FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-80043/45 Calibration Date: 04/01/2013 20:09

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 14:28

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/01/2013 15:39

Lab File ID: P1200045.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Ave	9412224	9694450		1.03	1.00	3.0	20.0
PCB-1221 Peak 2	Ave	5036203	0.0000		0.000200	1.00	-100.0*	20.0
PCB-1221 Peak 3	Ave	22868380	28125417		1.23	1.00	23.0*	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-80043/45 Calibration Date: 04/01/2013 20:09

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 14:28

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/01/2013 15:39

Lab File ID: P1200045.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1221 Peak 1	1.43	1.38	1.48
PCB-1221 Peak 2	1.58	1.49	1.59
PCB-1221 Peak 3	1.58	1.53	1.63

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200045.D
Lims ID: ICV 1221 Client ID:
Inject. Date: 01-Apr-2013 20:09:52 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0018420-045
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 45
Lims Batch ID: 80043 Lims Sample ID: 45
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:24 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									
1	2	1.434	1.433	0.001	9694450	1.03		100.0	
1	3	1.575	1.544	0.031	0	0	34.1- 84.1		
1	4	1.576	1.575	0.001	28125417	1.23	214.4- 264.4	290.1	
			Average of Peak Amounts =			1.13			
2	4	1.949	1.948	0.001	25155464	0.9313		100.0	
2	5	2.082	2.080	0.002	18047225	0.99	38.7- 98.7	71.7	
2	6	2.138	2.137	0.001	66492383	1.03	210.1- 270.1	264.3	
			Average of Peak Amounts =			0.9835			
						RPD = 13.86			

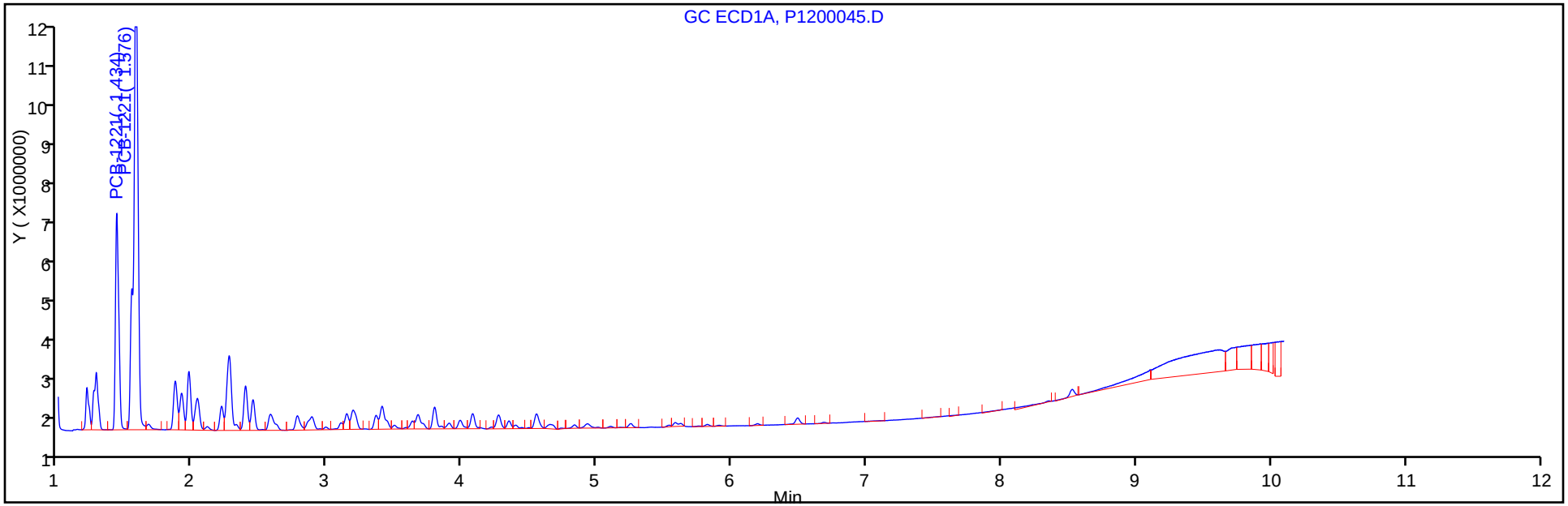
Report Date: 02-Apr-2013 07:01:27 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

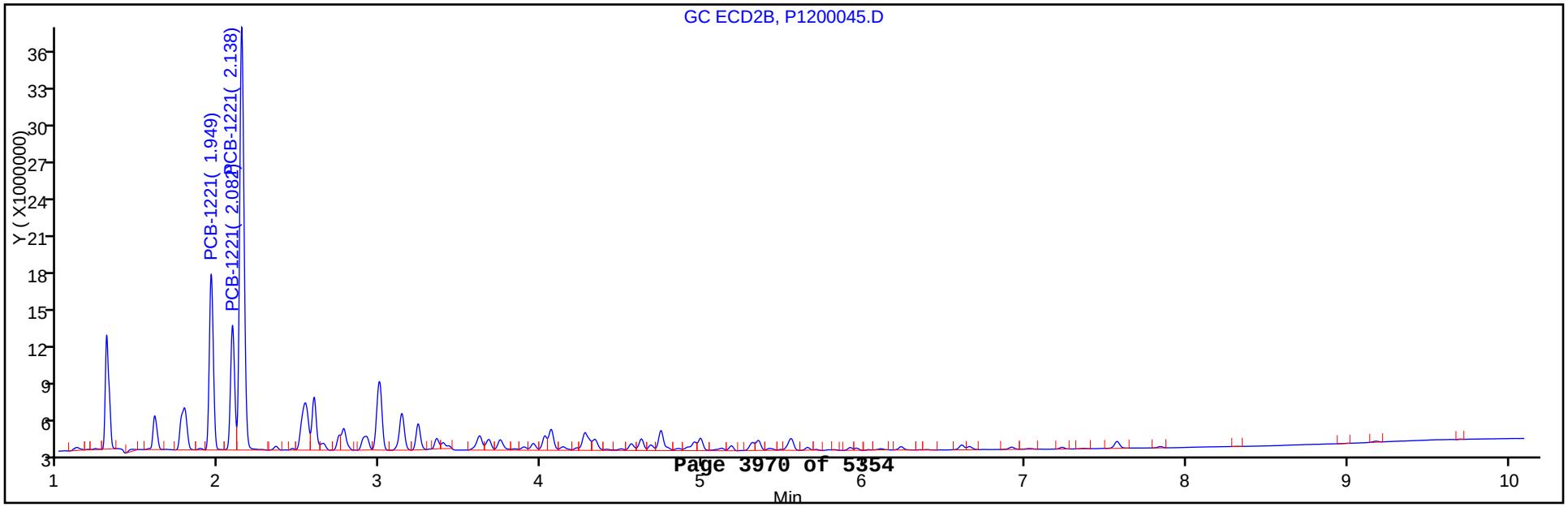
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200045.D

Injection Date:	01-Apr-2013 20:09:52	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	Lims Sample ID:	45
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-80043/45 Calibration Date: 04/01/2013 20:09

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 14:28

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/01/2013 15:39

Lab File ID: P1200045.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Ave	27011068	25155464		0.931	1.00	-6.9	20.0
PCB-1221 Peak 2	Ave	18185814	18047225		0.992	1.00	-0.8	20.0
PCB-1221 Peak 3	Ave	64758703	66492383		1.03	1.00	2.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-80043/45 Calibration Date: 04/01/2013 20:09

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 14:28

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/01/2013 15:39

Lab File ID: P1200045.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1221 Peak 1	1.95	1.90	2.00
PCB-1221 Peak 2	2.08	2.03	2.13
PCB-1221 Peak 3	2.14	2.09	2.19

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200045.D
Lims ID: ICV 1221 Client ID:
Inject. Date: 01-Apr-2013 20:09:52 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0018420-045
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 45
Lims Batch ID: 80043 Lims Sample ID: 45
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:24 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									
1	2	1.434	1.433	0.001	9694450	1.03		100.0	
1	3	1.575	1.544	0.031	0	0	34.1- 84.1		
1	4	1.576	1.575	0.001	28125417	1.23	214.4- 264.4	290.1	
			Average of Peak Amounts =			1.13			
2	4	1.949	1.948	0.001	25155464	0.9313		100.0	
2	5	2.082	2.080	0.002	18047225	0.99	38.7- 98.7	71.7	
2	6	2.138	2.137	0.001	66492383	1.03	210.1- 270.1	264.3	
			Average of Peak Amounts =			0.9835			
						RPD = 13.86			

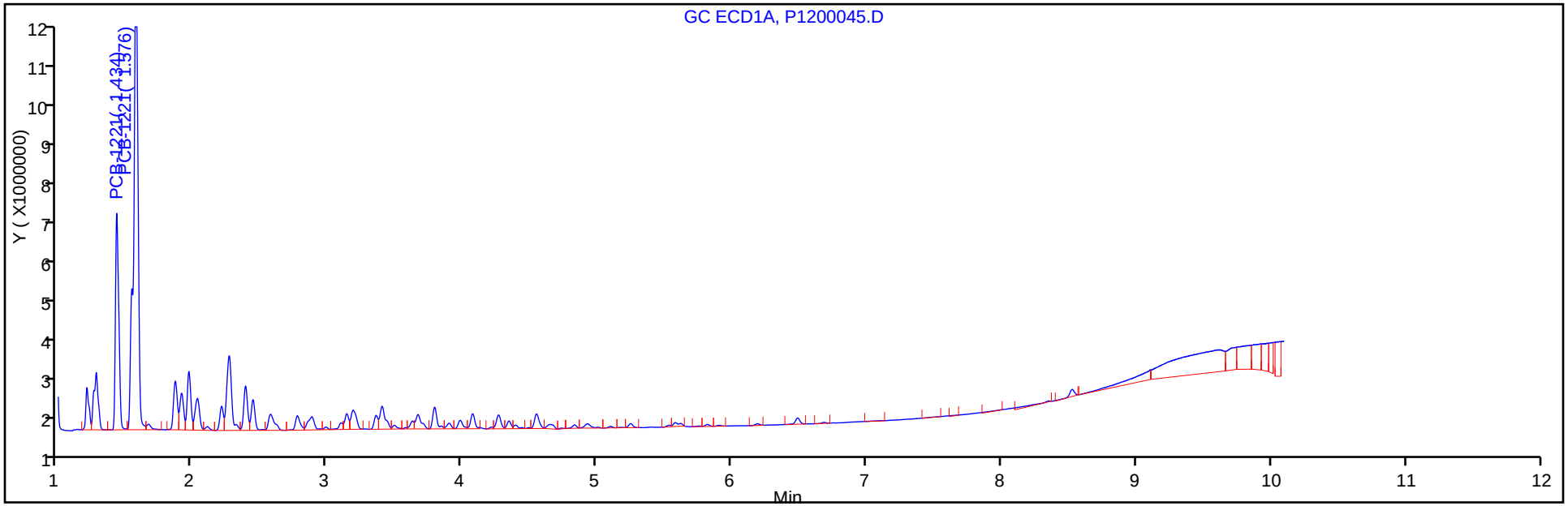
Report Date: 02-Apr-2013 07:01:27 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

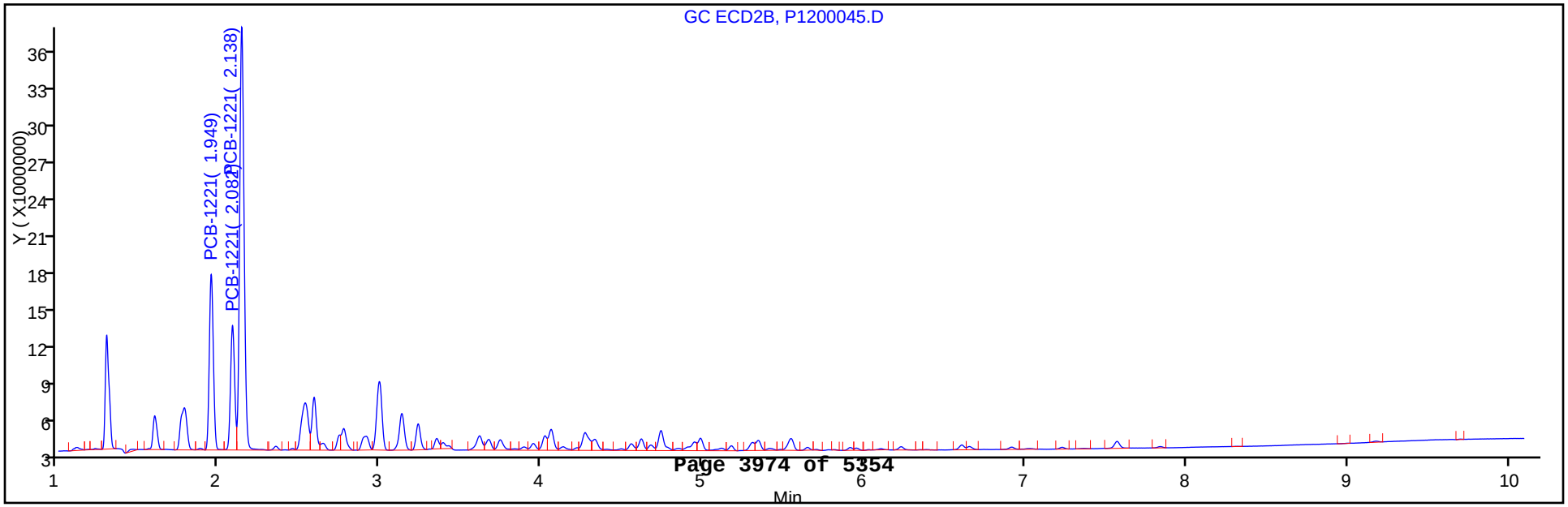
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200045.D

Injection Date:	01-Apr-2013 20:09:52	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	Lims Sample ID:	45
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-80043/46 Calibration Date: 04/01/2013 20:23

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 10:09

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/01/2013 11:21

Lab File ID: P1200046.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1232 Peak 1	Ave	18176812	15123644		0.832	1.00	-16.8	20.0
PCB-1232 Peak 2	Ave	14647831	13124037		0.896	1.00	-10.4	20.0
PCB-1232 Peak 3	Ave	28440460	27633684		0.972	1.00	-2.8	20.0
PCB-1232 Peak 4	Ave	12000709	11382903		0.949	1.00	-5.1	20.0
PCB-1232 Peak 5	Ave	11702083	11383278		0.973	1.00	-2.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-80043/46 Calibration Date: 04/01/2013 20:23

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 10:09

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/01/2013 11:21

Lab File ID: P1200046.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1232 Peak 1	1.58	1.53	1.63
PCB-1232 Peak 2	1.87	1.82	1.92
PCB-1232 Peak 3	2.27	2.22	2.32
PCB-1232 Peak 4	2.39	2.34	2.44
PCB-1232 Peak 5	2.77	2.73	2.83

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200046.D
Lims ID: ICV 1232 Client ID:
Inject. Date: 01-Apr-2013 20:23:59 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0018420-046
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 46
Lims Batch ID: 80043 Lims Sample ID: 46
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:24 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100	1.575	1.577	-0.002	15123644	0.8320		100.0	
1	2	1.866	1.868	-0.002	13124037	0.8960	57.1- 107.1	86.8	
1	3	2.266	2.270	-0.004	27633684	0.9716	138.6- 188.6	182.7	
1	4	2.388	2.393	-0.005	11382903	0.9485	43.2- 93.2	75.3	
1	5	2.774	2.777	-0.003	11383278	0.9728	41.1- 91.1	75.3	
			Average of Peak Amounts =			0.9242			
2	6	2.138	2.138	0.000	43305716	0.8115		100.0	
2	7	2.538	2.540	-0.002	36363418	0.8964	47.1- 107.1	84.0	
2	8	2.993	2.996	-0.003	78751574	0.9789	119.9- 179.9	181.9	
2	9	3.131	3.136	-0.005	33906747	0.9261	38.2- 98.2	78.3	
2	10	3.743	3.750	-0.007	28749588	0.9312	29.2- 89.2	66.4	
			Average of Peak Amounts =			0.9088			
						RPD = 1.68			

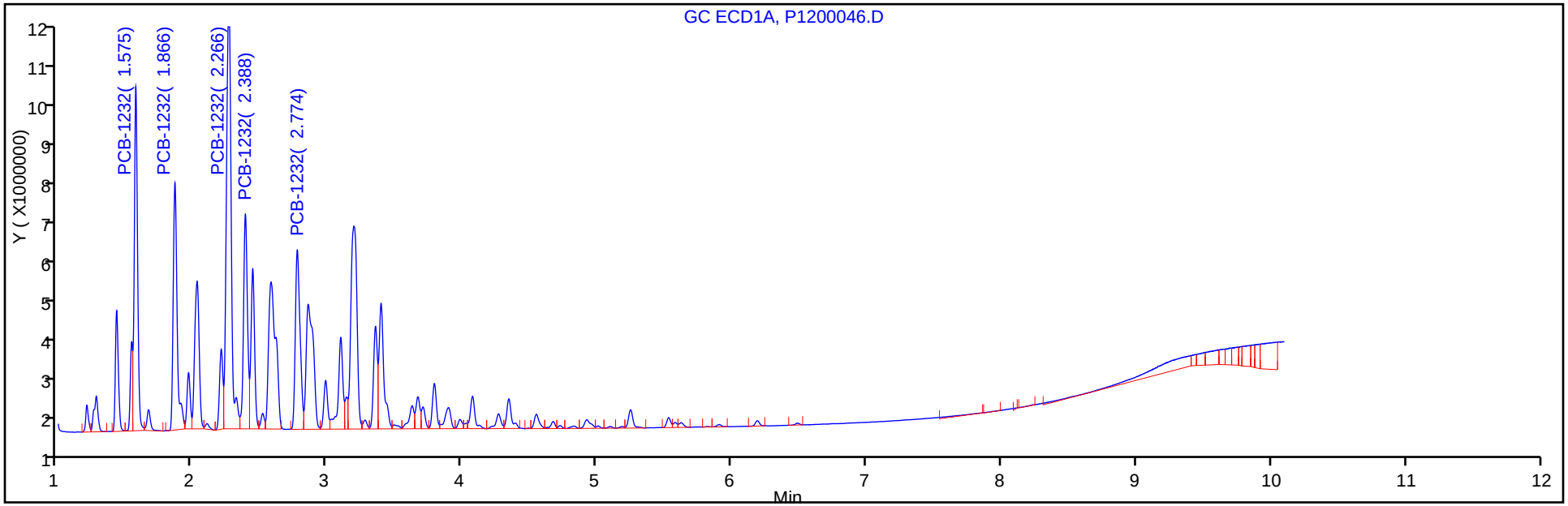
Report Date: 02-Apr-2013 07:01:29 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

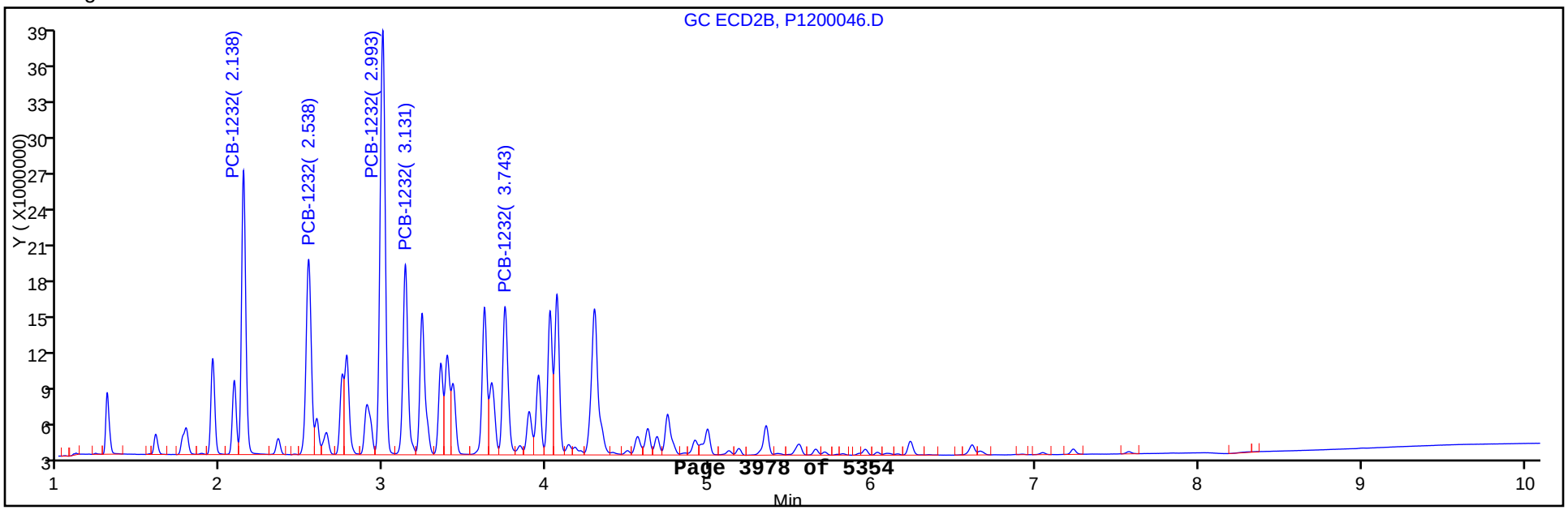
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200046.D

Injection Date:	01-Apr-2013 20:23:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	Lims Sample ID:	46
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-80043/46 Calibration Date: 04/01/2013 20:23

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 10:09

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/01/2013 11:21

Lab File ID: P1200046.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1232 Peak 1	Ave	53364697	43305716		0.812	1.00	-18.8	20.0
PCB-1232 Peak 2	Ave	40566799	36363418		0.896	1.00	-10.4	20.0
PCB-1232 Peak 3	Ave	80450386	78751574		0.979	1.00	-2.1	20.0
PCB-1232 Peak 4	Ave	36612715	33906747		0.926	1.00	-7.4	20.0
PCB-1232 Peak 5	Ave	30872557	28749588		0.931	1.00	-6.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-80043/46 Calibration Date: 04/01/2013 20:23

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 10:09

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/01/2013 11:21

Lab File ID: P1200046.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1232 Peak 1	2.14	2.09	2.19
PCB-1232 Peak 2	2.54	2.49	2.59
PCB-1232 Peak 3	2.99	2.95	3.05
PCB-1232 Peak 4	3.13	3.09	3.19
PCB-1232 Peak 5	3.74	3.70	3.80

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200046.D
Lims ID: ICV 1232 Client ID:
Inject. Date: 01-Apr-2013 20:23:59 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0018420-046
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 46
Lims Batch ID: 80043 Lims Sample ID: 46
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:24 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100	1.575	1.577	-0.002	15123644	0.8320		100.0	
1	2	1.866	1.868	-0.002	13124037	0.8960	57.1- 107.1	86.8	
1	3	2.266	2.270	-0.004	27633684	0.9716	138.6- 188.6	182.7	
1	4	2.388	2.393	-0.005	11382903	0.9485	43.2- 93.2	75.3	
1	5	2.774	2.777	-0.003	11383278	0.9728	41.1- 91.1	75.3	
			Average of Peak Amounts =			0.9242			
2	6	2.138	2.138	0.000	43305716	0.8115		100.0	
2	7	2.538	2.540	-0.002	36363418	0.8964	47.1- 107.1	84.0	
2	8	2.993	2.996	-0.003	78751574	0.9789	119.9- 179.9	181.9	
2	9	3.131	3.136	-0.005	33906747	0.9261	38.2- 98.2	78.3	
2	10	3.743	3.750	-0.007	28749588	0.9312	29.2- 89.2	66.4	
			Average of Peak Amounts =			0.9088			
						RPD = 1.68			

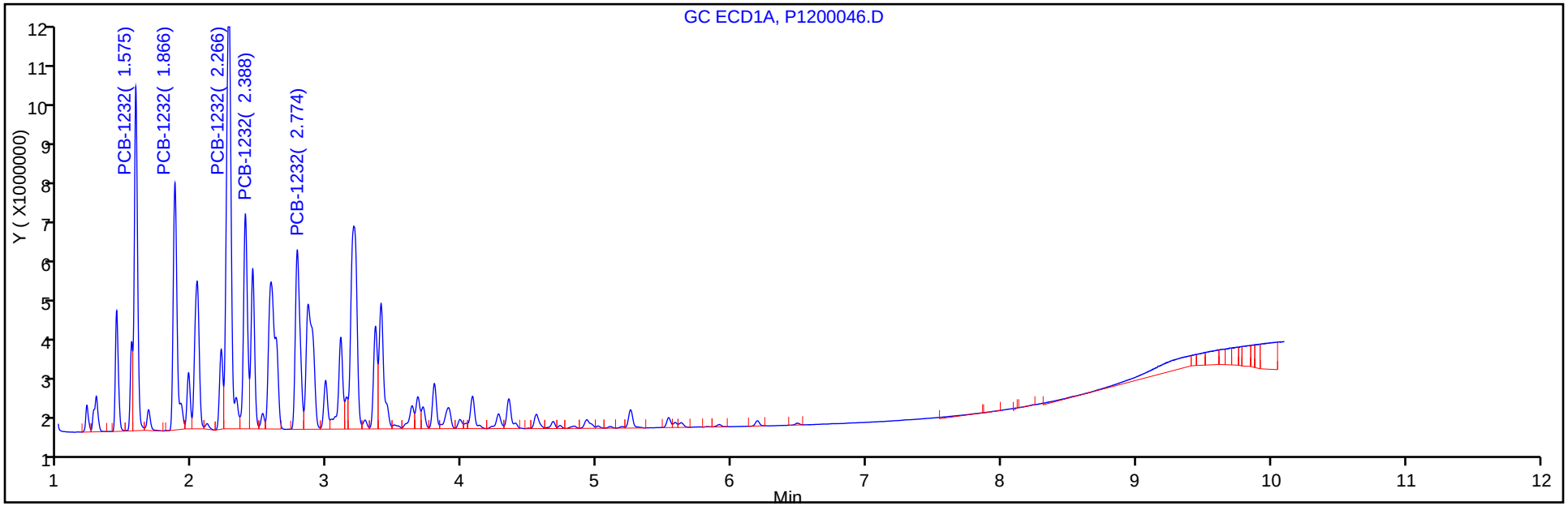
Report Date: 02-Apr-2013 07:01:29 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

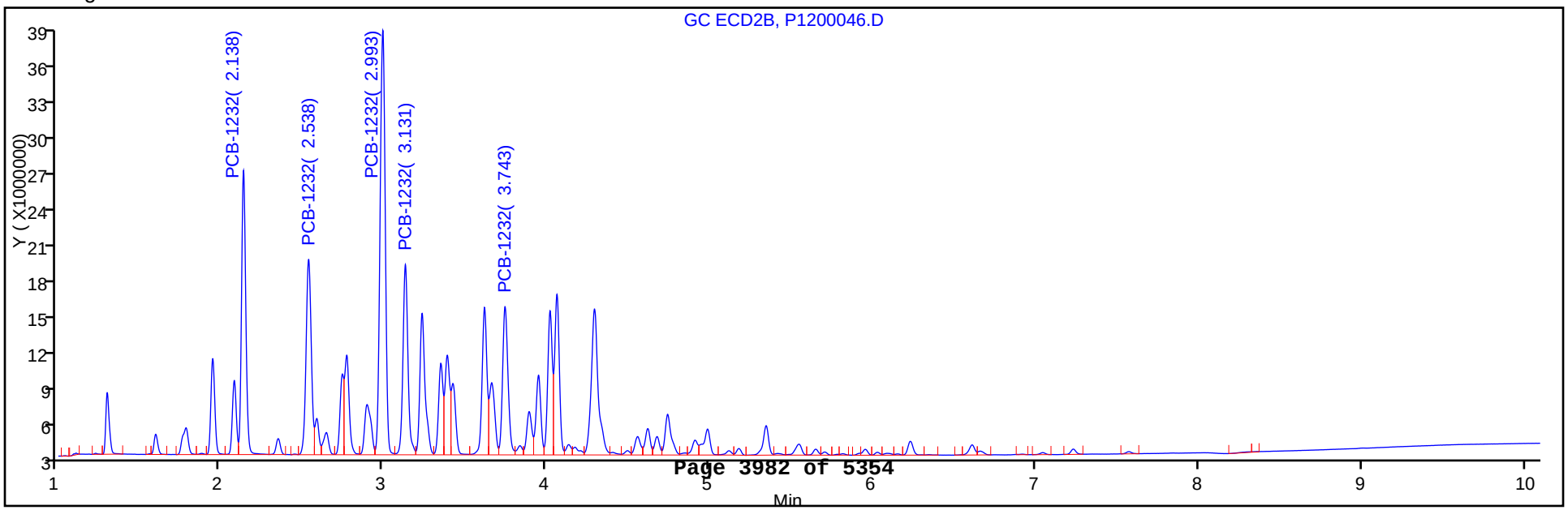
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200046.D

Injection Date:	01-Apr-2013 20:23:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	Lims Sample ID:	46
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-80043/47 Calibration Date: 04/01/2013 20:38

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 11:35

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/01/2013 12:48

Lab File ID: P1200047.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	12831376	13138210		1.02	1.00	2.4	20.0
PCB-1242 Peak 2	Ave	24783748	25917329		1.05	1.00	4.6	20.0
PCB-1242 Peak 3	Ave	51586875	54685987		1.06	1.00	6.0	20.0
PCB-1242 Peak 4	Ave	22033277	23859592		1.08	1.00	8.3	20.0
PCB-1242 Peak 5	Ave	23477932	25586962		1.09	1.00	9.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-80043/47 Calibration Date: 04/01/2013 20:38

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 11:35

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/01/2013 12:48

Lab File ID: P1200047.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	1.58	1.53	1.63
PCB-1242 Peak 2	1.87	1.82	1.92
PCB-1242 Peak 3	2.27	2.22	2.32
PCB-1242 Peak 4	2.39	2.34	2.44
PCB-1242 Peak 5	2.77	2.73	2.83

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200047.D
Lims ID: ICV 1242 Client ID:
Inject. Date: 01-Apr-2013 20:38:31 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0018420-047
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 47
Lims Batch ID: 80043 Lims Sample ID: 47
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:24 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100	1.577	1.575	0.002	13138210	1.02		100.0	
1	2	1.867	1.865	0.002	25917329	1.05	163.6- 213.6	197.3	
1	3	2.267	2.265	0.002	54685987	1.06	347.0- 397.0	416.2	
1	4	2.389	2.388	0.001	23859592	1.08	141.6- 191.6	181.6	
1	5	2.774	2.775	-0.001	25586962	1.09	150.4- 200.4	194.8	
			Average of Peak Amounts =			1.06			
2	6	2.137	2.136	0.001	38836658	1.02		100.0	
2	7	2.537	2.536	0.001	76567284	1.06	162.4- 222.4	197.2	
2	8	2.992	2.991	0.001	168257286	1.14	348.9- 408.9	433.2	
2	9	3.131	3.130	0.001	69808242	1.08	136.6- 196.6	179.7	
2	10	3.617	3.615	0.002	58519718	1.27	108.6- 168.6	150.7	
			Average of Peak Amounts =			1.11			
						RPD = 4.68			

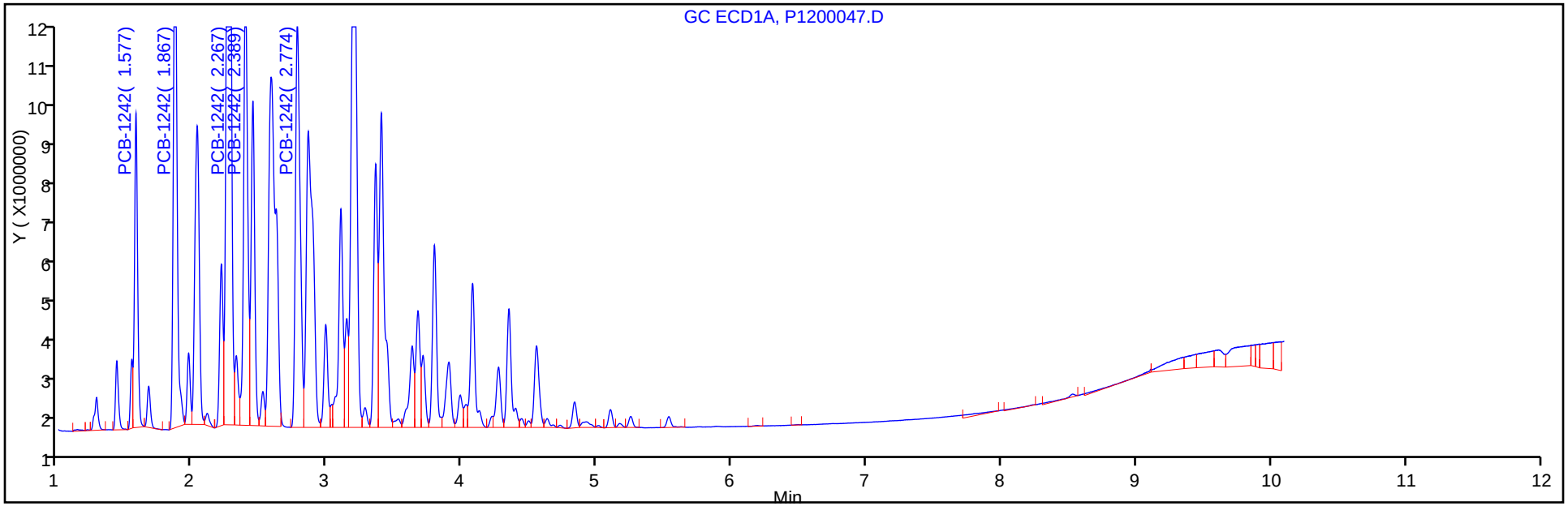
Report Date: 02-Apr-2013 07:01:31 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

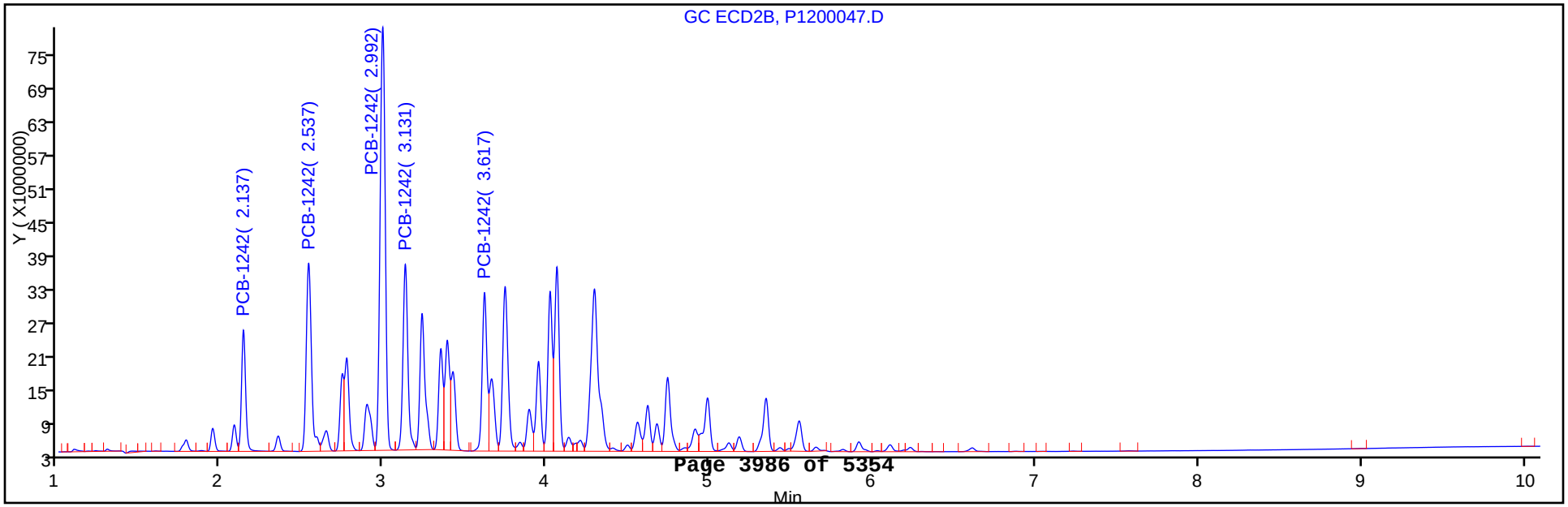
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200047.D

Injection Date:	01-Apr-2013 20:38:31	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	Lims Sample ID:	47
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-80043/47 Calibration Date: 04/01/2013 20:38

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 11:35

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/01/2013 12:48

Lab File ID: P1200047.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	38122353	38836658		1.02	1.00	1.9	20.0
PCB-1242 Peak 2	Ave	72562393	76567284		1.06	1.00	5.5	20.0
PCB-1242 Peak 3	Ave	147546944	168257286		1.14	1.00	14.0	20.0
PCB-1242 Peak 4	Ave	64813150	69808242		1.08	1.00	7.7	20.0
PCB-1242 Peak 5	Lin1		58519718		1.27	1.00	26.5*	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-80043/47 Calibration Date: 04/01/2013 20:38

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 11:35

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/01/2013 12:48

Lab File ID: P1200047.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	2.14	2.09	2.19
PCB-1242 Peak 2	2.54	2.49	2.59
PCB-1242 Peak 3	2.99	2.94	3.04
PCB-1242 Peak 4	3.13	3.08	3.18
PCB-1242 Peak 5	3.62	3.57	3.67

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200047.D
Lims ID: ICV 1242 Client ID:
Inject. Date: 01-Apr-2013 20:38:31 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0018420-047
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 47
Lims Batch ID: 80043 Lims Sample ID: 47
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:24 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100	1.577	1.575	0.002	13138210	1.02		100.0	
1	2	1.867	1.865	0.002	25917329	1.05	163.6- 213.6	197.3	
1	3	2.267	2.265	0.002	54685987	1.06	347.0- 397.0	416.2	
1	4	2.389	2.388	0.001	23859592	1.08	141.6- 191.6	181.6	
1	5	2.774	2.775	-0.001	25586962	1.09	150.4- 200.4	194.8	
			Average of Peak Amounts =			1.06			
2	6	2.137	2.136	0.001	38836658	1.02		100.0	
2	7	2.537	2.536	0.001	76567284	1.06	162.4- 222.4	197.2	
2	8	2.992	2.991	0.001	168257286	1.14	348.9- 408.9	433.2	
2	9	3.131	3.130	0.001	69808242	1.08	136.6- 196.6	179.7	
2	10	3.617	3.615	0.002	58519718	1.27	108.6- 168.6	150.7	
			Average of Peak Amounts =			1.11			
						RPD = 4.68			

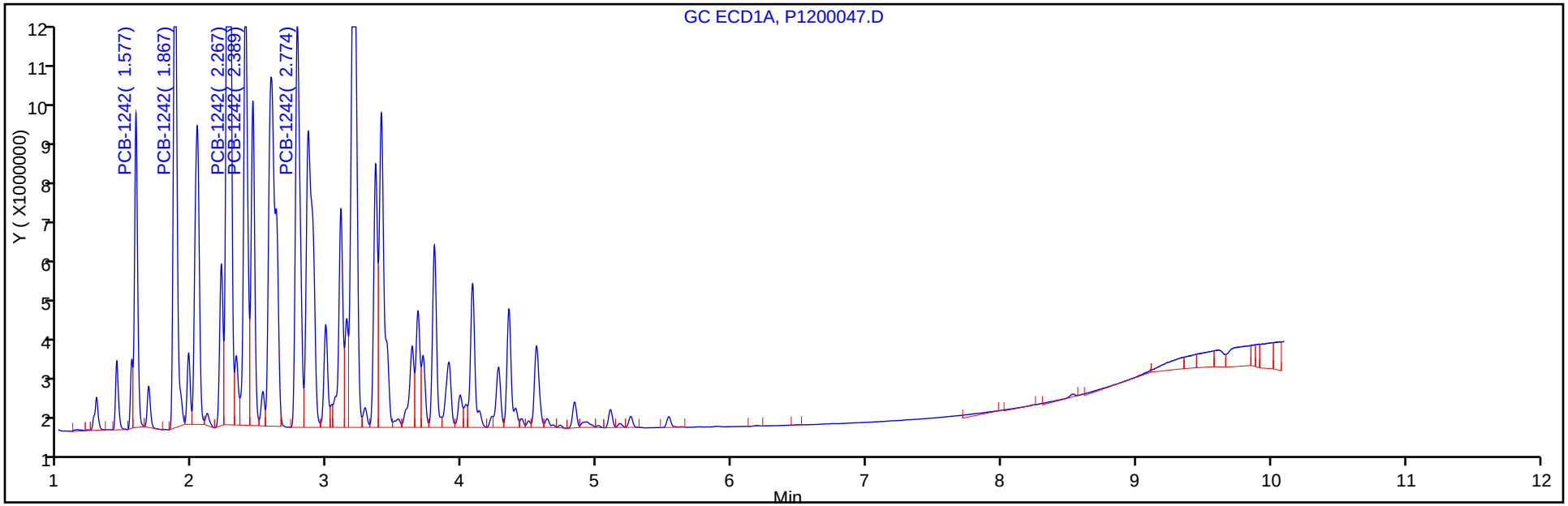
Report Date: 02-Apr-2013 07:01:32 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

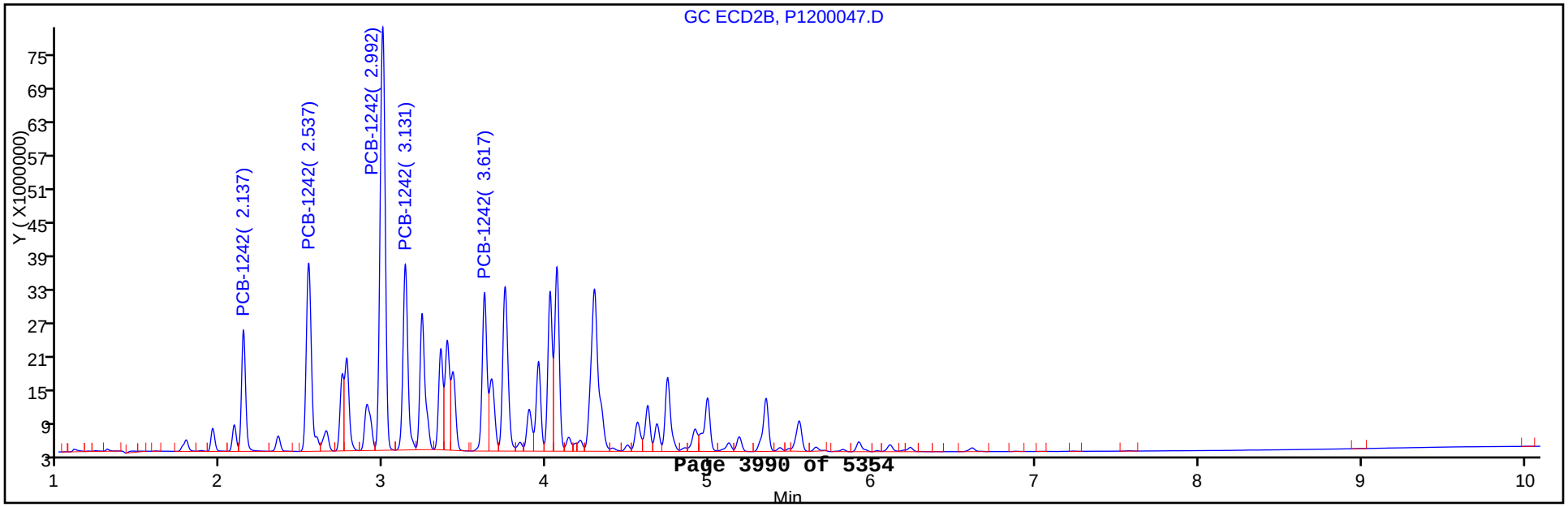
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200047.D

Injection Date:	01-Apr-2013 20:38:31	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	Lims Sample ID:	47
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-80043/48 Calibration Date: 04/01/2013 20:52

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 13:02

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/01/2013 14:13

Lab File ID: P1200048.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	12383343	11638395		0.940	1.00	-6.0	20.0
PCB-1248 Peak 2	Ave	32422157	29168793		0.900	1.00	-10.0	20.0
PCB-1248 Peak 3	Ave	36647974	30857685		0.842	1.00	-15.8	20.0
PCB-1248 Peak 4	Ave	21004681	17454018		0.831	1.00	-16.9	20.0
PCB-1248 Peak 5	Ave	18950866	16271866		0.859	1.00	-14.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-80043/48 Calibration Date: 04/01/2013 20:52

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 13:02

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/01/2013 14:13

Lab File ID: P1200048.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1248 Peak 1	1.87	1.81	1.91
PCB-1248 Peak 2	2.26	2.21	2.31
PCB-1248 Peak 3	2.77	2.72	2.82
PCB-1248 Peak 4	3.36	3.31	3.41
PCB-1248 Peak 5	3.79	3.74	3.84

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200048.D
Lims ID: ICV 1248 Client ID:
Inject. Date: 01-Apr-2013 20:52:36 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0018420-048
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 48
Lims Batch ID: 80043 Lims Sample ID: 48
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:24 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.865	1.863	0.002	11638395	0.9398		100.0	
1	2	2.264	2.264	0.000	29168793	0.8997	236.7- 286.7	250.6	
1	3	2.773	2.773	0.000	30857685	0.8420	270.2- 320.2	265.1	
1	4	3.356	3.356	0.000	17454018	0.8310	145.6- 195.6	150.0	
1	5	3.791	3.792	-0.001	16271866	0.8586	127.6- 177.6	139.8	
			Average of Peak Amounts =			0.8742			
2	6	2.536	2.535	0.001	32923343	0.9274		100.0	
2	7	2.991	2.989	0.002	87447352	0.9222	235.6- 295.6	265.6	
2	8	3.617	3.617	0.000	72842173	0.8369	215.6- 275.6	221.2	
2	9	4.061	4.062	-0.001	87816843	0.8425	261.1- 321.1	266.7	
2	10	4.741	4.740	0.001	49184056	0.8650	131.8- 191.8	149.4	
			Average of Peak Amounts =			0.8788			
						RPD = 0.52			

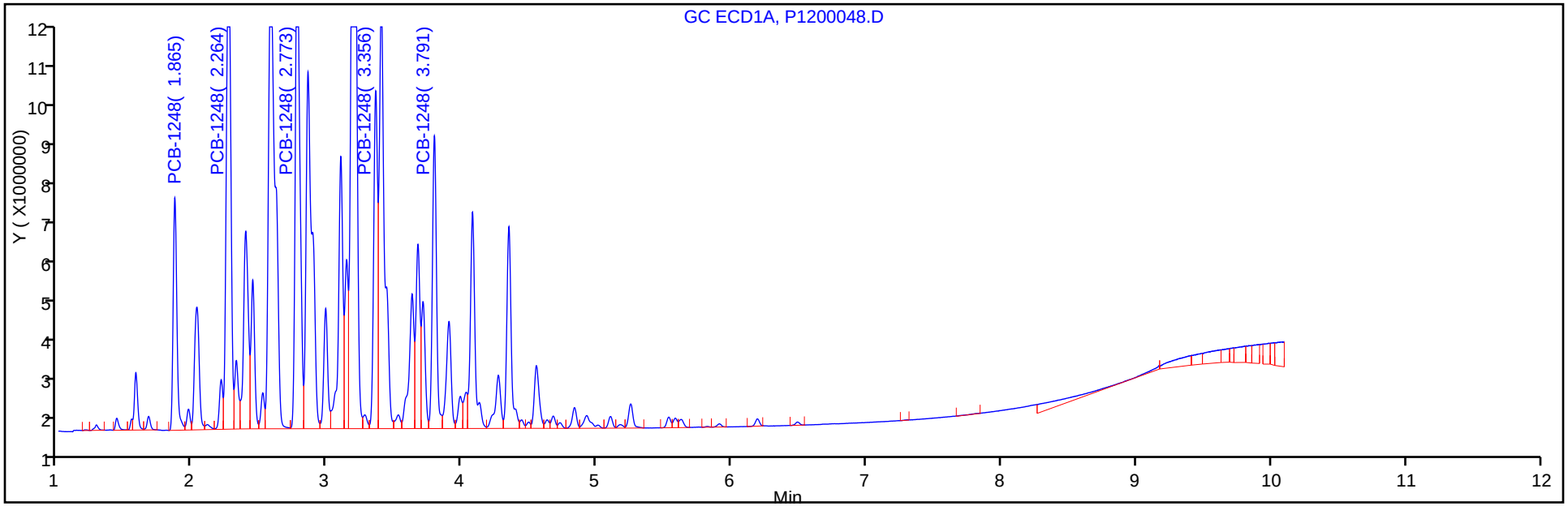
Report Date: 02-Apr-2013 07:01:34 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

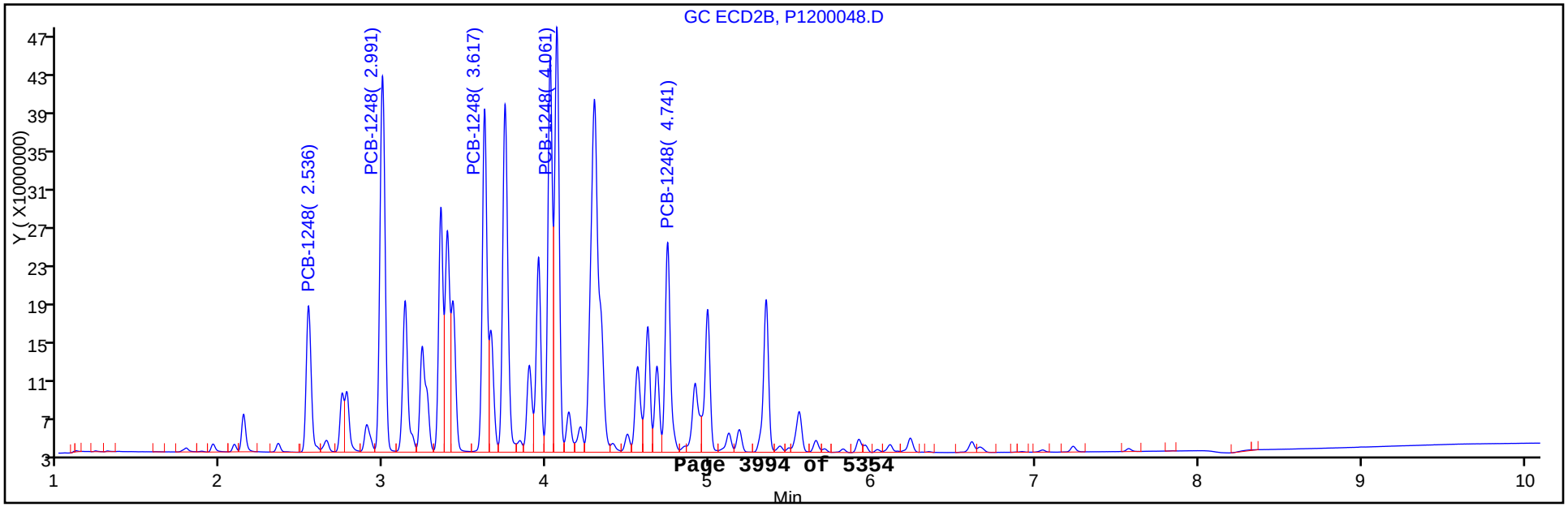
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200048.D

Injection Date:	01-Apr-2013 20:52:36	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	Lims Sample ID:	48
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-80043/48 Calibration Date: 04/01/2013 20:52

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 13:02

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/01/2013 14:13

Lab File ID: P1200048.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	35501935	32923343		0.927	1.00	-7.3	20.0
PCB-1248 Peak 2	Ave	94824610	87447352		0.922	1.00	-7.8	20.0
PCB-1248 Peak 3	Ave	87041987	72842173		0.837	1.00	-16.3	20.0
PCB-1248 Peak 4	Ave	104232104	87816843		0.843	1.00	-15.7	20.0
PCB-1248 Peak 5	Ave	56862330	49184056		0.865	1.00	-13.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-80043/48 Calibration Date: 04/01/2013 20:52

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 13:02

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/01/2013 14:13

Lab File ID: P1200048.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1248 Peak 1	2.54	2.49	2.59
PCB-1248 Peak 2	2.99	2.94	3.04
PCB-1248 Peak 3	3.62	3.57	3.67
PCB-1248 Peak 4	4.06	4.01	4.11
PCB-1248 Peak 5	4.74	4.69	4.79

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200048.D
Lims ID: ICV 1248 Client ID:
Inject. Date: 01-Apr-2013 20:52:36 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0018420-048
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 48
Lims Batch ID: 80043 Lims Sample ID: 48
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:24 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.865	1.863	0.002	11638395	0.9398		100.0	
1	2	2.264	2.264	0.000	29168793	0.8997	236.7- 286.7	250.6	
1	3	2.773	2.773	0.000	30857685	0.8420	270.2- 320.2	265.1	
1	4	3.356	3.356	0.000	17454018	0.8310	145.6- 195.6	150.0	
1	5	3.791	3.792	-0.001	16271866	0.8586	127.6- 177.6	139.8	
			Average of Peak Amounts =			0.8742			
2	6	2.536	2.535	0.001	32923343	0.9274		100.0	
2	7	2.991	2.989	0.002	87447352	0.9222	235.6- 295.6	265.6	
2	8	3.617	3.617	0.000	72842173	0.8369	215.6- 275.6	221.2	
2	9	4.061	4.062	-0.001	87816843	0.8425	261.1- 321.1	266.7	
2	10	4.741	4.740	0.001	49184056	0.8650	131.8- 191.8	149.4	
			Average of Peak Amounts =			0.8788			
						RPD = 0.52			

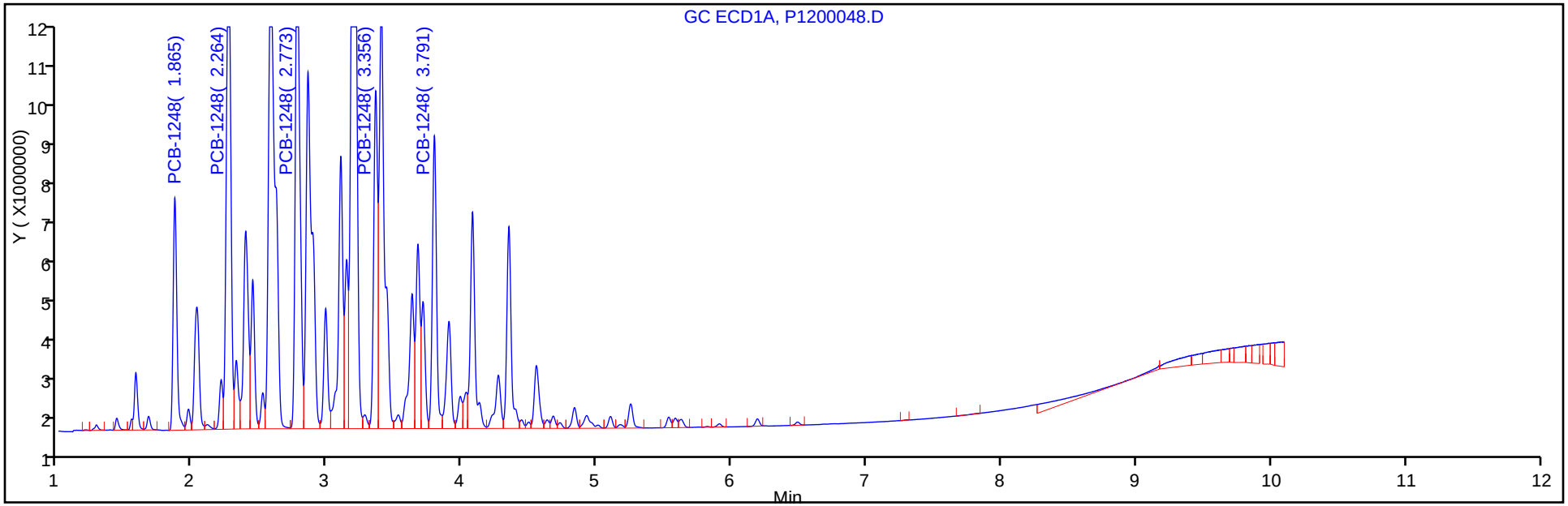
Report Date: 02-Apr-2013 07:01:34 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

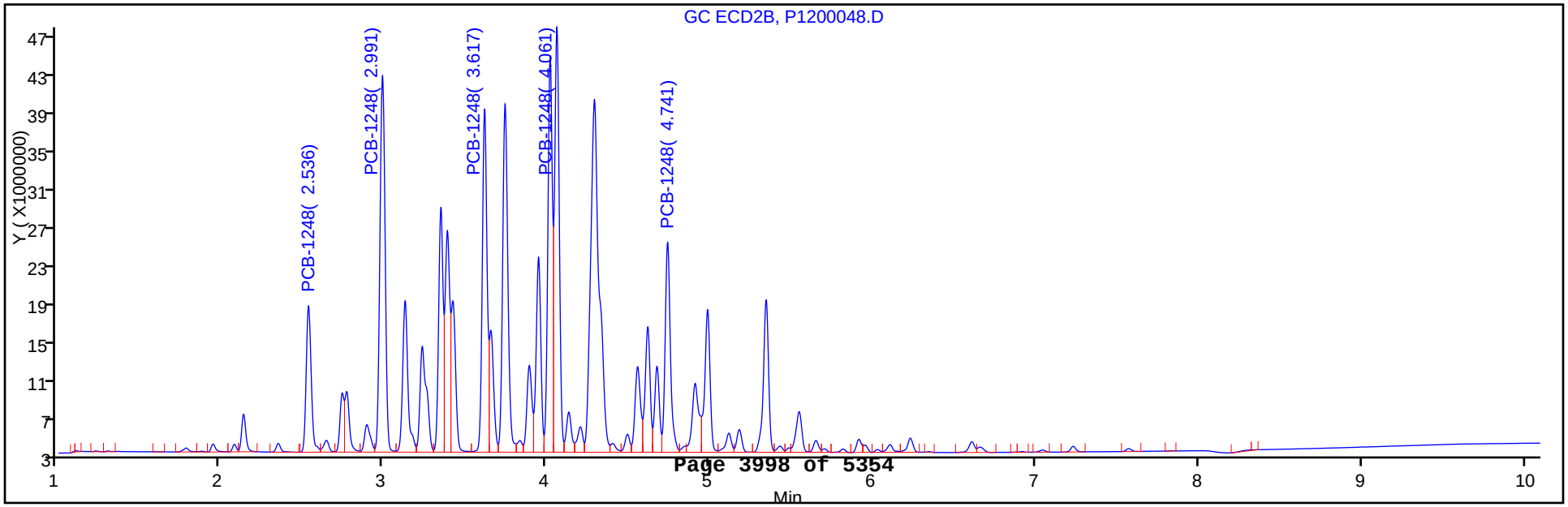
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200048.D

Injection Date:	01-Apr-2013 20:52:36	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	Lims Sample ID:	48
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-80043/49 Calibration Date: 04/01/2013 21:06

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 14:28

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/01/2013 15:39

Lab File ID: P1200049.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1254 Peak 1	Ave	58490055	50550323		0.864	1.00	-13.6	20.0
PCB-1254 Peak 2	Ave	60238638	55159163		0.916	1.00	-8.4	20.0
PCB-1254 Peak 3	Ave	50334674	46750690		0.929	1.00	-7.1	20.0
PCB-1254 Peak 4	Ave	43289828	40351371		0.932	1.00	-6.8	20.0
PCB-1254 Peak 5	Ave	61999384	59941725		0.967	1.00	-3.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-80043/49 Calibration Date: 04/01/2013 21:06

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 14:28

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/01/2013 15:39

Lab File ID: P1200049.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1254 Peak 1	3.40	3.35	3.45
PCB-1254 Peak 2	3.79	3.74	3.84
PCB-1254 Peak 3	4.08	4.03	4.13
PCB-1254 Peak 4	4.27	4.22	4.32
PCB-1254 Peak 5	4.55	4.50	4.60

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200049.D
Lims ID: ICV 1254 Client ID:
Inject. Date: 01-Apr-2013 21:06:39 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0018420-049
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 49
Lims Batch ID: 80043 Lims Sample ID: 49
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:24 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 PCB-1254									
1	100	3.404	3.404	0.000	50550323	0.8643		100.0	
1	2	3.792	3.792	0.000	55159163	0.9157	74.5- 124.5	109.1	
1	3	4.075	4.075	0.000	46750690	0.9288	64.0- 114.0	92.5	
1	4	4.267	4.269	-0.002	40351371	0.9321	50.5- 100.5	79.8	
1	5	4.549	4.550	-0.001	59941725	0.9668	82.9- 132.9	118.6	
			Average of Peak Amounts =			0.9215			
2	6	4.267	4.268	-0.001	101964906	0.9059		100.0	
2	7	4.740	4.741	-0.001	163687133	0.9405	124.4- 184.4	160.5	
2	8	4.985	4.986	-0.001	115106436	0.9374	78.3- 138.3	112.9	
2	9	5.345	5.345	0.000	137076834	0.9626	95.8- 155.8	134.4	
2	10	5.549	5.549	0.000	169515494	1.01	119.6- 179.6	166.2	
			Average of Peak Amounts =			0.9508			
						RPD = 3.13			

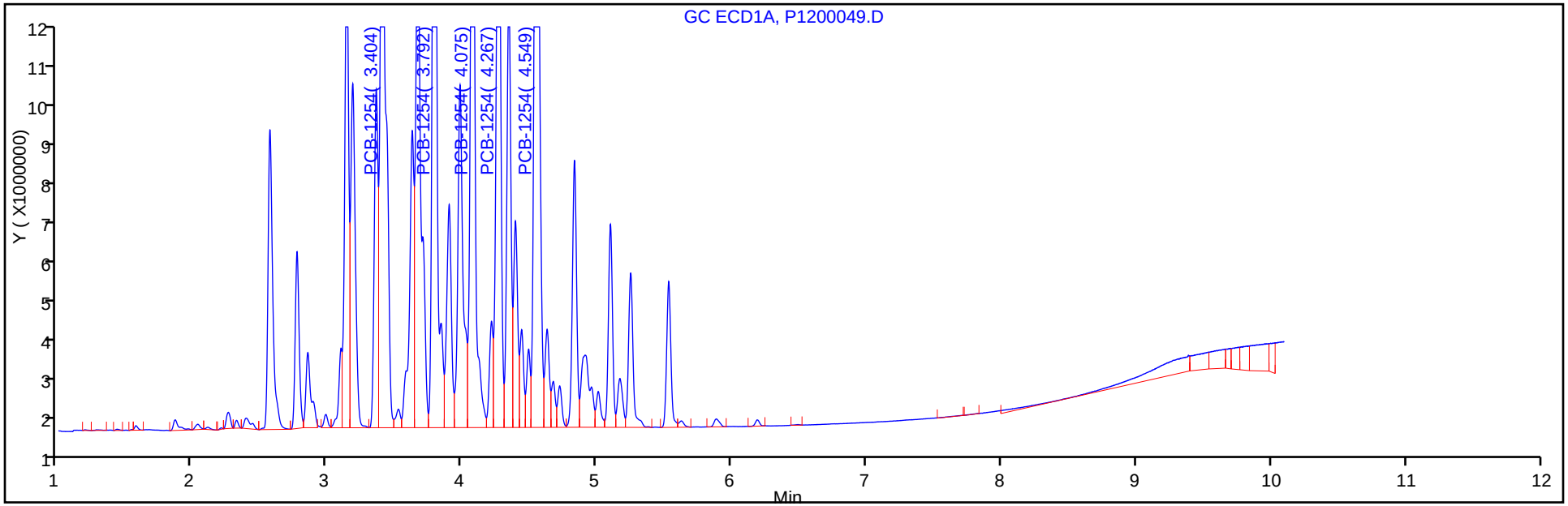
Report Date: 02-Apr-2013 07:01:36 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

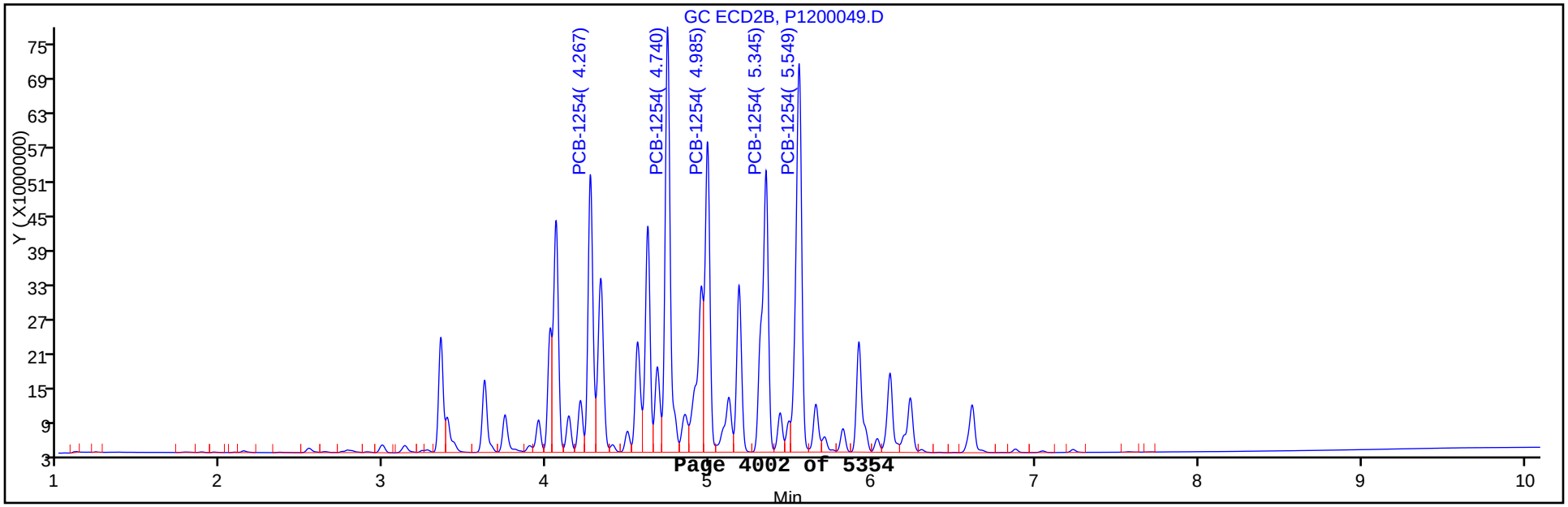
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200049.D

Injection Date:	01-Apr-2013 21:06:39	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	Lims Sample ID:	49
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-80043/49 Calibration Date: 04/01/2013 21:06

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 14:28

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/01/2013 15:39

Lab File ID: P1200049.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1254 Peak 1	Ave	112551906	101964906		0.906	1.00	-9.4	20.0
PCB-1254 Peak 2	Ave	174041722	163687133		0.941	1.00	-5.9	20.0
PCB-1254 Peak 3	Ave	122787540	115106436		0.937	1.00	-6.3	20.0
PCB-1254 Peak 4	Ave	142403158	137076834		0.963	1.00	-3.7	20.0
PCB-1254 Peak 5	Ave	168222990	169515494		1.01	1.00	0.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-80043/49 Calibration Date: 04/01/2013 21:06

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 14:28

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/01/2013 15:39

Lab File ID: P1200049.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1254 Peak 1	4.27	4.22	4.32
PCB-1254 Peak 2	4.74	4.69	4.79
PCB-1254 Peak 3	4.99	4.94	5.04
PCB-1254 Peak 4	5.35	5.30	5.40
PCB-1254 Peak 5	5.55	5.50	5.60

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200049.D
Lims ID: ICV 1254 Client ID:
Inject. Date: 01-Apr-2013 21:06:39 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0018420-049
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 49
Lims Batch ID: 80043 Lims Sample ID: 49
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:24 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 PCB-1254									
1	100	3.404	3.404	0.000	50550323	0.8643		100.0	
1	2	3.792	3.792	0.000	55159163	0.9157	74.5- 124.5	109.1	
1	3	4.075	4.075	0.000	46750690	0.9288	64.0- 114.0	92.5	
1	4	4.267	4.269	-0.002	40351371	0.9321	50.5- 100.5	79.8	
1	5	4.549	4.550	-0.001	59941725	0.9668	82.9- 132.9	118.6	
			Average of Peak Amounts =			0.9215			
2	6	4.267	4.268	-0.001	101964906	0.9059		100.0	
2	7	4.740	4.741	-0.001	163687133	0.9405	124.4- 184.4	160.5	
2	8	4.985	4.986	-0.001	115106436	0.9374	78.3- 138.3	112.9	
2	9	5.345	5.345	0.000	137076834	0.9626	95.8- 155.8	134.4	
2	10	5.549	5.549	0.000	169515494	1.01	119.6- 179.6	166.2	
			Average of Peak Amounts =			0.9508			
						RPD = 3.13			

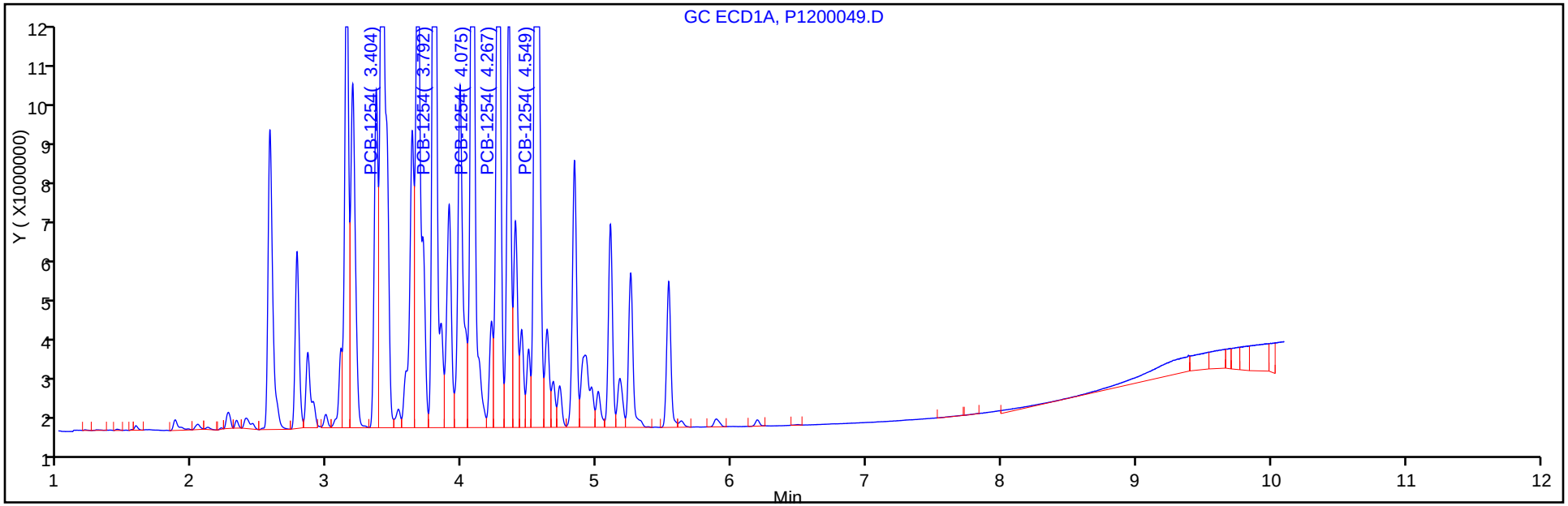
Report Date: 02-Apr-2013 07:01:36 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

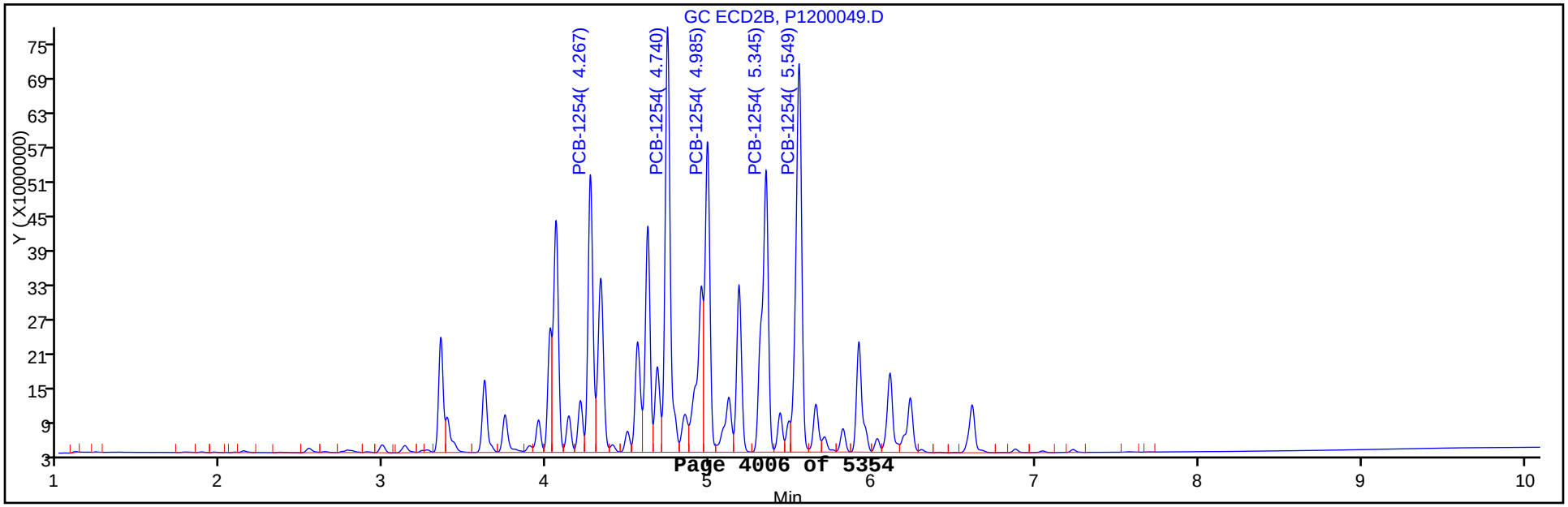
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200049.D

Injection Date:	01-Apr-2013 21:06:39	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	Lims Sample ID:	49
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-80043/50 Calibration Date: 04/01/2013 21:20

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200050.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	16186104	14696514		0.908	1.00	-9.2	20.0
PCB-1016 Peak 2	Ave	30075346	29640384		0.986	1.00	-1.4	20.0
PCB-1016 Peak 3	Ave	63982891	66932016		1.05	1.00	4.6	20.0
PCB-1016 Peak 4	Ave	27020466	27200657		1.01	1.00	0.7	20.0
PCB-1016 Peak 5	Ave	28253356	27699213		0.980	1.00	-2.0	20.0
PCB-1260 Peak 1	Ave	43598192	41686475		0.956	1.00	-4.4	20.0
PCB-1260 Peak 2	Ave	86122108	83974029		0.975	1.00	-2.5	20.0
PCB-1260 Peak 3	Ave	84445888	77199062		0.914	1.00	-8.6	20.0
PCB-1260 Peak 4	Ave	118319074	140884757		1.19	1.00	19.1	20.0
PCB-1260 Peak 5	Ave	56124257	61213576		1.09	1.00	9.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-80043/50 Calibration Date: 04/01/2013 21:20

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200050.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	1.58	1.53	1.63
PCB-1016 Peak 2	1.87	1.82	1.92
PCB-1016 Peak 3	2.27	2.22	2.32
PCB-1016 Peak 4	2.39	2.34	2.44
PCB-1016 Peak 5	2.77	2.72	2.82
PCB-1260 Peak 1	3.98	3.93	4.03
PCB-1260 Peak 2	4.27	4.22	4.32
PCB-1260 Peak 3	4.55	4.50	4.60
PCB-1260 Peak 4	5.25	5.20	5.30
PCB-1260 Peak 5	5.53	5.48	5.58

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200050.D
Lims ID: ICV 1660 Client ID:
Inject. Date: 01-Apr-2013 21:20:53 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0018420-050
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 50
Lims Batch ID: 80043 Lims Sample ID: 50
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:24 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100	1.576	1.576	0.000	14696514	0.9080		100.0	
1	2	1.866	1.867	-0.001	29640384	0.9855	165.5- 215.5	201.7	
1	3	2.267	2.267	0.000	66932016	1.05	356.7- 406.7	455.4	
1	4	2.389	2.389	0.000	27200657	1.01	144.0- 194.0	185.1	
1	5	2.774	2.774	0.000	27699213	0.9804	153.1- 203.1	188.5	
			Average of Peak Amounts =			0.9853			
2	6	2.138	2.137	0.001	41840052	0.9236		100.0	
2	7	2.538	2.537	0.001	87085521	1.00	165.6- 225.6	208.1	
2	8	2.993	2.992	0.001	197044596	1.08	366.1- 426.1	470.9	
2	9	3.131	3.131	0.000	82152081	1.04	144.6- 204.6	196.3	
2	10	3.618	3.617	0.001	63487604	0.9636	112.9- 172.9	151.7	
			Average of Peak Amounts =			1.00			
						RPD = 1.54			
10 PCB-1260									
1	100	3.982	3.982	0.000	41686475	0.9562		100.0	
1	2	4.269	4.270	-0.001	83974029	0.9751	172.1- 222.1	201.4	
1	3	4.549	4.549	0.000	77199062	0.9142	168.4- 218.4	185.2	
1	4	5.249	5.249	0.000	140884757	1.19	244.3- 294.3	338.0	
1	5	5.529	5.532	-0.003	61213576	1.09	104.3- 154.3	146.8	
			Average of Peak Amounts =			1.03			
2	6	4.949	4.951	-0.002	124509373	0.9588		100.0	
2	7	5.181	5.182	-0.001	143909090	0.99	80.1- 140.1	115.6	
2	8	5.548	5.547	0.001	215622179	0.9328	146.6- 206.6	173.2	
2	9	6.231	6.232	-0.001	328851587	1.22	174.1- 234.1	264.1	
2	10	6.610	6.611	-0.001	232003523	1.16	121.8- 181.8	186.3	
			Average of Peak Amounts =			1.05			
						RPD = 2.66			

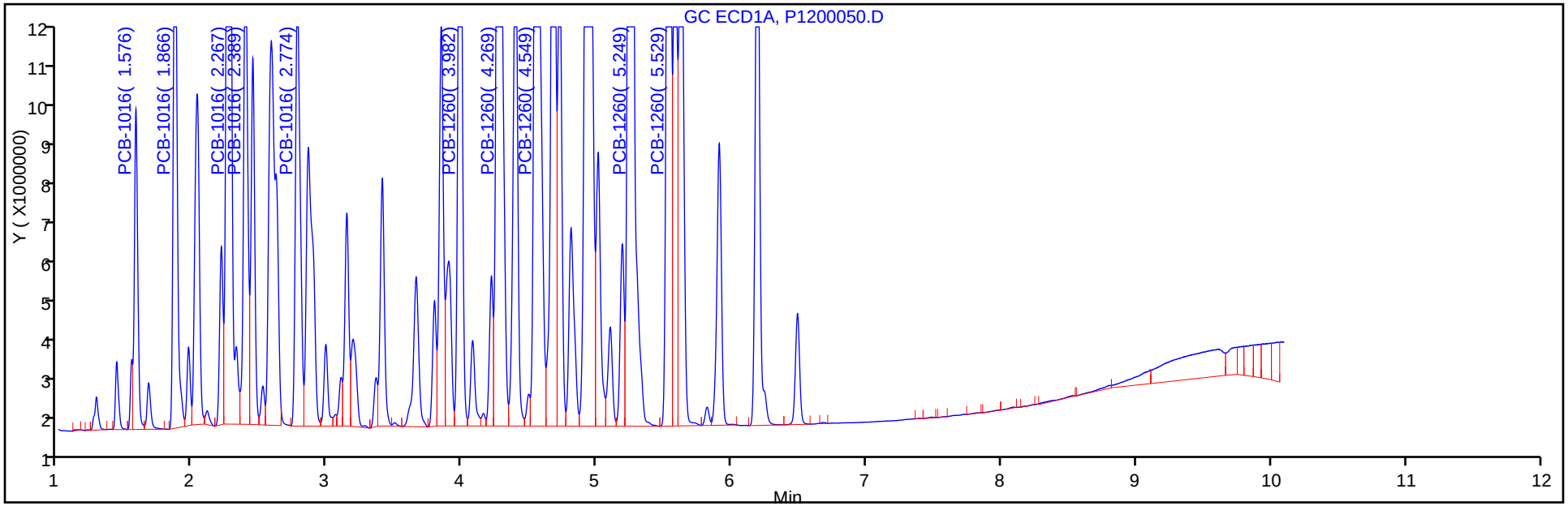
Report Date: 02-Apr-2013 07:01:39 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

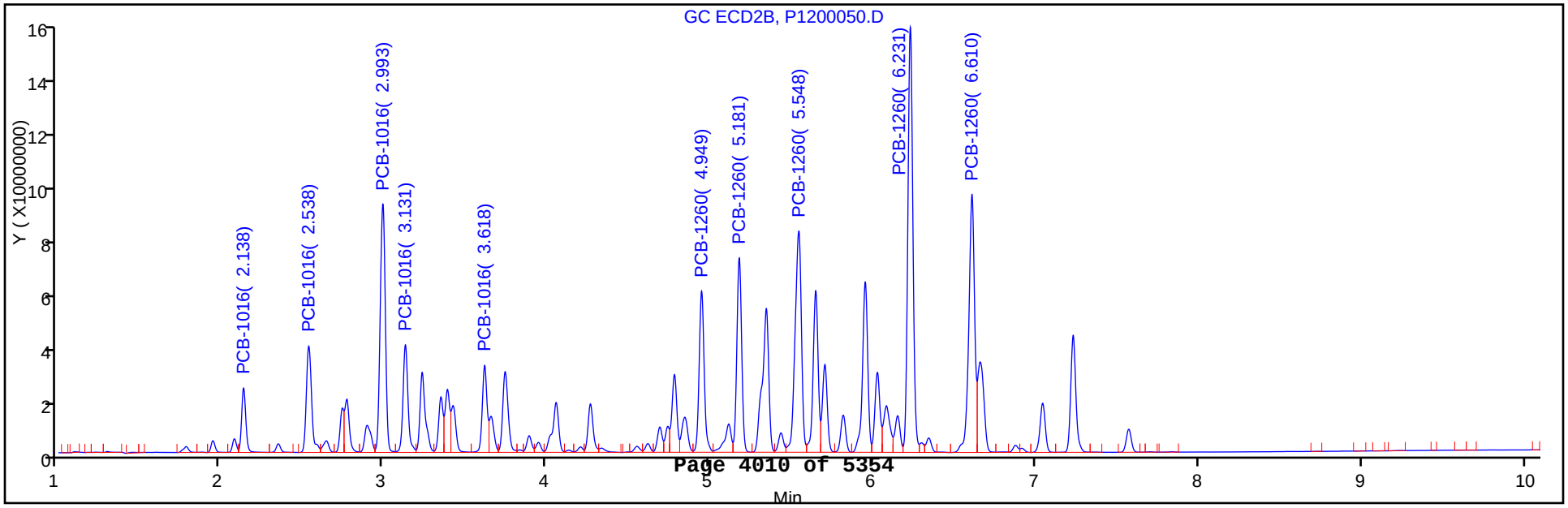
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200050.D

Injection Date:	01-Apr-2013 21:20:53	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	Lims Sample ID:	50
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-80043/50 Calibration Date: 04/01/2013 21:20

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200050.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	45299578	41840052		0.924	1.00	-7.6	20.0
PCB-1016 Peak 2	Ave	87494510	87085521		0.995	1.00	-0.5	20.0
PCB-1016 Peak 3	Ave	181900224	197044596		1.08	1.00	8.3	20.0
PCB-1016 Peak 4	Ave	79207688	82152081		1.04	1.00	3.7	20.0
PCB-1016 Peak 5	Ave	65886914	63487604		0.964	1.00	-3.6	20.0
PCB-1260 Peak 1	Ave	129864022	124509373		0.959	1.00	-4.1	20.0
PCB-1260 Peak 2	Ave	145267081	143909090		0.991	1.00	-0.9	20.0
PCB-1260 Peak 3	Ave	231145923	215622179		0.933	1.00	-6.7	20.0
PCB-1260 Peak 4	Ave	268767373	328851587		1.22	1.00	22.4*	20.0
PCB-1260 Peak 5	Ave	200141995	232003523		1.16	1.00	15.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-80043/50 Calibration Date: 04/01/2013 21:20

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200050.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.14	2.09	2.19
PCB-1016 Peak 2	2.54	2.49	2.59
PCB-1016 Peak 3	2.99	2.94	3.04
PCB-1016 Peak 4	3.13	3.08	3.18
PCB-1016 Peak 5	3.62	3.57	3.67
PCB-1260 Peak 1	4.95	4.90	5.00
PCB-1260 Peak 2	5.18	5.13	5.23
PCB-1260 Peak 3	5.55	5.50	5.60
PCB-1260 Peak 4	6.23	6.18	6.28
PCB-1260 Peak 5	6.61	6.56	6.66

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200050.D
Lims ID: ICV 1660 Client ID:
Inject. Date: 01-Apr-2013 21:20:53 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0018420-050
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 50
Lims Batch ID: 80043 Lims Sample ID: 50
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:24 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100	1.576	1.576	0.000	14696514	0.9080		100.0	
1	2	1.866	1.867	-0.001	29640384	0.9855	165.5- 215.5	201.7	
1	3	2.267	2.267	0.000	66932016	1.05	356.7- 406.7	455.4	
1	4	2.389	2.389	0.000	27200657	1.01	144.0- 194.0	185.1	
1	5	2.774	2.774	0.000	27699213	0.9804	153.1- 203.1	188.5	
			Average of Peak Amounts =			0.9853			
2	6	2.138	2.137	0.001	41840052	0.9236		100.0	
2	7	2.538	2.537	0.001	87085521	1.00	165.6- 225.6	208.1	
2	8	2.993	2.992	0.001	197044596	1.08	366.1- 426.1	470.9	
2	9	3.131	3.131	0.000	82152081	1.04	144.6- 204.6	196.3	
2	10	3.618	3.617	0.001	63487604	0.9636	112.9- 172.9	151.7	
			Average of Peak Amounts =			1.00			
						RPD = 1.54			
10 PCB-1260									
1	100	3.982	3.982	0.000	41686475	0.9562		100.0	
1	2	4.269	4.270	-0.001	83974029	0.9751	172.1- 222.1	201.4	
1	3	4.549	4.549	0.000	77199062	0.9142	168.4- 218.4	185.2	
1	4	5.249	5.249	0.000	140884757	1.19	244.3- 294.3	338.0	
1	5	5.529	5.532	-0.003	61213576	1.09	104.3- 154.3	146.8	
			Average of Peak Amounts =			1.03			
2	6	4.949	4.951	-0.002	124509373	0.9588		100.0	
2	7	5.181	5.182	-0.001	143909090	0.99	80.1- 140.1	115.6	
2	8	5.548	5.547	0.001	215622179	0.9328	146.6- 206.6	173.2	
2	9	6.231	6.232	-0.001	328851587	1.22	174.1- 234.1	264.1	
2	10	6.610	6.611	-0.001	232003523	1.16	121.8- 181.8	186.3	
			Average of Peak Amounts =			1.05			
						RPD = 2.66			

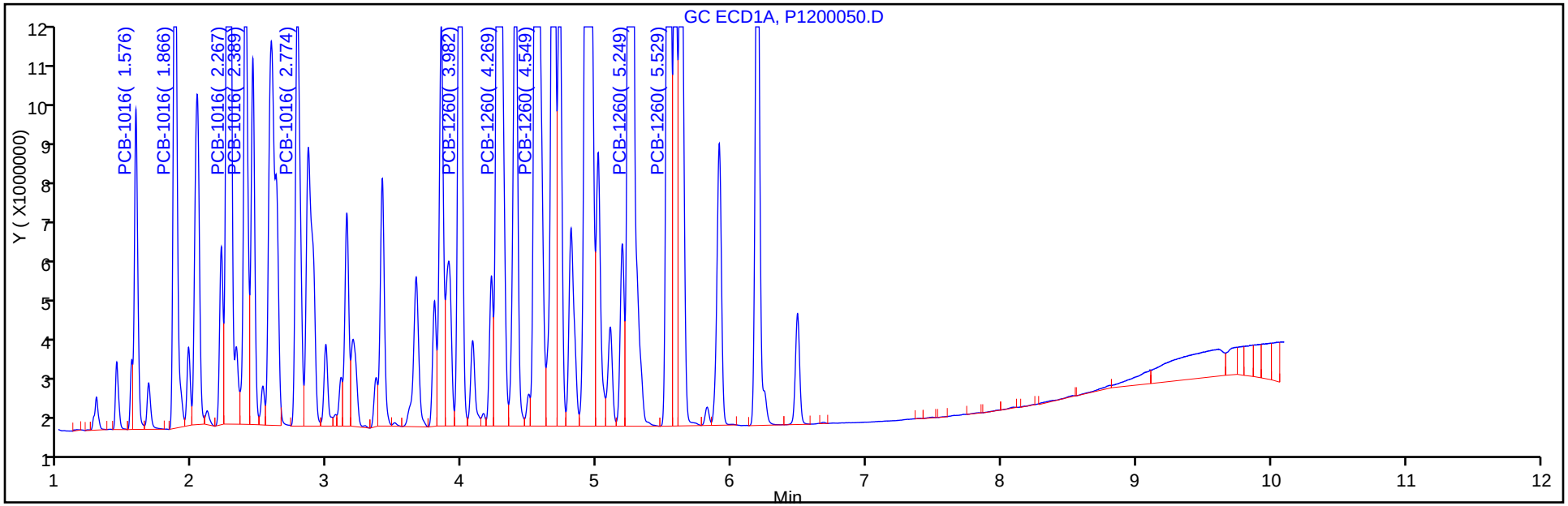
Report Date: 02-Apr-2013 07:01:39 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

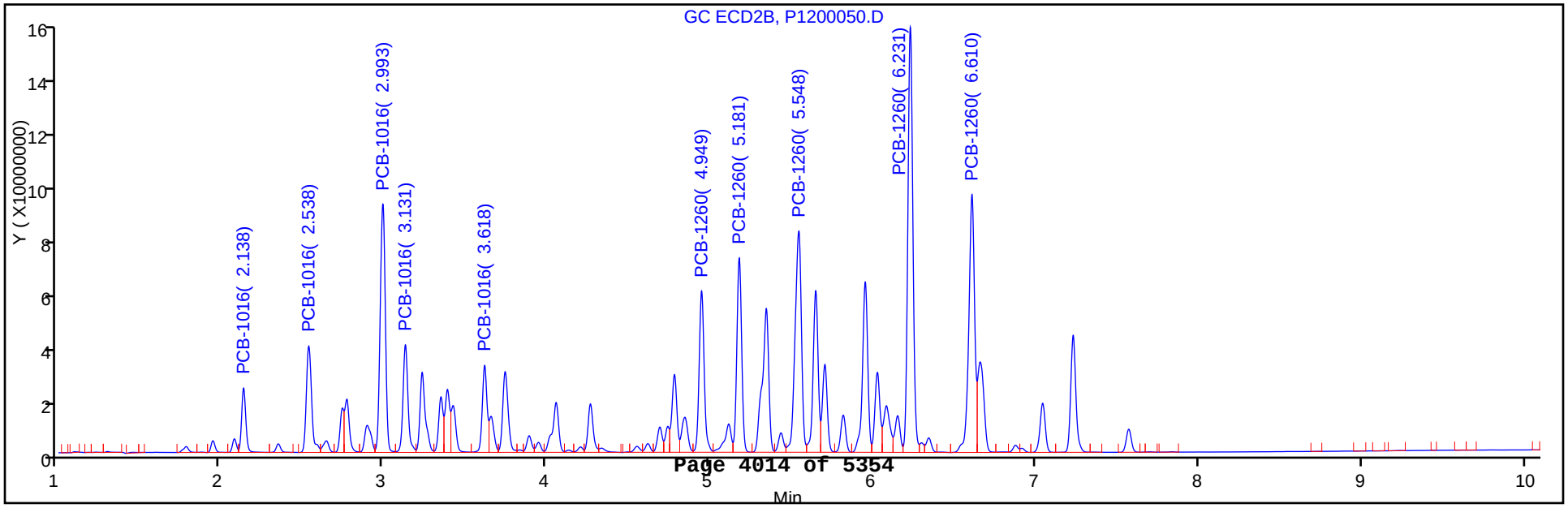
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200050.D

Injection Date:	01-Apr-2013 21:20:53	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	Lims Sample ID:	50
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-80924/3 Calibration Date: 04/08/2013 14:12

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200003.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	16186104	17576854		0.543	0.500	8.6	20.0
PCB-1016 Peak 2	Ave	30075346	32442186		0.539	0.500	7.9	20.0
PCB-1016 Peak 3	Ave	63982891	67773228		0.530	0.500	5.9	20.0
PCB-1016 Peak 4	Ave	27020466	29519726		0.546	0.500	9.2	20.0
PCB-1016 Peak 5	Ave	28253356	29657390		0.525	0.500	5.0	20.0
PCB-1260 Peak 1	Ave	43598192	44634096		0.512	0.500	2.4	20.0
PCB-1260 Peak 2	Ave	86122108	88137370		0.512	0.500	2.3	20.0
PCB-1260 Peak 3	Ave	84445888	88448430		0.524	0.500	4.7	20.0
PCB-1260 Peak 4	Ave	118319074	124897006		0.528	0.500	5.6	20.0
PCB-1260 Peak 5	Ave	56124257	58769878		0.524	0.500	4.7	20.0
Tetrachloro-m-xylene	Ave	980852090	1055553720		0.0269	0.0250	7.6	20.0
DCB Decachlorobiphenyl	Ave	1020004033	1065796920		0.0261	0.0250	4.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-80924/3 Calibration Date: 04/08/2013 14:12

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200003.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	1.58	1.53	1.63
PCB-1016 Peak 2	1.87	1.82	1.92
PCB-1016 Peak 3	2.27	2.22	2.32
PCB-1016 Peak 4	2.39	2.34	2.44
PCB-1016 Peak 5	2.77	2.72	2.82
PCB-1260 Peak 1	3.98	3.93	4.03
PCB-1260 Peak 2	4.27	4.22	4.32
PCB-1260 Peak 3	4.55	4.50	4.60
PCB-1260 Peak 4	5.25	5.20	5.30
PCB-1260 Peak 5	5.53	5.48	5.58
Tetrachloro-m-xylene	1.30	1.25	1.35
DCB Decachlorobiphenyl	6.68	6.63	6.73

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130408-18636.b\P1200003.D		
Lims ID:	CCV AR1660	Client ID:	
Inject. Date:	08-Apr-2013 14:12:15	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	240-0018636-003		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	3
Lims Batch ID:	80924	Lims Sample ID:	3
Sublist:	chrom-PCB12*sub5		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130408-18636.b\PCB12.m		
Last Update:	10-Apr-2013 07:49:24	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK033		
First Level Reviewer: hassl		Date:	10-Apr-2013 07:48:46

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.297	1.297	0.000	26388843	0.0269			
2	2	1.670	1.670	0.000	76830673	0.0288			
						RPD = 6.74			
6 PCB-1016									
1	100	1.575	1.575	0.000	8788427	0.5430		100.0	
1	2	1.865	1.865	0.000	16221093	0.5393	165.5- 215.5	184.6	
1	3	2.266	2.266	0.000	33886614	0.5296	356.7- 406.7	385.6	
1	4	2.387	2.387	0.000	14759863	0.5462	144.0- 194.0	167.9	
1	5	2.772	2.772	0.000	14828695	0.5248	153.1- 203.1	168.7	
			Average of Peak Amounts =			0.5366			
2	6	2.136	2.136	0.000	24506750	0.5410		100.0	
2	7	2.537	2.537	0.000	45465254	0.5196	165.6- 225.6	185.5	
2	8	2.991	2.991	0.000	103358199	0.5682	366.1- 426.1	421.8	
2	9	3.131	3.131	0.000	44208002	0.5581	144.6- 204.6	180.4	
2	10	3.617	3.617	0.000	34107723	0.5177	112.9- 172.9	139.2	
			Average of Peak Amounts =			0.5409			
						RPD = 0.80			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.981	3.981	0.000	22317048	0.5119		100.0	
1	2	4.269	4.269	0.000	44068685	0.5117	172.1- 222.1	197.5	
1	3	4.549	4.549	0.000	44224215	0.5237	168.4- 218.4	198.2	
1	4	5.248	5.248	0.000	62448503	0.5278	244.3- 294.3	279.8	
1	5	5.531	5.531	0.000	29384939	0.5236	104.3- 154.3	131.7	
			Average of Peak Amounts =			0.5197			
2	6	4.949	4.949	0.000	68052121	0.5240		100.0	
2	7	5.180	5.180	0.000	75955819	0.5229	80.1- 140.1	111.6	
2	8	5.546	5.546	0.000	123110314	0.5326	146.6- 206.6	180.9	
2	9	6.231	6.231	0.000	142710403	0.5310	174.1- 234.1	209.7	
2	10	6.611	6.611	0.000	104369360	0.5215	121.8- 181.8	153.4	
			Average of Peak Amounts =			0.5264			
						RPD = 1.27			
$ 12 DCB Decachlorobiphenyl									
1	100	6.682	6.682	0.000	26644923	0.0261			
2	2	7.840	7.840	0.000	72546342	0.0245			
						RPD = 6.32			

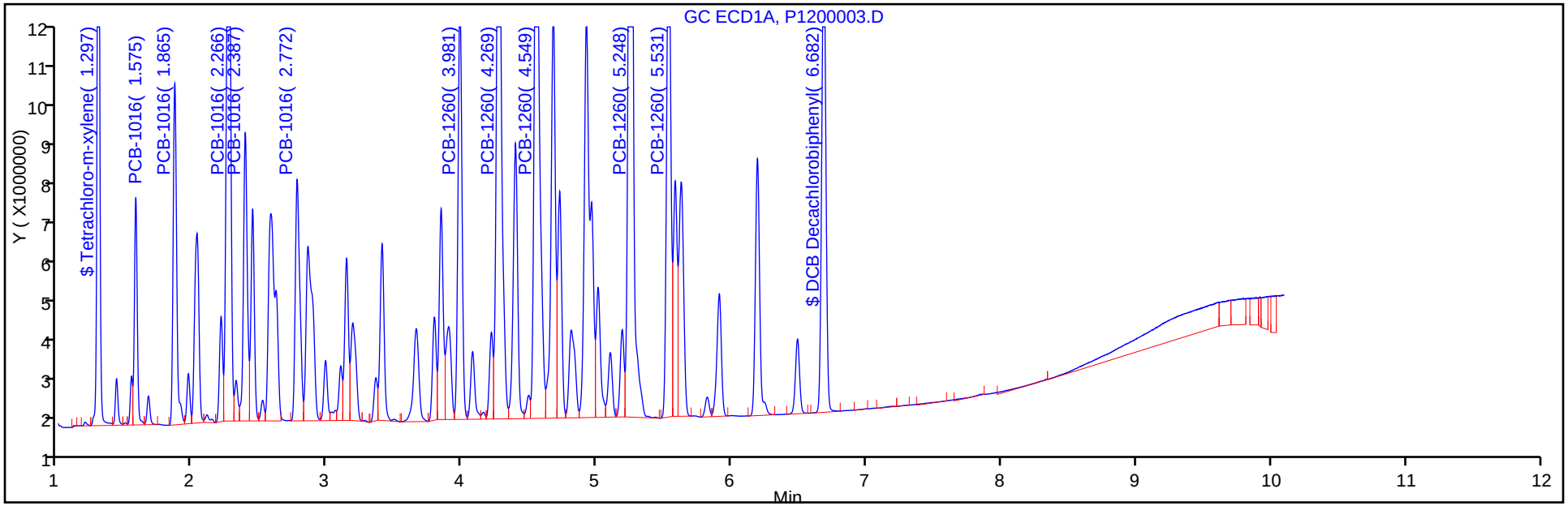
Report Date: 10-Apr-2013 07:49:25 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

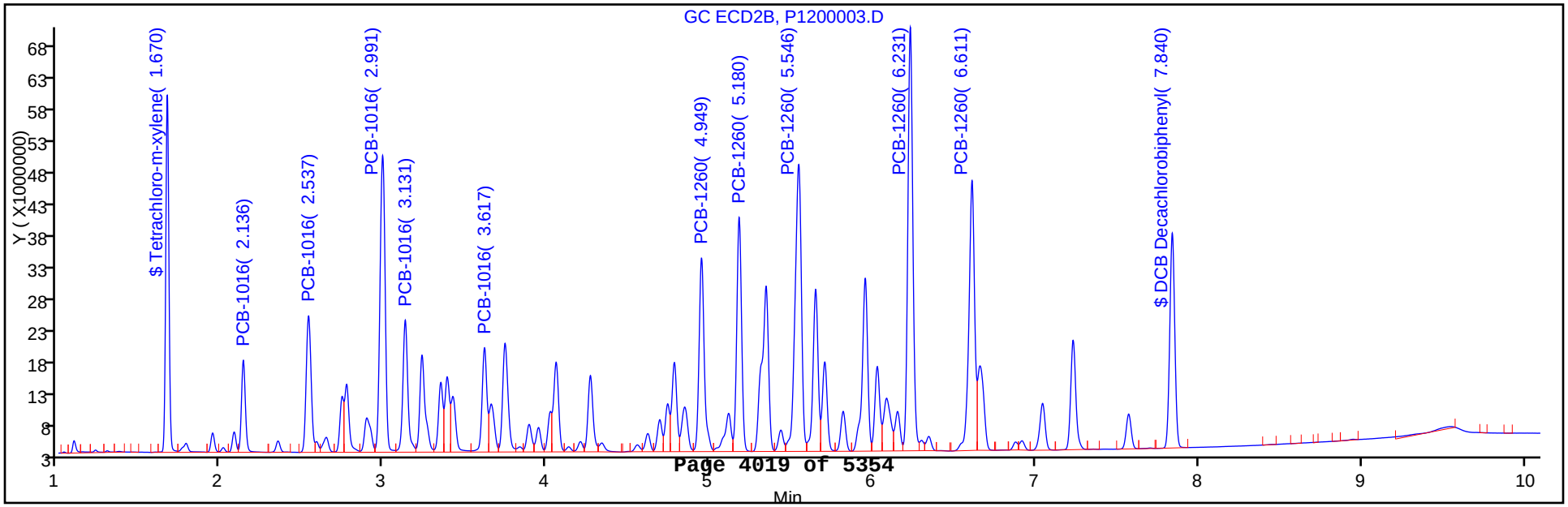
Data File: \\Ncchrom\ChromData\A2HP12\20130408-18636.b\P1200003.D

Injection Date:	08-Apr-2013 14:12:15	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80924	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-80924/3 Calibration Date: 04/08/2013 14:12

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200003.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	45299578	49013500		0.541	0.500	8.2	20.0
PCB-1016 Peak 2	Ave	87494510	90930508		0.520	0.500	3.9	20.0
PCB-1016 Peak 3	Ave	181900224	206716398		0.568	0.500	13.6	20.0
PCB-1016 Peak 4	Ave	79207688	88416004		0.558	0.500	11.6	20.0
PCB-1016 Peak 5	Ave	65886914	68215446		0.518	0.500	3.5	20.0
PCB-1260 Peak 1	Ave	129864022	136104242		0.524	0.500	4.8	20.0
PCB-1260 Peak 2	Ave	145267081	151911638		0.523	0.500	4.6	20.0
PCB-1260 Peak 3	Ave	231145923	246220628		0.533	0.500	6.5	20.0
PCB-1260 Peak 4	Ave	268767373	285420806		0.531	0.500	6.2	20.0
PCB-1260 Peak 5	Ave	200141995	208738720		0.521	0.500	4.3	20.0
Tetrachloro-m-xylene	Ave	2669425812	3073226920		0.0288	0.0250	15.1	20.0
DCB Decachlorobiphenyl	Ave	2958379632	2901853680		0.0245	0.0250	-1.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-80924/3 Calibration Date: 04/08/2013 14:12

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200003.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.14	2.09	2.19
PCB-1016 Peak 2	2.54	2.49	2.59
PCB-1016 Peak 3	2.99	2.94	3.04
PCB-1016 Peak 4	3.13	3.08	3.18
PCB-1016 Peak 5	3.62	3.57	3.67
PCB-1260 Peak 1	4.95	4.90	5.00
PCB-1260 Peak 2	5.18	5.13	5.23
PCB-1260 Peak 3	5.55	5.50	5.60
PCB-1260 Peak 4	6.23	6.18	6.28
PCB-1260 Peak 5	6.61	6.56	6.66
Tetrachloro-m-xylene	1.67	1.62	1.72
DCB Decachlorobiphenyl	7.84	7.79	7.89

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130408-18636.b\P1200003.D		
Lims ID:	CCV AR1660	Client ID:	
Inject. Date:	08-Apr-2013 14:12:15	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	240-0018636-003		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	3
Lims Batch ID:	80924	Lims Sample ID:	3
Sublist:	chrom-PCB12*sub5		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130408-18636.b\PCB12.m		
Last Update:	10-Apr-2013 07:49:24	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK033		

First Level Reviewer: hassl Date: 10-Apr-2013 07:48:46

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.297	1.297	0.000	26388843	0.0269			
2	2	1.670	1.670	0.000	76830673	0.0288			
						RPD = 6.74			
6 PCB-1016									
1	100	1.575	1.575	0.000	8788427	0.5430		100.0	
1	2	1.865	1.865	0.000	16221093	0.5393	165.5- 215.5	184.6	
1	3	2.266	2.266	0.000	33886614	0.5296	356.7- 406.7	385.6	
1	4	2.387	2.387	0.000	14759863	0.5462	144.0- 194.0	167.9	
1	5	2.772	2.772	0.000	14828695	0.5248	153.1- 203.1	168.7	
			Average of Peak Amounts =			0.5366			
2	6	2.136	2.136	0.000	24506750	0.5410		100.0	
2	7	2.537	2.537	0.000	45465254	0.5196	165.6- 225.6	185.5	
2	8	2.991	2.991	0.000	103358199	0.5682	366.1- 426.1	421.8	
2	9	3.131	3.131	0.000	44208002	0.5581	144.6- 204.6	180.4	
2	10	3.617	3.617	0.000	34107723	0.5177	112.9- 172.9	139.2	
			Average of Peak Amounts =			0.5409			
						RPD = 0.80			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.981	3.981	0.000	22317048	0.5119		100.0	
1	2	4.269	4.269	0.000	44068685	0.5117	172.1- 222.1	197.5	
1	3	4.549	4.549	0.000	44224215	0.5237	168.4- 218.4	198.2	
1	4	5.248	5.248	0.000	62448503	0.5278	244.3- 294.3	279.8	
1	5	5.531	5.531	0.000	29384939	0.5236	104.3- 154.3	131.7	
			Average of Peak Amounts =			0.5197			
2	6	4.949	4.949	0.000	68052121	0.5240		100.0	
2	7	5.180	5.180	0.000	75955819	0.5229	80.1- 140.1	111.6	
2	8	5.546	5.546	0.000	123110314	0.5326	146.6- 206.6	180.9	
2	9	6.231	6.231	0.000	142710403	0.5310	174.1- 234.1	209.7	
2	10	6.611	6.611	0.000	104369360	0.5215	121.8- 181.8	153.4	
			Average of Peak Amounts =			0.5264			
						RPD = 1.27			
$ 12 DCB Decachlorobiphenyl									
1	100	6.682	6.682	0.000	26644923	0.0261			
2	2	7.840	7.840	0.000	72546342	0.0245			
						RPD = 6.32			

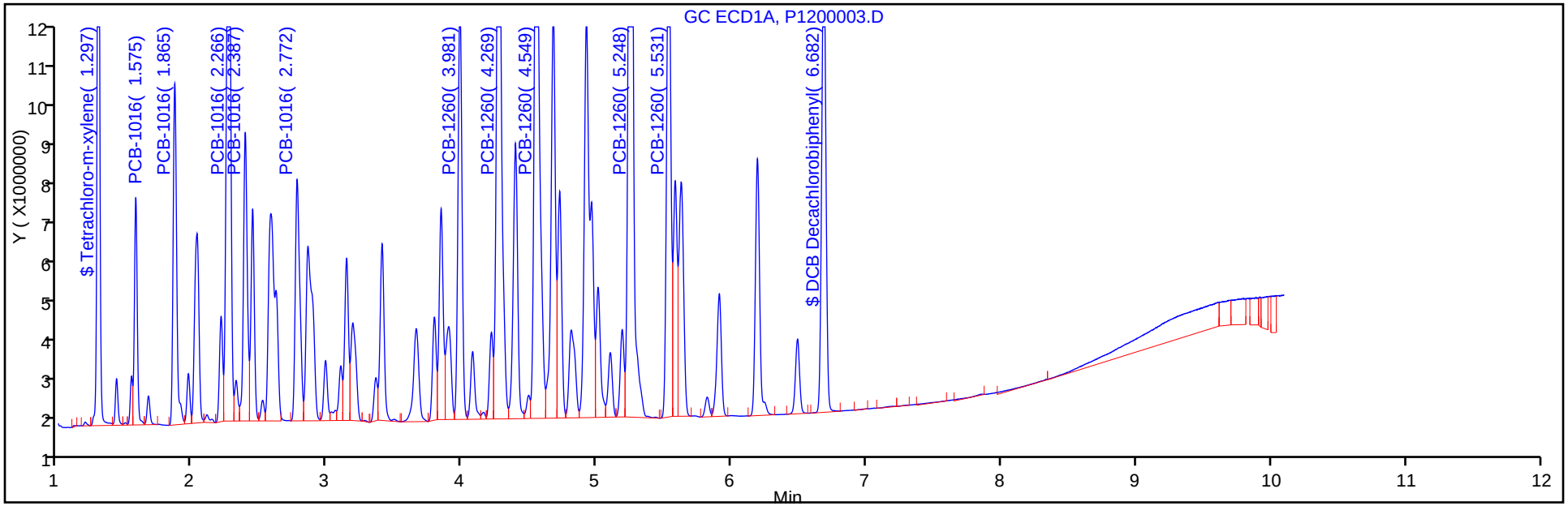
Report Date: 10-Apr-2013 07:49:25 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

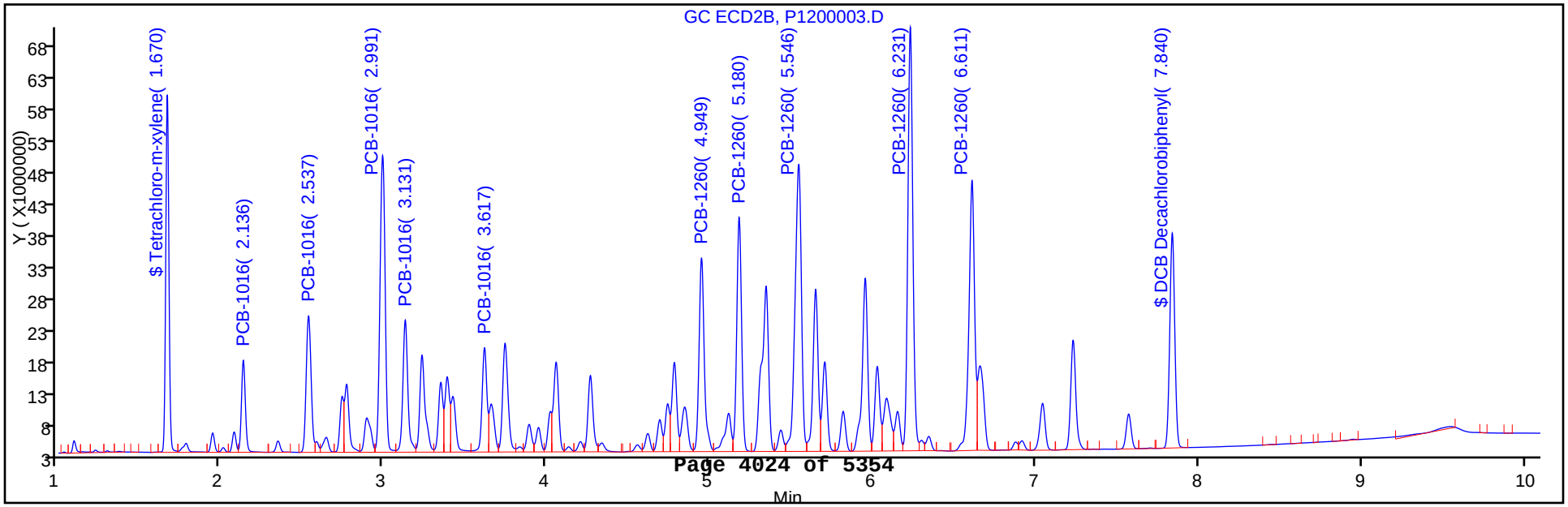
Data File: \\Ncchrom\ChromData\A2HP12\20130408-18636.b\P1200003.D

Injection Date:	08-Apr-2013 14:12:15	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80924	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-80924/9 Calibration Date: 04/08/2013 15:37

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200009.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	16186104	18034798		0.557	0.500	11.4	20.0
PCB-1016 Peak 2	Ave	30075346	32399438		0.539	0.500	7.7	20.0
PCB-1016 Peak 3	Ave	63982891	72462580		0.566	0.500	13.3	20.0
PCB-1016 Peak 4	Ave	27020466	29299138		0.542	0.500	8.4	20.0
PCB-1016 Peak 5	Ave	28253356	29514512		0.522	0.500	4.5	20.0
PCB-1260 Peak 1	Ave	43598192	44614428		0.512	0.500	2.3	20.0
PCB-1260 Peak 2	Ave	86122108	89127494		0.517	0.500	3.5	20.0
PCB-1260 Peak 3	Ave	84445888	89334358		0.529	0.500	5.8	20.0
PCB-1260 Peak 4	Ave	118319074	126922320		0.536	0.500	7.3	20.0
PCB-1260 Peak 5	Ave	56124257	59540538		0.530	0.500	6.1	20.0
Tetrachloro-m-xylene	Ave	980852090	1078432360		0.0275	0.0250	9.9	20.0
DCB Decachlorobiphenyl	Ave	1020004033	1066266720		0.0261	0.0250	4.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-80924/9 Calibration Date: 04/08/2013 15:37

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200009.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	1.58	1.53	1.63
PCB-1016 Peak 2	1.87	1.82	1.92
PCB-1016 Peak 3	2.27	2.22	2.32
PCB-1016 Peak 4	2.39	2.34	2.44
PCB-1016 Peak 5	2.77	2.72	2.82
PCB-1260 Peak 1	3.98	3.93	4.03
PCB-1260 Peak 2	4.27	4.22	4.32
PCB-1260 Peak 3	4.55	4.50	4.60
PCB-1260 Peak 4	5.25	5.20	5.30
PCB-1260 Peak 5	5.53	5.48	5.58
Tetrachloro-m-xylene	1.30	1.25	1.35
DCB Decachlorobiphenyl	6.68	6.63	6.73

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130408-18636.b\P1200009.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 08-Apr-2013 15:37:17 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0018636-009
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 9
Lims Batch ID: 80924 Lims Sample ID: 9
Sublist: chrom-PCB12*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130408-18636.b\PCB12.m
Last Update: 09-Apr-2013 14:40:09 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK030

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.297	1.297	0.000	26960809	0.0275			
2	2	1.670	1.670	0.000	77944227	0.0292			
						RPD = 6.04			
6 PCB-1016									
1	100	1.575	1.575	0.000	9017399	0.5571		100.0	
1	2	1.865	1.865	0.000	16199719	0.5386	165.5- 215.5	179.6	
1	3	2.266	2.266	0.000	36231290	0.5663	356.7- 406.7	401.8	
1	4	2.388	2.388	0.000	14649569	0.5422	144.0- 194.0	162.5	
1	5	2.774	2.774	0.000	14757256	0.5223	153.1- 203.1	163.7	
			Average of Peak Amounts =			0.5453			
2	6	2.137	2.137	0.000	25189779	0.5561		100.0	
2	7	2.537	2.537	0.000	48039967	0.5491	165.6- 225.6	190.7	
2	8	2.993	2.993	0.000	103656873	0.5699	366.1- 426.1	411.5	
2	9	3.132	3.132	0.000	44362880	0.5601	144.6- 204.6	176.1	
2	10	3.618	3.618	0.000	33993063	0.5159	112.9- 172.9	134.9	
			Average of Peak Amounts =			0.5502			
						RPD = 0.89			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.982	3.982	0.000	22307214	0.5117		100.0	
1	2	4.270	4.270	0.000	44563747	0.5174	172.1- 222.1	199.8	
1	3	4.547	4.547	0.000	44667179	0.5289	168.4- 218.4	200.2	
1	4	5.247	5.247	0.000	63461160	0.5364	244.3- 294.3	284.5	
1	5	5.531	5.531	0.000	29770269	0.5304	104.3- 154.3	133.5	
			Average of Peak Amounts =			0.5250			
2	6	4.950	4.950	0.000	68074377	0.5242		100.0	
2	7	5.182	5.182	0.000	76676388	0.5278	80.1- 140.1	112.6	
2	8	5.547	5.547	0.000	123552775	0.5345	146.6- 206.6	181.5	
2	9	6.232	6.232	0.000	144208703	0.5366	174.1- 234.1	211.8	
2	10	6.610	6.610	0.000	105738388	0.5283	121.8- 181.8	155.3	
			Average of Peak Amounts =			0.5303			
						RPD = 1.01			
$ 12 DCB Decachlorobiphenyl									
1	100	6.682	6.682	0.000	26656668	0.0261			
2	2	7.840	7.840	0.000	73269156	0.0248			
						RPD = 5.37			

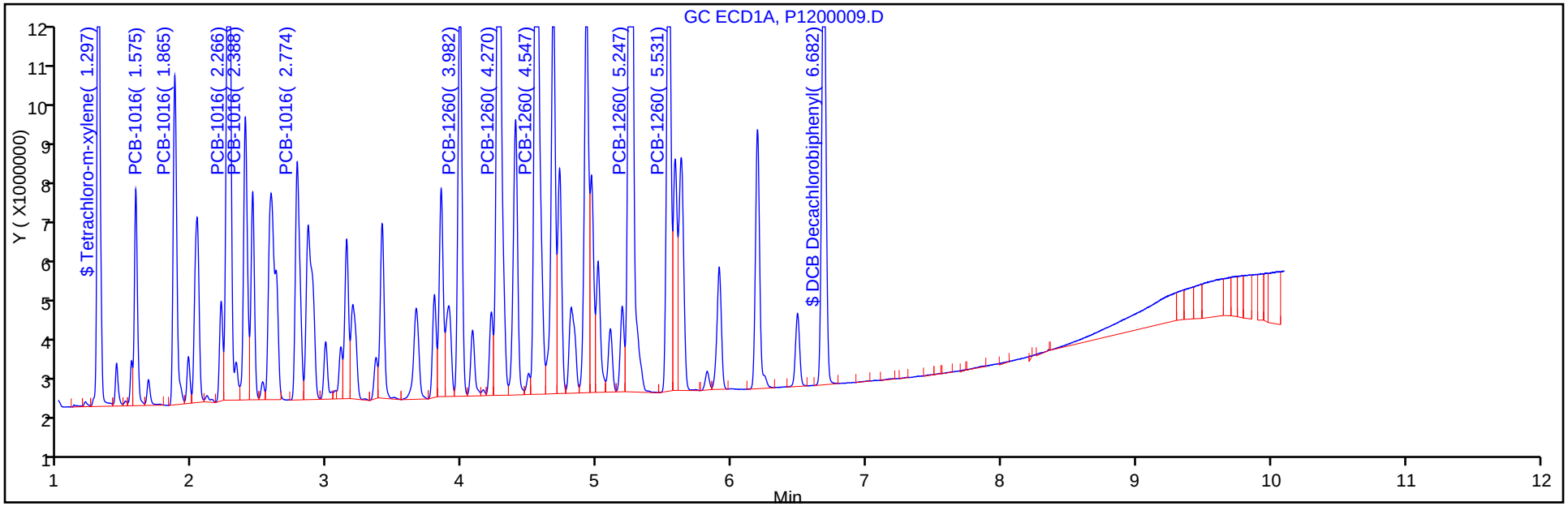
Report Date: 09-Apr-2013 14:40:09 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

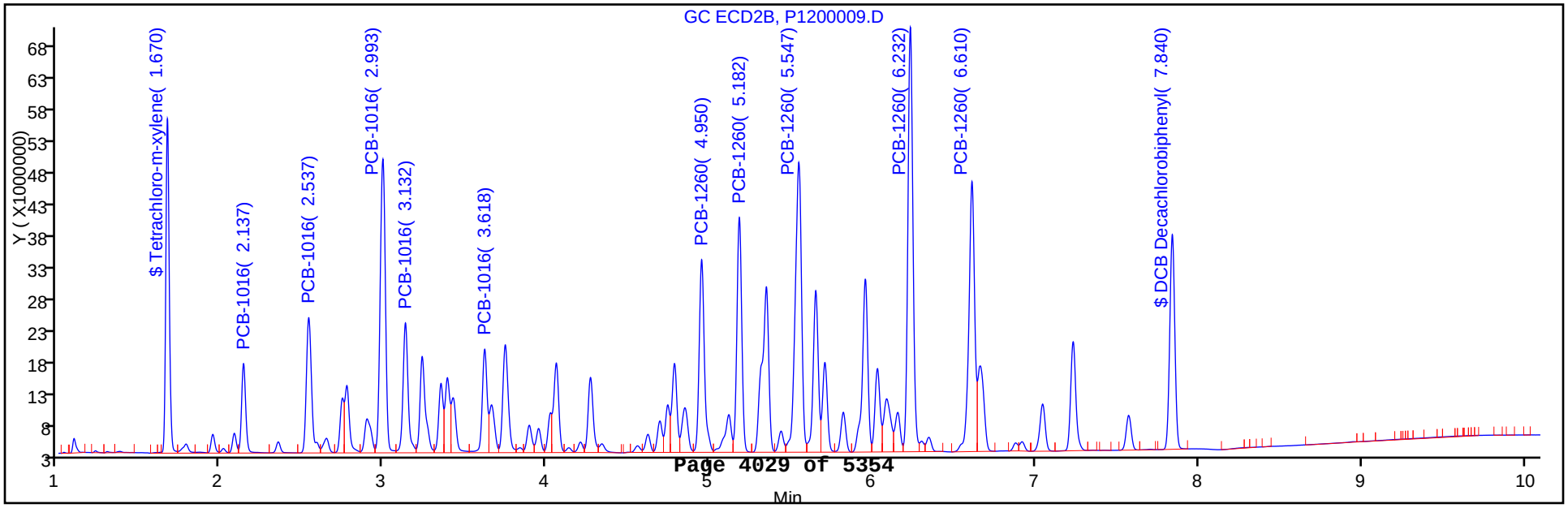
Data File: \\Ncchrom\ChromData\A2HP12\20130408-18636.b\P1200009.D

Injection Date:	08-Apr-2013 15:37:17	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80924	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-80924/9 Calibration Date: 04/08/2013 15:37

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200009.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	45299578	50379558		0.556	0.500	11.2	20.0
PCB-1016 Peak 2	Ave	87494510	96079934		0.549	0.500	9.8	20.0
PCB-1016 Peak 3	Ave	181900224	207313746		0.570	0.500	14.0	20.0
PCB-1016 Peak 4	Ave	79207688	88725760		0.560	0.500	12.0	20.0
PCB-1016 Peak 5	Ave	65886914	67986126		0.516	0.500	3.2	20.0
PCB-1260 Peak 1	Ave	129864022	136148754		0.524	0.500	4.8	20.0
PCB-1260 Peak 2	Ave	145267081	153352776		0.528	0.500	5.6	20.0
PCB-1260 Peak 3	Ave	231145923	247105550		0.535	0.500	6.9	20.0
PCB-1260 Peak 4	Ave	268767373	288417406		0.537	0.500	7.3	20.0
PCB-1260 Peak 5	Ave	200141995	211476776		0.528	0.500	5.7	20.0
Tetrachloro-m-xylene	Ave	2669425812	3117769080		0.0292	0.0250	16.8	20.0
DCB Decachlorobiphenyl	Ave	2958379632	2930766240		0.0248	0.0250	-0.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-80924/9 Calibration Date: 04/08/2013 15:37

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200009.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.14	2.09	2.19
PCB-1016 Peak 2	2.54	2.49	2.59
PCB-1016 Peak 3	2.99	2.94	3.04
PCB-1016 Peak 4	3.13	3.08	3.18
PCB-1016 Peak 5	3.62	3.57	3.67
PCB-1260 Peak 1	4.95	4.90	5.00
PCB-1260 Peak 2	5.18	5.13	5.23
PCB-1260 Peak 3	5.55	5.50	5.60
PCB-1260 Peak 4	6.23	6.18	6.28
PCB-1260 Peak 5	6.61	6.56	6.66
Tetrachloro-m-xylene	1.67	1.62	1.72
DCB Decachlorobiphenyl	7.84	7.79	7.89

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130408-18636.b\P1200009.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 08-Apr-2013 15:37:17 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0018636-009
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 9
Lims Batch ID: 80924 Lims Sample ID: 9
Sublist: chrom-PCB12*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130408-18636.b\PCB12.m
Last Update: 09-Apr-2013 14:40:09 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK030

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.297	1.297	0.000	26960809	0.0275			
2	2	1.670	1.670	0.000	77944227	0.0292			
						RPD = 6.04			
6 PCB-1016									
1	100	1.575	1.575	0.000	9017399	0.5571		100.0	
1	2	1.865	1.865	0.000	16199719	0.5386	165.5- 215.5	179.6	
1	3	2.266	2.266	0.000	36231290	0.5663	356.7- 406.7	401.8	
1	4	2.388	2.388	0.000	14649569	0.5422	144.0- 194.0	162.5	
1	5	2.774	2.774	0.000	14757256	0.5223	153.1- 203.1	163.7	
			Average of Peak Amounts =			0.5453			
2	6	2.137	2.137	0.000	25189779	0.5561		100.0	
2	7	2.537	2.537	0.000	48039967	0.5491	165.6- 225.6	190.7	
2	8	2.993	2.993	0.000	103656873	0.5699	366.1- 426.1	411.5	
2	9	3.132	3.132	0.000	44362880	0.5601	144.6- 204.6	176.1	
2	10	3.618	3.618	0.000	33993063	0.5159	112.9- 172.9	134.9	
			Average of Peak Amounts =			0.5502			
						RPD = 0.89			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.982	3.982	0.000	22307214	0.5117		100.0	
1	2	4.270	4.270	0.000	44563747	0.5174	172.1- 222.1	199.8	
1	3	4.547	4.547	0.000	44667179	0.5289	168.4- 218.4	200.2	
1	4	5.247	5.247	0.000	63461160	0.5364	244.3- 294.3	284.5	
1	5	5.531	5.531	0.000	29770269	0.5304	104.3- 154.3	133.5	
			Average of Peak Amounts =			0.5250			
2	6	4.950	4.950	0.000	68074377	0.5242		100.0	
2	7	5.182	5.182	0.000	76676388	0.5278	80.1- 140.1	112.6	
2	8	5.547	5.547	0.000	123552775	0.5345	146.6- 206.6	181.5	
2	9	6.232	6.232	0.000	144208703	0.5366	174.1- 234.1	211.8	
2	10	6.610	6.610	0.000	105738388	0.5283	121.8- 181.8	155.3	
			Average of Peak Amounts =			0.5303			
						RPD = 1.01			
$ 12 DCB Decachlorobiphenyl									
1	100	6.682	6.682	0.000	26656668	0.0261			
2	2	7.840	7.840	0.000	73269156	0.0248			
						RPD = 5.37			

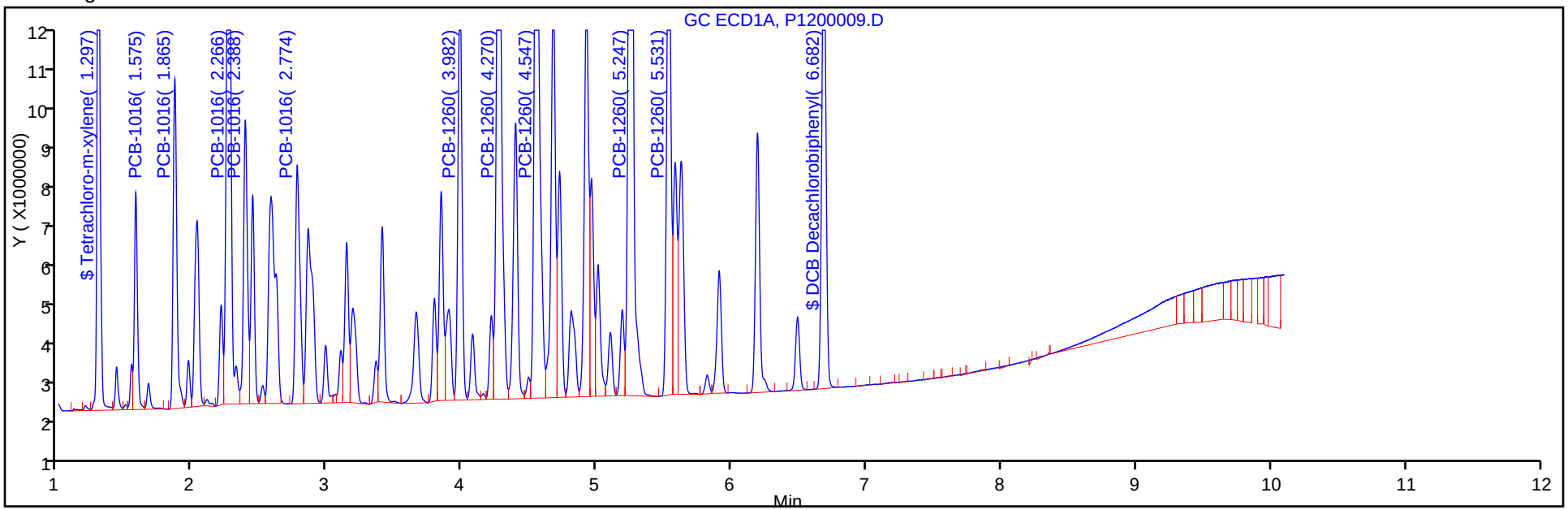
Report Date: 09-Apr-2013 14:40:10 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

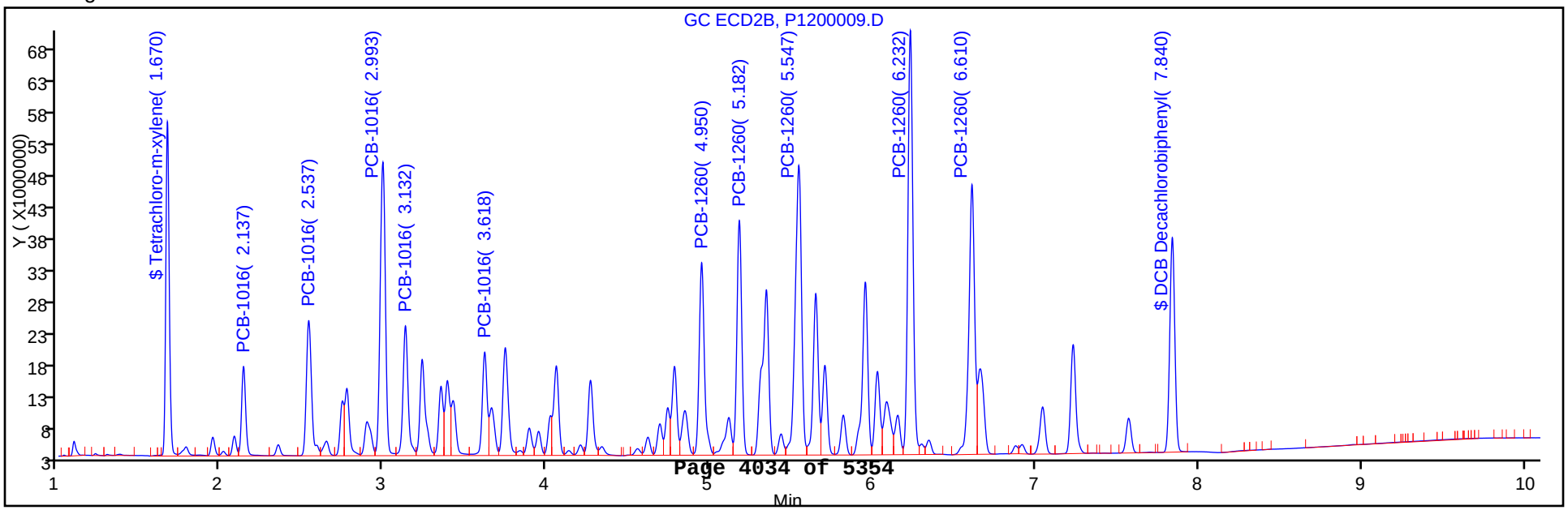
Data File: \\Ncchrom\ChromData\A2HP12\20130408-18636.b\P1200009.D

Injection Date:	08-Apr-2013 15:37:17	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80924	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-81439/3 Calibration Date: 04/11/2013 08:20

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200003.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	16186104	17308802		0.535	0.500	6.9	20.0
PCB-1016 Peak 2	Ave	30075346	32109688		0.534	0.500	6.8	20.0
PCB-1016 Peak 3	Ave	63982891	71779208		0.561	0.500	12.2	20.0
PCB-1016 Peak 4	Ave	27020466	29305386		0.542	0.500	8.5	20.0
PCB-1016 Peak 5	Ave	28253356	29481680		0.522	0.500	4.3	20.0
PCB-1260 Peak 1	Ave	43598192	44499878		0.510	0.500	2.1	20.0
PCB-1260 Peak 2	Ave	86122108	88077896		0.511	0.500	2.3	20.0
PCB-1260 Peak 3	Ave	84445888	88494544		0.524	0.500	4.8	20.0
PCB-1260 Peak 4	Ave	118319074	123631128		0.522	0.500	4.5	20.0
PCB-1260 Peak 5	Ave	56124257	57350044		0.511	0.500	2.2	20.0
Tetrachloro-m-xylene	Ave	980852090	1050730520		0.0268	0.0250	7.1	20.0
DCB Decachlorobiphenyl	Ave	1020004033	1030349720		0.0253	0.0250	1.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-81439/3 Calibration Date: 04/11/2013 08:20

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200003.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	1.58	1.53	1.63
PCB-1016 Peak 2	1.87	1.82	1.92
PCB-1016 Peak 3	2.27	2.22	2.32
PCB-1016 Peak 4	2.39	2.34	2.44
PCB-1016 Peak 5	2.78	2.73	2.83
PCB-1260 Peak 1	3.98	3.93	4.03
PCB-1260 Peak 2	4.27	4.22	4.32
PCB-1260 Peak 3	4.55	4.50	4.60
PCB-1260 Peak 4	5.25	5.20	5.30
PCB-1260 Peak 5	5.53	5.48	5.58
Tetrachloro-m-xylene	1.30	1.25	1.35
DCB Decachlorobiphenyl	6.69	6.64	6.74

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200003.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 11-Apr-2013 08:20:56 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0018757-003
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 3
Lims Batch ID: 81439 Lims Sample ID: 3
Sublist: chrom-PCB12*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\PCB12.m
Last Update: 12-Apr-2013 08:14:05 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK025

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.300	0.000	26268263	0.0268			
2	2	1.671	1.671	0.000	76296359	0.0286			
						RPD = 6.50			
6 PCB-1016									
1	100	1.578	1.578	0.000	8654401	0.5347		100.0	
1	2	1.867	1.867	0.000	16054844	0.5338	165.5- 215.5	185.5	
1	3	2.269	2.269	0.000	35889604	0.5609	356.7- 406.7	414.7	
1	4	2.391	2.391	0.000	14652693	0.5423	144.0- 194.0	169.3	
1	5	2.776	2.776	0.000	14740840	0.5217	153.1- 203.1	170.3	
			Average of Peak Amounts =			0.5387			
2	6	2.138	2.138	0.000	24000426	0.5298		100.0	
2	7	2.539	2.539	0.000	47288364	0.5405	165.6- 225.6	197.0	
2	8	2.993	2.993	0.000	102229386	0.5620	366.1- 426.1	425.9	
2	9	3.131	3.131	0.000	43261045	0.5462	144.6- 204.6	180.3	
2	10	3.618	3.618	0.000	33225271	0.5043	112.9- 172.9	138.4	
			Average of Peak Amounts =			0.5365			
						RPD = 0.40			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.984	3.984	0.000	22249939	0.5103		100.0	
1	2	4.271	4.271	0.000	44038948	0.5114	172.1- 222.1	197.9	
1	3	4.551	4.551	0.000	44247272	0.5240	168.4- 218.4	198.9	
1	4	5.251	5.251	0.000	61815564	0.5224	244.3- 294.3	277.8	
1	5	5.532	5.532	0.000	28675022	0.5109	104.3- 154.3	128.9	
			Average of Peak Amounts =			0.5158			
2	6	4.951	4.951	0.000	67549167	0.5202		100.0	
2	7	5.182	5.182	0.000	76198345	0.5245	80.1- 140.1	112.8	
2	8	5.548	5.548	0.000	121511406	0.5257	146.6- 206.6	179.9	
2	9	6.232	6.232	0.000	140358025	0.5222	174.1- 234.1	207.8	
2	10	6.612	6.612	0.000	102346971	0.5114	121.8- 181.8	151.5	
			Average of Peak Amounts =			0.5208			
						RPD = 0.96			
$ 12 DCB Decachlorobiphenyl									
1	100	6.685	6.685	0.000	25758743	0.0253			
2	2	7.841	7.841	0.000	66493576	0.0225			
						RPD = 11.64			

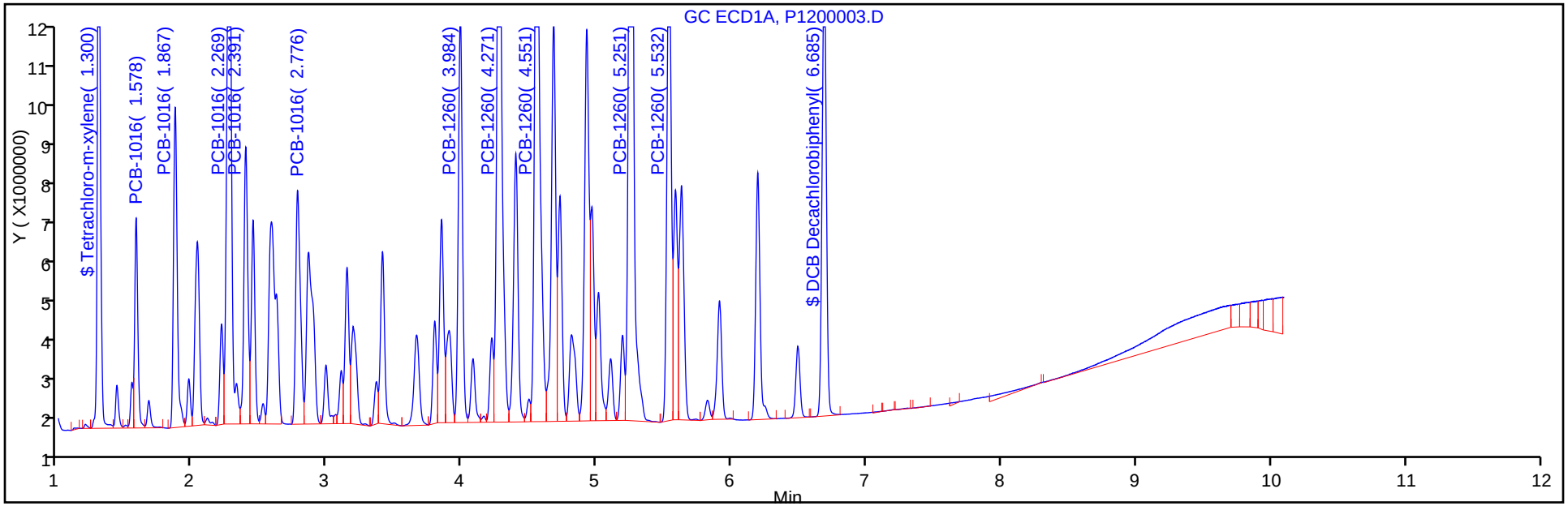
Report Date: 12-Apr-2013 08:14:05 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

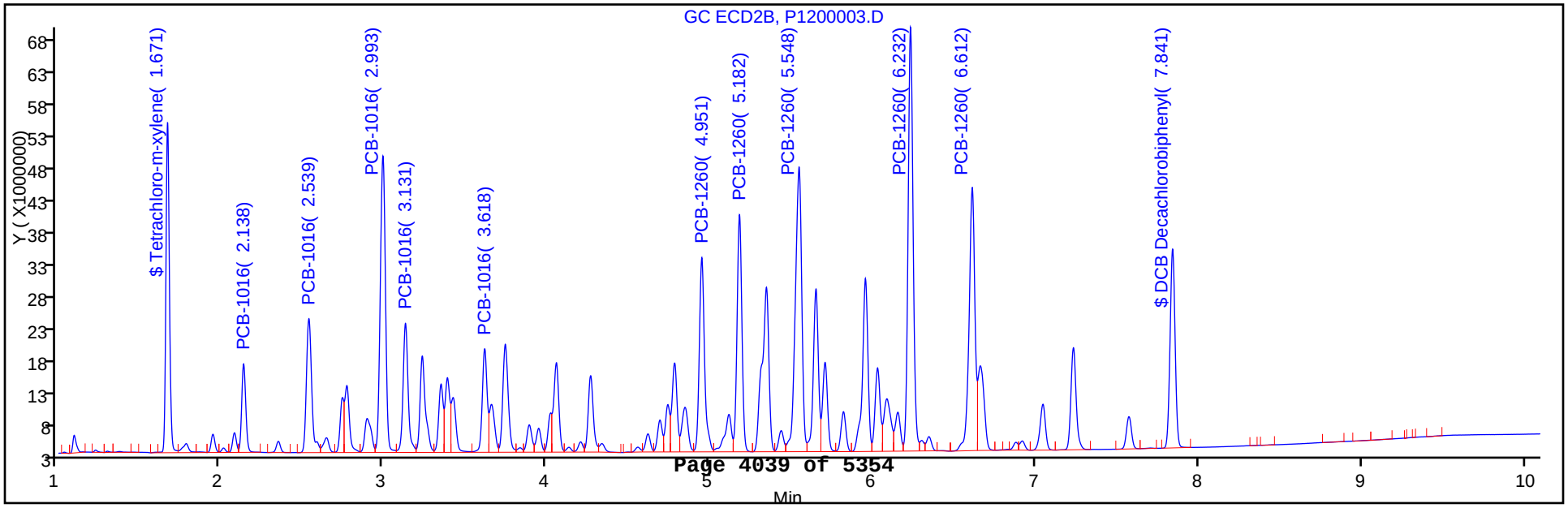
Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200003.D

Injection Date:	11-Apr-2013 08:20:56	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81439	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-81439/3 Calibration Date: 04/11/2013 08:20

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200003.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	45299578	48000852		0.530	0.500	6.0	20.0
PCB-1016 Peak 2	Ave	87494510	94576728		0.540	0.500	8.1	20.0
PCB-1016 Peak 3	Ave	181900224	204458772		0.562	0.500	12.4	20.0
PCB-1016 Peak 4	Ave	79207688	86522090		0.546	0.500	9.2	20.0
PCB-1016 Peak 5	Ave	65886914	66450542		0.504	0.500	0.9	20.0
PCB-1260 Peak 1	Ave	129864022	135098334		0.520	0.500	4.0	20.0
PCB-1260 Peak 2	Ave	145267081	152396690		0.525	0.500	4.9	20.0
PCB-1260 Peak 3	Ave	231145923	243022812		0.526	0.500	5.1	20.0
PCB-1260 Peak 4	Ave	268767373	280716050		0.522	0.500	4.4	20.0
PCB-1260 Peak 5	Ave	200141995	204693942		0.511	0.500	2.3	20.0
Tetrachloro-m-xylene	Ave	2669425812	3051854360		0.0286	0.0250	14.3	20.0
DCB Decachlorobiphenyl	Ave	2958379632	2659743040		0.0225	0.0250	-10.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-81439/3 Calibration Date: 04/11/2013 08:20

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200003.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.14	2.09	2.19
PCB-1016 Peak 2	2.54	2.49	2.59
PCB-1016 Peak 3	2.99	2.94	3.04
PCB-1016 Peak 4	3.13	3.08	3.18
PCB-1016 Peak 5	3.62	3.57	3.67
PCB-1260 Peak 1	4.95	4.90	5.00
PCB-1260 Peak 2	5.18	5.13	5.23
PCB-1260 Peak 3	5.55	5.50	5.60
PCB-1260 Peak 4	6.23	6.18	6.28
PCB-1260 Peak 5	6.61	6.56	6.66
Tetrachloro-m-xylene	1.67	1.62	1.72
DCB Decachlorobiphenyl	7.84	7.79	7.89

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200003.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 11-Apr-2013 08:20:56 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0018757-003
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 3
Lims Batch ID: 81439 Lims Sample ID: 3
Sublist: chrom-PCB12*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\PCB12.m
Last Update: 12-Apr-2013 08:14:05 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK025

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.300	0.000	26268263	0.0268			
2	2	1.671	1.671	0.000	76296359	0.0286			
						RPD = 6.50			
6 PCB-1016									
1	100	1.578	1.578	0.000	8654401	0.5347		100.0	
1	2	1.867	1.867	0.000	16054844	0.5338	165.5- 215.5	185.5	
1	3	2.269	2.269	0.000	35889604	0.5609	356.7- 406.7	414.7	
1	4	2.391	2.391	0.000	14652693	0.5423	144.0- 194.0	169.3	
1	5	2.776	2.776	0.000	14740840	0.5217	153.1- 203.1	170.3	
			Average of Peak Amounts =			0.5387			
2	6	2.138	2.138	0.000	24000426	0.5298		100.0	
2	7	2.539	2.539	0.000	47288364	0.5405	165.6- 225.6	197.0	
2	8	2.993	2.993	0.000	102229386	0.5620	366.1- 426.1	425.9	
2	9	3.131	3.131	0.000	43261045	0.5462	144.6- 204.6	180.3	
2	10	3.618	3.618	0.000	33225271	0.5043	112.9- 172.9	138.4	
			Average of Peak Amounts =			0.5365			
						RPD = 0.40			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.984	3.984	0.000	22249939	0.5103		100.0	
1	2	4.271	4.271	0.000	44038948	0.5114	172.1- 222.1	197.9	
1	3	4.551	4.551	0.000	44247272	0.5240	168.4- 218.4	198.9	
1	4	5.251	5.251	0.000	61815564	0.5224	244.3- 294.3	277.8	
1	5	5.532	5.532	0.000	28675022	0.5109	104.3- 154.3	128.9	
			Average of Peak Amounts =			0.5158			
2	6	4.951	4.951	0.000	67549167	0.5202		100.0	
2	7	5.182	5.182	0.000	76198345	0.5245	80.1- 140.1	112.8	
2	8	5.548	5.548	0.000	121511406	0.5257	146.6- 206.6	179.9	
2	9	6.232	6.232	0.000	140358025	0.5222	174.1- 234.1	207.8	
2	10	6.612	6.612	0.000	102346971	0.5114	121.8- 181.8	151.5	
			Average of Peak Amounts =			0.5208			
						RPD = 0.96			
$ 12 DCB Decachlorobiphenyl									
1	100	6.685	6.685	0.000	25758743	0.0253			
2	2	7.841	7.841	0.000	66493576	0.0225			
						RPD = 11.64			

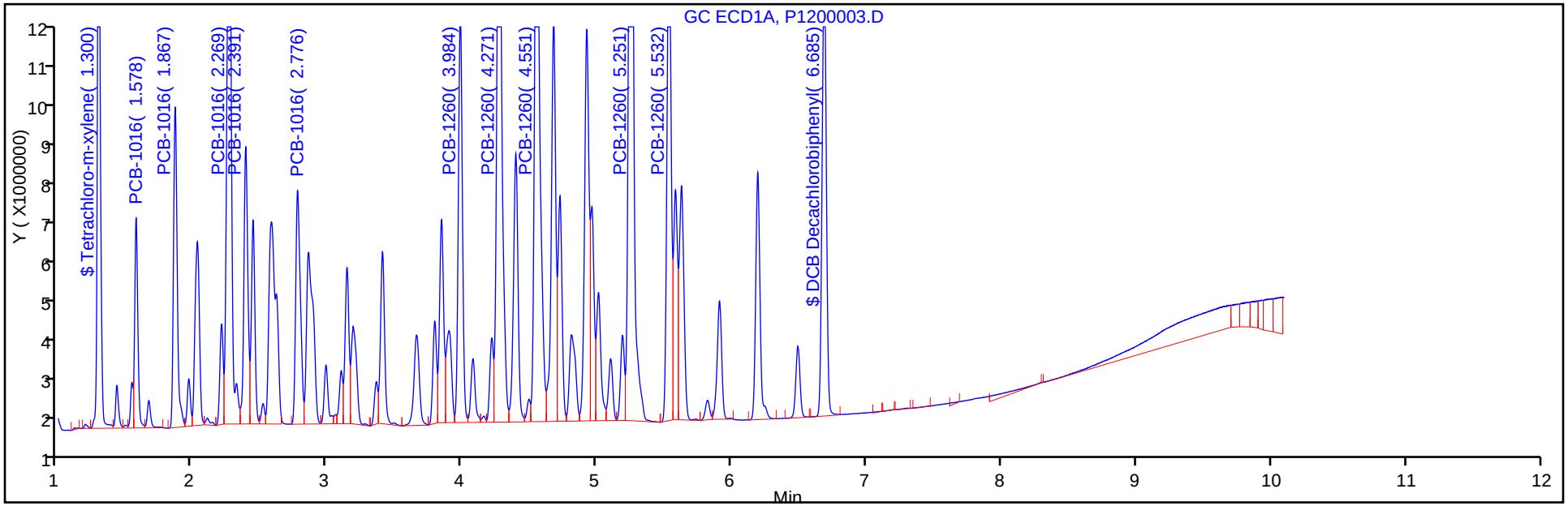
Report Date: 12-Apr-2013 08:14:06 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200003.D

Injection Date:	11-Apr-2013 08:20:56	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81439	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



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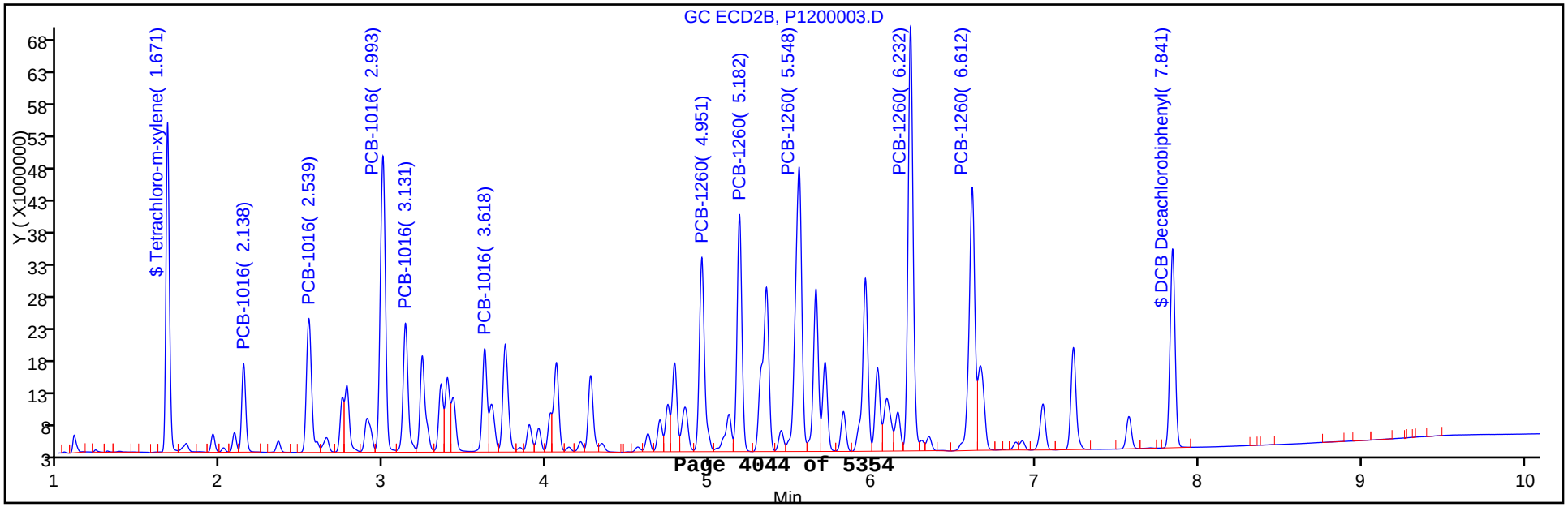


FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-81439/21 Calibration Date: 04/11/2013 12:43

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200021.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	16186104	17843514		0.551	0.500	10.2	20.0
PCB-1016 Peak 2	Ave	30075346	32631738		0.542	0.500	8.5	20.0
PCB-1016 Peak 3	Ave	63982891	70244152		0.549	0.500	9.8	20.0
PCB-1016 Peak 4	Ave	27020466	29898512		0.553	0.500	10.7	20.0
PCB-1016 Peak 5	Ave	28253356	29564148		0.523	0.500	4.6	20.0
PCB-1260 Peak 1	Ave	43598192	43890880		0.503	0.500	0.7	20.0
PCB-1260 Peak 2	Ave	86122108	87278522		0.507	0.500	1.3	20.0
PCB-1260 Peak 3	Ave	84445888	87434870		0.518	0.500	3.5	20.0
PCB-1260 Peak 4	Ave	118319074	124569552		0.526	0.500	5.3	20.0
PCB-1260 Peak 5	Ave	56124257	57450014		0.512	0.500	2.4	20.0
Tetrachloro-m-xylene	Ave	980852090	1079378280		0.0275	0.0250	10.0	20.0
DCB Decachlorobiphenyl	Ave	1020004033	1064026720		0.0261	0.0250	4.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-81439/21 Calibration Date: 04/11/2013 12:43

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200021.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	1.58	1.53	1.63
PCB-1016 Peak 2	1.87	1.82	1.92
PCB-1016 Peak 3	2.27	2.22	2.32
PCB-1016 Peak 4	2.39	2.34	2.44
PCB-1016 Peak 5	2.78	2.73	2.83
PCB-1260 Peak 1	3.98	3.93	4.03
PCB-1260 Peak 2	4.27	4.22	4.32
PCB-1260 Peak 3	4.55	4.50	4.60
PCB-1260 Peak 4	5.25	5.20	5.30
PCB-1260 Peak 5	5.53	5.48	5.58
Tetrachloro-m-xylene	1.30	1.25	1.35
DCB Decachlorobiphenyl	6.68	6.63	6.73

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200021.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 11-Apr-2013 12:43:37 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0018757-021
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 21
Lims Batch ID: 81439 Lims Sample ID: 21
Sublist: chrom-PCB12*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\PCB12.m
Last Update: 12-Apr-2013 08:13:51 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK025

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.300	0.000	26984457	0.0275			
2	2	1.672	1.672	0.000	75992921	0.0285			
						RPD = 3.42			
6 PCB-1016									
1	100	1.578	1.578	0.000	8921757	0.5512		100.0	
1	2	1.868	1.868	0.000	16315869	0.5425	165.5- 215.5	182.9	
1	3	2.268	2.268	0.000	35122076	0.5489	356.7- 406.7	393.7	
1	4	2.391	2.391	0.000	14949256	0.5533	144.0- 194.0	167.6	
1	5	2.776	2.776	0.000	14782074	0.5232	153.1- 203.1	165.7	
			Average of Peak Amounts =			0.5438			
2	6	2.138	2.138	0.000	23762336	0.5246		100.0	
2	7	2.538	2.538	0.000	44935063	0.5136	165.6- 225.6	189.1	
2	8	2.993	2.993	0.000	102407690	0.5630	366.1- 426.1	431.0	
2	9	3.133	3.133	0.000	43044369	0.5434	144.6- 204.6	181.1	
2	10	3.619	3.619	0.000	33336214	0.5060	112.9- 172.9	140.3	
			Average of Peak Amounts =			0.5301			
						RPD = 2.55			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.984	3.984	0.000	21945440	0.5034		100.0	
1	2	4.272	4.272	0.000	43639261	0.5067	172.1- 222.1	198.9	
1	3	4.550	4.550	0.000	43717435	0.5177	168.4- 218.4	199.2	
1	4	5.251	5.251	0.000	62284776	0.5264	244.3- 294.3	283.8	
1	5	5.533	5.533	0.000	28725007	0.5118	104.3- 154.3	130.9	
			Average of Peak Amounts =			0.5132			
2	6	4.951	4.951	0.000	66539083	0.5124		100.0	
2	7	5.183	5.183	0.000	75718180	0.5212	80.1- 140.1	113.8	
2	8	5.548	5.548	0.000	120161838	0.5199	146.6- 206.6	180.6	
2	9	6.233	6.233	0.000	135751963	0.5051	174.1- 234.1	204.0	
2	10	6.612	6.612	0.000	99801945	0.4987	121.8- 181.8	150.0	
			Average of Peak Amounts =			0.5114			
						RPD = 0.34			
$ 12 DCB Decachlorobiphenyl									
1	100	6.683	6.683	0.000	26600668	0.0261			
2	2	7.842	7.842	0.000	66876047	0.0226			
						RPD = 14.27			

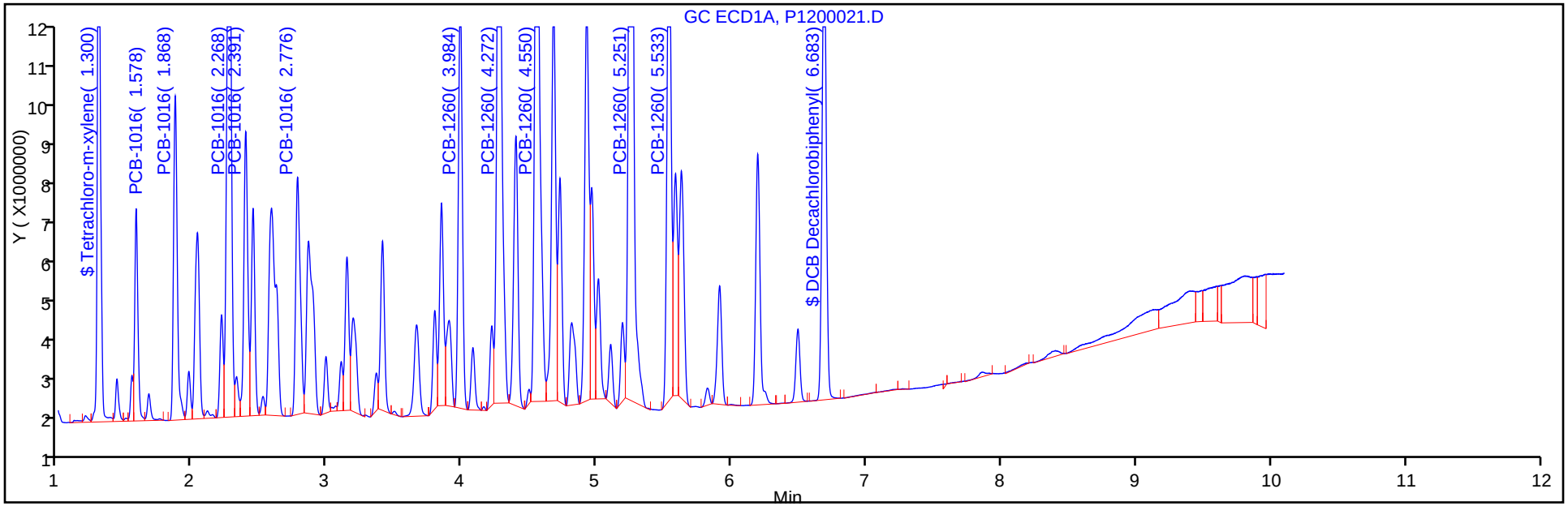
Report Date: 12-Apr-2013 08:13:52 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

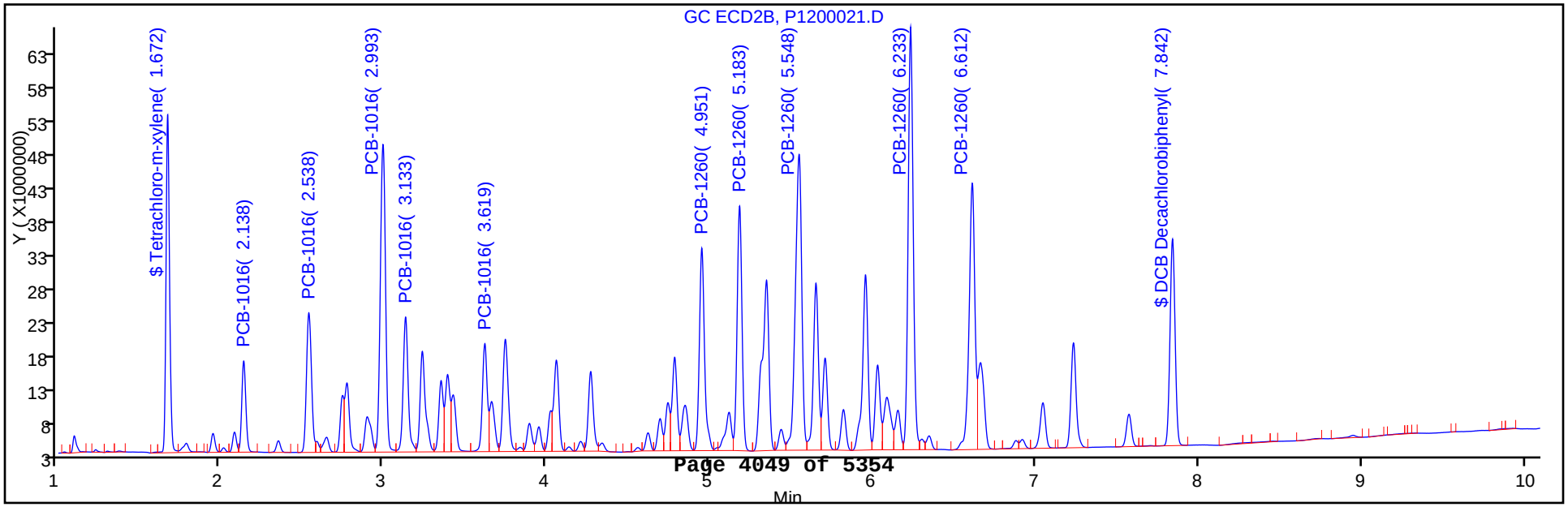
Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200021.D

Injection Date:	11-Apr-2013 12:43:37	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81439	Lims Sample ID:	21
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-81439/21 Calibration Date: 04/11/2013 12:43

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200021.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	45299578	47524672		0.525	0.500	4.9	20.0
PCB-1016 Peak 2	Ave	87494510	89870126		0.514	0.500	2.7	20.0
PCB-1016 Peak 3	Ave	181900224	204815380		0.563	0.500	12.6	20.0
PCB-1016 Peak 4	Ave	79207688	86088738		0.543	0.500	8.7	20.0
PCB-1016 Peak 5	Ave	65886914	66672428		0.506	0.500	1.2	20.0
PCB-1260 Peak 1	Ave	129864022	133078166		0.512	0.500	2.5	20.0
PCB-1260 Peak 2	Ave	145267081	151436360		0.521	0.500	4.2	20.0
PCB-1260 Peak 3	Ave	231145923	240323676		0.520	0.500	4.0	20.0
PCB-1260 Peak 4	Ave	268767373	271503926		0.505	0.500	1.0	20.0
PCB-1260 Peak 5	Ave	200141995	199603890		0.499	0.500	-0.3	20.0
Tetrachloro-m-xylene	Ave	2669425812	3039716840		0.0285	0.0250	13.9	20.0
DCB Decachlorobiphenyl	Ave	2958379632	2675041880		0.0226	0.0250	-9.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-81439/21 Calibration Date: 04/11/2013 12:43

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200021.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.14	2.09	2.19
PCB-1016 Peak 2	2.54	2.49	2.59
PCB-1016 Peak 3	2.99	2.94	3.04
PCB-1016 Peak 4	3.13	3.08	3.18
PCB-1016 Peak 5	3.62	3.57	3.67
PCB-1260 Peak 1	4.95	4.90	5.00
PCB-1260 Peak 2	5.18	5.13	5.23
PCB-1260 Peak 3	5.55	5.50	5.60
PCB-1260 Peak 4	6.23	6.18	6.28
PCB-1260 Peak 5	6.61	6.56	6.66
Tetrachloro-m-xylene	1.67	1.62	1.72
DCB Decachlorobiphenyl	7.84	7.79	7.89

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200021.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 11-Apr-2013 12:43:37 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0018757-021
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 21
Lims Batch ID: 81439 Lims Sample ID: 21
Sublist: chrom-PCB12*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\PCB12.m
Last Update: 12-Apr-2013 08:13:51 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK025

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.300	0.000	26984457	0.0275			
2	2	1.672	1.672	0.000	75992921	0.0285			
						RPD = 3.42			
6 PCB-1016									
1	100	1.578	1.578	0.000	8921757	0.5512		100.0	
1	2	1.868	1.868	0.000	16315869	0.5425	165.5- 215.5	182.9	
1	3	2.268	2.268	0.000	35122076	0.5489	356.7- 406.7	393.7	
1	4	2.391	2.391	0.000	14949256	0.5533	144.0- 194.0	167.6	
1	5	2.776	2.776	0.000	14782074	0.5232	153.1- 203.1	165.7	
			Average of Peak Amounts =			0.5438			
2	6	2.138	2.138	0.000	23762336	0.5246		100.0	
2	7	2.538	2.538	0.000	44935063	0.5136	165.6- 225.6	189.1	
2	8	2.993	2.993	0.000	102407690	0.5630	366.1- 426.1	431.0	
2	9	3.133	3.133	0.000	43044369	0.5434	144.6- 204.6	181.1	
2	10	3.619	3.619	0.000	33336214	0.5060	112.9- 172.9	140.3	
			Average of Peak Amounts =			0.5301			
						RPD = 2.55			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.984	3.984	0.000	21945440	0.5034		100.0	
1	2	4.272	4.272	0.000	43639261	0.5067	172.1- 222.1	198.9	
1	3	4.550	4.550	0.000	43717435	0.5177	168.4- 218.4	199.2	
1	4	5.251	5.251	0.000	62284776	0.5264	244.3- 294.3	283.8	
1	5	5.533	5.533	0.000	28725007	0.5118	104.3- 154.3	130.9	
			Average of Peak Amounts =			0.5132			
2	6	4.951	4.951	0.000	66539083	0.5124		100.0	
2	7	5.183	5.183	0.000	75718180	0.5212	80.1- 140.1	113.8	
2	8	5.548	5.548	0.000	120161838	0.5199	146.6- 206.6	180.6	
2	9	6.233	6.233	0.000	135751963	0.5051	174.1- 234.1	204.0	
2	10	6.612	6.612	0.000	99801945	0.4987	121.8- 181.8	150.0	
			Average of Peak Amounts =			0.5114			
						RPD = 0.34			
$ 12 DCB Decachlorobiphenyl									
1	100	6.683	6.683	0.000	26600668	0.0261			
2	2	7.842	7.842	0.000	66876047	0.0226			
						RPD = 14.27			

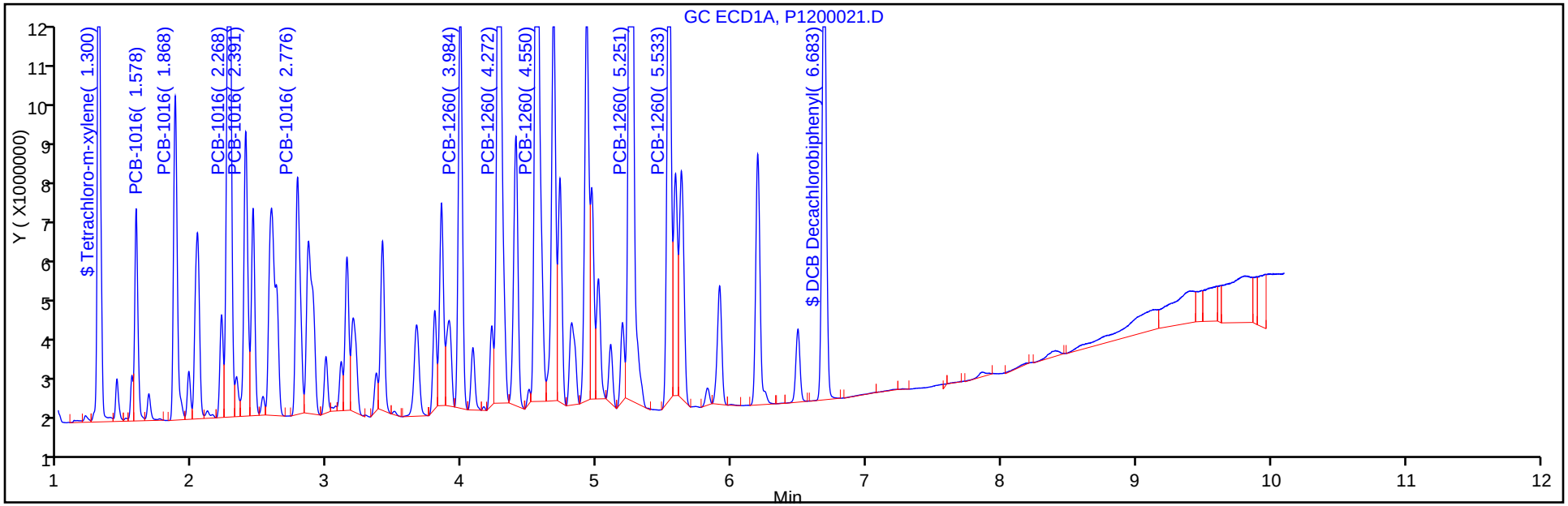
Report Date: 12-Apr-2013 08:13:52 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

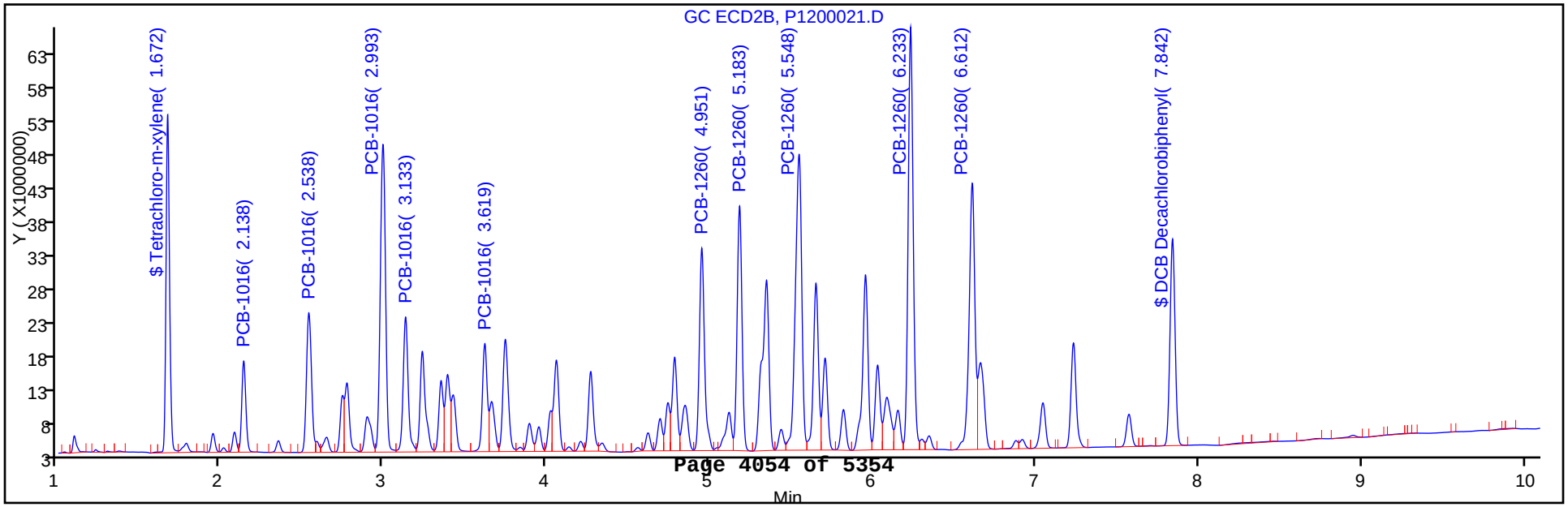
Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200021.D

Injection Date:	11-Apr-2013 12:43:37	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81439	Lims Sample ID:	21
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-81439/30 Calibration Date: 04/11/2013 14:55

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200030.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	16186104	19267192		0.595	0.500	19.0	20.0
PCB-1016 Peak 2	Ave	30075346	33358840		0.555	0.500	10.9	20.0
PCB-1016 Peak 3	Ave	63982891	75762098		0.592	0.500	18.4	20.0
PCB-1016 Peak 4	Ave	27020466	30926352		0.572	0.500	14.5	20.0
PCB-1016 Peak 5	Ave	28253356	30865128		0.546	0.500	9.2	20.0
PCB-1260 Peak 1	Ave	43598192	46258960		0.531	0.500	6.1	20.0
PCB-1260 Peak 2	Ave	86122108	91698208		0.532	0.500	6.5	20.0
PCB-1260 Peak 3	Ave	84445888	92090102		0.545	0.500	9.1	20.0
PCB-1260 Peak 4	Ave	118319074	128721896		0.544	0.500	8.8	20.0
PCB-1260 Peak 5	Ave	56124257	59606486		0.531	0.500	6.2	20.0
Tetrachloro-m-xylene	Ave	980852090	1100977720		0.0281	0.0250	12.2	20.0
DCB Decachlorobiphenyl	Ave	1020004033	1047429760		0.0257	0.0250	2.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-81439/30 Calibration Date: 04/11/2013 14:55

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200030.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	1.58	1.53	1.63
PCB-1016 Peak 2	1.87	1.82	1.92
PCB-1016 Peak 3	2.27	2.22	2.32
PCB-1016 Peak 4	2.39	2.34	2.44
PCB-1016 Peak 5	2.78	2.73	2.83
PCB-1260 Peak 1	3.98	3.93	4.03
PCB-1260 Peak 2	4.27	4.22	4.32
PCB-1260 Peak 3	4.55	4.50	4.60
PCB-1260 Peak 4	5.25	5.20	5.30
PCB-1260 Peak 5	5.53	5.48	5.58
Tetrachloro-m-xylene	1.30	1.25	1.35
DCB Decachlorobiphenyl	6.68	6.63	6.73

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200030.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 11-Apr-2013 14:55:04 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0018757-030
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 30
Lims Batch ID: 81439 Lims Sample ID: 30
Sublist: chrom-PCB12*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\PCB12.m
Last Update: 12-Apr-2013 08:14:00 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK025

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.299	1.299	0.000	27524443	0.0281			
2	2	1.671	1.671	0.000	76976311	0.0288			
						RPD = 2.72			
6 PCB-1016									
1	100	1.578	1.578	0.000	9633596	0.5952		100.0	
1	2	1.869	1.869	0.000	16679420	0.5546	165.5- 215.5	173.1	
1	3	2.270	2.270	0.000	37881049	0.5920	356.7- 406.7	393.2	
1	4	2.392	2.392	0.000	15463176	0.5723	144.0- 194.0	160.5	
1	5	2.777	2.777	0.000	15432564	0.5462	153.1- 203.1	160.2	
			Average of Peak Amounts =			0.5721			
2	6	2.139	2.139	0.000	24709285	0.5455		100.0	
2	7	2.539	2.539	0.000	47902631	0.5475	165.6- 225.6	193.9	
2	8	2.995	2.995	0.000	103752031	0.5704	366.1- 426.1	419.9	
2	9	3.133	3.133	0.000	44014370	0.5557	144.6- 204.6	178.1	
2	10	3.619	3.619	0.000	33988377	0.5159	112.9- 172.9	137.6	
			Average of Peak Amounts =			0.5470			
						RPD = 4.48			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.984	3.984	0.000	23129480	0.5305		100.0	
1	2	4.273	4.273	0.000	45849104	0.5324	172.1- 222.1	198.2	
1	3	4.550	4.550	0.000	46045051	0.5453	168.4- 218.4	199.1	
1	4	5.250	5.250	0.000	64360948	0.5440	244.3- 294.3	278.3	
1	5	5.532	5.532	0.000	29803243	0.5310	104.3- 154.3	128.9	
			Average of Peak Amounts =			0.5366			
2	6	4.951	4.951	0.000	68606165	0.5283		100.0	
2	7	5.182	5.182	0.000	77675693	0.5347	80.1- 140.1	113.2	
2	8	5.548	5.548	0.000	123548829	0.5345	146.6- 206.6	180.1	
2	9	6.234	6.234	0.000	142125837	0.5288	174.1- 234.1	207.2	
2	10	6.611	6.611	0.000	103176875	0.5155	121.8- 181.8	150.4	
			Average of Peak Amounts =			0.5284			
						RPD = 1.55			
$ 12 DCB Decachlorobiphenyl									
1	100	6.683	6.683	0.000	26185744	0.0257			
2	2	7.840	7.840	0.000	68876008	0.0233			
						RPD = 9.77			

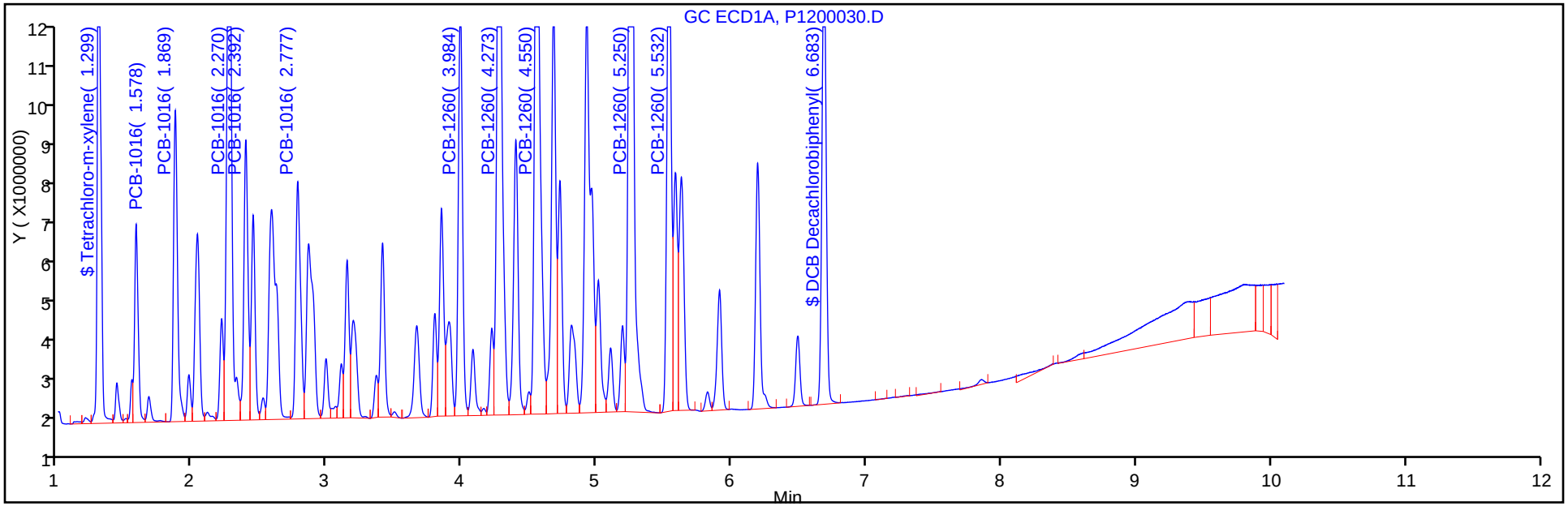
Report Date: 12-Apr-2013 08:14:01 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

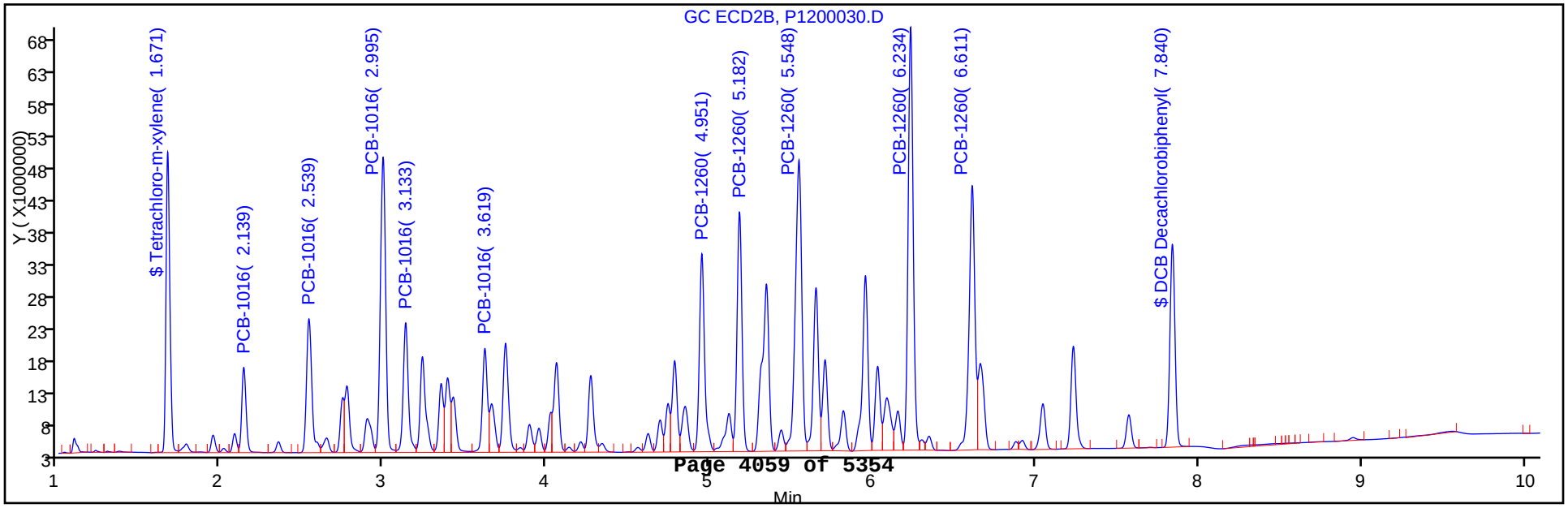
Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200030.D

Injection Date:	11-Apr-2013 14:55:04	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81439	Lims Sample ID:	30
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-81439/30 Calibration Date: 04/11/2013 14:55

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200030.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	45299578	49418570		0.545	0.500	9.1	20.0
PCB-1016 Peak 2	Ave	87494510	95805262		0.547	0.500	9.5	20.0
PCB-1016 Peak 3	Ave	181900224	207504062		0.570	0.500	14.1	20.0
PCB-1016 Peak 4	Ave	79207688	88028740		0.556	0.500	11.1	20.0
PCB-1016 Peak 5	Ave	65886914	67976754		0.516	0.500	3.2	20.0
PCB-1260 Peak 1	Ave	129864022	137212330		0.528	0.500	5.7	20.0
PCB-1260 Peak 2	Ave	145267081	155351386		0.535	0.500	6.9	20.0
PCB-1260 Peak 3	Ave	231145923	247097658		0.535	0.500	6.9	20.0
PCB-1260 Peak 4	Ave	268767373	284251674		0.529	0.500	5.8	20.0
PCB-1260 Peak 5	Ave	200141995	206353750		0.516	0.500	3.1	20.0
Tetrachloro-m-xylene	Ave	2669425812	3079052440		0.0288	0.0250	15.3	20.0
DCB Decachlorobiphenyl	Ave	2958379632	2755040320		0.0233	0.0250	-6.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-81439/30 Calibration Date: 04/11/2013 14:55

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200030.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.14	2.09	2.19
PCB-1016 Peak 2	2.54	2.49	2.59
PCB-1016 Peak 3	3.00	2.95	3.05
PCB-1016 Peak 4	3.13	3.08	3.18
PCB-1016 Peak 5	3.62	3.57	3.67
PCB-1260 Peak 1	4.95	4.90	5.00
PCB-1260 Peak 2	5.18	5.13	5.23
PCB-1260 Peak 3	5.55	5.50	5.60
PCB-1260 Peak 4	6.23	6.18	6.28
PCB-1260 Peak 5	6.61	6.56	6.66
Tetrachloro-m-xylene	1.67	1.62	1.72
DCB Decachlorobiphenyl	7.84	7.79	7.89

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200030.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 11-Apr-2013 14:55:04 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0018757-030
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 30
Lims Batch ID: 81439 Lims Sample ID: 30
Sublist: chrom-PCB12*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\PCB12.m
Last Update: 12-Apr-2013 08:14:00 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK025

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.299	1.299	0.000	27524443	0.0281			
2	2	1.671	1.671	0.000	76976311	0.0288			
						RPD = 2.72			
6 PCB-1016									
1	100	1.578	1.578	0.000	9633596	0.5952		100.0	
1	2	1.869	1.869	0.000	16679420	0.5546	165.5- 215.5	173.1	
1	3	2.270	2.270	0.000	37881049	0.5920	356.7- 406.7	393.2	
1	4	2.392	2.392	0.000	15463176	0.5723	144.0- 194.0	160.5	
1	5	2.777	2.777	0.000	15432564	0.5462	153.1- 203.1	160.2	
			Average of Peak Amounts =			0.5721			
2	6	2.139	2.139	0.000	24709285	0.5455		100.0	
2	7	2.539	2.539	0.000	47902631	0.5475	165.6- 225.6	193.9	
2	8	2.995	2.995	0.000	103752031	0.5704	366.1- 426.1	419.9	
2	9	3.133	3.133	0.000	44014370	0.5557	144.6- 204.6	178.1	
2	10	3.619	3.619	0.000	33988377	0.5159	112.9- 172.9	137.6	
			Average of Peak Amounts =			0.5470			
						RPD = 4.48			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.984	3.984	0.000	23129480	0.5305		100.0	
1	2	4.273	4.273	0.000	45849104	0.5324	172.1- 222.1	198.2	
1	3	4.550	4.550	0.000	46045051	0.5453	168.4- 218.4	199.1	
1	4	5.250	5.250	0.000	64360948	0.5440	244.3- 294.3	278.3	
1	5	5.532	5.532	0.000	29803243	0.5310	104.3- 154.3	128.9	
			Average of Peak Amounts =			0.5366			
2	6	4.951	4.951	0.000	68606165	0.5283		100.0	
2	7	5.182	5.182	0.000	77675693	0.5347	80.1- 140.1	113.2	
2	8	5.548	5.548	0.000	123548829	0.5345	146.6- 206.6	180.1	
2	9	6.234	6.234	0.000	142125837	0.5288	174.1- 234.1	207.2	
2	10	6.611	6.611	0.000	103176875	0.5155	121.8- 181.8	150.4	
			Average of Peak Amounts =			0.5284			
						RPD = 1.55			
$ 12 DCB Decachlorobiphenyl									
1	100	6.683	6.683	0.000	26185744	0.0257			
2	2	7.840	7.840	0.000	68876008	0.0233			
						RPD = 9.77			

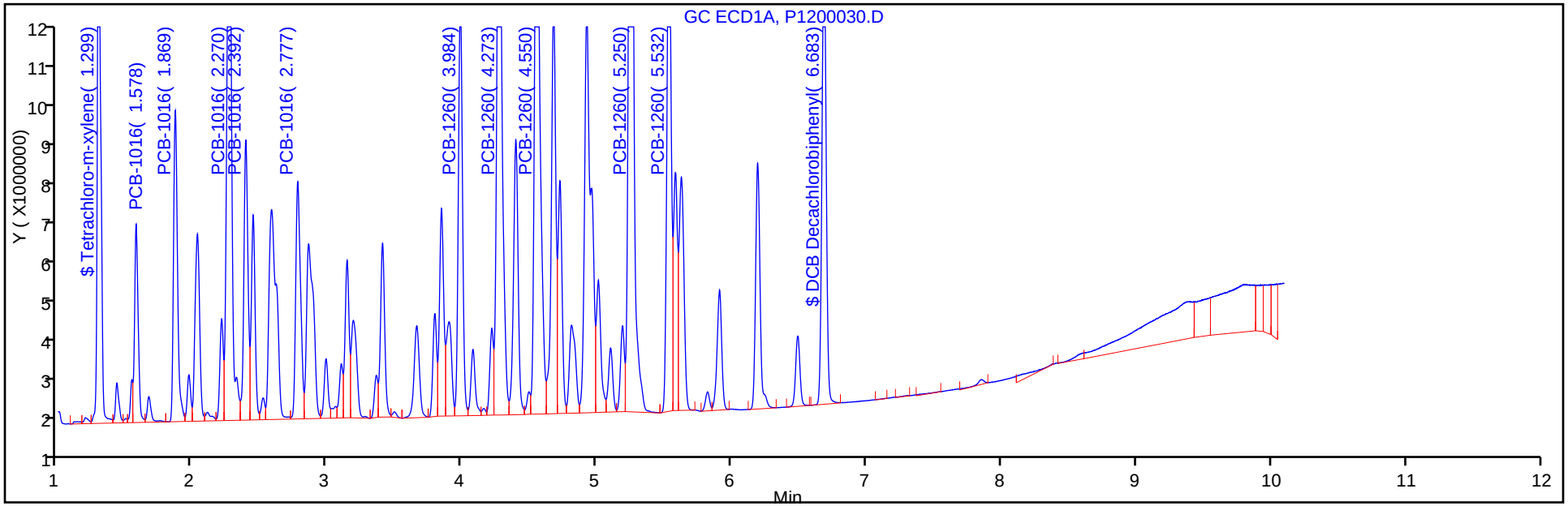
Report Date: 12-Apr-2013 08:14:02 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

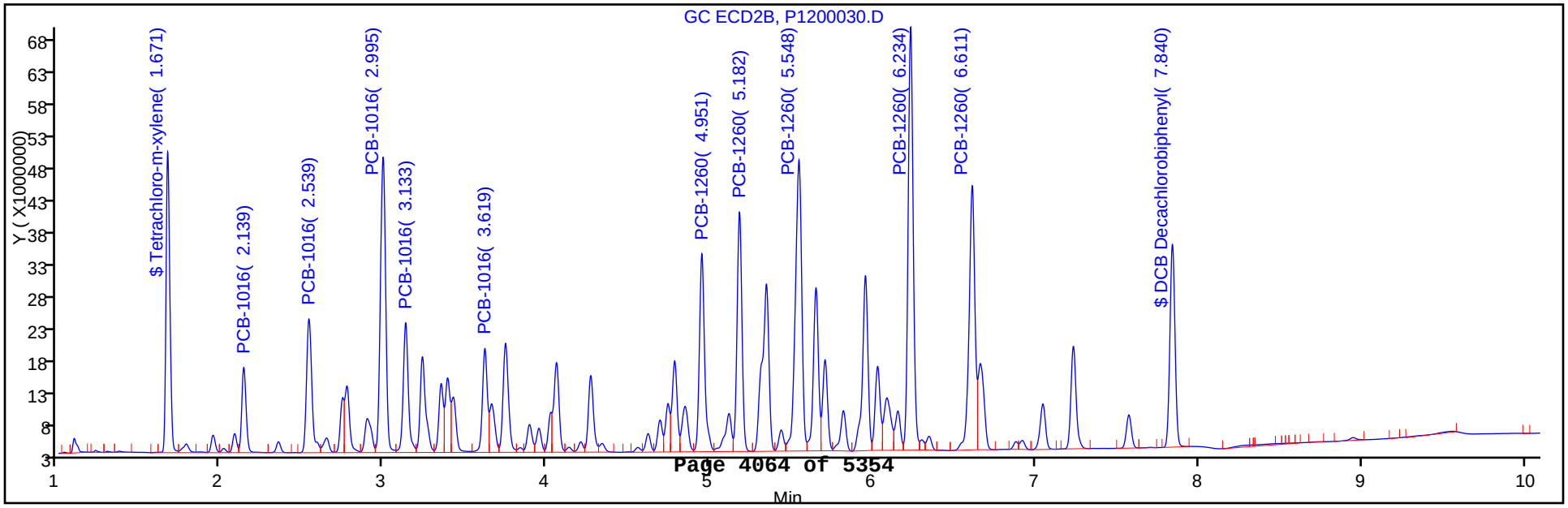
Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200030.D

Injection Date:	11-Apr-2013 14:55:04	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81439	Lims Sample ID:	30
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-81867/3 Calibration Date: 04/15/2013 06:45

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200003.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	16186104	17226318		0.532	0.500	6.4	20.0
PCB-1016 Peak 2	Ave	30075346	31533988		0.524	0.500	4.8	20.0
PCB-1016 Peak 3	Ave	63982891	64149534		0.501	0.500	0.3	20.0
PCB-1016 Peak 4	Ave	27020466	27832572		0.515	0.500	3.0	20.0
PCB-1016 Peak 5	Ave	28253356	28767202		0.509	0.500	1.8	20.0
PCB-1260 Peak 1	Ave	43598192	43502824		0.499	0.500	-0.2	20.0
PCB-1260 Peak 2	Ave	86122108	85686134		0.497	0.500	-0.5	20.0
PCB-1260 Peak 3	Ave	84445888	85863186		0.508	0.500	1.7	20.0
PCB-1260 Peak 4	Ave	118319074	120810706		0.511	0.500	2.1	20.0
PCB-1260 Peak 5	Ave	56124257	56634470		0.505	0.500	0.9	20.0
Tetrachloro-m-xylene	Ave	980852090	1046066320		0.0267	0.0250	6.6	20.0
DCB Decachlorobiphenyl	Ave	1020004033	1011293280		0.0248	0.0250	-0.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-81867/3 Calibration Date: 04/15/2013 06:45

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200003.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	1.58	1.53	1.63
PCB-1016 Peak 2	1.87	1.82	1.92
PCB-1016 Peak 3	2.27	2.22	2.32
PCB-1016 Peak 4	2.39	2.34	2.44
PCB-1016 Peak 5	2.78	2.73	2.83
PCB-1260 Peak 1	3.98	3.93	4.03
PCB-1260 Peak 2	4.27	4.22	4.32
PCB-1260 Peak 3	4.55	4.50	4.60
PCB-1260 Peak 4	5.25	5.20	5.30
PCB-1260 Peak 5	5.53	5.48	5.58
Tetrachloro-m-xylene	1.30	1.25	1.35
DCB Decachlorobiphenyl	6.69	6.64	6.74

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200003.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 15-Apr-2013 06:45:55 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0018856-003
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 3
Lims Batch ID: 81867 Lims Sample ID: 3
Sublist: chrom-PCB12*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m
Last Update: 16-Apr-2013 09:18:28 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK021

First Level Reviewer: hassl Date: 16-Apr-2013 09:07:58

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.300	0.000	26151658	0.0267			
2	2	1.671	1.671	0.000	76275118	0.0286			
						RPD = 6.92			
6 PCB-1016									M
1	100	1.579	1.579	0.000	8613159	0.5321		100.0	M
1	2	1.868	1.868	0.000	15766994	0.5242	165.5- 215.5	183.1	
1	3	2.268	2.268	0.000	32074767	0.5013	356.7- 406.7	372.4	
1	4	2.391	2.391	0.000	13916286	0.5150	144.0- 194.0	161.6	
1	5	2.776	2.776	0.000	14383601	0.5091	153.1- 203.1	167.0	
			Average of Peak Amounts =			0.5164			
2	6	2.139	2.139	0.000	24210099	0.5344		100.0	
2	7	2.539	2.539	0.000	47345720	0.5411	165.6- 225.6	195.6	
2	8	2.994	2.994	0.000	101467694	0.5578	366.1- 426.1	419.1	
2	9	3.133	3.133	0.000	43152553	0.5448	144.6- 204.6	178.2	
2	10	3.619	3.619	0.000	33254939	0.5047	112.9- 172.9	137.4	
			Average of Peak Amounts =			0.5366			
						RPD = 3.84			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.984	3.984	0.000	21751412	0.4989		100.0	
1	2	4.272	4.272	0.000	42843067	0.4975	172.1- 222.1	197.0	
1	3	4.551	4.551	0.000	42931593	0.5084	168.4- 218.4	197.4	
1	4	5.251	5.251	0.000	60405353	0.5105	244.3- 294.3	277.7	
1	5	5.533	5.533	0.000	28317235	0.5045	104.3- 154.3	130.2	
			Average of Peak Amounts =			0.5040			
2	6	4.951	4.951	0.000	67652475	0.5209		100.0	
2	7	5.182	5.182	0.000	75918110	0.5226	80.1- 140.1	112.2	
2	8	5.548	5.548	0.000	120902971	0.5231	146.6- 206.6	178.7	
2	9	6.233	6.233	0.000	139683599	0.5197	174.1- 234.1	206.5	
2	10	6.611	6.611	0.000	102266997	0.5110	121.8- 181.8	151.2	
			Average of Peak Amounts =			0.5195			
						RPD = 3.03			
$ 12 DCB Decachlorobiphenyl									
1	100	6.685	6.685	0.000	25282332	0.0248			
2	2	7.841	7.841	0.000	68733100	0.0232			
						RPD = 6.47			

QC Flag Legend

Review Flags
M - Manually Integrated

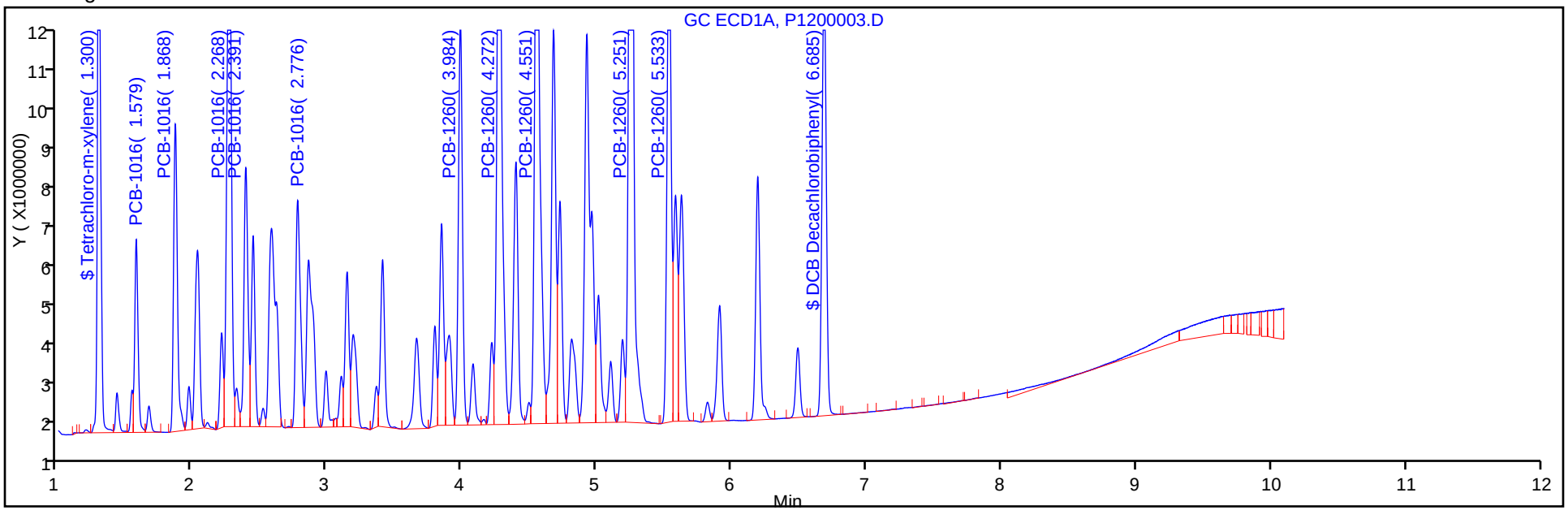
Report Date: 16-Apr-2013 09:18:30 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

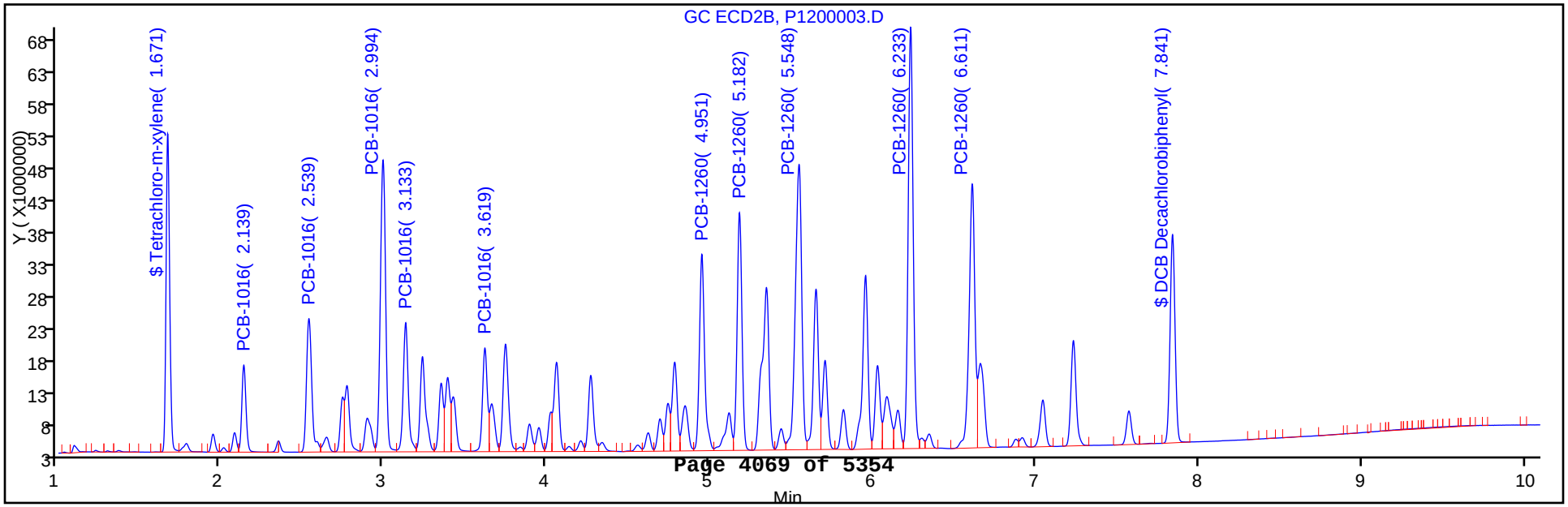
Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200003.D

Injection Date:	15-Apr-2013 06:45:55	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



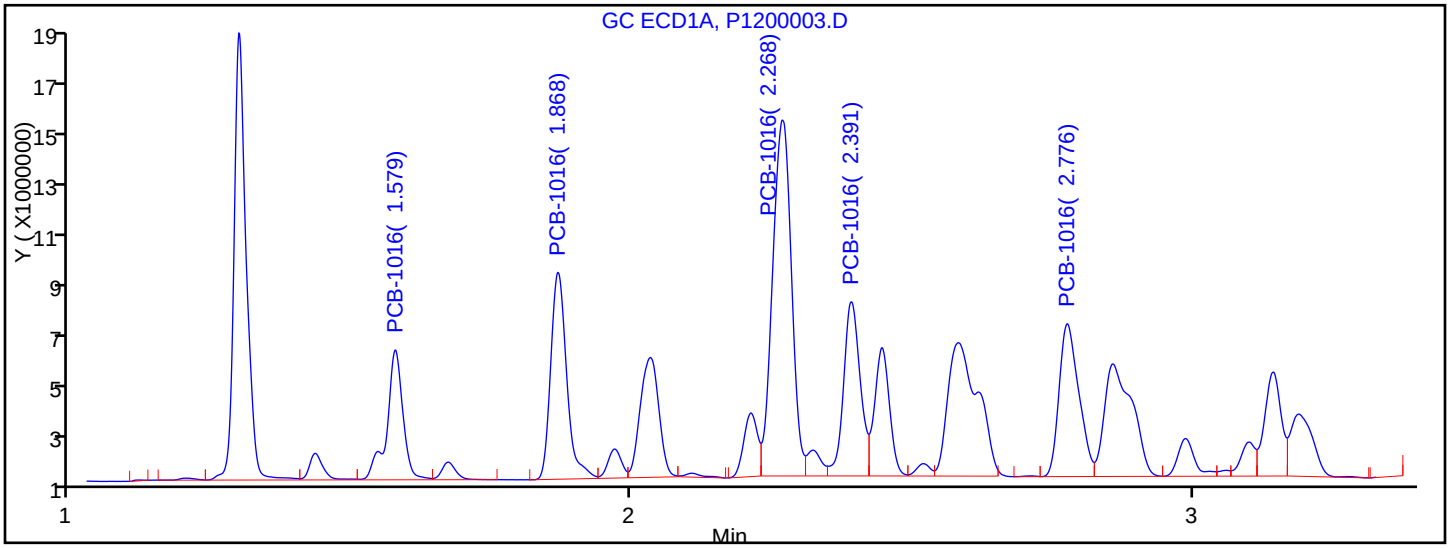
Report Date: 16-Apr-2013 09:18:30 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200003.D

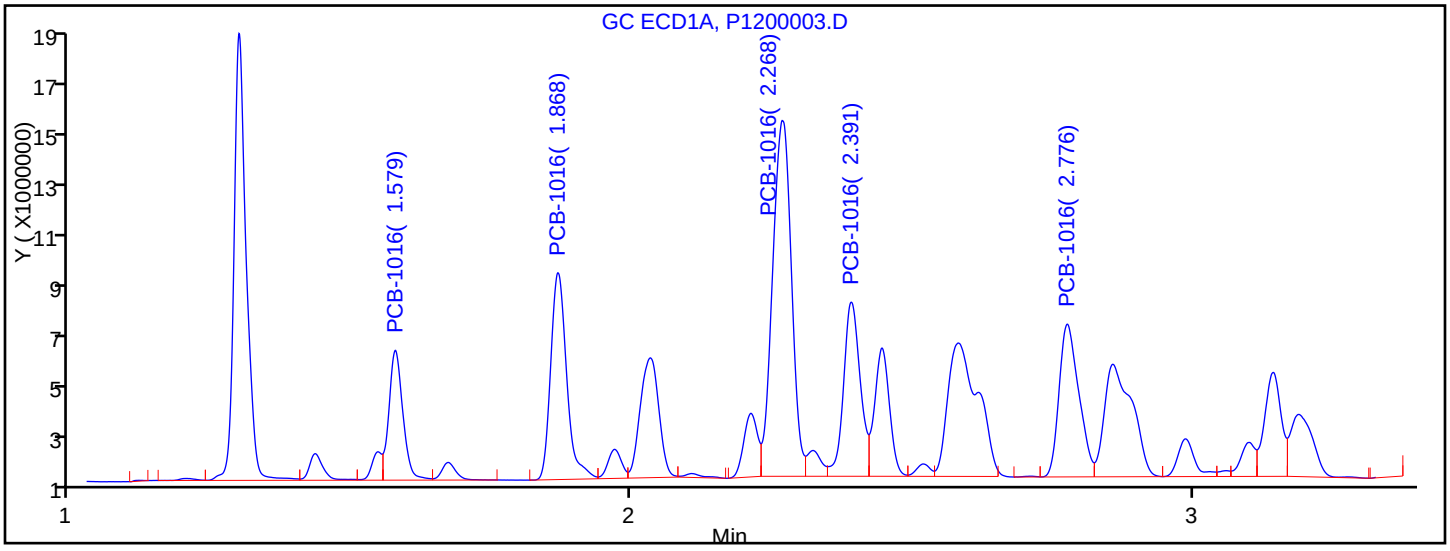
Injection Date:	15-Apr-2013 06:45:55	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.579	Response = 9988574	M
RT = 1.868	Response = 15766994	
RT = 2.268	Response = 32074767	
RT = 2.391	Response = 13916286	
RT = 2.776	Response = 14383601	



Manual Integration Results

RT = 1.579	Response = 8613159	M
RT = 1.868	Response = 15766994	
RT = 2.268	Response = 32074767	
RT = 2.391	Response = 13916286	
RT = 2.776	Response = 14383601	

Reviewer: hassl, 16-Apr-2013 09:07:58

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-81867/3 Calibration Date: 04/15/2013 06:45

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200003.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	45299578	48420198		0.534	0.500	6.9	20.0
PCB-1016 Peak 2	Ave	87494510	94691440		0.541	0.500	8.2	20.0
PCB-1016 Peak 3	Ave	181900224	202935388		0.558	0.500	11.6	20.0
PCB-1016 Peak 4	Ave	79207688	86305106		0.545	0.500	9.0	20.0
PCB-1016 Peak 5	Ave	65886914	66509878		0.505	0.500	0.9	20.0
PCB-1260 Peak 1	Ave	129864022	135304950		0.521	0.500	4.2	20.0
PCB-1260 Peak 2	Ave	145267081	151836220		0.523	0.500	4.5	20.0
PCB-1260 Peak 3	Ave	231145923	241805942		0.523	0.500	4.6	20.0
PCB-1260 Peak 4	Ave	268767373	279367198		0.520	0.500	3.9	20.0
PCB-1260 Peak 5	Ave	200141995	204533994		0.511	0.500	2.2	20.0
Tetrachloro-m-xylene	Ave	2669425812	3051004720		0.0286	0.0250	14.3	20.0
DCB Decachlorobiphenyl	Ave	2958379632	2749324000		0.0232	0.0250	-7.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-81867/3 Calibration Date: 04/15/2013 06:45

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200003.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.14	2.09	2.19
PCB-1016 Peak 2	2.54	2.49	2.59
PCB-1016 Peak 3	2.99	2.94	3.04
PCB-1016 Peak 4	3.13	3.08	3.18
PCB-1016 Peak 5	3.62	3.57	3.67
PCB-1260 Peak 1	4.95	4.90	5.00
PCB-1260 Peak 2	5.18	5.13	5.23
PCB-1260 Peak 3	5.55	5.50	5.60
PCB-1260 Peak 4	6.23	6.18	6.28
PCB-1260 Peak 5	6.61	6.56	6.66
Tetrachloro-m-xylene	1.67	1.62	1.72
DCB Decachlorobiphenyl	7.84	7.79	7.89

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200003.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 15-Apr-2013 06:45:55 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0018856-003
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 3
Lims Batch ID: 81867 Lims Sample ID: 3
Sublist: chrom-PCB12*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m
Last Update: 16-Apr-2013 09:18:28 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK021

First Level Reviewer: hassl Date: 16-Apr-2013 09:07:58

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.300	0.000	26151658	0.0267			
2	2	1.671	1.671	0.000	76275118	0.0286			
						RPD = 6.92			
6 PCB-1016									M
1	100	1.579	1.579	0.000	8613159	0.5321		100.0	M
1	2	1.868	1.868	0.000	15766994	0.5242	165.5- 215.5	183.1	
1	3	2.268	2.268	0.000	32074767	0.5013	356.7- 406.7	372.4	
1	4	2.391	2.391	0.000	13916286	0.5150	144.0- 194.0	161.6	
1	5	2.776	2.776	0.000	14383601	0.5091	153.1- 203.1	167.0	
			Average of Peak Amounts =			0.5164			
2	6	2.139	2.139	0.000	24210099	0.5344		100.0	
2	7	2.539	2.539	0.000	47345720	0.5411	165.6- 225.6	195.6	
2	8	2.994	2.994	0.000	101467694	0.5578	366.1- 426.1	419.1	
2	9	3.133	3.133	0.000	43152553	0.5448	144.6- 204.6	178.2	
2	10	3.619	3.619	0.000	33254939	0.5047	112.9- 172.9	137.4	
			Average of Peak Amounts =			0.5366			
						RPD = 3.84			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.984	3.984	0.000	21751412	0.4989		100.0	
1	2	4.272	4.272	0.000	42843067	0.4975	172.1- 222.1	197.0	
1	3	4.551	4.551	0.000	42931593	0.5084	168.4- 218.4	197.4	
1	4	5.251	5.251	0.000	60405353	0.5105	244.3- 294.3	277.7	
1	5	5.533	5.533	0.000	28317235	0.5045	104.3- 154.3	130.2	
			Average of Peak Amounts =			0.5040			
2	6	4.951	4.951	0.000	67652475	0.5209		100.0	
2	7	5.182	5.182	0.000	75918110	0.5226	80.1- 140.1	112.2	
2	8	5.548	5.548	0.000	120902971	0.5231	146.6- 206.6	178.7	
2	9	6.233	6.233	0.000	139683599	0.5197	174.1- 234.1	206.5	
2	10	6.611	6.611	0.000	102266997	0.5110	121.8- 181.8	151.2	
			Average of Peak Amounts =			0.5195			
						RPD = 3.03			
$ 12 DCB Decachlorobiphenyl									
1	100	6.685	6.685	0.000	25282332	0.0248			
2	2	7.841	7.841	0.000	68733100	0.0232			
						RPD = 6.47			

QC Flag Legend

Review Flags
M - Manually Integrated

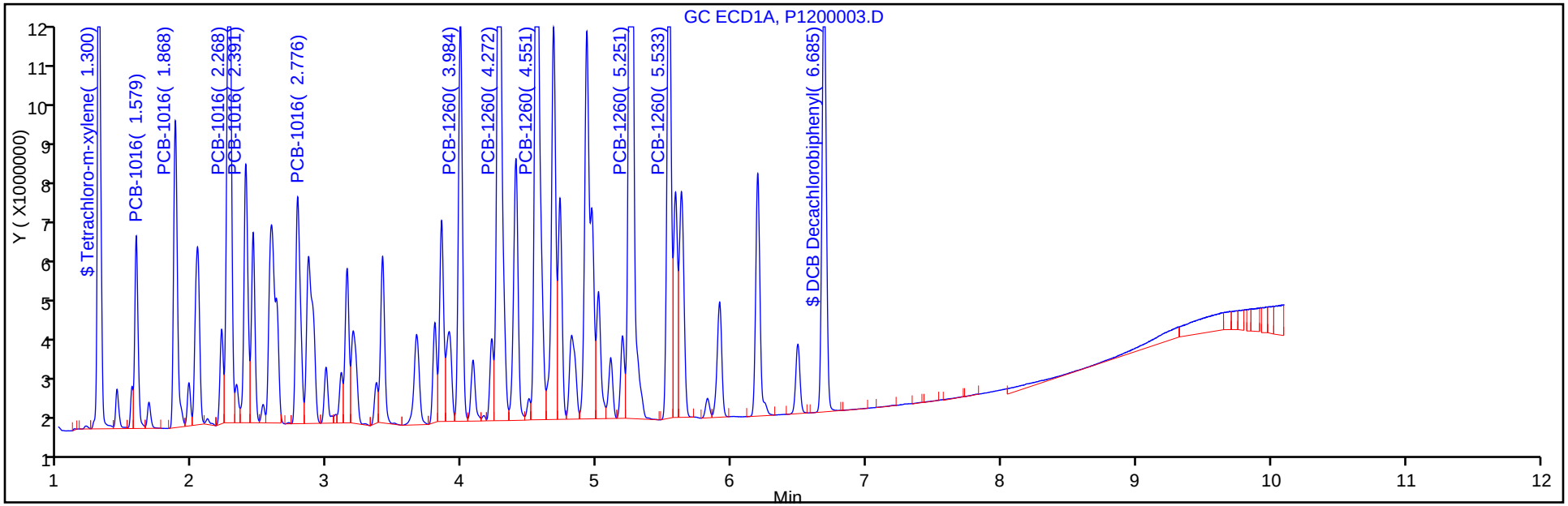
Report Date: 16-Apr-2013 09:18:30 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

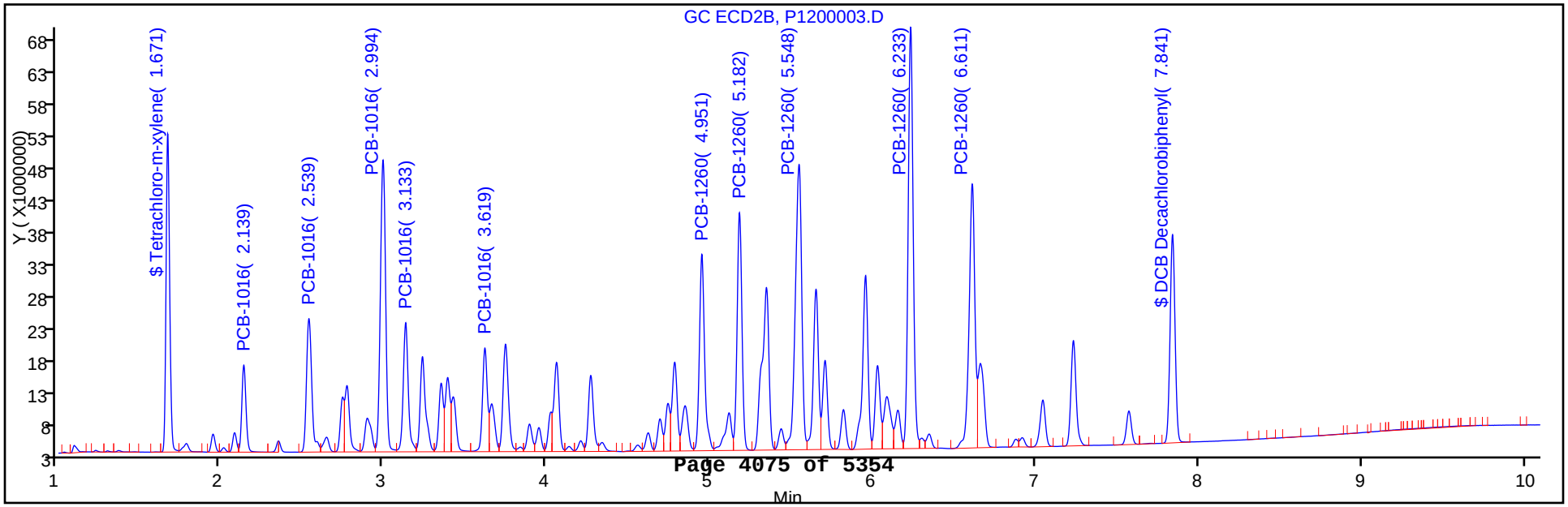
Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200003.D

Injection Date:	15-Apr-2013 06:45:55	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-81867/21 Calibration Date: 04/15/2013 14:22

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200021.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	16186104	18814718		0.581	0.500	16.2	20.0
PCB-1016 Peak 2	Ave	30075346	33567876		0.558	0.500	11.6	20.0
PCB-1016 Peak 3	Ave	63982891	75502952		0.590	0.500	18.0	20.0
PCB-1016 Peak 4	Ave	27020466	30243658		0.560	0.500	11.9	20.0
PCB-1016 Peak 5	Ave	28253356	30613178		0.542	0.500	8.4	20.0
PCB-1260 Peak 1	Ave	43598192	45964968		0.527	0.500	5.4	20.0
PCB-1260 Peak 2	Ave	86122108	94062846		0.546	0.500	9.2	20.0
PCB-1260 Peak 3	Ave	84445888	94712114		0.561	0.500	12.2	20.0
PCB-1260 Peak 4	Ave	118319074	134037762		0.566	0.500	13.3	20.0
PCB-1260 Peak 5	Ave	56124257	62644506		0.558	0.500	11.6	20.0
Tetrachloro-m-xylene	Ave	980852090	1122264120		0.0286	0.0250	14.4	20.0
DCB Decachlorobiphenyl	Ave	1020004033	1102717440		0.0270	0.0250	8.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-81867/21 Calibration Date: 04/15/2013 14:22

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200021.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	1.58	1.53	1.63
PCB-1016 Peak 2	1.87	1.82	1.92
PCB-1016 Peak 3	2.27	2.22	2.32
PCB-1016 Peak 4	2.39	2.34	2.44
PCB-1016 Peak 5	2.78	2.73	2.83
PCB-1260 Peak 1	3.99	3.94	4.04
PCB-1260 Peak 2	4.27	4.22	4.32
PCB-1260 Peak 3	4.55	4.50	4.60
PCB-1260 Peak 4	5.25	5.20	5.30
PCB-1260 Peak 5	5.53	5.48	5.58
Tetrachloro-m-xylene	1.30	1.25	1.35
DCB Decachlorobiphenyl	6.68	6.63	6.73

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200021.D		
Lims ID:	CCV AR1660	Client ID:	
Inject. Date:	15-Apr-2013 14:22:21	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	240-0018856-021		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	21
Lims Batch ID:	81867	Lims Sample ID:	21
Sublist:	chrom-PCB12*sub5		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m		
Last Update:	16-Apr-2013 09:18:09	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK021		

First Level Reviewer: hassl Date: 16-Apr-2013 09:09:55

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.301	1.301	0.000	28056603	0.0286			
2	2	1.673	1.673	0.000	79792335	0.0299			
						RPD = 4.40			
6 PCB-1016									M
1	100	1.580	1.580	0.000	9407359	0.5812		100.0	M
1	2	1.870	1.870	0.000	16783938	0.5581	165.5- 215.5	178.4	
1	3	2.270	2.270	0.000	37751476	0.5900	356.7- 406.7	401.3	
1	4	2.393	2.393	0.000	15121829	0.5596	144.0- 194.0	160.7	
1	5	2.777	2.777	0.000	15306589	0.5418	153.1- 203.1	162.7	
			Average of Peak Amounts =			0.5661			
2	6	2.141	2.141	0.000	25050664	0.5530		100.0	
2	7	2.541	2.541	0.000	49342191	0.5639	165.6- 225.6	197.0	
2	8	2.996	2.996	0.000	106876852	0.5876	366.1- 426.1	426.6	
2	9	3.134	3.134	0.000	44985822	0.5679	144.6- 204.6	179.6	
2	10	3.620	3.620	0.000	34262436	0.5200	112.9- 172.9	136.8	
			Average of Peak Amounts =			0.5585			
						RPD = 1.36			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.985	3.985	0.000	22982484	0.5271		100.0	
1	2	4.272	4.272	0.000	47031423	0.5461	172.1- 222.1	204.6	
1	3	4.551	4.551	0.000	47356057	0.5608	168.4- 218.4	206.1	
1	4	5.251	5.251	0.000	67018881	0.5664	244.3- 294.3	291.6	
1	5	5.534	5.534	0.000	31322253	0.5581	104.3- 154.3	136.3	
			Average of Peak Amounts =			0.5517			
2	6	4.951	4.951	0.000	70232465	0.5408		100.0	
2	7	5.182	5.182	0.000	81045090	0.5579	80.1- 140.1	115.4	
2	8	5.548	5.548	0.000	129052430	0.5583	146.6- 206.6	183.8	
2	9	6.234	6.234	0.000	151216016	0.5626	174.1- 234.1	215.3	
2	10	6.612	6.612	0.000	111146930	0.5553	121.8- 181.8	158.3	
			Average of Peak Amounts =			0.5550			
						RPD = 0.59			
$ 12 DCB Decachlorobiphenyl									
1	100	6.684	6.684	0.000	27567936	0.0270			
2	2	7.842	7.842	0.000	75725259	0.0256			
						RPD = 5.44			

QC Flag Legend

Review Flags
M - Manually Integrated

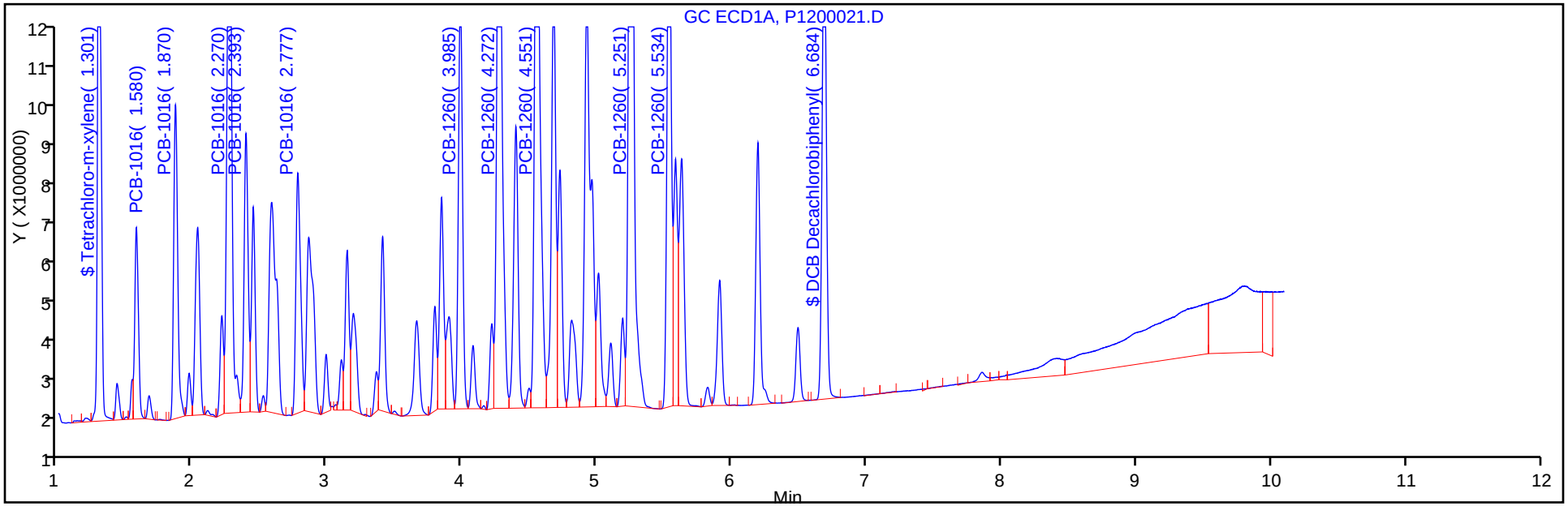
Report Date: 16-Apr-2013 09:18:09 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

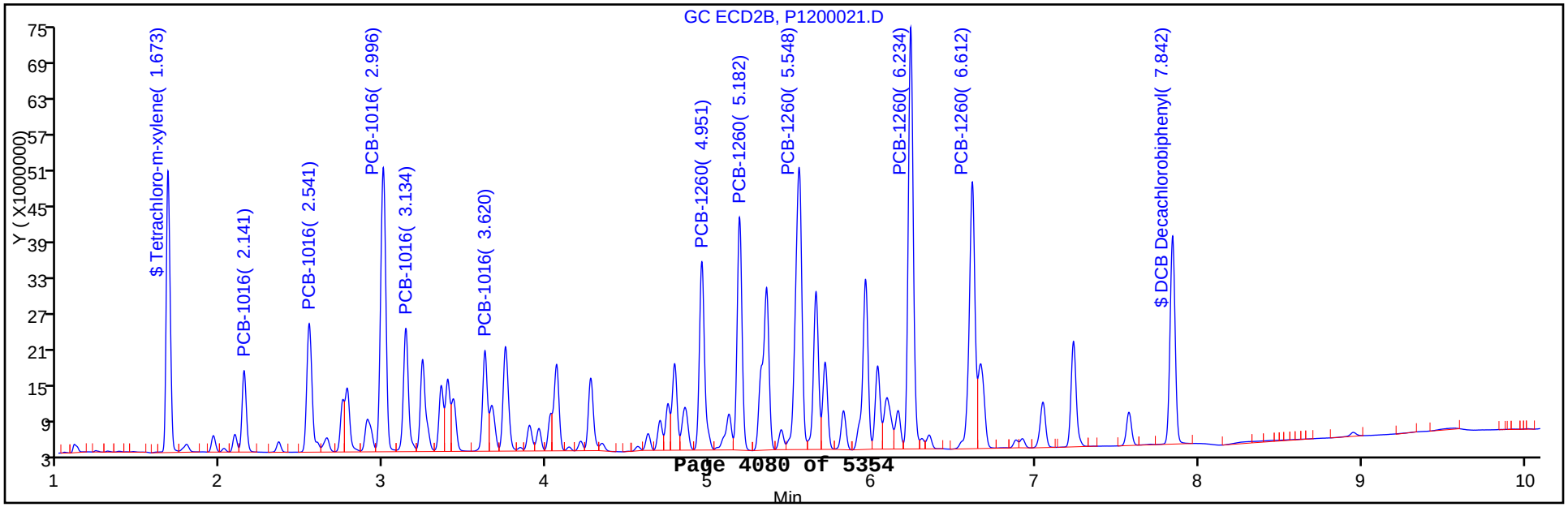
Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200021.D

Injection Date:	15-Apr-2013 14:22:21	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	21
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



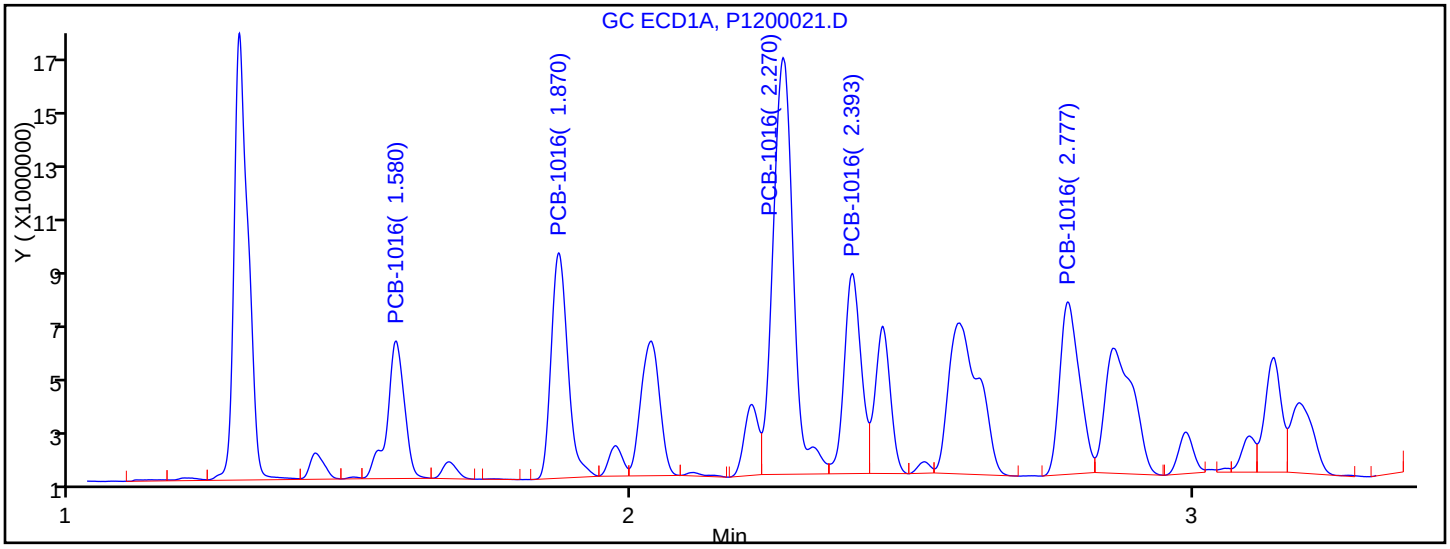
Report Date: 16-Apr-2013 09:18:10 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200021.D

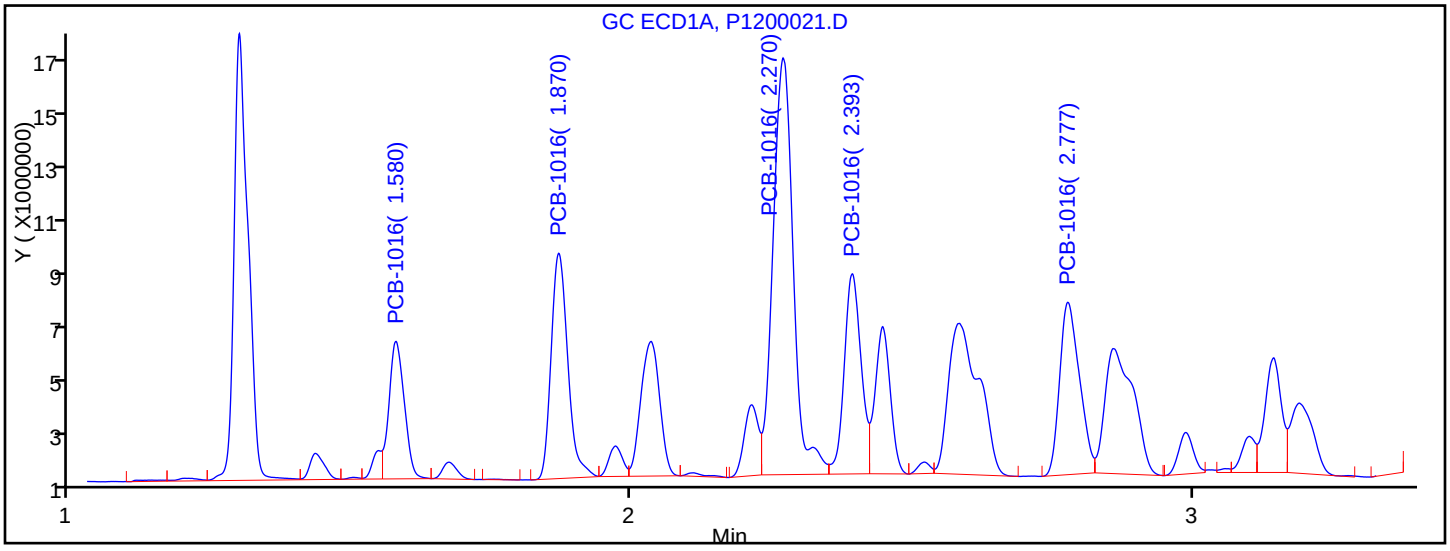
Injection Date:	15-Apr-2013 14:22:21	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	21
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.580	Response = 10621804	M
RT = 1.870	Response = 16783938	
RT = 2.270	Response = 37751476	
RT = 2.393	Response = 15121829	
RT = 2.777	Response = 15306589	



Manual Integration Results

RT = 1.580	Response = 9407359	M
RT = 1.870	Response = 16783938	
RT = 2.270	Response = 37751476	
RT = 2.393	Response = 15121829	
RT = 2.777	Response = 15306589	

Reviewer: hassl, 16-Apr-2013 09:09:55

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-81867/21 Calibration Date: 04/15/2013 14:22

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200021.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	45299578	50101328		0.553	0.500	10.6	20.0
PCB-1016 Peak 2	Ave	87494510	98684382		0.564	0.500	12.8	20.0
PCB-1016 Peak 3	Ave	181900224	213753704		0.588	0.500	17.5	20.0
PCB-1016 Peak 4	Ave	79207688	89971644		0.568	0.500	13.6	20.0
PCB-1016 Peak 5	Ave	65886914	68524872		0.520	0.500	4.0	20.0
PCB-1260 Peak 1	Ave	129864022	140464930		0.541	0.500	8.2	20.0
PCB-1260 Peak 2	Ave	145267081	162090180		0.558	0.500	11.6	20.0
PCB-1260 Peak 3	Ave	231145923	258104860		0.558	0.500	11.7	20.0
PCB-1260 Peak 4	Ave	268767373	302432032		0.563	0.500	12.5	20.0
PCB-1260 Peak 5	Ave	200141995	222293860		0.555	0.500	11.1	20.0
Tetrachloro-m-xylene	Ave	2669425812	3191693400		0.0299	0.0250	19.6	20.0
DCB Decachlorobiphenyl	Ave	2958379632	3029010360		0.0256	0.0250	2.4	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-81867/21 Calibration Date: 04/15/2013 14:22

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200021.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.14	2.09	2.19
PCB-1016 Peak 2	2.54	2.49	2.59
PCB-1016 Peak 3	3.00	2.95	3.05
PCB-1016 Peak 4	3.13	3.08	3.18
PCB-1016 Peak 5	3.62	3.57	3.67
PCB-1260 Peak 1	4.95	4.90	5.00
PCB-1260 Peak 2	5.18	5.13	5.23
PCB-1260 Peak 3	5.55	5.50	5.60
PCB-1260 Peak 4	6.23	6.18	6.28
PCB-1260 Peak 5	6.61	6.56	6.66
Tetrachloro-m-xylene	1.67	1.62	1.72
DCB Decachlorobiphenyl	7.84	7.79	7.89

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200021.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 15-Apr-2013 14:22:21 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0018856-021
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 21
Lims Batch ID: 81867 Lims Sample ID: 21
Sublist: chrom-PCB12*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m
Last Update: 16-Apr-2013 09:18:09 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK021

First Level Reviewer: hassl Date: 16-Apr-2013 09:09:55

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.301	1.301	0.000	28056603	0.0286			
2	2	1.673	1.673	0.000	79792335	0.0299			
						RPD = 4.40			
6 PCB-1016									M
1	100	1.580	1.580	0.000	9407359	0.5812		100.0	M
1	2	1.870	1.870	0.000	16783938	0.5581	165.5- 215.5	178.4	
1	3	2.270	2.270	0.000	37751476	0.5900	356.7- 406.7	401.3	
1	4	2.393	2.393	0.000	15121829	0.5596	144.0- 194.0	160.7	
1	5	2.777	2.777	0.000	15306589	0.5418	153.1- 203.1	162.7	
			Average of Peak Amounts =			0.5661			
2	6	2.141	2.141	0.000	25050664	0.5530		100.0	
2	7	2.541	2.541	0.000	49342191	0.5639	165.6- 225.6	197.0	
2	8	2.996	2.996	0.000	106876852	0.5876	366.1- 426.1	426.6	
2	9	3.134	3.134	0.000	44985822	0.5679	144.6- 204.6	179.6	
2	10	3.620	3.620	0.000	34262436	0.5200	112.9- 172.9	136.8	
			Average of Peak Amounts =			0.5585			
						RPD = 1.36			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.985	3.985	0.000	22982484	0.5271		100.0	
1	2	4.272	4.272	0.000	47031423	0.5461	172.1- 222.1	204.6	
1	3	4.551	4.551	0.000	47356057	0.5608	168.4- 218.4	206.1	
1	4	5.251	5.251	0.000	67018881	0.5664	244.3- 294.3	291.6	
1	5	5.534	5.534	0.000	31322253	0.5581	104.3- 154.3	136.3	
			Average of Peak Amounts =			0.5517			
2	6	4.951	4.951	0.000	70232465	0.5408		100.0	
2	7	5.182	5.182	0.000	81045090	0.5579	80.1- 140.1	115.4	
2	8	5.548	5.548	0.000	129052430	0.5583	146.6- 206.6	183.8	
2	9	6.234	6.234	0.000	151216016	0.5626	174.1- 234.1	215.3	
2	10	6.612	6.612	0.000	111146930	0.5553	121.8- 181.8	158.3	
			Average of Peak Amounts =			0.5550			
						RPD = 0.59			
$ 12 DCB Decachlorobiphenyl									
1	100	6.684	6.684	0.000	27567936	0.0270			
2	2	7.842	7.842	0.000	75725259	0.0256			
						RPD = 5.44			

QC Flag Legend

Review Flags
M - Manually Integrated

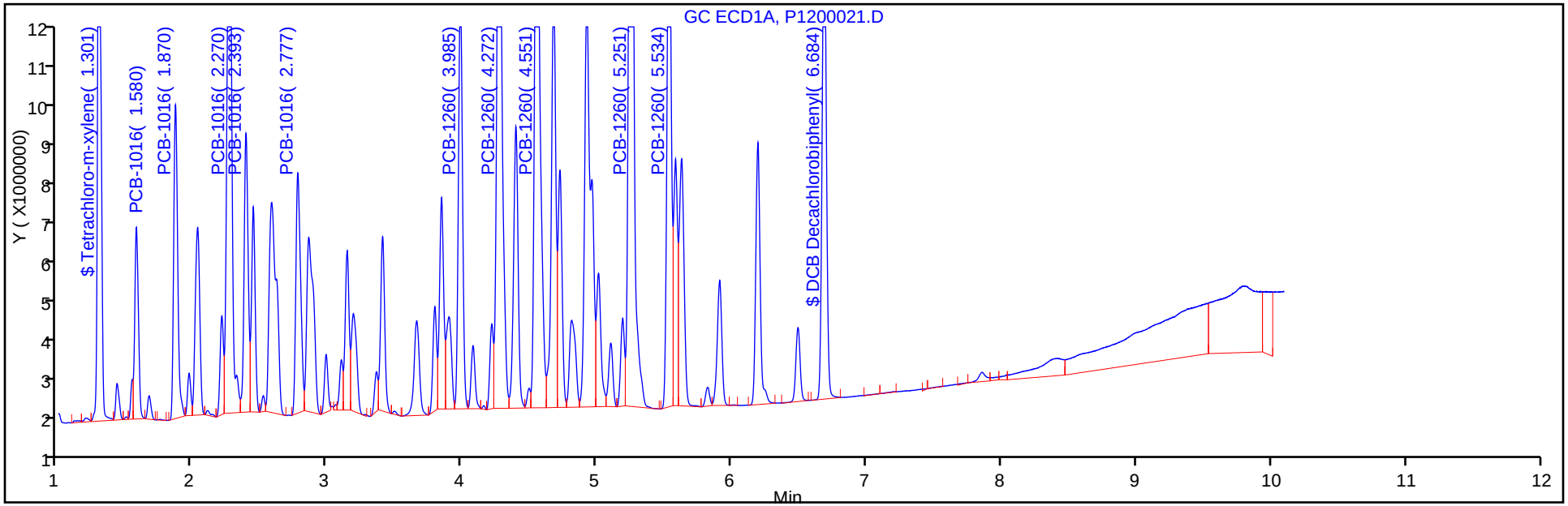
Report Date: 16-Apr-2013 09:18:10 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

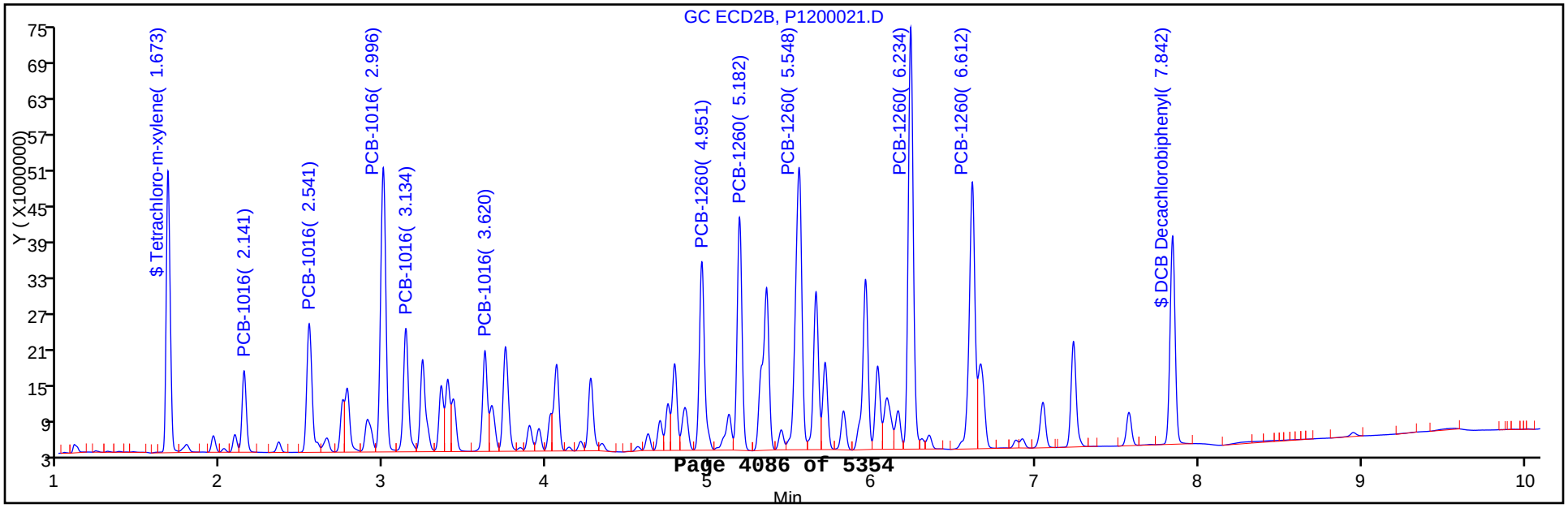
Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200021.D

Injection Date:	15-Apr-2013 14:22:21	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	21
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-81867/32 Calibration Date: 04/15/2013 17:02

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200032.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	16186104	20151156		0.622	0.500	24.5*	20.0
PCB-1016 Peak 2	Ave	30075346	35053574		0.583	0.500	16.6	20.0
PCB-1016 Peak 3	Ave	63982891	79018912		0.618	0.500	23.5*	20.0
PCB-1016 Peak 4	Ave	27020466	32013740		0.592	0.500	18.5	20.0
PCB-1016 Peak 5	Ave	28253356	32275382		0.571	0.500	14.2	20.0
PCB-1260 Peak 1	Ave	43598192	48718424		0.559	0.500	11.7	20.0
PCB-1260 Peak 2	Ave	86122108	97599478		0.567	0.500	13.3	20.0
PCB-1260 Peak 3	Ave	84445888	98396844		0.583	0.500	16.5	20.0
PCB-1260 Peak 4	Ave	118319074	138237774		0.584	0.500	16.8	20.0
PCB-1260 Peak 5	Ave	56124257	64226270		0.572	0.500	14.4	20.0
Tetrachloro-m-xylene	Ave	980852090	1169112720		0.0298	0.0250	19.2	20.0
DCB Decachlorobiphenyl	Ave	1020004033	1162485200		0.0285	0.0250	14.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-81867/32 Calibration Date: 04/15/2013 17:02

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200032.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	1.58	1.53	1.63
PCB-1016 Peak 2	1.87	1.82	1.92
PCB-1016 Peak 3	2.27	2.22	2.32
PCB-1016 Peak 4	2.39	2.34	2.44
PCB-1016 Peak 5	2.78	2.73	2.83
PCB-1260 Peak 1	3.99	3.94	4.04
PCB-1260 Peak 2	4.27	4.22	4.32
PCB-1260 Peak 3	4.55	4.50	4.60
PCB-1260 Peak 4	5.25	5.20	5.30
PCB-1260 Peak 5	5.53	5.48	5.58
Tetrachloro-m-xylene	1.30	1.25	1.35
DCB Decachlorobiphenyl	6.69	6.64	6.74

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200032.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 15-Apr-2013 17:02:02 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0018856-032
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 32
Lims Batch ID: 81867 Lims Sample ID: 32
Sublist: chrom-PCB12*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m
Last Update: 16-Apr-2013 09:18:20 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK021

First Level Reviewer: hassl Date: 16-Apr-2013 09:12:40

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.301	1.301	0.000	29227818	0.0298			
2	2	1.672	1.672	0.000	81824000	0.0307			
						RPD = 2.83			
6 PCB-1016									M
1	100	1.579	1.579	0.000	10075578	0.6225		100.0	M
1	2	1.869	1.869	0.000	17526787	0.5828	165.5- 215.5	174.0	
1	3	2.270	2.270	0.000	39509456	0.6175	356.7- 406.7	392.1	
1	4	2.392	2.392	0.000	16006870	0.5924	144.0- 194.0	158.9	
1	5	2.777	2.777	0.000	16137691	0.5712	153.1- 203.1	160.2	
			Average of Peak Amounts =			0.5973			
2	6	2.140	2.140	0.000	26235564	0.5792		100.0	
2	7	2.540	2.540	0.000	50738539	0.5799	165.6- 225.6	193.4	
2	8	2.996	2.996	0.000	110241295	0.6061	366.1- 426.1	420.2	
2	9	3.134	3.134	0.000	46475738	0.5868	144.6- 204.6	177.1	
2	10	3.620	3.620	0.000	35267981	0.5353	112.9- 172.9	134.4	
			Average of Peak Amounts =			0.5774			
						RPD = 3.38			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.985	3.985	0.000	24359212	0.5587		100.0	
1	2	4.272	4.272	0.000	48799739	0.5666	172.1- 222.1	200.3	
1	3	4.552	4.552	0.000	49198422	0.5826	168.4- 218.4	202.0	
1	4	5.250	5.250	0.000	69118887	0.5842	244.3- 294.3	283.7	
1	5	5.534	5.534	0.000	32113135	0.5722	104.3- 154.3	131.8	
			Average of Peak Amounts =			0.5729			
2	6	4.952	4.952	0.000	72026192	0.5546		100.0	
2	7	5.182	5.182	0.000	82129424	0.5654	80.1- 140.1	114.0	
2	8	5.549	5.549	0.000	131570569	0.5692	146.6- 206.6	182.7	
2	9	6.233	6.233	0.000	154477498	0.5748	174.1- 234.1	214.5	
2	10	6.612	6.612	0.000	112400621	0.5616	121.8- 181.8	156.1	
			Average of Peak Amounts =			0.5651			
						RPD = 1.36			
$ 12 DCB Decachlorobiphenyl									
1	100	6.685	6.685	0.000	29062130	0.0285			
2	2	7.842	7.842	0.000	79142481	0.0268			
						RPD = 6.30			

QC Flag Legend

Review Flags
M - Manually Integrated

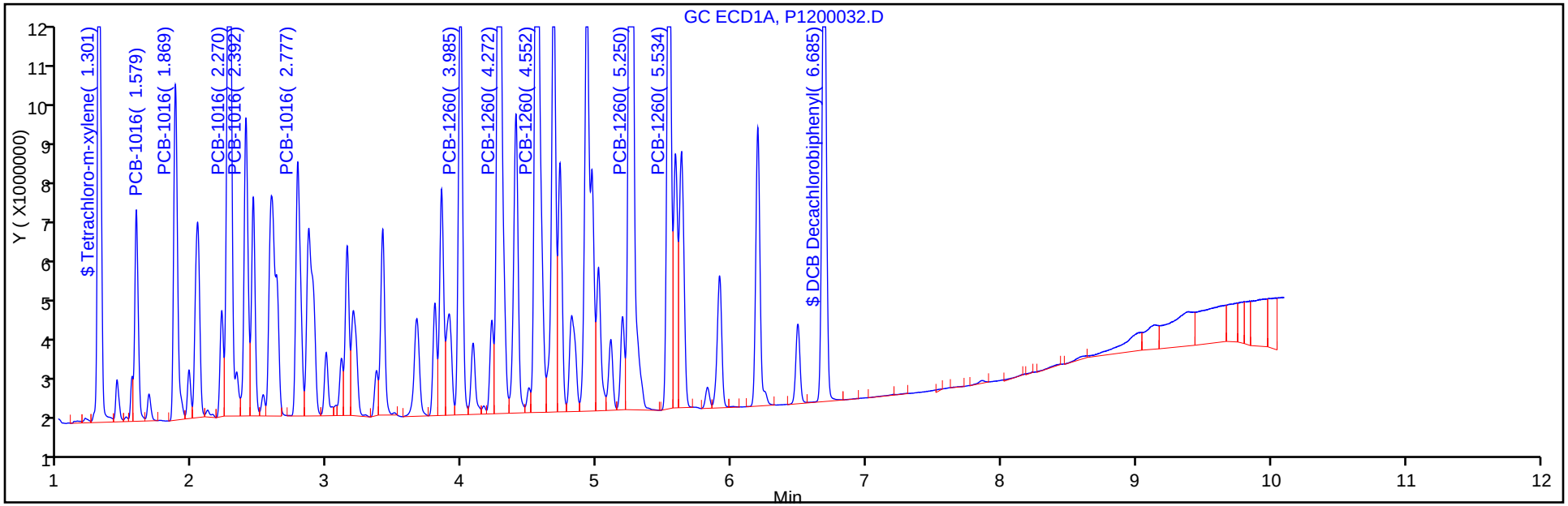
Report Date: 16-Apr-2013 09:18:20 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

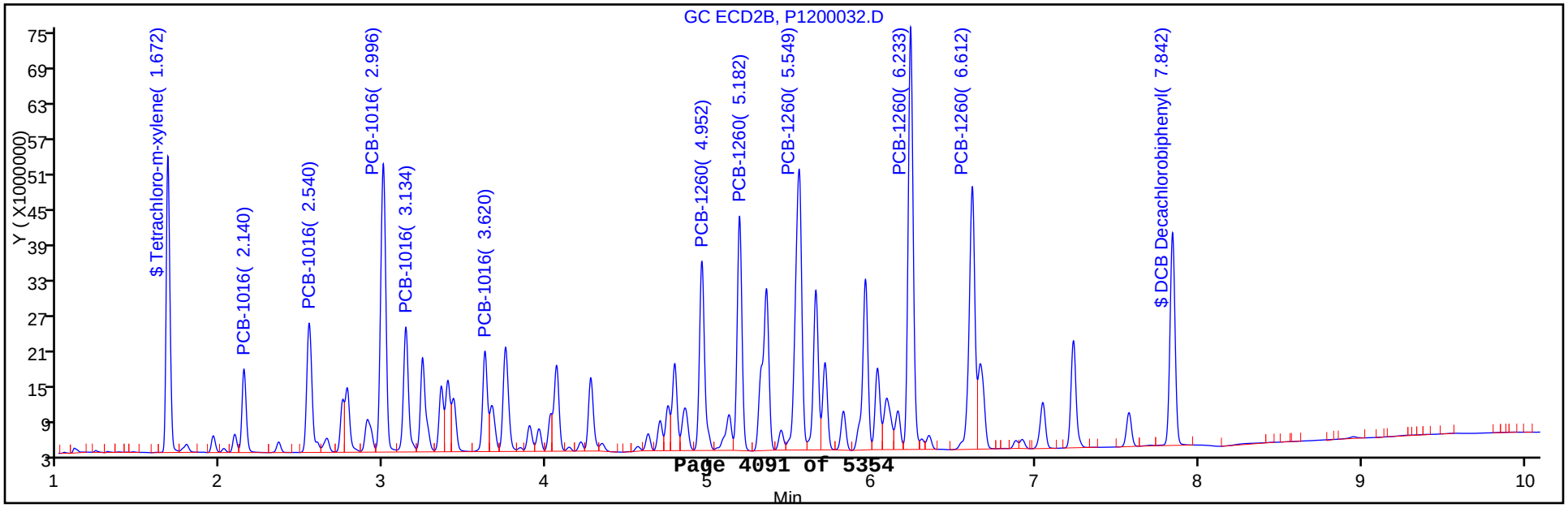
Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200032.D

Injection Date:	15-Apr-2013 17:02:02	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	32
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



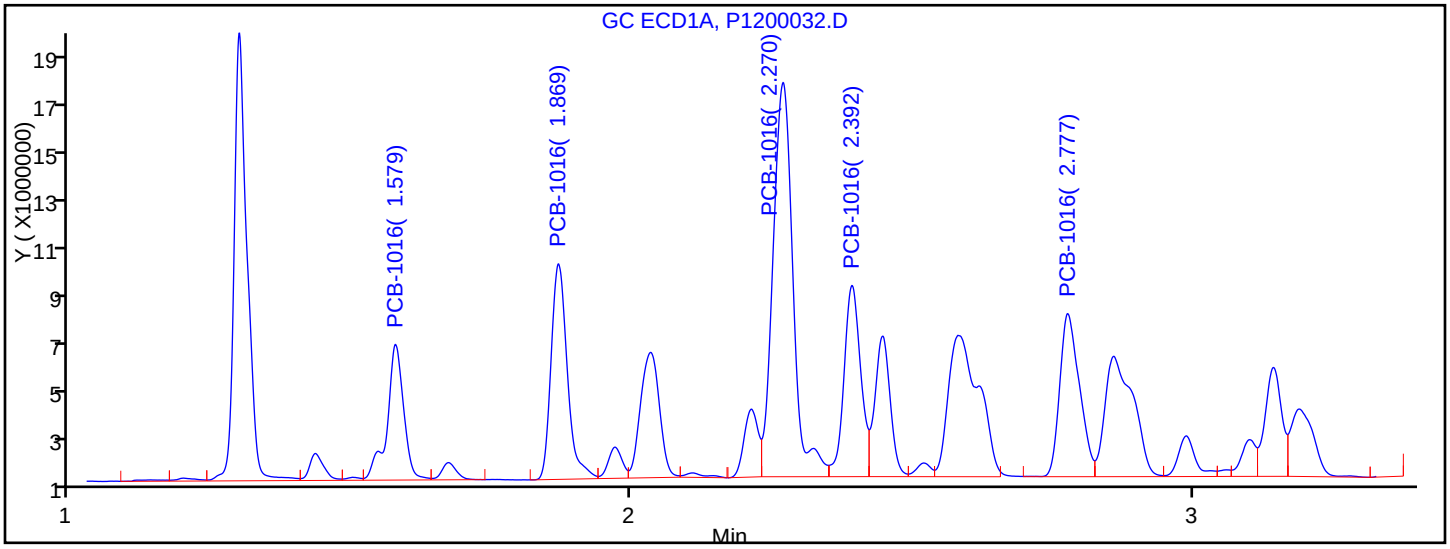
Report Date: 16-Apr-2013 09:18:20 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200032.D

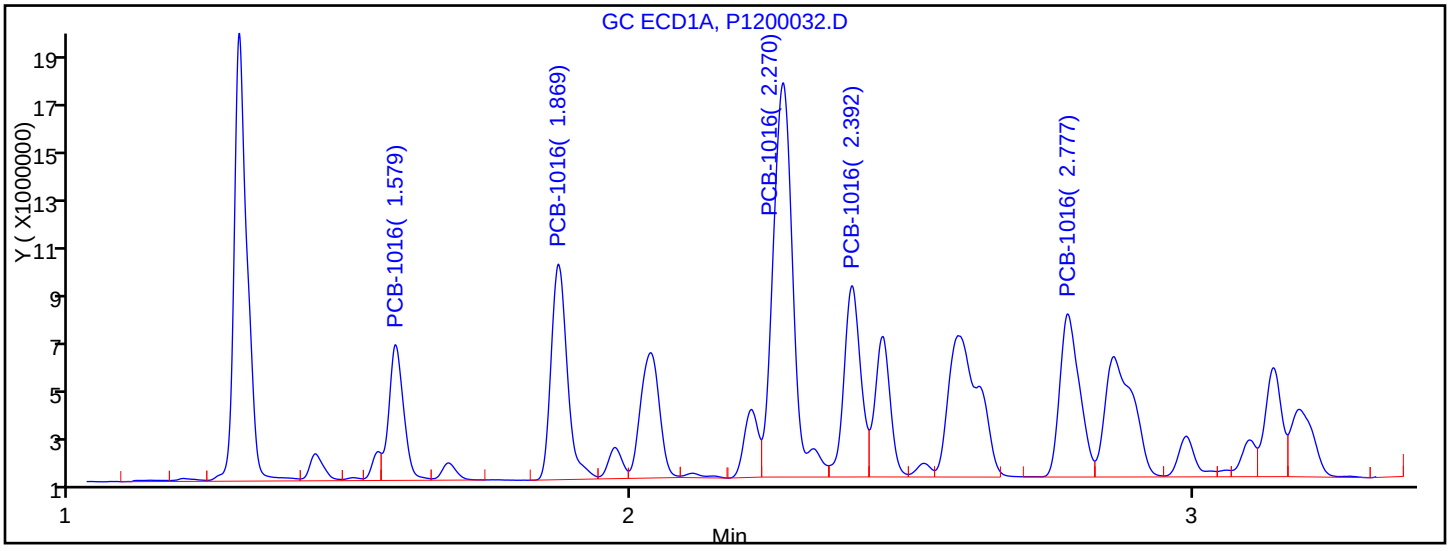
Injection Date:	15-Apr-2013 17:02:02	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	32
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.579	Response = 11311574	M
RT = 1.869	Response = 17526787	
RT = 2.270	Response = 39509456	
RT = 2.392	Response = 16006870	
RT = 2.777	Response = 16137691	



Manual Integration Results

RT = 1.579	Response = 10075578	M
RT = 1.869	Response = 17526787	
RT = 2.270	Response = 39509456	
RT = 2.392	Response = 16006870	
RT = 2.777	Response = 16137691	

Reviewer: hassl, 16-Apr-2013 09:12:40

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-81867/32 Calibration Date: 04/15/2013 17:02

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200032.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	45299578	52471128		0.579	0.500	15.8	20.0
PCB-1016 Peak 2	Ave	87494510	101477078		0.580	0.500	16.0	20.0
PCB-1016 Peak 3	Ave	181900224	220482590		0.606	0.500	21.2*	20.0
PCB-1016 Peak 4	Ave	79207688	92951476		0.587	0.500	17.4	20.0
PCB-1016 Peak 5	Ave	65886914	70535962		0.535	0.500	7.1	20.0
PCB-1260 Peak 1	Ave	129864022	144052384		0.555	0.500	10.9	20.0
PCB-1260 Peak 2	Ave	145267081	164258848		0.565	0.500	13.1	20.0
PCB-1260 Peak 3	Ave	231145923	263141138		0.569	0.500	13.8	20.0
PCB-1260 Peak 4	Ave	268767373	308954996		0.575	0.500	15.0	20.0
PCB-1260 Peak 5	Ave	200141995	224801242		0.562	0.500	12.3	20.0
Tetrachloro-m-xylene	Ave	2669425812	3272960000		0.0307	0.0250	22.6*	20.0
DCB Decachlorobiphenyl	Ave	2958379632	3165699240		0.0268	0.0250	7.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-81867/32 Calibration Date: 04/15/2013 17:02

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200032.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.14	2.09	2.19
PCB-1016 Peak 2	2.54	2.49	2.59
PCB-1016 Peak 3	3.00	2.95	3.05
PCB-1016 Peak 4	3.13	3.08	3.18
PCB-1016 Peak 5	3.62	3.57	3.67
PCB-1260 Peak 1	4.95	4.90	5.00
PCB-1260 Peak 2	5.18	5.13	5.23
PCB-1260 Peak 3	5.55	5.50	5.60
PCB-1260 Peak 4	6.23	6.18	6.28
PCB-1260 Peak 5	6.61	6.56	6.66
Tetrachloro-m-xylene	1.67	1.62	1.72
DCB Decachlorobiphenyl	7.84	7.79	7.89

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200032.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 15-Apr-2013 17:02:02 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0018856-032
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 32
Lims Batch ID: 81867 Lims Sample ID: 32
Sublist: chrom-PCB12*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m
Last Update: 16-Apr-2013 09:18:20 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK021

First Level Reviewer: hassl Date: 16-Apr-2013 09:12:40

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.301	1.301	0.000	29227818	0.0298			
2	2	1.672	1.672	0.000	81824000	0.0307			
						RPD = 2.83			
6 PCB-1016									M
1	100	1.579	1.579	0.000	10075578	0.6225		100.0	M
1	2	1.869	1.869	0.000	17526787	0.5828	165.5- 215.5	174.0	
1	3	2.270	2.270	0.000	39509456	0.6175	356.7- 406.7	392.1	
1	4	2.392	2.392	0.000	16006870	0.5924	144.0- 194.0	158.9	
1	5	2.777	2.777	0.000	16137691	0.5712	153.1- 203.1	160.2	
			Average of Peak Amounts =			0.5973			
2	6	2.140	2.140	0.000	26235564	0.5792		100.0	
2	7	2.540	2.540	0.000	50738539	0.5799	165.6- 225.6	193.4	
2	8	2.996	2.996	0.000	110241295	0.6061	366.1- 426.1	420.2	
2	9	3.134	3.134	0.000	46475738	0.5868	144.6- 204.6	177.1	
2	10	3.620	3.620	0.000	35267981	0.5353	112.9- 172.9	134.4	
			Average of Peak Amounts =			0.5774			
						RPD = 3.38			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.985	3.985	0.000	24359212	0.5587		100.0	
1	2	4.272	4.272	0.000	48799739	0.5666	172.1- 222.1	200.3	
1	3	4.552	4.552	0.000	49198422	0.5826	168.4- 218.4	202.0	
1	4	5.250	5.250	0.000	69118887	0.5842	244.3- 294.3	283.7	
1	5	5.534	5.534	0.000	32113135	0.5722	104.3- 154.3	131.8	
			Average of Peak Amounts =			0.5729			
2	6	4.952	4.952	0.000	72026192	0.5546		100.0	
2	7	5.182	5.182	0.000	82129424	0.5654	80.1- 140.1	114.0	
2	8	5.549	5.549	0.000	131570569	0.5692	146.6- 206.6	182.7	
2	9	6.233	6.233	0.000	154477498	0.5748	174.1- 234.1	214.5	
2	10	6.612	6.612	0.000	112400621	0.5616	121.8- 181.8	156.1	
			Average of Peak Amounts =			0.5651			
						RPD = 1.36			
$ 12 DCB Decachlorobiphenyl									
1	100	6.685	6.685	0.000	29062130	0.0285			
2	2	7.842	7.842	0.000	79142481	0.0268			
						RPD = 6.30			

QC Flag Legend

Review Flags
M - Manually Integrated

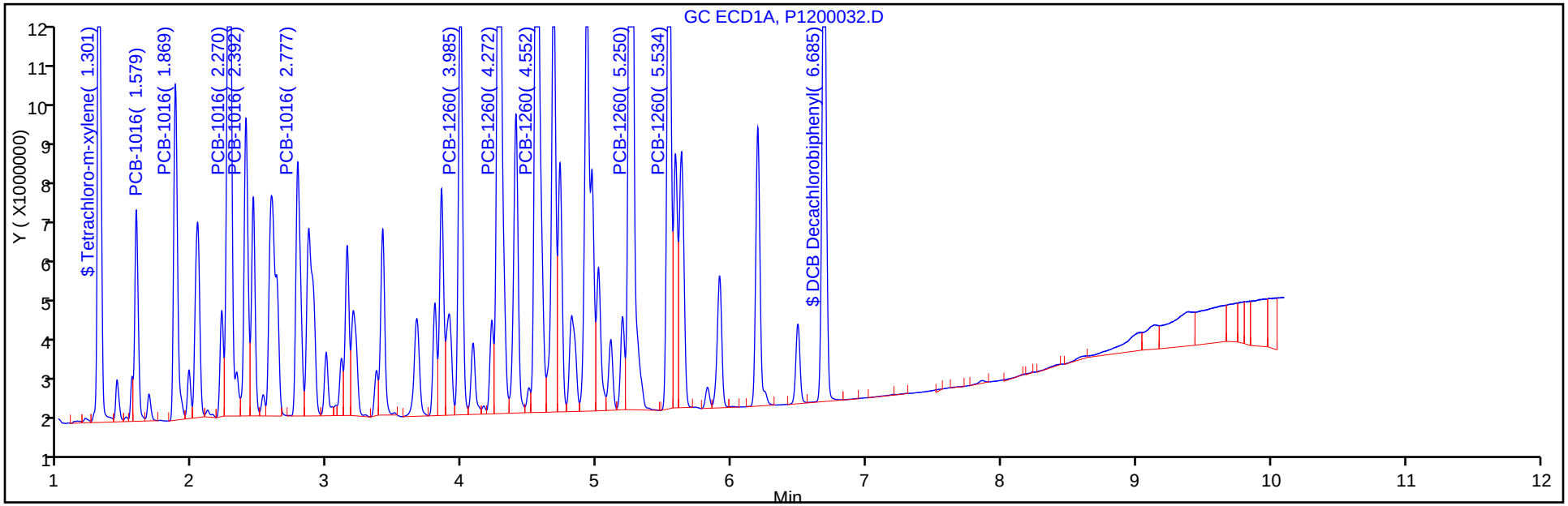
Report Date: 16-Apr-2013 09:18:21 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

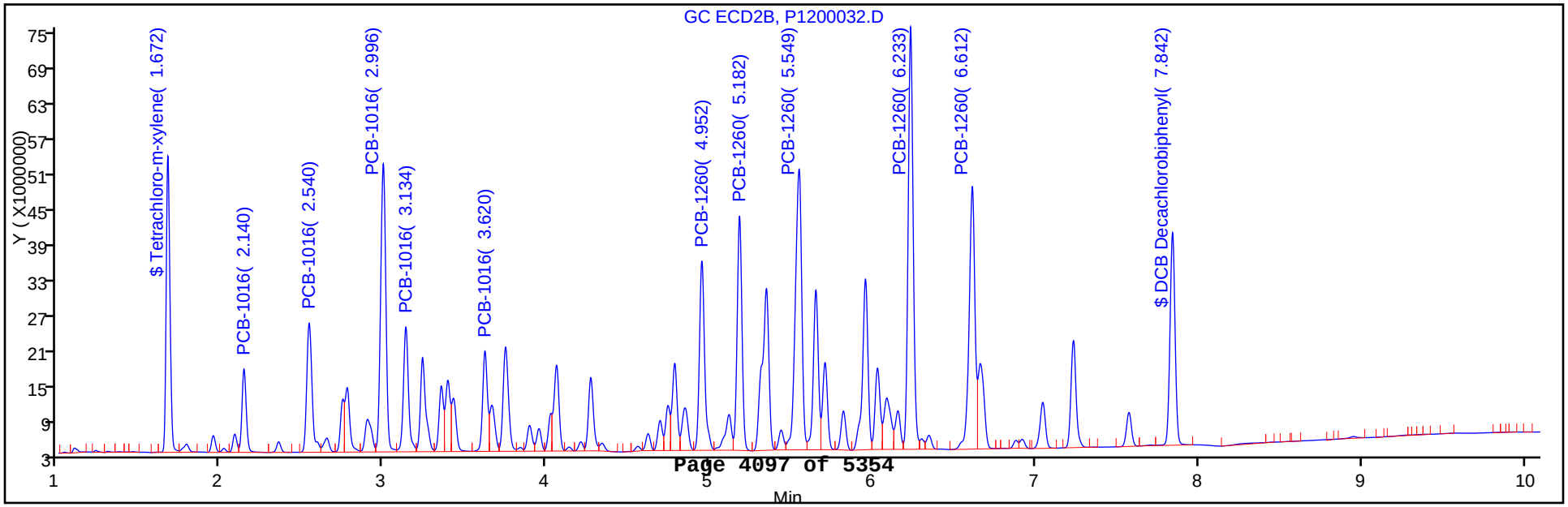
Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200032.D

Injection Date:	15-Apr-2013 17:02:02	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	32
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-81867/37 Calibration Date: 04/15/2013 18:15

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200037.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	16186104	21301780		0.658	0.500	31.6*	20.0
PCB-1016 Peak 2	Ave	30075346	36777402		0.611	0.500	22.3*	20.0
PCB-1016 Peak 3	Ave	63982891	83777644		0.655	0.500	30.9*	20.0
PCB-1016 Peak 4	Ave	27020466	33327666		0.617	0.500	23.3*	20.0
PCB-1016 Peak 5	Ave	28253356	33132776		0.586	0.500	17.3	20.0
PCB-1260 Peak 1	Ave	43598192	49253658		0.565	0.500	13.0	20.0
PCB-1260 Peak 2	Ave	86122108	98585910		0.572	0.500	14.5	20.0
PCB-1260 Peak 3	Ave	84445888	98330156		0.582	0.500	16.4	20.0
PCB-1260 Peak 4	Ave	118319074	135322082		0.572	0.500	14.4	20.0
PCB-1260 Peak 5	Ave	56124257	60411148		0.538	0.500	7.6	20.0
Tetrachloro-m-xylene	Ave	980852090	1218249360		0.0311	0.0250	24.2*	20.0
DCB Decachlorobiphenyl	Ave	1020004033	1056535200		0.0259	0.0250	3.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-81867/37 Calibration Date: 04/15/2013 18:15

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200037.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	1.58	1.53	1.63
PCB-1016 Peak 2	1.87	1.82	1.92
PCB-1016 Peak 3	2.27	2.22	2.32
PCB-1016 Peak 4	2.39	2.34	2.44
PCB-1016 Peak 5	2.78	2.73	2.83
PCB-1260 Peak 1	3.99	3.94	4.04
PCB-1260 Peak 2	4.27	4.22	4.32
PCB-1260 Peak 3	4.55	4.50	4.60
PCB-1260 Peak 4	5.25	5.20	5.30
PCB-1260 Peak 5	5.53	5.48	5.58
Tetrachloro-m-xylene	1.30	1.25	1.35
DCB Decachlorobiphenyl	6.69	6.64	6.74

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200037.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 15-Apr-2013 18:15:18 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0018856-037
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 37
Lims Batch ID: 81867 Lims Sample ID: 37
Sublist: chrom-PCB12*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m
Last Update: 16-Apr-2013 09:18:26 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK021

First Level Reviewer: hassl Date: 16-Apr-2013 09:14:14

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.301	1.301	0.000	30456234	0.0311			
2	2	1.674	1.674	0.000	85010168	0.0318			
						RPD = 2.53			
6 PCB-1016									M
1	100	1.580	1.580	0.000	10650890	0.6580		100.0	M
1	2	1.872	1.872	0.000	18388701	0.6114	165.5- 215.5	172.6	
1	3	2.272	2.272	0.000	41888822	0.6547	356.7- 406.7	393.3	
1	4	2.393	2.393	0.000	16663833	0.6167	144.0- 194.0	156.5	
1	5	2.778	2.778	0.000	16566388	0.5864	153.1- 203.1	155.5	
			Average of Peak Amounts =			0.6254			
2	6	2.142	2.142	0.000	27480317	0.6066		100.0	
2	7	2.542	2.542	0.000	52582811	0.6010	165.6- 225.6	191.3	
2	8	2.996	2.996	0.000	114553191	0.6298	366.1- 426.1	416.9	
2	9	3.134	3.134	0.000	47683263	0.6020	144.6- 204.6	173.5	
2	10	3.621	3.621	0.000	35827845	0.5438	112.9- 172.9	130.4	
			Average of Peak Amounts =			0.5966			
						RPD = 4.71			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.986	3.986	0.000	24626829	0.5649		100.0	
1	2	4.273	4.273	0.000	49292955	0.5724	172.1- 222.1	200.2	
1	3	4.552	4.552	0.000	49165078	0.5822	168.4- 218.4	199.6	
1	4	5.252	5.252	0.000	67661041	0.5719	244.3- 294.3	274.7	
1	5	5.534	5.534	0.000	30205574	0.5382	104.3- 154.3	122.7	
			Average of Peak Amounts =			0.5659			
2	6	4.953	4.953	0.000	72382466	0.5574		100.0	
2	7	5.184	5.184	0.000	81428036	0.5605	80.1- 140.1	112.5	
2	8	5.549	5.549	0.000	130464426	0.5644	146.6- 206.6	180.2	
2	9	6.233	6.233	0.000	152086416	0.5659	174.1- 234.1	210.1	
2	10	6.612	6.612	0.000	106920642	0.5342	121.8- 181.8	147.7	
			Average of Peak Amounts =			0.5565			
						RPD = 1.68			
$ 12 DCB Decachlorobiphenyl									
1	100	6.685	6.685	0.000	26413380	0.0259			
2	2	7.841	7.841	0.000	76783096	0.0260			
						RPD = 0.23			

QC Flag Legend

Review Flags
M - Manually Integrated

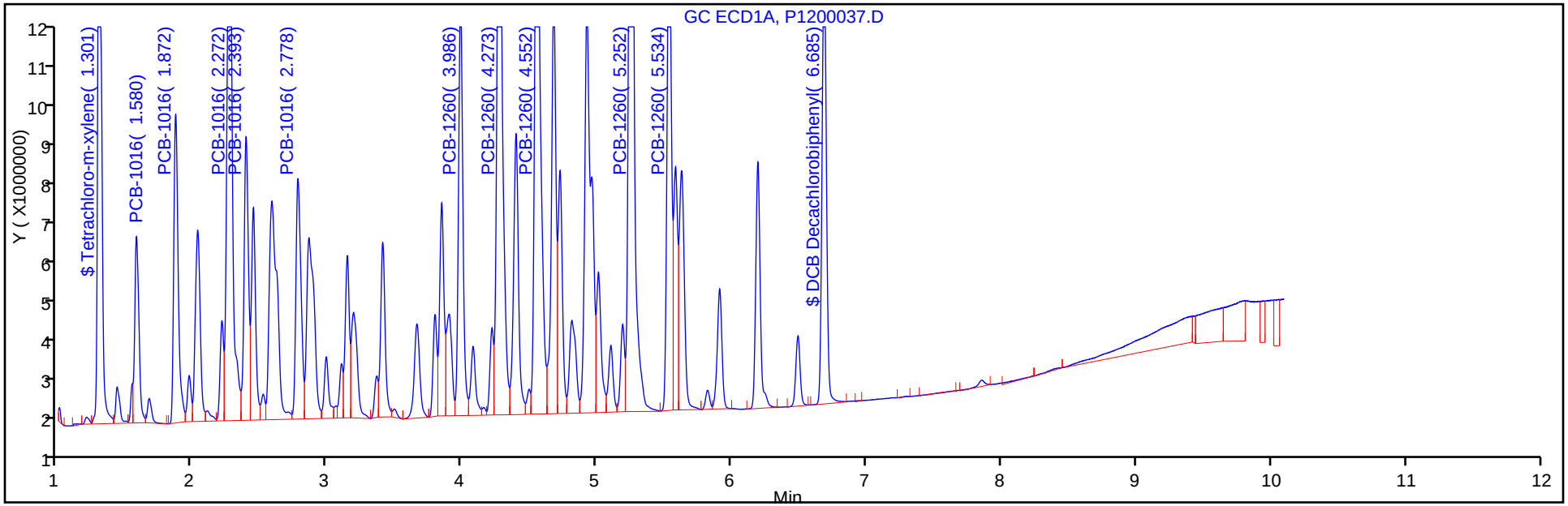
Report Date: 16-Apr-2013 09:18:26 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

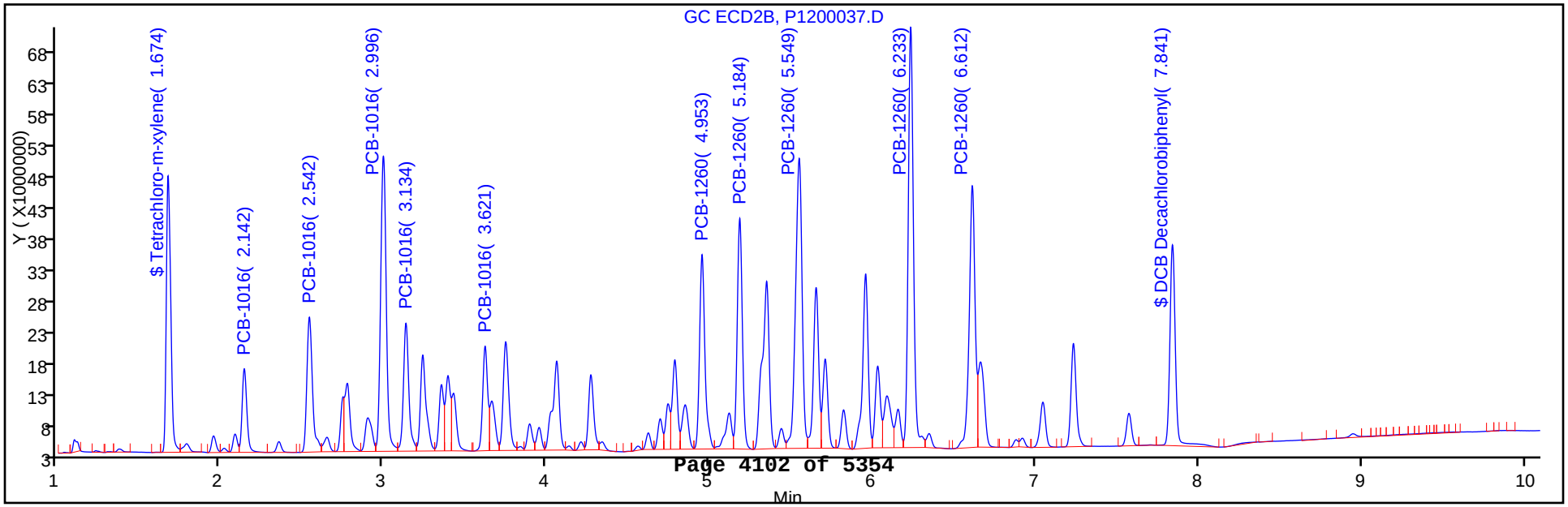
Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200037.D

Injection Date:	15-Apr-2013 18:15:18	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	37
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



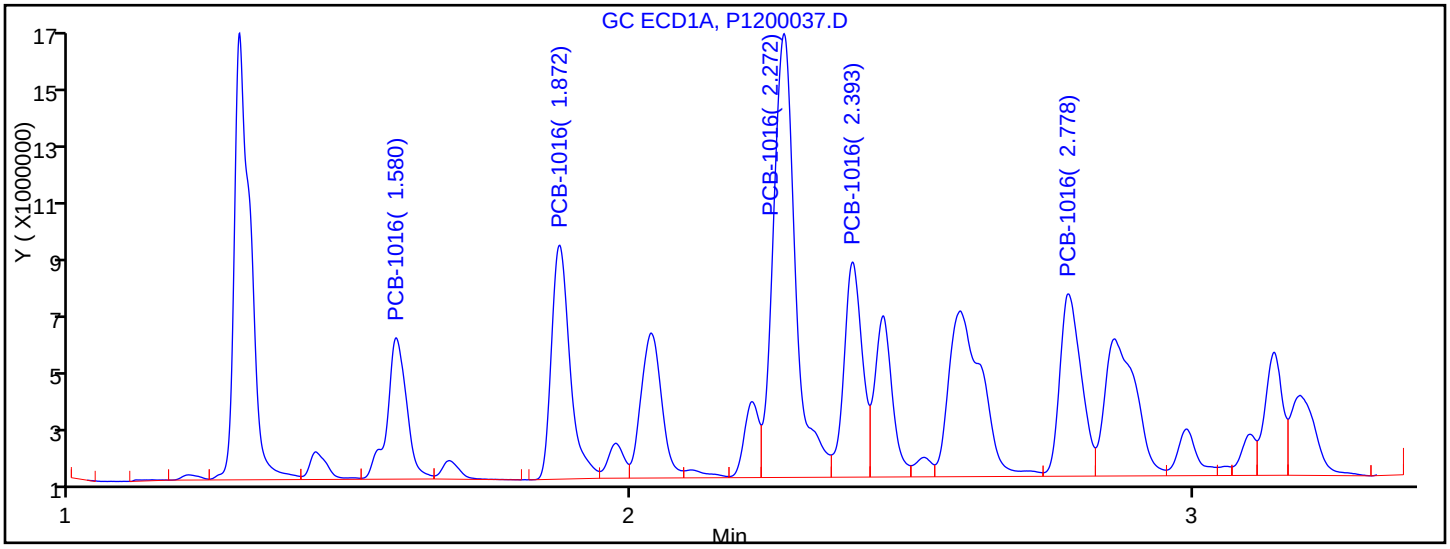
Report Date: 16-Apr-2013 09:18:26 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200037.D

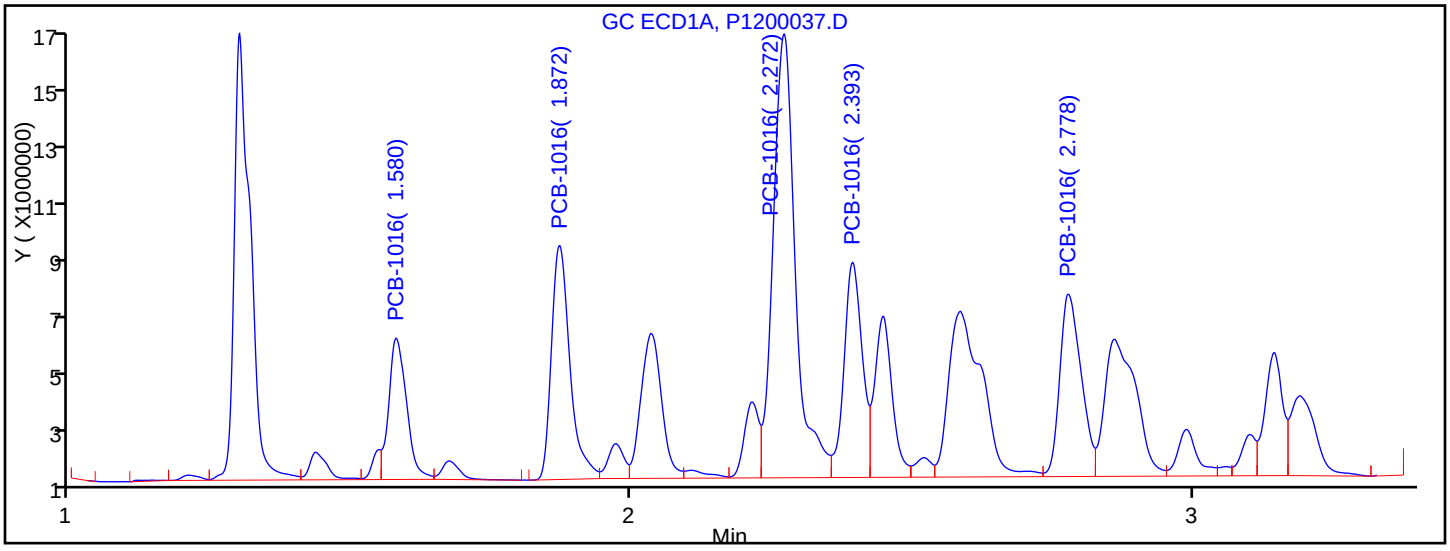
Injection Date:	15-Apr-2013 18:15:18	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	37
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.580	Response = 11726782	M
RT = 1.872	Response = 18388701	
RT = 2.272	Response = 41888822	
RT = 2.393	Response = 16663833	
RT = 2.778	Response = 16566388	



Manual Integration Results

RT = 1.580	Response = 10650890	M
RT = 1.872	Response = 18388701	
RT = 2.272	Response = 41888822	
RT = 2.393	Response = 16663833	
RT = 2.778	Response = 16566388	

Reviewer: hassl, 16-Apr-2013 09:14:14

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-81867/37 Calibration Date: 04/15/2013 18:15

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200037.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	45299578	54960634		0.607	0.500	21.3*	20.0
PCB-1016 Peak 2	Ave	87494510	105165622		0.601	0.500	20.2*	20.0
PCB-1016 Peak 3	Ave	181900224	229106382		0.630	0.500	26.0*	20.0
PCB-1016 Peak 4	Ave	79207688	95366526		0.602	0.500	20.4*	20.0
PCB-1016 Peak 5	Ave	65886914	71655690		0.544	0.500	8.8	20.0
PCB-1260 Peak 1	Ave	129864022	144764932		0.557	0.500	11.5	20.0
PCB-1260 Peak 2	Ave	145267081	162856072		0.561	0.500	12.1	20.0
PCB-1260 Peak 3	Ave	231145923	260928852		0.564	0.500	12.9	20.0
PCB-1260 Peak 4	Ave	268767373	304172832		0.566	0.500	13.2	20.0
PCB-1260 Peak 5	Ave	200141995	213841284		0.534	0.500	6.8	20.0
Tetrachloro-m-xylene	Ave	2669425812	3400406720		0.0318	0.0250	27.4*	20.0
DCB Decachlorobiphenyl	Ave	2958379632	3071323840		0.0260	0.0250	3.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-81867/37 Calibration Date: 04/15/2013 18:15

Instrument ID: A2HP12 Calib Start Date: 04/01/2013 15:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/01/2013 17:05

Lab File ID: P1200037.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.14	2.09	2.19
PCB-1016 Peak 2	2.54	2.49	2.59
PCB-1016 Peak 3	3.00	2.95	3.05
PCB-1016 Peak 4	3.13	3.08	3.18
PCB-1016 Peak 5	3.62	3.57	3.67
PCB-1260 Peak 1	4.95	4.90	5.00
PCB-1260 Peak 2	5.18	5.13	5.23
PCB-1260 Peak 3	5.55	5.50	5.60
PCB-1260 Peak 4	6.23	6.18	6.28
PCB-1260 Peak 5	6.61	6.56	6.66
Tetrachloro-m-xylene	1.67	1.62	1.72
DCB Decachlorobiphenyl	7.84	7.79	7.89

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200037.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 15-Apr-2013 18:15:18 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0018856-037
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 37
Lims Batch ID: 81867 Lims Sample ID: 37
Sublist: chrom-PCB12*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m
Last Update: 16-Apr-2013 09:18:26 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK021

First Level Reviewer: hassl Date: 16-Apr-2013 09:14:14

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.301	1.301	0.000	30456234	0.0311			
2	2	1.674	1.674	0.000	85010168	0.0318			
						RPD = 2.53			
6 PCB-1016									M
1	100	1.580	1.580	0.000	10650890	0.6580		100.0	M
1	2	1.872	1.872	0.000	18388701	0.6114	165.5- 215.5	172.6	
1	3	2.272	2.272	0.000	41888822	0.6547	356.7- 406.7	393.3	
1	4	2.393	2.393	0.000	16663833	0.6167	144.0- 194.0	156.5	
1	5	2.778	2.778	0.000	16566388	0.5864	153.1- 203.1	155.5	
			Average of Peak Amounts =			0.6254			
2	6	2.142	2.142	0.000	27480317	0.6066		100.0	
2	7	2.542	2.542	0.000	52582811	0.6010	165.6- 225.6	191.3	
2	8	2.996	2.996	0.000	114553191	0.6298	366.1- 426.1	416.9	
2	9	3.134	3.134	0.000	47683263	0.6020	144.6- 204.6	173.5	
2	10	3.621	3.621	0.000	35827845	0.5438	112.9- 172.9	130.4	
			Average of Peak Amounts =			0.5966			
						RPD = 4.71			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.986	3.986	0.000	24626829	0.5649		100.0	
1	2	4.273	4.273	0.000	49292955	0.5724	172.1- 222.1	200.2	
1	3	4.552	4.552	0.000	49165078	0.5822	168.4- 218.4	199.6	
1	4	5.252	5.252	0.000	67661041	0.5719	244.3- 294.3	274.7	
1	5	5.534	5.534	0.000	30205574	0.5382	104.3- 154.3	122.7	
			Average of Peak Amounts =			0.5659			
2	6	4.953	4.953	0.000	72382466	0.5574		100.0	
2	7	5.184	5.184	0.000	81428036	0.5605	80.1- 140.1	112.5	
2	8	5.549	5.549	0.000	130464426	0.5644	146.6- 206.6	180.2	
2	9	6.233	6.233	0.000	152086416	0.5659	174.1- 234.1	210.1	
2	10	6.612	6.612	0.000	106920642	0.5342	121.8- 181.8	147.7	
			Average of Peak Amounts =			0.5565			
						RPD = 1.68			
$ 12 DCB Decachlorobiphenyl									
1	100	6.685	6.685	0.000	26413380	0.0259			
2	2	7.841	7.841	0.000	76783096	0.0260			
						RPD = 0.23			

QC Flag Legend

Review Flags
M - Manually Integrated

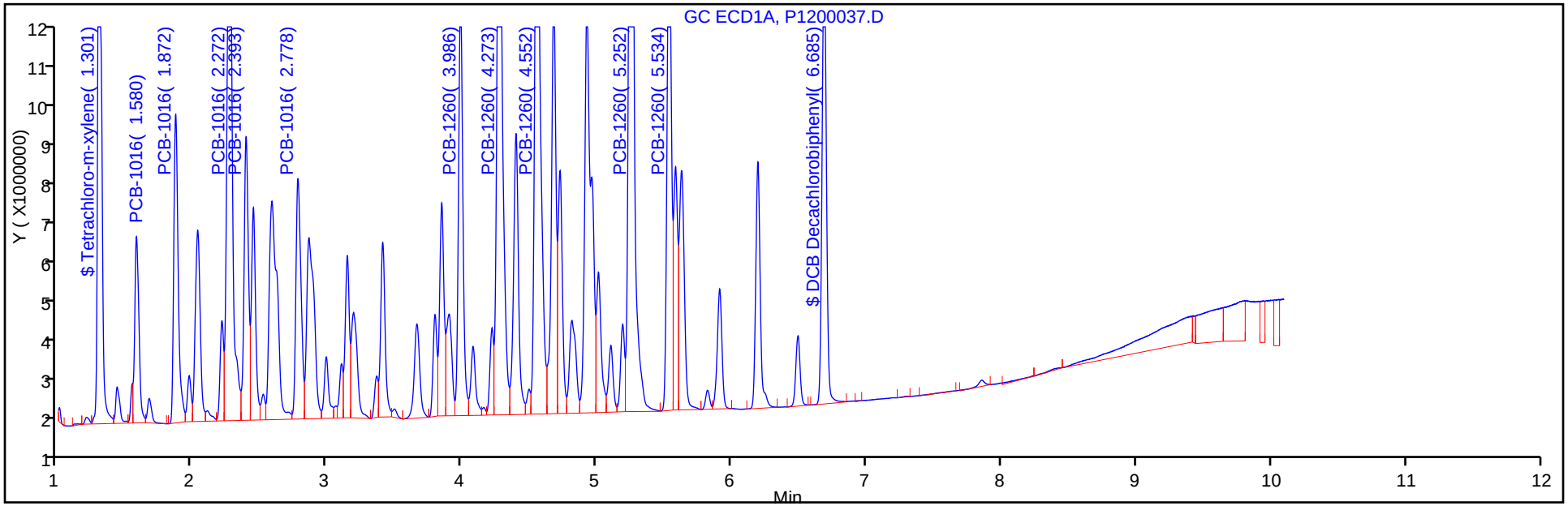
Report Date: 16-Apr-2013 09:18:27 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

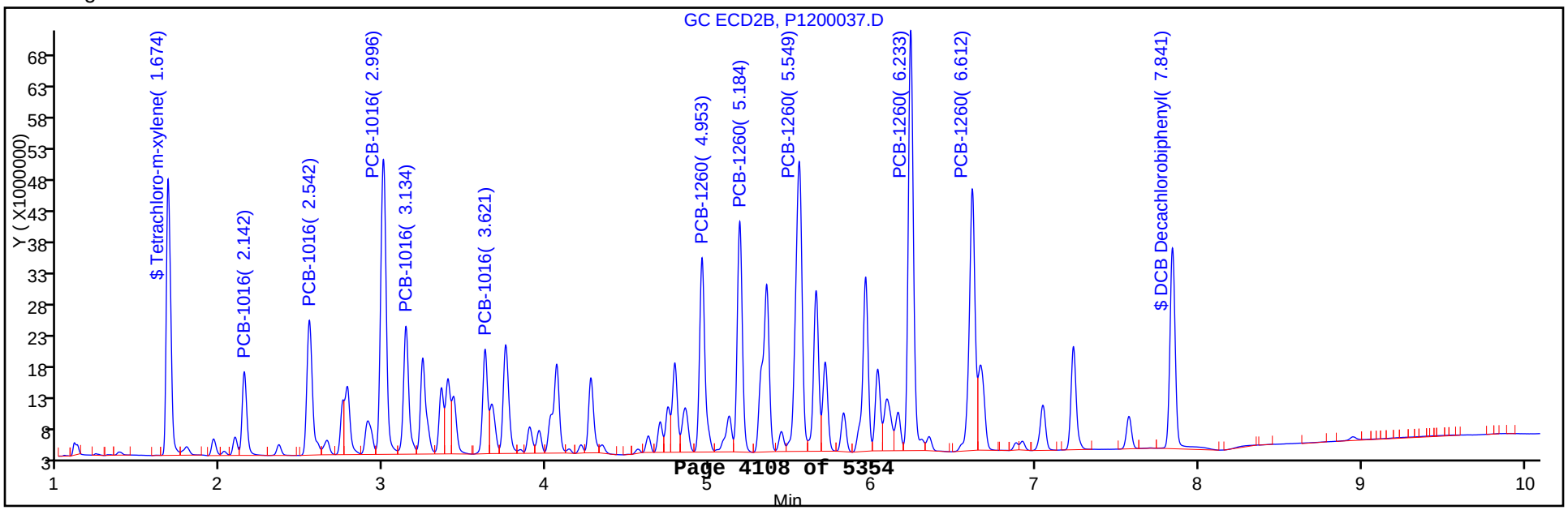
Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200037.D

Injection Date:	15-Apr-2013 18:15:18	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	37
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-81761/45 Calibration Date: 04/15/2013 10:40

Instrument ID: A2HP4 Calib Start Date: 04/15/2013 04:24

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/15/2013 05:42

Lab File ID: P4000045.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Ave	14870794	16748823		1.13	1.00	12.6	20.0
PCB-1221 Peak 2	Ave	7388921	7821348		1.06	1.00	5.9	20.0
PCB-1221 Peak 3	Ave	37119964	41282468		1.11	1.00	11.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-81761/45 Calibration Date: 04/15/2013 10:40

Instrument ID: A2HP4 Calib Start Date: 04/15/2013 04:24

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/15/2013 05:42

Lab File ID: P4000045.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1221 Peak 1	1.41	1.30	1.50
PCB-1221 Peak 2	1.51	1.41	1.61
PCB-1221 Peak 3	1.54	1.44	1.64

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000045.D
Lims ID: ICV 1221 Client ID:
Inject. Date: 15-Apr-2013 10:40:30 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0018824-045
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 45
Lims Batch ID: 81761 Lims Sample ID: 45
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:05:36 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK026

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									
1	2	1.405	1.404	0.001	16748823	1.13		100.0	
1	3	1.513	1.511	0.002	7821348	1.06	31.2- 81.2	46.7	
1	4	1.543	1.541	0.002	41282468	1.11	221.6- 271.6	246.5	
			Average of Peak Amounts =			1.10			
2	4	1.956	1.955	0.001	15676848	1.04		100.0	
2	5	2.087	2.085	0.002	10463119	1.10	34.7- 94.7	66.7	
2	6	2.143	2.141	0.002	39641482	1.12	206.7- 266.7	252.9	
			Average of Peak Amounts =			1.08			
						RPD = 1.38			

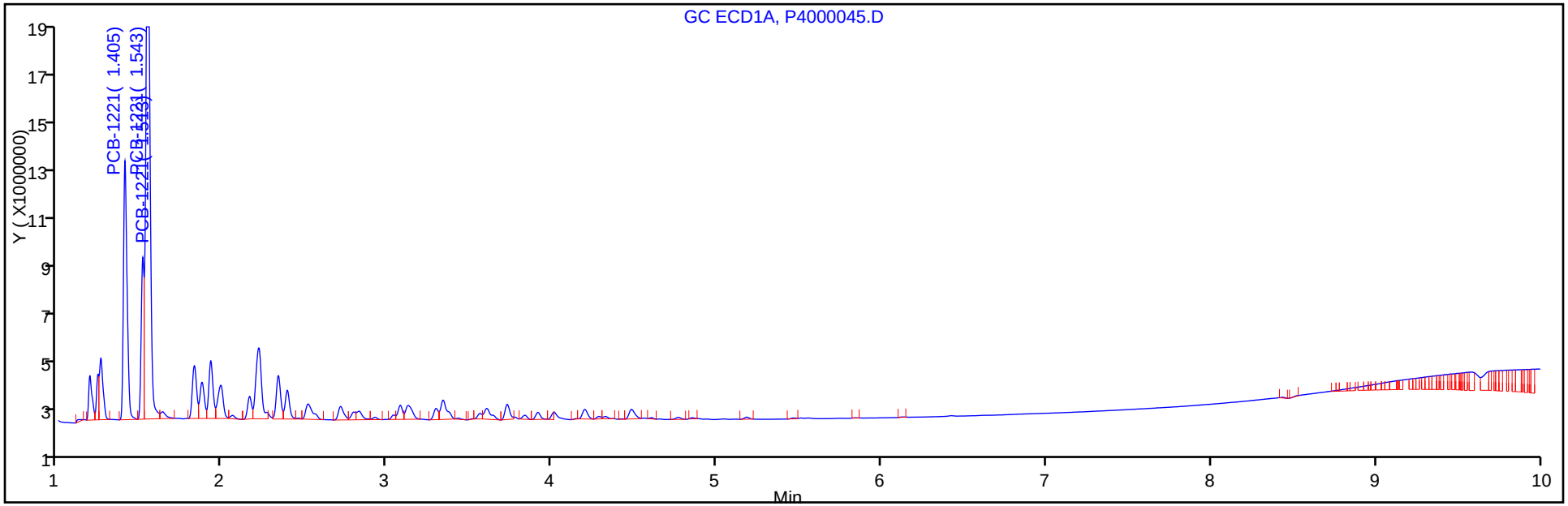
Report Date: 15-Apr-2013 13:05:39 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

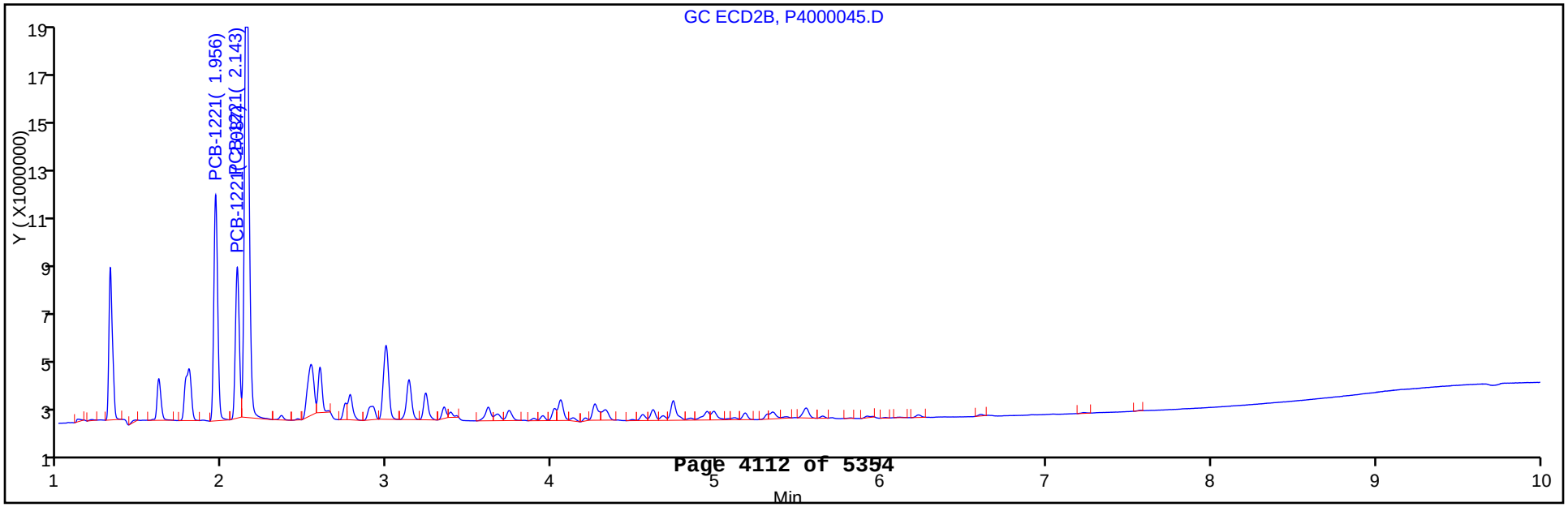
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000045.D

Injection Date:	15-Apr-2013 10:40:30	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	45
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-81761/45 Calibration Date: 04/15/2013 10:40

Instrument ID: A2HP4 Calib Start Date: 04/15/2013 04:24

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/15/2013 05:42

Lab File ID: P4000045.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Ave	15123834	15676848		1.04	1.00	3.7	20.0
PCB-1221 Peak 2	Ave	9554096	10463119		1.10	1.00	9.5	20.0
PCB-1221 Peak 3	Ave	35397504	39641482		1.12	1.00	12.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-81761/45 Calibration Date: 04/15/2013 10:40

Instrument ID: A2HP4 Calib Start Date: 04/15/2013 04:24

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/15/2013 05:42

Lab File ID: P4000045.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1221 Peak 1	1.96	1.86	2.06
PCB-1221 Peak 2	2.09	1.99	2.19
PCB-1221 Peak 3	2.14	2.04	2.24

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000045.D
Lims ID: ICV 1221 Client ID:
Inject. Date: 15-Apr-2013 10:40:30 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0018824-045
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 45
Lims Batch ID: 81761 Lims Sample ID: 45
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:05:36 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK026

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									
1	2	1.405	1.404	0.001	16748823	1.13		100.0	
1	3	1.513	1.511	0.002	7821348	1.06	31.2- 81.2	46.7	
1	4	1.543	1.541	0.002	41282468	1.11	221.6- 271.6	246.5	
			Average of Peak Amounts =			1.10			
2	4	1.956	1.955	0.001	15676848	1.04		100.0	
2	5	2.087	2.085	0.002	10463119	1.10	34.7- 94.7	66.7	
2	6	2.143	2.141	0.002	39641482	1.12	206.7- 266.7	252.9	
			Average of Peak Amounts =			1.08			
						RPD = 1.38			

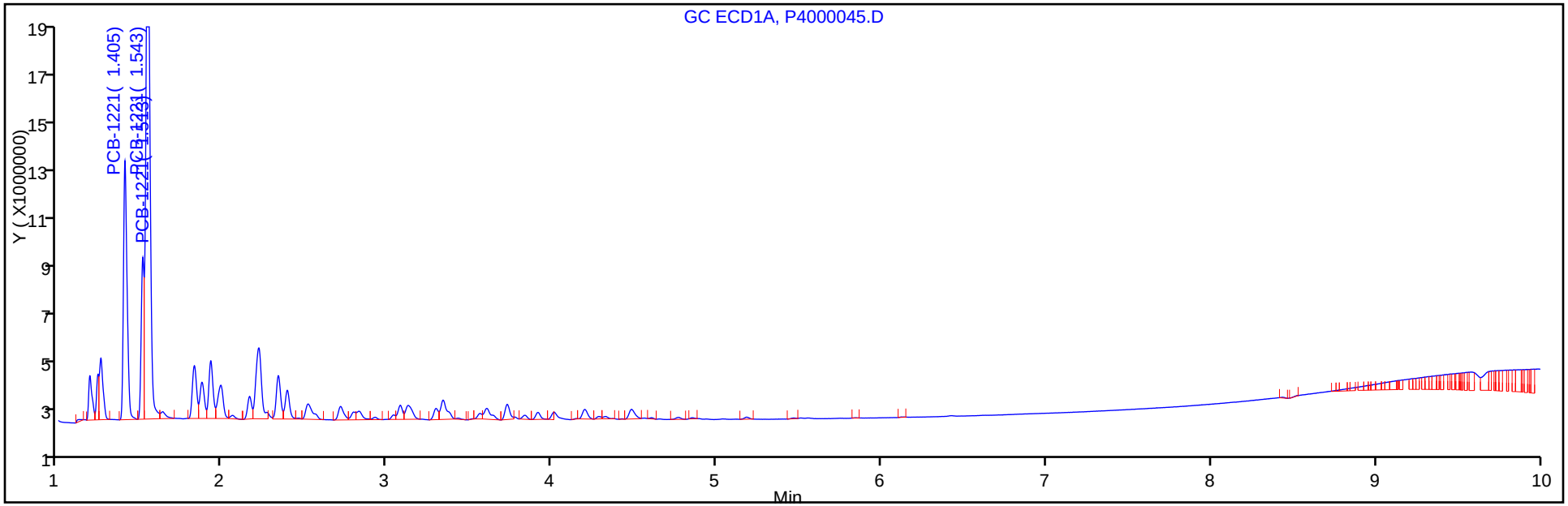
Report Date: 15-Apr-2013 13:05:39 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

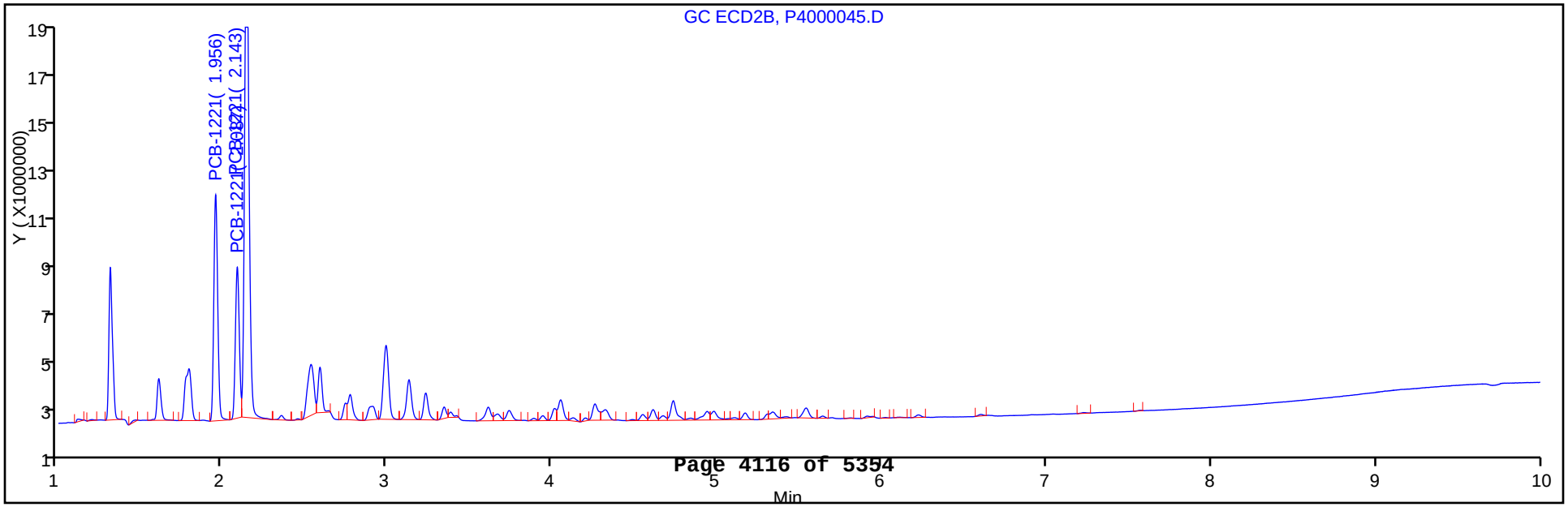
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000045.D

Injection Date:	15-Apr-2013 10:40:30	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	45
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-81761/46 Calibration Date: 04/15/2013 10:56

Instrument ID: A2HP4 Calib Start Date: 04/14/2013 23:42

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/15/2013 01:00

Lab File ID: P4000046.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1232 Peak 1	Ave	29978183	27442395		0.915	1.00	-8.5	20.0
PCB-1232 Peak 2	Ave	21712646	22589117		1.04	1.00	4.0	20.0
PCB-1232 Peak 3	Ave	40373217	42831045		1.06	1.00	6.1	20.0
PCB-1232 Peak 4	Ave	17354451	18806706		1.08	1.00	8.4	20.0
PCB-1232 Peak 5	Ave	16203678	17521867		1.08	1.00	8.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-81761/46 Calibration Date: 04/15/2013 10:56

Instrument ID: A2HP4 Calib Start Date: 04/14/2013 23:42

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/15/2013 01:00

Lab File ID: P4000046.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1232 Peak 1	1.54	1.44	1.64
PCB-1232 Peak 2	1.82	1.72	1.92
PCB-1232 Peak 3	2.22	2.11	2.31
PCB-1232 Peak 4	2.34	2.23	2.43
PCB-1232 Peak 5	2.72	2.61	2.81

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000046.D
Lims ID: ICV 1232 Client ID:
Inject. Date: 15-Apr-2013 10:56:12 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0018824-046
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 46
Lims Batch ID: 81761 Lims Sample ID: 46
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:05:36 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK026

First Level Reviewer: hassl Date: 15-Apr-2013 12:48:56

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									M
1	100	1.542	1.538	0.004	27442395	0.9154		100.0	
1	2	1.824	1.820	0.004	22589117	1.04	51.4- 101.4	82.3	M
1	3	2.216	2.210	0.006	42831045	1.06	101.9- 151.9	156.1	M
1	4	2.337	2.330	0.007	18806706	1.08	30.8- 80.8	68.5	M
1	5	2.715	2.707	0.008	17521867	1.08	29.6- 79.6	63.8	M
			Average of Peak Amounts =			1.04			
2	6	2.142	2.136	0.006	26636470	0.9123		100.0	
2	7	2.538	2.531	0.007	22530121	0.9494	47.8- 107.8	84.6	
2	8	2.990	2.980	0.010	45287113	1.06	111.9- 171.9	170.0	
2	9	3.127	3.120	0.007	19863491	1.00	36.1- 96.1	74.6	
2	10	3.737	3.727	0.010	16648545	1.07	20.4- 80.4	62.5	
			Average of Peak Amounts =			1.00			
						RPD = 3.75			

QC Flag Legend

Review Flags
M - Manually Integrated

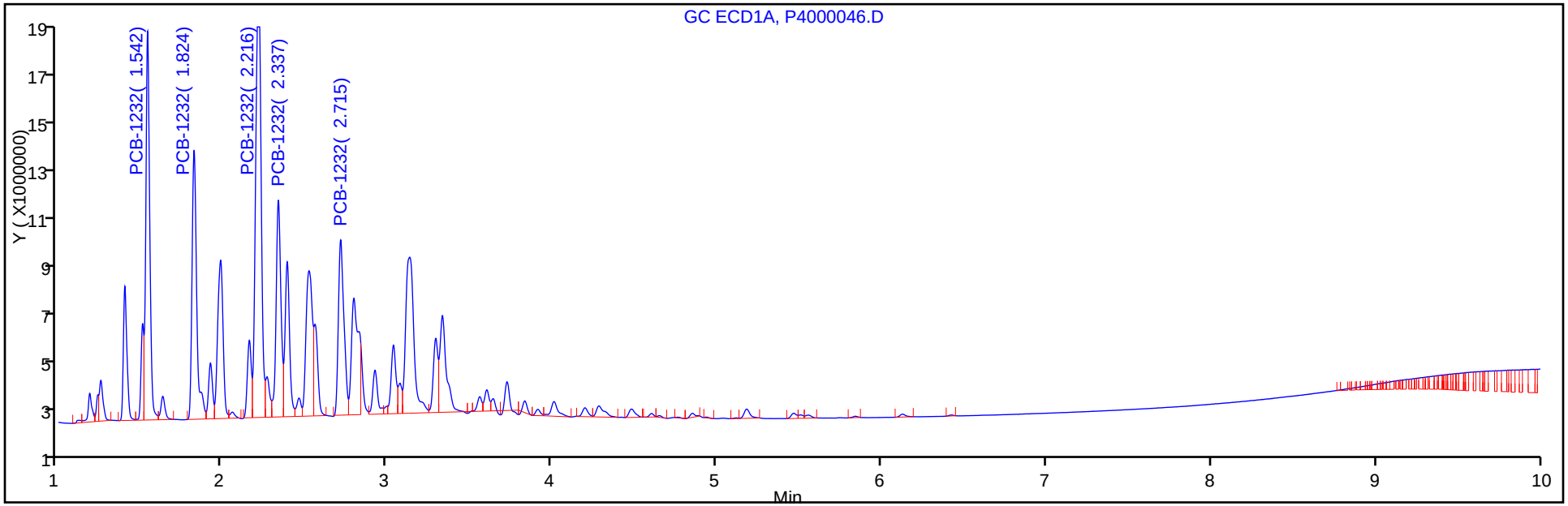
Report Date: 15-Apr-2013 13:05:41 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

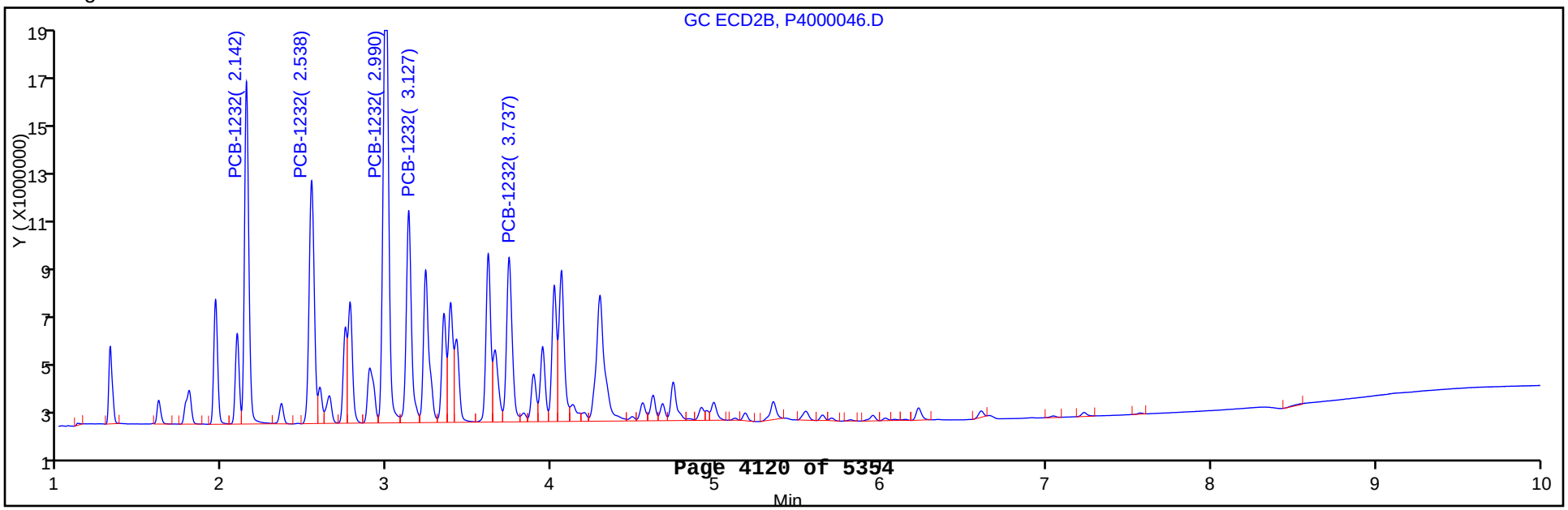
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000046.D

Injection Date:	15-Apr-2013 10:56:12	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	46
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



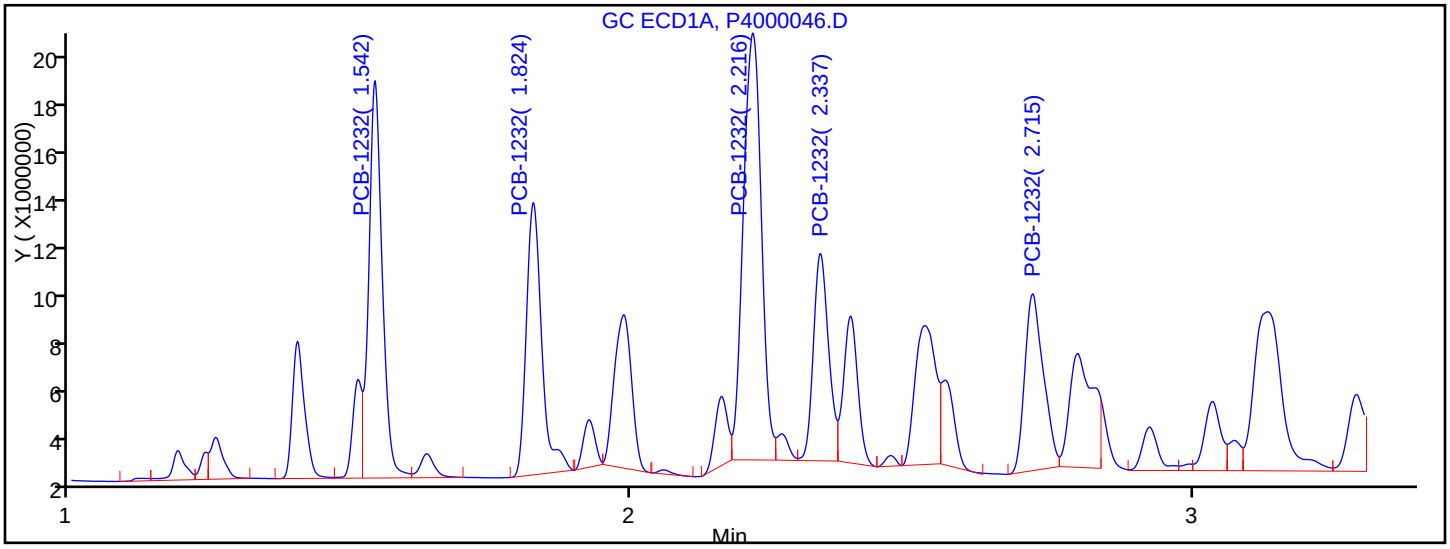
Report Date: 15-Apr-2013 13:05:41 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000046.D

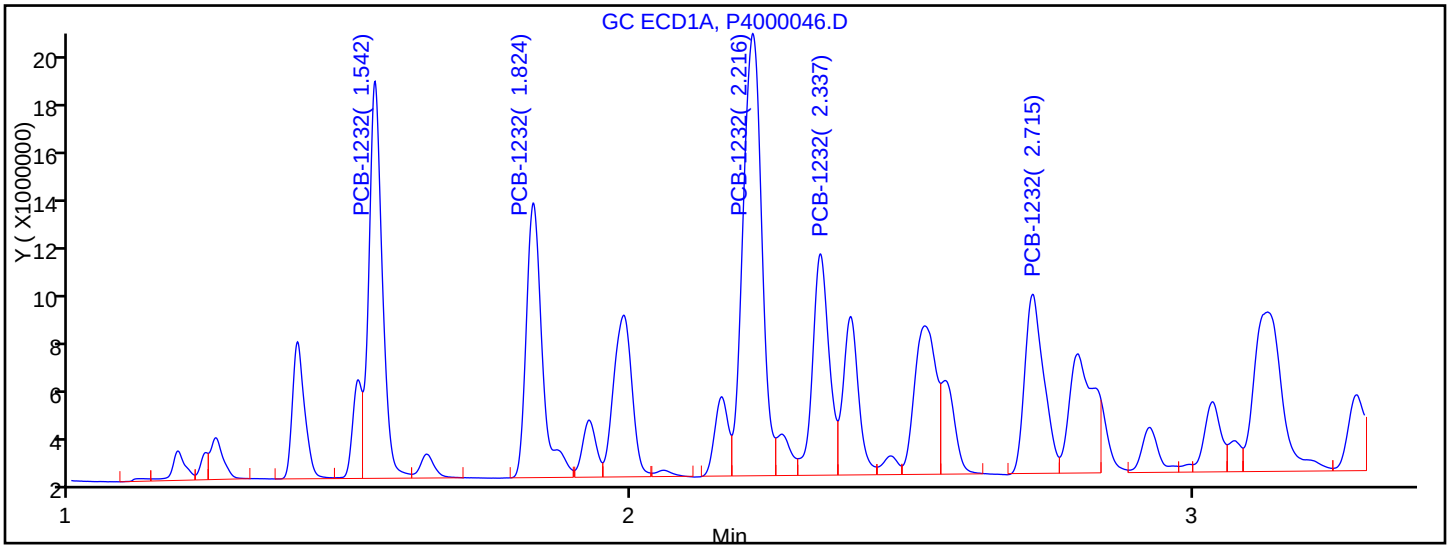
Injection Date:	15-Apr-2013 10:56:12	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	46
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

4 PCB-1232, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.542	Response = 27442395	
RT = 1.824	Response = 21651876	M
RT = 2.216	Response = 39814531	M
RT = 2.337	Response = 16291297	M
RT = 2.715	Response = 16928423	M



Manual Integration Results

RT = 1.542	Response = 27442395	
RT = 1.824	Response = 22589117	M
RT = 2.216	Response = 42831045	M
RT = 2.337	Response = 18806706	M
RT = 2.715	Response = 17521867	M

Reviewer: hassl, 15-Apr-2013 12:48:56

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-81761/46 Calibration Date: 04/15/2013 10:56

Instrument ID: A2HP4 Calib Start Date: 04/14/2013 23:42

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/15/2013 01:00

Lab File ID: P4000046.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1232 Peak 1	Ave	29198270	26636470		0.912	1.00	-8.8	20.0
PCB-1232 Peak 2	Ave	23730757	22530121		0.949	1.00	-5.1	20.0
PCB-1232 Peak 3	Ave	42551392	45287113		1.06	1.00	6.4	20.0
PCB-1232 Peak 4	Ave	19941651	19863491		0.996	1.00	-0.4	20.0
PCB-1232 Peak 5	Ave	15572828	16648545		1.07	1.00	6.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-81761/46 Calibration Date: 04/15/2013 10:56

Instrument ID: A2HP4 Calib Start Date: 04/14/2013 23:42

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/15/2013 01:00

Lab File ID: P4000046.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1232 Peak 1	2.14	2.04	2.24
PCB-1232 Peak 2	2.54	2.43	2.63
PCB-1232 Peak 3	2.99	2.88	3.08
PCB-1232 Peak 4	3.13	3.02	3.22
PCB-1232 Peak 5	3.74	3.63	3.83

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000046.D
Lims ID: ICV 1232 Client ID:
Inject. Date: 15-Apr-2013 10:56:12 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0018824-046
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 46
Lims Batch ID: 81761 Lims Sample ID: 46
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:05:36 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK026

First Level Reviewer: hassl Date: 15-Apr-2013 12:48:56

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									M
1	100	1.542	1.538	0.004	27442395	0.9154		100.0	
1	2	1.824	1.820	0.004	22589117	1.04	51.4- 101.4	82.3	M
1	3	2.216	2.210	0.006	42831045	1.06	101.9- 151.9	156.1	M
1	4	2.337	2.330	0.007	18806706	1.08	30.8- 80.8	68.5	M
1	5	2.715	2.707	0.008	17521867	1.08	29.6- 79.6	63.8	M
			Average of Peak Amounts =			1.04			
2	6	2.142	2.136	0.006	26636470	0.9123		100.0	
2	7	2.538	2.531	0.007	22530121	0.9494	47.8- 107.8	84.6	
2	8	2.990	2.980	0.010	45287113	1.06	111.9- 171.9	170.0	
2	9	3.127	3.120	0.007	19863491	1.00	36.1- 96.1	74.6	
2	10	3.737	3.727	0.010	16648545	1.07	20.4- 80.4	62.5	
			Average of Peak Amounts =			1.00			
						RPD = 3.75			

QC Flag Legend

Review Flags
M - Manually Integrated

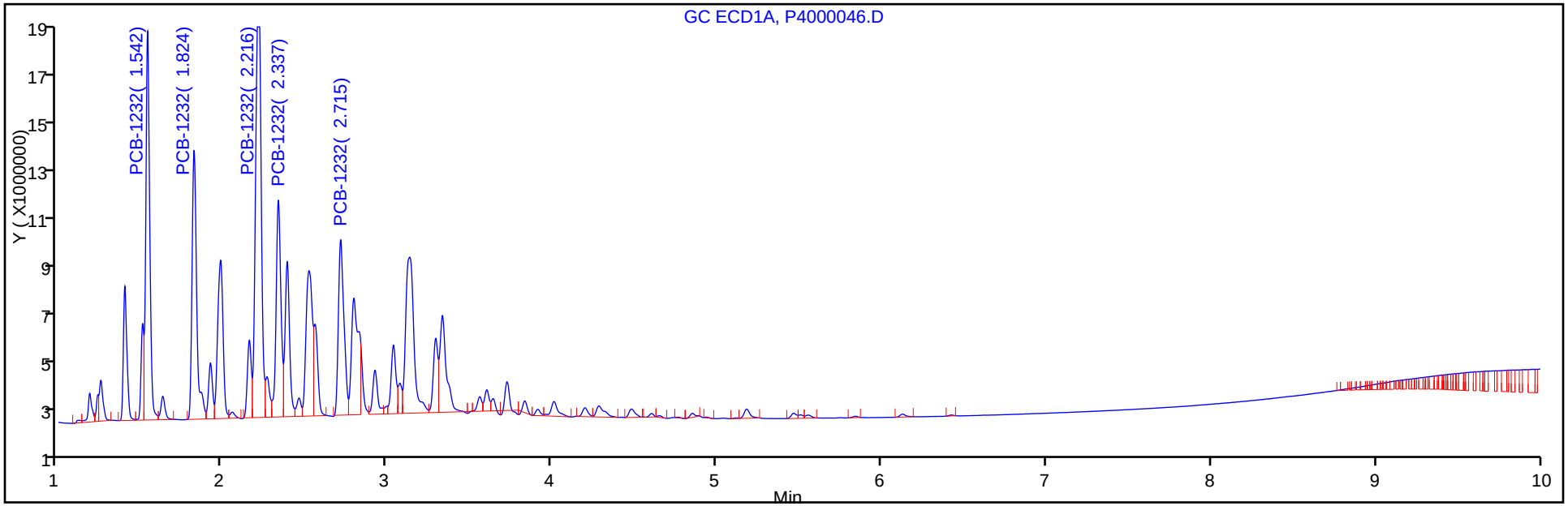
Report Date: 15-Apr-2013 13:05:42 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

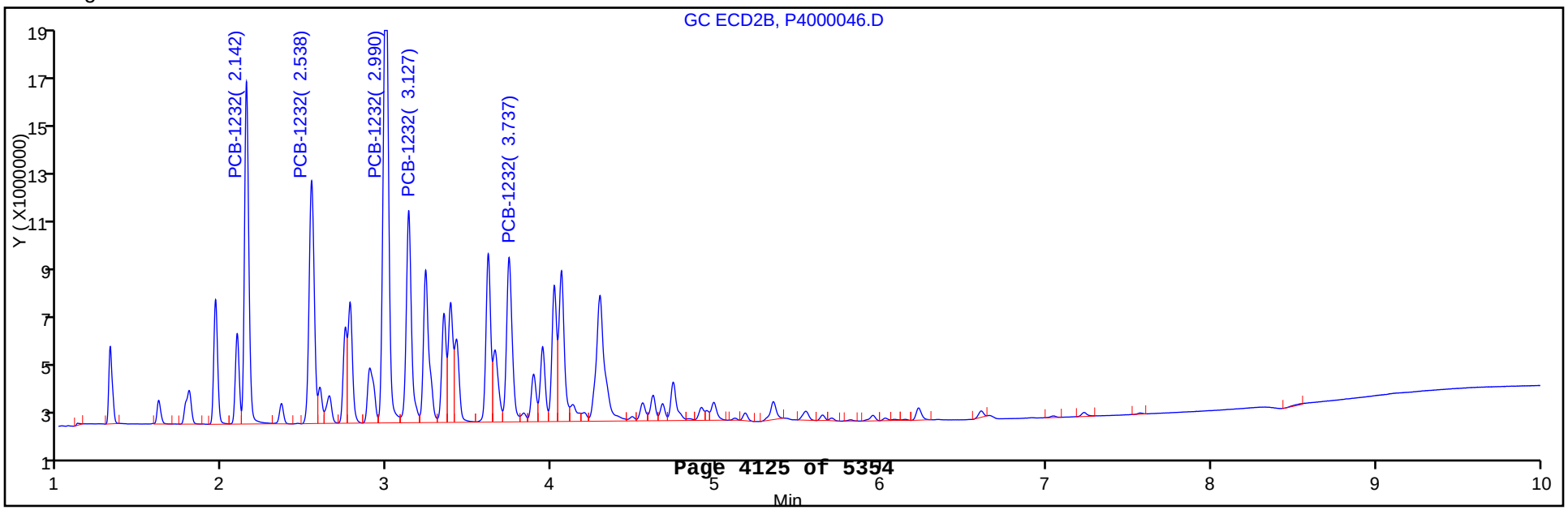
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000046.D

Injection Date:	15-Apr-2013 10:56:12	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	46
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-81761/47 Calibration Date: 04/15/2013 11:11

Instrument ID: A2HP4 Calib Start Date: 04/15/2013 01:16

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/15/2013 02:34

Lab File ID: P4000047.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	21575937	24747943		1.15	1.00	14.7	20.0
PCB-1242 Peak 2	Ave	40510464	45643145		1.13	1.00	12.7	20.0
PCB-1242 Peak 3	Ave	77805807	95275253		1.22	1.00	22.5*	20.0
PCB-1242 Peak 4	Ave	34187910	41994189		1.23	1.00	22.8*	20.0
PCB-1242 Peak 5	Ave	34332023	42904810		1.25	1.00	25.0*	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-81761/47 Calibration Date: 04/15/2013 11:11

Instrument ID: A2HP4 Calib Start Date: 04/15/2013 01:16

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/15/2013 02:34

Lab File ID: P4000047.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	1.54	1.44	1.64
PCB-1242 Peak 2	1.83	1.72	1.92
PCB-1242 Peak 3	2.22	2.11	2.31
PCB-1242 Peak 4	2.34	2.23	2.43
PCB-1242 Peak 5	2.72	2.61	2.81

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000047.D
Lims ID: ICV 1242 Client ID:
Inject. Date: 15-Apr-2013 11:11:48 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0018824-047
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 47
Lims Batch ID: 81761 Lims Sample ID: 47
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:05:36 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK026

First Level Reviewer: hassl Date: 15-Apr-2013 12:49:18

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100	1.543	1.540	0.003	24747943	1.15		100.0	
1	2	1.825	1.821	0.004	45643145	1.13	153.5- 203.5	184.4	
1	3	2.216	2.213	0.003	95275253	1.22	312.0- 362.0	385.0	M
1	4	2.336	2.333	0.003	41994189	1.23	127.3- 177.3	169.7	M
1	5	2.715	2.711	0.004	42904810	1.25	124.3- 174.3	173.4	M
			Average of Peak Amounts =			1.20			
2	6	2.143	2.140	0.003	24617687	1.14		100.0	
2	7	2.539	2.535	0.004	48411730	1.16	163.2- 223.2	196.7	
2	8	2.990	2.986	0.004	100232401	1.24	335.3- 395.3	407.2	
2	9	3.128	3.123	0.005	43540037	1.22	133.4- 193.4	176.9	
2	10	3.738	3.733	0.005	40996417	1.21	119.1- 179.1	166.5	
			Average of Peak Amounts =			1.20			
						RPD = 0.01			

QC Flag Legend

Review Flags
M - Manually Integrated

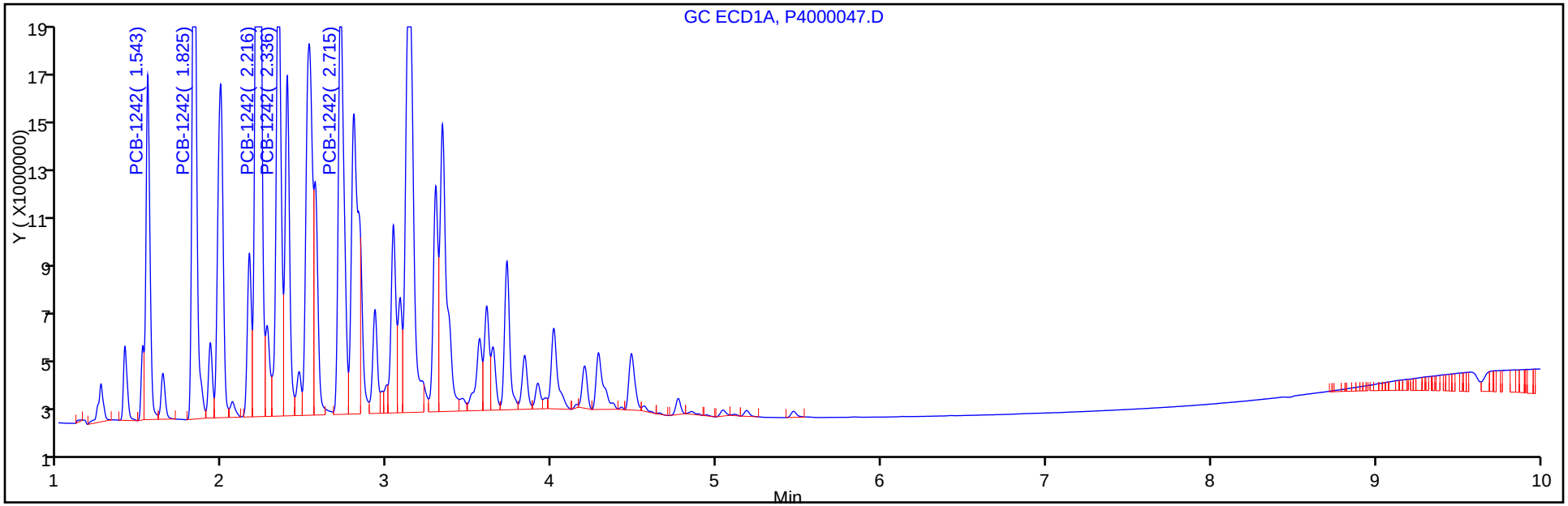
Report Date: 15-Apr-2013 13:05:44 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

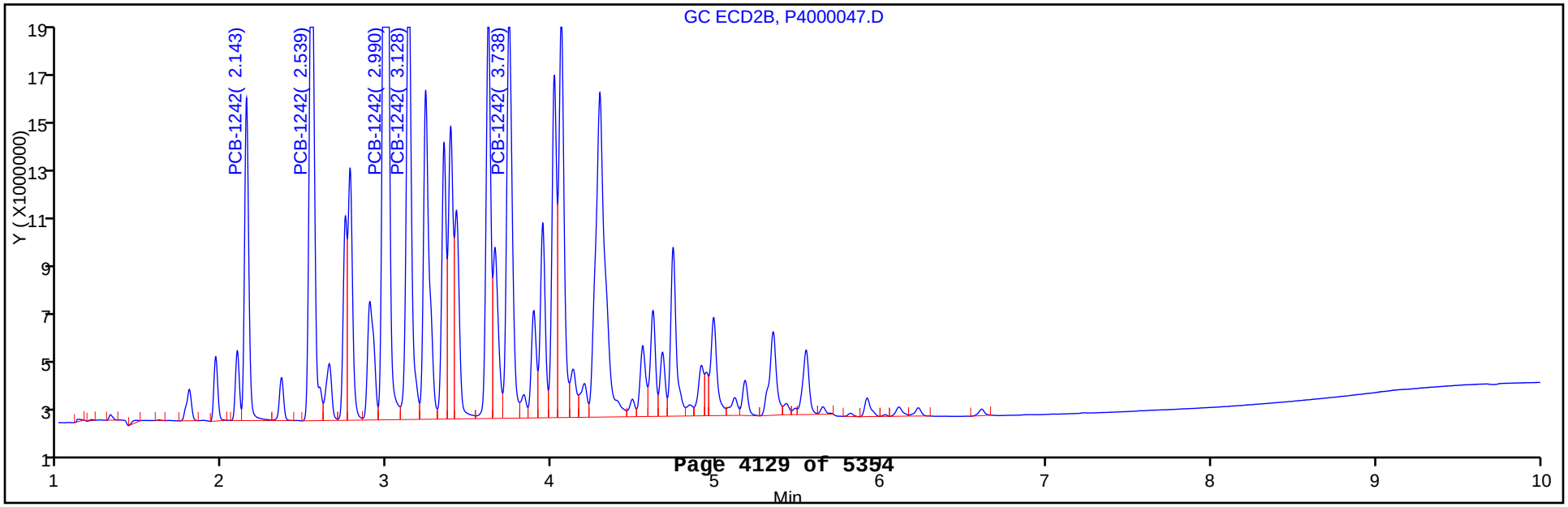
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000047.D

Injection Date:	15-Apr-2013 11:11:48	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	47
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



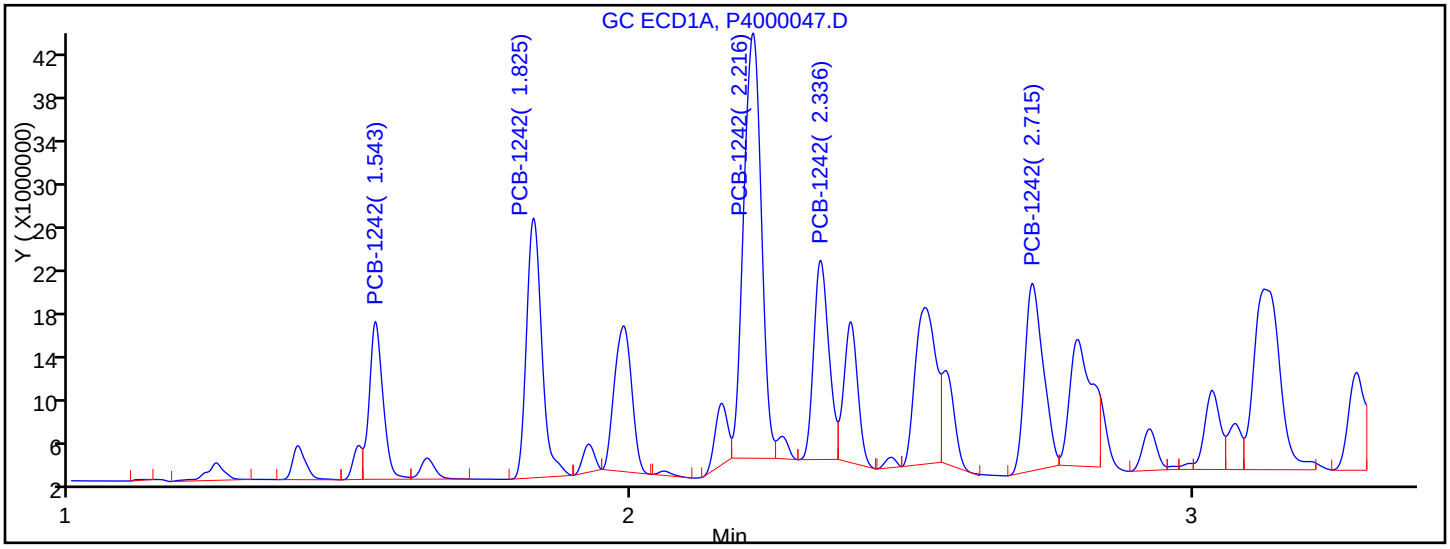
Report Date: 15-Apr-2013 13:05:44 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000047.D

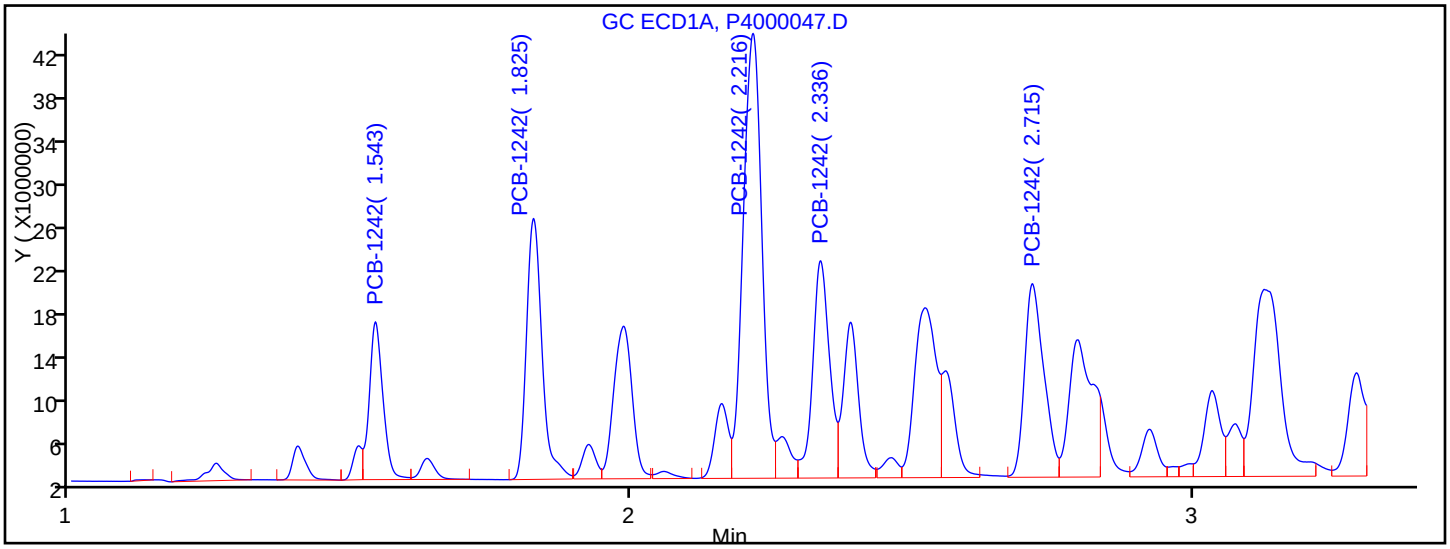
Injection Date:	15-Apr-2013 11:11:48	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	47
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

5 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.543	Response = 24747943	
RT = 1.825	Response = 45643145	
RT = 2.216	Response = 86704719	M
RT = 2.336	Response = 34767424	M
RT = 2.715	Response = 39659812	M



Manual Integration Results

RT = 1.543	Response = 24747943	
RT = 1.825	Response = 45643145	
RT = 2.216	Response = 95275253	M
RT = 2.336	Response = 41994189	M
RT = 2.715	Response = 42904810	M

Reviewer: hassl, 15-Apr-2013 12:49:18

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-81761/47 Calibration Date: 04/15/2013 11:11

Instrument ID: A2HP4 Calib Start Date: 04/15/2013 01:16

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/15/2013 02:34

Lab File ID: P4000047.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	21570893	24617687		1.14	1.00	14.1	20.0
PCB-1242 Peak 2	Ave	41763029	48411730		1.16	1.00	15.9	20.0
PCB-1242 Peak 3	Ave	80578499	100232401		1.24	1.00	24.4*	20.0
PCB-1242 Peak 4	Ave	35716671	43540037		1.22	1.00	21.9*	20.0
PCB-1242 Peak 5	Ave	33777075	40996417		1.21	1.00	21.4*	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-81761/47 Calibration Date: 04/15/2013 11:11

Instrument ID: A2HP4 Calib Start Date: 04/15/2013 01:16

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/15/2013 02:34

Lab File ID: P4000047.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	2.14	2.04	2.24
PCB-1242 Peak 2	2.54	2.44	2.64
PCB-1242 Peak 3	2.99	2.89	3.09
PCB-1242 Peak 4	3.13	3.02	3.22
PCB-1242 Peak 5	3.74	3.63	3.83

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000047.D
Lims ID: ICV 1242 Client ID:
Inject. Date: 15-Apr-2013 11:11:48 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0018824-047
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 47
Lims Batch ID: 81761 Lims Sample ID: 47
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:05:36 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK026

First Level Reviewer: hassl Date: 15-Apr-2013 12:49:18

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100	1.543	1.540	0.003	24747943	1.15		100.0	
1	2	1.825	1.821	0.004	45643145	1.13	153.5- 203.5	184.4	
1	3	2.216	2.213	0.003	95275253	1.22	312.0- 362.0	385.0	M
1	4	2.336	2.333	0.003	41994189	1.23	127.3- 177.3	169.7	M
1	5	2.715	2.711	0.004	42904810	1.25	124.3- 174.3	173.4	M
			Average of Peak Amounts =			1.20			
2	6	2.143	2.140	0.003	24617687	1.14		100.0	
2	7	2.539	2.535	0.004	48411730	1.16	163.2- 223.2	196.7	
2	8	2.990	2.986	0.004	100232401	1.24	335.3- 395.3	407.2	
2	9	3.128	3.123	0.005	43540037	1.22	133.4- 193.4	176.9	
2	10	3.738	3.733	0.005	40996417	1.21	119.1- 179.1	166.5	
			Average of Peak Amounts =			1.20			
						RPD = 0.01			

QC Flag Legend

Review Flags
M - Manually Integrated

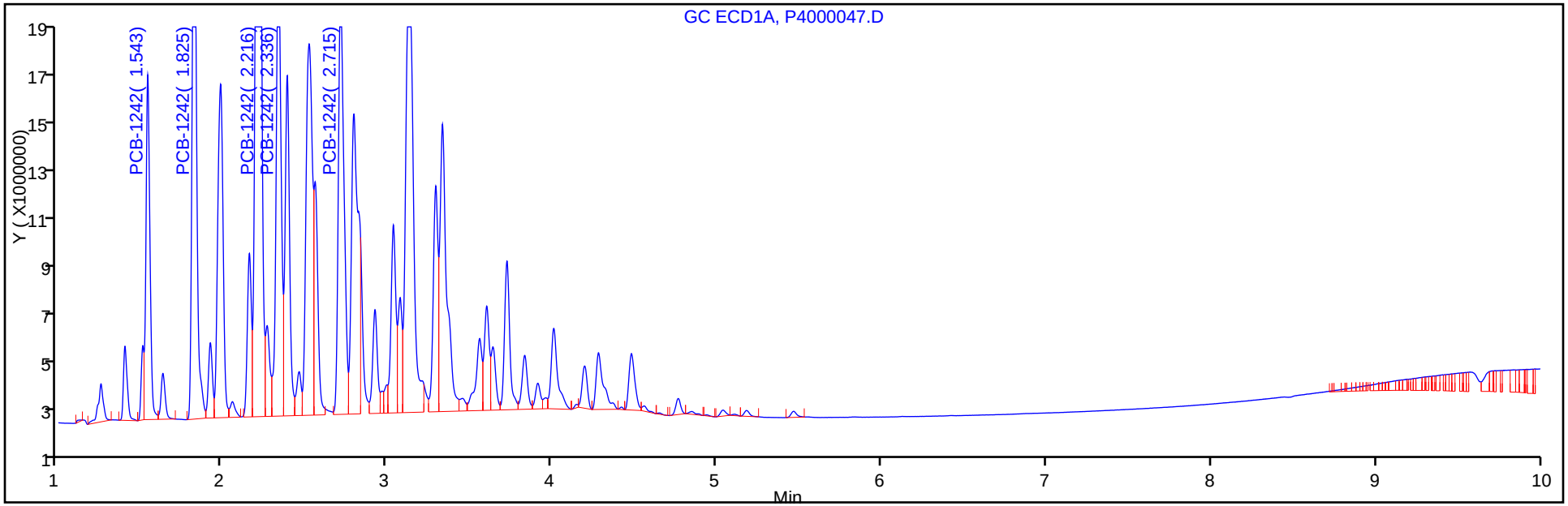
Report Date: 15-Apr-2013 13:05:44 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

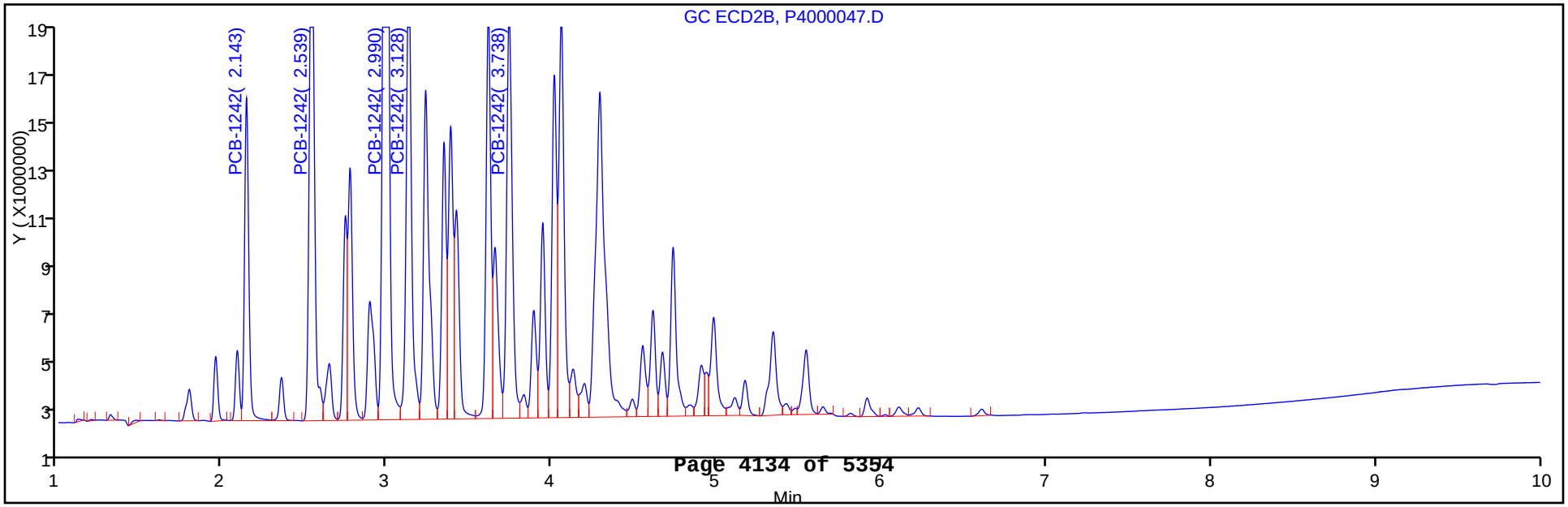
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000047.D

Injection Date:	15-Apr-2013 11:11:48	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	47
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-81761/48 Calibration Date: 04/15/2013 11:27

Instrument ID: A2HP4 Calib Start Date: 04/15/2013 02:50

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/15/2013 04:08

Lab File ID: P4000048.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	20160584	20562402		1.02	1.00	2.0	20.0
PCB-1248 Peak 2	Ave	48158449	50193124		1.04	1.00	4.2	20.0
PCB-1248 Peak 3	Ave	56628859	53219416		0.940	1.00	-6.0	20.0
PCB-1248 Peak 4	Ave	28315351	26978753		0.953	1.00	-4.7	20.0
PCB-1248 Peak 5	Ave	27487133	26790431		0.975	1.00	-2.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-81761/48 Calibration Date: 04/15/2013 11:27

Instrument ID: A2HP4 Calib Start Date: 04/15/2013 02:50

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/15/2013 04:08

Lab File ID: P4000048.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1248 Peak 1	1.82	1.72	1.92
PCB-1248 Peak 2	2.21	2.11	2.31
PCB-1248 Peak 3	2.71	2.61	2.81
PCB-1248 Peak 4	3.29	3.19	3.39
PCB-1248 Peak 5	3.72	3.62	3.82

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000048.D
Lims ID: ICV 1248 Client ID:
Inject. Date: 15-Apr-2013 11:27:29 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0018824-048
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 48
Lims Batch ID: 81761 Lims Sample ID: 48
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:05:36 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK026

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.824	1.821	0.003	20562402	1.02		100.0	
1	2	2.214	2.210	0.004	50193124	1.04	186.1- 236.1	244.1	
1	3	2.714	2.711	0.003	53219416	0.9398	247.4- 297.4	258.8	
1	4	3.293	3.290	0.003	26978753	0.9528	106.3- 156.3	131.2	
1	5	3.724	3.721	0.003	26790431	0.9747	103.3- 153.3	130.3	
			Average of Peak Amounts =			0.9859			
2	6	2.537	2.532	0.005	21125438	1.03		100.0	
2	7	2.988	2.982	0.006	53189042	1.02	215.2- 275.2	251.8	
2	8	3.738	3.733	0.005	49083401	0.9156	225.9- 285.9	232.3	
2	9	4.013	4.008	0.005	41837362	0.9372	178.4- 238.4	198.0	
2	10	4.734	4.730	0.004	29203952	0.99	97.2- 157.2	138.2	
			Average of Peak Amounts =			0.9779			
						RPD = 0.81			

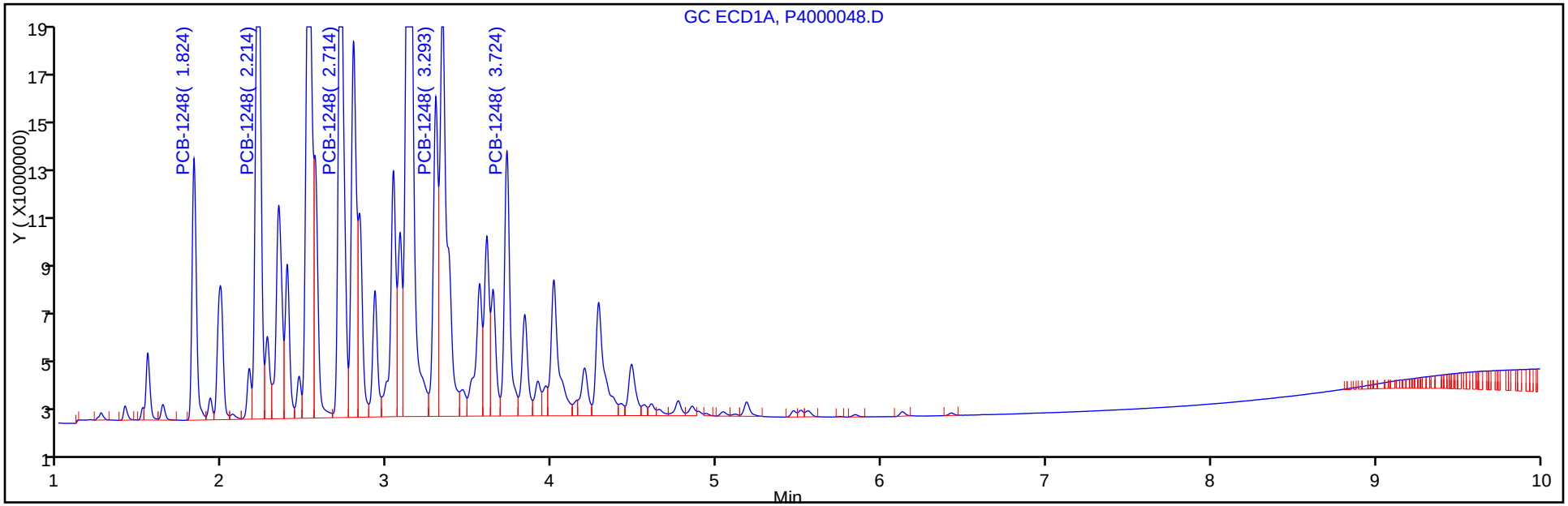
Report Date: 15-Apr-2013 13:05:47 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

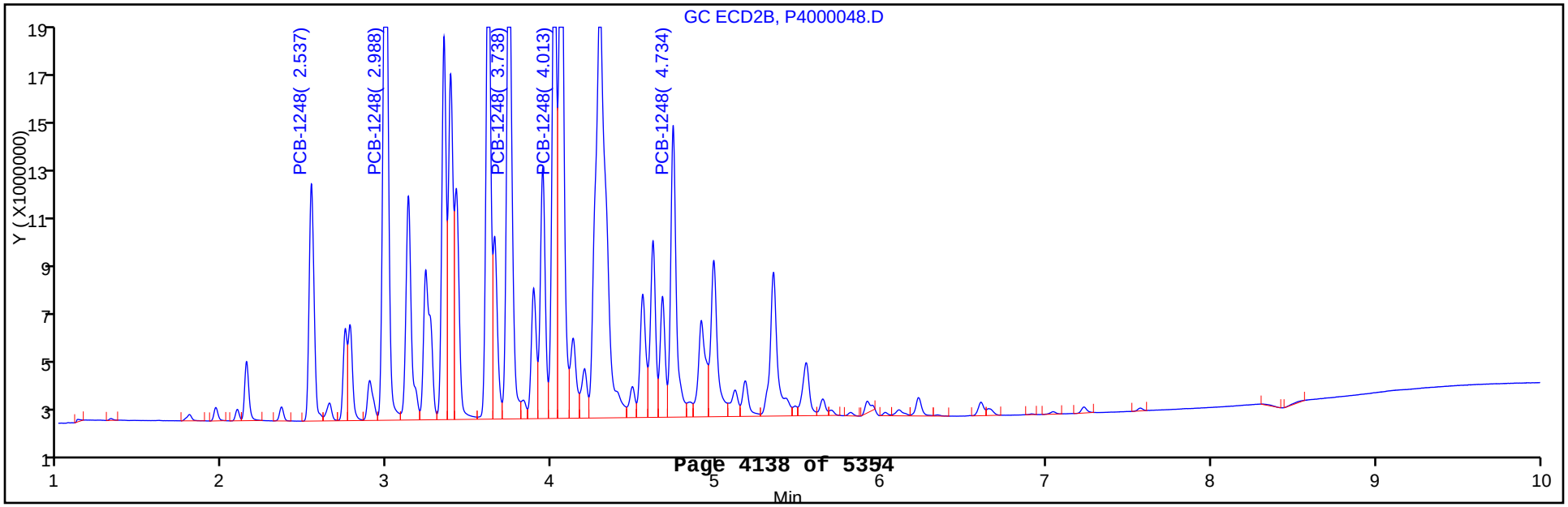
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000048.D

Injection Date:	15-Apr-2013 11:27:29	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	48
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-81761/48 Calibration Date: 04/15/2013 11:27

Instrument ID: A2HP4 Calib Start Date: 04/15/2013 02:50

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/15/2013 04:08

Lab File ID: P4000048.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	20551515	21125438		1.03	1.00	2.8	20.0
PCB-1248 Peak 2	Ave	52253640	53189042		1.02	1.00	1.8	20.0
PCB-1248 Peak 3	Ave	53606815	49083401		0.916	1.00	-8.4	20.0
PCB-1248 Peak 4	Ave	44641891	41837362		0.937	1.00	-6.3	20.0
PCB-1248 Peak 5	Ave	29470251	29203952		0.991	1.00	-0.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-81761/48 Calibration Date: 04/15/2013 11:27

Instrument ID: A2HP4 Calib Start Date: 04/15/2013 02:50

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/15/2013 04:08

Lab File ID: P4000048.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1248 Peak 1	2.54	2.43	2.63
PCB-1248 Peak 2	2.99	2.88	3.08
PCB-1248 Peak 3	3.74	3.63	3.83
PCB-1248 Peak 4	4.01	3.91	4.11
PCB-1248 Peak 5	4.73	4.63	4.83

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000048.D
Lims ID: ICV 1248 Client ID:
Inject. Date: 15-Apr-2013 11:27:29 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0018824-048
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 48
Lims Batch ID: 81761 Lims Sample ID: 48
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:05:36 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK026

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.824	1.821	0.003	20562402	1.02		100.0	
1	2	2.214	2.210	0.004	50193124	1.04	186.1- 236.1	244.1	
1	3	2.714	2.711	0.003	53219416	0.9398	247.4- 297.4	258.8	
1	4	3.293	3.290	0.003	26978753	0.9528	106.3- 156.3	131.2	
1	5	3.724	3.721	0.003	26790431	0.9747	103.3- 153.3	130.3	
			Average of Peak Amounts =			0.9859			
2	6	2.537	2.532	0.005	21125438	1.03		100.0	
2	7	2.988	2.982	0.006	53189042	1.02	215.2- 275.2	251.8	
2	8	3.738	3.733	0.005	49083401	0.9156	225.9- 285.9	232.3	
2	9	4.013	4.008	0.005	41837362	0.9372	178.4- 238.4	198.0	
2	10	4.734	4.730	0.004	29203952	0.99	97.2- 157.2	138.2	
			Average of Peak Amounts =			0.9779			
						RPD = 0.81			

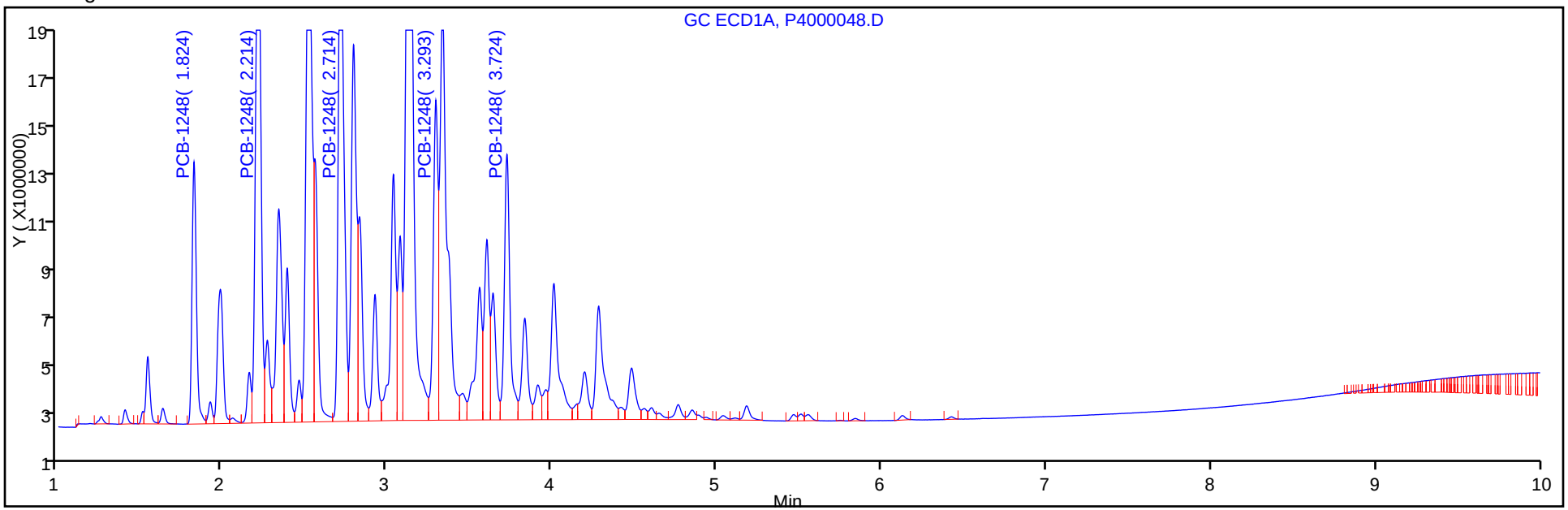
Report Date: 15-Apr-2013 13:05:47 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

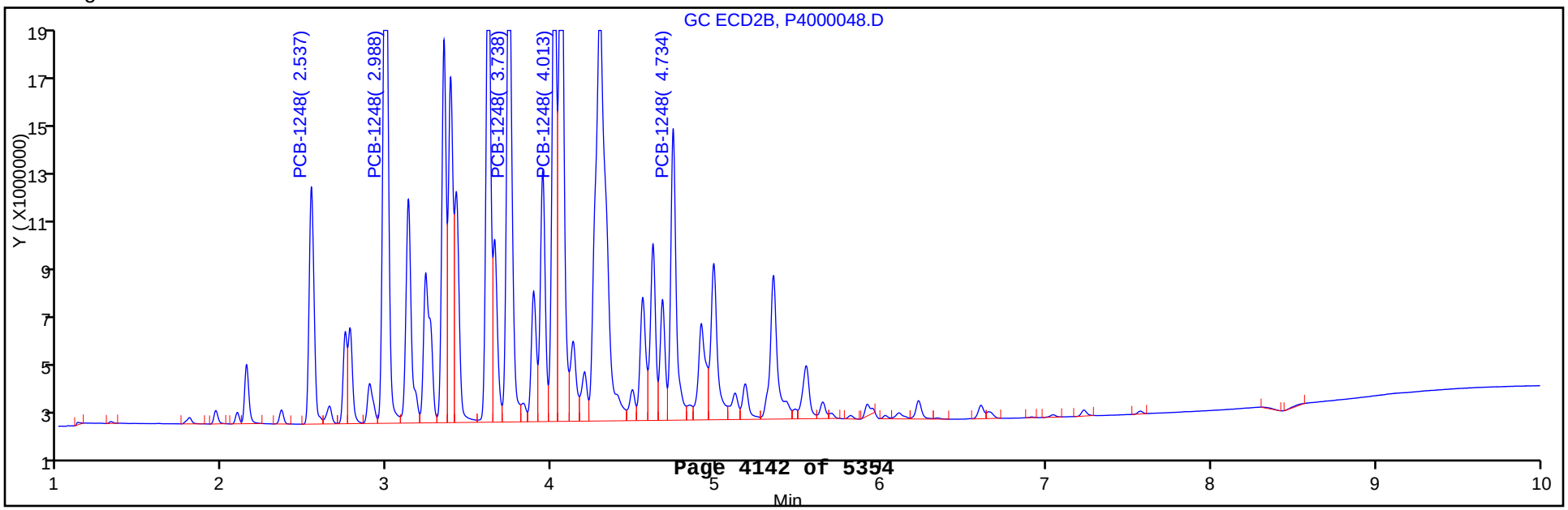
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000048.D

Injection Date:	15-Apr-2013 11:27:29	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	48
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-81761/49 Calibration Date: 04/15/2013 11:43

Instrument ID: A2HP4 Calib Start Date: 04/15/2013 04:24

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/15/2013 05:42

Lab File ID: P4000049.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1254 Peak 1	Ave	78208442	78097433		0.999	1.00	-0.1	20.0
PCB-1254 Peak 2	Ave	84770184	83541523		0.986	1.00	-1.4	20.0
PCB-1254 Peak 3	Ave	55079569	58896469		1.07	1.00	6.9	20.0
PCB-1254 Peak 4	Ave	54281358	56491523		1.04	1.00	4.1	20.0
PCB-1254 Peak 5	Ave	78382214	82995143		1.06	1.00	5.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-81761/49 Calibration Date: 04/15/2013 11:43

Instrument ID: A2HP4 Calib Start Date: 04/15/2013 04:24

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/15/2013 05:42

Lab File ID: P4000049.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1254 Peak 1	3.34	3.24	3.44
PCB-1254 Peak 2	3.73	3.62	3.82
PCB-1254 Peak 3	4.01	3.91	4.11
PCB-1254 Peak 4	4.20	4.10	4.30
PCB-1254 Peak 5	4.48	4.38	4.58

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000049.D
Lims ID: ICV 1254 Client ID:
Inject. Date: 15-Apr-2013 11:43:08 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0018824-049
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 49
Lims Batch ID: 81761 Lims Sample ID: 49
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:05:36 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK026

First Level Reviewer: hassl Date: 15-Apr-2013 12:50:33

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 PCB-1254									M
1	100	3.338	3.335	0.003	78097433	1.00		100.0	M
1	2	3.725	3.722	0.003	83541523	0.9855	82.1- 132.1	107.0	M
1	3	4.008	4.007	0.001	58896469	1.07	43.1- 93.1	75.4	M
1	4	4.196	4.195	0.001	56491523	1.04	43.7- 93.7	72.3	M
1	5	4.479	4.479	0.000	82995143	1.06	73.6- 123.6	106.3	M
			Average of Peak Amounts =			1.03			
2	6	4.256	4.255	0.001	54550020	0.9528		100.0	
2	7	4.734	4.732	0.002	86983237	0.9580	125.6- 185.6	159.5	
2	8	4.980	4.979	0.001	52880960	0.9599	62.4- 122.4	96.9	
2	9	5.339	5.338	0.001	64439018	1.06	43.9- 103.9	118.1	
2	10	5.540	5.540	0.000	87310642	1.02	115.2- 175.2	160.1	
			Average of Peak Amounts =			0.99			
						RPD = 3.91			

QC Flag Legend

Review Flags
M - Manually Integrated

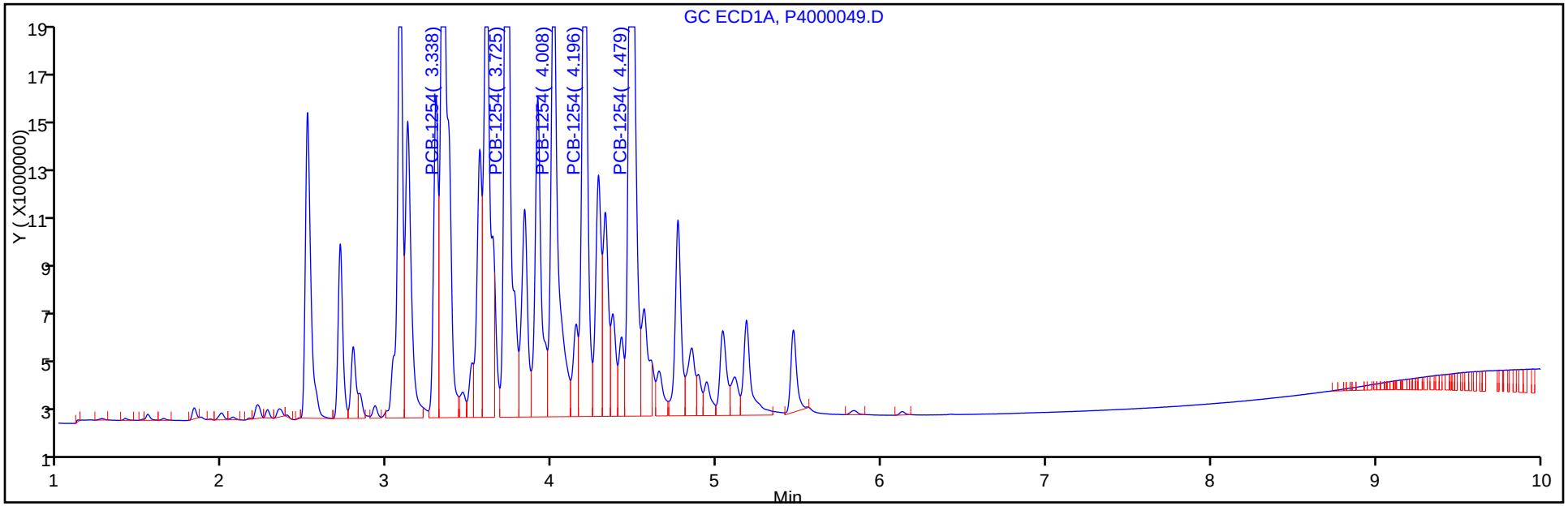
Report Date: 15-Apr-2013 13:05:49 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

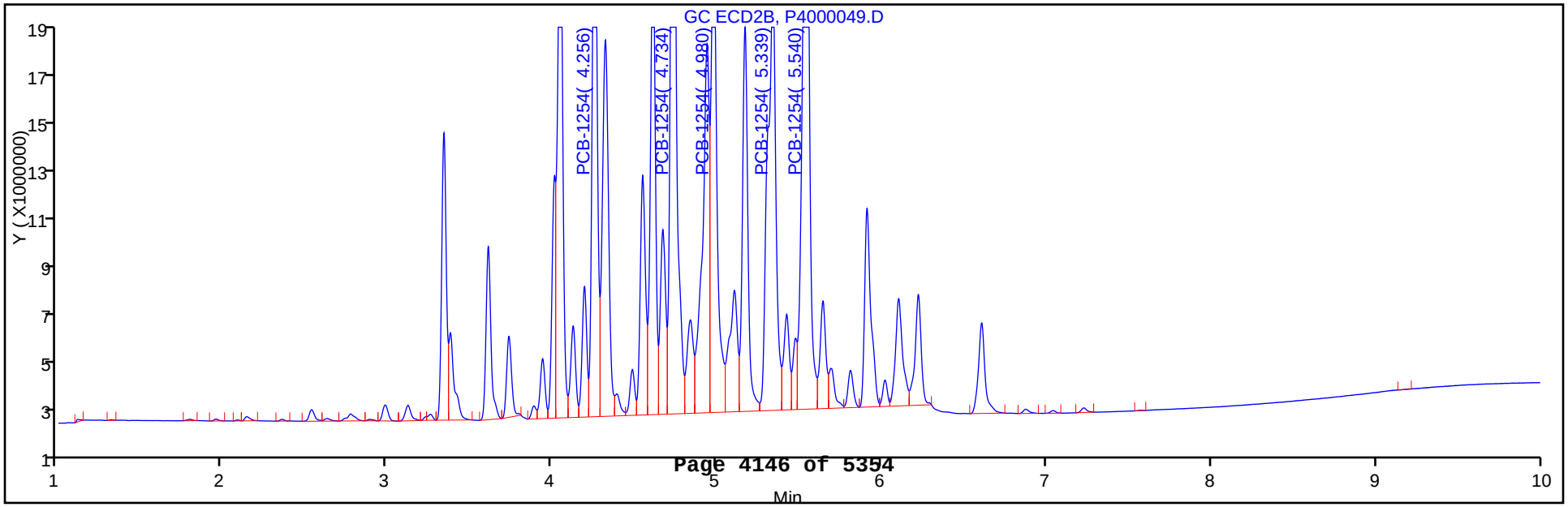
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000049.D

Injection Date:	15-Apr-2013 11:43:08	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	49
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



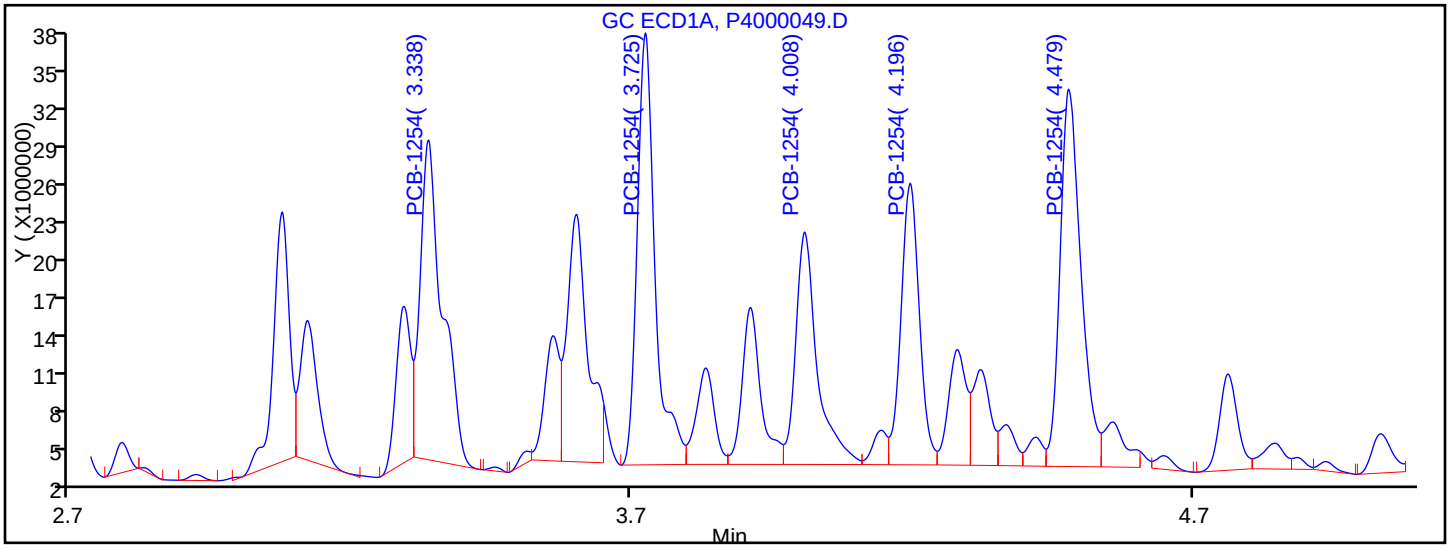
Report Date: 15-Apr-2013 13:05:49 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000049.D

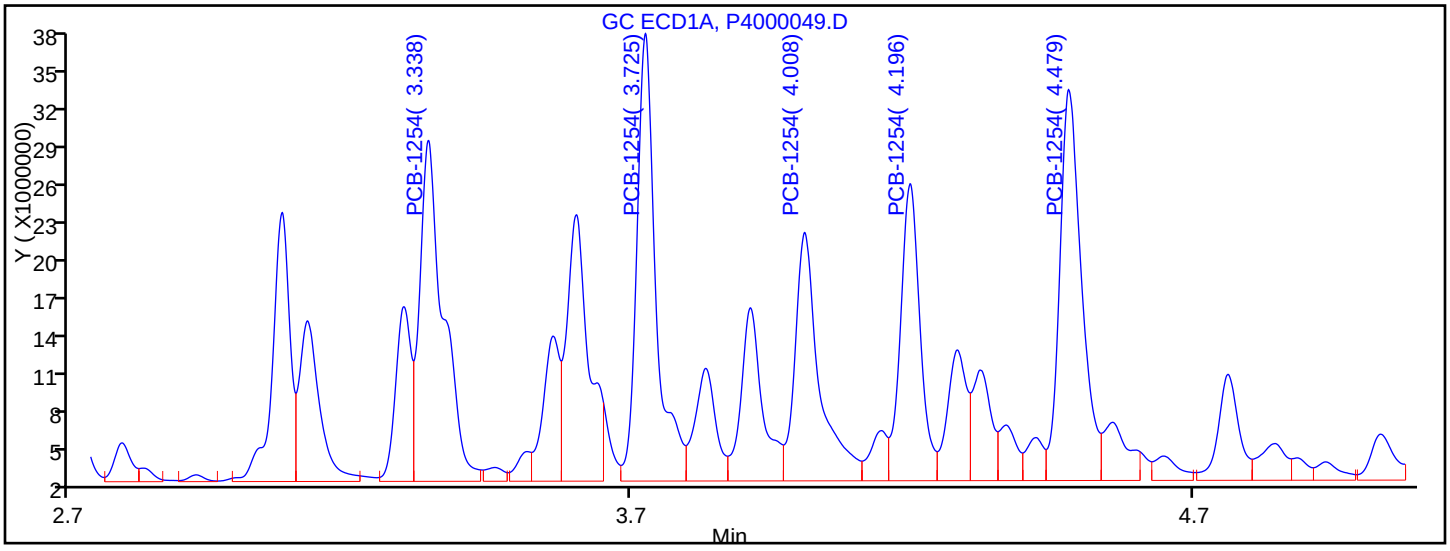
Injection Date:	15-Apr-2013 11:43:08	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	49
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

8 PCB-1254, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.338	Response = 68252451	M
RT = 3.725	Response = 74827370	M
RT = 4.008	Response = 48412165	M
RT = 4.196	Response = 50184544	M
RT = 4.479	Response = 76742515	M



Manual Integration Results

RT = 3.338	Response = 78097433	M
RT = 3.725	Response = 83541523	M
RT = 4.008	Response = 58896469	M
RT = 4.196	Response = 56491523	M
RT = 4.479	Response = 82995143	M

Reviewer: hassl, 15-Apr-2013 12:50:33

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-81761/49 Calibration Date: 04/15/2013 11:43

Instrument ID: A2HP4 Calib Start Date: 04/15/2013 04:24

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/15/2013 05:42

Lab File ID: P4000049.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1254 Peak 1	Ave	57249587	54550020		0.953	1.00	-4.7	20.0
PCB-1254 Peak 2	Ave	90792716	86983237		0.958	1.00	-4.2	20.0
PCB-1254 Peak 3	Ave	55089587	52880960		0.960	1.00	-4.0	20.0
PCB-1254 Peak 4	Qua		64439018		1.06	1.00	6.4	20.0
PCB-1254 Peak 5	Ave	85557979	87310642		1.02	1.00	2.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-81761/49 Calibration Date: 04/15/2013 11:43

Instrument ID: A2HP4 Calib Start Date: 04/15/2013 04:24

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/15/2013 05:42

Lab File ID: P4000049.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1254 Peak 1	4.26	4.16	4.36
PCB-1254 Peak 2	4.73	4.63	4.83
PCB-1254 Peak 3	4.98	4.88	5.08
PCB-1254 Peak 4	5.34	5.24	5.44
PCB-1254 Peak 5	5.54	5.44	5.64

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000049.D
Lims ID: ICV 1254 Client ID:
Inject. Date: 15-Apr-2013 11:43:08 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0018824-049
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 49
Lims Batch ID: 81761 Lims Sample ID: 49
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:05:36 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK026

First Level Reviewer: hassl Date: 15-Apr-2013 12:50:33

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 PCB-1254									M
1	100	3.338	3.335	0.003	78097433	1.00		100.0	M
1	2	3.725	3.722	0.003	83541523	0.9855	82.1- 132.1	107.0	M
1	3	4.008	4.007	0.001	58896469	1.07	43.1- 93.1	75.4	M
1	4	4.196	4.195	0.001	56491523	1.04	43.7- 93.7	72.3	M
1	5	4.479	4.479	0.000	82995143	1.06	73.6- 123.6	106.3	M
			Average of Peak Amounts =			1.03			
2	6	4.256	4.255	0.001	54550020	0.9528		100.0	
2	7	4.734	4.732	0.002	86983237	0.9580	125.6- 185.6	159.5	
2	8	4.980	4.979	0.001	52880960	0.9599	62.4- 122.4	96.9	
2	9	5.339	5.338	0.001	64439018	1.06	43.9- 103.9	118.1	
2	10	5.540	5.540	0.000	87310642	1.02	115.2- 175.2	160.1	
			Average of Peak Amounts =			0.99			
						RPD = 3.91			

QC Flag Legend

Review Flags
M - Manually Integrated

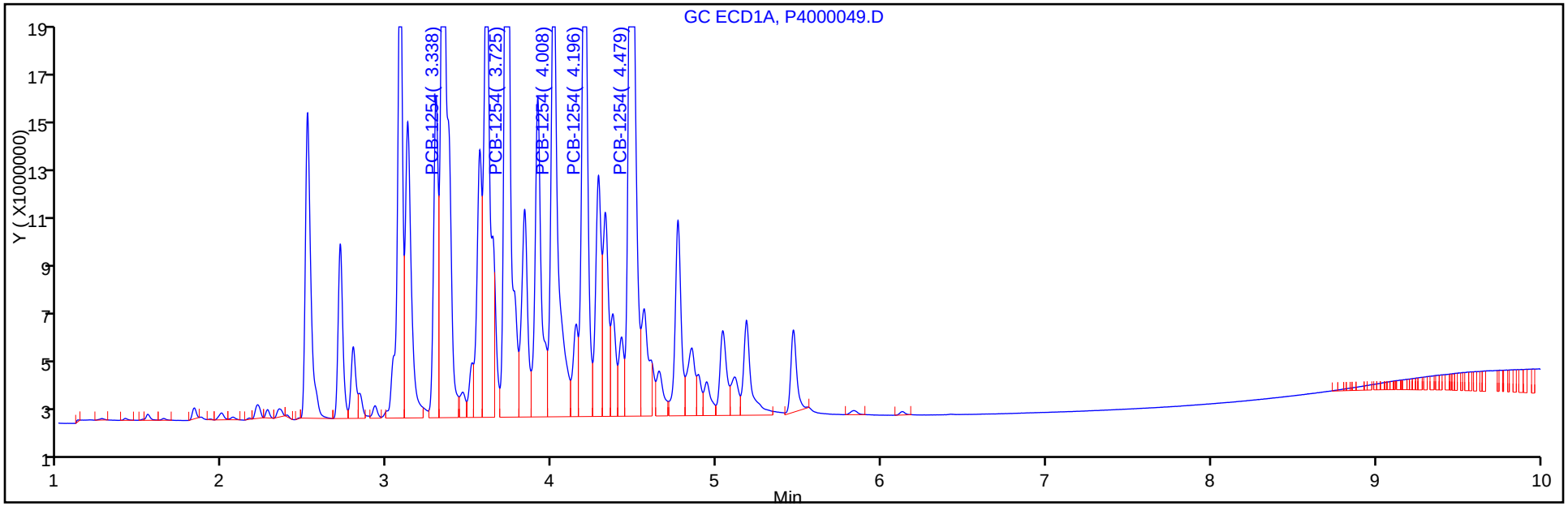
Report Date: 15-Apr-2013 13:05:49 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

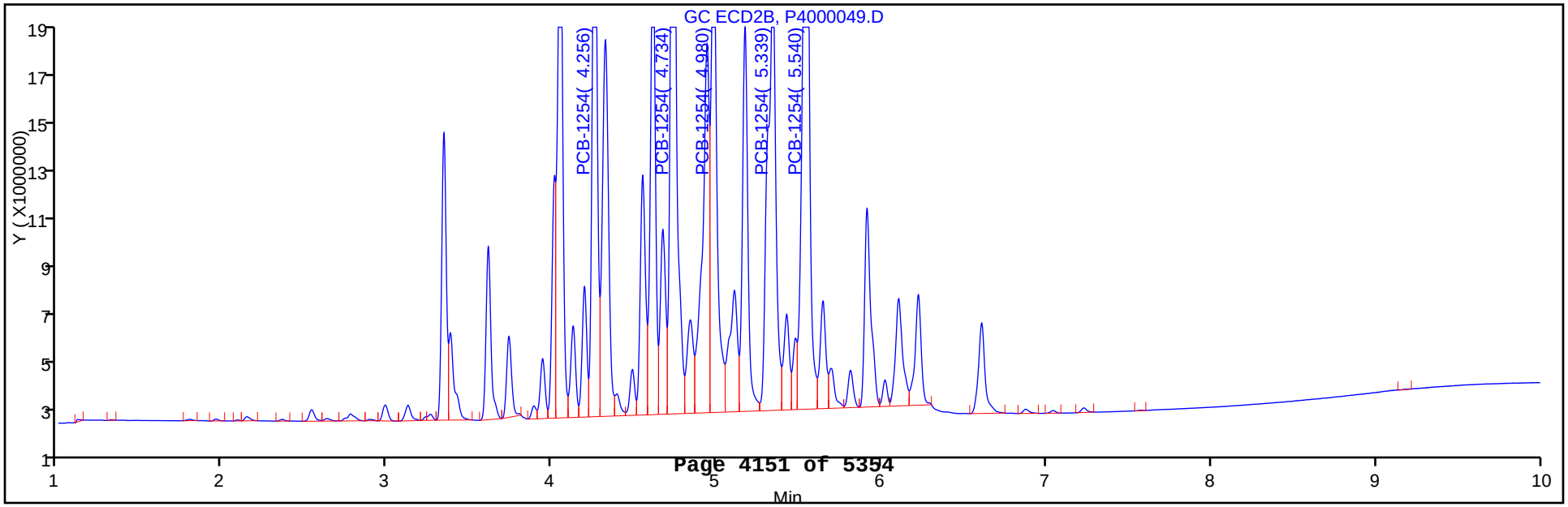
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000049.D

Injection Date:	15-Apr-2013 11:43:08	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	49
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-81761/50 Calibration Date: 04/15/2013 11:58

Instrument ID: A2HP4 Calib Start Date: 04/15/2013 05:58

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/15/2013 07:16

Lab File ID: P4000050.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	27137284	26394423		0.973	1.00	-2.7	20.0
PCB-1016 Peak 2	Ave	48967138	52458419		1.07	1.00	7.1	20.0
PCB-1016 Peak 3	Ave	93440084	108960522		1.17	1.00	16.6	20.0
PCB-1016 Peak 4	Ave	41962283	47527384		1.13	1.00	13.3	20.0
PCB-1016 Peak 5	Ave	42399034	46463290		1.10	1.00	9.6	20.0
PCB-1260 Peak 1	Ave	62400345	65734311		1.05	1.00	5.3	20.0
PCB-1260 Peak 2	Ave	110128120	116951409		1.06	1.00	6.2	20.0
PCB-1260 Peak 3	Ave	107668512	108823251		1.01	1.00	1.1	20.0
PCB-1260 Peak 4	Ave	129376197	170284982		1.32	1.00	31.6*	20.0
PCB-1260 Peak 5	Ave	58244642	74264351		1.28	1.00	27.5*	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-81761/50 Calibration Date: 04/15/2013 11:58

Instrument ID: A2HP4 Calib Start Date: 04/15/2013 05:58

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/15/2013 07:16

Lab File ID: P4000050.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	1.54	1.44	1.64
PCB-1016 Peak 2	1.82	1.72	1.92
PCB-1016 Peak 3	2.22	2.12	2.32
PCB-1016 Peak 4	2.34	2.24	2.44
PCB-1016 Peak 5	2.71	2.61	2.81
PCB-1260 Peak 1	3.91	3.81	4.01
PCB-1260 Peak 2	4.20	4.10	4.30
PCB-1260 Peak 3	4.48	4.38	4.58
PCB-1260 Peak 4	5.18	5.08	5.28
PCB-1260 Peak 5	5.46	5.36	5.56

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000050.D
Lims ID: ICV 1660 Client ID:
Inject. Date: 15-Apr-2013 11:58:43 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0018824-050
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 50
Lims Batch ID: 81761 Lims Sample ID: 50
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:05:36 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK026

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100	1.543	1.542	0.001	26394423	0.9726		100.0	
1	2	1.824	1.824	0.000	52458419	1.07	156.0- 206.0	198.7	
1	3	2.216	2.216	0.000	108960522	1.17	312.4- 362.4	412.8	
1	4	2.336	2.336	0.000	47527384	1.13	118.7- 188.7	180.1	
1	5	2.714	2.714	0.000	46463290	1.10	125.6- 175.6	176.0	
			Average of Peak Amounts =			1.09			
2	6	2.142	2.142	0.000	26453135	1.03		100.0	
2	7	2.538	2.538	0.000	54398101	1.07	169.6- 229.6	205.6	
2	8	2.989	2.989	0.000	114525960	1.15	351.4- 411.4	432.9	
2	9	3.128	3.127	0.001	49095632	1.12	141.3- 201.3	185.6	
2	10	3.231	3.230	0.001	39265162	1.15	102.5- 162.5	148.4	
			Average of Peak Amounts =			1.10			
						RPD = 1.43			
10 PCB-1260									
1	100	3.911	3.911	0.000	65734311	1.05		100.0	
1	2	4.199	4.199	0.000	116951409	1.06	152.2- 202.2	177.9	
1	3	4.479	4.479	0.000	108823251	1.01	146.4- 196.4	165.6	
1	4	5.179	5.178	0.001	170284982	1.32	180.7- 230.7	259.1	
1	5	5.463	5.464	-0.001	74264351	1.28	64.1- 114.1	113.0	
			Average of Peak Amounts =			1.14			
2	6	4.939	4.940	-0.001	70748168	1.03		100.0	
2	7	5.169	5.170	-0.001	86364601	1.08	87.6- 147.6	122.1	
2	8	5.536	5.539	-0.003	118809913	1.01	144.7- 204.7	167.9	
2	9	6.222	6.224	-0.002	190043048	1.30	187.7- 247.7	268.6	
2	10	6.604	6.604	0.000	121763502	1.26	115.0- 175.0	172.1	
			Average of Peak Amounts =			1.14			
						RPD = 0.68			

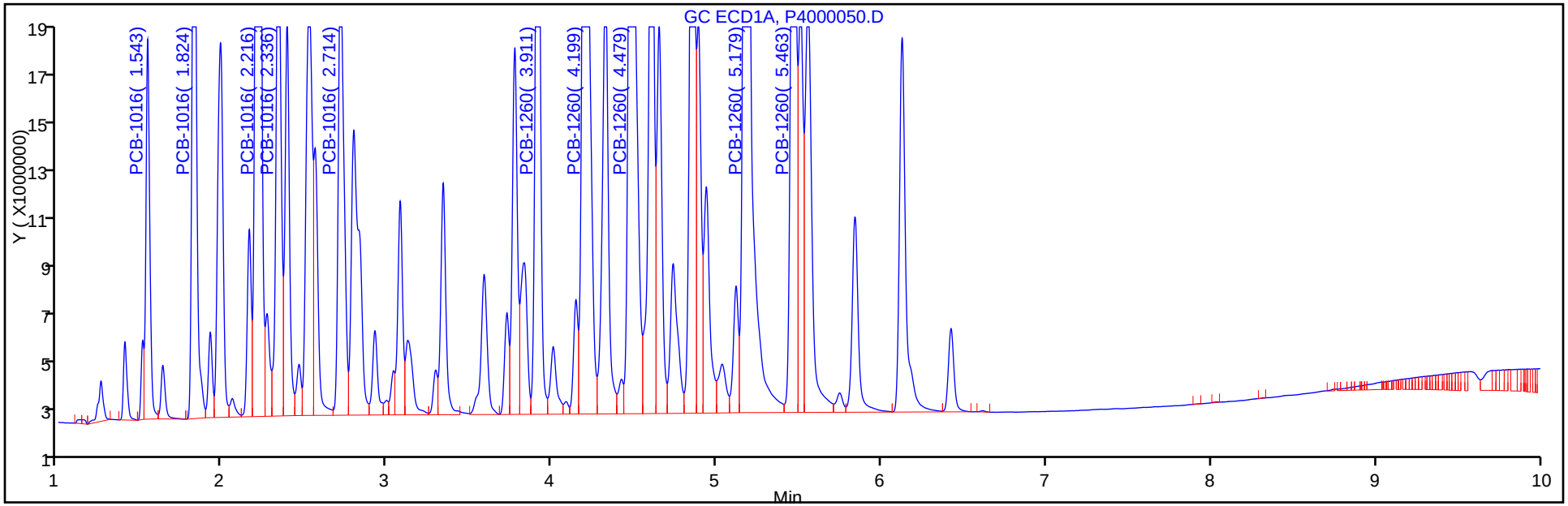
Report Date: 15-Apr-2013 13:05:52 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

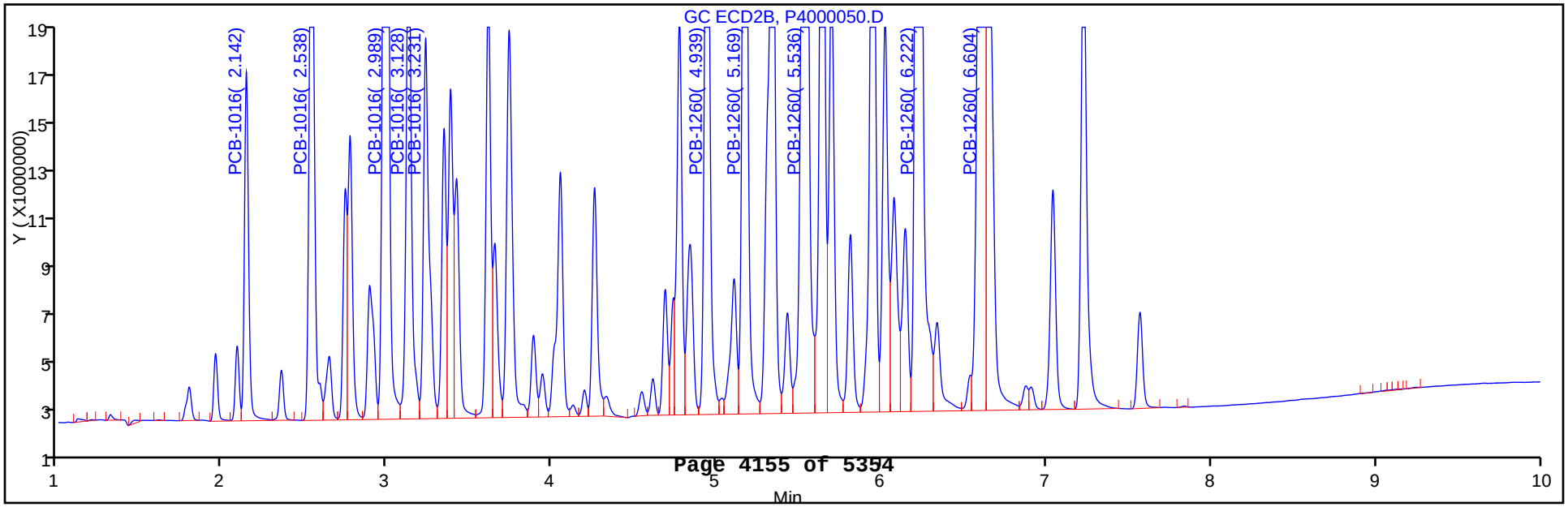
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000050.D

Injection Date:	15-Apr-2013 11:58:43	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	50
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-81761/50 Calibration Date: 04/15/2013 11:58

Instrument ID: A2HP4 Calib Start Date: 04/15/2013 05:58

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/15/2013 07:16

Lab File ID: P4000050.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	25648240	26453135		1.03	1.00	3.1	20.0
PCB-1016 Peak 2	Ave	50771162	54398101		1.07	1.00	7.1	20.0
PCB-1016 Peak 3	Ave	99379492	114525960		1.15	1.00	15.2	20.0
PCB-1016 Peak 4	Ave	44018240	49095632		1.12	1.00	11.5	20.0
PCB-1016 Peak 5	Ave	34251515	39265162		1.15	1.00	14.6	20.0
PCB-1260 Peak 1	Ave	68786213	70748168		1.03	1.00	2.9	20.0
PCB-1260 Peak 2	Ave	79832052	86364601		1.08	1.00	8.2	20.0
PCB-1260 Peak 3	Ave	118169923	118809913		1.01	1.00	0.5	20.0
PCB-1260 Peak 4	Ave	145808797	190043048		1.30	1.00	30.3*	20.0
PCB-1260 Peak 5	Ave	96662928	121763502		1.26	1.00	26.0*	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 240-81761/50 Calibration Date: 04/15/2013 11:58

Instrument ID: A2HP4 Calib Start Date: 04/15/2013 05:58

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/15/2013 07:16

Lab File ID: P4000050.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.14	2.04	2.24
PCB-1016 Peak 2	2.54	2.44	2.64
PCB-1016 Peak 3	2.99	2.89	3.09
PCB-1016 Peak 4	3.13	3.03	3.23
PCB-1016 Peak 5	3.23	3.13	3.33
PCB-1260 Peak 1	4.94	4.84	5.04
PCB-1260 Peak 2	5.17	5.07	5.27
PCB-1260 Peak 3	5.54	5.44	5.64
PCB-1260 Peak 4	6.22	6.12	6.32
PCB-1260 Peak 5	6.60	6.50	6.70

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000050.D
Lims ID: ICV 1660 Client ID:
Inject. Date: 15-Apr-2013 11:58:43 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0018824-050
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 50
Lims Batch ID: 81761 Lims Sample ID: 50
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:05:36 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK026

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100	1.543	1.542	0.001	26394423	0.9726		100.0	
1	2	1.824	1.824	0.000	52458419	1.07	156.0- 206.0	198.7	
1	3	2.216	2.216	0.000	108960522	1.17	312.4- 362.4	412.8	
1	4	2.336	2.336	0.000	47527384	1.13	118.7- 188.7	180.1	
1	5	2.714	2.714	0.000	46463290	1.10	125.6- 175.6	176.0	
			Average of Peak Amounts =			1.09			
2	6	2.142	2.142	0.000	26453135	1.03		100.0	
2	7	2.538	2.538	0.000	54398101	1.07	169.6- 229.6	205.6	
2	8	2.989	2.989	0.000	114525960	1.15	351.4- 411.4	432.9	
2	9	3.128	3.127	0.001	49095632	1.12	141.3- 201.3	185.6	
2	10	3.231	3.230	0.001	39265162	1.15	102.5- 162.5	148.4	
			Average of Peak Amounts =			1.10			
						RPD = 1.43			
10 PCB-1260									
1	100	3.911	3.911	0.000	65734311	1.05		100.0	
1	2	4.199	4.199	0.000	116951409	1.06	152.2- 202.2	177.9	
1	3	4.479	4.479	0.000	108823251	1.01	146.4- 196.4	165.6	
1	4	5.179	5.178	0.001	170284982	1.32	180.7- 230.7	259.1	
1	5	5.463	5.464	-0.001	74264351	1.28	64.1- 114.1	113.0	
			Average of Peak Amounts =			1.14			
2	6	4.939	4.940	-0.001	70748168	1.03		100.0	
2	7	5.169	5.170	-0.001	86364601	1.08	87.6- 147.6	122.1	
2	8	5.536	5.539	-0.003	118809913	1.01	144.7- 204.7	167.9	
2	9	6.222	6.224	-0.002	190043048	1.30	187.7- 247.7	268.6	
2	10	6.604	6.604	0.000	121763502	1.26	115.0- 175.0	172.1	
			Average of Peak Amounts =			1.14			
						RPD = 0.68			

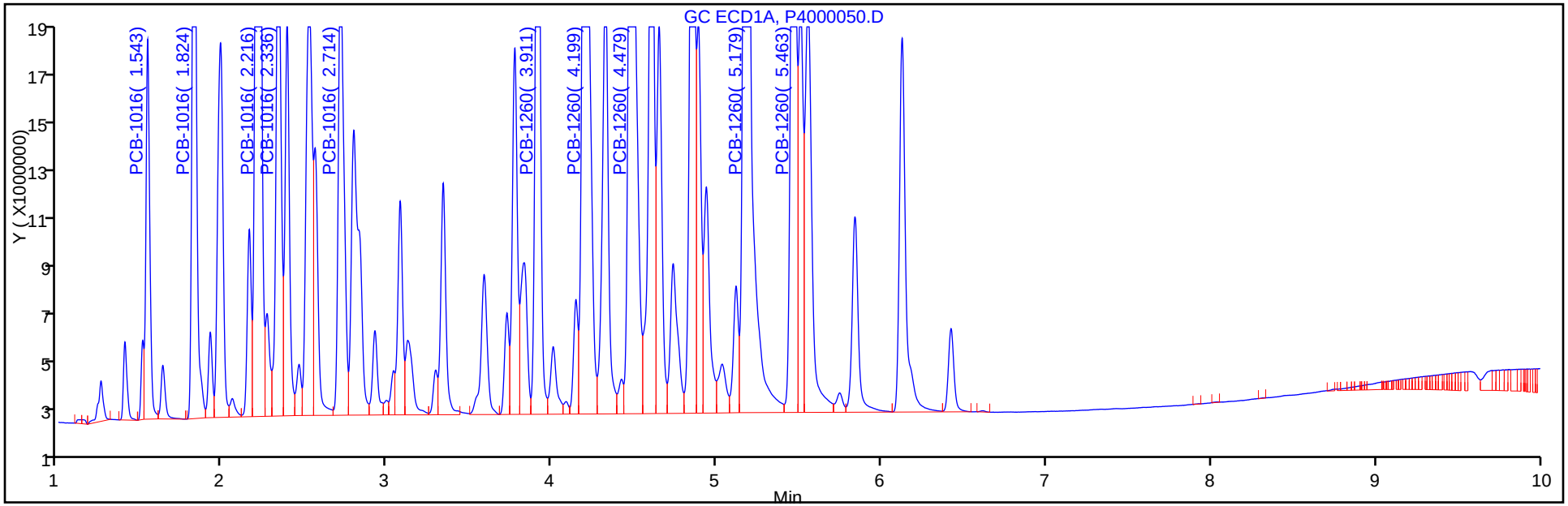
Report Date: 15-Apr-2013 13:05:53 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

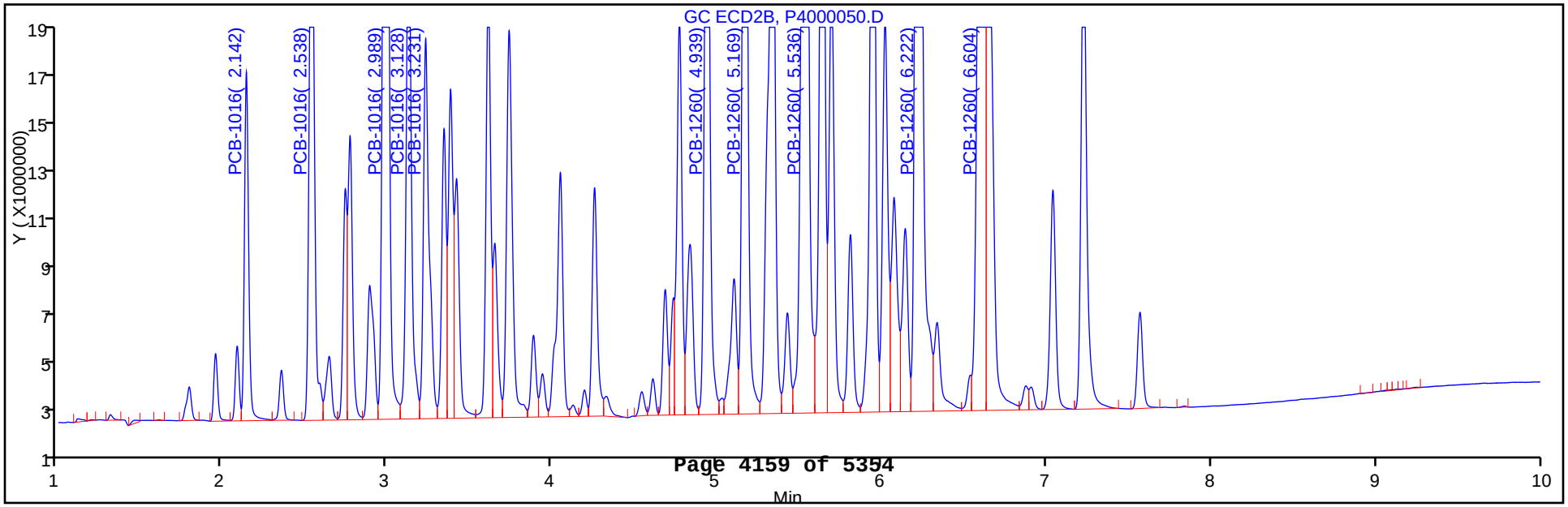
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000050.D

Injection Date:	15-Apr-2013 11:58:43	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	50
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-82562/3 Calibration Date: 04/18/2013 16:46

Instrument ID: A2HP4 Calib Start Date: 04/15/2013 05:58

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/15/2013 07:16

Lab File ID: P4000003.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	27137284	26988964		0.497	0.500	-0.5	20.0
PCB-1016 Peak 2	Ave	48967138	48826490		0.499	0.500	-0.3	20.0
PCB-1016 Peak 3	Ave	93440084	100214676		0.536	0.500	7.3	20.0
PCB-1016 Peak 4	Ave	41962283	44694790		0.533	0.500	6.5	20.0
PCB-1016 Peak 5	Ave	42399034	44962122		0.530	0.500	6.0	20.0
PCB-1260 Peak 1	Ave	62400345	62251836		0.499	0.500	-0.2	20.0
PCB-1260 Peak 2	Ave	110128120	114660932		0.521	0.500	4.1	20.0
PCB-1260 Peak 3	Ave	107668512	116021080		0.539	0.500	7.8	20.0
PCB-1260 Peak 4	Ave	129376197	142151826		0.549	0.500	9.9	20.0
PCB-1260 Peak 5	Ave	58244642	67589660		0.580	0.500	16.0	20.0
Tetrachloro-m-xylene	Ave	1583607317	1586332360		0.0250	0.0250	0.2	20.0
DCB Decachlorobiphenyl	Ave	1335217125	1446613560		0.0271	0.0250	8.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-82562/3 Calibration Date: 04/18/2013 16:46

Instrument ID: A2HP4 Calib Start Date: 04/15/2013 05:58

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/15/2013 07:16

Lab File ID: P4000003.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	1.55	1.45	1.65
PCB-1016 Peak 2	1.83	1.73	1.93
PCB-1016 Peak 3	2.22	2.12	2.32
PCB-1016 Peak 4	2.34	2.24	2.44
PCB-1016 Peak 5	2.72	2.62	2.82
PCB-1260 Peak 1	3.92	3.82	4.02
PCB-1260 Peak 2	4.20	4.10	4.30
PCB-1260 Peak 3	4.48	4.38	4.58
PCB-1260 Peak 4	5.18	5.08	5.28
PCB-1260 Peak 5	5.47	5.37	5.57
Tetrachloro-m-xylene	1.28	1.18	1.38
DCB Decachlorobiphenyl	6.62	6.52	6.72

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000003.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 18-Apr-2013 16:46:46 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0019023-003
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 3
Lims Batch ID: 82562 Lims Sample ID: 3
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\PCB4.m
Last Update: 19-Apr-2013 14:30:32 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

First Level Reviewer: hassl Date: 19-Apr-2013 14:26:51

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.277	1.277	0.000	39658309	0.0250			
2	2	1.684	1.684	0.000	38278298	0.0243			
						RPD = 3.18			
6 PCB-1016									M
1	100	1.547	1.547	0.000	13494482	0.4973		100.0	
1	2	1.828	1.828	0.000	24413245	0.4986	156.0- 206.0	180.9	M
1	3	2.221	2.221	0.000	50107338	0.5363	312.4- 362.4	371.3	M
1	4	2.341	2.341	0.000	22347395	0.5326	118.7- 188.7	165.6	M
1	5	2.718	2.718	0.000	22481061	0.5302	125.6- 175.6	166.6	M
			Average of Peak Amounts =			0.5190			
2	6	2.146	2.146	0.000	12236399	0.4771		100.0	
2	7	2.542	2.542	0.000	24522217	0.4830	169.6- 229.6	200.4	
2	8	2.993	2.993	0.000	51374543	0.5170	351.4- 411.4	419.9	
2	9	3.132	3.132	0.000	21967412	0.4991	141.3- 201.3	179.5	
2	10	3.235	3.235	0.000	17281447	0.5045	102.5- 162.5	141.2	
			Average of Peak Amounts =			0.4961			
						RPD = 4.50			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.916	3.916	0.000	31125918	0.4988		100.0	
1	2	4.203	4.203	0.000	57330466	0.5206	152.2- 202.2	184.2	
1	3	4.484	4.484	0.000	58010540	0.5388	146.4- 196.4	186.4	
1	4	5.183	5.183	0.000	71075913	0.5494	180.7- 230.7	228.3	
1	5	5.468	5.468	0.000	33794830	0.5802	64.1- 114.1	108.6	
			Average of Peak Amounts =			0.5376			
2	6	4.943	4.943	0.000	34615485	0.5032		100.0	
2	7	5.174	5.174	0.000	41959135	0.5256	87.6- 147.6	121.2	
2	8	5.543	5.543	0.000	62561729	0.5294	144.7- 204.7	180.7	
2	9	6.227	6.227	0.000	78742714	0.5400	187.7- 247.7	227.5	
2	10	6.608	6.608	0.000	53097407	0.5493	115.0- 175.0	153.4	
			Average of Peak Amounts =			0.5295			
						RPD = 1.51			
$ 12 DCB Decachlorobiphenyl									
1	100	6.621	6.621	0.000	36165339	0.0271			
2	2	7.843	7.843	0.000	37047128	0.0254			
						RPD = 6.29			

QC Flag Legend

Review Flags
M - Manually Integrated

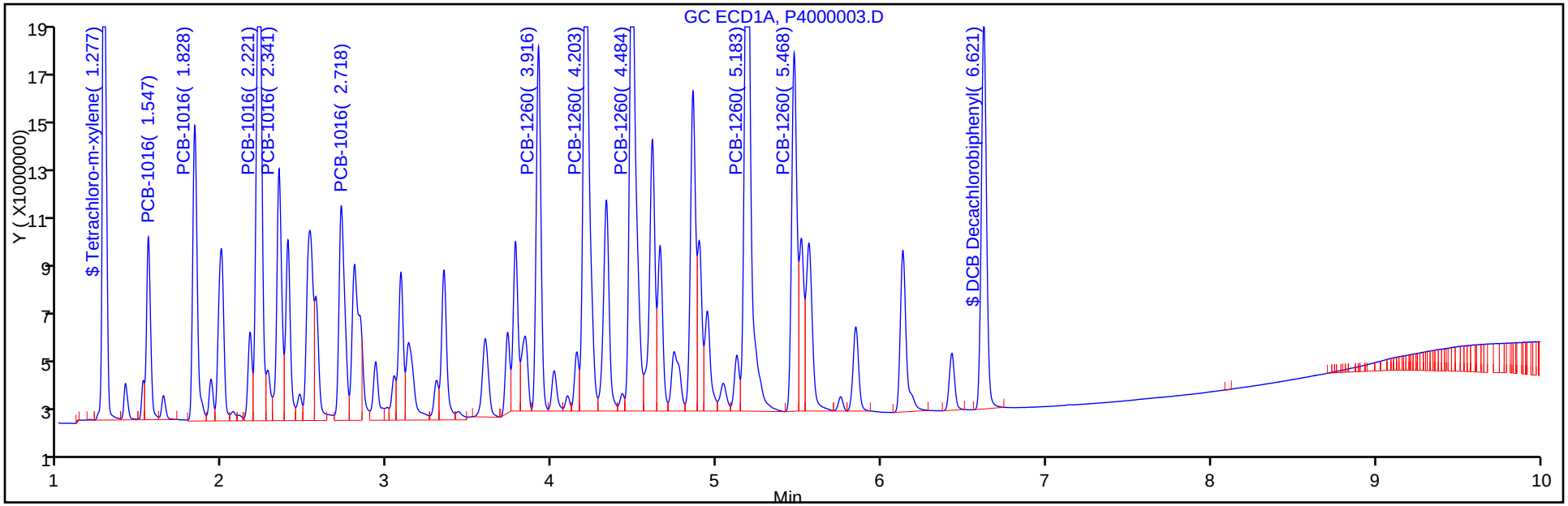
Report Date: 19-Apr-2013 14:30:32 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

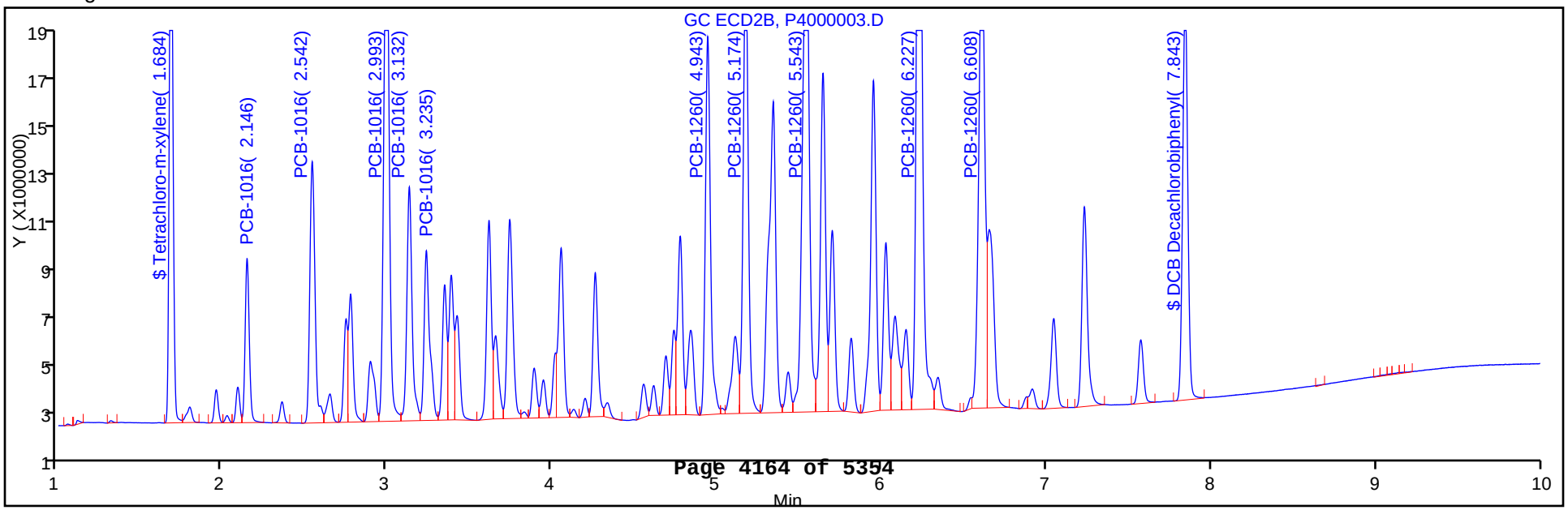
Data File: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000003.D

Injection Date:	18-Apr-2013 16:46:46	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82562	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



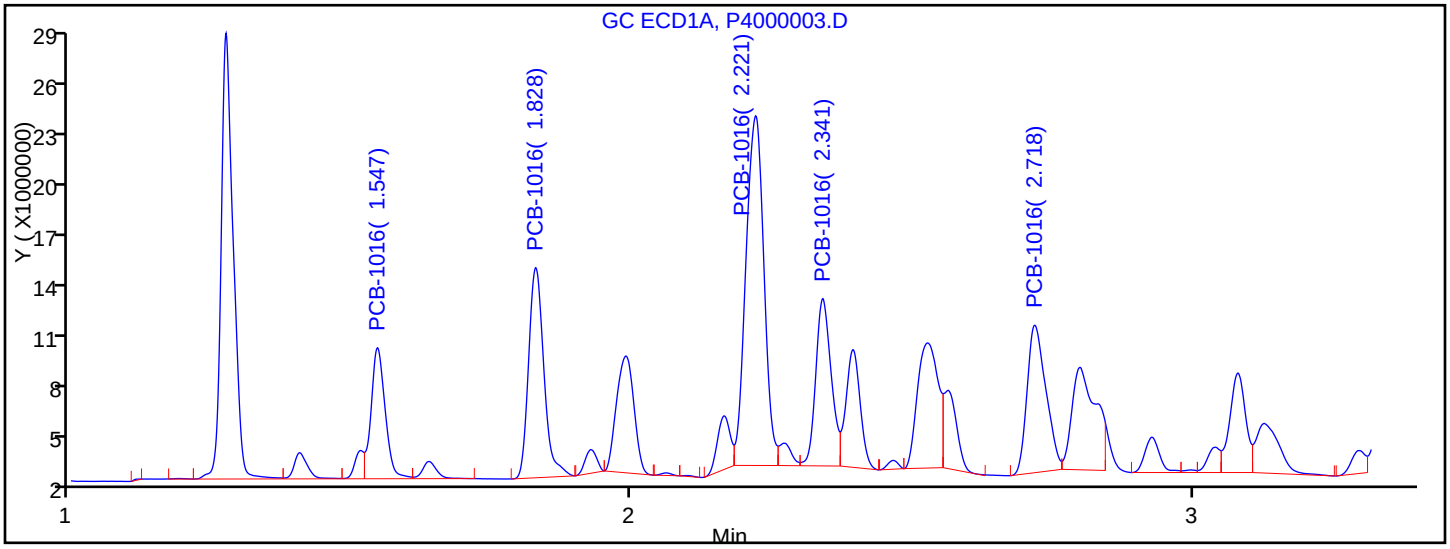
Report Date: 19-Apr-2013 14:30:33 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000003.D

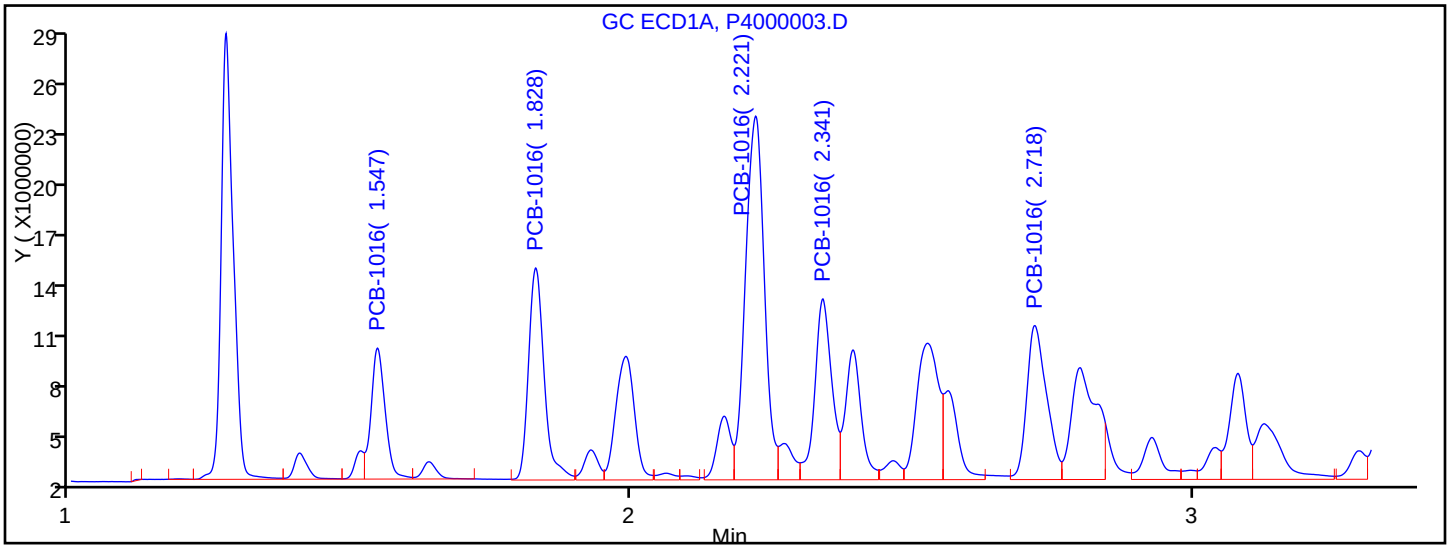
Injection Date:	18-Apr-2013 16:46:46	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82562	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.547	Response = 13494482	
RT = 1.828	Response = 23507057	M
RT = 2.221	Response = 46221721	M
RT = 2.341	Response = 18917818	M
RT = 2.718	Response = 20306106	M



Manual Integration Results

RT = 1.547	Response = 13494482	
RT = 1.828	Response = 24413245	M
RT = 2.221	Response = 50107338	M
RT = 2.341	Response = 22347395	M
RT = 2.718	Response = 22481061	M

Reviewer: hassl, 19-Apr-2013 14:26:51

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-82562/3 Calibration Date: 04/18/2013 16:46

Instrument ID: A2HP4 Calib Start Date: 04/15/2013 05:58

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/15/2013 07:16

Lab File ID: P4000003.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	25648240	24472798		0.477	0.500	-4.6	20.0
PCB-1016 Peak 2	Ave	50771162	49044434		0.483	0.500	-3.4	20.0
PCB-1016 Peak 3	Ave	99379492	102749086		0.517	0.500	3.4	20.0
PCB-1016 Peak 4	Ave	44018240	43934824		0.499	0.500	-0.2	20.0
PCB-1016 Peak 5	Ave	34251515	34562894		0.505	0.500	0.9	20.0
PCB-1260 Peak 1	Ave	68786213	69230970		0.503	0.500	0.6	20.0
PCB-1260 Peak 2	Ave	79832052	83918270		0.526	0.500	5.1	20.0
PCB-1260 Peak 3	Ave	118169923	125123458		0.529	0.500	5.9	20.0
PCB-1260 Peak 4	Ave	145808797	157485428		0.540	0.500	8.0	20.0
PCB-1260 Peak 5	Ave	96662928	106194814		0.549	0.500	9.9	20.0
Tetrachloro-m-xylene	Ave	1577823383	1531131920		0.0243	0.0250	-3.0	20.0
DCB Decachlorobiphenyl	Ave	1456619055	1481885120		0.0254	0.0250	1.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-82562/3 Calibration Date: 04/18/2013 16:46

Instrument ID: A2HP4 Calib Start Date: 04/15/2013 05:58

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/15/2013 07:16

Lab File ID: P4000003.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.15	2.05	2.25
PCB-1016 Peak 2	2.54	2.44	2.64
PCB-1016 Peak 3	2.99	2.89	3.09
PCB-1016 Peak 4	3.13	3.03	3.23
PCB-1016 Peak 5	3.24	3.14	3.34
PCB-1260 Peak 1	4.94	4.84	5.04
PCB-1260 Peak 2	5.17	5.07	5.27
PCB-1260 Peak 3	5.54	5.44	5.64
PCB-1260 Peak 4	6.23	6.13	6.33
PCB-1260 Peak 5	6.61	6.51	6.71
Tetrachloro-m-xylene	1.68	1.58	1.78
DCB Decachlorobiphenyl	7.84	7.74	7.94

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000003.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 18-Apr-2013 16:46:46 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0019023-003
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 3
Lims Batch ID: 82562 Lims Sample ID: 3
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\PCB4.m
Last Update: 19-Apr-2013 14:30:32 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

First Level Reviewer: hassl Date: 19-Apr-2013 14:26:51

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.277	1.277	0.000	39658309	0.0250			
2	2	1.684	1.684	0.000	38278298	0.0243			
						RPD = 3.18			
6 PCB-1016									M
1	100	1.547	1.547	0.000	13494482	0.4973		100.0	
1	2	1.828	1.828	0.000	24413245	0.4986	156.0- 206.0	180.9	M
1	3	2.221	2.221	0.000	50107338	0.5363	312.4- 362.4	371.3	M
1	4	2.341	2.341	0.000	22347395	0.5326	118.7- 188.7	165.6	M
1	5	2.718	2.718	0.000	22481061	0.5302	125.6- 175.6	166.6	M
			Average of Peak Amounts =			0.5190			
2	6	2.146	2.146	0.000	12236399	0.4771		100.0	
2	7	2.542	2.542	0.000	24522217	0.4830	169.6- 229.6	200.4	
2	8	2.993	2.993	0.000	51374543	0.5170	351.4- 411.4	419.9	
2	9	3.132	3.132	0.000	21967412	0.4991	141.3- 201.3	179.5	
2	10	3.235	3.235	0.000	17281447	0.5045	102.5- 162.5	141.2	
			Average of Peak Amounts =			0.4961			
						RPD = 4.50			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.916	3.916	0.000	31125918	0.4988		100.0	
1	2	4.203	4.203	0.000	57330466	0.5206	152.2- 202.2	184.2	
1	3	4.484	4.484	0.000	58010540	0.5388	146.4- 196.4	186.4	
1	4	5.183	5.183	0.000	71075913	0.5494	180.7- 230.7	228.3	
1	5	5.468	5.468	0.000	33794830	0.5802	64.1- 114.1	108.6	
			Average of Peak Amounts =			0.5376			
2	6	4.943	4.943	0.000	34615485	0.5032		100.0	
2	7	5.174	5.174	0.000	41959135	0.5256	87.6- 147.6	121.2	
2	8	5.543	5.543	0.000	62561729	0.5294	144.7- 204.7	180.7	
2	9	6.227	6.227	0.000	78742714	0.5400	187.7- 247.7	227.5	
2	10	6.608	6.608	0.000	53097407	0.5493	115.0- 175.0	153.4	
			Average of Peak Amounts =			0.5295			
						RPD = 1.51			
$ 12 DCB Decachlorobiphenyl									
1	100	6.621	6.621	0.000	36165339	0.0271			
2	2	7.843	7.843	0.000	37047128	0.0254			
						RPD = 6.29			

QC Flag Legend

Review Flags
M - Manually Integrated

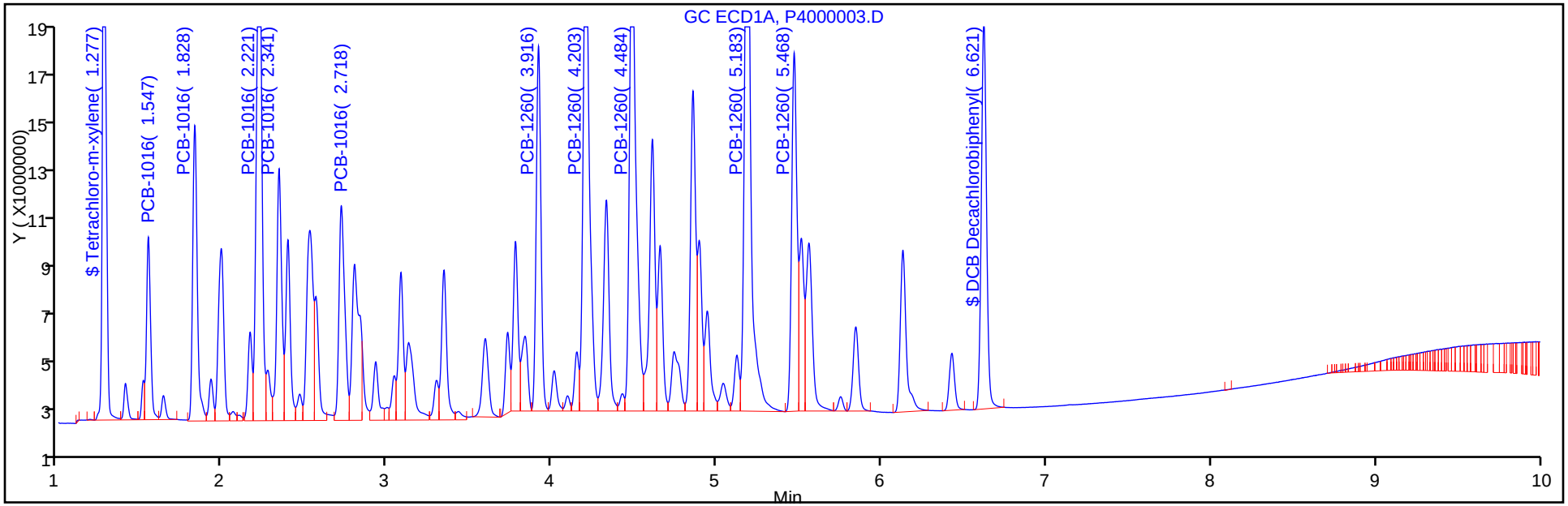
Report Date: 19-Apr-2013 14:30:33 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

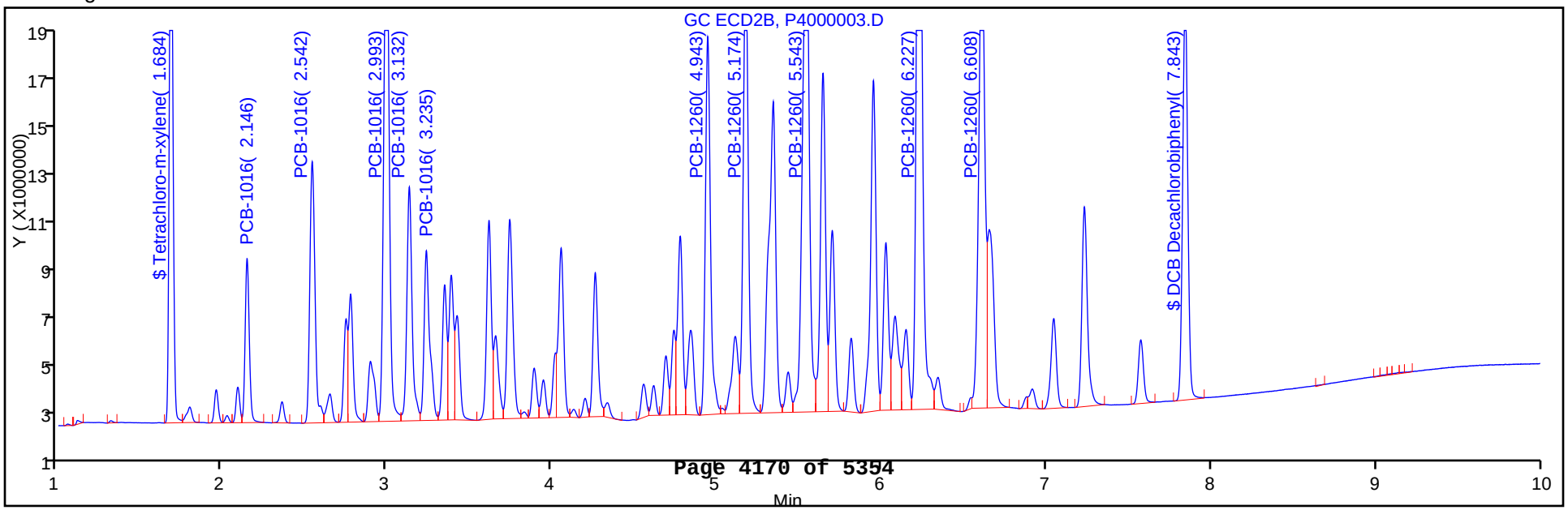
Data File: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000003.D

Injection Date:	18-Apr-2013 16:46:46	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82562	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-82562/12 Calibration Date: 04/18/2013 19:07

Instrument ID: A2HP4 Calib Start Date: 04/15/2013 05:58

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/15/2013 07:16

Lab File ID: P4000012.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	27137284	28403234		0.523	0.500	4.7	20.0
PCB-1016 Peak 2	Ave	48967138	49232158		0.503	0.500	0.5	20.0
PCB-1016 Peak 3	Ave	93440084	103602670		0.554	0.500	10.9	20.0
PCB-1016 Peak 4	Ave	41962283	45481722		0.542	0.500	8.4	20.0
PCB-1016 Peak 5	Ave	42399034	44859398		0.529	0.500	5.8	20.0
PCB-1260 Peak 1	Ave	62400345	66704966		0.534	0.500	6.9	20.0
PCB-1260 Peak 2	Ave	110128120	120793148		0.548	0.500	9.7	20.0
PCB-1260 Peak 3	Ave	107668512	122211782		0.568	0.500	13.5	20.0
PCB-1260 Peak 4	Ave	129376197	147978650		0.572	0.500	14.4	20.0
PCB-1260 Peak 5	Ave	58244642	71475072		0.614	0.500	22.7*	20.0
Tetrachloro-m-xylene	Ave	1583607317	1645614320		0.0260	0.0250	3.9	20.0
DCB Decachlorobiphenyl	Ave	1335217125	1493850360		0.0280	0.0250	11.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-82562/12 Calibration Date: 04/18/2013 19:07

Instrument ID: A2HP4 Calib Start Date: 04/15/2013 05:58

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/15/2013 07:16

Lab File ID: P4000012.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	1.55	1.45	1.65
PCB-1016 Peak 2	1.83	1.73	1.93
PCB-1016 Peak 3	2.22	2.12	2.32
PCB-1016 Peak 4	2.34	2.24	2.44
PCB-1016 Peak 5	2.72	2.62	2.82
PCB-1260 Peak 1	3.92	3.82	4.02
PCB-1260 Peak 2	4.21	4.11	4.31
PCB-1260 Peak 3	4.49	4.39	4.59
PCB-1260 Peak 4	5.19	5.09	5.29
PCB-1260 Peak 5	5.47	5.37	5.57
Tetrachloro-m-xylene	1.28	1.18	1.38
DCB Decachlorobiphenyl	6.62	6.52	6.72

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000012.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 18-Apr-2013 19:07:24 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0019023-012
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 12
Lims Batch ID: 82562 Lims Sample ID: 12
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\PCB4.m
Last Update: 19-Apr-2013 14:30:41 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.277	1.277	0.000	41140358	0.0260			
2	2	1.684	1.684	0.000	39681724	0.0251			
						RPD = 3.24			
6 PCB-1016									
1	100	1.545	1.545	0.000	14201617	0.5233		100.0	
1	2	1.828	1.828	0.000	24616079	0.5027	156.0- 206.0	173.3	
1	3	2.221	2.221	0.000	51801335	0.5544	312.4- 362.4	364.8	
1	4	2.340	2.340	0.000	22740861	0.5419	118.7- 188.7	160.1	
1	5	2.719	2.719	0.000	22429699	0.5290	125.6- 175.6	157.9	
			Average of Peak Amounts =			0.5303			
2	6	2.147	2.147	0.000	12753968	0.4973		100.0	
2	7	2.543	2.543	0.000	24222238	0.4771	169.6- 229.6	189.9	
2	8	2.994	2.994	0.000	53455900	0.5379	351.4- 411.4	419.1	
2	9	3.133	3.133	0.000	22664493	0.5149	141.3- 201.3	177.7	
2	10	3.236	3.236	0.000	17783282	0.5192	102.5- 162.5	139.4	
			Average of Peak Amounts =			0.5093			
						RPD = 4.04			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.918	3.918	0.000	33352483	0.5345		100.0	
1	2	4.205	4.205	0.000	60396574	0.5484	152.2- 202.2	181.1	
1	3	4.486	4.486	0.000	61105891	0.5675	146.4- 196.4	183.2	
1	4	5.185	5.185	0.000	73989325	0.5719	180.7- 230.7	221.8	
1	5	5.470	5.470	0.000	35737536	0.6136	64.1- 114.1	107.2	
			Average of Peak Amounts =			0.5672			
2	6	4.946	4.946	0.000	35475169	0.5157		100.0	
2	7	5.177	5.177	0.000	42729753	0.5352	87.6- 147.6	120.4	
2	8	5.545	5.545	0.000	64936032	0.5495	144.7- 204.7	183.0	
2	9	6.230	6.230	0.000	80897961	0.5548	187.7- 247.7	228.0	
2	10	6.611	6.611	0.000	54724444	0.5661	115.0- 175.0	154.3	
			Average of Peak Amounts =			0.5443			
						RPD = 4.12			
$ 12 DCB Decachlorobiphenyl									
1	100	6.623	6.623	0.000	37346259	0.0280			
2	2	7.845	7.845	0.000	37787268	0.0259			
						RPD = 7.52			

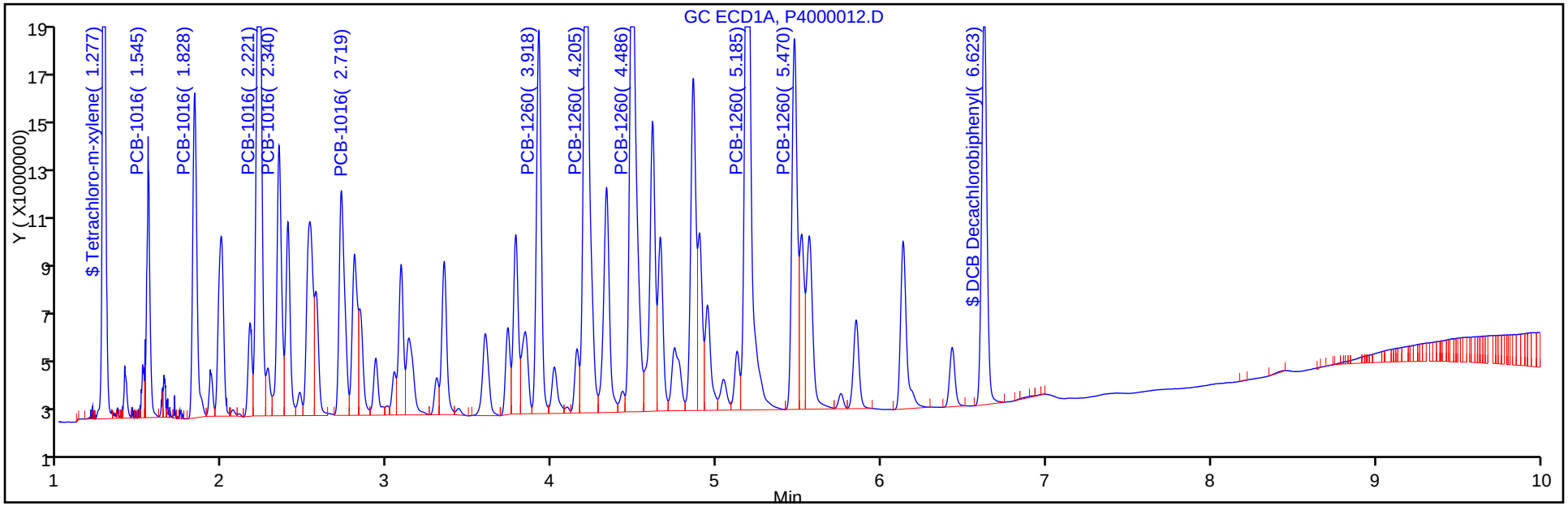
Report Date: 19-Apr-2013 14:30:41 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

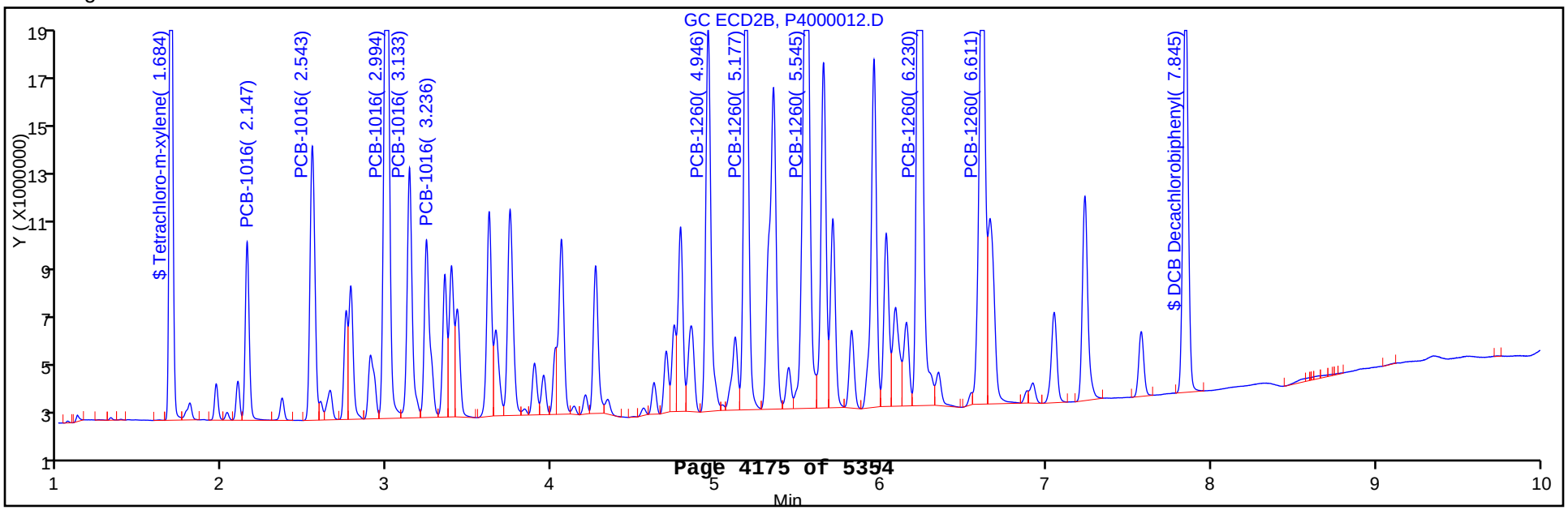
Data File: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000012.D

Injection Date:	18-Apr-2013 19:07:24	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82562	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-82562/12 Calibration Date: 04/18/2013 19:07

Instrument ID: A2HP4 Calib Start Date: 04/15/2013 05:58

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/15/2013 07:16

Lab File ID: P4000012.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	25648240	25507936		0.497	0.500	-0.5	20.0
PCB-1016 Peak 2	Ave	50771162	48444476		0.477	0.500	-4.6	20.0
PCB-1016 Peak 3	Ave	99379492	106911800		0.538	0.500	7.6	20.0
PCB-1016 Peak 4	Ave	44018240	45328986		0.515	0.500	3.0	20.0
PCB-1016 Peak 5	Ave	34251515	35566564		0.519	0.500	3.8	20.0
PCB-1260 Peak 1	Ave	68786213	70950338		0.516	0.500	3.1	20.0
PCB-1260 Peak 2	Ave	79832052	85459506		0.535	0.500	7.0	20.0
PCB-1260 Peak 3	Ave	118169923	129872064		0.550	0.500	9.9	20.0
PCB-1260 Peak 4	Ave	145808797	161795922		0.555	0.500	11.0	20.0
PCB-1260 Peak 5	Ave	96662928	109448888		0.566	0.500	13.2	20.0
Tetrachloro-m-xylene	Ave	1577823383	1587268960		0.0251	0.0250	0.6	20.0
DCB Decachlorobiphenyl	Ave	1456619055	1511490720		0.0259	0.0250	3.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 240-82562/12 Calibration Date: 04/18/2013 19:07

Instrument ID: A2HP4 Calib Start Date: 04/15/2013 05:58

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/15/2013 07:16

Lab File ID: P4000012.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.15	2.05	2.25
PCB-1016 Peak 2	2.54	2.44	2.64
PCB-1016 Peak 3	2.99	2.89	3.09
PCB-1016 Peak 4	3.13	3.03	3.23
PCB-1016 Peak 5	3.24	3.14	3.34
PCB-1260 Peak 1	4.95	4.85	5.05
PCB-1260 Peak 2	5.18	5.08	5.28
PCB-1260 Peak 3	5.55	5.45	5.65
PCB-1260 Peak 4	6.23	6.13	6.33
PCB-1260 Peak 5	6.61	6.51	6.71
Tetrachloro-m-xylene	1.68	1.58	1.78
DCB Decachlorobiphenyl	7.85	7.75	7.95

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000012.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 18-Apr-2013 19:07:24 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0019023-012
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 12
Lims Batch ID: 82562 Lims Sample ID: 12
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\PCB4.m
Last Update: 19-Apr-2013 14:30:41 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.277	1.277	0.000	41140358	0.0260			
2	2	1.684	1.684	0.000	39681724	0.0251			
						RPD = 3.24			
6 PCB-1016									
1	100	1.545	1.545	0.000	14201617	0.5233		100.0	
1	2	1.828	1.828	0.000	24616079	0.5027	156.0- 206.0	173.3	
1	3	2.221	2.221	0.000	51801335	0.5544	312.4- 362.4	364.8	
1	4	2.340	2.340	0.000	22740861	0.5419	118.7- 188.7	160.1	
1	5	2.719	2.719	0.000	22429699	0.5290	125.6- 175.6	157.9	
			Average of Peak Amounts =			0.5303			
2	6	2.147	2.147	0.000	12753968	0.4973		100.0	
2	7	2.543	2.543	0.000	24222238	0.4771	169.6- 229.6	189.9	
2	8	2.994	2.994	0.000	53455900	0.5379	351.4- 411.4	419.1	
2	9	3.133	3.133	0.000	22664493	0.5149	141.3- 201.3	177.7	
2	10	3.236	3.236	0.000	17783282	0.5192	102.5- 162.5	139.4	
			Average of Peak Amounts =			0.5093			
						RPD = 4.04			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.918	3.918	0.000	33352483	0.5345		100.0	
1	2	4.205	4.205	0.000	60396574	0.5484	152.2- 202.2	181.1	
1	3	4.486	4.486	0.000	61105891	0.5675	146.4- 196.4	183.2	
1	4	5.185	5.185	0.000	73989325	0.5719	180.7- 230.7	221.8	
1	5	5.470	5.470	0.000	35737536	0.6136	64.1- 114.1	107.2	
			Average of Peak Amounts =			0.5672			
2	6	4.946	4.946	0.000	35475169	0.5157		100.0	
2	7	5.177	5.177	0.000	42729753	0.5352	87.6- 147.6	120.4	
2	8	5.545	5.545	0.000	64936032	0.5495	144.7- 204.7	183.0	
2	9	6.230	6.230	0.000	80897961	0.5548	187.7- 247.7	228.0	
2	10	6.611	6.611	0.000	54724444	0.5661	115.0- 175.0	154.3	
			Average of Peak Amounts =			0.5443			
						RPD = 4.12			
$ 12 DCB Decachlorobiphenyl									
1	100	6.623	6.623	0.000	37346259	0.0280			
2	2	7.845	7.845	0.000	37787268	0.0259			
						RPD = 7.52			

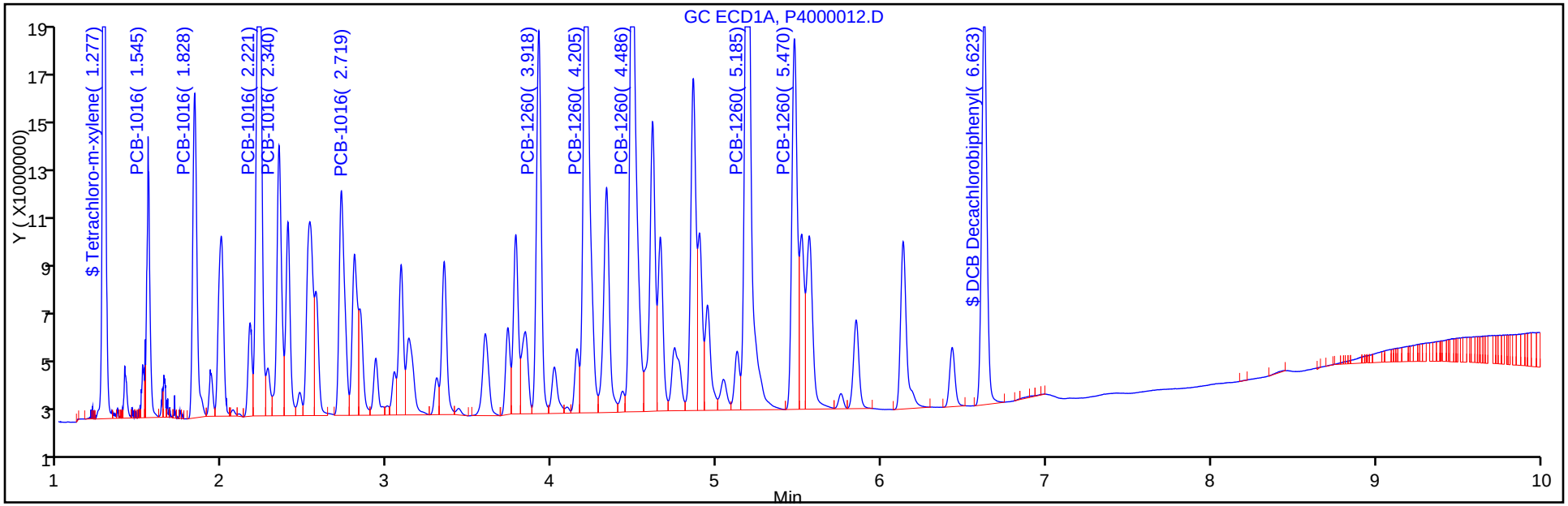
Report Date: 19-Apr-2013 14:30:42 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

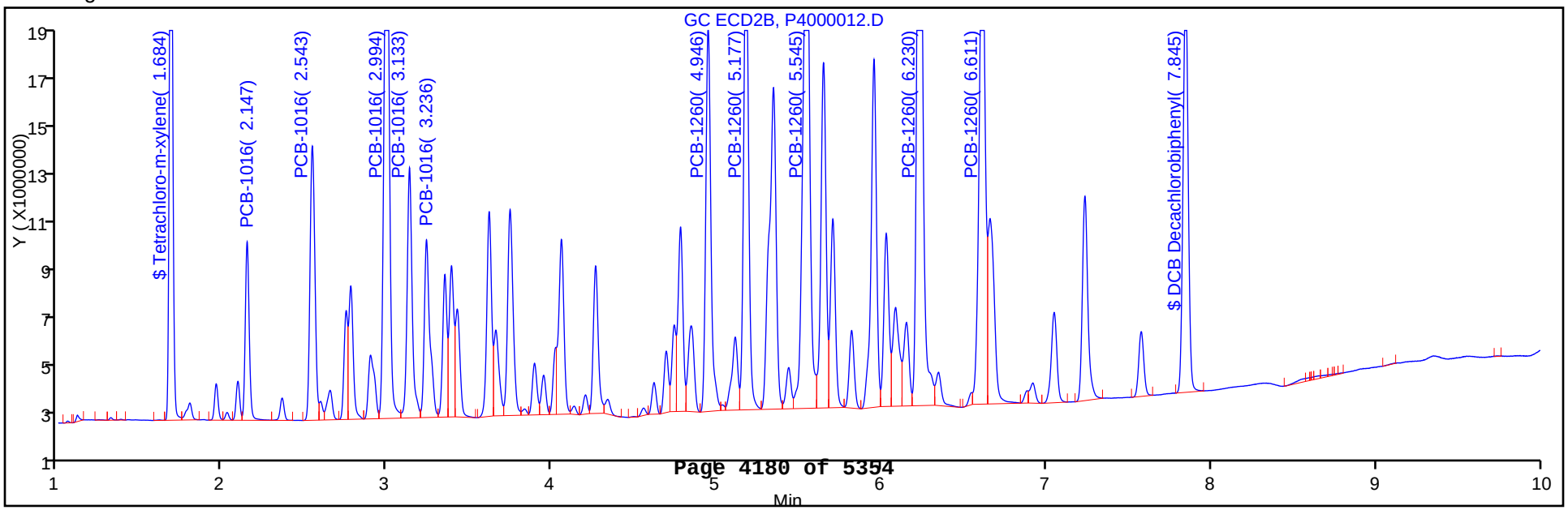
Data File: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000012.D

Injection Date:	18-Apr-2013 19:07:24	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82562	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22648-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-80548/3-A

Matrix: Water | Lab File ID: P1200007.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: 3520C | Date Extracted: 04/04/2013 09:38

Sample wt/vol: 1000(mL) | Date Analyzed: 04/08/2013 15:09

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 80924 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	0.20	U	0.50	0.20	0.13
12674-11-2	Aroclor-1016	0.20	U	0.50	0.20	0.17
11141-16-5	Aroclor-1232	0.20	U	0.50	0.20	0.16
53469-21-9	Aroclor-1242	0.40	U	0.50	0.40	0.22
12672-29-6	Aroclor-1248	0.20	U	0.50	0.20	0.10
11097-69-1	Aroclor-1254	0.20	U	0.50	0.20	0.16
11096-82-5	Aroclor-1260	0.20	U	0.50	0.20	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	84		40-140
2051-24-3	DCB Decachlorobiphenyl	73		40-135

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130408-18636.b\P1200007.D
Lims ID: MB 240-80548/3-A Client ID:
Inject. Date: 08-Apr-2013 15:09:00 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0018636-007
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 7
Lims Batch ID: 80924 Lims Sample ID: 7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130408-18636.b\PCB12.m
Last Update: 09-Apr-2013 14:40:01 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK030

First Level Reviewer: hassl Date: 09-Apr-2013 14:39:11

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.297	0.003	32988575	0.0336			
2	2	1.672	1.670	0.002	89346100	0.0335			
						RPD = 0.48			
3 PCB-1221									1
1	2		1.435						
1	3		1.545						
1	4		1.577						
2	4		1.951						
2	5		2.084						
2	6		2.140						
6 PCB-1016									
1	100		1.575						
1	2		1.865						
1	3		2.266						
1	4		2.387						
1	5		2.772						
2	6		2.136						
2	7		2.537						
2	8		2.991						
2	9		3.131						
2	10		3.617						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.577						
1	2		1.868						
1	3		2.267						
1	4		2.391						
1	5		2.775						
2	6		2.139						
2	7		2.539						
2	8		2.994						
2	9		3.132						
2	10		3.618						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.271						
1	4		2.393						
1	5		2.778						
2	6		2.141						
2	7		2.541						
2	8		2.996						
2	9		3.134						
2	10		3.747						
7 PCB-1248									
1	86		1.869						
1	2		2.269						
1	3		2.778						
1	4		3.360						
1	5		3.796						
2	6		2.539						
2	7		2.994						
2	8		3.620						
2	9		4.064						
2	10		4.745						
8 PCB-1254									
1	100		3.407						
1	2		3.795						
1	3		4.078						
1	4		4.270						
1	5		4.551						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.550						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.981						
1	2		4.269						
1	3		4.549						
1	4		5.248						
1	5		5.531						
2	6		4.949						
2	7		5.180						
2	8		5.546						
2	9		6.231						
2	10		6.611						
9 PCB-1262									
1	100		3.985						
1	2		4.274						
1	3		4.676						
1	4		5.250						
1	5		5.581						
2	6		5.183						
2	7		5.653						
2	8		5.957						
2	9		6.235						
2	10		6.611						
11 PCB-1268									
1	100		5.582						
1	2		5.619						
1	3		5.818						
1	4		6.192						
1	5		6.489						
2	6		6.610						
2	7		6.658						
2	8		6.920						
2	9		7.234						
2	10		7.575						
$ 12 DCB Decachlorobiphenyl									
1	100	6.680	6.682	-0.002	29936473	0.0293			
2	2	7.839	7.840	-0.001	87160532	0.0295			
						RPD = 0.38			

QC Flag Legend

Processing Flags
1 - Missing Peaks

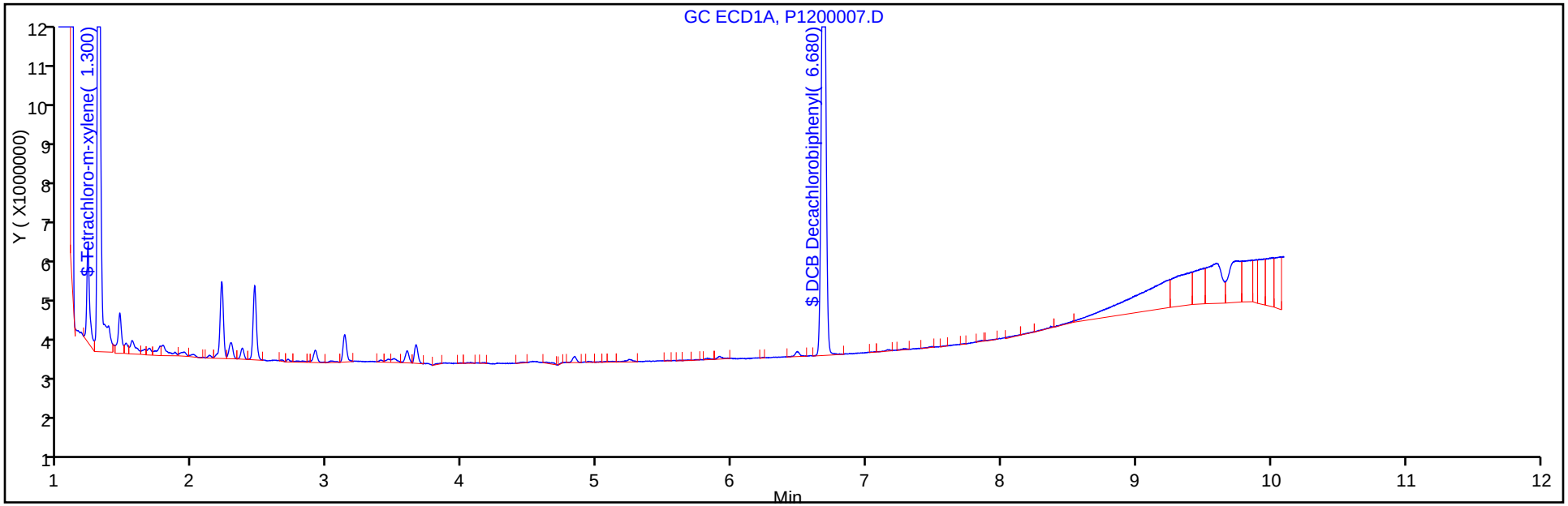
Report Date: 09-Apr-2013 14:40:07 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

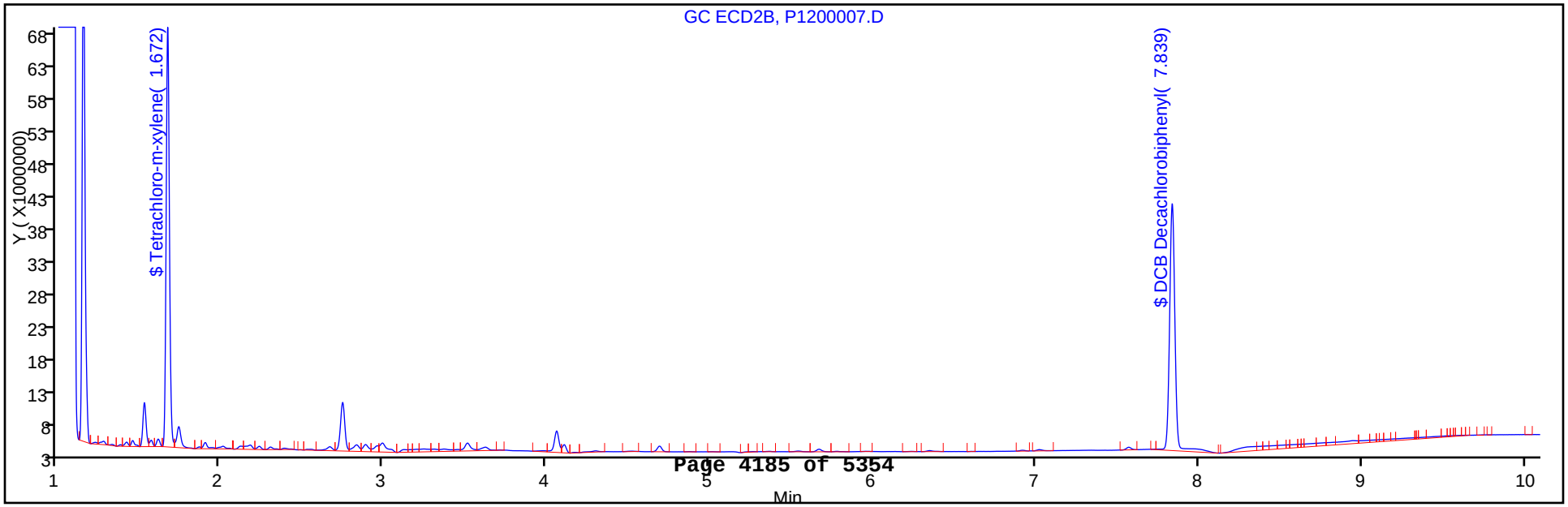
Data File: \\Ncchrom\ChromData\A2HP12\20130408-18636.b\P1200007.D

Injection Date:	08-Apr-2013 15:09:00	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80924	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-80548/3-A

Matrix: Water Lab File ID: P1200007.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: 3520C Date Extracted: 04/04/2013 09:38

Sample wt/vol: 1000(mL) Date Analyzed: 04/08/2013 15:09

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 80924 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	84		40-140
2051-24-3	DCB Decachlorobiphenyl	74		40-135

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130408-18636.b\P1200007.D
Lims ID: MB 240-80548/3-A
Client ID:
Inject. Date: 08-Apr-2013 15:09:00
Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0018636-007
Misc. Info.:
Operator:
Instrument ID: A2HP12
Injection Vol: 1.0 uL
ALS Bottle#: 7
Lims Batch ID: 80924
Lims Sample ID: 7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130408-18636.b\PCB12.m
Last Update: 09-Apr-2013 14:40:01
Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK030

First Level Reviewer: hassl
Date: 09-Apr-2013 14:39:11

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.297	0.003	32988575	0.0336			
2	2	1.672	1.670	0.002	89346100	0.0335			
						RPD = 0.48			
3 PCB-1221									1
1	2		1.435						
1	3		1.545						
1	4		1.577						
2	4		1.951						
2	5		2.084						
2	6		2.140						
6 PCB-1016									
1	100		1.575						
1	2		1.865						
1	3		2.266						
1	4		2.387						
1	5		2.772						
2	6		2.136						
2	7		2.537						
2	8		2.991						
2	9		3.131						
2	10		3.617						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.577						
1	2		1.868						
1	3		2.267						
1	4		2.391						
1	5		2.775						
2	6		2.139						
2	7		2.539						
2	8		2.994						
2	9		3.132						
2	10		3.618						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.271						
1	4		2.393						
1	5		2.778						
2	6		2.141						
2	7		2.541						
2	8		2.996						
2	9		3.134						
2	10		3.747						
7 PCB-1248									
1	86		1.869						
1	2		2.269						
1	3		2.778						
1	4		3.360						
1	5		3.796						
2	6		2.539						
2	7		2.994						
2	8		3.620						
2	9		4.064						
2	10		4.745						
8 PCB-1254									
1	100		3.407						
1	2		3.795						
1	3		4.078						
1	4		4.270						
1	5		4.551						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.550						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.981						
1	2		4.269						
1	3		4.549						
1	4		5.248						
1	5		5.531						
2	6		4.949						
2	7		5.180						
2	8		5.546						
2	9		6.231						
2	10		6.611						
9 PCB-1262									
1	100		3.985						
1	2		4.274						
1	3		4.676						
1	4		5.250						
1	5		5.581						
2	6		5.183						
2	7		5.653						
2	8		5.957						
2	9		6.235						
2	10		6.611						
11 PCB-1268									
1	100		5.582						
1	2		5.619						
1	3		5.818						
1	4		6.192						
1	5		6.489						
2	6		6.610						
2	7		6.658						
2	8		6.920						
2	9		7.234						
2	10		7.575						
$ 12 DCB Decachlorobiphenyl									
1	100	6.680	6.682	-0.002	29936473	0.0293			
2	2	7.839	7.840	-0.001	87160532	0.0295			
						RPD = 0.38			

QC Flag Legend

Processing Flags
1 - Missing Peaks

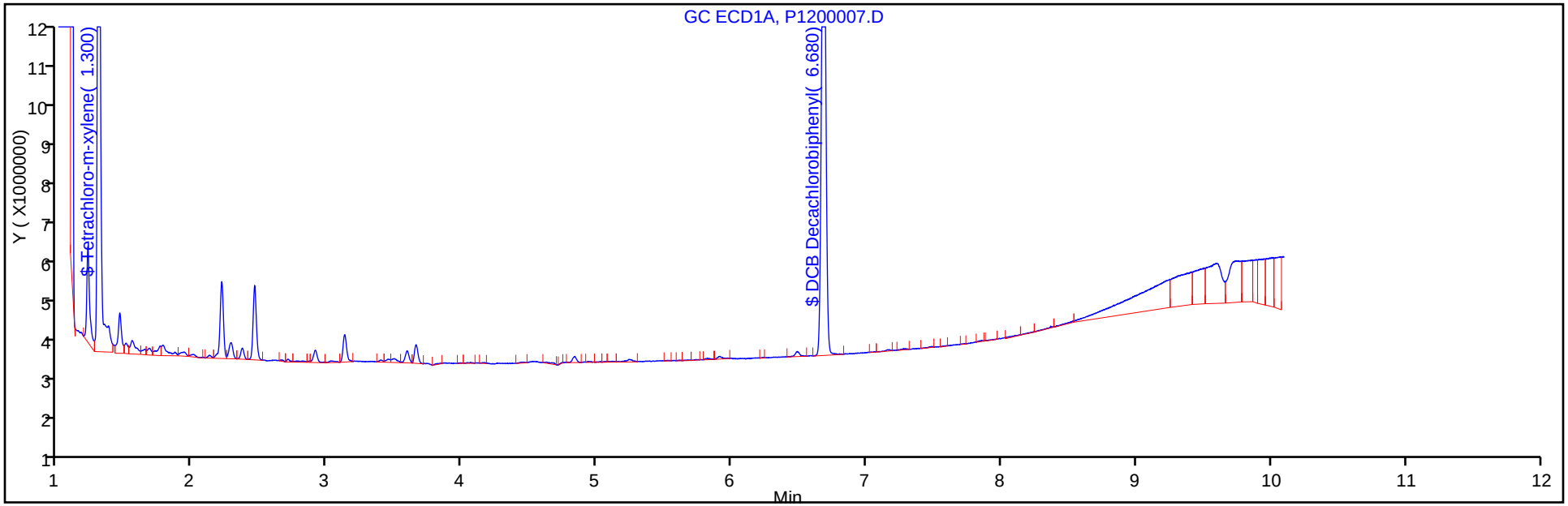
Report Date: 09-Apr-2013 14:40:07 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

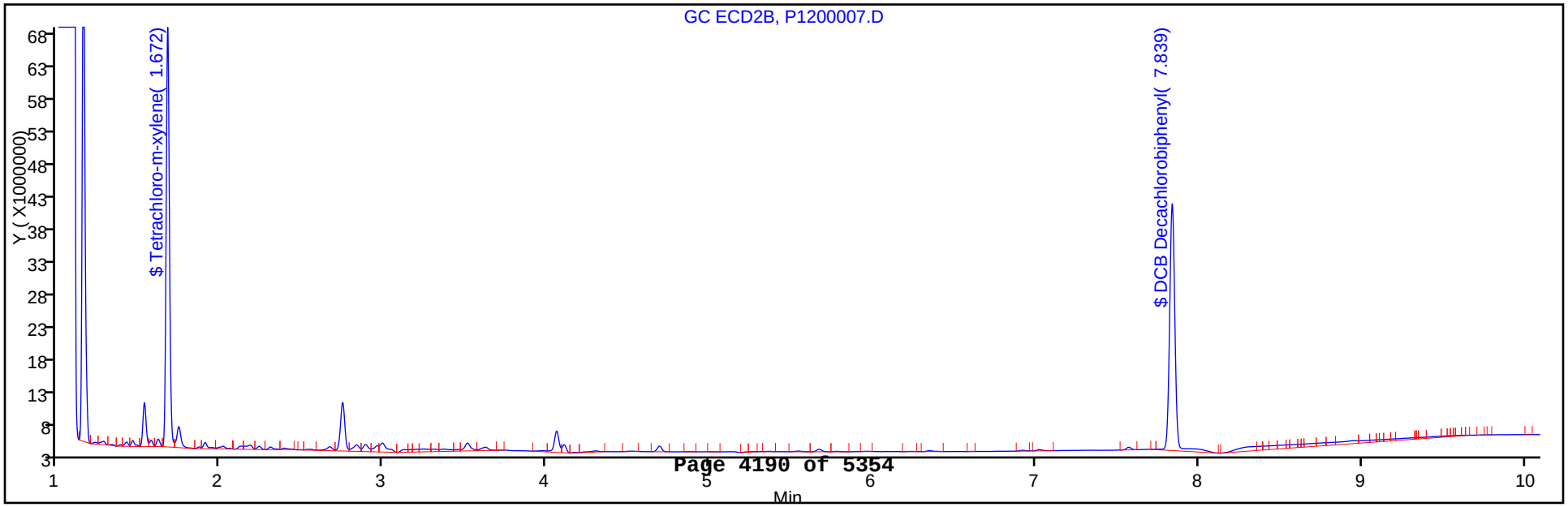
Data File: \\Ncchrom\ChromData\A2HP12\20130408-18636.b\P1200007.D

Injection Date:	08-Apr-2013 15:09:00	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80924	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22648-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-80983/17-A

Matrix: Solid | Lab File ID: P1200020.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 04/08/2013 11:10

Sample wt/vol: 30.00(g) | Date Analyzed: 04/11/2013 12:28

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 81439 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	50	25	16
12674-11-2	Aroclor-1016	25	U	65	25	21
11141-16-5	Aroclor-1232	25	U	45	25	14
53469-21-9	Aroclor-1242	25	U	40	25	13
12672-29-6	Aroclor-1248	25	U	55	25	17
11097-69-1	Aroclor-1254	25	U	55	25	17
11096-82-5	Aroclor-1260	25	U	55	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	102		40-140
2051-24-3	DCB Decachlorobiphenyl	102		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200020.D
Lims ID: MB 240-80983/17-A Client ID:
Inject. Date: 11-Apr-2013 12:28:58 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0018757-020
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 20
Lims Batch ID: 81439 Lims Sample ID: 20
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\PCB12.m
Last Update: 12-Apr-2013 08:13:43 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK025

First Level Reviewer: hassl Date: 12-Apr-2013 08:06:13

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.300	0.000	19991272	0.0204			
2	2	1.671	1.671	0.000	68234277	0.0256			
						RPD = 22.55			
3 PCB-1221									
1	2		1.435						
1	3		1.560						
1	4		1.577						
2	4		1.950						
2	5		2.082						
2	6		2.139						
6 PCB-1016									
1	100		1.578						
1	2		1.867						
1	3		2.269						
1	4		2.391						
1	5		2.776						
2	6		2.138						
2	7		2.539						
2	8		2.993						
2	9		3.131						
2	10		3.618						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.578						
1	2		1.869						
1	3		2.269						
1	4		2.392						
1	5		2.777						
2	6		2.139						
2	7		2.539						
2	8		2.995						
2	9		3.133						
2	10		3.620						
4 PCB-1232									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.778						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.134						
2	10		3.745						
7 PCB-1248									
1	86		1.867						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.796						
2	6		2.537						
2	7		2.993						
2	8		3.618						
2	9		4.062						
2	10		4.742						
8 PCB-1254									
1	100		3.407						
1	2		3.794						
1	3		4.077						
1	4		4.271						
1	5		4.552						
2	6		4.269						
2	7		4.742						
2	8		4.989						
2	9		5.347						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.984						
1	2		4.271						
1	3		4.551						
1	4		5.251						
1	5		5.532						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.232						
2	10		6.612						
9 PCB-1262									
1	100		3.985						
1	2		4.274						
1	3		4.677						
1	4		5.252						
1	5		5.582						
2	6		5.182						
2	7		5.652						
2	8		5.957						
2	9		6.234						
2	10		6.611						
11 PCB-1268									1
1	100		5.581						
1	2		5.619						
1	3		5.817						
1	4		6.192						
1	5		6.489						
2	6		6.609						
2	7		6.656						
2	8		6.918						
2	9		7.232						
2	10		7.574						
$ 12 DCB Decachlorobiphenyl									
1	100	6.685	6.685	0.000	20789988	0.0204			
2	2	7.841	7.841	0.000	51667652	0.0175			
						RPD = 15.42			

QC Flag Legend

Processing Flags
1 - Missing Peaks

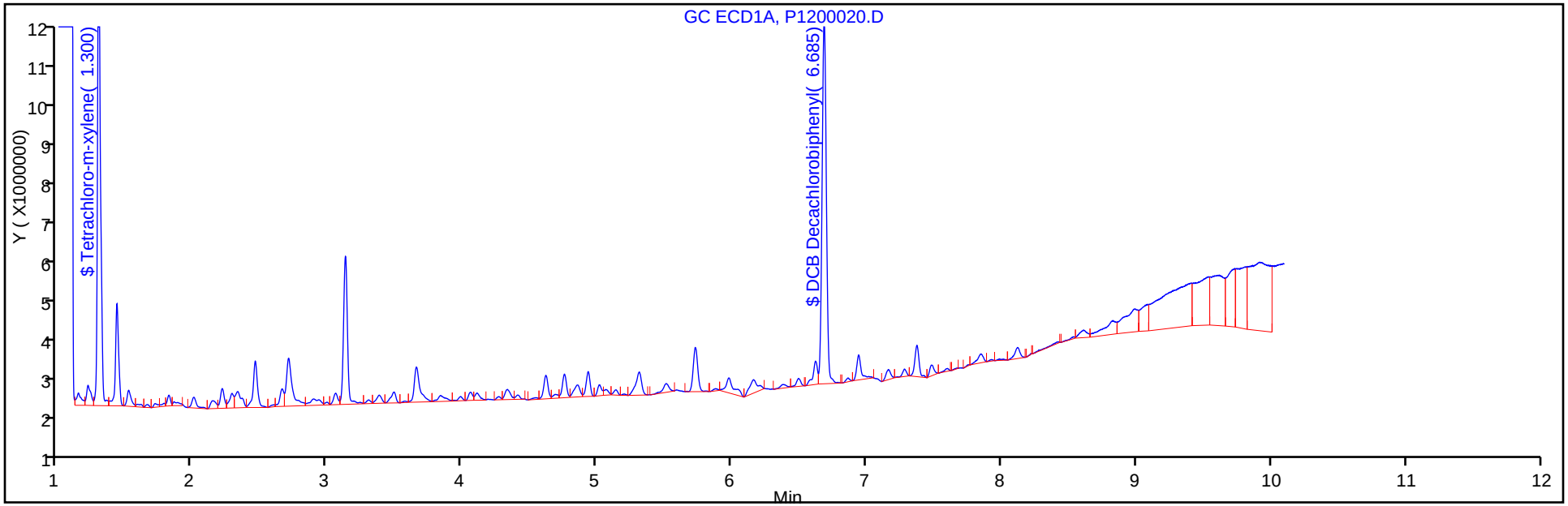
Report Date: 12-Apr-2013 08:13:51 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

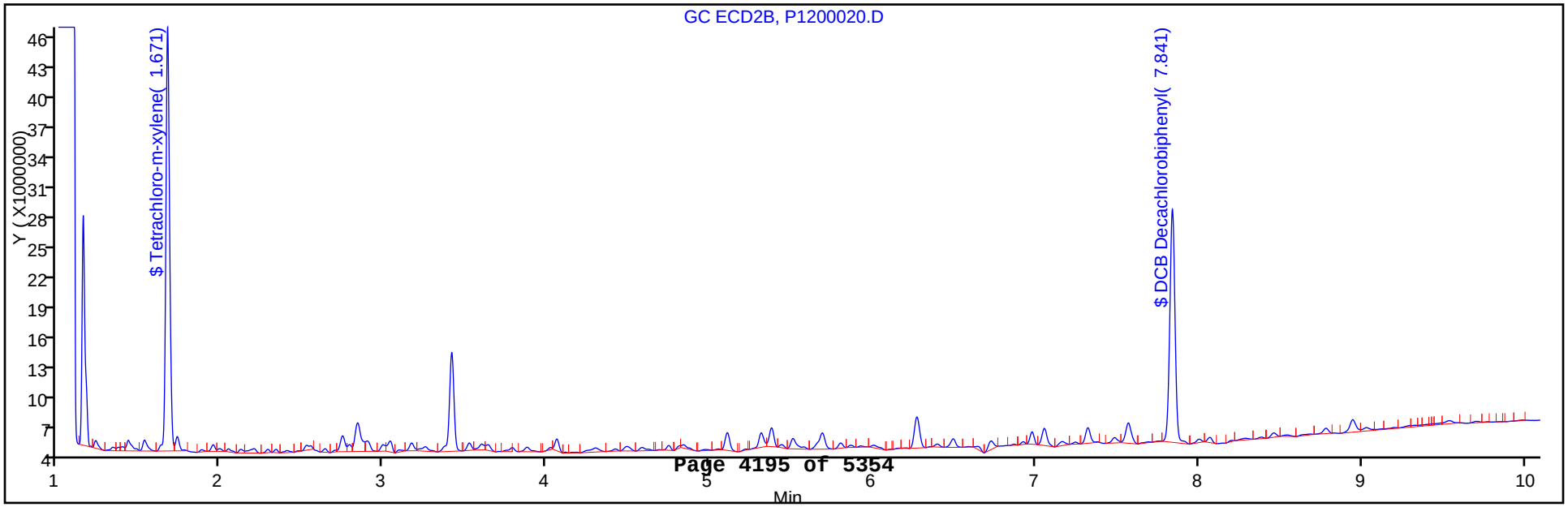
Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200020.D

Injection Date:	11-Apr-2013 12:28:58	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81439	Lims Sample ID:	20
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22648-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-80983/17-A

Matrix: Solid | Lab File ID: P1200020.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 04/08/2013 11:10

Sample wt/vol: 30.00(g) | Date Analyzed: 04/11/2013 12:28

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 81439 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	128		40-140
2051-24-3	DCB Decachlorobiphenyl	87		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200020.D
Lims ID: MB 240-80983/17-A Client ID:
Inject. Date: 11-Apr-2013 12:28:58 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0018757-020
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 20
Lims Batch ID: 81439 Lims Sample ID: 20
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\PCB12.m
Last Update: 12-Apr-2013 08:13:43 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK025

First Level Reviewer: hassl Date: 12-Apr-2013 08:06:13

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.300	0.000	19991272	0.0204			
2	2	1.671	1.671	0.000	68234277	0.0256			
						RPD = 22.55			
3 PCB-1221									
1	2		1.435						
1	3		1.560						
1	4		1.577						
2	4		1.950						
2	5		2.082						
2	6		2.139						
6 PCB-1016									
1	100		1.578						
1	2		1.867						
1	3		2.269						
1	4		2.391						
1	5		2.776						
2	6		2.138						
2	7		2.539						
2	8		2.993						
2	9		3.131						
2	10		3.618						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.578						
1	2		1.869						
1	3		2.269						
1	4		2.392						
1	5		2.777						
2	6		2.139						
2	7		2.539						
2	8		2.995						
2	9		3.133						
2	10		3.620						
4 PCB-1232									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.778						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.134						
2	10		3.745						
7 PCB-1248									
1	86		1.867						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.796						
2	6		2.537						
2	7		2.993						
2	8		3.618						
2	9		4.062						
2	10		4.742						
8 PCB-1254									
1	100		3.407						
1	2		3.794						
1	3		4.077						
1	4		4.271						
1	5		4.552						
2	6		4.269						
2	7		4.742						
2	8		4.989						
2	9		5.347						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.984						
1	2		4.271						
1	3		4.551						
1	4		5.251						
1	5		5.532						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.232						
2	10		6.612						
9 PCB-1262									
1	100		3.985						
1	2		4.274						
1	3		4.677						
1	4		5.252						
1	5		5.582						
2	6		5.182						
2	7		5.652						
2	8		5.957						
2	9		6.234						
2	10		6.611						
11 PCB-1268									1
1	100		5.581						
1	2		5.619						
1	3		5.817						
1	4		6.192						
1	5		6.489						
2	6		6.609						
2	7		6.656						
2	8		6.918						
2	9		7.232						
2	10		7.574						
$ 12 DCB Decachlorobiphenyl									
1	100	6.685	6.685	0.000	20789988	0.0204			
2	2	7.841	7.841	0.000	51667652	0.0175			
						RPD = 15.42			

QC Flag Legend

Processing Flags
1 - Missing Peaks

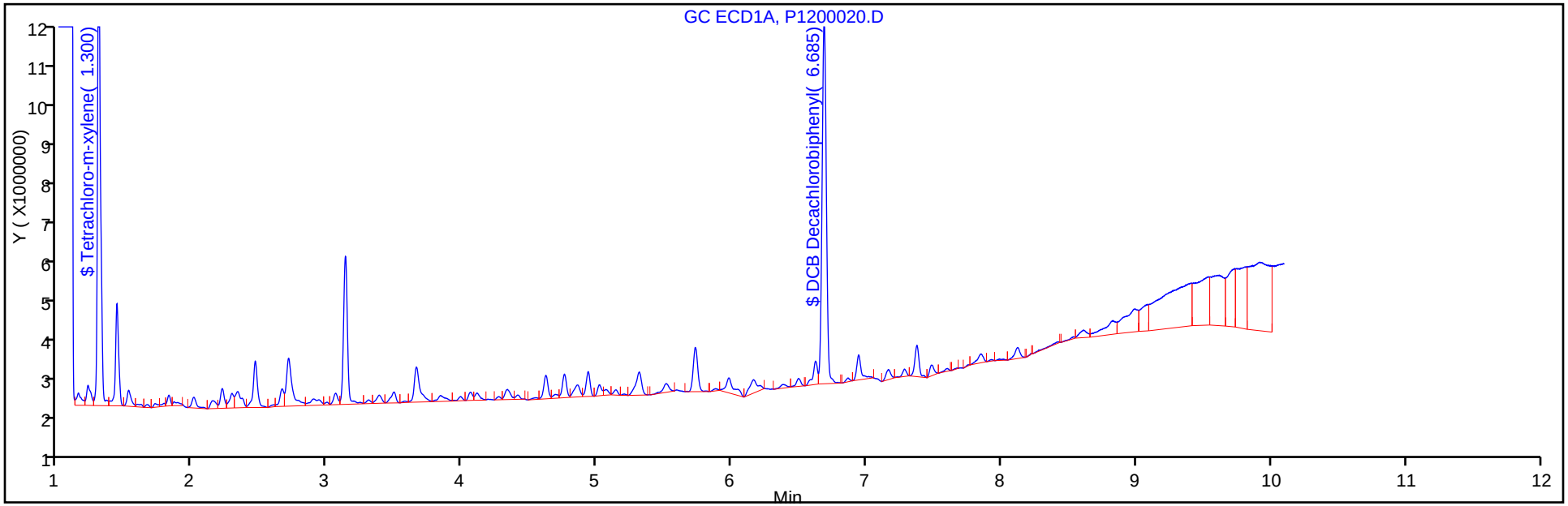
Report Date: 12-Apr-2013 08:13:51 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

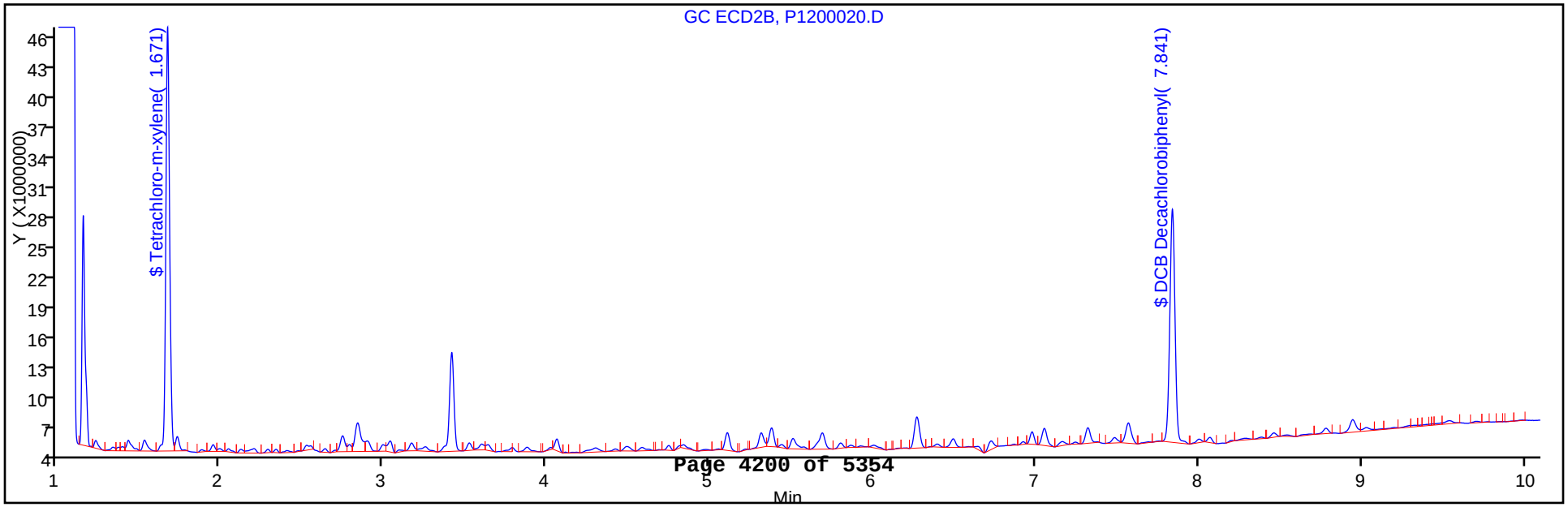
Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200020.D

Injection Date:	11-Apr-2013 12:28:58	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81439	Lims Sample ID:	20
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22648-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-81544/23-A

Matrix: Solid | Lab File ID: P1200020.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 04/11/2013 11:52

Sample wt/vol: 30.00(g) | Date Analyzed: 04/15/2013 14:07

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 81867 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	82		40-140
2051-24-3	DCB Decachlorobiphenyl	84		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200020.D
Lims ID: MB 240-81544/23-A Client ID:
Inject. Date: 15-Apr-2013 14:07:41 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0018856-020
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 20
Lims Batch ID: 81867 Lims Sample ID: 20
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m
Last Update: 18-Apr-2013 09:44:44 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK014

First Level Reviewer: hassl Date: 18-Apr-2013 09:44:44

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.300	0.000	16155793	0.0165			
2	2	1.672	1.671	0.001	50504474	0.0189			
						RPD = 13.84			
3 PCB-1221									1
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.579						
1	2		1.868						
1	3		2.268						
1	4		2.391						
1	5		2.776						
2	6		2.139						
2	7		2.539						
2	8		2.994						
2	9		3.133						
2	10		3.619						
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.984						
1	2		4.272						
1	3		4.551						
1	4		5.251						
1	5		5.533						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.233						
2	10		6.611						
9 PCB-1262									
1	100		3.984						
1	2		4.274						
1	3		4.677						
1	4		5.250						
1	5		5.582						
2	6		5.184						
2	7		5.652						
2	8		5.957						
2	9		6.234						
2	10		6.611						
11 PCB-1268									
1	100		5.582						
1	2		5.621						
1	3		5.818						
1	4		6.193						
1	5		6.489						
2	6		6.610						
2	7		6.657						
2	8		6.919						
2	9		7.233						
2	10		7.575						
$ 12 DCB Decachlorobiphenyl									
1	100	6.684	6.685	-0.001	17081792	0.0167			
2	2	7.842	7.841	0.001	48620606	0.0164			
						RPD = 1.88			

QC Flag Legend

Processing Flags
1 - Missing Peaks

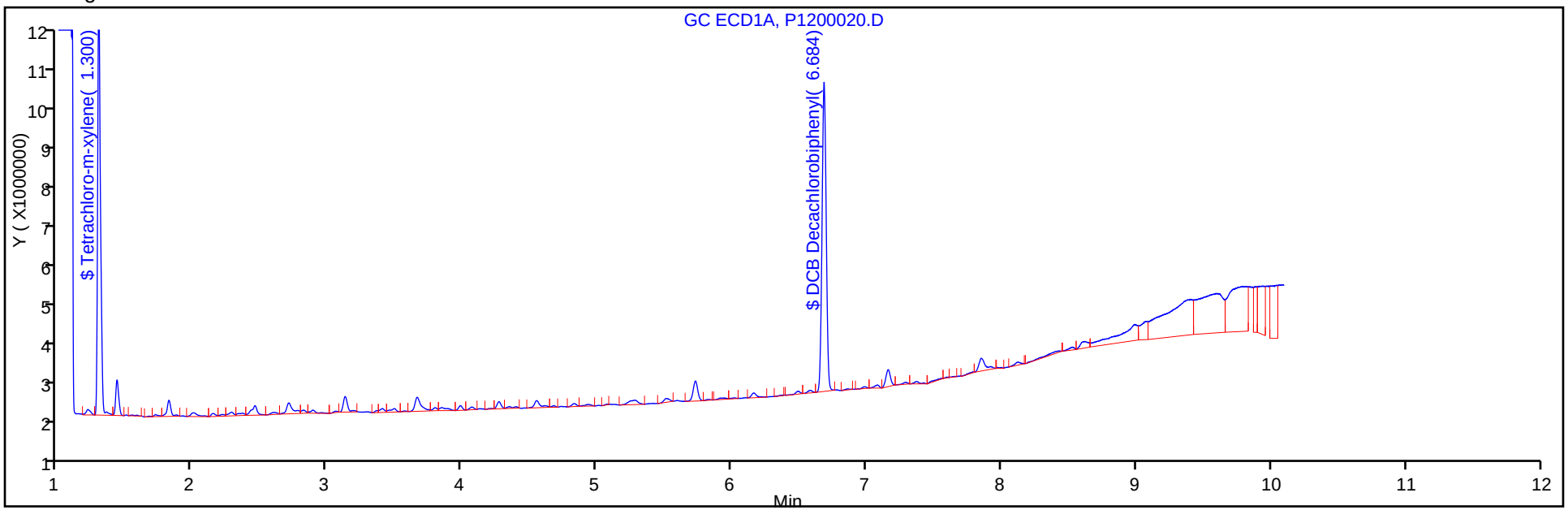
Report Date: 18-Apr-2013 09:44:44 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

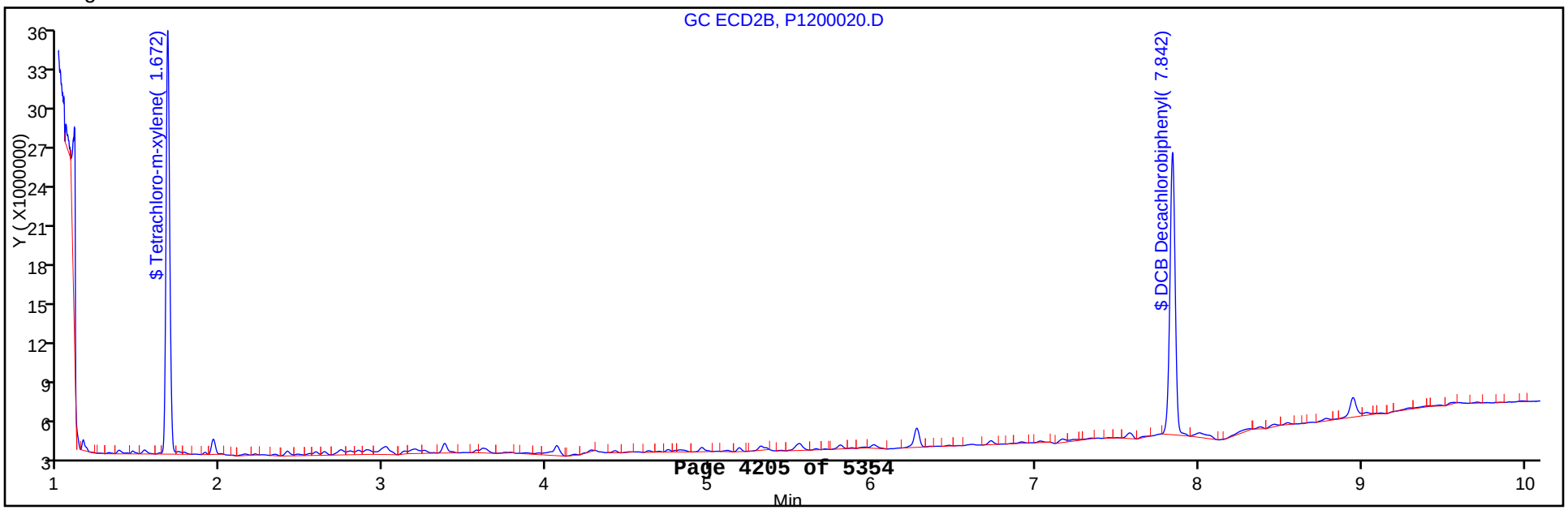
Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200020.D

Injection Date:	15-Apr-2013 14:07:41	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	20
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22648-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-81544/23-A

Matrix: Solid | Lab File ID: P1200020.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 04/11/2013 11:52

Sample wt/vol: 30.00(g) | Date Analyzed: 04/15/2013 14:07

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 81867 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	50	25	16
12674-11-2	Aroclor-1016	25	U	65	25	21
11141-16-5	Aroclor-1232	25	U	45	25	14
53469-21-9	Aroclor-1242	25	U	40	25	13
12672-29-6	Aroclor-1248	25	U	55	25	17
11097-69-1	Aroclor-1254	25	U	55	25	17
11096-82-5	Aroclor-1260	25	U	55	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	95		40-140
2051-24-3	DCB Decachlorobiphenyl	82		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200020.D
Lims ID: MB 240-81544/23-A Client ID:
Inject. Date: 15-Apr-2013 14:07:41 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0018856-020
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 20
Lims Batch ID: 81867 Lims Sample ID: 20
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m
Last Update: 18-Apr-2013 09:44:44 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK014

First Level Reviewer: hassl Date: 18-Apr-2013 09:44:44

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.300	0.000	16155793	0.0165			
2	2	1.672	1.671	0.001	50504474	0.0189			
						RPD = 13.84			
3 PCB-1221									1
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.579						
1	2		1.868						
1	3		2.268						
1	4		2.391						
1	5		2.776						
2	6		2.139						
2	7		2.539						
2	8		2.994						
2	9		3.133						
2	10		3.619						
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.984						
1	2		4.272						
1	3		4.551						
1	4		5.251						
1	5		5.533						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.233						
2	10		6.611						
9 PCB-1262									
1	100		3.984						
1	2		4.274						
1	3		4.677						
1	4		5.250						
1	5		5.582						
2	6		5.184						
2	7		5.652						
2	8		5.957						
2	9		6.234						
2	10		6.611						
11 PCB-1268									
1	100		5.582						
1	2		5.621						
1	3		5.818						
1	4		6.193						
1	5		6.489						
2	6		6.610						
2	7		6.657						
2	8		6.919						
2	9		7.233						
2	10		7.575						
$ 12 DCB Decachlorobiphenyl									
1	100	6.684	6.685	-0.001	17081792	0.0167			
2	2	7.842	7.841	0.001	48620606	0.0164			
						RPD = 1.88			

QC Flag Legend

Processing Flags
1 - Missing Peaks

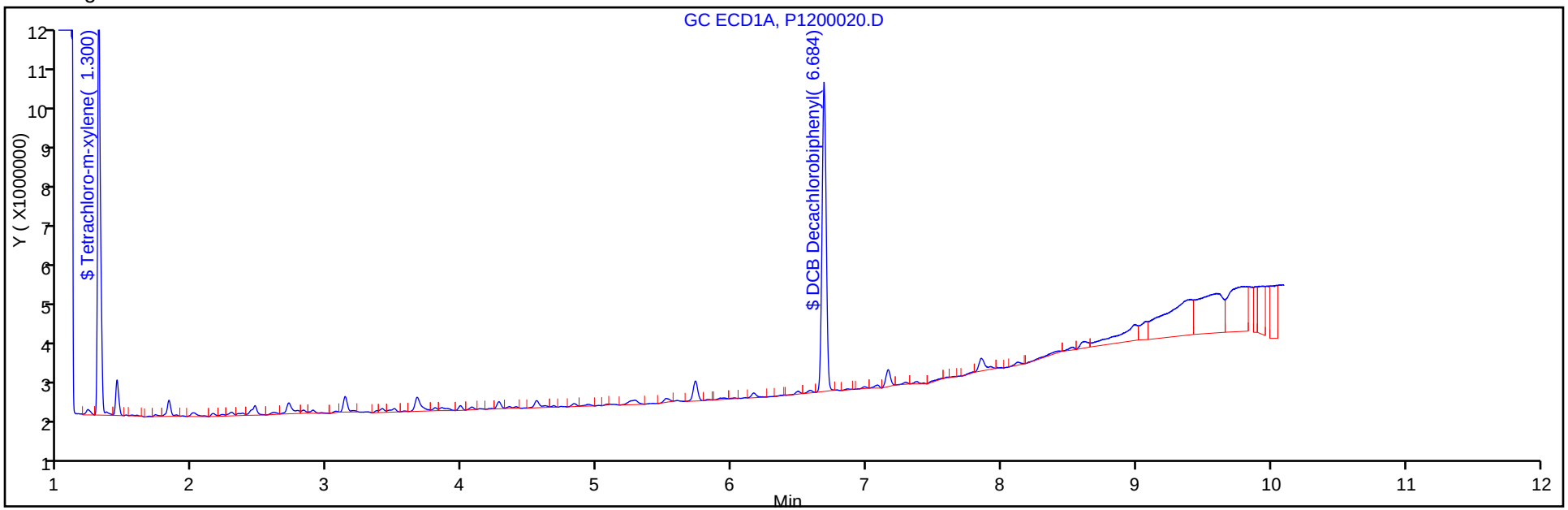
Report Date: 18-Apr-2013 09:44:44 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

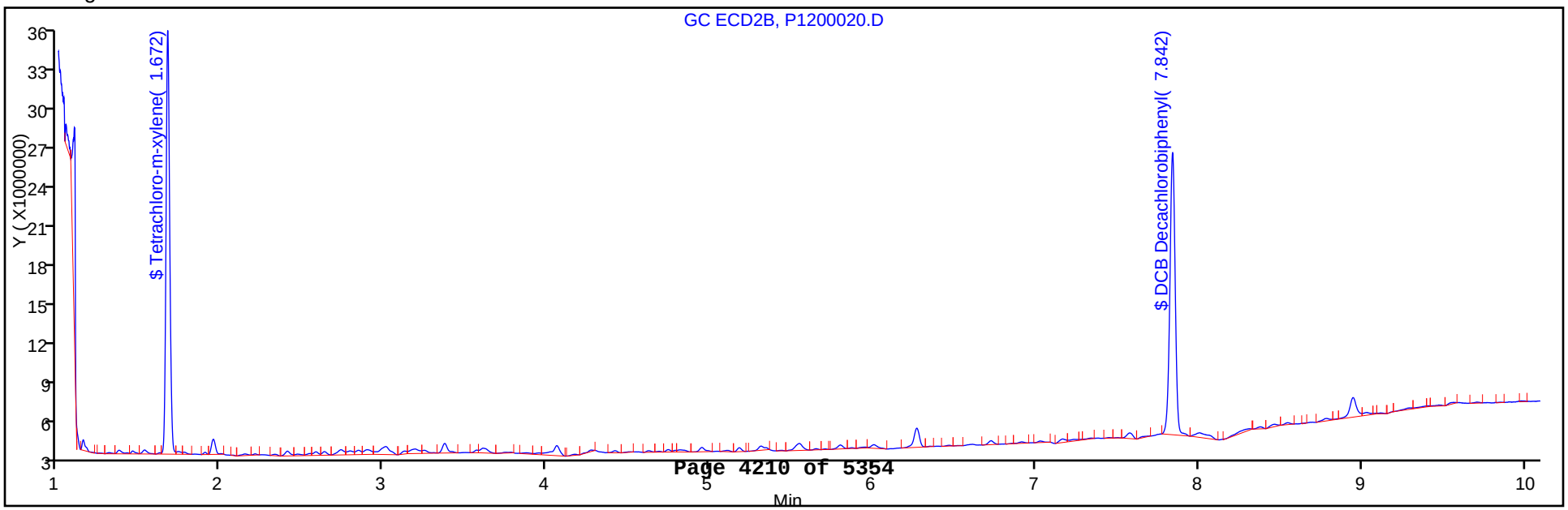
Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200020.D

Injection Date:	15-Apr-2013 14:07:41	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	20
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-82117/17-A

Matrix: Solid Lab File ID: P4000010.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: 3540C Date Extracted: 04/16/2013 10:59

Sample wt/vol: 30.00(g) Date Analyzed: 04/18/2013 18:36

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 82562 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	94		40-140
2051-24-3	DCB Decachlorobiphenyl	109		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000010.D		
Lims ID:	MB 240-82117/17-A	Client ID:	
Inject. Date:	18-Apr-2013 18:36:10	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	240-0019023-010		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	10
Lims Batch ID:	82562	Lims Sample ID:	10
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130418-19023.b\PCB4.m		
Last Update:	23-Apr-2013 06:28:23	Calib Date:	15-Apr-2013 10:24:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK014		
First Level Reviewer: hassl		Date:	23-Apr-2013 06:28:23

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.277	1.277	0.000	29917774	0.0189			
2	2	1.685	1.684	0.001	30919828	0.0196			
						RPD = 3.66			
3 PCB-1221									
1	2		1.405						
1	3		1.515						
1	4		1.544						
2	4		1.957						
2	5		2.089						
2	6		2.145						
4 PCB-1232									
1	100		1.543						
1	2		1.826						
1	3		2.217						
1	4		2.337						
1	5		2.716						
2	6		2.143						
2	7		2.538						
2	8		2.990						
2	9		3.129						
2	10		3.738						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.544						
1	2		1.826						
1	3		2.218						
1	4		2.338						
1	5		2.717						
2	6		2.143						
2	7		2.539						
2	8		2.991						
2	9		3.129						
2	10		3.738						
6 PCB-1016									
1	100		1.547						
1	2		1.828						
1	3		2.221						
1	4		2.341						
1	5		2.718						
2	6		2.146						
2	7		2.542						
2	8		2.993						
2	9		3.132						
2	10		3.235						
7 PCB-1248									
1	86		1.825						
1	2		2.216						
1	3		2.716						
1	4		3.293						
1	5		3.726						
2	6		2.538						
2	7		2.990						
2	8		3.739						
2	9		4.013						
2	10		4.735						
8 PCB-1254									
1	100		3.340						
1	2		3.727						
1	3		4.010						
1	4		4.199						
1	5		4.483						
2	6		4.260						
2	7		4.735						
2	8		4.980						
2	9		5.341						
2	10		5.543						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.917	3.916	0.001	2144251	0.0344		100.0	
1	2	4.203	4.203	0.000	4874036	0.0443	152.2- 202.2	227.3	
1	3	4.485	4.484	0.001	8900863	0.0827	146.4- 196.4	415.1	
1	4	5.184	5.183	0.001	4369810	0.0338	180.7- 230.7	203.8	
1	5	0.0	5.468	-5.468	0	0	64.1- 114.1		
			Average of Peak Amounts =			0.0488			
2	6	4.947	4.943	0.004	1384882	0.0201		100.0	
2	7	5.177	5.174	0.003	2802590	0.0351	87.6- 147.6	202.4	
2	8	5.547	5.543	0.004	8525197	0.0721	144.7- 204.7	615.6	
2	9	6.231	6.227	0.004	5690349	0.0390	187.7- 247.7	410.9	
2	10	6.611	6.608	0.003	4280256	0.0443	115.0- 175.0	309.1	
			Average of Peak Amounts =			0.0421			
						RPD = 14.58			
9 PCB-1262									
1	100		4.203						
1	2		4.605						
1	3		4.851						
1	4		5.180						
1	5		5.554						
2	6		5.173						
2	7		5.643						
2	8		5.949						
2	9		6.225						
2	10		6.605						
11 PCB-1268									
1	100		5.511						
1	2		5.550						
1	3		5.749						
1	4		6.126						
1	5		6.423						
2	6		6.601						
2	7		6.649						
2	8		6.912						
2	9		7.228						
2	10		7.570						
$ 12 DCB Decachlorobiphenyl									
1	100	6.624	6.621	0.003	29224754	0.0219			
2	2	7.846	7.843	0.003	32626064	0.0224			
						RPD = 2.31			

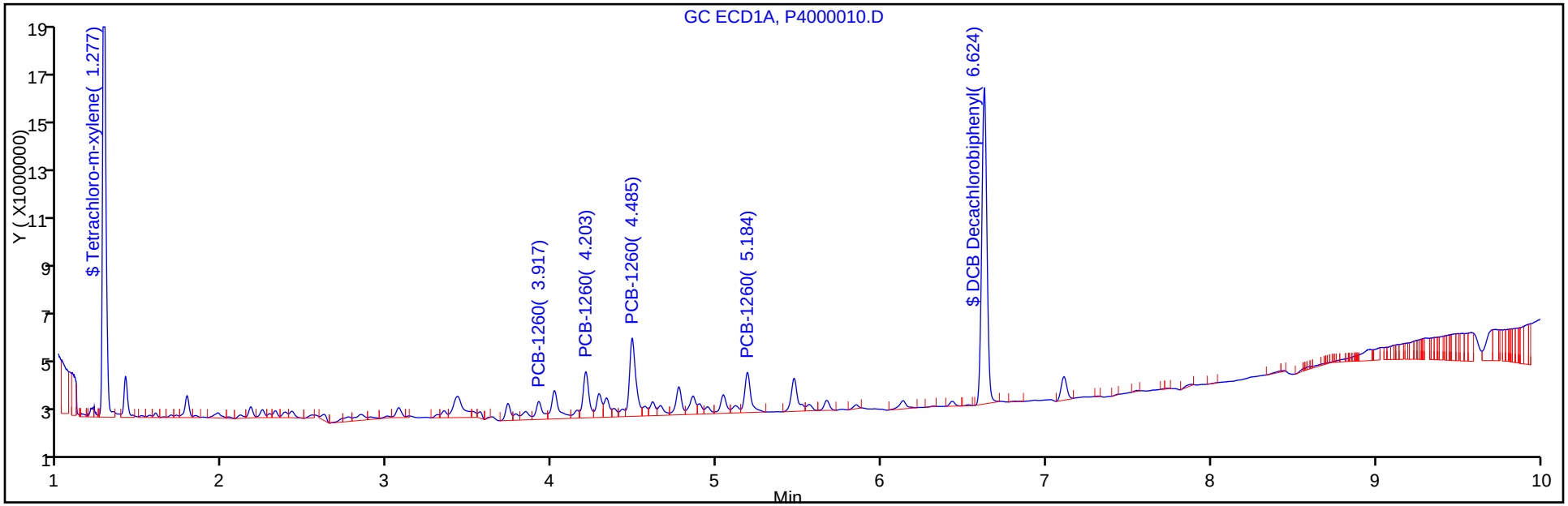
Report Date: 23-Apr-2013 06:28:24 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

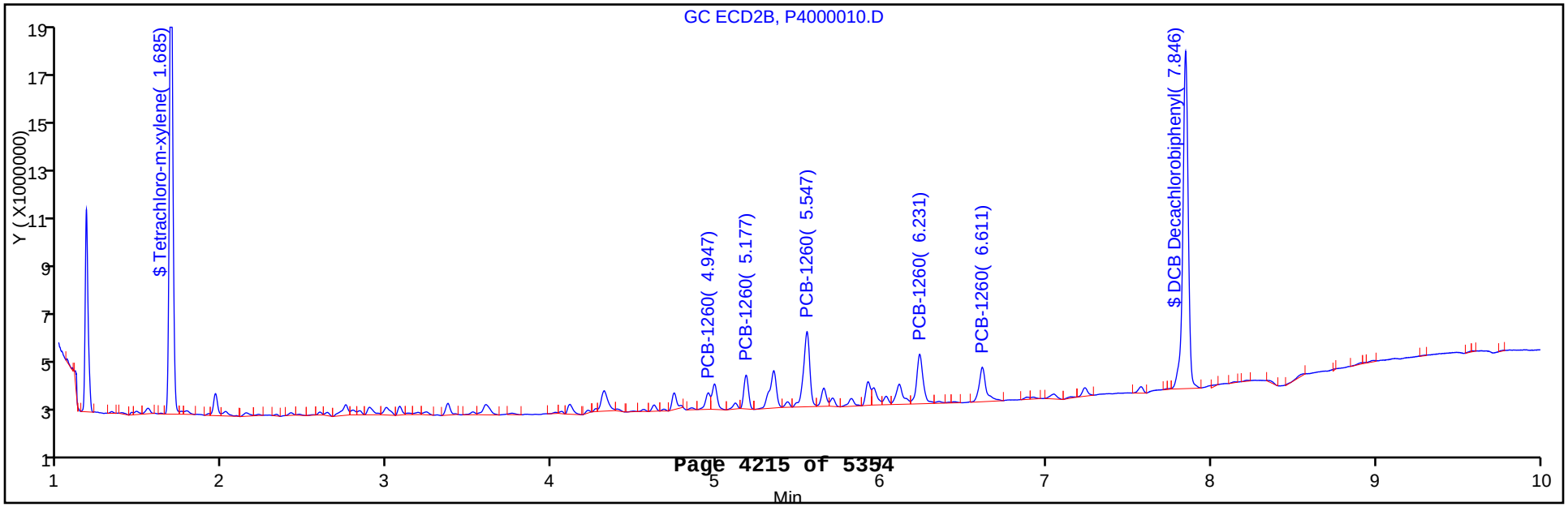
Data File: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000010.D

Injection Date:	18-Apr-2013 18:36:10	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82562	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22648-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-82117/17-A

Matrix: Solid | Lab File ID: P4000010.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 04/16/2013 10:59

Sample wt/vol: 30.00(g) | Date Analyzed: 04/18/2013 18:36

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82562 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	50	25	16
12674-11-2	Aroclor-1016	25	U	65	25	21
11141-16-5	Aroclor-1232	25	U	45	25	14
53469-21-9	Aroclor-1242	25	U	40	25	13
12672-29-6	Aroclor-1248	25	U	55	25	17
11097-69-1	Aroclor-1254	25	U	55	25	17
11096-82-5	Aroclor-1260	25	U	55	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	98		40-140
2051-24-3	DCB Decachlorobiphenyl	112		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000010.D		
Lims ID:	MB 240-82117/17-A	Client ID:	
Inject. Date:	18-Apr-2013 18:36:10	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	240-0019023-010		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	10
Lims Batch ID:	82562	Lims Sample ID:	10
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130418-19023.b\PCB4.m		
Last Update:	23-Apr-2013 06:28:23	Calib Date:	15-Apr-2013 10:24:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK014		
First Level Reviewer: hassl		Date:	23-Apr-2013 06:28:23

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.277	1.277	0.000	29917774	0.0189			
2	2	1.685	1.684	0.001	30919828	0.0196			
						RPD = 3.66			
3 PCB-1221									
1	2		1.405						
1	3		1.515						
1	4		1.544						
2	4		1.957						
2	5		2.089						
2	6		2.145						
4 PCB-1232									
1	100		1.543						
1	2		1.826						
1	3		2.217						
1	4		2.337						
1	5		2.716						
2	6		2.143						
2	7		2.538						
2	8		2.990						
2	9		3.129						
2	10		3.738						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.544						
1	2		1.826						
1	3		2.218						
1	4		2.338						
1	5		2.717						
2	6		2.143						
2	7		2.539						
2	8		2.991						
2	9		3.129						
2	10		3.738						
6 PCB-1016									
1	100		1.547						
1	2		1.828						
1	3		2.221						
1	4		2.341						
1	5		2.718						
2	6		2.146						
2	7		2.542						
2	8		2.993						
2	9		3.132						
2	10		3.235						
7 PCB-1248									
1	86		1.825						
1	2		2.216						
1	3		2.716						
1	4		3.293						
1	5		3.726						
2	6		2.538						
2	7		2.990						
2	8		3.739						
2	9		4.013						
2	10		4.735						
8 PCB-1254									
1	100		3.340						
1	2		3.727						
1	3		4.010						
1	4		4.199						
1	5		4.483						
2	6		4.260						
2	7		4.735						
2	8		4.980						
2	9		5.341						
2	10		5.543						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.917	3.916	0.001	2144251	0.0344		100.0	
1	2	4.203	4.203	0.000	4874036	0.0443	152.2- 202.2	227.3	
1	3	4.485	4.484	0.001	8900863	0.0827	146.4- 196.4	415.1	
1	4	5.184	5.183	0.001	4369810	0.0338	180.7- 230.7	203.8	
1	5	0.0	5.468	-5.468	0	0	64.1- 114.1		
			Average of Peak Amounts =			0.0488			
2	6	4.947	4.943	0.004	1384882	0.0201		100.0	
2	7	5.177	5.174	0.003	2802590	0.0351	87.6- 147.6	202.4	
2	8	5.547	5.543	0.004	8525197	0.0721	144.7- 204.7	615.6	
2	9	6.231	6.227	0.004	5690349	0.0390	187.7- 247.7	410.9	
2	10	6.611	6.608	0.003	4280256	0.0443	115.0- 175.0	309.1	
			Average of Peak Amounts =			0.0421			
						RPD = 14.58			
9 PCB-1262									
1	100		4.203						
1	2		4.605						
1	3		4.851						
1	4		5.180						
1	5		5.554						
2	6		5.173						
2	7		5.643						
2	8		5.949						
2	9		6.225						
2	10		6.605						
11 PCB-1268									
1	100		5.511						
1	2		5.550						
1	3		5.749						
1	4		6.126						
1	5		6.423						
2	6		6.601						
2	7		6.649						
2	8		6.912						
2	9		7.228						
2	10		7.570						
$ 12 DCB Decachlorobiphenyl									
1	100	6.624	6.621	0.003	29224754	0.0219			
2	2	7.846	7.843	0.003	32626064	0.0224			
						RPD = 2.31			

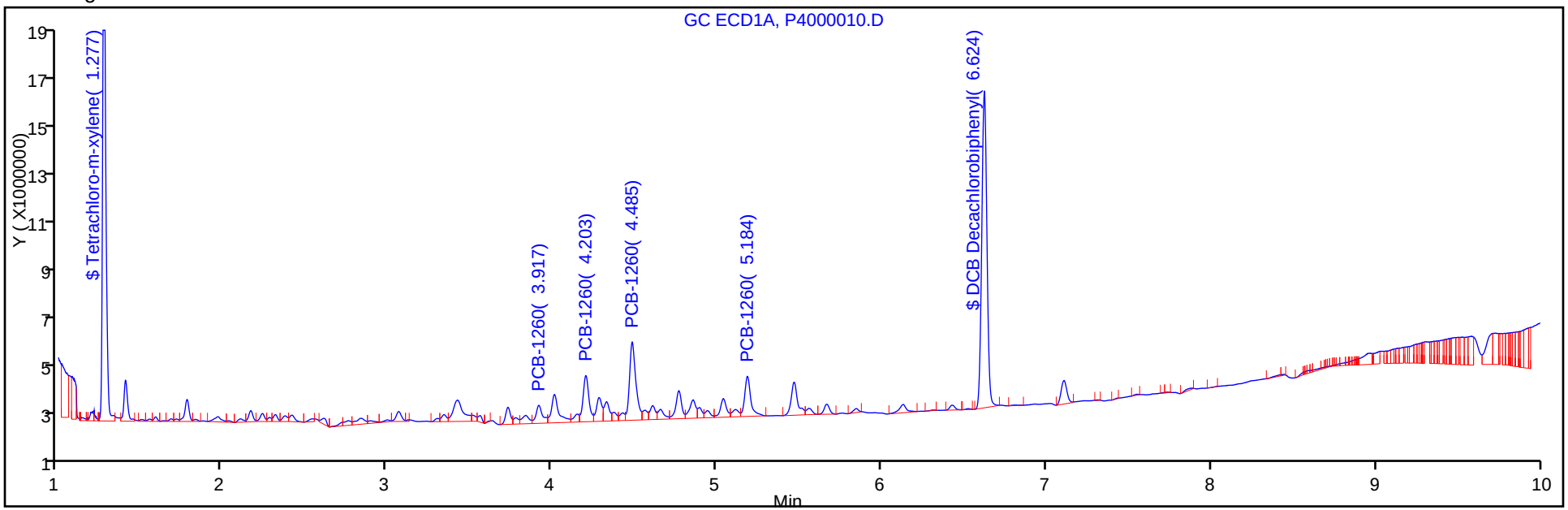
Report Date: 23-Apr-2013 06:28:24 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

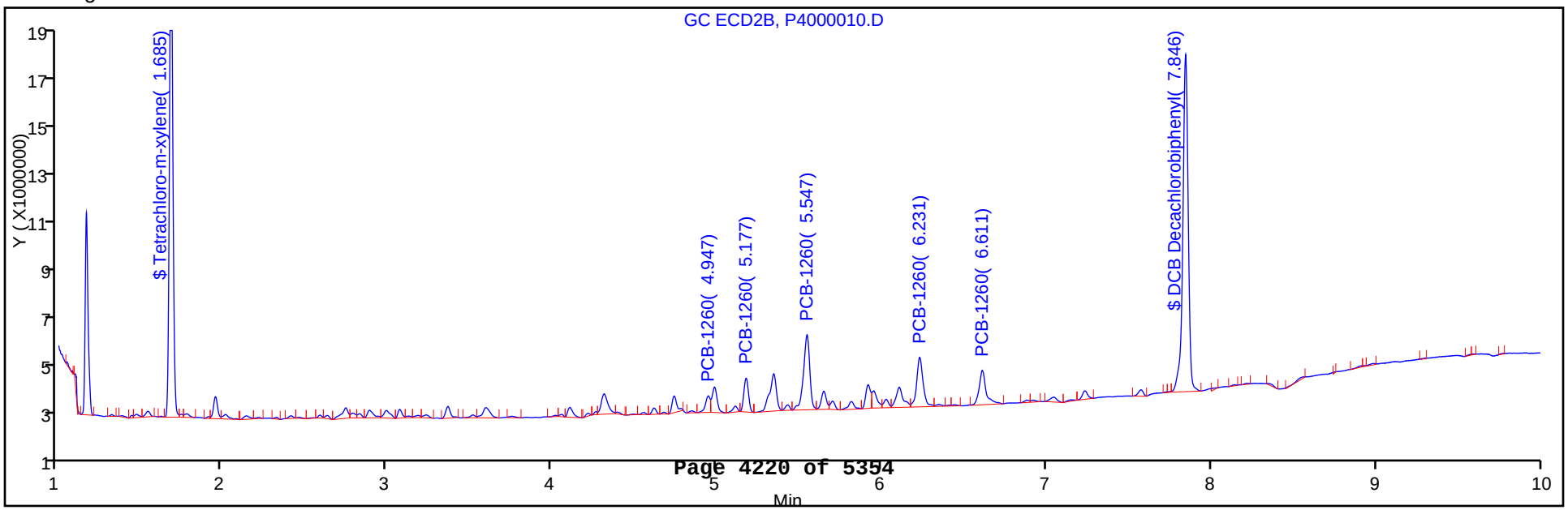
Data File: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000010.D

Injection Date:	18-Apr-2013 18:36:10	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82562	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22648-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-80548/4-A

Matrix: Water | Lab File ID: P1200008.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: 3520C | Date Extracted: 04/04/2013 09:38

Sample wt/vol: 1000(mL) | Date Analyzed: 04/08/2013 15:23

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 80924 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
12674-11-2	Aroclor-1016	4.05		0.50	0.20	0.17
11096-82-5	Aroclor-1260	4.02		0.50	0.20	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	75		40-140
2051-24-3	DCB Decachlorobiphenyl	56		40-135

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130408-18636.b\P1200008.D
Lims ID: LCS 240-80548/4-A
Client ID:
Inject. Date: 08-Apr-2013 15:23:09
Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0018636-008
Misc. Info.:
Operator:
Instrument ID: A2HP12
Injection Vol: 1.0 uL
ALS Bottle#: 8
Lims Batch ID: 80924
Lims Sample ID: 8
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130408-18636.b\PCB12.m
Last Update: 09-Apr-2013 14:40:01
Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK030

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.301	1.297	0.004	29536372	0.0301			
2	2	1.673	1.670	0.003	83871189	0.0314			
						RPD = 4.25			
6 PCB-1016									
1	100	1.578	1.575	0.003	12411507	0.7668		100.0	
1	2	1.868	1.865	0.003	24418726	0.8119	165.5- 215.5	196.7	
1	3	2.267	2.266	0.001	54363346	0.8497	356.7- 406.7	438.0	
1	4	2.390	2.387	0.003	22842542	0.8454	144.0- 194.0	184.0	
1	5	2.775	2.772	0.003	22009788	0.7790	153.1- 203.1	177.3	
			Average of Peak Amounts =			0.8106			
2	6	2.140	2.136	0.004	35700550	0.7881		100.0	
2	7	2.539	2.537	0.002	73673794	0.8420	165.6- 225.6	206.4	
2	8	2.994	2.991	0.003	166998286	0.9181	366.1- 426.1	467.8	
2	9	3.133	3.131	0.002	64151096	0.8099	144.6- 204.6	179.7	
2	10	3.619	3.617	0.002	49401122	0.7498	112.9- 172.9	138.4	
			Average of Peak Amounts =			0.8216			
						RPD = 1.35			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.982	3.981	0.001	34140758	0.7831		100.0	
1	2	4.270	4.269	0.001	68214054	0.7921	172.1- 222.1	199.8	
1	3	4.550	4.549	0.001	68752772	0.8142	168.4- 218.4	201.4	
1	4	5.248	5.248	0.000	97472306	0.8238	244.3- 294.3	285.5	
1	5	5.530	5.531	-0.001	45271438	0.8066	104.3- 154.3	132.6	
			Average of Peak Amounts =			0.8039			
2	6	4.951	4.949	0.002	106048391	0.8166		100.0	
2	7	5.182	5.180	0.002	116445333	0.8016	80.1- 140.1	109.8	
2	8	5.548	5.546	0.002	192160172	0.8313	146.6- 206.6	181.2	
2	9	6.232	6.231	0.001	223556303	0.8318	174.1- 234.1	210.8	
2	10	6.611	6.611	0.000	162767492	0.8133	121.8- 181.8	153.5	
			Average of Peak Amounts =			0.8189			
						RPD = 1.84			
$ 12 DCB Decachlorobiphenyl									
1	100	6.682	6.682	0.000	22735671	0.0223			
2	2	7.840	7.840	0.000	63007000	0.0213			
						RPD = 4.55			

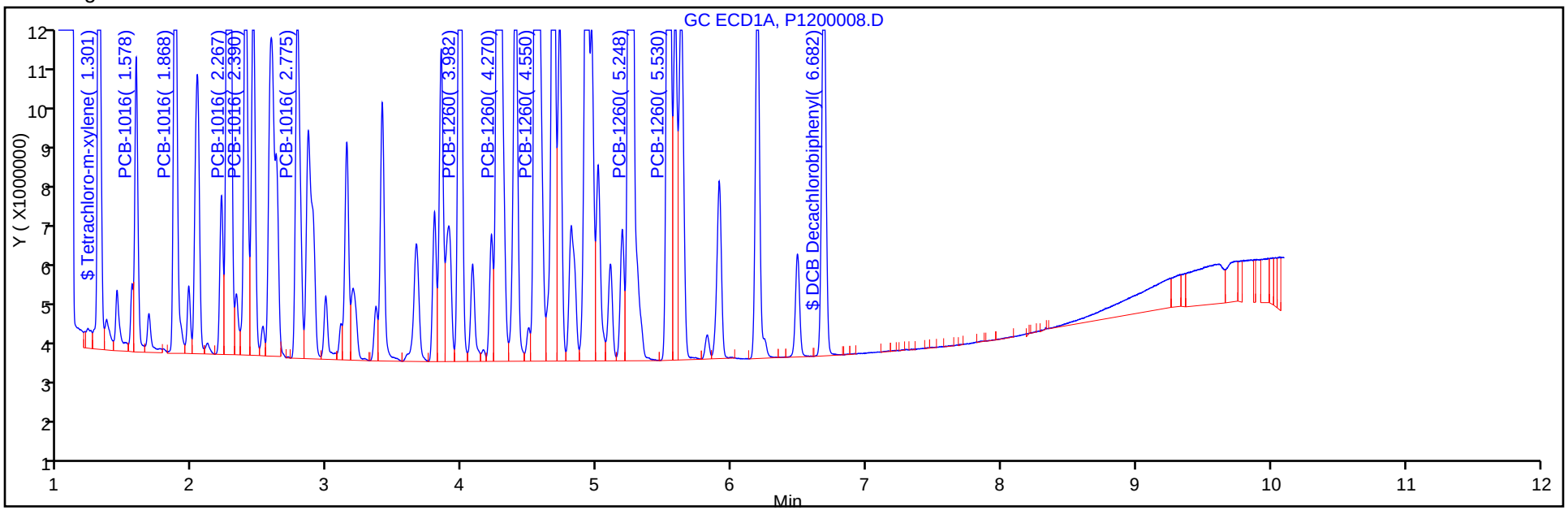
Report Date: 09-Apr-2013 14:40:08 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

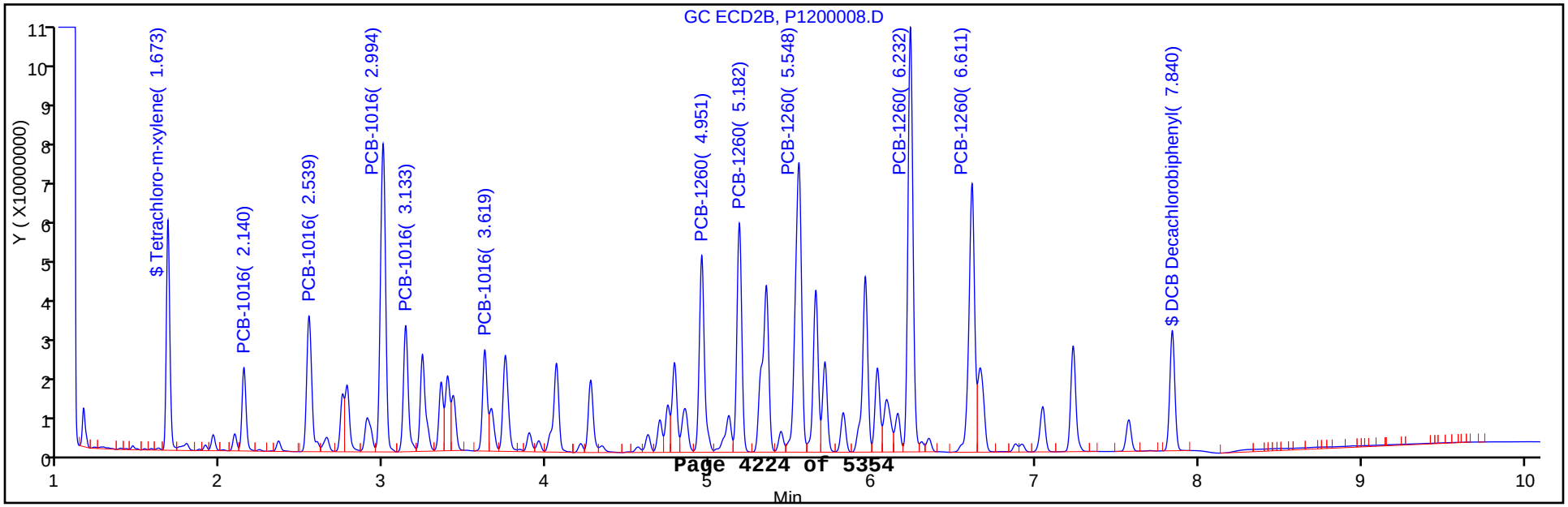
Data File: \\Ncchrom\ChromData\A2HP12\20130408-18636.b\P1200008.D

Injection Date:	08-Apr-2013 15:23:09	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80924	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22648-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-80548/4-A

Matrix: Water | Lab File ID: P1200008.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: 3520C | Date Extracted: 04/04/2013 09:38

Sample wt/vol: 1000(mL) | Date Analyzed: 04/08/2013 15:23

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 80924 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	79		40-140
2051-24-3	DCB Decachlorobiphenyl	53		40-135

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130408-18636.b\P1200008.D
Lims ID: LCS 240-80548/4-A
Client ID:
Inject. Date: 08-Apr-2013 15:23:09
Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0018636-008
Misc. Info.:
Operator:
Instrument ID: A2HP12
Injection Vol: 1.0 uL
ALS Bottle#: 8
Lims Batch ID: 80924
Lims Sample ID: 8
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130408-18636.b\PCB12.m
Last Update: 09-Apr-2013 14:40:01
Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK030

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.301	1.297	0.004	29536372	0.0301			
2	2	1.673	1.670	0.003	83871189	0.0314			
						RPD = 4.25			
6 PCB-1016									
1	100	1.578	1.575	0.003	12411507	0.7668		100.0	
1	2	1.868	1.865	0.003	24418726	0.8119	165.5- 215.5	196.7	
1	3	2.267	2.266	0.001	54363346	0.8497	356.7- 406.7	438.0	
1	4	2.390	2.387	0.003	22842542	0.8454	144.0- 194.0	184.0	
1	5	2.775	2.772	0.003	22009788	0.7790	153.1- 203.1	177.3	
			Average of Peak Amounts =			0.8106			
2	6	2.140	2.136	0.004	35700550	0.7881		100.0	
2	7	2.539	2.537	0.002	73673794	0.8420	165.6- 225.6	206.4	
2	8	2.994	2.991	0.003	166998286	0.9181	366.1- 426.1	467.8	
2	9	3.133	3.131	0.002	64151096	0.8099	144.6- 204.6	179.7	
2	10	3.619	3.617	0.002	49401122	0.7498	112.9- 172.9	138.4	
			Average of Peak Amounts =			0.8216			
						RPD = 1.35			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.982	3.981	0.001	34140758	0.7831		100.0	
1	2	4.270	4.269	0.001	68214054	0.7921	172.1- 222.1	199.8	
1	3	4.550	4.549	0.001	68752772	0.8142	168.4- 218.4	201.4	
1	4	5.248	5.248	0.000	97472306	0.8238	244.3- 294.3	285.5	
1	5	5.530	5.531	-0.001	45271438	0.8066	104.3- 154.3	132.6	
			Average of Peak Amounts =			0.8039			
2	6	4.951	4.949	0.002	106048391	0.8166		100.0	
2	7	5.182	5.180	0.002	116445333	0.8016	80.1- 140.1	109.8	
2	8	5.548	5.546	0.002	192160172	0.8313	146.6- 206.6	181.2	
2	9	6.232	6.231	0.001	223556303	0.8318	174.1- 234.1	210.8	
2	10	6.611	6.611	0.000	162767492	0.8133	121.8- 181.8	153.5	
			Average of Peak Amounts =			0.8189			
						RPD = 1.84			
$ 12 DCB Decachlorobiphenyl									
1	100	6.682	6.682	0.000	22735671	0.0223			
2	2	7.840	7.840	0.000	63007000	0.0213			
						RPD = 4.55			

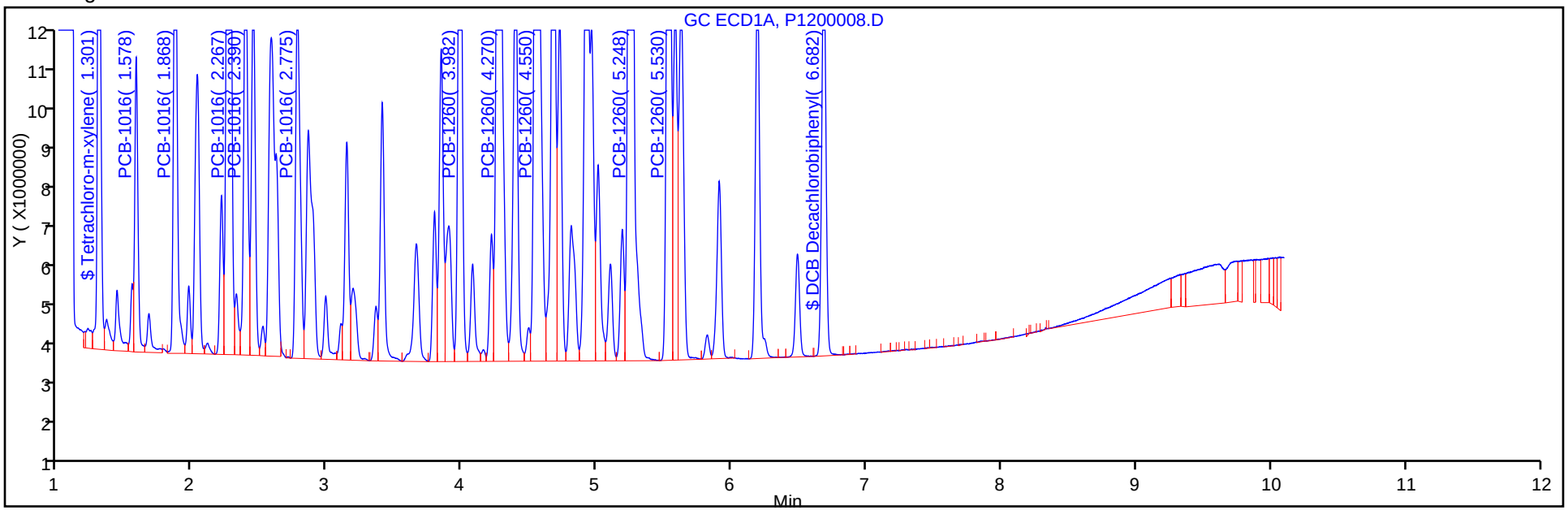
Report Date: 09-Apr-2013 14:40:08 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

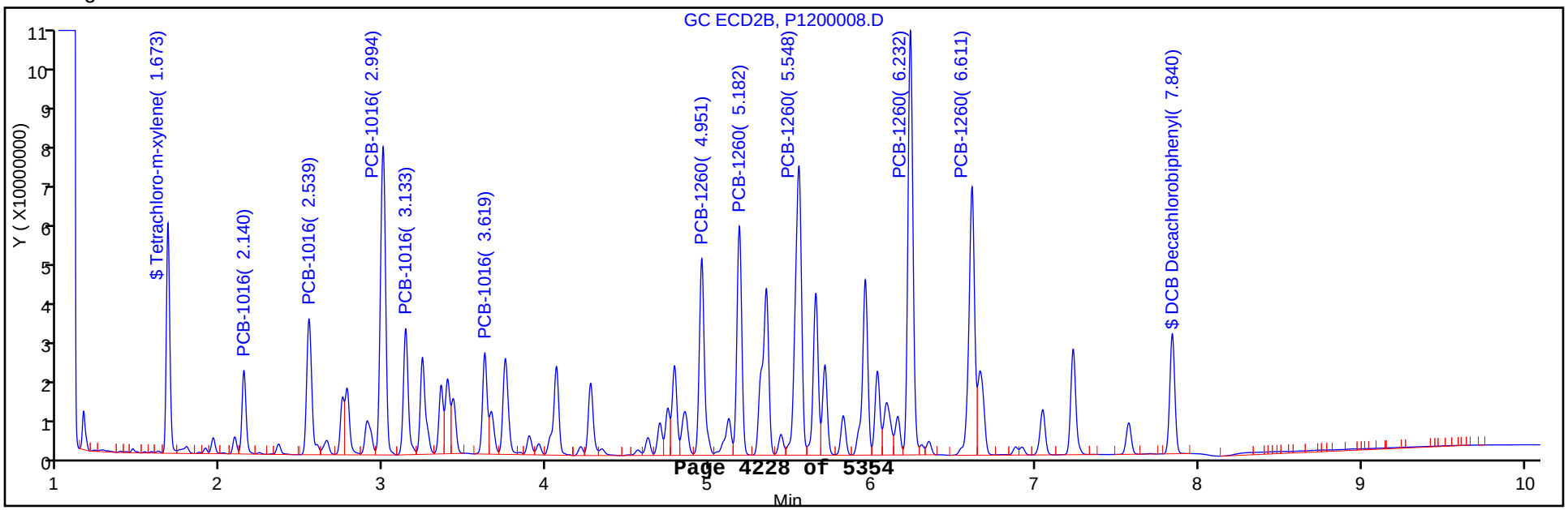
Data File: \\Ncchrom\ChromData\A2HP12\20130408-18636.b\P1200008.D

Injection Date:	08-Apr-2013 15:23:09	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80924	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22648-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-80983/18-A

Matrix: Solid | Lab File ID: P1200029.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 04/08/2013 11:10

Sample wt/vol: 30.00(g) | Date Analyzed: 04/11/2013 14:40

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 81439 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
12674-11-2	Aroclor-1016	227		65	25	21
11096-82-5	Aroclor-1260	206		55	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	66		40-140
2051-24-3	DCB Decachlorobiphenyl	62		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200029.D
Lims ID: LCS 240-80983/18-A Client ID:
Inject. Date: 11-Apr-2013 14:40:28 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0018757-029
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 29
Lims Batch ID: 81439 Lims Sample ID: 29
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\PCB12.m
Last Update: 12-Apr-2013 08:13:51 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK025

First Level Reviewer: hassl Date: 12-Apr-2013 08:11:55

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.298	1.300	-0.002	12915882	0.0132			
2	2	1.671	1.672	-0.001	42225527	0.0158			
						RPD = 18.29			
6 PCB-1016									M
1	100	1.577	1.578	-0.001	10267849	0.6344		100.0	M
1	2	1.867	1.868	-0.001	20293677	0.6748	165.5- 215.5	197.6	
1	3	2.268	2.268	0.000	45361251	0.7090	356.7- 406.7	441.8	
1	4	2.389	2.391	-0.002	19609615	0.7257	144.0- 194.0	191.0	
1	5	2.774	2.776	-0.002	18587993	0.6579	153.1- 203.1	181.0	
			Average of Peak Amounts =			0.6803			
2	6	2.139	2.138	0.001	27796917	0.6136		100.0	
2	7	2.539	2.538	0.001	58555694	0.6692	165.6- 225.6	210.7	
2	8	2.994	2.993	0.001	131841725	0.7248	366.1- 426.1	474.3	
2	9	3.133	3.133	0.000	50874557	0.6423	144.6- 204.6	183.0	
2	10	3.619	3.619	0.000	40071976	0.6082	112.9- 172.9	144.2	
			Average of Peak Amounts =			0.6516			
						RPD = 4.31			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.983	3.984	-0.001	26458379	0.6069		100.0	
1	2	4.270	4.272	-0.002	52929429	0.6146	172.1- 222.1	200.0	
1	3	4.550	4.550	0.000	52449979	0.6211	168.4- 218.4	198.2	
1	4	5.250	5.251	-0.001	75463949	0.6378	244.3- 294.3	285.2	
1	5	5.533	5.533	0.000	34350424	0.6120	104.3- 154.3	129.8	
			Average of Peak Amounts =			0.6185			
2	6	4.952	4.951	0.001	81633918	0.6286		100.0	
2	7	5.182	5.183	-0.001	92804447	0.6389	80.1- 140.1	113.7	
2	8	5.548	5.548	0.000	148587586	0.6428	146.6- 206.6	182.0	
2	9	6.233	6.233	0.000	179132050	0.6665	174.1- 234.1	219.4	
2	10	6.612	6.612	0.000	121901859	0.6091	121.8- 181.8	149.3	
			Average of Peak Amounts =			0.6372			
						RPD = 2.98			
$ 12 DCB Decachlorobiphenyl									
1	100	6.683	6.683	0.000	12605052	0.0124			
2	2	7.841	7.842	-0.001	33472846	0.0113			
						RPD = 8.81			

QC Flag Legend

Review Flags
M - Manually Integrated

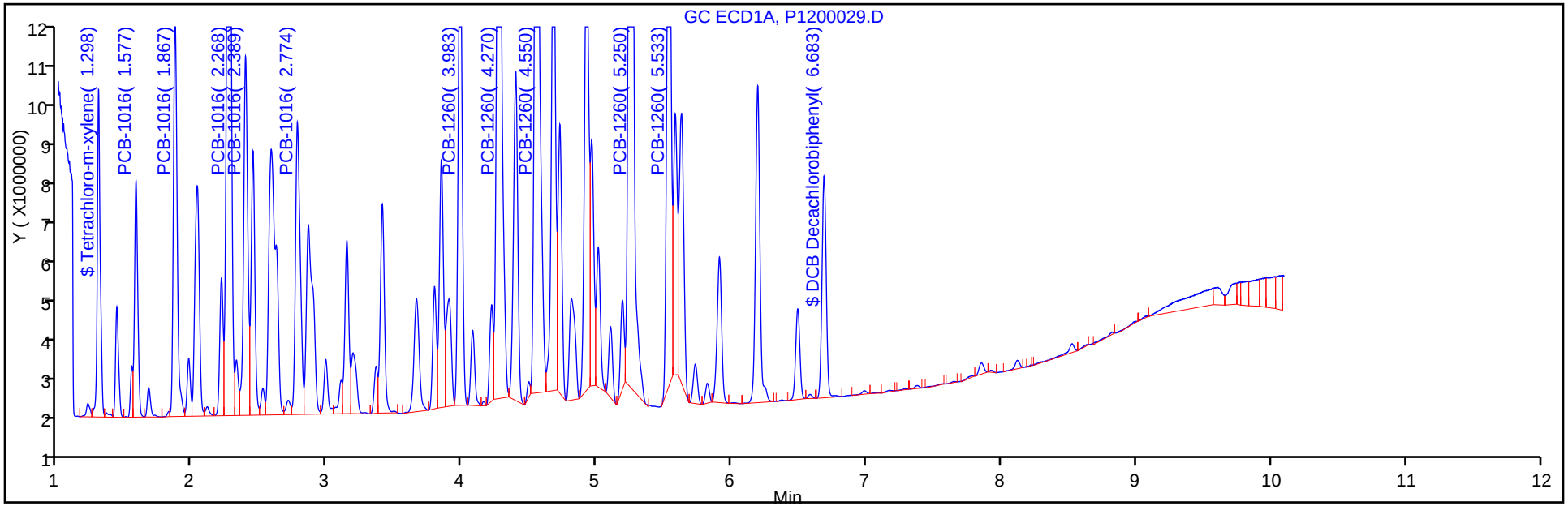
Report Date: 12-Apr-2013 08:13:59 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

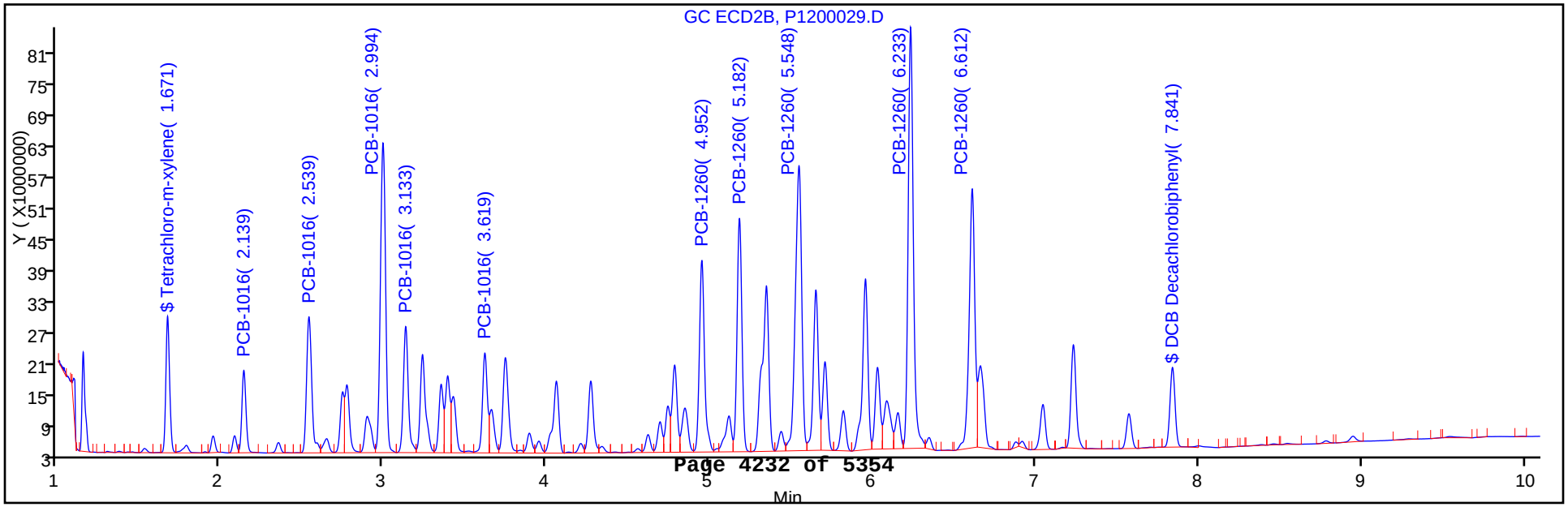
Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200029.D

Injection Date:	11-Apr-2013 14:40:28	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81439	Lims Sample ID:	29
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



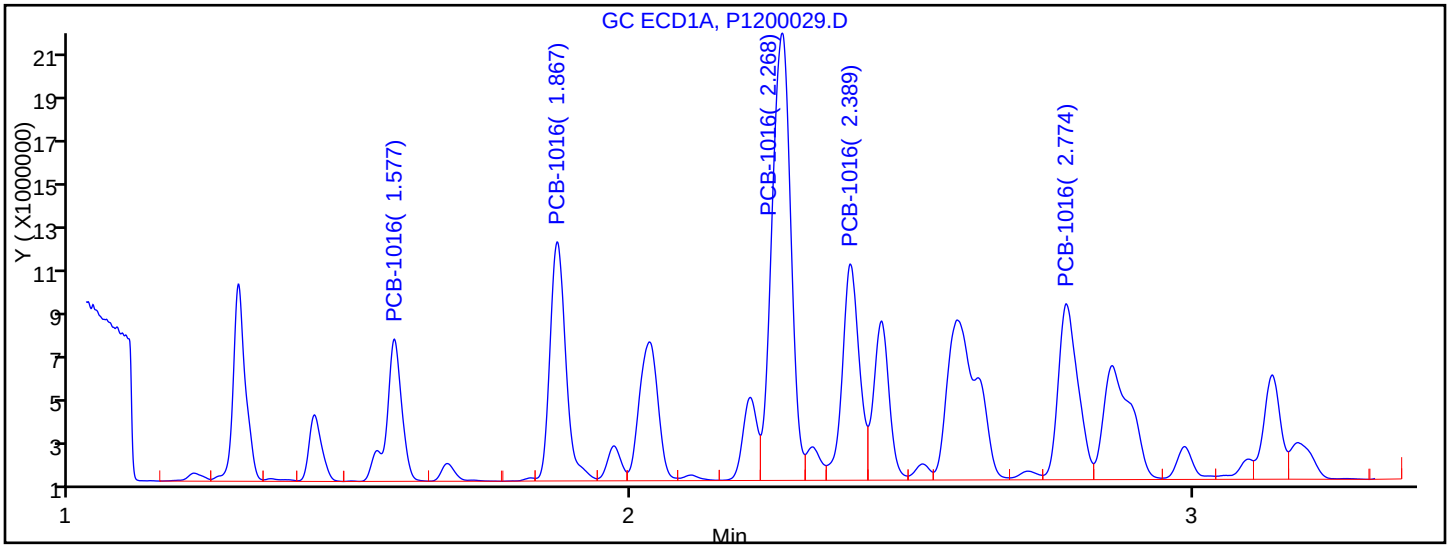
Report Date: 12-Apr-2013 08:13:59 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200029.D

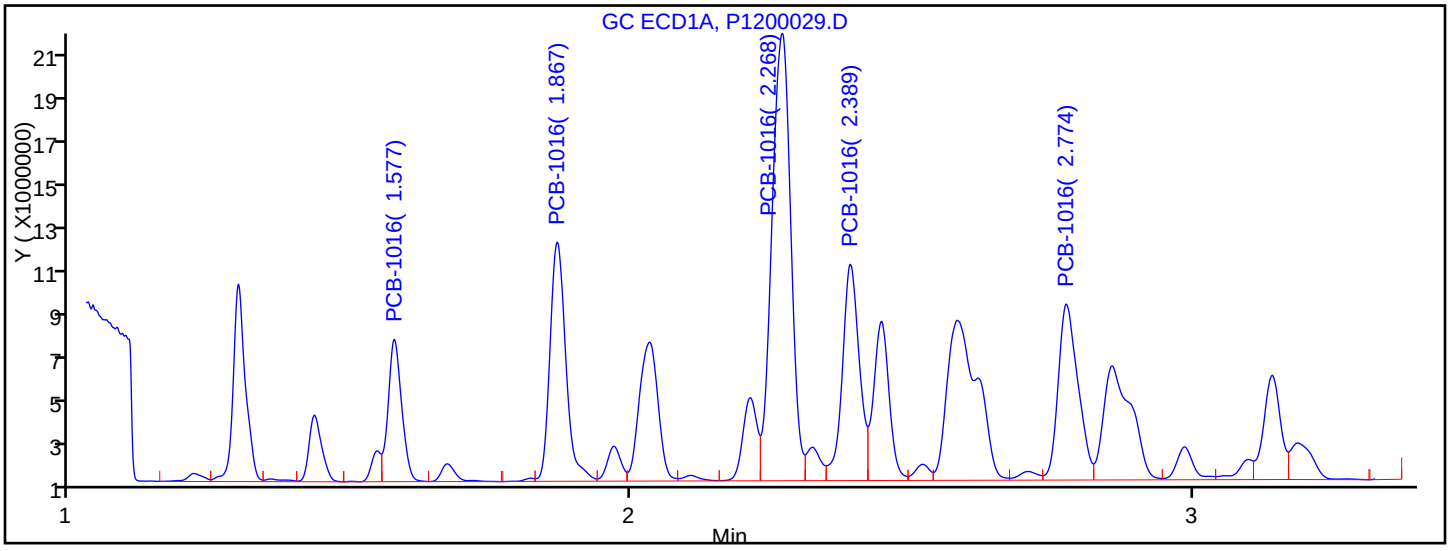
Injection Date:	11-Apr-2013 14:40:28	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81439	Lims Sample ID:	29
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.577	Response = 11837369	M
RT = 1.867	Response = 20293677	
RT = 2.268	Response = 45361251	
RT = 2.389	Response = 19609615	
RT = 2.774	Response = 18587993	



Manual Integration Results

RT = 1.577	Response = 10267849	M
RT = 1.867	Response = 20293677	
RT = 2.268	Response = 45361251	
RT = 2.389	Response = 19609615	
RT = 2.774	Response = 18587993	

Reviewer: hassl, 12-Apr-2013 08:11:55

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22648-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-80983/18-A

Matrix: Solid | Lab File ID: P1200029.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 04/08/2013 11:10

Sample wt/vol: 30.00(g) | Date Analyzed: 04/11/2013 14:40

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 81439 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	79		40-140
2051-24-3	DCB Decachlorobiphenyl	57	Q	60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200029.D
Lims ID: LCS 240-80983/18-A Client ID:
Inject. Date: 11-Apr-2013 14:40:28 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0018757-029
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 29
Lims Batch ID: 81439 Lims Sample ID: 29
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\PCB12.m
Last Update: 12-Apr-2013 08:13:51 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK025

First Level Reviewer: hassl Date: 12-Apr-2013 08:11:55

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.298	1.300	-0.002	12915882	0.0132			
2	2	1.671	1.672	-0.001	42225527	0.0158			
						RPD = 18.29			
6 PCB-1016									M
1	100	1.577	1.578	-0.001	10267849	0.6344		100.0	M
1	2	1.867	1.868	-0.001	20293677	0.6748	165.5- 215.5	197.6	
1	3	2.268	2.268	0.000	45361251	0.7090	356.7- 406.7	441.8	
1	4	2.389	2.391	-0.002	19609615	0.7257	144.0- 194.0	191.0	
1	5	2.774	2.776	-0.002	18587993	0.6579	153.1- 203.1	181.0	
			Average of Peak Amounts =			0.6803			
2	6	2.139	2.138	0.001	27796917	0.6136		100.0	
2	7	2.539	2.538	0.001	58555694	0.6692	165.6- 225.6	210.7	
2	8	2.994	2.993	0.001	131841725	0.7248	366.1- 426.1	474.3	
2	9	3.133	3.133	0.000	50874557	0.6423	144.6- 204.6	183.0	
2	10	3.619	3.619	0.000	40071976	0.6082	112.9- 172.9	144.2	
			Average of Peak Amounts =			0.6516			
						RPD = 4.31			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.983	3.984	-0.001	26458379	0.6069		100.0	
1	2	4.270	4.272	-0.002	52929429	0.6146	172.1- 222.1	200.0	
1	3	4.550	4.550	0.000	52449979	0.6211	168.4- 218.4	198.2	
1	4	5.250	5.251	-0.001	75463949	0.6378	244.3- 294.3	285.2	
1	5	5.533	5.533	0.000	34350424	0.6120	104.3- 154.3	129.8	
			Average of Peak Amounts =			0.6185			
2	6	4.952	4.951	0.001	81633918	0.6286		100.0	
2	7	5.182	5.183	-0.001	92804447	0.6389	80.1- 140.1	113.7	
2	8	5.548	5.548	0.000	148587586	0.6428	146.6- 206.6	182.0	
2	9	6.233	6.233	0.000	179132050	0.6665	174.1- 234.1	219.4	
2	10	6.612	6.612	0.000	121901859	0.6091	121.8- 181.8	149.3	
			Average of Peak Amounts =			0.6372			
						RPD = 2.98			
$ 12 DCB Decachlorobiphenyl									
1	100	6.683	6.683	0.000	12605052	0.0124			
2	2	7.841	7.842	-0.001	33472846	0.0113			
						RPD = 8.81			

QC Flag Legend

Review Flags
M - Manually Integrated

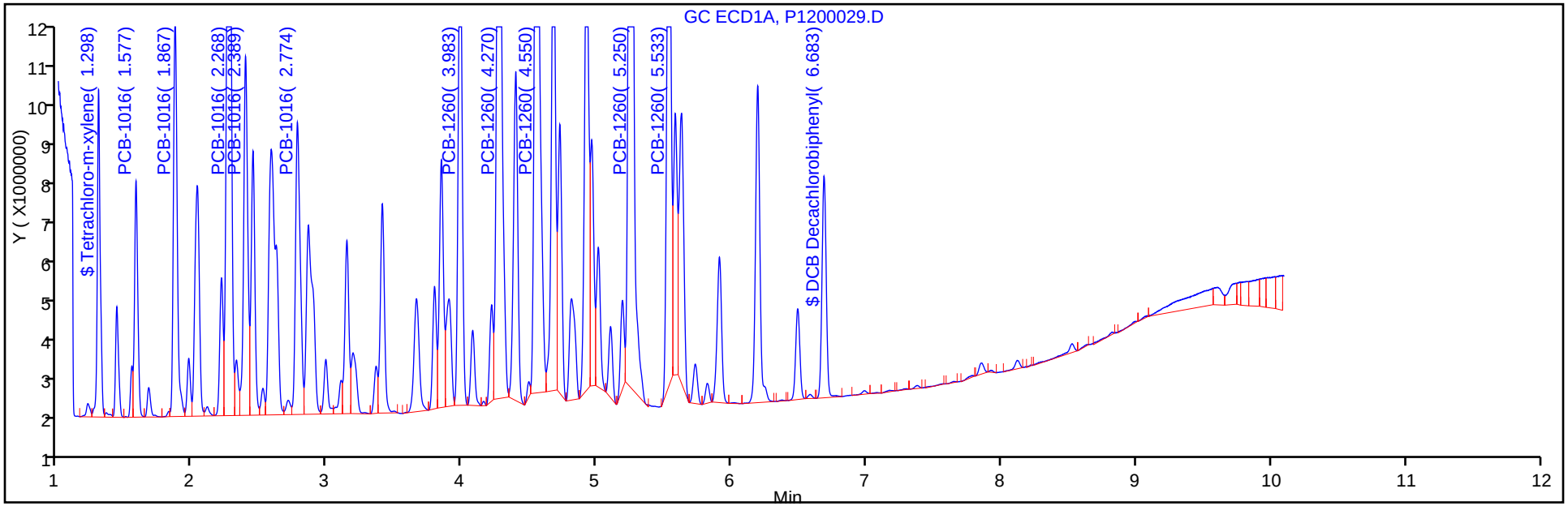
Report Date: 12-Apr-2013 08:13:59 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

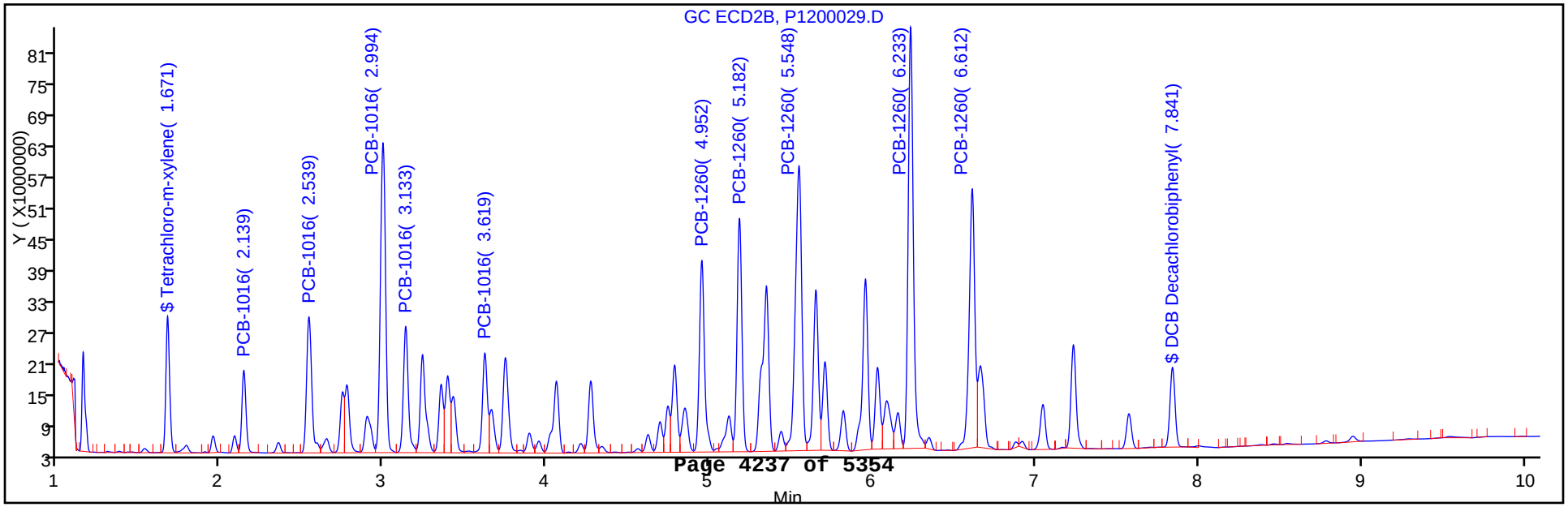
Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200029.D

Injection Date:	11-Apr-2013 14:40:28	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81439	Lims Sample ID:	29
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22648-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-81544/24-A

Matrix: Solid | Lab File ID: P1200031.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 04/11/2013 11:52

Sample wt/vol: 30.00(g) | Date Analyzed: 04/15/2013 16:47

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 81867 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	68		40-140
2051-24-3	DCB Decachlorobiphenyl	88		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200031.D
Lims ID: LCS 240-81544/24-A Client ID:
Inject. Date: 15-Apr-2013 16:47:24 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0018856-031
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 31
Lims Batch ID: 81867 Lims Sample ID: 31
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m
Last Update: 16-Apr-2013 09:18:09 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK021

First Level Reviewer: hassl Date: 16-Apr-2013 09:12:26

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.301	1.301	0.000	13397673	0.0137			
2	2	1.673	1.673	0.000	59999128	0.0225			
						RPD = 48.80			
6 PCB-1016									M
1	100	1.580	1.580	0.000	14292724	0.8830		100.0	
1	2	1.870	1.870	0.000	24560527	0.8166	165.5- 215.5	171.8	
1	3	2.272	2.270	0.002	63057915	0.9855	356.7- 406.7	441.2	M
1	4	2.393	2.393	0.000	26329796	0.9744	144.0- 194.0	184.2	M
1	5	2.778	2.777	0.001	24594086	0.8705	153.1- 203.1	172.1	M
			Average of Peak Amounts =			0.9060			
2	6	2.141	2.141	0.000	33535118	0.7403		100.0	
2	7	2.540	2.541	-0.001	73202465	0.8367	165.6- 225.6	218.3	
2	8	2.995	2.996	-0.001	176496206	0.9703	366.1- 426.1	526.3	
2	9	3.135	3.134	0.001	67476841	0.8519	144.6- 204.6	201.2	
2	10	3.620	3.620	0.000	54653263	0.8295	112.9- 172.9	163.0	
			Average of Peak Amounts =			0.8457			
						RPD = 6.88			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									M
1	100	3.985	3.985	0.000	37950604	0.8705		100.0	M
1	2	4.272	4.272	0.000	77928410	0.9049	172.1- 222.1	205.3	M
1	3	4.552	4.551	0.001	79160698	0.9374	168.4- 218.4	208.6	M
1	4	5.251	5.251	0.000	113355030	0.9580	244.3- 294.3	298.7	M
1	5	5.533	5.534	-0.001	52382341	0.9333	104.3- 154.3	138.0	M
			Average of Peak Amounts =			0.9208			
2	6	4.952	4.951	0.001	116630035	0.8981		100.0	
2	7	5.184	5.182	0.002	132015124	0.9088	80.1- 140.1	113.2	
2	8	5.549	5.548	0.001	216064311	0.9348	146.6- 206.6	185.3	
2	9	6.233	6.234	-0.001	264211948	0.9831	174.1- 234.1	226.5	
2	10	6.612	6.612	0.000	184346614	0.9211	121.8- 181.8	158.1	
			Average of Peak Amounts =			0.9292			
						RPD = 0.90			
$ 12 DCB Decachlorobiphenyl									
1	100	6.685	6.684	0.001	17865132	0.0175			
2	2	7.842	7.842	0.000	50832088	0.0172			
						RPD = 1.92			

QC Flag Legend

Review Flags
M - Manually Integrated

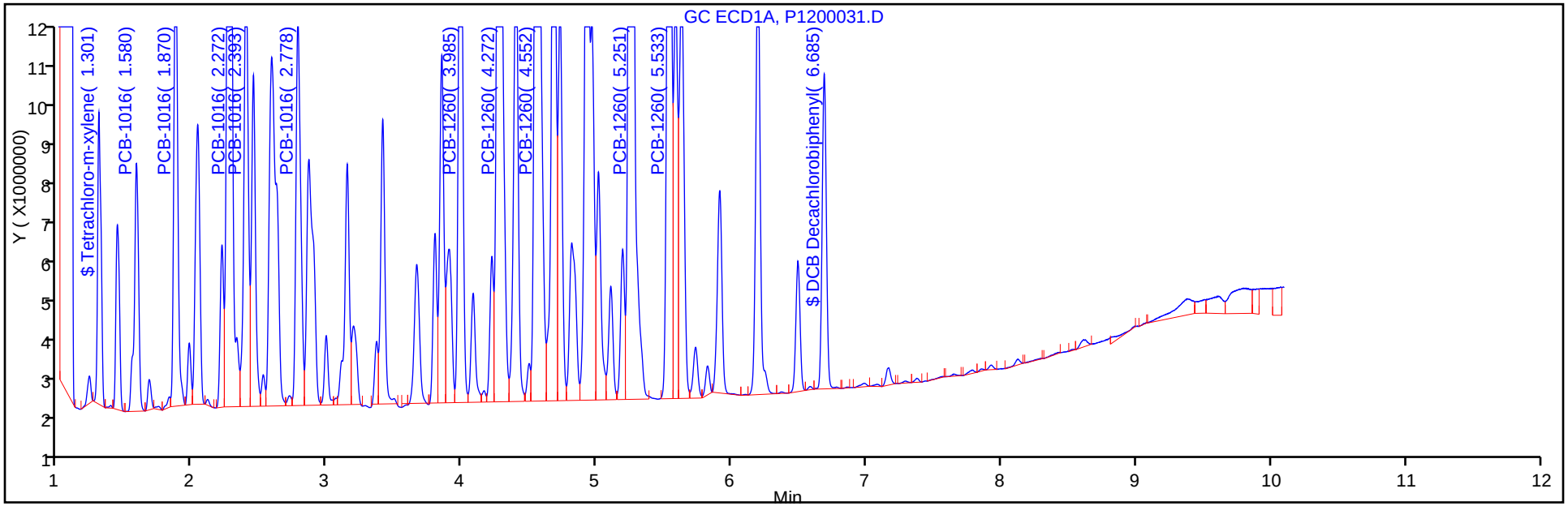
Report Date: 16-Apr-2013 09:18:18 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

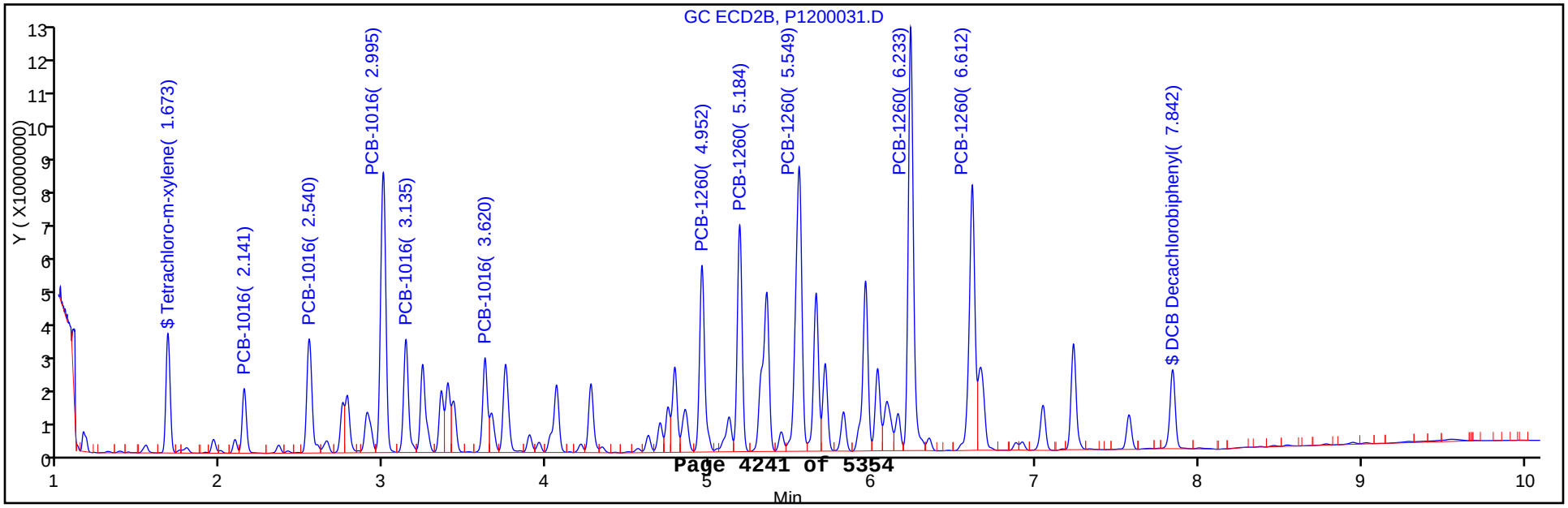
Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200031.D

Injection Date:	15-Apr-2013 16:47:24	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	31
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



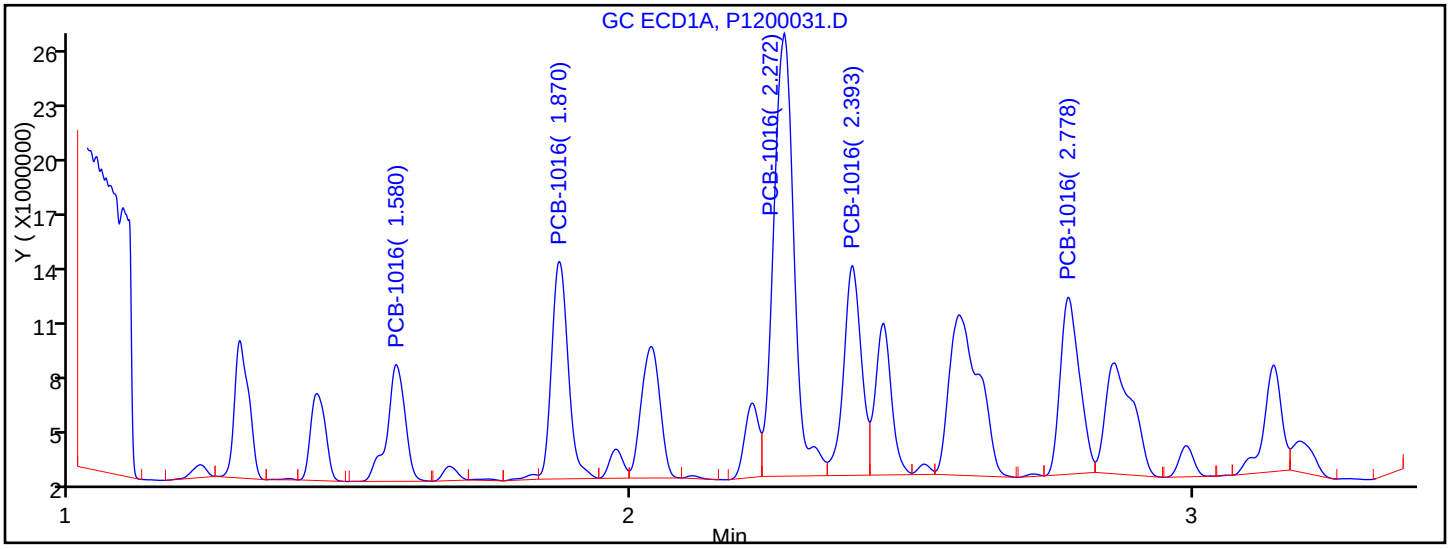
Report Date: 16-Apr-2013 09:18:19 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200031.D

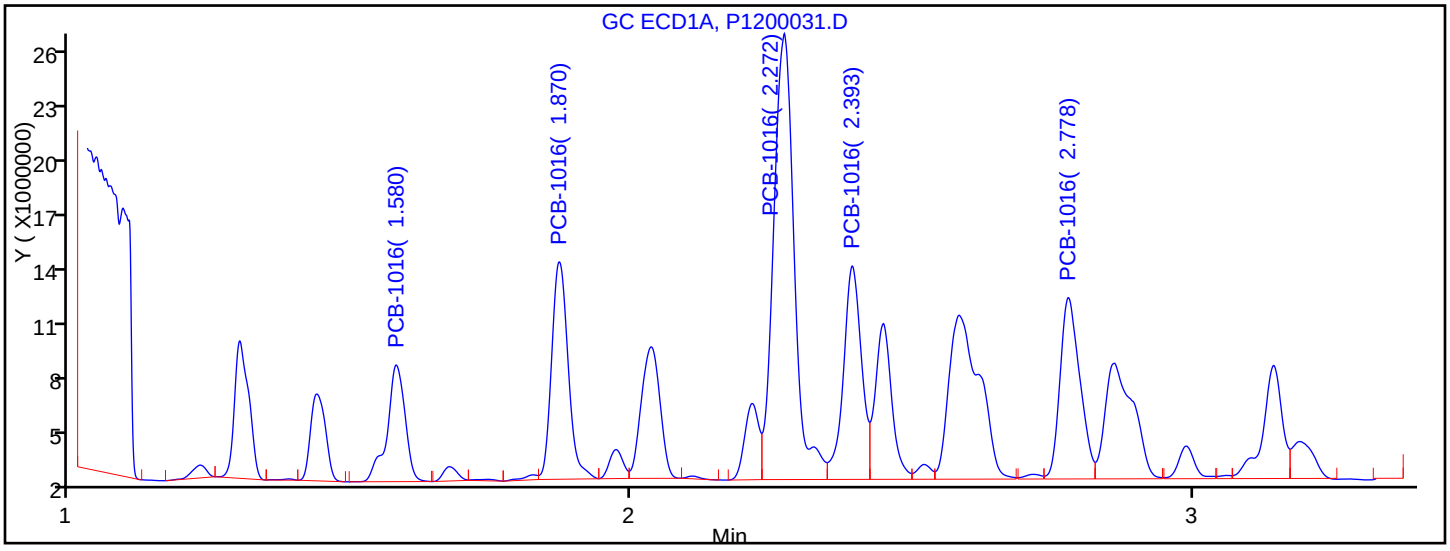
Injection Date:	15-Apr-2013 16:47:24	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	31
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.580	Response = 14292724	
RT = 1.870	Response = 24560527	
RT = 2.272	Response = 61849183	M
RT = 2.393	Response = 25407805	M
RT = 2.778	Response = 23247909	M



Manual Integration Results

RT = 1.580	Response = 14292724	
RT = 1.870	Response = 24560527	
RT = 2.272	Response = 63057915	M
RT = 2.393	Response = 26329796	M
RT = 2.778	Response = 24594086	M

Reviewer: hassl, 16-Apr-2013 09:12:26

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

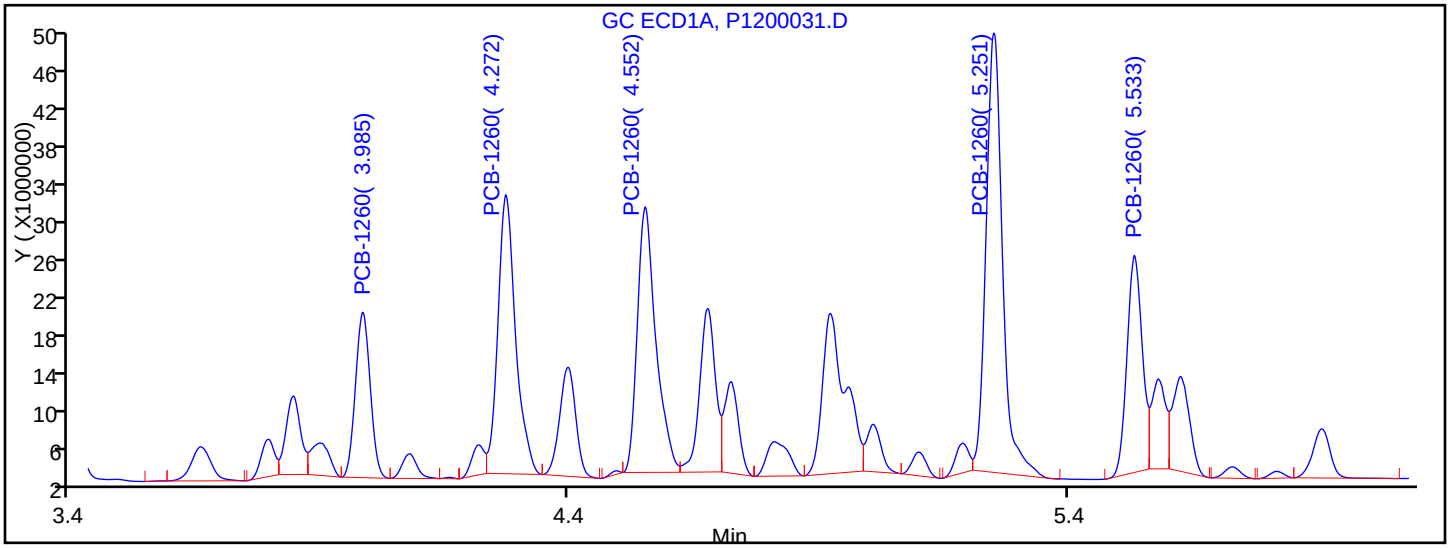
Report Date: 16-Apr-2013 09:18:19 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200031.D

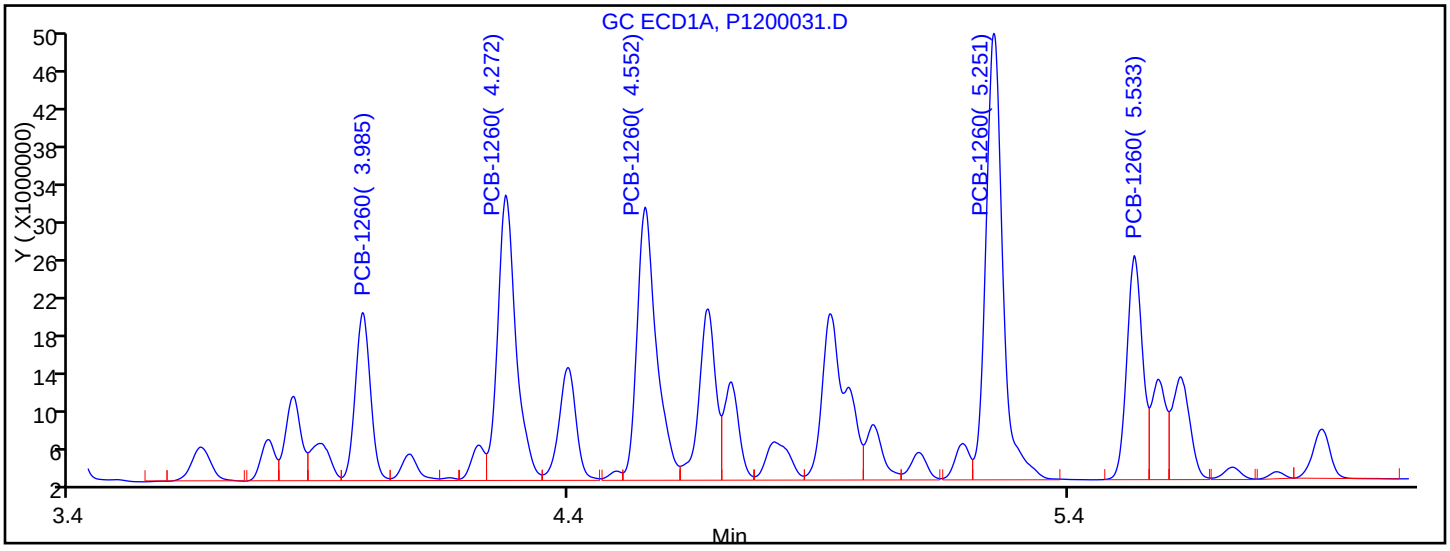
Injection Date:	15-Apr-2013 16:47:24	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	31
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

10 PCB-1260, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.985	Response = 36349024	M
RT = 4.272	Response = 73499811	M
RT = 4.552	Response = 73589614	M
RT = 5.251	Response = 108111902	M
RT = 5.533	Response = 49439814	M



Manual Integration Results

RT = 3.985	Response = 37950604	M
RT = 4.272	Response = 77928410	M
RT = 4.552	Response = 79160698	M
RT = 5.251	Response = 113355030	M
RT = 5.533	Response = 52382341	M

Reviewer: hassl, 16-Apr-2013 09:12:26

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22648-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-81544/24-A

Matrix: Solid | Lab File ID: P1200031.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 04/11/2013 11:52

Sample wt/vol: 30.00(g) | Date Analyzed: 04/15/2013 16:47

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 81867 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
12674-11-2	Aroclor-1016	282		65	25	21
11096-82-5	Aroclor-1260	310		55	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	112		40-140
2051-24-3	DCB Decachlorobiphenyl	86		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200031.D
Lims ID: LCS 240-81544/24-A Client ID:
Inject. Date: 15-Apr-2013 16:47:24 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0018856-031
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 31
Lims Batch ID: 81867 Lims Sample ID: 31
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m
Last Update: 16-Apr-2013 09:18:09 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK021

First Level Reviewer: hassl Date: 16-Apr-2013 09:12:26

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.301	1.301	0.000	13397673	0.0137			
2	2	1.673	1.673	0.000	59999128	0.0225			
						RPD = 48.80			
6 PCB-1016									M
1	100	1.580	1.580	0.000	14292724	0.8830		100.0	
1	2	1.870	1.870	0.000	24560527	0.8166	165.5- 215.5	171.8	
1	3	2.272	2.270	0.002	63057915	0.9855	356.7- 406.7	441.2	M
1	4	2.393	2.393	0.000	26329796	0.9744	144.0- 194.0	184.2	M
1	5	2.778	2.777	0.001	24594086	0.8705	153.1- 203.1	172.1	M
			Average of Peak Amounts =			0.9060			
2	6	2.141	2.141	0.000	33535118	0.7403		100.0	
2	7	2.540	2.541	-0.001	73202465	0.8367	165.6- 225.6	218.3	
2	8	2.995	2.996	-0.001	176496206	0.9703	366.1- 426.1	526.3	
2	9	3.135	3.134	0.001	67476841	0.8519	144.6- 204.6	201.2	
2	10	3.620	3.620	0.000	54653263	0.8295	112.9- 172.9	163.0	
			Average of Peak Amounts =			0.8457			
						RPD = 6.88			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									M
1	100	3.985	3.985	0.000	37950604	0.8705		100.0	M
1	2	4.272	4.272	0.000	77928410	0.9049	172.1- 222.1	205.3	M
1	3	4.552	4.551	0.001	79160698	0.9374	168.4- 218.4	208.6	M
1	4	5.251	5.251	0.000	113355030	0.9580	244.3- 294.3	298.7	M
1	5	5.533	5.534	-0.001	52382341	0.9333	104.3- 154.3	138.0	M
			Average of Peak Amounts =			0.9208			
2	6	4.952	4.951	0.001	116630035	0.8981		100.0	
2	7	5.184	5.182	0.002	132015124	0.9088	80.1- 140.1	113.2	
2	8	5.549	5.548	0.001	216064311	0.9348	146.6- 206.6	185.3	
2	9	6.233	6.234	-0.001	264211948	0.9831	174.1- 234.1	226.5	
2	10	6.612	6.612	0.000	184346614	0.9211	121.8- 181.8	158.1	
			Average of Peak Amounts =			0.9292			
						RPD = 0.90			
$ 12 DCB Decachlorobiphenyl									
1	100	6.685	6.684	0.001	17865132	0.0175			
2	2	7.842	7.842	0.000	50832088	0.0172			
						RPD = 1.92			

QC Flag Legend

Review Flags
M - Manually Integrated

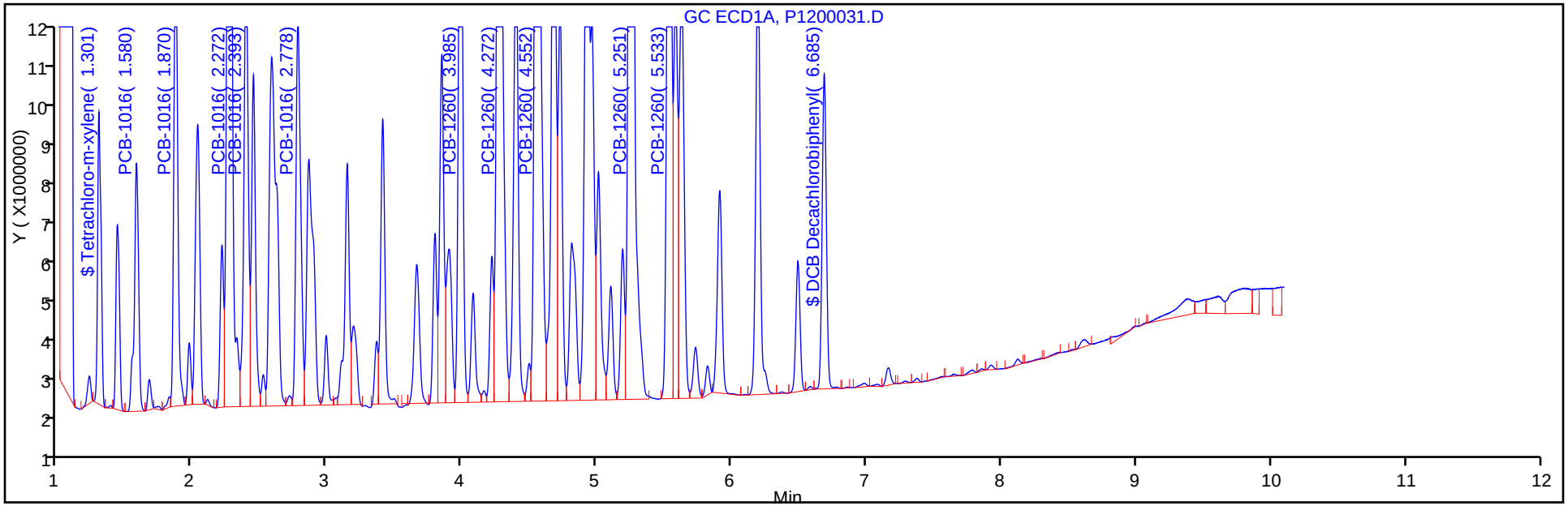
Report Date: 16-Apr-2013 09:18:19 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

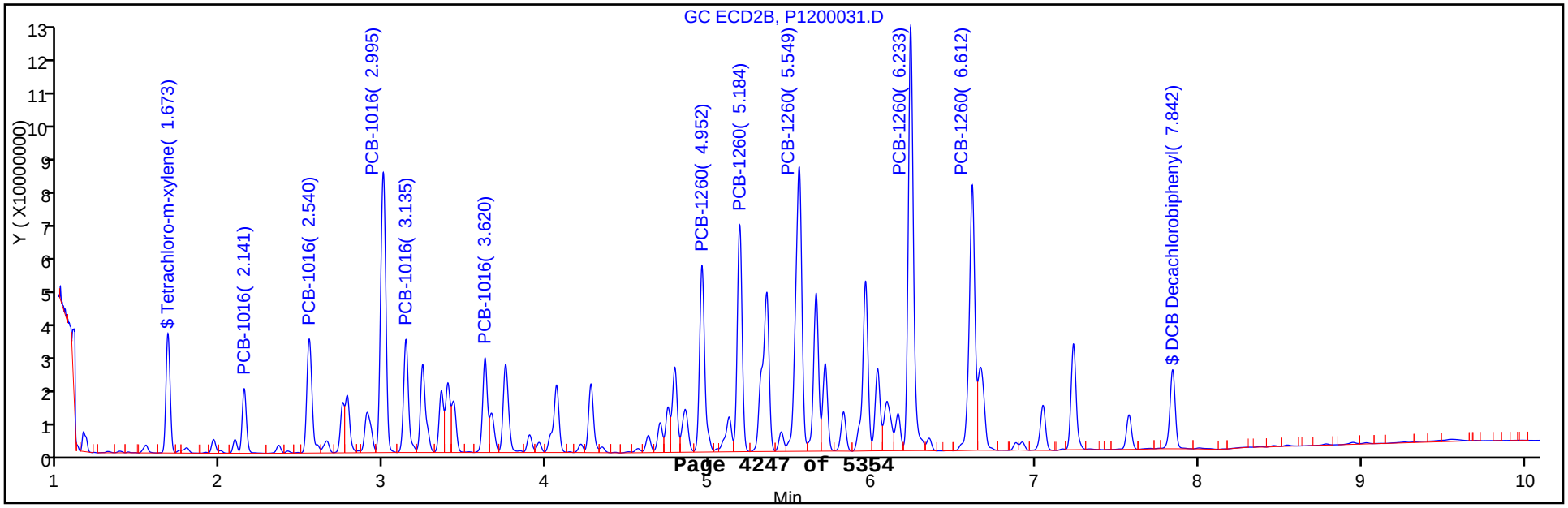
Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200031.D

Injection Date:	15-Apr-2013 16:47:24	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	31
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-82117/18-A

Matrix: Solid Lab File ID: P4000011.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: 3540C Date Extracted: 04/16/2013 10:59

Sample wt/vol: 30.00(g) Date Analyzed: 04/18/2013 18:51

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 82562 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	108		40-140
2051-24-3	DCB Decachlorobiphenyl	80		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000011.D
Lims ID: LCS 240-82117/18-A
Client ID:
Inject. Date: 18-Apr-2013 18:51:50
Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0019023-011
Misc. Info.:
Operator:
Instrument ID: A2HP4
Injection Vol: 1.0 uL
ALS Bottle#: 11
Lims Batch ID: 82562
Lims Sample ID: 11
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\PCB4.m
Last Update: 19-Apr-2013 14:30:32
Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK027

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.277	1.277	0.000	34254121	0.0216			
2	2	1.682	1.684	-0.002	35107581	0.0223			
						RPD = 2.83			
6 PCB-1016									
1	100	1.547	1.547	0.000	19274662	0.7103		100.0	
1	2	1.829	1.828	0.001	37950562	0.7750	156.0- 206.0	196.9	
1	3	2.222	2.221	0.001	77620110	0.8307	312.4- 362.4	402.7	
1	4	2.341	2.341	0.000	34224716	0.8156	118.7- 188.7	177.6	
1	5	2.720	2.718	0.002	27812485	0.6560	125.6- 175.6	144.3	
			Average of Peak Amounts =			0.7575			
2	6	2.147	2.146	0.001	16872118	0.6578		100.0	
2	7	2.544	2.542	0.002	36047065	0.7100	169.6- 229.6	213.6	
2	8	2.995	2.993	0.002	76712281	0.7719	351.4- 411.4	454.7	
2	9	3.134	3.132	0.002	31193690	0.7087	141.3- 201.3	184.9	
2	10	3.237	3.235	0.002	24708507	0.7214	102.5- 162.5	146.4	
			Average of Peak Amounts =			0.7140			
						RPD = 5.92			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.918	3.916	0.002	45163345	0.7238		100.0	
1	2	4.204	4.203	0.001	83935377	0.7622	152.2- 202.2	185.8	
1	3	4.485	4.484	0.001	89216200	0.8286	146.4- 196.4	197.5	
1	4	5.184	5.183	0.001	108651541	0.8398	180.7- 230.7	240.6	
1	5	5.468	5.468	0.000	54084482	0.9286	64.1- 114.1	119.8	
			Average of Peak Amounts =			0.8166			
2	6	4.946	4.943	0.003	50048184	0.7276		100.0	
2	7	5.176	5.174	0.002	59800687	0.7491	87.6- 147.6	119.5	
2	8	5.545	5.543	0.002	94596418	0.8005	144.7- 204.7	189.0	
2	9	6.229	6.227	0.002	117063134	0.8029	187.7- 247.7	233.9	
2	10	6.610	6.608	0.002	77989579	0.8068	115.0- 175.0	155.8	
			Average of Peak Amounts =			0.7774			
						RPD = 4.92			
$ 12 DCB Decachlorobiphenyl									
1	100	6.622	6.621	0.001	21394450	0.0160			
2	2	7.845	7.843	0.002	22961463	0.0158			
						RPD = 1.63			

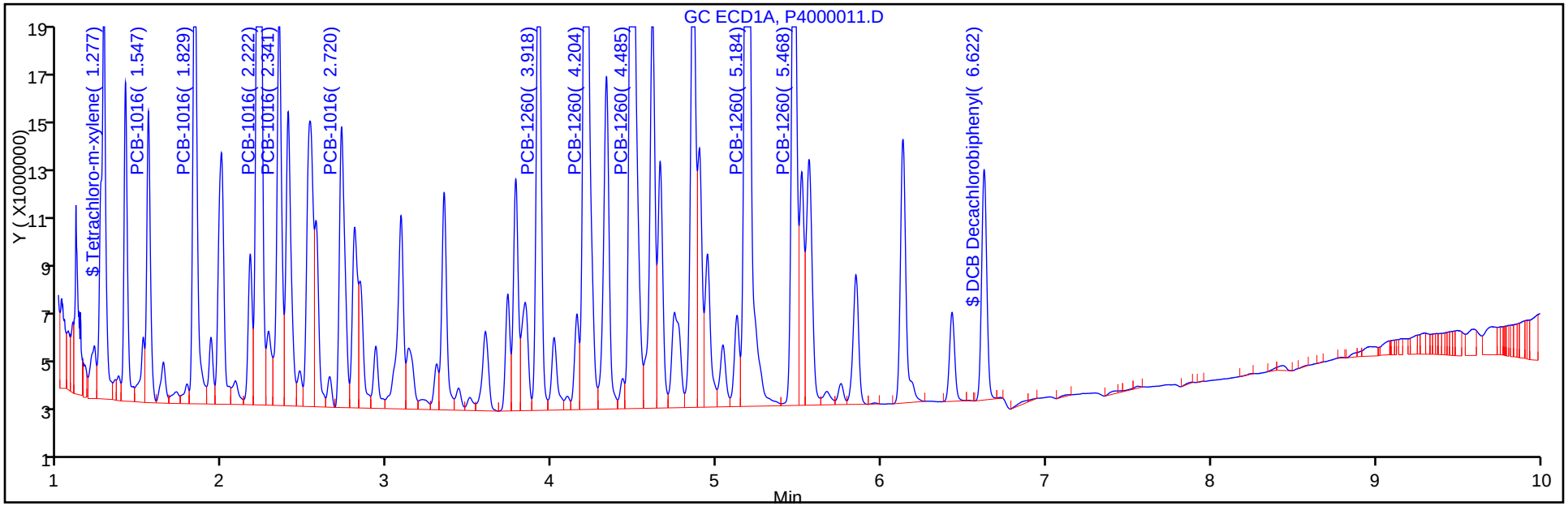
Report Date: 19-Apr-2013 14:30:40 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

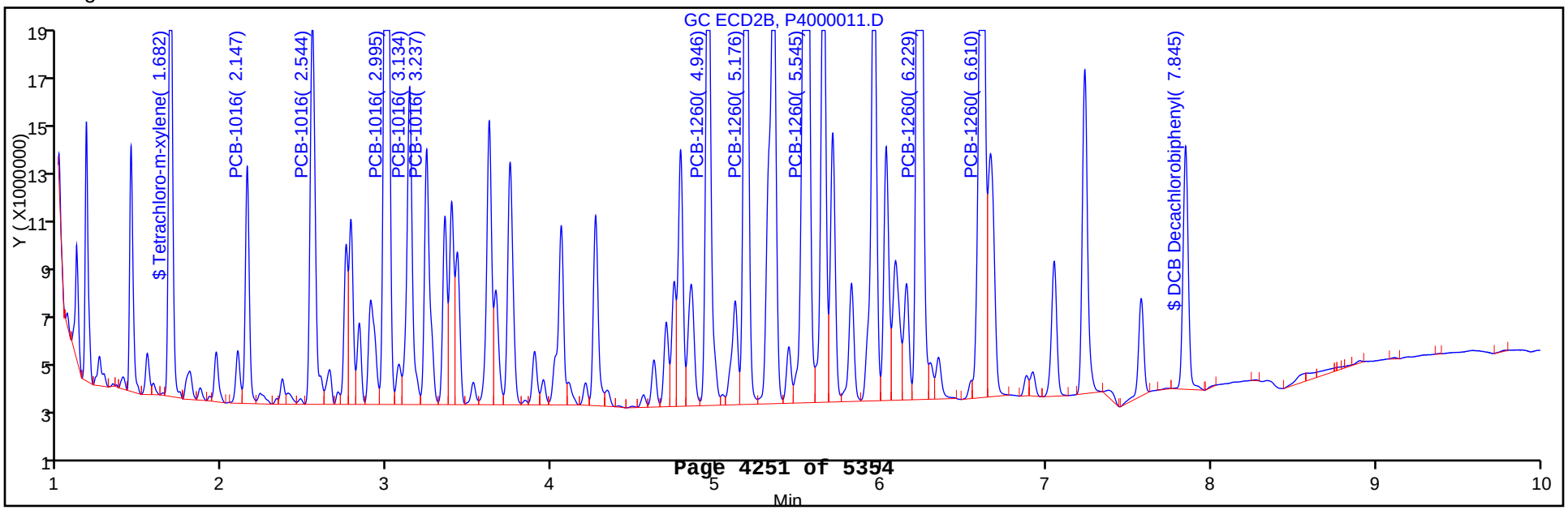
Data File: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000011.D

Injection Date:	18-Apr-2013 18:51:50	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82562	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22648-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-82117/18-A

Matrix: Solid | Lab File ID: P4000011.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 04/16/2013 10:59

Sample wt/vol: 30.00(g) | Date Analyzed: 04/18/2013 18:51

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82562 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
12674-11-2	Aroclor-1016	238		65	25	21
11096-82-5	Aroclor-1260	259		55	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	111		40-140
2051-24-3	DCB Decachlorobiphenyl	79		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000011.D
Lims ID: LCS 240-82117/18-A
Client ID:
Inject. Date: 18-Apr-2013 18:51:50
Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0019023-011
Misc. Info.:
Operator:
Instrument ID: A2HP4
Injection Vol: 1.0 uL
ALS Bottle#: 11
Lims Batch ID: 82562
Lims Sample ID: 11
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\PCB4.m
Last Update: 19-Apr-2013 14:30:32
Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK027

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.277	1.277	0.000	34254121	0.0216			
2	2	1.682	1.684	-0.002	35107581	0.0223			
						RPD = 2.83			
6 PCB-1016									
1	100	1.547	1.547	0.000	19274662	0.7103		100.0	
1	2	1.829	1.828	0.001	37950562	0.7750	156.0- 206.0	196.9	
1	3	2.222	2.221	0.001	77620110	0.8307	312.4- 362.4	402.7	
1	4	2.341	2.341	0.000	34224716	0.8156	118.7- 188.7	177.6	
1	5	2.720	2.718	0.002	27812485	0.6560	125.6- 175.6	144.3	
			Average of Peak Amounts =			0.7575			
2	6	2.147	2.146	0.001	16872118	0.6578		100.0	
2	7	2.544	2.542	0.002	36047065	0.7100	169.6- 229.6	213.6	
2	8	2.995	2.993	0.002	76712281	0.7719	351.4- 411.4	454.7	
2	9	3.134	3.132	0.002	31193690	0.7087	141.3- 201.3	184.9	
2	10	3.237	3.235	0.002	24708507	0.7214	102.5- 162.5	146.4	
			Average of Peak Amounts =			0.7140			
						RPD = 5.92			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.918	3.916	0.002	45163345	0.7238		100.0	
1	2	4.204	4.203	0.001	83935377	0.7622	152.2- 202.2	185.8	
1	3	4.485	4.484	0.001	89216200	0.8286	146.4- 196.4	197.5	
1	4	5.184	5.183	0.001	108651541	0.8398	180.7- 230.7	240.6	
1	5	5.468	5.468	0.000	54084482	0.9286	64.1- 114.1	119.8	
			Average of Peak Amounts =			0.8166			
2	6	4.946	4.943	0.003	50048184	0.7276		100.0	
2	7	5.176	5.174	0.002	59800687	0.7491	87.6- 147.6	119.5	
2	8	5.545	5.543	0.002	94596418	0.8005	144.7- 204.7	189.0	
2	9	6.229	6.227	0.002	117063134	0.8029	187.7- 247.7	233.9	
2	10	6.610	6.608	0.002	77989579	0.8068	115.0- 175.0	155.8	
			Average of Peak Amounts =			0.7774			
						RPD = 4.92			
$ 12 DCB Decachlorobiphenyl									
1	100	6.622	6.621	0.001	21394450	0.0160			
2	2	7.845	7.843	0.002	22961463	0.0158			
						RPD = 1.63			

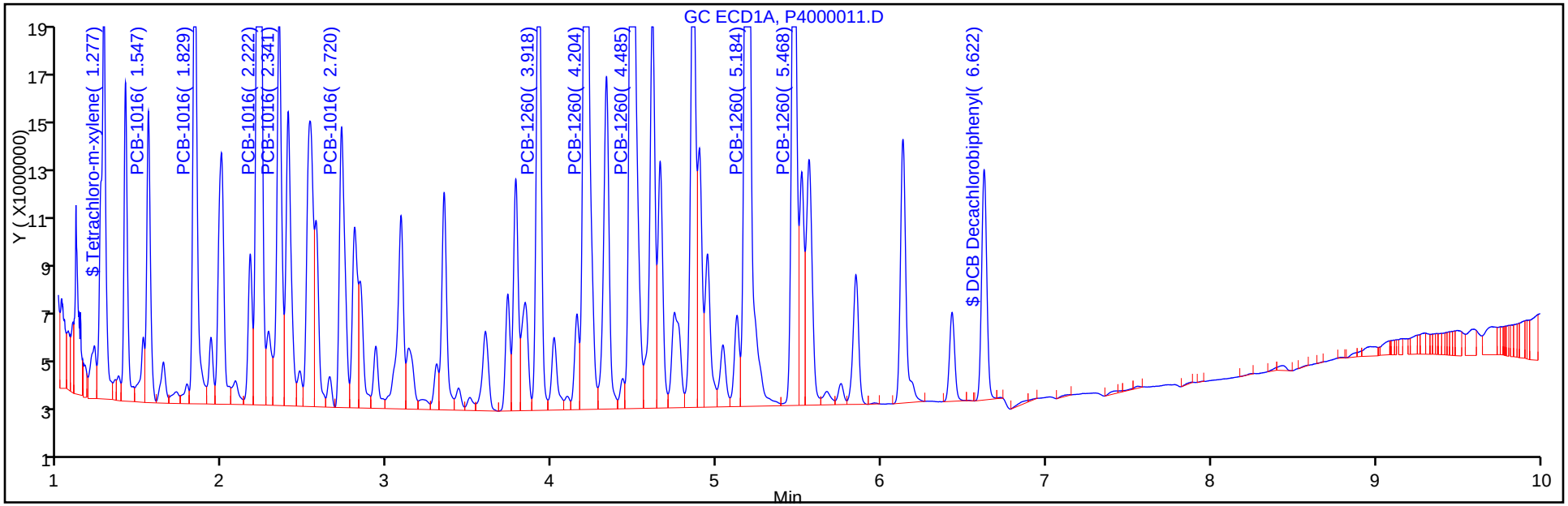
Report Date: 19-Apr-2013 14:30:41 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

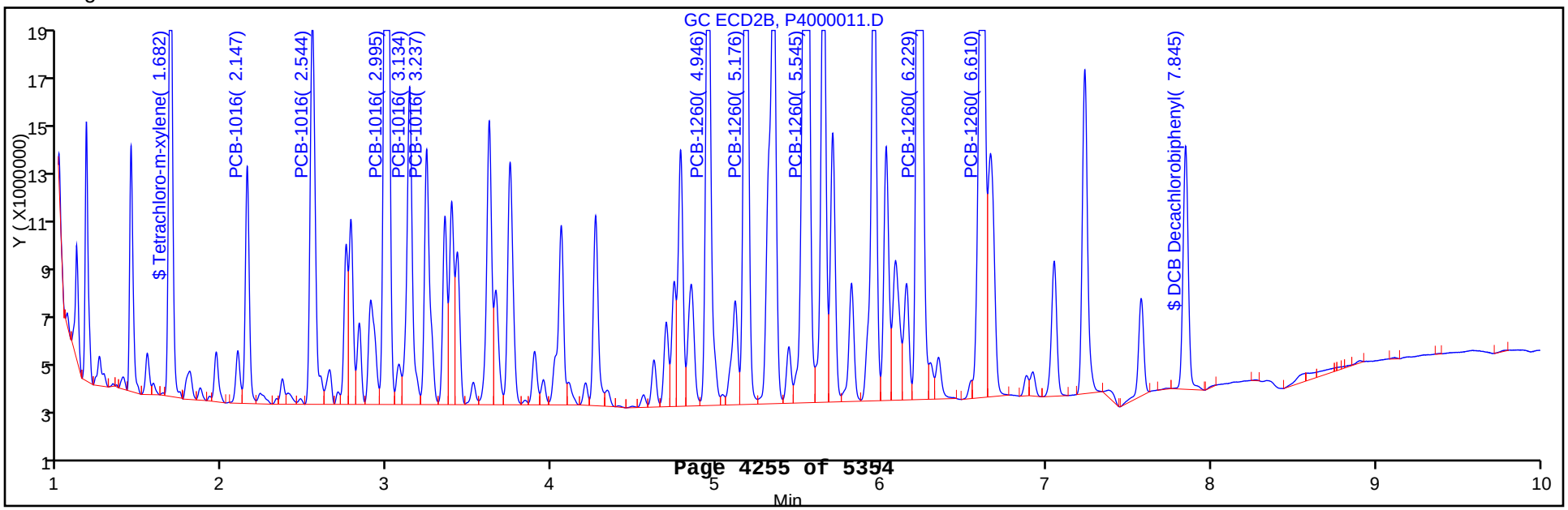
Data File: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000011.D

Injection Date:	18-Apr-2013 18:51:50	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82562	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22648-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-80924/4

Matrix: Water | Lab File ID: P1200004.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/08/2013 14:26

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 80924 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	0.00020	U	0.050	0.00020	0.013
12674-11-2	Aroclor-1016	0.0611		0.050	0.00020	0.017
11141-16-5	Aroclor-1232	0.00020	U	0.050	0.00020	0.016
53469-21-9	Aroclor-1242	0.00040	U	0.050	0.00040	0.022
12672-29-6	Aroclor-1248	0.00020	U	0.050	0.00020	0.010
11097-69-1	Aroclor-1254	0.00020	U	0.050	0.00020	0.016
11096-82-5	Aroclor-1260	0.0531		0.050	0.00020	0.017

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	137		50-150
2051-24-3	DCB Decachlorobiphenyl	108		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130408-18636.b\P1200004.D
Lims ID: MRL Client ID:
Inject. Date: 08-Apr-2013 14:26:27 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0018636-004
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 4
Lims Batch ID: 80924 Lims Sample ID: 4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130408-18636.b\PCB12.m
Last Update: 09-Apr-2013 14:40:01 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK030

First Level Reviewer: hassl Date: 09-Apr-2013 14:39:40

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.298	1.297	0.001	3364842	0.003431			
2	2	1.671	1.670	0.001	8709167	0.003263			
						RPD = 5.02			
3 PCB-1221									
1	2		1.435						
1	3		1.545						
1	4		1.577						
2	4		1.951						
2	5		2.084						
2	6		2.140						
6 PCB-1016									M
1	100	1.577	1.575	0.002	1040105	0.0643		100.0	M
1	2	1.866	1.865	0.001	1835845	0.0610	165.5- 215.5	176.5	
1	3	2.268	2.266	0.002	3910726	0.0611	356.7- 406.7	376.0	
1	4	2.389	2.387	0.002	1617229	0.0599	144.0- 194.0	155.5	
1	5	2.774	2.772	0.002	1666334	0.0590	153.1- 203.1	160.2	
			Average of Peak Amounts =			0.0611			
2	6	2.139	2.136	0.003	2839475	0.0627		100.0	
2	7	2.539	2.537	0.002	5342741	0.0611	165.6- 225.6	188.2	
2	8	2.994	2.991	0.003	10319283	0.0567	366.1- 426.1	363.4	
2	9	3.131	3.131	0.000	4934898	0.0623	144.6- 204.6	173.8	
2	10	3.617	3.617	0.000	3812591	0.0579	112.9- 172.9	134.3	
			Average of Peak Amounts =			0.0601			
						RPD = 1.52			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.577						
1	2		1.868						
1	3		2.267						
1	4		2.391						
1	5		2.775						
2	6		2.139						
2	7		2.539						
2	8		2.994						
2	9		3.132						
2	10		3.618						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.271						
1	4		2.393						
1	5		2.778						
2	6		2.141						
2	7		2.541						
2	8		2.996						
2	9		3.134						
2	10		3.747						
7 PCB-1248									
1	86		1.869						
1	2		2.269						
1	3		2.778						
1	4		3.360						
1	5		3.796						
2	6		2.539						
2	7		2.994						
2	8		3.620						
2	9		4.064						
2	10		4.745						
8 PCB-1254									
1	100		3.407						
1	2		3.795						
1	3		4.078						
1	4		4.270						
1	5		4.551						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.550						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.983	3.981	0.002	2403036	0.0551		100.0	
1	2	4.271	4.269	0.002	4662975	0.0541	172.1- 222.1	194.0	
1	3	4.549	4.549	0.000	4534425	0.0537	168.4- 218.4	188.7	
1	4	5.248	5.248	0.000	6042539	0.0511	244.3- 294.3	251.5	
1	5	5.531	5.531	0.000	2890308	0.0515	104.3- 154.3	120.3	
			Average of Peak Amounts =			0.0531			
2	6	4.951	4.949	0.002	6892228	0.0531		100.0	
2	7	5.182	5.180	0.002	7341422	0.0505	80.1- 140.1	106.5	
2	8	5.548	5.546	0.002	11826530	0.0512	146.6- 206.6	171.6	
2	9	6.232	6.231	0.001	13734721	0.0511	174.1- 234.1	199.3	
2	10	6.611	6.611	0.000	10161417	0.0508	121.8- 181.8	147.4	
			Average of Peak Amounts =			0.0513			
						RPD = 3.40			
9 PCB-1262									
1	100		3.985						
1	2		4.274						
1	3		4.676						
1	4		5.250						
1	5		5.581						
2	6		5.183						
2	7		5.653						
2	8		5.957						
2	9		6.235						
2	10		6.611						
11 PCB-1268									
1	100		5.582						
1	2		5.619						
1	3		5.818						
1	4		6.192						
1	5		6.489						
2	6		6.610						
2	7		6.658						
2	8		6.920						
2	9		7.234						
2	10		7.575						
$ 12 DCB Decachlorobiphenyl									
1	100	6.681	6.682	-0.001	2742182	0.002688			
2	2	7.840	7.840	0.000	8260724	0.002792			
						RPD = 3.79			

QC Flag Legend

Review Flags
M - Manually Integrated

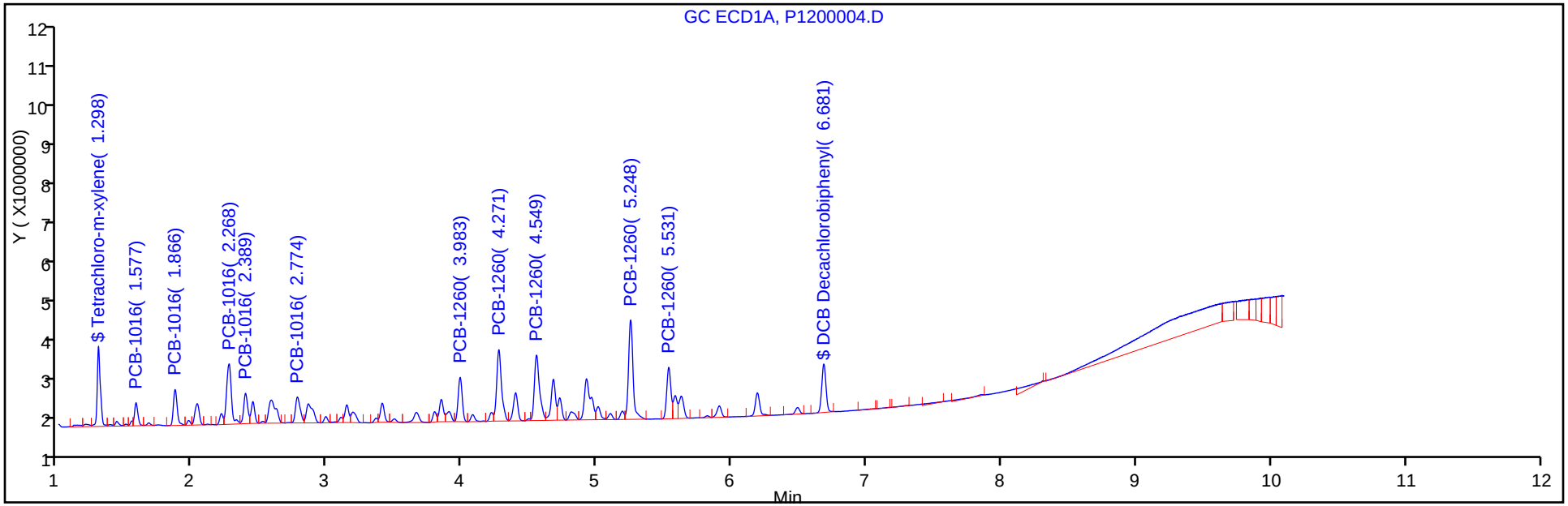
Report Date: 09-Apr-2013 14:40:04 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

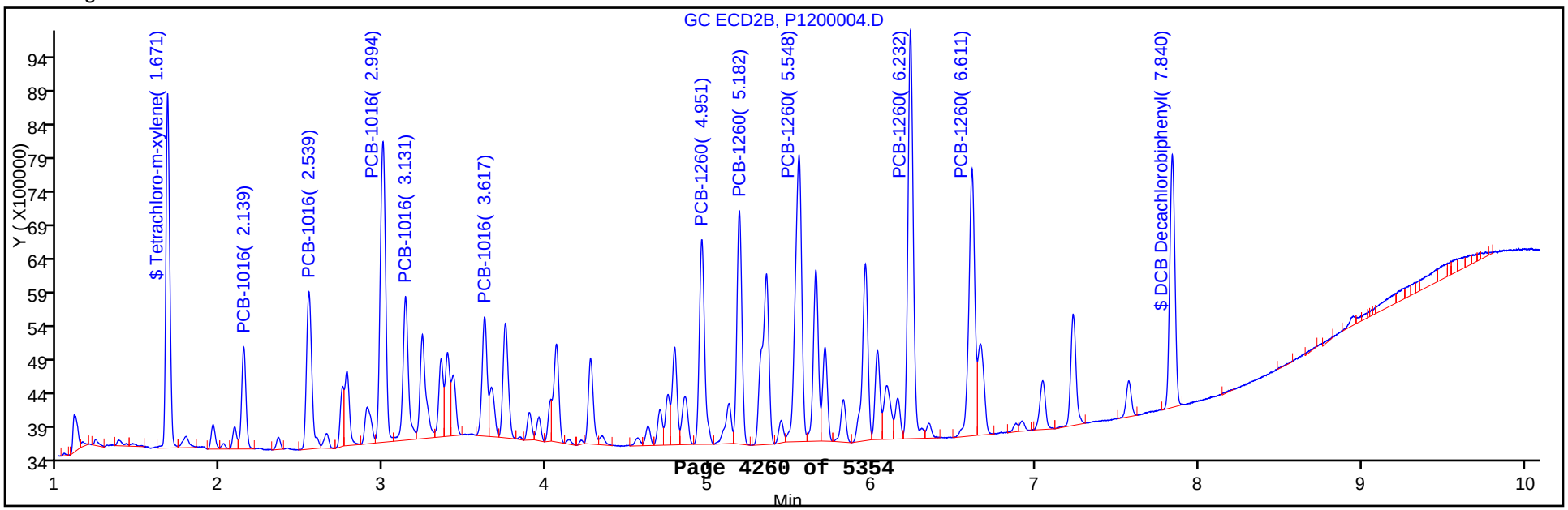
Data File: \\Ncchrom\ChromData\A2HP12\20130408-18636.b\P1200004.D

Injection Date:	08-Apr-2013 14:26:27	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80924	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



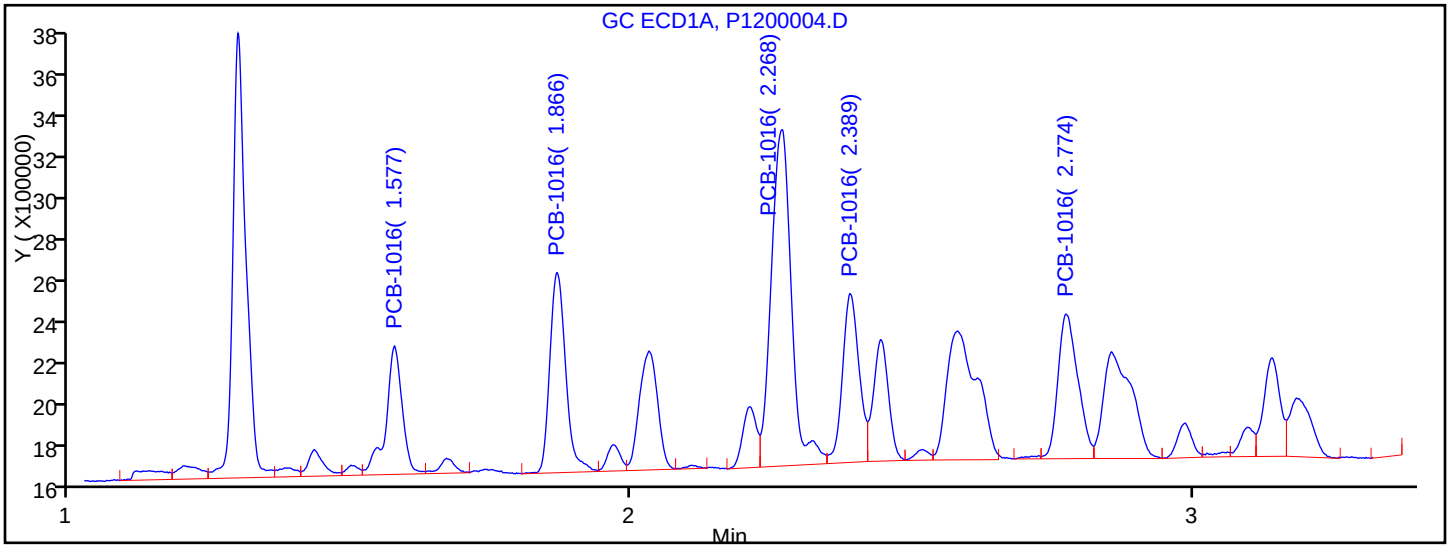
Report Date: 09-Apr-2013 14:40:04 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP12\20130408-18636.b\P1200004.D

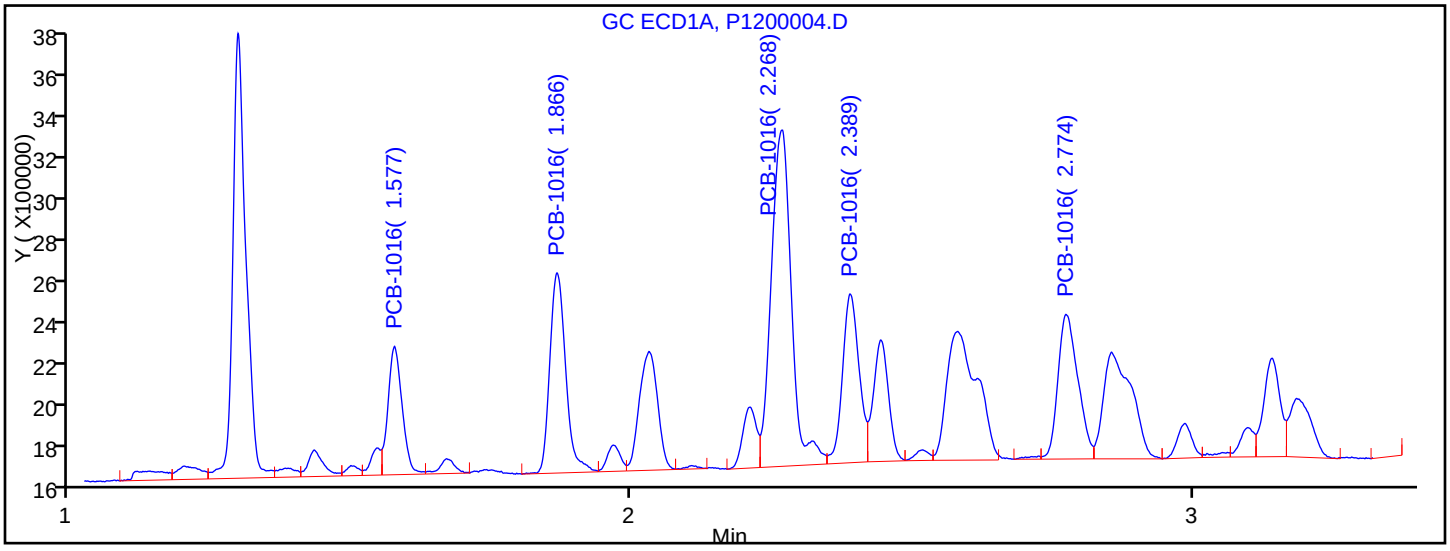
Injection Date:	08-Apr-2013 14:26:27	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80924	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.577	Response = 1206116	M
RT = 1.866	Response = 1835845	
RT = 2.268	Response = 3910726	
RT = 2.389	Response = 1617229	
RT = 2.774	Response = 1666334	



Manual Integration Results

RT = 1.577	Response = 1040105	M
RT = 1.866	Response = 1835845	
RT = 2.268	Response = 3910726	
RT = 2.389	Response = 1617229	
RT = 2.774	Response = 1666334	

Reviewer: hassl, 09-Apr-2013 14:39:54

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-80924/4

Matrix: Water Lab File ID: P1200004.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 04/08/2013 14:26

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 80924 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	*Aroclor-1221*	*0.00020*	*U*	*0.050*	0.00020	*0.013*
12674-11-2	*Aroclor-1016*	*0.0601*		*0.050*	0.00020	*0.017*
11141-16-5	*Aroclor-1232*	*0.00020*	*U*	*0.050*	0.00020	*0.016*
53469-21-9	*Aroclor-1242*	*0.00040*	*U*	*0.050*	0.00040	*0.022*
12672-29-6	*Aroclor-1248*	*0.00020*	*U*	*0.050*	0.00020	*0.010*
11097-69-1	*Aroclor-1254*	*0.00020*	*U*	*0.050*	0.00020	*0.016*
11096-82-5	*Aroclor-1260*	*0.0513*		*0.050*	0.00020	*0.017*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	131		50-150
2051-24-3	DCB Decachlorobiphenyl	112		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130408-18636.b\P1200004.D
Lims ID: MRL Client ID:
Inject. Date: 08-Apr-2013 14:26:27 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0018636-004
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 4
Lims Batch ID: 80924 Lims Sample ID: 4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130408-18636.b\PCB12.m
Last Update: 09-Apr-2013 14:40:01 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK030

First Level Reviewer: hassl Date: 09-Apr-2013 14:39:40

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.298	1.297	0.001	3364842	0.003431			
2	2	1.671	1.670	0.001	8709167	0.003263			
						RPD = 5.02			
3 PCB-1221									
1	2		1.435						
1	3		1.545						
1	4		1.577						
2	4		1.951						
2	5		2.084						
2	6		2.140						
6 PCB-1016									M
1	100	1.577	1.575	0.002	1040105	0.0643		100.0	M
1	2	1.866	1.865	0.001	1835845	0.0610	165.5- 215.5	176.5	
1	3	2.268	2.266	0.002	3910726	0.0611	356.7- 406.7	376.0	
1	4	2.389	2.387	0.002	1617229	0.0599	144.0- 194.0	155.5	
1	5	2.774	2.772	0.002	1666334	0.0590	153.1- 203.1	160.2	
			Average of Peak Amounts =			0.0611			
2	6	2.139	2.136	0.003	2839475	0.0627		100.0	
2	7	2.539	2.537	0.002	5342741	0.0611	165.6- 225.6	188.2	
2	8	2.994	2.991	0.003	10319283	0.0567	366.1- 426.1	363.4	
2	9	3.131	3.131	0.000	4934898	0.0623	144.6- 204.6	173.8	
2	10	3.617	3.617	0.000	3812591	0.0579	112.9- 172.9	134.3	
			Average of Peak Amounts =			0.0601			
						RPD = 1.52			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.577						
1	2		1.868						
1	3		2.267						
1	4		2.391						
1	5		2.775						
2	6		2.139						
2	7		2.539						
2	8		2.994						
2	9		3.132						
2	10		3.618						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.271						
1	4		2.393						
1	5		2.778						
2	6		2.141						
2	7		2.541						
2	8		2.996						
2	9		3.134						
2	10		3.747						
7 PCB-1248									
1	86		1.869						
1	2		2.269						
1	3		2.778						
1	4		3.360						
1	5		3.796						
2	6		2.539						
2	7		2.994						
2	8		3.620						
2	9		4.064						
2	10		4.745						
8 PCB-1254									
1	100		3.407						
1	2		3.795						
1	3		4.078						
1	4		4.270						
1	5		4.551						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.550						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.983	3.981	0.002	2403036	0.0551		100.0	
1	2	4.271	4.269	0.002	4662975	0.0541	172.1- 222.1	194.0	
1	3	4.549	4.549	0.000	4534425	0.0537	168.4- 218.4	188.7	
1	4	5.248	5.248	0.000	6042539	0.0511	244.3- 294.3	251.5	
1	5	5.531	5.531	0.000	2890308	0.0515	104.3- 154.3	120.3	
			Average of Peak Amounts =			0.0531			
2	6	4.951	4.949	0.002	6892228	0.0531		100.0	
2	7	5.182	5.180	0.002	7341422	0.0505	80.1- 140.1	106.5	
2	8	5.548	5.546	0.002	11826530	0.0512	146.6- 206.6	171.6	
2	9	6.232	6.231	0.001	13734721	0.0511	174.1- 234.1	199.3	
2	10	6.611	6.611	0.000	10161417	0.0508	121.8- 181.8	147.4	
			Average of Peak Amounts =			0.0513			
						RPD = 3.40			
9 PCB-1262									
1	100		3.985						
1	2		4.274						
1	3		4.676						
1	4		5.250						
1	5		5.581						
2	6		5.183						
2	7		5.653						
2	8		5.957						
2	9		6.235						
2	10		6.611						
11 PCB-1268									
1	100		5.582						
1	2		5.619						
1	3		5.818						
1	4		6.192						
1	5		6.489						
2	6		6.610						
2	7		6.658						
2	8		6.920						
2	9		7.234						
2	10		7.575						
$ 12 DCB Decachlorobiphenyl									
1	100	6.681	6.682	-0.001	2742182	0.002688			
2	2	7.840	7.840	0.000	8260724	0.002792			
						RPD = 3.79			

QC Flag Legend

Review Flags
M - Manually Integrated

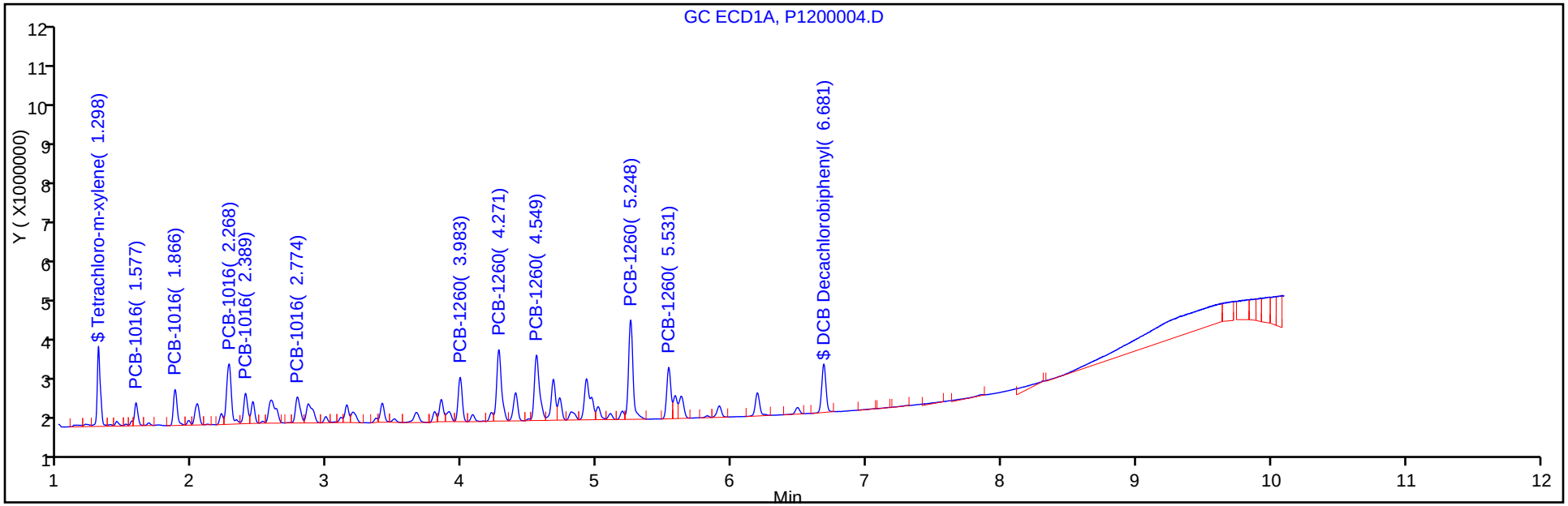
Report Date: 09-Apr-2013 14:40:05 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

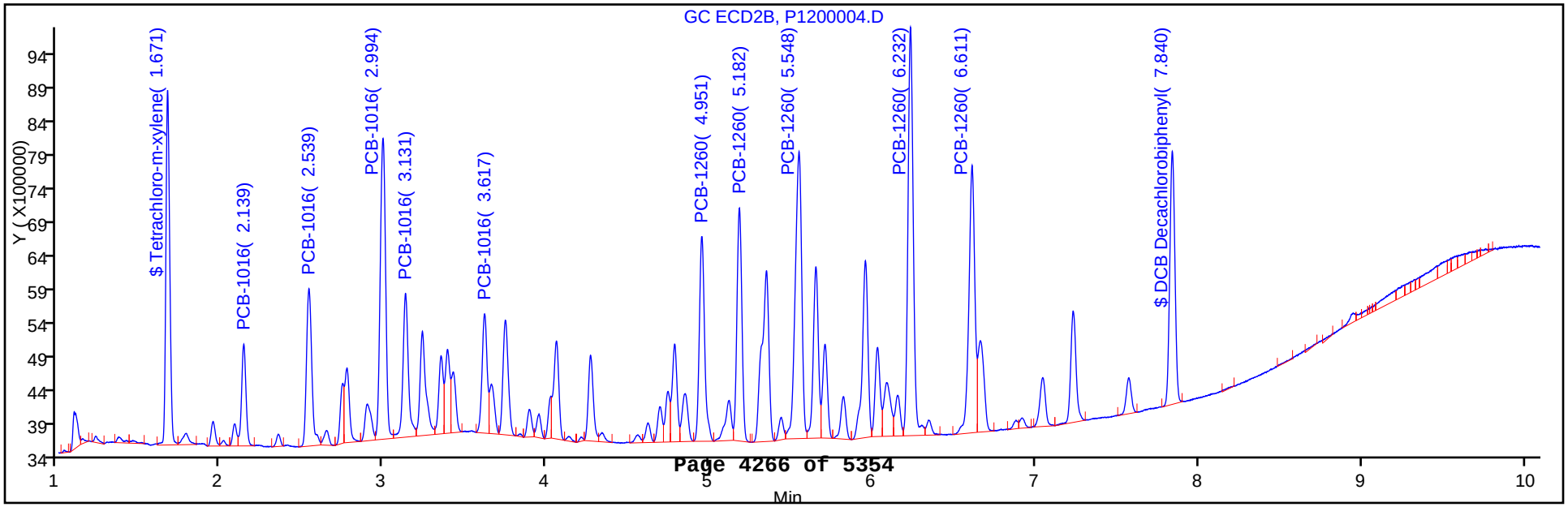
Data File: \\Ncchrom\ChromData\A2HP12\20130408-18636.b\P1200004.D

Injection Date:	08-Apr-2013 14:26:27	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80924	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-80924/10

Matrix: Water Lab File ID: P1200010.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 04/08/2013 15:51

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 80924 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	0.00020	U	0.050	0.00020	0.013
12674-11-2	Aroclor-1016	0.0579		0.050	0.00020	0.017
11141-16-5	Aroclor-1232	0.00020	U	0.050	0.00020	0.016
53469-21-9	Aroclor-1242	0.00040	U	0.050	0.00040	0.022
12672-29-6	Aroclor-1248	0.00020	U	0.050	0.00020	0.010
11097-69-1	Aroclor-1254	0.00020	U	0.050	0.00020	0.016
11096-82-5	Aroclor-1260	0.0529		0.050	0.00020	0.017

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	129		50-150
2051-24-3	DCB Decachlorobiphenyl	110		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130408-18636.b\P1200010.D
Lims ID: MRL Client ID:
Inject. Date: 08-Apr-2013 15:51:28 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0018636-010
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 10
Lims Batch ID: 80924 Lims Sample ID: 10
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130408-18636.b\PCB12.m
Last Update: 09-Apr-2013 14:40:09 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK030

First Level Reviewer: hassl Date: 09-Apr-2013 14:38:54

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.297	1.297	0.000	3161489	0.003223			
2	2	1.671	1.670	0.001	8707609	0.003262			
						RPD = 1.20			
3 PCB-1221									
1	2		1.435						
1	3		1.545						
1	4		1.577						
2	4		1.951						
2	5		2.084						
2	6		2.140						
6 PCB-1016									
1	100	1.576	1.575	0.001	918648	0.0568			100.0
1	2	1.867	1.865	0.002	1742302	0.0579	165.5- 215.5	189.7	
1	3	2.267	2.266	0.001	3819040	0.0597	356.7- 406.7	415.7	
1	4	2.389	2.388	0.001	1566191	0.0580	144.0- 194.0	170.5	
1	5	2.775	2.774	0.001	1619720	0.0573	153.1- 203.1	176.3	
			Average of Peak Amounts =			0.0579			
2	6	2.139	2.137	0.002	2832729	0.0625			100.0
2	7	2.539	2.537	0.002	5329465	0.0609	165.6- 225.6	188.1	
2	8	2.993	2.993	0.000	10671241	0.0587	366.1- 426.1	376.7	
2	9	3.133	3.132	0.001	5288177	0.0668	144.6- 204.6	186.7	
2	10	3.618	3.618	0.000	4090798	0.0621	112.9- 172.9	144.4	
			Average of Peak Amounts =			0.0622			
						RPD = 7.09			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.577						
1	2		1.868						
1	3		2.267						
1	4		2.391						
1	5		2.775						
2	6		2.139						
2	7		2.539						
2	8		2.994						
2	9		3.132						
2	10		3.618						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.271						
1	4		2.393						
1	5		2.778						
2	6		2.141						
2	7		2.541						
2	8		2.996						
2	9		3.134						
2	10		3.747						
7 PCB-1248									
1	86		1.869						
1	2		2.269						
1	3		2.778						
1	4		3.360						
1	5		3.796						
2	6		2.539						
2	7		2.994						
2	8		3.620						
2	9		4.064						
2	10		4.745						
8 PCB-1254									
1	100		3.407						
1	2		3.795						
1	3		4.078						
1	4		4.270						
1	5		4.551						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.550						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.983	3.982	0.001	2354029	0.0540		100.0	
1	2	4.271	4.270	0.001	4626824	0.0537	172.1- 222.1	196.5	
1	3	4.550	4.547	0.003	4546448	0.0538	168.4- 218.4	193.1	
1	4	5.248	5.247	0.001	6075813	0.0514	244.3- 294.3	258.1	
1	5	5.531	5.531	0.000	2893642	0.0516	104.3- 154.3	122.9	
			Average of Peak Amounts =			0.0529			
2	6	4.951	4.950	0.001	6938704	0.0534		100.0	
2	7	5.182	5.182	0.000	7075738	0.0487	80.1- 140.1	102.0	
2	8	5.548	5.547	0.001	12033476	0.0521	146.6- 206.6	173.4	
2	9	6.233	6.232	0.001	14160954	0.0527	174.1- 234.1	204.1	
2	10	6.612	6.610	0.002	10537519	0.0527	121.8- 181.8	151.9	
			Average of Peak Amounts =			0.0519			
						RPD = 1.88			
9 PCB-1262									
1	100		3.985						
1	2		4.274						
1	3		4.676						
1	4		5.250						
1	5		5.581						
2	6		5.183						
2	7		5.653						
2	8		5.957						
2	9		6.235						
2	10		6.611						
11 PCB-1268									
1	100		5.582						
1	2		5.619						
1	3		5.818						
1	4		6.192						
1	5		6.489						
2	6		6.610						
2	7		6.658						
2	8		6.920						
2	9		7.234						
2	10		7.575						
$ 12 DCB Decachlorobiphenyl									
1	100	6.683	6.682	0.001	2814793	0.002760			
2	2	7.841	7.840	0.001	8707117	0.002943			
						RPD = 6.44			

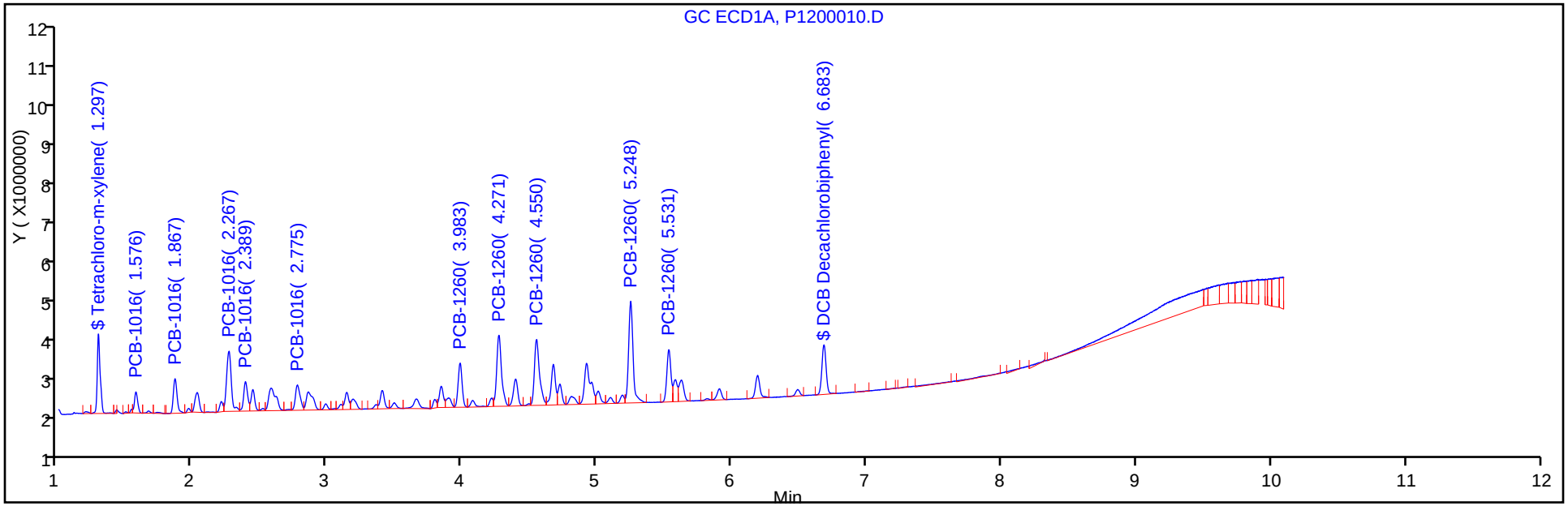
Report Date: 09-Apr-2013 14:40:10 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

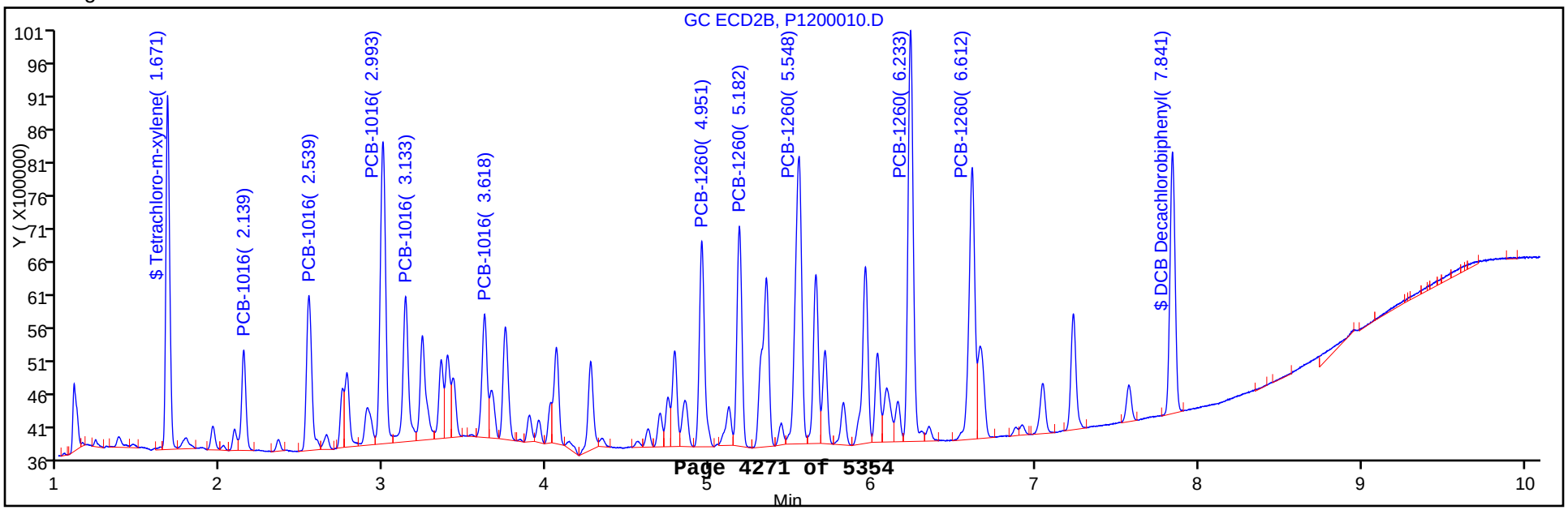
Data File: \\Ncchrom\ChromData\A2HP12\20130408-18636.b\P1200010.D

Injection Date:	08-Apr-2013 15:51:28	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80924	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22648-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-80924/10

Matrix: Water | Lab File ID: P1200010.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/08/2013 15:51

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 80924 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	*Aroclor-1221*	*0.00020*	*U*	*0.050*	0.00020	*0.013*
12674-11-2	*Aroclor-1016*	*0.0622*		*0.050*	0.00020	*0.017*
11141-16-5	*Aroclor-1232*	*0.00020*	*U*	*0.050*	0.00020	*0.016*
53469-21-9	*Aroclor-1242*	*0.00040*	*U*	*0.050*	0.00040	*0.022*
12672-29-6	*Aroclor-1248*	*0.00020*	*U*	*0.050*	0.00020	*0.010*
11097-69-1	*Aroclor-1254*	*0.00020*	*U*	*0.050*	0.00020	*0.016*
11096-82-5	*Aroclor-1260*	*0.0519*		*0.050*	0.00020	*0.017*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	130		50-150
2051-24-3	DCB Decachlorobiphenyl	118		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130408-18636.b\P1200010.D
Lims ID: MRL Client ID:
Inject. Date: 08-Apr-2013 15:51:28 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0018636-010
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 10
Lims Batch ID: 80924 Lims Sample ID: 10
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130408-18636.b\PCB12.m
Last Update: 09-Apr-2013 14:40:09 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK030

First Level Reviewer: hassl Date: 09-Apr-2013 14:38:54

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.297	1.297	0.000	3161489	0.003223			
2	2	1.671	1.670	0.001	8707609	0.003262			
						RPD = 1.20			
3 PCB-1221									
1	2		1.435						
1	3		1.545						
1	4		1.577						
2	4		1.951						
2	5		2.084						
2	6		2.140						
6 PCB-1016									
1	100	1.576	1.575	0.001	918648	0.0568			100.0
1	2	1.867	1.865	0.002	1742302	0.0579	165.5- 215.5	189.7	
1	3	2.267	2.266	0.001	3819040	0.0597	356.7- 406.7	415.7	
1	4	2.389	2.388	0.001	1566191	0.0580	144.0- 194.0	170.5	
1	5	2.775	2.774	0.001	1619720	0.0573	153.1- 203.1	176.3	
			Average of Peak Amounts =			0.0579			
2	6	2.139	2.137	0.002	2832729	0.0625			100.0
2	7	2.539	2.537	0.002	5329465	0.0609	165.6- 225.6	188.1	
2	8	2.993	2.993	0.000	10671241	0.0587	366.1- 426.1	376.7	
2	9	3.133	3.132	0.001	5288177	0.0668	144.6- 204.6	186.7	
2	10	3.618	3.618	0.000	4090798	0.0621	112.9- 172.9	144.4	
			Average of Peak Amounts =			0.0622			
						RPD = 7.09			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.577						
1	2		1.868						
1	3		2.267						
1	4		2.391						
1	5		2.775						
2	6		2.139						
2	7		2.539						
2	8		2.994						
2	9		3.132						
2	10		3.618						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.271						
1	4		2.393						
1	5		2.778						
2	6		2.141						
2	7		2.541						
2	8		2.996						
2	9		3.134						
2	10		3.747						
7 PCB-1248									
1	86		1.869						
1	2		2.269						
1	3		2.778						
1	4		3.360						
1	5		3.796						
2	6		2.539						
2	7		2.994						
2	8		3.620						
2	9		4.064						
2	10		4.745						
8 PCB-1254									
1	100		3.407						
1	2		3.795						
1	3		4.078						
1	4		4.270						
1	5		4.551						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.550						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.983	3.982	0.001	2354029	0.0540		100.0	
1	2	4.271	4.270	0.001	4626824	0.0537	172.1- 222.1	196.5	
1	3	4.550	4.547	0.003	4546448	0.0538	168.4- 218.4	193.1	
1	4	5.248	5.247	0.001	6075813	0.0514	244.3- 294.3	258.1	
1	5	5.531	5.531	0.000	2893642	0.0516	104.3- 154.3	122.9	
			Average of Peak Amounts =			0.0529			
2	6	4.951	4.950	0.001	6938704	0.0534		100.0	
2	7	5.182	5.182	0.000	7075738	0.0487	80.1- 140.1	102.0	
2	8	5.548	5.547	0.001	12033476	0.0521	146.6- 206.6	173.4	
2	9	6.233	6.232	0.001	14160954	0.0527	174.1- 234.1	204.1	
2	10	6.612	6.610	0.002	10537519	0.0527	121.8- 181.8	151.9	
			Average of Peak Amounts =			0.0519			
						RPD = 1.88			
9 PCB-1262									
1	100		3.985						
1	2		4.274						
1	3		4.676						
1	4		5.250						
1	5		5.581						
2	6		5.183						
2	7		5.653						
2	8		5.957						
2	9		6.235						
2	10		6.611						
11 PCB-1268									
1	100		5.582						
1	2		5.619						
1	3		5.818						
1	4		6.192						
1	5		6.489						
2	6		6.610						
2	7		6.658						
2	8		6.920						
2	9		7.234						
2	10		7.575						
$ 12 DCB Decachlorobiphenyl									
1	100	6.683	6.682	0.001	2814793	0.002760			
2	2	7.841	7.840	0.001	8707117	0.002943			
						RPD = 6.44			

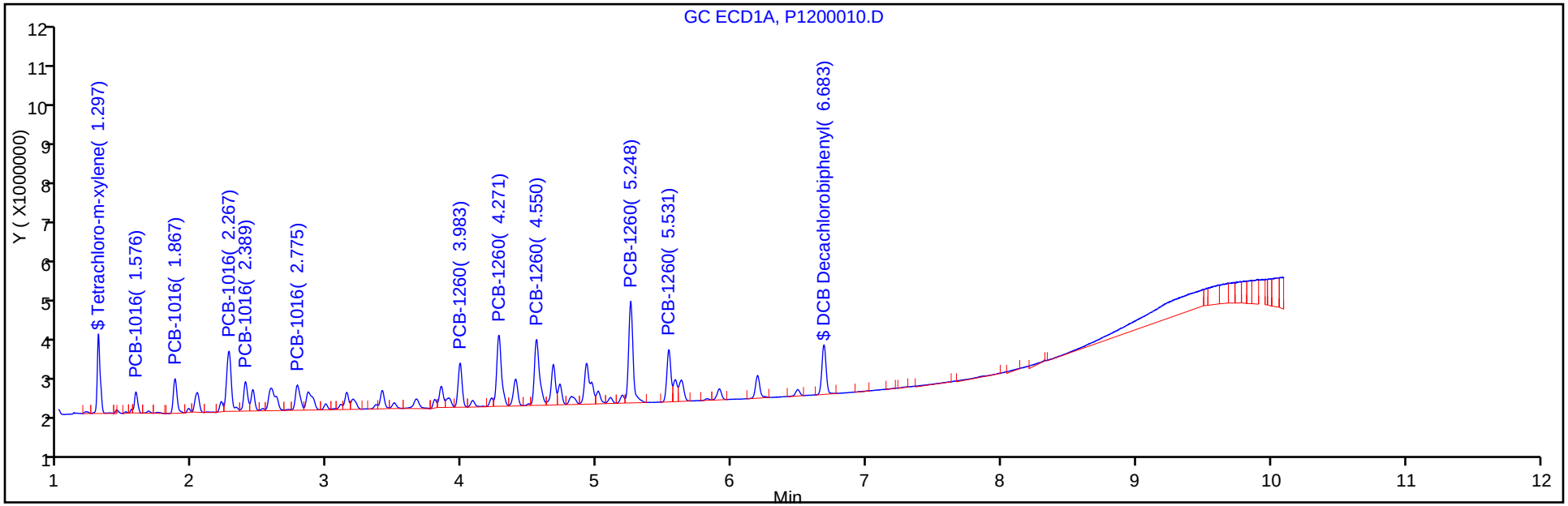
Report Date: 09-Apr-2013 14:40:11 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

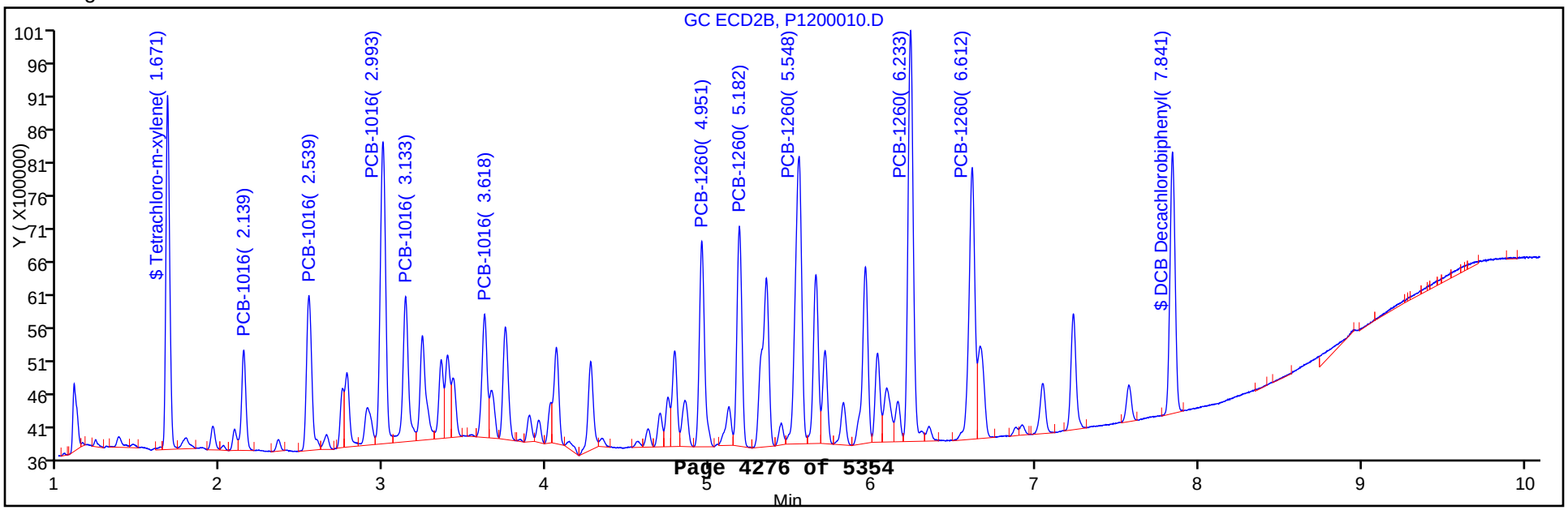
Data File: \\Ncchrom\ChromData\A2HP12\20130408-18636.b\P1200010.D

Injection Date:	08-Apr-2013 15:51:28	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80924	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-81439/10

Matrix: Solid Lab File ID: P1200010.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 04/11/2013 10:03

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 81439 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	0.00020	U	0.050	0.00020	0.013
12674-11-2	Aroclor-1016	0.0700	^	0.050	0.00020	0.017
11141-16-5	Aroclor-1232	0.00020	U	0.050	0.00020	0.016
53469-21-9	Aroclor-1242	0.00040	U	0.050	0.00040	0.022
12672-29-6	Aroclor-1248	0.00020	U	0.050	0.00020	0.010
11097-69-1	Aroclor-1254	0.00020	U	0.050	0.00020	0.016
11096-82-5	Aroclor-1260	0.0590		0.050	0.00020	0.017

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	145	Q	50-150
2051-24-3	DCB Decachlorobiphenyl	131	Q	50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200010.D
Lims ID: MRL Client ID:
Inject. Date: 11-Apr-2013 10:03:31 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0018757-010
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 10
Lims Batch ID: 81439 Lims Sample ID: 10
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\PCB12.m
Last Update: 12-Apr-2013 08:13:43 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK025

First Level Reviewer: hassl Date: 12-Apr-2013 08:03:43

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.300	0.000	3550648	0.003620			
2	2	1.673	1.671	0.002	9106303	0.003411			
						RPD = 5.93			
3 PCB-1221									M
1	2		1.435						
1	3		1.560						
1	4		1.577						
2	4		1.950						
2	5		2.082						
2	6		2.139						
6 PCB-1016									M
1	100	1.579	1.578	0.001	1198972	0.0741		100.0	M
1	2	1.869	1.867	0.002	2038345	0.0678	165.5- 215.5	170.0	
1	3	2.271	2.269	0.002	4384481	0.0685	356.7- 406.7	365.7	
1	4	2.392	2.391	0.001	1859517	0.0688	144.0- 194.0	155.1	
1	5	2.778	2.776	0.002	1998068	0.0707	153.1- 203.1	166.6	
			Average of Peak Amounts =			0.0700			
2	6	2.140	2.138	0.002	3034604	0.0670		100.0	
2	7	2.541	2.539	0.002	5690858	0.0650	165.6- 225.6	187.5	
2	8	2.995	2.993	0.002	11242243	0.0618	366.1- 426.1	370.5	
2	9	3.133	3.131	0.002	5735181	0.0724	144.6- 204.6	189.0	
2	10	3.619	3.618	0.001	4932015	0.0749	112.9- 172.9	162.5	
			Average of Peak Amounts =			0.0682			
						RPD = 2.55			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100		1.578						
1	2		1.869						
1	3		2.269						
1	4		2.392						
1	5		2.777						
2	6		2.139						
2	7		2.539						
2	8		2.995						
2	9		3.133						
2	10		3.620						
4 PCB-1232									M
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.778						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.134						
2	10		3.745						
7 PCB-1248									
1	86		1.867						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.796						
2	6		2.537						
2	7		2.993						
2	8		3.618						
2	9		4.062						
2	10		4.742						
8 PCB-1254									
1	100		3.407						
1	2		3.794						
1	3		4.077						
1	4		4.271						
1	5		4.552						
2	6		4.269						
2	7		4.742						
2	8		4.989						
2	9		5.347						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.986	3.984	0.002	2610426	0.0599		100.0	
1	2	4.272	4.271	0.001	5122734	0.0595	172.1- 222.1	196.2	
1	3	4.552	4.551	0.001	5023175	0.0595	168.4- 218.4	192.4	
1	4	5.251	5.251	0.000	6619026	0.0559	244.3- 294.3	253.6	
1	5	5.533	5.532	0.001	3380178	0.0602	104.3- 154.3	129.5	
			Average of Peak Amounts =			0.0590			
2	6	4.951	4.951	0.000	7361870	0.0567		100.0	
2	7	5.183	5.182	0.001	8221692	0.0566	80.1- 140.1	111.7	
2	8	5.548	5.548	0.000	12701086	0.0549	146.6- 206.6	172.5	
2	9	6.235	6.232	0.003	14855080	0.0553	174.1- 234.1	201.8	
2	10	6.612	6.612	0.000	11795952	0.0589	121.8- 181.8	160.2	
			Average of Peak Amounts =			0.0565			
						RPD = 4.35			
9 PCB-1262									
1	100		3.985						
1	2		4.274						
1	3		4.677						
1	4		5.252						
1	5		5.582						
2	6		5.182						
2	7		5.652						
2	8		5.957						
2	9		6.234						
2	10		6.611						
11 PCB-1268									
1	100		5.581						
1	2		5.619						
1	3		5.817						
1	4		6.192						
1	5		6.489						
2	6		6.609						
2	7		6.656						
2	8		6.918						
2	9		7.232						
2	10		7.574						
$ 12 DCB Decachlorobiphenyl									
1	100	6.682	6.685	-0.003	3349127	0.003283			
2	2	7.841	7.841	0.000	9241378	0.003124			
						RPD = 4.98			

QC Flag Legend

Review Flags
M - Manually Integrated

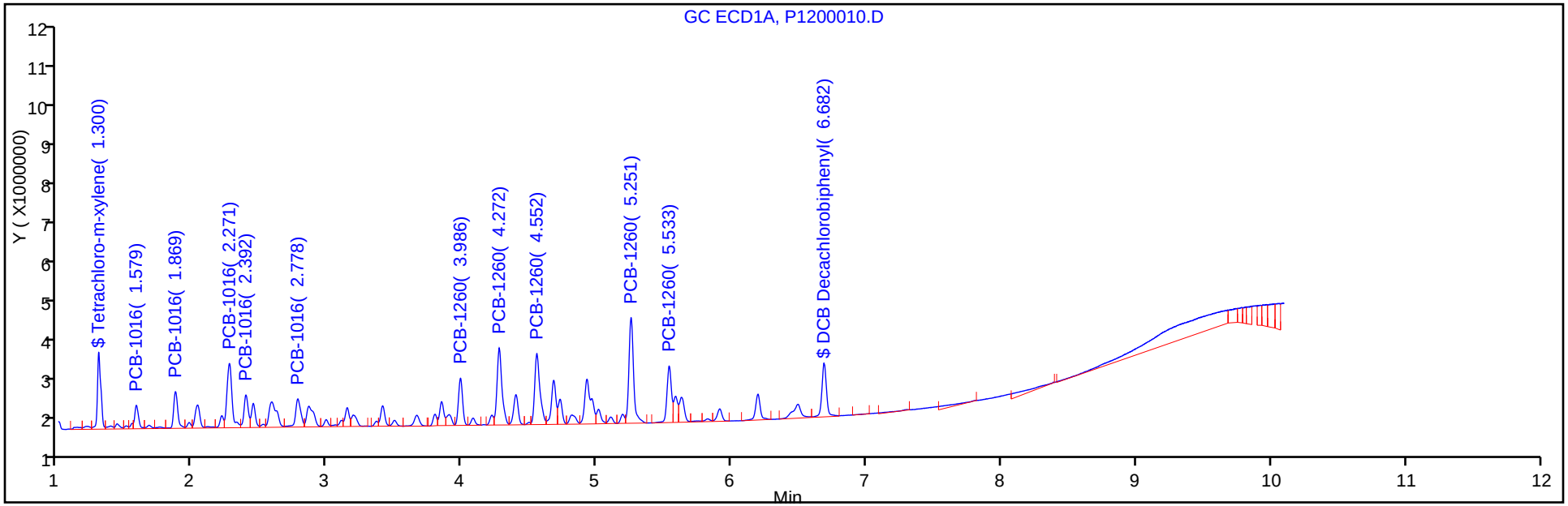
Report Date: 12-Apr-2013 08:13:43 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

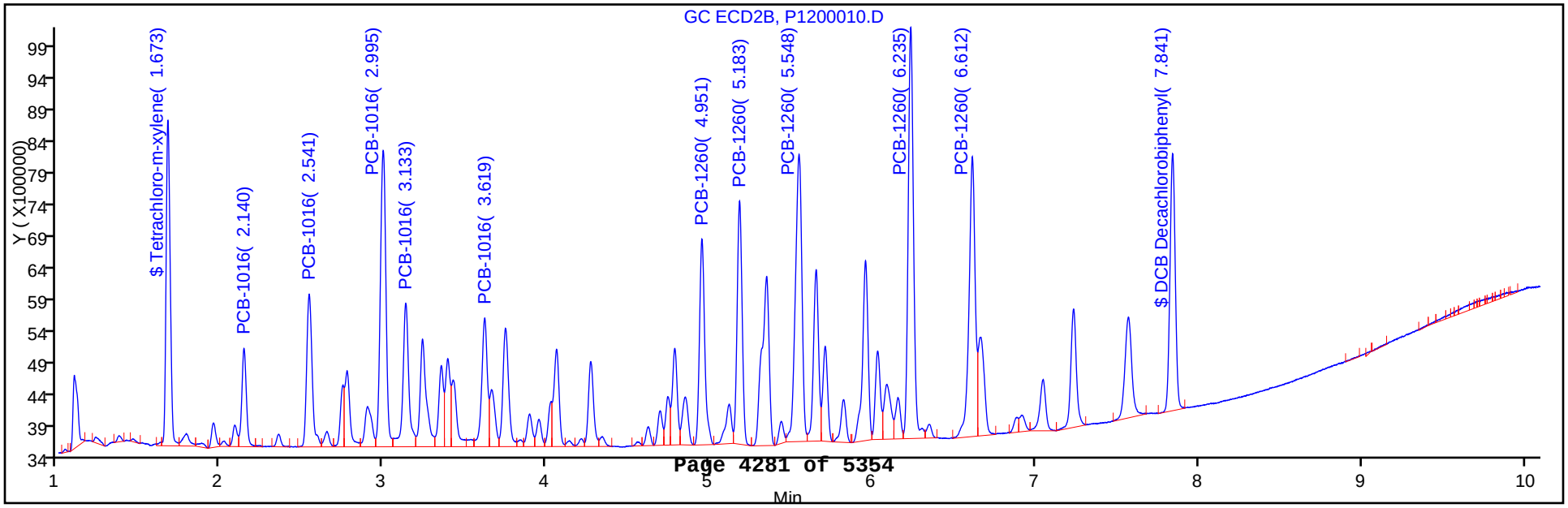
Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200010.D

Injection Date:	11-Apr-2013 10:03:31	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81439	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



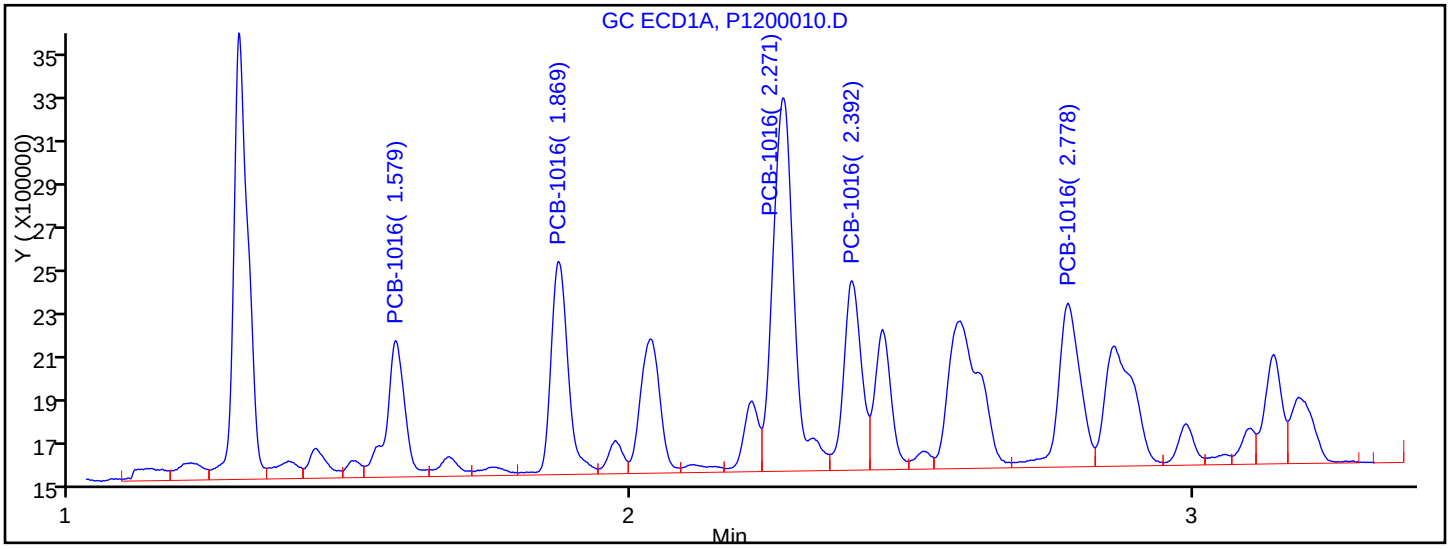
Report Date: 12-Apr-2013 08:13:43 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200010.D

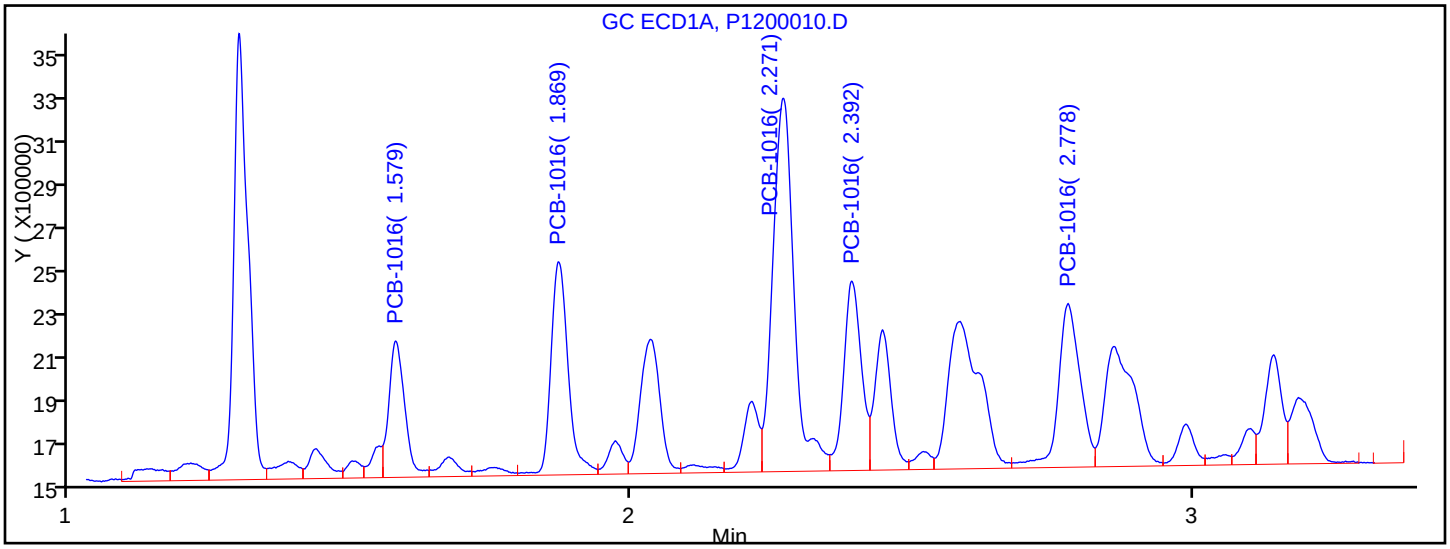
Injection Date:	11-Apr-2013 10:03:31	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81439	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.579	Response = 1402427	M
RT = 1.869	Response = 2038345	
RT = 2.271	Response = 4384481	
RT = 2.392	Response = 1859517	
RT = 2.778	Response = 1998068	



Manual Integration Results

RT = 1.579	Response = 1198972	M
RT = 1.869	Response = 2038345	
RT = 2.271	Response = 4384481	
RT = 2.392	Response = 1859517	
RT = 2.778	Response = 1998068	

Reviewer: hassl, 12-Apr-2013 08:03:43

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-81439/10

Matrix: Solid Lab File ID: P1200010.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 04/11/2013 10:03

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 81439 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	*Aroclor-1221*	*0.00020*	*U*	*0.050*	0.00020	*0.013*
12674-11-2	*Aroclor-1016*	*0.0682*	^	*0.050*	0.00020	*0.017*
11141-16-5	*Aroclor-1232*	*0.00020*	*U*	*0.050*	0.00020	*0.016*
53469-21-9	*Aroclor-1242*	*0.00040*	*U*	*0.050*	0.00040	*0.022*
12672-29-6	*Aroclor-1248*	*0.00020*	*U*	*0.050*	0.00020	*0.010*
11097-69-1	*Aroclor-1254*	*0.00020*	*U*	*0.050*	0.00020	*0.016*
11096-82-5	*Aroclor-1260*	*0.0565*		*0.050*	0.00020	*0.017*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	136		50-150
2051-24-3	DCB Decachlorobiphenyl	125		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200010.D
Lims ID: MRL Client ID:
Inject. Date: 11-Apr-2013 10:03:31 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0018757-010
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 10
Lims Batch ID: 81439 Lims Sample ID: 10
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\PCB12.m
Last Update: 12-Apr-2013 08:13:43 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK025

First Level Reviewer: hassl Date: 12-Apr-2013 08:03:43

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.300	0.000	3550648	0.003620			
2	2	1.673	1.671	0.002	9106303	0.003411			
						RPD = 5.93			
3 PCB-1221									M
1	2		1.435						
1	3		1.560						
1	4		1.577						
2	4		1.950						
2	5		2.082						
2	6		2.139						
6 PCB-1016									M
1	100	1.579	1.578	0.001	1198972	0.0741		100.0	M
1	2	1.869	1.867	0.002	2038345	0.0678	165.5- 215.5	170.0	
1	3	2.271	2.269	0.002	4384481	0.0685	356.7- 406.7	365.7	
1	4	2.392	2.391	0.001	1859517	0.0688	144.0- 194.0	155.1	
1	5	2.778	2.776	0.002	1998068	0.0707	153.1- 203.1	166.6	
			Average of Peak Amounts =			0.0700			
2	6	2.140	2.138	0.002	3034604	0.0670		100.0	
2	7	2.541	2.539	0.002	5690858	0.0650	165.6- 225.6	187.5	
2	8	2.995	2.993	0.002	11242243	0.0618	366.1- 426.1	370.5	
2	9	3.133	3.131	0.002	5735181	0.0724	144.6- 204.6	189.0	
2	10	3.619	3.618	0.001	4932015	0.0749	112.9- 172.9	162.5	
			Average of Peak Amounts =			0.0682			
						RPD = 2.55			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100		1.578						
1	2		1.869						
1	3		2.269						
1	4		2.392						
1	5		2.777						
2	6		2.139						
2	7		2.539						
2	8		2.995						
2	9		3.133						
2	10		3.620						
4 PCB-1232									M
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.778						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.134						
2	10		3.745						
7 PCB-1248									
1	86		1.867						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.796						
2	6		2.537						
2	7		2.993						
2	8		3.618						
2	9		4.062						
2	10		4.742						
8 PCB-1254									
1	100		3.407						
1	2		3.794						
1	3		4.077						
1	4		4.271						
1	5		4.552						
2	6		4.269						
2	7		4.742						
2	8		4.989						
2	9		5.347						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.986	3.984	0.002	2610426	0.0599		100.0	
1	2	4.272	4.271	0.001	5122734	0.0595	172.1- 222.1	196.2	
1	3	4.552	4.551	0.001	5023175	0.0595	168.4- 218.4	192.4	
1	4	5.251	5.251	0.000	6619026	0.0559	244.3- 294.3	253.6	
1	5	5.533	5.532	0.001	3380178	0.0602	104.3- 154.3	129.5	
			Average of Peak Amounts =			0.0590			
2	6	4.951	4.951	0.000	7361870	0.0567		100.0	
2	7	5.183	5.182	0.001	8221692	0.0566	80.1- 140.1	111.7	
2	8	5.548	5.548	0.000	12701086	0.0549	146.6- 206.6	172.5	
2	9	6.235	6.232	0.003	14855080	0.0553	174.1- 234.1	201.8	
2	10	6.612	6.612	0.000	11795952	0.0589	121.8- 181.8	160.2	
			Average of Peak Amounts =			0.0565			
						RPD = 4.35			
9 PCB-1262									
1	100		3.985						
1	2		4.274						
1	3		4.677						
1	4		5.252						
1	5		5.582						
2	6		5.182						
2	7		5.652						
2	8		5.957						
2	9		6.234						
2	10		6.611						
11 PCB-1268									
1	100		5.581						
1	2		5.619						
1	3		5.817						
1	4		6.192						
1	5		6.489						
2	6		6.609						
2	7		6.656						
2	8		6.918						
2	9		7.232						
2	10		7.574						
$ 12 DCB Decachlorobiphenyl									
1	100	6.682	6.685	-0.003	3349127	0.003283			
2	2	7.841	7.841	0.000	9241378	0.003124			
						RPD = 4.98			

QC Flag Legend

Review Flags
M - Manually Integrated

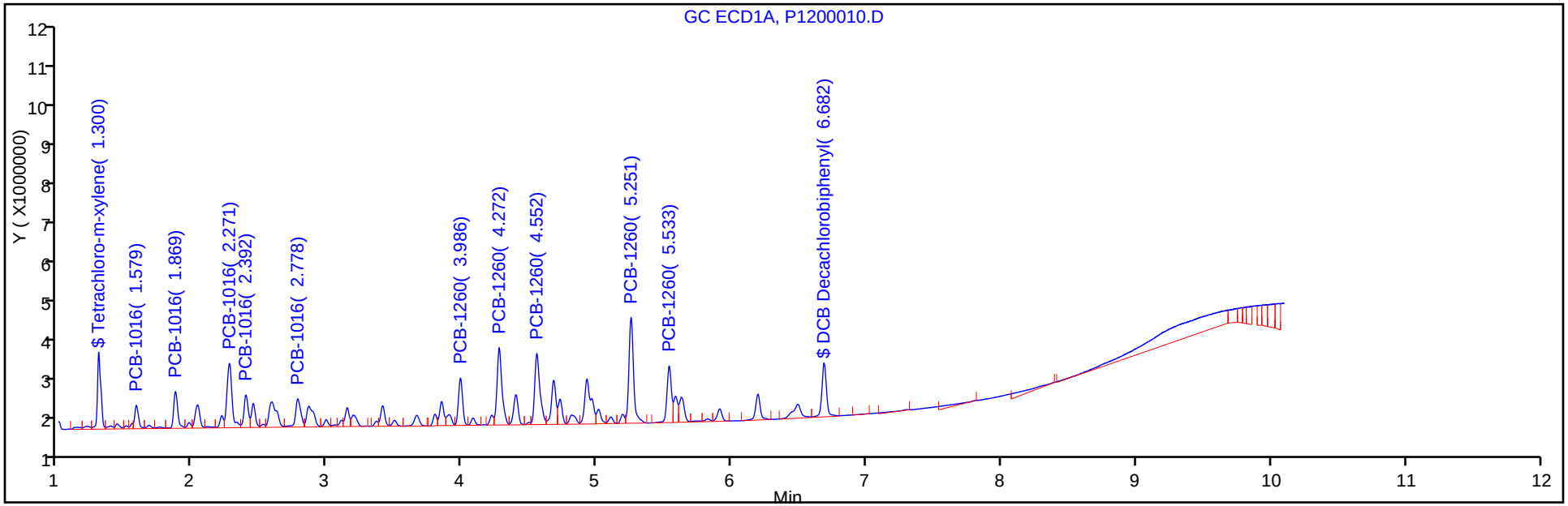
Report Date: 12-Apr-2013 08:13:44 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

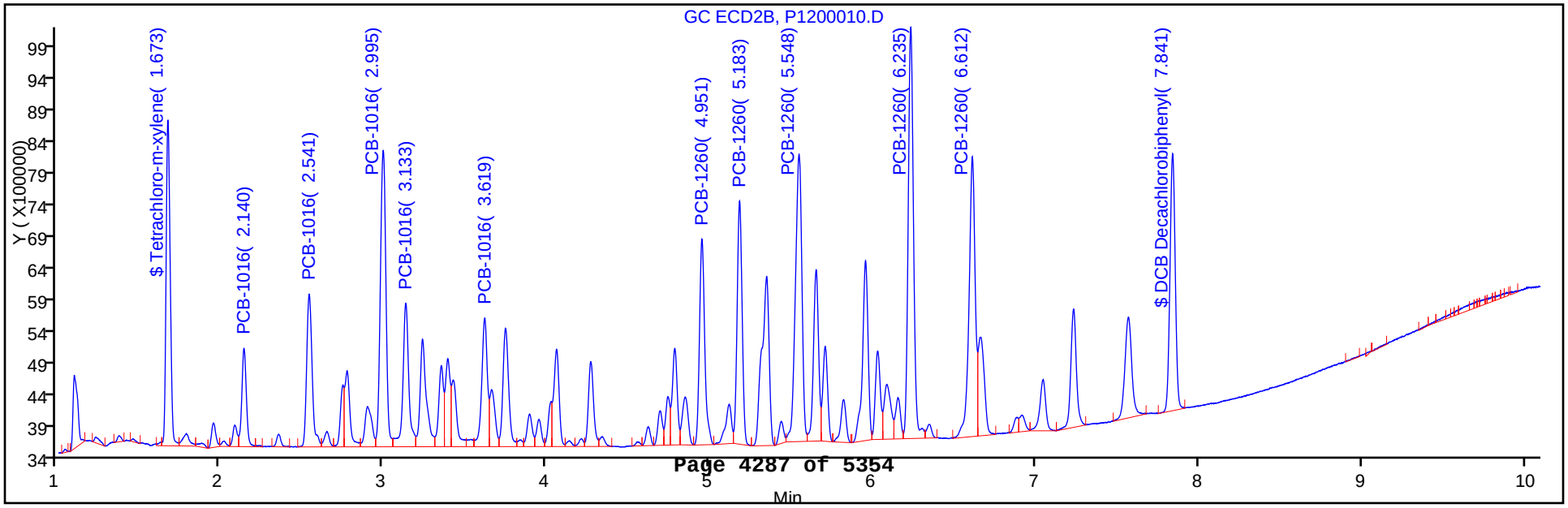
Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200010.D

Injection Date:	11-Apr-2013 10:03:31	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81439	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-81439/31

Matrix: Solid Lab File ID: P1200031.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 04/11/2013 15:09

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 81439 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	0.00020	U	0.050	0.00020	0.013
12674-11-2	Aroclor-1016	0.0669	^	0.050	0.00020	0.017
11141-16-5	Aroclor-1232	0.00020	U	0.050	0.00020	0.016
53469-21-9	Aroclor-1242	0.00040	U	0.050	0.00040	0.022
12672-29-6	Aroclor-1248	0.00020	U	0.050	0.00020	0.010
11097-69-1	Aroclor-1254	0.00020	U	0.050	0.00020	0.016
11096-82-5	Aroclor-1260	0.0572		0.050	0.00020	0.017

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	142	Q	50-150
2051-24-3	DCB Decachlorobiphenyl	118		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200031.D
Lims ID: MRL Client ID:
Inject. Date: 11-Apr-2013 15:09:10 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0018757-031
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 31
Lims Batch ID: 81439 Lims Sample ID: 31
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\PCB12.m
Last Update: 12-Apr-2013 08:14:00 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK025

First Level Reviewer: hassl Date: 12-Apr-2013 08:12:54

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.299	1.299	0.000	3482332	0.003550			
2	2	1.674	1.671	0.003	8828530	0.003307			
						RPD = 7.09			
3 PCB-1221									
1	2		1.435						
1	3		1.560						
1	4		1.577						
2	4		1.950						
2	5		2.082						
2	6		2.139						
6 PCB-1016									M
1	100	1.579	1.578	0.001	1143745	0.0707		100.0	M
1	2	1.870	1.869	0.001	1921603	0.0639	165.5- 215.5	168.0	
1	3	2.269	2.270	-0.001	4233576	0.0662	356.7- 406.7	370.2	
1	4	2.392	2.392	0.000	1802083	0.0667	144.0- 194.0	157.6	
1	5	2.775	2.777	-0.002	1895855	0.0671	153.1- 203.1	165.8	
			Average of Peak Amounts =			0.0669			
2	6	2.141	2.139	0.002	2999514	0.0662		100.0	
2	7	2.540	2.539	0.001	5479874	0.0626	165.6- 225.6	182.7	
2	8	2.995	2.995	0.000	11083912	0.0609	366.1- 426.1	369.5	
2	9	3.134	3.133	0.001	5253723	0.0663	144.6- 204.6	175.2	
2	10	3.619	3.619	0.000	4177921	0.0634	112.9- 172.9	139.3	
			Average of Peak Amounts =			0.0639			
						RPD = 4.59			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.578						
1	2		1.869						
1	3		2.269						
1	4		2.392						
1	5		2.777						
2	6		2.139						
2	7		2.539						
2	8		2.995						
2	9		3.133						
2	10		3.620						
4 PCB-1232									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.778						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.134						
2	10		3.745						
7 PCB-1248									
1	86		1.867						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.796						
2	6		2.537						
2	7		2.993						
2	8		3.618						
2	9		4.062						
2	10		4.742						
8 PCB-1254									
1	100		3.407						
1	2		3.794						
1	3		4.077						
1	4		4.271						
1	5		4.552						
2	6		4.269						
2	7		4.742						
2	8		4.989						
2	9		5.347						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.982	3.984	-0.002	2510576	0.0576		100.0	
1	2	4.271	4.273	-0.002	4992031	0.0580	172.1- 222.1	198.8	
1	3	4.551	4.550	0.001	4898191	0.0580	168.4- 218.4	195.1	
1	4	5.250	5.250	0.000	6579851	0.0556	244.3- 294.3	262.1	
1	5	5.533	5.532	0.001	3177932	0.0566	104.3- 154.3	126.6	
			Average of Peak Amounts =			0.0572			
2	6	4.953	4.951	0.002	7270112	0.0560		100.0	
2	7	5.183	5.182	0.001	8081708	0.0556	80.1- 140.1	111.2	
2	8	5.549	5.548	0.001	12493310	0.0540	146.6- 206.6	171.8	
2	9	6.233	6.234	-0.001	14464847	0.0538	174.1- 234.1	199.0	
2	10	6.611	6.611	0.000	10741801	0.0537	121.8- 181.8	147.8	
			Average of Peak Amounts =			0.0546			
						RPD = 4.52			
9 PCB-1262									
1	100		3.985						
1	2		4.274						
1	3		4.677						
1	4		5.252						
1	5		5.582						
2	6		5.182						
2	7		5.652						
2	8		5.957						
2	9		6.234						
2	10		6.611						
11 PCB-1268									
1	100		5.581						
1	2		5.619						
1	3		5.817						
1	4		6.192						
1	5		6.489						
2	6		6.609						
2	7		6.656						
2	8		6.918						
2	9		7.232						
2	10		7.574						
$ 12 DCB Decachlorobiphenyl									
1	100	6.683	6.683	0.000	3020861	0.002962			
2	2	7.841	7.840	0.001	8894146	0.003006			
						RPD = 1.50			

QC Flag Legend

Review Flags
M - Manually Integrated

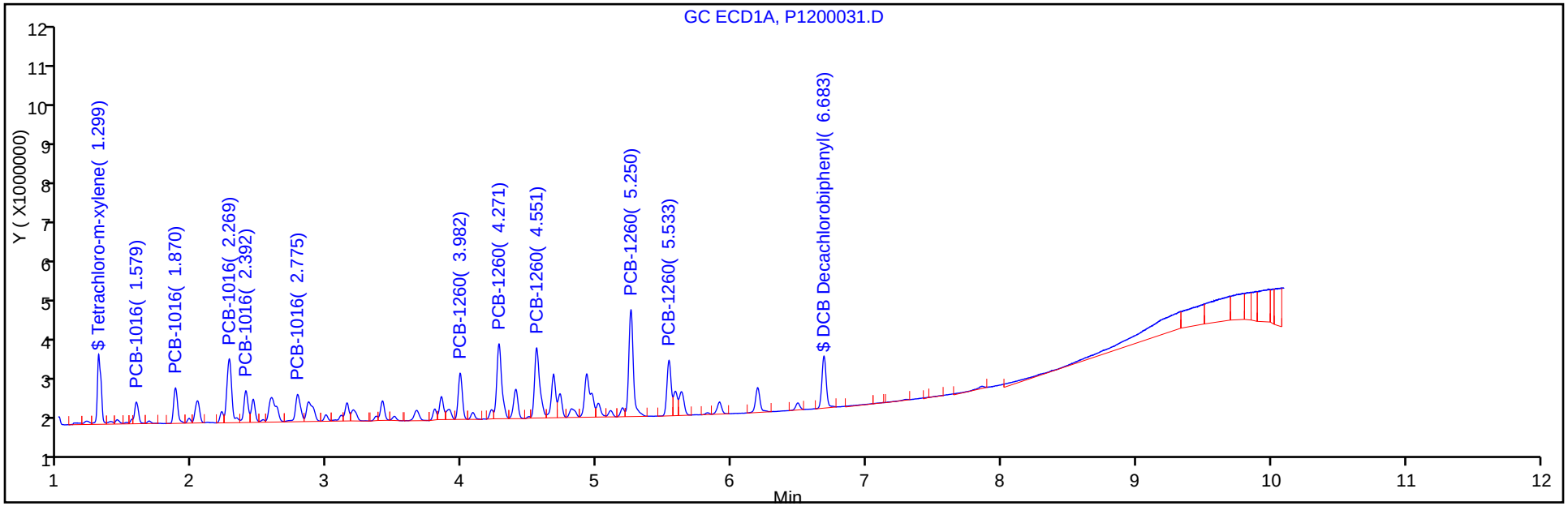
Report Date: 12-Apr-2013 08:14:03 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

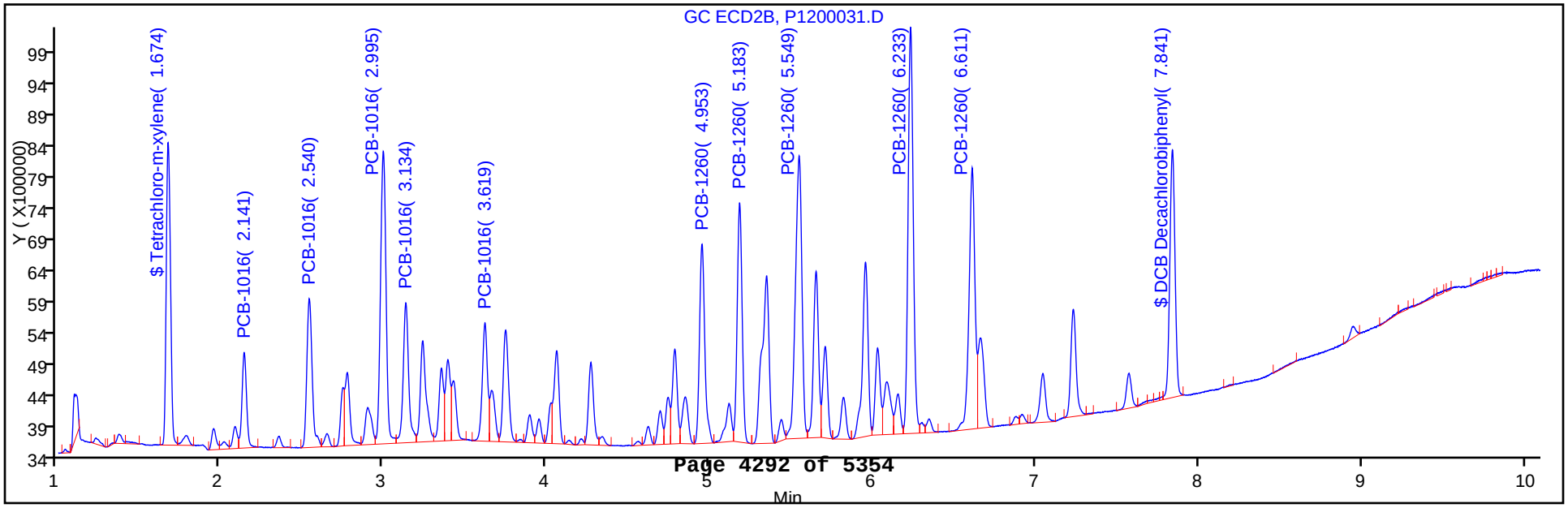
Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200031.D

Injection Date:	11-Apr-2013 15:09:10	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81439	Lims Sample ID:	31
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



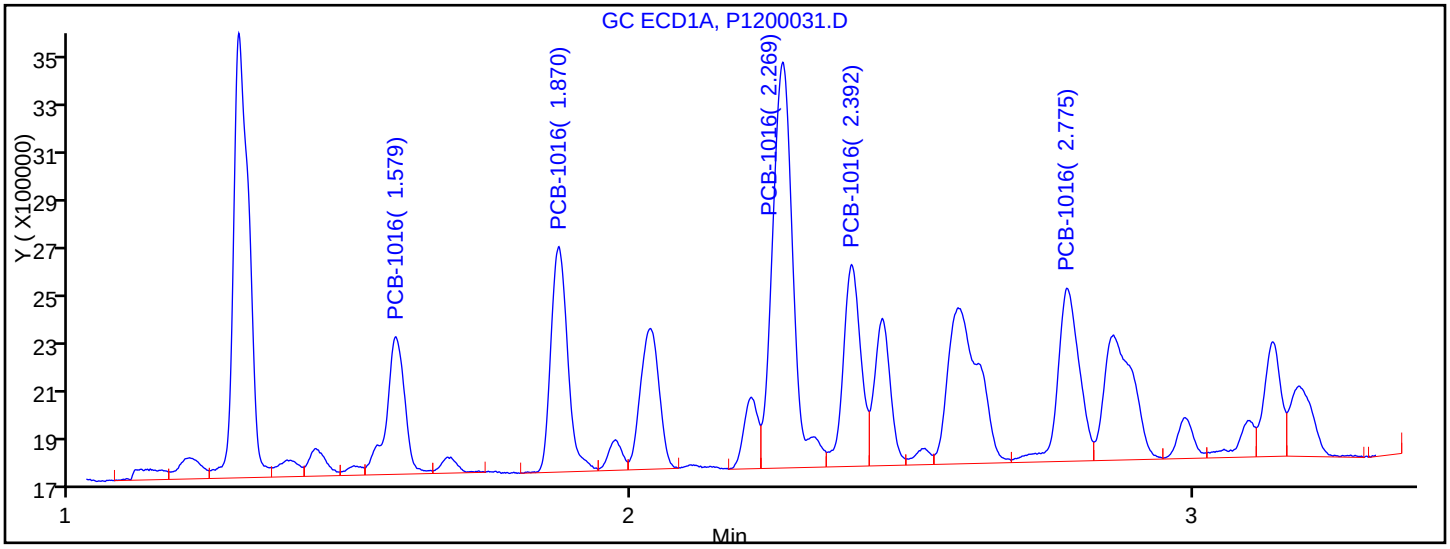
Report Date: 12-Apr-2013 08:14:04 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200031.D

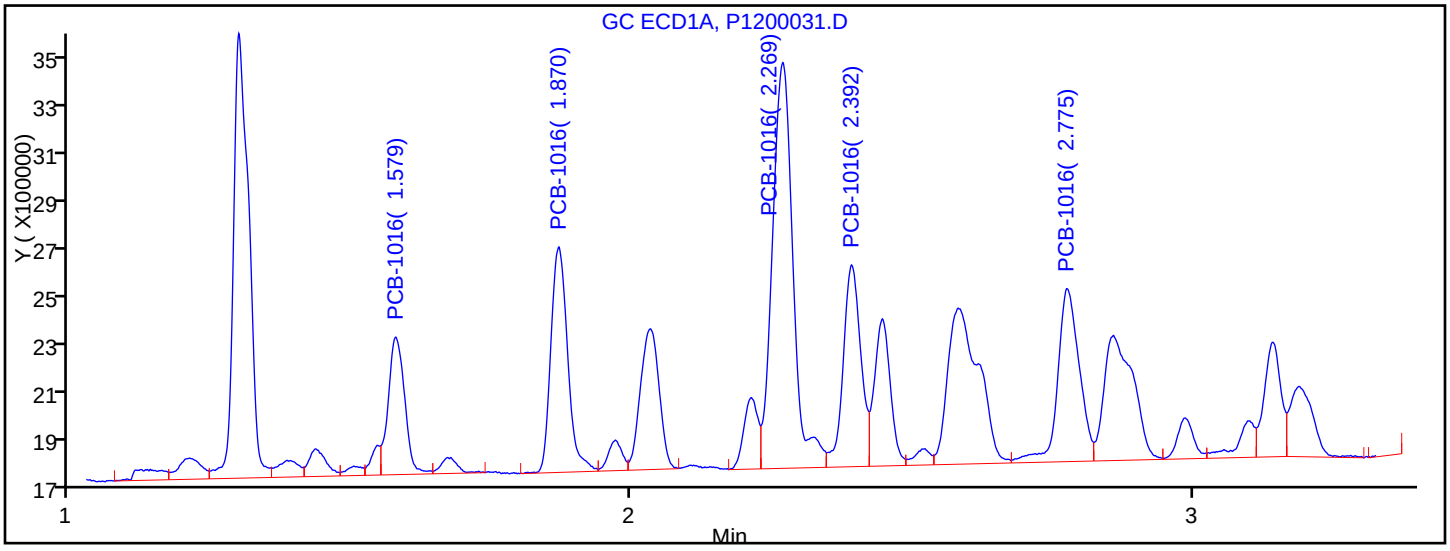
Injection Date:	11-Apr-2013 15:09:10	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81439	Lims Sample ID:	31
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.579	Response = 1283429	M
RT = 1.870	Response = 1921603	
RT = 2.269	Response = 4233576	
RT = 2.392	Response = 1802083	
RT = 2.775	Response = 1895855	



Manual Integration Results

RT = 1.579	Response = 1143745	M
RT = 1.870	Response = 1921603	
RT = 2.269	Response = 4233576	
RT = 2.392	Response = 1802083	
RT = 2.775	Response = 1895855	

Reviewer: hassl, 12-Apr-2013 08:12:54

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-81439/31

Matrix: Solid Lab File ID: P1200031.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 04/11/2013 15:09

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 81439 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	*Aroclor-1221*	*0.00020*	*U*	*0.050*	0.00020	*0.013*
12674-11-2	*Aroclor-1016*	*0.0639*		*0.050*	0.00020	*0.017*
11141-16-5	*Aroclor-1232*	*0.00020*	*U*	*0.050*	0.00020	*0.016*
53469-21-9	*Aroclor-1242*	*0.00040*	*U*	*0.050*	0.00040	*0.022*
12672-29-6	*Aroclor-1248*	*0.00020*	*U*	*0.050*	0.00020	*0.010*
11097-69-1	*Aroclor-1254*	*0.00020*	*U*	*0.050*	0.00020	*0.016*
11096-82-5	*Aroclor-1260*	*0.0546*		*0.050*	0.00020	*0.017*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	132		50-150
2051-24-3	DCB Decachlorobiphenyl	120		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200031.D
Lims ID: MRL Client ID:
Inject. Date: 11-Apr-2013 15:09:10 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0018757-031
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 31
Lims Batch ID: 81439 Lims Sample ID: 31
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\PCB12.m
Last Update: 12-Apr-2013 08:14:00 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK025

First Level Reviewer: hassl Date: 12-Apr-2013 08:12:54

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.299	1.299	0.000	3482332	0.003550			
2	2	1.674	1.671	0.003	8828530	0.003307			
						RPD = 7.09			
3 PCB-1221									
1	2		1.435						
1	3		1.560						
1	4		1.577						
2	4		1.950						
2	5		2.082						
2	6		2.139						
6 PCB-1016									M
1	100	1.579	1.578	0.001	1143745	0.0707		100.0	M
1	2	1.870	1.869	0.001	1921603	0.0639	165.5- 215.5	168.0	
1	3	2.269	2.270	-0.001	4233576	0.0662	356.7- 406.7	370.2	
1	4	2.392	2.392	0.000	1802083	0.0667	144.0- 194.0	157.6	
1	5	2.775	2.777	-0.002	1895855	0.0671	153.1- 203.1	165.8	
			Average of Peak Amounts =			0.0669			
2	6	2.141	2.139	0.002	2999514	0.0662		100.0	
2	7	2.540	2.539	0.001	5479874	0.0626	165.6- 225.6	182.7	
2	8	2.995	2.995	0.000	11083912	0.0609	366.1- 426.1	369.5	
2	9	3.134	3.133	0.001	5253723	0.0663	144.6- 204.6	175.2	
2	10	3.619	3.619	0.000	4177921	0.0634	112.9- 172.9	139.3	
			Average of Peak Amounts =			0.0639			
						RPD = 4.59			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.578						
1	2		1.869						
1	3		2.269						
1	4		2.392						
1	5		2.777						
2	6		2.139						
2	7		2.539						
2	8		2.995						
2	9		3.133						
2	10		3.620						
4 PCB-1232									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.778						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.134						
2	10		3.745						
7 PCB-1248									
1	86		1.867						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.796						
2	6		2.537						
2	7		2.993						
2	8		3.618						
2	9		4.062						
2	10		4.742						
8 PCB-1254									
1	100		3.407						
1	2		3.794						
1	3		4.077						
1	4		4.271						
1	5		4.552						
2	6		4.269						
2	7		4.742						
2	8		4.989						
2	9		5.347						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.982	3.984	-0.002	2510576	0.0576		100.0	
1	2	4.271	4.273	-0.002	4992031	0.0580	172.1- 222.1	198.8	
1	3	4.551	4.550	0.001	4898191	0.0580	168.4- 218.4	195.1	
1	4	5.250	5.250	0.000	6579851	0.0556	244.3- 294.3	262.1	
1	5	5.533	5.532	0.001	3177932	0.0566	104.3- 154.3	126.6	
			Average of Peak Amounts =			0.0572			
2	6	4.953	4.951	0.002	7270112	0.0560		100.0	
2	7	5.183	5.182	0.001	8081708	0.0556	80.1- 140.1	111.2	
2	8	5.549	5.548	0.001	12493310	0.0540	146.6- 206.6	171.8	
2	9	6.233	6.234	-0.001	14464847	0.0538	174.1- 234.1	199.0	
2	10	6.611	6.611	0.000	10741801	0.0537	121.8- 181.8	147.8	
			Average of Peak Amounts =			0.0546			
						RPD = 4.52			
9 PCB-1262									
1	100		3.985						
1	2		4.274						
1	3		4.677						
1	4		5.252						
1	5		5.582						
2	6		5.182						
2	7		5.652						
2	8		5.957						
2	9		6.234						
2	10		6.611						
11 PCB-1268									
1	100		5.581						
1	2		5.619						
1	3		5.817						
1	4		6.192						
1	5		6.489						
2	6		6.609						
2	7		6.656						
2	8		6.918						
2	9		7.232						
2	10		7.574						
$ 12 DCB Decachlorobiphenyl									
1	100	6.683	6.683	0.000	3020861	0.002962			
2	2	7.841	7.840	0.001	8894146	0.003006			
						RPD = 1.50			

QC Flag Legend

Review Flags
M - Manually Integrated

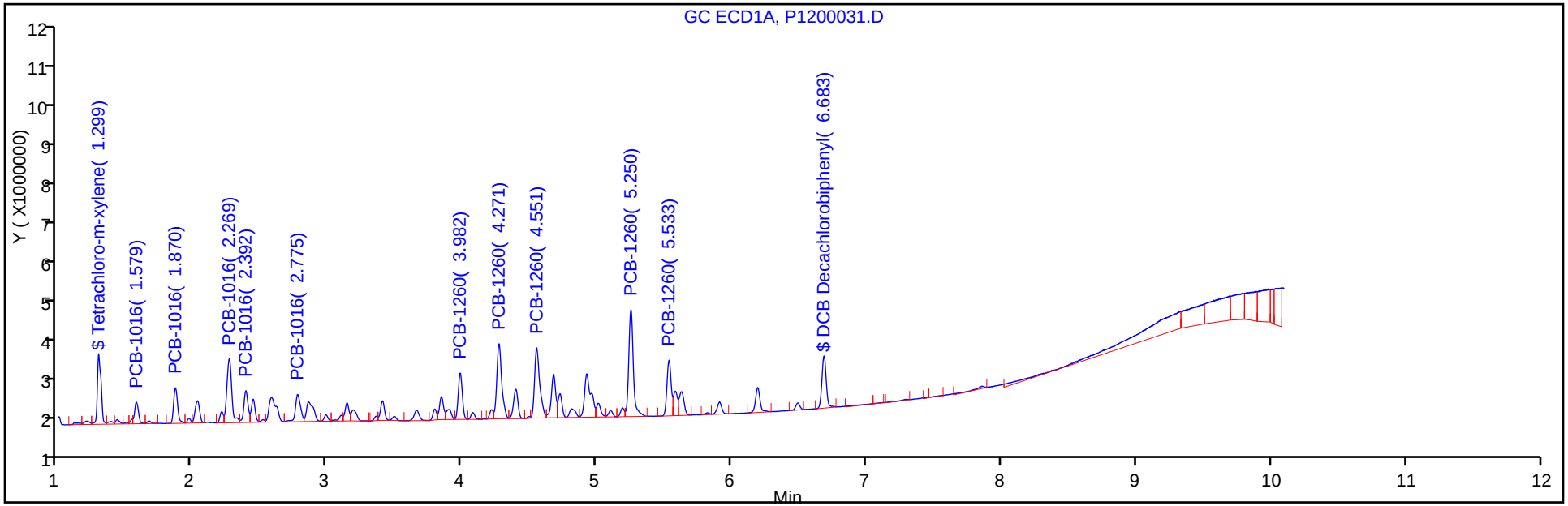
Report Date: 12-Apr-2013 08:14:04 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

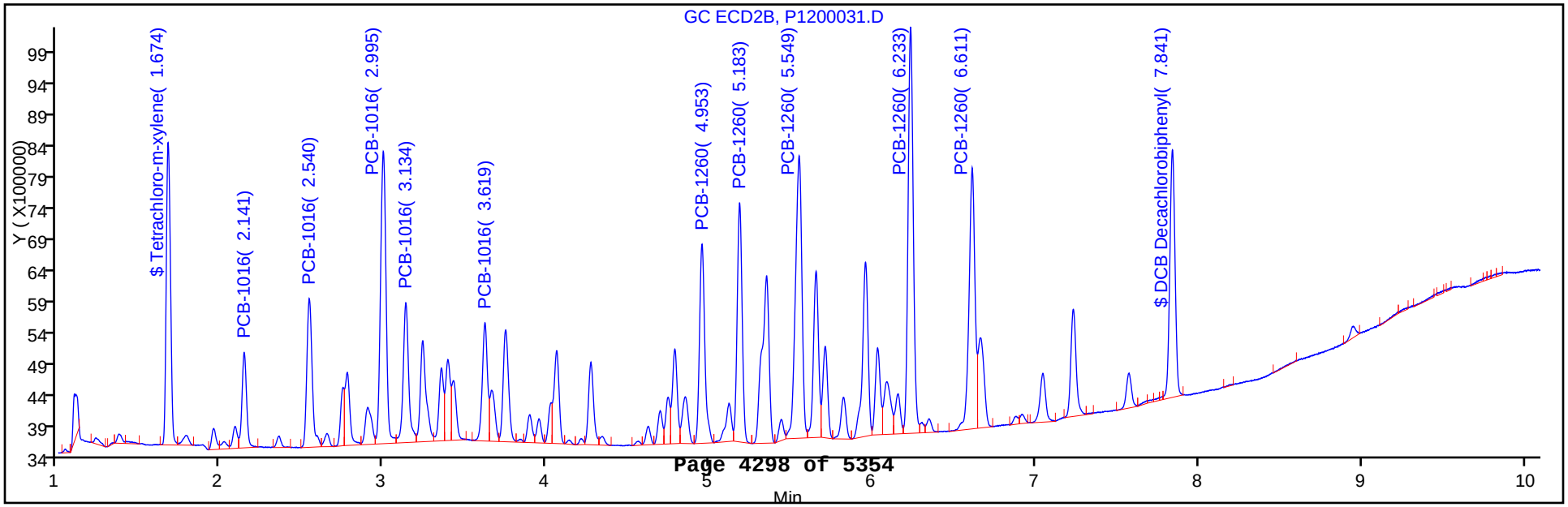
Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200031.D

Injection Date:	11-Apr-2013 15:09:10	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81439	Lims Sample ID:	31
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22648-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-81867/10

Matrix: Solid | Lab File ID: P1200010.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/15/2013 08:28

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 81867 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	*Aroclor-1221*	*0.00020*	*U*	*0.050*	0.00020	*0.013*
12674-11-2	*Aroclor-1016*	*0.0671*	^	*0.050*	0.00020	*0.017*
11141-16-5	*Aroclor-1232*	*0.00020*	*U*	*0.050*	0.00020	*0.016*
53469-21-9	*Aroclor-1242*	*0.00040*	*U*	*0.050*	0.00040	*0.022*
12672-29-6	*Aroclor-1248*	*0.00020*	*U*	*0.050*	0.00020	*0.010*
11097-69-1	*Aroclor-1254*	*0.00020*	*U*	*0.050*	0.00020	*0.016*
11096-82-5	*Aroclor-1260*	*0.0570*		*0.050*	0.00020	*0.017*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	131		50-150
2051-24-3	DCB Decachlorobiphenyl	105		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200010.D
Lims ID: MRL Client ID:
Inject. Date: 15-Apr-2013 08:28:34 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0018856-010
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 10
Lims Batch ID: 81867 Lims Sample ID: 10
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m
Last Update: 16-Apr-2013 09:17:58 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK021

First Level Reviewer: hassl Date: 16-Apr-2013 09:08:32

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.301	1.300	0.001	3205072	0.003268			
2	2	1.675	1.671	0.004	7717905	0.002891			
						RPD = 12.22			
3 PCB-1221									
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									M
1	100	1.582	1.579	0.003	1136904	0.0702		100.0	M
1	2	1.873	1.868	0.005	1977102	0.0657	165.5- 215.5	173.9	
1	3	2.272	2.268	0.004	4232054	0.0661	356.7- 406.7	372.2	
1	4	2.394	2.391	0.003	1808736	0.0669	144.0- 194.0	159.1	
1	5	2.778	2.776	0.002	1873894	0.0663	153.1- 203.1	164.8	
			Average of Peak Amounts =			0.0671			
2	6	2.142	2.139	0.003	2917266	0.0644		100.0	
2	7	2.542	2.539	0.003	5710713	0.0653	165.6- 225.6	195.8	
2	8	2.996	2.994	0.002	11622420	0.0639	366.1- 426.1	398.4	
2	9	3.134	3.133	0.001	5783711	0.0730	144.6- 204.6	198.3	
2	10	3.619	3.619	0.000	4270935	0.0648	112.9- 172.9	146.4	
			Average of Peak Amounts =			0.0663			
						RPD = 1.19			
5 PCB-1242									M
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.986	3.984	0.002	2576162	0.0591		100.0	
1	2	4.275	4.272	0.003	5074103	0.0589	172.1- 222.1	197.0	
1	3	4.552	4.551	0.001	4902148	0.0581	168.4- 218.4	190.3	
1	4	5.251	5.251	0.000	6429475	0.0543	244.3- 294.3	249.6	
1	5	5.534	5.533	0.001	3078324	0.0548	104.3- 154.3	119.5	
			Average of Peak Amounts =			0.0570			
2	6	4.953	4.951	0.002	7401033	0.0570		100.0	
2	7	5.184	5.182	0.002	8275185	0.0570	80.1- 140.1	111.8	
2	8	5.549	5.548	0.001	12609716	0.0546	146.6- 206.6	170.4	
2	9	6.234	6.233	0.001	14509896	0.0540	174.1- 234.1	196.1	
2	10	6.614	6.611	0.003	10868405	0.0543	121.8- 181.8	146.8	
			Average of Peak Amounts =			0.0554			
						RPD = 3.01			
9 PCB-1262									
1	100		3.984						
1	2		4.274						
1	3		4.677						
1	4		5.250						
1	5		5.582						
2	6		5.184						
2	7		5.652						
2	8		5.957						
2	9		6.234						
2	10		6.611						
11 PCB-1268									
1	100		5.582						
1	2		5.621						
1	3		5.818						
1	4		6.193						
1	5		6.489						
2	6		6.610						
2	7		6.657						
2	8		6.919						
2	9		7.233						
2	10		7.575						
$ 12 DCB Decachlorobiphenyl									
1	100	6.687	6.685	0.002	2672502	0.002620			
2	2	7.844	7.841	0.003	7346124	0.002483			
						RPD = 5.37			

QC Flag Legend

Review Flags
M - Manually Integrated

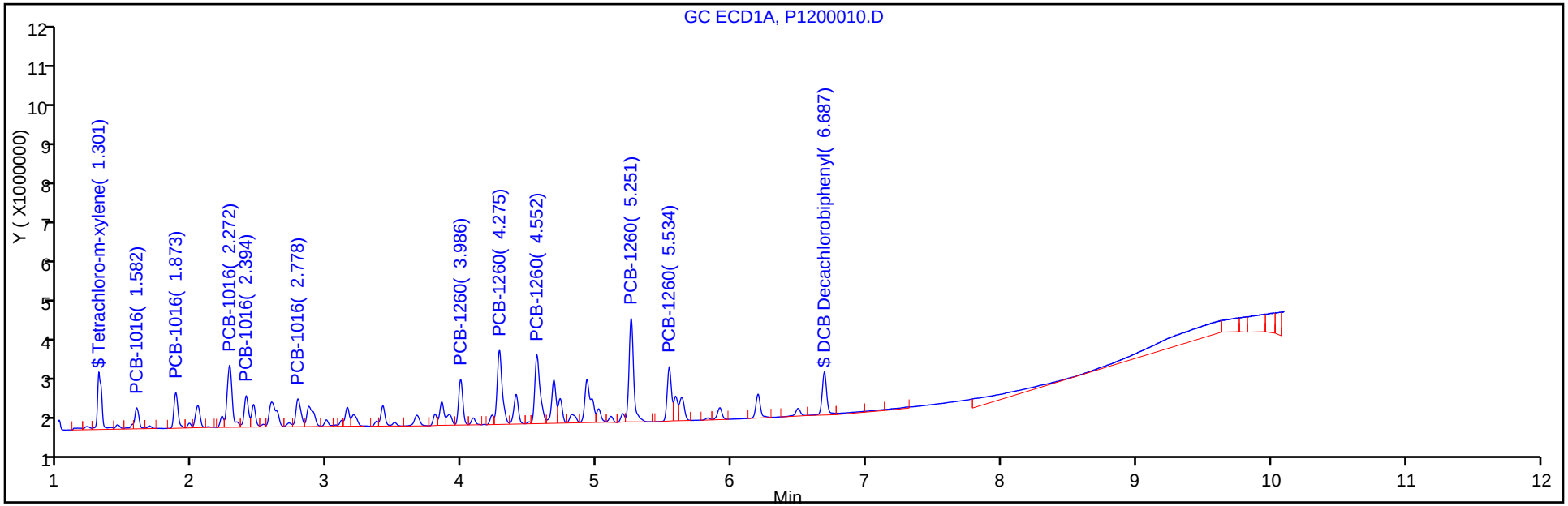
Report Date: 16-Apr-2013 09:17:58 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

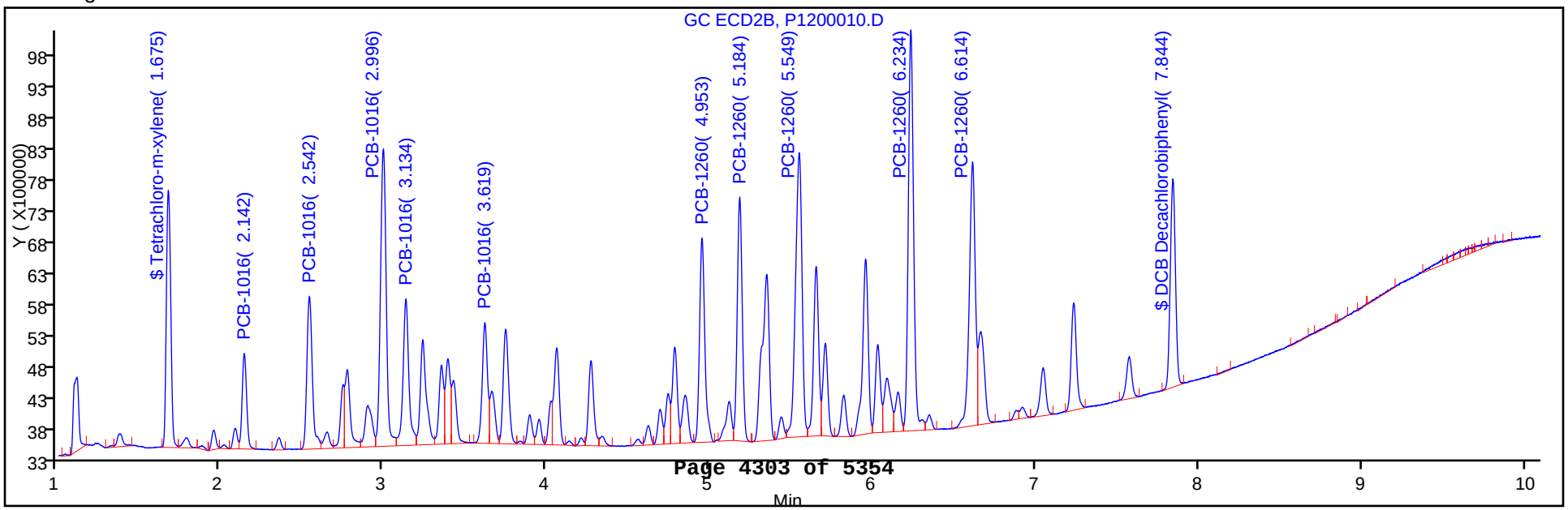
Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200010.D

Injection Date:	15-Apr-2013 08:28:34	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



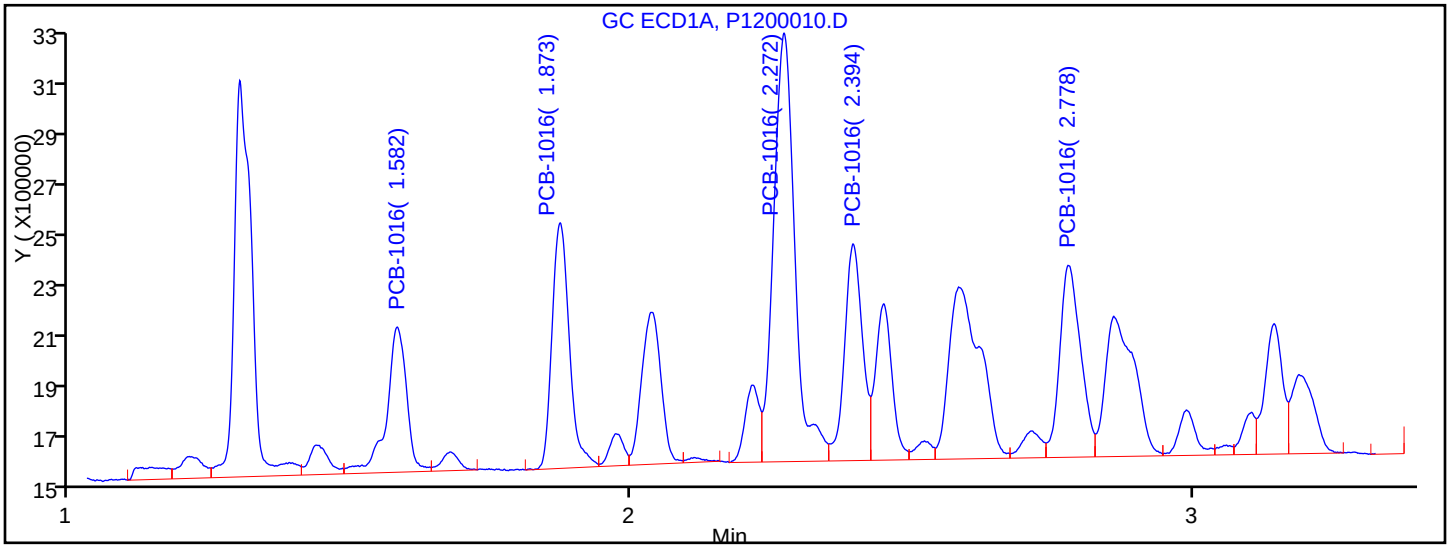
Report Date: 16-Apr-2013 09:17:58 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200010.D

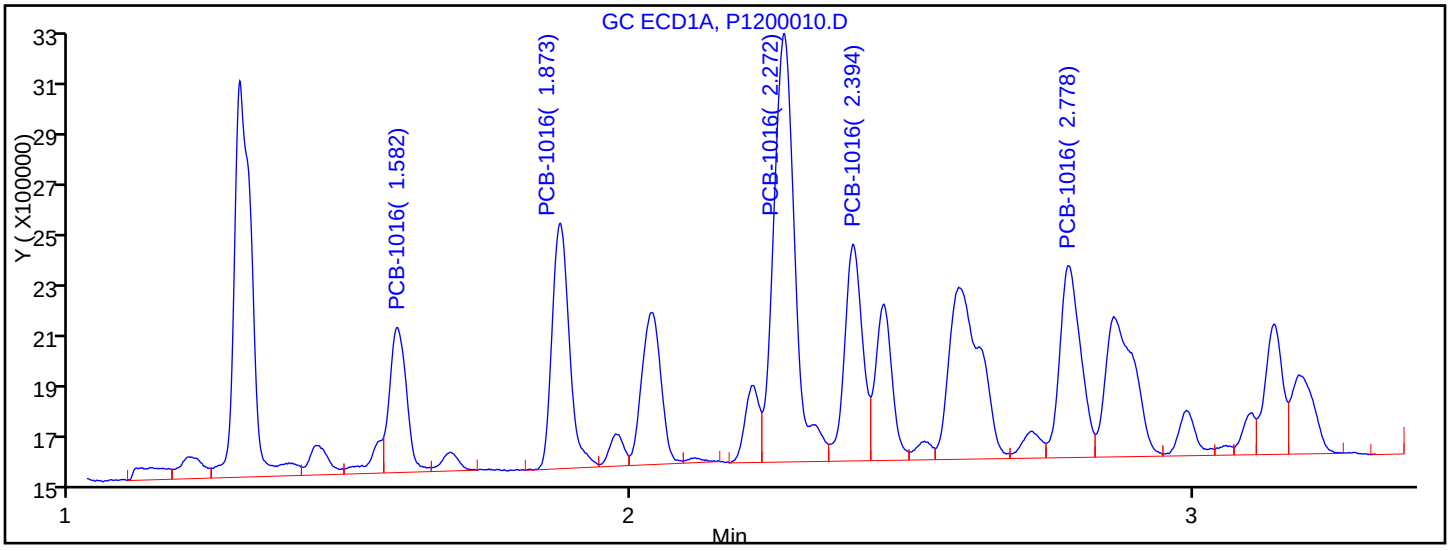
Injection Date:	15-Apr-2013 08:28:34	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.582	Response = 1359988	M
RT = 1.873	Response = 1977102	
RT = 2.272	Response = 4232054	
RT = 2.394	Response = 1808736	
RT = 2.778	Response = 1873894	



Manual Integration Results

RT = 1.582	Response = 1136904	M
RT = 1.873	Response = 1977102	
RT = 2.272	Response = 4232054	
RT = 2.394	Response = 1808736	
RT = 2.778	Response = 1873894	

Reviewer: hassl, 16-Apr-2013 09:08:32

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22648-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-81867/10

Matrix: Solid | Lab File ID: P1200010.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/15/2013 08:28

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 81867 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	0.00020	U	0.050	0.00020	0.013
12674-11-2	Aroclor-1016	0.0663	^	0.050	0.00020	0.017
11141-16-5	Aroclor-1232	0.00020	U	0.050	0.00020	0.016
53469-21-9	Aroclor-1242	0.00040	U	0.050	0.00040	0.022
12672-29-6	Aroclor-1248	0.00020	U	0.050	0.00020	0.010
11097-69-1	Aroclor-1254	0.00020	U	0.050	0.00020	0.016
11096-82-5	Aroclor-1260	0.0554		0.050	0.00020	0.017

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	116		50-150
2051-24-3	DCB Decachlorobiphenyl	99		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200010.D
Lims ID: MRL Client ID:
Inject. Date: 15-Apr-2013 08:28:34 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0018856-010
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 10
Lims Batch ID: 81867 Lims Sample ID: 10
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m
Last Update: 16-Apr-2013 09:17:58 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK021

First Level Reviewer: hassl Date: 16-Apr-2013 09:08:32

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.301	1.300	0.001	3205072	0.003268			
2	2	1.675	1.671	0.004	7717905	0.002891			
						RPD = 12.22			
3 PCB-1221									
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									M
1	100	1.582	1.579	0.003	1136904	0.0702		100.0	M
1	2	1.873	1.868	0.005	1977102	0.0657	165.5- 215.5	173.9	
1	3	2.272	2.268	0.004	4232054	0.0661	356.7- 406.7	372.2	
1	4	2.394	2.391	0.003	1808736	0.0669	144.0- 194.0	159.1	
1	5	2.778	2.776	0.002	1873894	0.0663	153.1- 203.1	164.8	
			Average of Peak Amounts =			0.0671			
2	6	2.142	2.139	0.003	2917266	0.0644		100.0	
2	7	2.542	2.539	0.003	5710713	0.0653	165.6- 225.6	195.8	
2	8	2.996	2.994	0.002	11622420	0.0639	366.1- 426.1	398.4	
2	9	3.134	3.133	0.001	5783711	0.0730	144.6- 204.6	198.3	
2	10	3.619	3.619	0.000	4270935	0.0648	112.9- 172.9	146.4	
			Average of Peak Amounts =			0.0663			
						RPD = 1.19			
5 PCB-1242									M
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.986	3.984	0.002	2576162	0.0591		100.0	
1	2	4.275	4.272	0.003	5074103	0.0589	172.1- 222.1	197.0	
1	3	4.552	4.551	0.001	4902148	0.0581	168.4- 218.4	190.3	
1	4	5.251	5.251	0.000	6429475	0.0543	244.3- 294.3	249.6	
1	5	5.534	5.533	0.001	3078324	0.0548	104.3- 154.3	119.5	
			Average of Peak Amounts =			0.0570			
2	6	4.953	4.951	0.002	7401033	0.0570		100.0	
2	7	5.184	5.182	0.002	8275185	0.0570	80.1- 140.1	111.8	
2	8	5.549	5.548	0.001	12609716	0.0546	146.6- 206.6	170.4	
2	9	6.234	6.233	0.001	14509896	0.0540	174.1- 234.1	196.1	
2	10	6.614	6.611	0.003	10868405	0.0543	121.8- 181.8	146.8	
			Average of Peak Amounts =			0.0554			
						RPD = 3.01			
9 PCB-1262									
1	100		3.984						
1	2		4.274						
1	3		4.677						
1	4		5.250						
1	5		5.582						
2	6		5.184						
2	7		5.652						
2	8		5.957						
2	9		6.234						
2	10		6.611						
11 PCB-1268									
1	100		5.582						
1	2		5.621						
1	3		5.818						
1	4		6.193						
1	5		6.489						
2	6		6.610						
2	7		6.657						
2	8		6.919						
2	9		7.233						
2	10		7.575						
$ 12 DCB Decachlorobiphenyl									
1	100	6.687	6.685	0.002	2672502	0.002620			
2	2	7.844	7.841	0.003	7346124	0.002483			
						RPD = 5.37			

QC Flag Legend

Review Flags
M - Manually Integrated

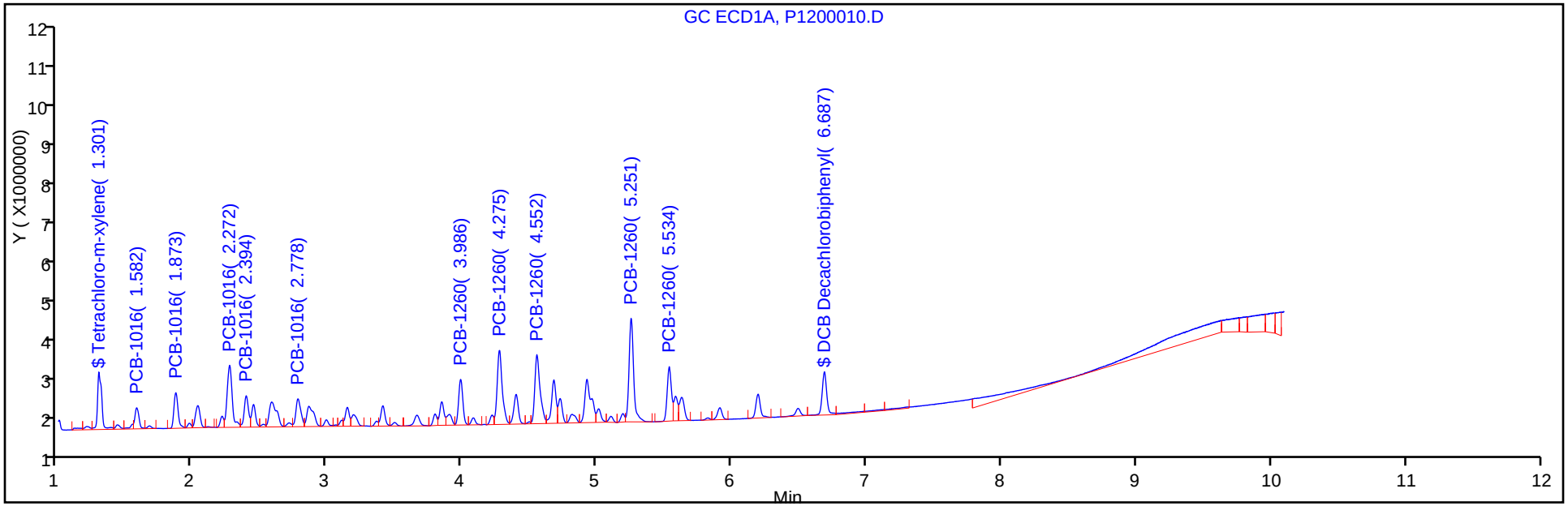
Report Date: 16-Apr-2013 09:17:59 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

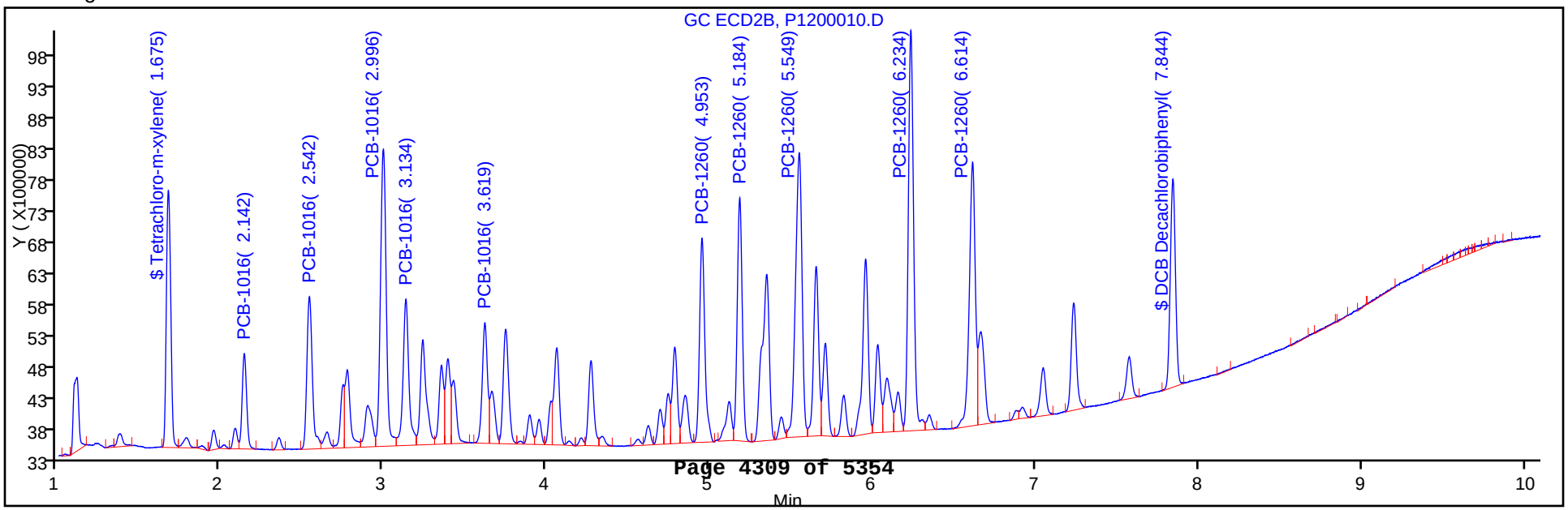
Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200010.D

Injection Date:	15-Apr-2013 08:28:34	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22648-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-81867/38

Matrix: Solid | Lab File ID: P1200038.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/15/2013 18:30

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 81867 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	*Aroclor-1221*	*0.00020*	*U*	*0.050*	0.00020	*0.013*
12674-11-2	*Aroclor-1016*	*0.0728*	^	*0.050*	0.00020	*0.017*
11141-16-5	*Aroclor-1232*	*0.00020*	*U*	*0.050*	0.00020	*0.016*
53469-21-9	*Aroclor-1242*	*0.00040*	*U*	*0.050*	0.00040	*0.022*
12672-29-6	*Aroclor-1248*	*0.00020*	*U*	*0.050*	0.00020	*0.010*
11097-69-1	*Aroclor-1254*	*0.00020*	*U*	*0.050*	0.00020	*0.016*
11096-82-5	*Aroclor-1260*	*0.0632*		*0.050*	0.00020	*0.017*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	140		50-150
2051-24-3	DCB Decachlorobiphenyl	124		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200038.D
Lims ID: MRL Client ID:
Inject. Date: 15-Apr-2013 18:30:05 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0018856-038
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 38
Lims Batch ID: 81867 Lims Sample ID: 38
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m
Last Update: 16-Apr-2013 09:18:26 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK021

First Level Reviewer: hassl Date: 16-Apr-2013 09:14:36

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.301	1.301	0.000	3424977	0.003492			
2	2	1.672	1.674	-0.002	8194926	0.003070			
						RPD = 12.86			
3 PCB-1221									
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
6 PCB-1016									
1	100	1.580	1.580	0.000	1192578	0.0737		100.0	
1	2	1.870	1.872	-0.002	2141584	0.0712	165.5- 215.5	179.6	
1	3	2.270	2.272	-0.002	4728338	0.0739	356.7- 406.7	396.5	
1	4	2.393	2.393	0.000	2001760	0.0741	144.0- 194.0	167.9	
1	5	2.777	2.778	-0.001	2015275	0.0713	153.1- 203.1	169.0	
			Average of Peak Amounts =			0.0728			
2	6	2.140	2.142	-0.002	3164847	0.0699		100.0	
2	7	2.540	2.542	-0.002	6034202	0.0690	165.6- 225.6	190.7	
2	8	2.996	2.996	0.000	12383030	0.0681	366.1- 426.1	391.3	
2	9	3.134	3.134	0.000	6039727	0.0763	144.6- 204.6	190.8	
2	10	3.619	3.621	-0.002	4617584	0.0701	112.9- 172.9	145.9	
			Average of Peak Amounts =			0.0706			
						RPD = 3.05			
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
9 PCB-1262									
1	100		3.984						
1	2		4.274						
1	3		4.677						
1	4		5.250						
1	5		5.582						
2	6		5.184						
2	7		5.652						
2	8		5.957						
2	9		6.234						
2	10		6.611						
10 PCB-1260									
1	100	3.985	3.986	-0.001	2773018	0.0636		100.0	
1	2	4.272	4.273	-0.001	5550900	0.0645	172.1- 222.1	200.2	
1	3	4.552	4.552	0.000	5424846	0.0642	168.4- 218.4	195.6	
1	4	5.251	5.252	-0.001	7206269	0.0609	244.3- 294.3	259.9	
1	5	5.534	5.534	0.000	3515041	0.0626	104.3- 154.3	126.8	
			Average of Peak Amounts =			0.0632			
2	6	4.951	4.953	-0.002	7893018	0.0608		100.0	
2	7	5.183	5.184	-0.001	8946047	0.0616	80.1- 140.1	113.3	
2	8	5.550	5.549	0.001	13627423	0.0590	146.6- 206.6	172.7	
2	9	6.235	6.233	0.002	16370145	0.0609	174.1- 234.1	207.4	
2	10	6.612	6.612	0.000	12431406	0.0621	121.8- 181.8	157.5	
			Average of Peak Amounts =			0.0609			
						RPD = 3.71			
11 PCB-1268									
1	100		5.582						
1	2		5.621						
1	3		5.818						
1	4		6.193						
1	5		6.489						
2	6		6.610						
2	7		6.657						
2	8		6.919						
2	9		7.233						
2	10		7.575						
$ 12 DCB Decachlorobiphenyl									
1	100	6.686	6.685	0.001	3161425	0.003099			
2	2	7.841	7.841	0.000	9150655	0.003093			
						RPD = 0.20			

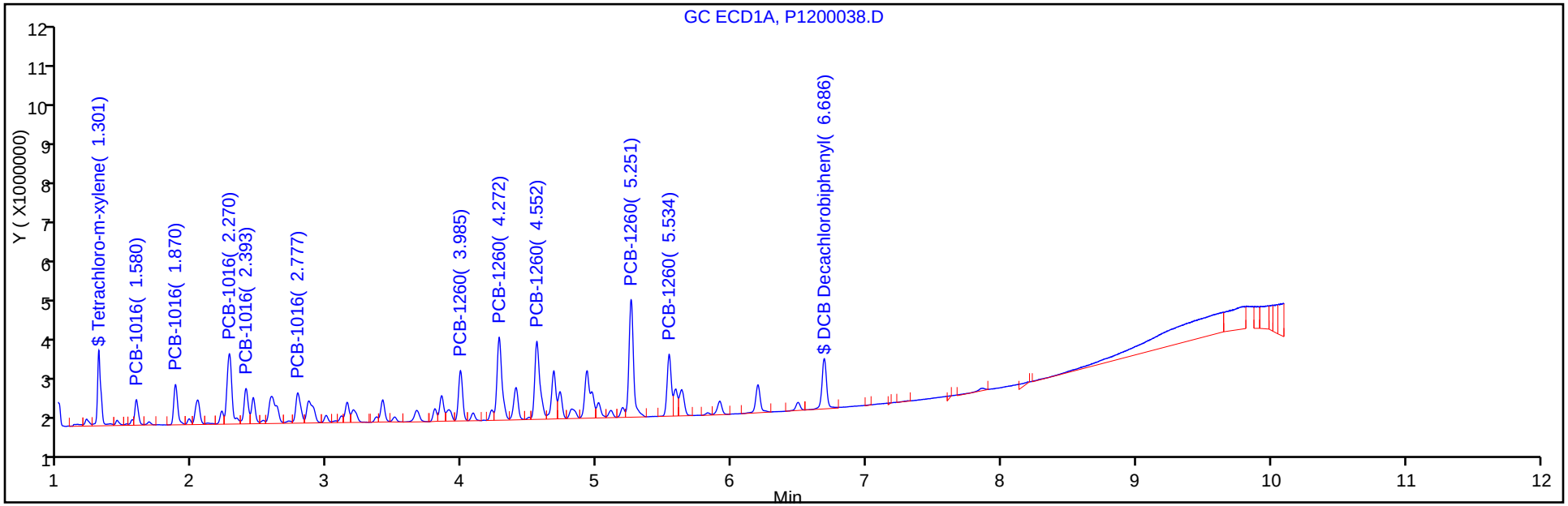
Report Date: 16-Apr-2013 09:18:27 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

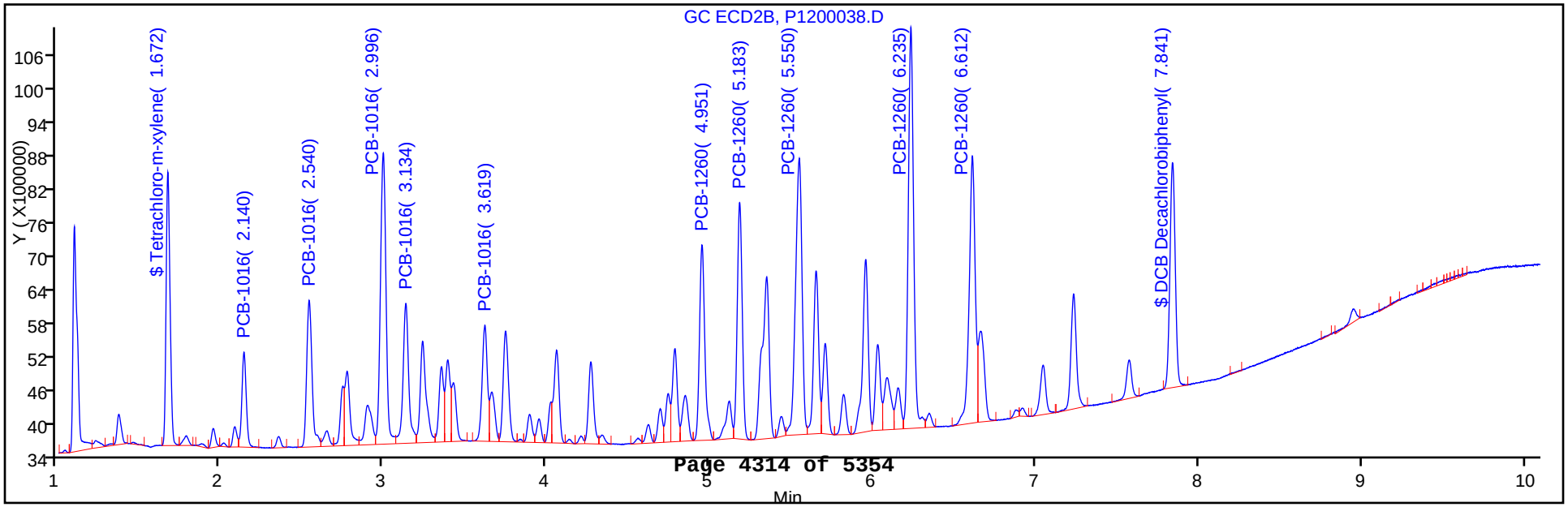
Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200038.D

Injection Date:	15-Apr-2013 18:30:05	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	38
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-81867/38

Matrix: Solid Lab File ID: P1200038.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 04/15/2013 18:30

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 81867 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	0.00020	U	0.050	0.00020	0.013
12674-11-2	Aroclor-1016	0.0706	^	0.050	0.00020	0.017
11141-16-5	Aroclor-1232	0.00020	U	0.050	0.00020	0.016
53469-21-9	Aroclor-1242	0.00040	U	0.050	0.00040	0.022
12672-29-6	Aroclor-1248	0.00020	U	0.050	0.00020	0.010
11097-69-1	Aroclor-1254	0.00020	U	0.050	0.00020	0.016
11096-82-5	Aroclor-1260	0.0609		0.050	0.00020	0.017

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	123		50-150
2051-24-3	DCB Decachlorobiphenyl	124		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200038.D
Lims ID: MRL Client ID:
Inject. Date: 15-Apr-2013 18:30:05 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0018856-038
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 38
Lims Batch ID: 81867 Lims Sample ID: 38
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m
Last Update: 16-Apr-2013 09:18:26 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK021

First Level Reviewer: hassl Date: 16-Apr-2013 09:14:36

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.301	1.301	0.000	3424977	0.003492			
2	2	1.672	1.674	-0.002	8194926	0.003070			
						RPD = 12.86			
3 PCB-1221									
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
6 PCB-1016									
1	100	1.580	1.580	0.000	1192578	0.0737		100.0	
1	2	1.870	1.872	-0.002	2141584	0.0712	165.5- 215.5	179.6	
1	3	2.270	2.272	-0.002	4728338	0.0739	356.7- 406.7	396.5	
1	4	2.393	2.393	0.000	2001760	0.0741	144.0- 194.0	167.9	
1	5	2.777	2.778	-0.001	2015275	0.0713	153.1- 203.1	169.0	
			Average of Peak Amounts =			0.0728			
2	6	2.140	2.142	-0.002	3164847	0.0699		100.0	
2	7	2.540	2.542	-0.002	6034202	0.0690	165.6- 225.6	190.7	
2	8	2.996	2.996	0.000	12383030	0.0681	366.1- 426.1	391.3	
2	9	3.134	3.134	0.000	6039727	0.0763	144.6- 204.6	190.8	
2	10	3.619	3.621	-0.002	4617584	0.0701	112.9- 172.9	145.9	
			Average of Peak Amounts =			0.0706			
						RPD = 3.05			
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
9 PCB-1262									
1	100		3.984						
1	2		4.274						
1	3		4.677						
1	4		5.250						
1	5		5.582						
2	6		5.184						
2	7		5.652						
2	8		5.957						
2	9		6.234						
2	10		6.611						
10 PCB-1260									
1	100	3.985	3.986	-0.001	2773018	0.0636		100.0	
1	2	4.272	4.273	-0.001	5550900	0.0645	172.1- 222.1	200.2	
1	3	4.552	4.552	0.000	5424846	0.0642	168.4- 218.4	195.6	
1	4	5.251	5.252	-0.001	7206269	0.0609	244.3- 294.3	259.9	
1	5	5.534	5.534	0.000	3515041	0.0626	104.3- 154.3	126.8	
			Average of Peak Amounts =			0.0632			
2	6	4.951	4.953	-0.002	7893018	0.0608		100.0	
2	7	5.183	5.184	-0.001	8946047	0.0616	80.1- 140.1	113.3	
2	8	5.550	5.549	0.001	13627423	0.0590	146.6- 206.6	172.7	
2	9	6.235	6.233	0.002	16370145	0.0609	174.1- 234.1	207.4	
2	10	6.612	6.612	0.000	12431406	0.0621	121.8- 181.8	157.5	
			Average of Peak Amounts =			0.0609			
						RPD = 3.71			
11 PCB-1268									
1	100		5.582						
1	2		5.621						
1	3		5.818						
1	4		6.193						
1	5		6.489						
2	6		6.610						
2	7		6.657						
2	8		6.919						
2	9		7.233						
2	10		7.575						
$ 12 DCB Decachlorobiphenyl									
1	100	6.686	6.685	0.001	3161425	0.003099			
2	2	7.841	7.841	0.000	9150655	0.003093			
						RPD = 0.20			

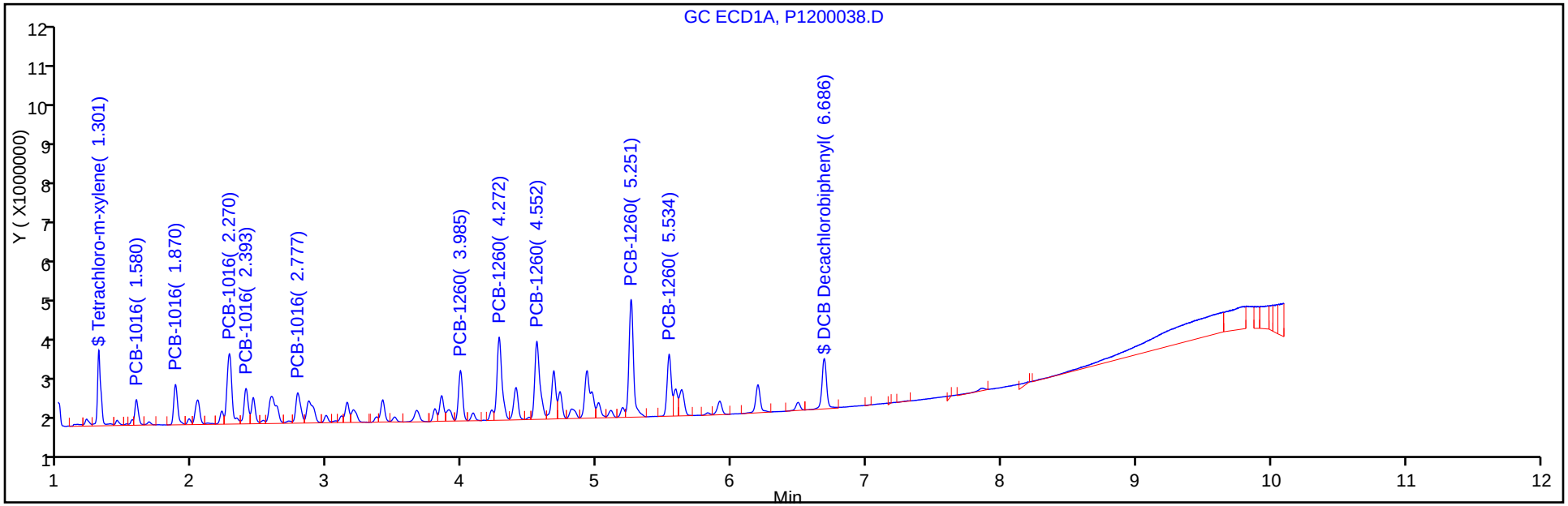
Report Date: 16-Apr-2013 09:18:28 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

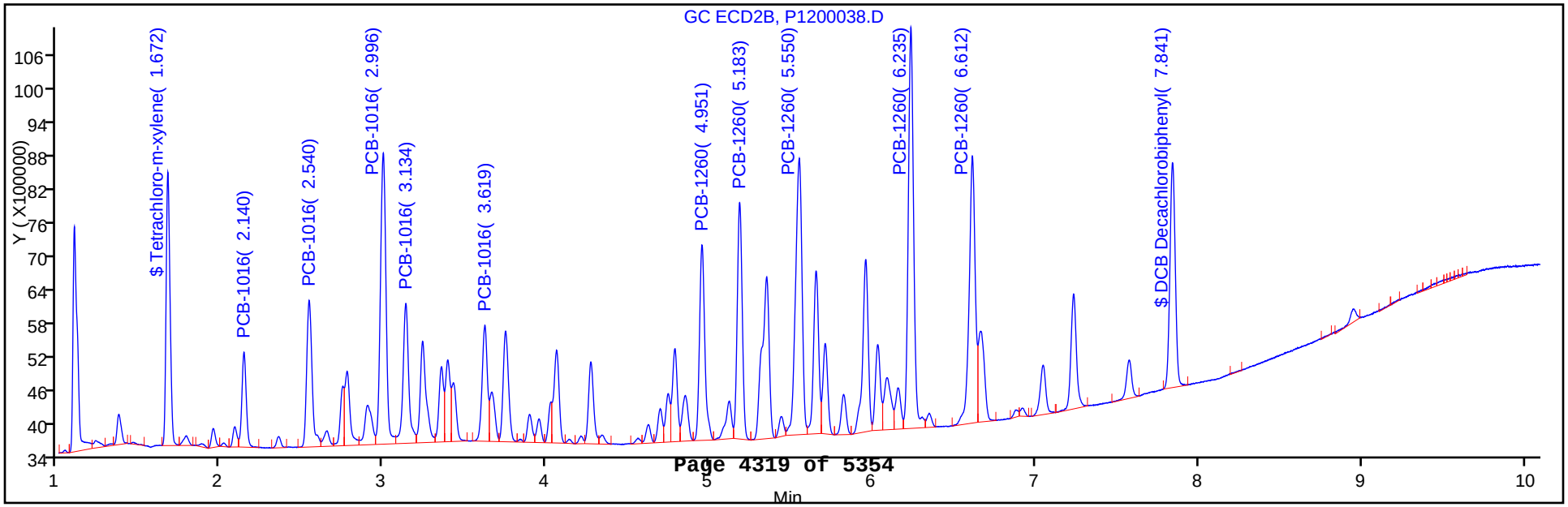
Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200038.D

Injection Date:	15-Apr-2013 18:30:05	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	38
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-82562/4

Matrix: Solid Lab File ID: P4000004.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 04/18/2013 17:02

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 82562 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	*Aroclor-1221*	*0.00020*	*U*	*0.050*	0.00020	*0.013*
12674-11-2	*Aroclor-1016*	*0.0573*		*0.050*	0.00020	*0.017*
11141-16-5	*Aroclor-1232*	*0.00020*	*U*	*0.050*	0.00020	*0.016*
53469-21-9	*Aroclor-1242*	*0.00040*	*U*	*0.050*	0.00040	*0.022*
12672-29-6	*Aroclor-1248*	*0.00020*	*U*	*0.050*	0.00020	*0.010*
11097-69-1	*Aroclor-1254*	*0.00020*	*U*	*0.050*	0.00020	*0.016*
11096-82-5	*Aroclor-1260*	*0.0570*		*0.050*	0.00020	*0.017*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	120		50-150
2051-24-3	DCB Decachlorobiphenyl	134	*Q*	50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000004.D
Lims ID: MRL Client ID:
Inject. Date: 18-Apr-2013 17:02:21 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0019023-004
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 4
Lims Batch ID: 82562 Lims Sample ID: 4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\PCB4.m
Last Update: 19-Apr-2013 14:30:32 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

First Level Reviewer: hassl Date: 19-Apr-2013 14:27:13

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.276	1.277	-0.001	4768768	0.003011			
2	2	1.682	1.684	-0.002	4388626	0.002781			
						RPD = 7.94			
3 PCB-1221									
1	2		1.405						
1	3		1.515						
1	4		1.544						
2	4		1.957						
2	5		2.089						
2	6		2.145						
4 PCB-1232									
1	100		1.543						
1	2		1.826						
1	3		2.217						
1	4		2.337						
1	5		2.716						
2	6		2.143						
2	7		2.538						
2	8		2.990						
2	9		3.129						
2	10		3.738						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.544						
1	2		1.826						
1	3		2.218						
1	4		2.338						
1	5		2.717						
2	6		2.143						
2	7		2.539						
2	8		2.991						
2	9		3.129						
2	10		3.738						
6 PCB-1016									
1	100	1.545	1.547	-0.002	1523545	0.0561		100.0	
1	2	1.827	1.828	-0.001	2843064	0.0581	156.0- 206.0	186.6	
1	3	2.219	2.221	-0.002	5346521	0.0572	312.4- 362.4	350.9	
1	4	2.339	2.341	-0.002	2473687	0.0590	118.7- 188.7	162.4	
1	5	2.719	2.718	0.001	2371741	0.0559	125.6- 175.6	155.7	
			Average of Peak Amounts =			0.0573			
2	6	2.145	2.146	-0.001	1358820	0.0530		100.0	
2	7	2.541	2.542	-0.001	2528209	0.0498	169.6- 229.6	186.1	
2	8	2.993	2.993	0.000	5247976	0.0528	351.4- 411.4	386.2	
2	9	3.131	3.132	-0.001	2288434	0.0520	141.3- 201.3	168.4	
2	10	3.235	3.235	0.000	1732231	0.0506	102.5- 162.5	127.5	
			Average of Peak Amounts =			0.0516			
						RPD = 10.35			
7 PCB-1248									
1	86		1.825						
1	2		2.216						
1	3		2.716						
1	4		3.293						
1	5		3.726						
2	6		2.538						
2	7		2.990						
2	8		3.739						
2	9		4.013						
2	10		4.735						
8 PCB-1254									
1	100		3.340						
1	2		3.727						
1	3		4.010						
1	4		4.199						
1	5		4.483						
2	6		4.260						
2	7		4.735						
2	8		4.980						
2	9		5.341						
2	10		5.543						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.916	3.916	0.000	3601470	0.0577		100.0	
1	2	4.204	4.203	0.001	6340174	0.0576	152.2- 202.2	176.0	
1	3	4.485	4.484	0.001	6086443	0.0565	146.4- 196.4	169.0	
1	4	5.186	5.183	0.003	6929744	0.0536	180.7- 230.7	192.4	
1	5	5.470	5.468	0.002	3463930	0.0595	64.1- 114.1	96.2	
			Average of Peak Amounts =			0.0570			
2	6	4.945	4.943	0.002	3746849	0.0545		100.0	
2	7	5.175	5.174	0.001	4622980	0.0579	87.6- 147.6	123.4	
2	8	5.543	5.543	0.000	6423450	0.0544	144.7- 204.7	171.4	
2	9	6.228	6.227	0.001	7881840	0.0541	187.7- 247.7	210.4	
2	10	6.610	6.608	0.002	5593033	0.0579	115.0- 175.0	149.3	
			Average of Peak Amounts =			0.0557			
						RPD = 2.20			
9 PCB-1262									
1	100		4.203						
1	2		4.605						
1	3		4.851						
1	4		5.180						
1	5		5.554						
2	6		5.173						
2	7		5.643						
2	8		5.949						
2	9		6.225						
2	10		6.605						
11 PCB-1268									
1	100		5.511						
1	2		5.550						
1	3		5.749						
1	4		6.126						
1	5		6.423						
2	6		6.601						
2	7		6.649						
2	8		6.912						
2	9		7.228						
2	10		7.570						
$ 12 DCB Decachlorobiphenyl									
1	100	6.622	6.621	0.001	4462440	0.003342			
2	2	7.844	7.843	0.001	4602745	0.003160			
						RPD = 5.61			

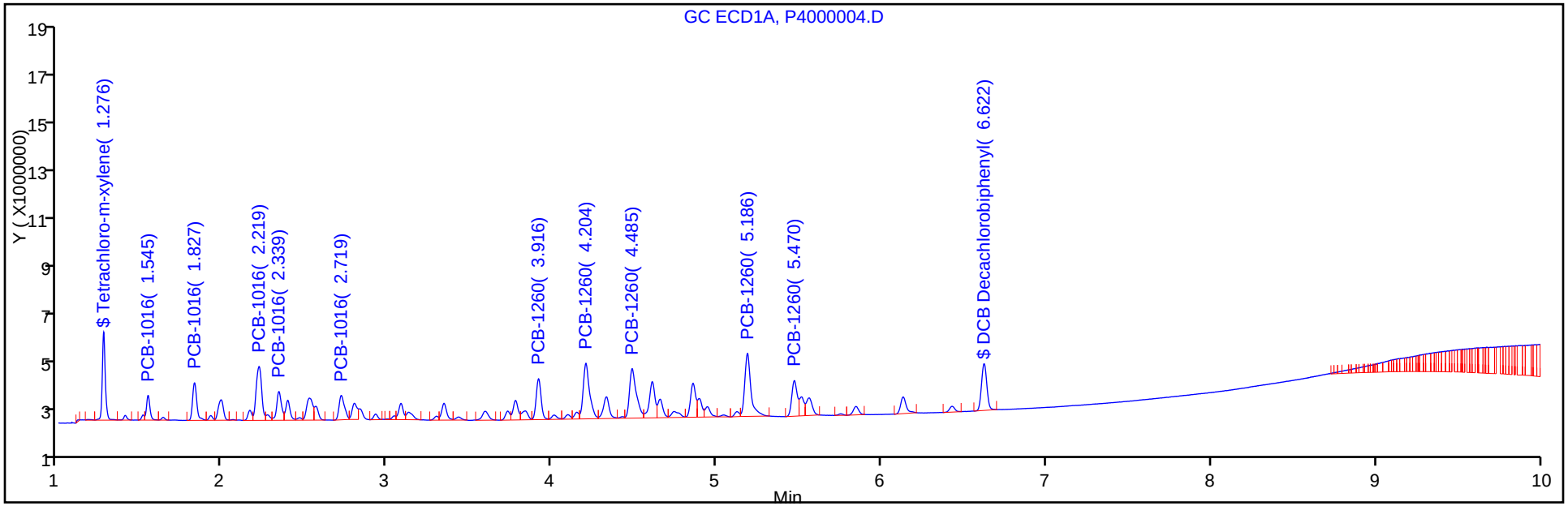
Report Date: 19-Apr-2013 14:30:34 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

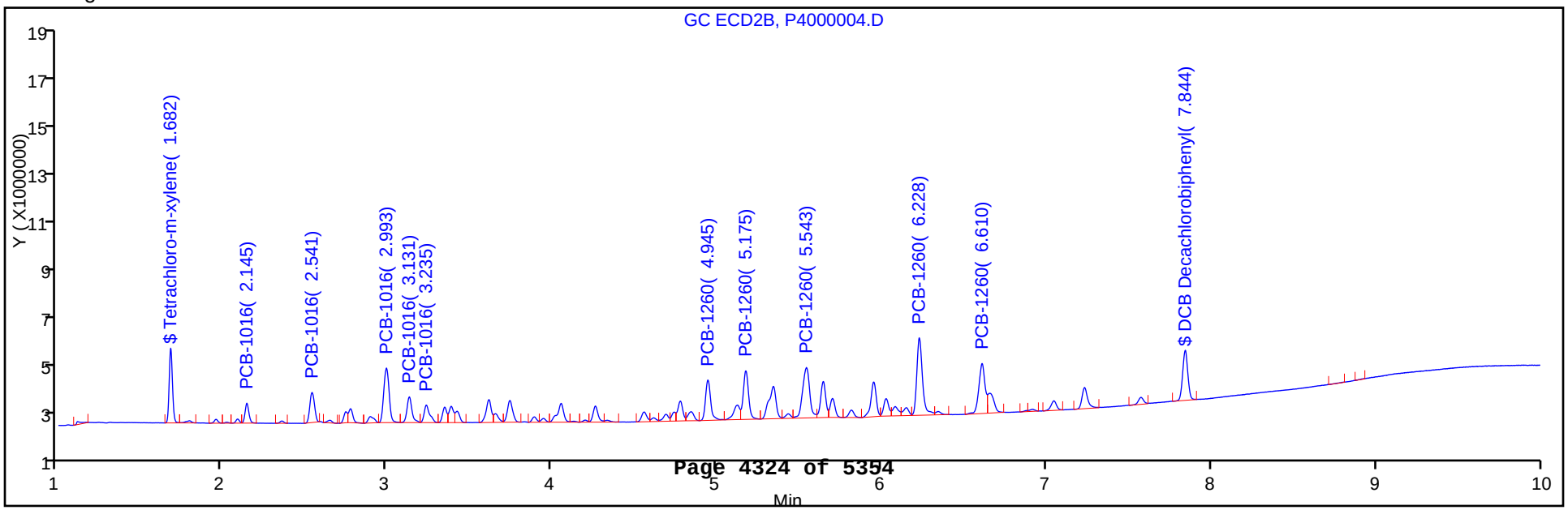
Data File: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000004.D

Injection Date:	18-Apr-2013 17:02:21	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82562	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22648-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-82562/4

Matrix: Solid | Lab File ID: P4000004.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/18/2013 17:02

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82562 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	0.00020	U	0.050	0.00020	0.013
12674-11-2	Aroclor-1016	0.0516		0.050	0.00020	0.017
11141-16-5	Aroclor-1232	0.00020	U	0.050	0.00020	0.016
53469-21-9	Aroclor-1242	0.00040	U	0.050	0.00040	0.022
12672-29-6	Aroclor-1248	0.00020	U	0.050	0.00020	0.010
11097-69-1	Aroclor-1254	0.00020	U	0.050	0.00020	0.016
11096-82-5	Aroclor-1260	0.0557		0.050	0.00020	0.017

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	111		50-150
2051-24-3	DCB Decachlorobiphenyl	126	Q	50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000004.D
Lims ID: MRL Client ID:
Inject. Date: 18-Apr-2013 17:02:21 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0019023-004
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 4
Lims Batch ID: 82562 Lims Sample ID: 4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\PCB4.m
Last Update: 19-Apr-2013 14:30:32 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

First Level Reviewer: hassl Date: 19-Apr-2013 14:27:13

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.276	1.277	-0.001	4768768	0.003011			
2	2	1.682	1.684	-0.002	4388626	0.002781			
						RPD = 7.94			
3 PCB-1221									
1	2		1.405						
1	3		1.515						
1	4		1.544						
2	4		1.957						
2	5		2.089						
2	6		2.145						
4 PCB-1232									
1	100		1.543						
1	2		1.826						
1	3		2.217						
1	4		2.337						
1	5		2.716						
2	6		2.143						
2	7		2.538						
2	8		2.990						
2	9		3.129						
2	10		3.738						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.544						
1	2		1.826						
1	3		2.218						
1	4		2.338						
1	5		2.717						
2	6		2.143						
2	7		2.539						
2	8		2.991						
2	9		3.129						
2	10		3.738						
6 PCB-1016									
1	100	1.545	1.547	-0.002	1523545	0.0561		100.0	
1	2	1.827	1.828	-0.001	2843064	0.0581	156.0- 206.0	186.6	
1	3	2.219	2.221	-0.002	5346521	0.0572	312.4- 362.4	350.9	
1	4	2.339	2.341	-0.002	2473687	0.0590	118.7- 188.7	162.4	
1	5	2.719	2.718	0.001	2371741	0.0559	125.6- 175.6	155.7	
			Average of Peak Amounts =			0.0573			
2	6	2.145	2.146	-0.001	1358820	0.0530		100.0	
2	7	2.541	2.542	-0.001	2528209	0.0498	169.6- 229.6	186.1	
2	8	2.993	2.993	0.000	5247976	0.0528	351.4- 411.4	386.2	
2	9	3.131	3.132	-0.001	2288434	0.0520	141.3- 201.3	168.4	
2	10	3.235	3.235	0.000	1732231	0.0506	102.5- 162.5	127.5	
			Average of Peak Amounts =			0.0516			
						RPD = 10.35			
7 PCB-1248									
1	86		1.825						
1	2		2.216						
1	3		2.716						
1	4		3.293						
1	5		3.726						
2	6		2.538						
2	7		2.990						
2	8		3.739						
2	9		4.013						
2	10		4.735						
8 PCB-1254									
1	100		3.340						
1	2		3.727						
1	3		4.010						
1	4		4.199						
1	5		4.483						
2	6		4.260						
2	7		4.735						
2	8		4.980						
2	9		5.341						
2	10		5.543						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.916	3.916	0.000	3601470	0.0577		100.0	
1	2	4.204	4.203	0.001	6340174	0.0576	152.2- 202.2	176.0	
1	3	4.485	4.484	0.001	6086443	0.0565	146.4- 196.4	169.0	
1	4	5.186	5.183	0.003	6929744	0.0536	180.7- 230.7	192.4	
1	5	5.470	5.468	0.002	3463930	0.0595	64.1- 114.1	96.2	
			Average of Peak Amounts =			0.0570			
2	6	4.945	4.943	0.002	3746849	0.0545		100.0	
2	7	5.175	5.174	0.001	4622980	0.0579	87.6- 147.6	123.4	
2	8	5.543	5.543	0.000	6423450	0.0544	144.7- 204.7	171.4	
2	9	6.228	6.227	0.001	7881840	0.0541	187.7- 247.7	210.4	
2	10	6.610	6.608	0.002	5593033	0.0579	115.0- 175.0	149.3	
			Average of Peak Amounts =			0.0557			
						RPD = 2.20			
9 PCB-1262									
1	100		4.203						
1	2		4.605						
1	3		4.851						
1	4		5.180						
1	5		5.554						
2	6		5.173						
2	7		5.643						
2	8		5.949						
2	9		6.225						
2	10		6.605						
11 PCB-1268									
1	100		5.511						
1	2		5.550						
1	3		5.749						
1	4		6.126						
1	5		6.423						
2	6		6.601						
2	7		6.649						
2	8		6.912						
2	9		7.228						
2	10		7.570						
$ 12 DCB Decachlorobiphenyl									
1	100	6.622	6.621	0.001	4462440	0.003342			
2	2	7.844	7.843	0.001	4602745	0.003160			
						RPD = 5.61			

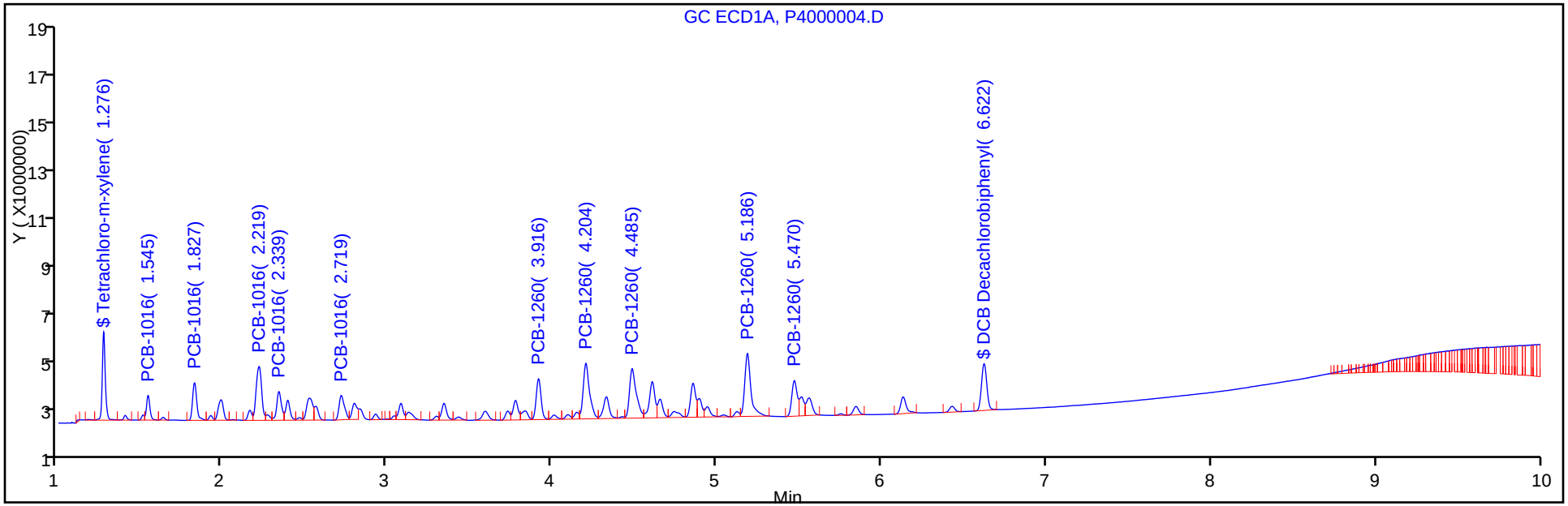
Report Date: 19-Apr-2013 14:30:34 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

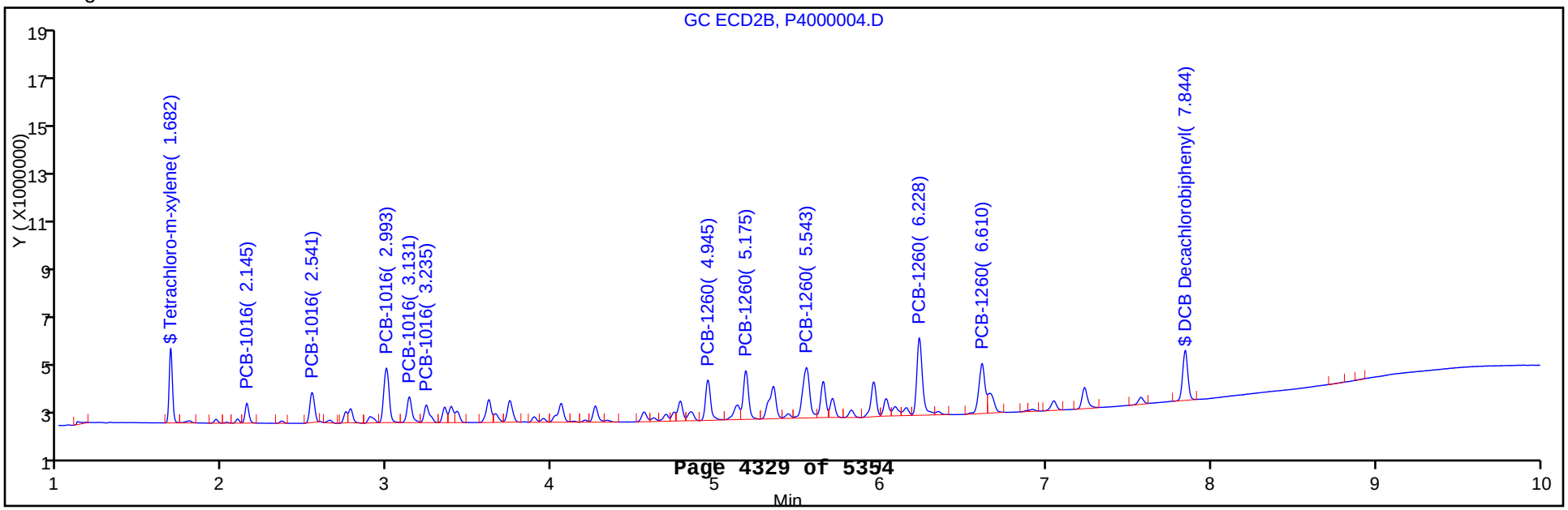
Data File: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000004.D

Injection Date:	18-Apr-2013 17:02:21	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82562	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-82562/13

Matrix: Solid Lab File ID: P4000013.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 04/18/2013 19:23

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 82562 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	*Aroclor-1221*	*0.00020*	*U*	*0.050*	0.00020	*0.013*
12674-11-2	*Aroclor-1016*	*0.0582*		*0.050*	0.00020	*0.017*
11141-16-5	*Aroclor-1232*	*0.00020*	*U*	*0.050*	0.00020	*0.016*
53469-21-9	*Aroclor-1242*	*0.00040*	*U*	*0.050*	0.00040	*0.022*
12672-29-6	*Aroclor-1248*	*0.00020*	*U*	*0.050*	0.00020	*0.010*
11097-69-1	*Aroclor-1254*	*0.00020*	*U*	*0.050*	0.00020	*0.016*
11096-82-5	*Aroclor-1260*	*0.0585*		*0.050*	0.00020	*0.017*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	120		50-150
2051-24-3	DCB Decachlorobiphenyl	140	*Q*	50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000013.D
Lims ID: MRL Client ID:
Inject. Date: 18-Apr-2013 19:23:06 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0019023-013
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 13
Lims Batch ID: 82562 Lims Sample ID: 13
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\PCB4.m
Last Update: 19-Apr-2013 14:30:41 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

First Level Reviewer: hassl Date: 19-Apr-2013 14:30:13

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.274	1.277	-0.003	4733259	0.002989			
2	2	1.685	1.684	0.001	4489924	0.002846			
						RPD = 4.91			
3 PCB-1221									
1	2		1.405						
1	3		1.515						
1	4		1.544						
2	4		1.957						
2	5		2.089						
2	6		2.145						
4 PCB-1232									
1	100		1.543						
1	2		1.826						
1	3		2.217						
1	4		2.337						
1	5		2.716						
2	6		2.143						
2	7		2.538						
2	8		2.990						
2	9		3.129						
2	10		3.738						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.544						
1	2		1.826						
1	3		2.218						
1	4		2.338						
1	5		2.717						
2	6		2.143						
2	7		2.539						
2	8		2.991						
2	9		3.129						
2	10		3.738						
6 PCB-1016									
1	100	1.547	1.545	0.002	1502019	0.0553		100.0	
1	2	1.829	1.828	0.001	2814319	0.0575	156.0- 206.0	187.4	
1	3	2.223	2.221	0.002	5519152	0.0591	312.4- 362.4	367.4	
1	4	2.341	2.340	0.001	2636579	0.0628	118.7- 188.7	175.5	
1	5	2.720	2.719	0.001	2389477	0.0564	125.6- 175.6	159.1	
			Average of Peak Amounts =			0.0582			
2	6	2.148	2.147	0.001	1388481	0.0541		100.0	
2	7	2.544	2.543	0.001	2566236	0.0505	169.6- 229.6	184.8	
2	8	2.996	2.994	0.002	5526301	0.0556	351.4- 411.4	398.0	
2	9	3.134	3.133	0.001	2438519	0.0554	141.3- 201.3	175.6	
2	10	3.236	3.236	0.000	1829944	0.0534	102.5- 162.5	131.8	
			Average of Peak Amounts =			0.0538			
						RPD = 7.84			
7 PCB-1248									
1	86		1.825						
1	2		2.216						
1	3		2.716						
1	4		3.293						
1	5		3.726						
2	6		2.538						
2	7		2.990						
2	8		3.739						
2	9		4.013						
2	10		4.735						
8 PCB-1254									
1	100		3.340						
1	2		3.727						
1	3		4.010						
1	4		4.199						
1	5		4.483						
2	6		4.260						
2	7		4.735						
2	8		4.980						
2	9		5.341						
2	10		5.543						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.919	3.918	0.001	3598485	0.0577		100.0	
1	2	4.206	4.205	0.001	6426112	0.0584	152.2- 202.2	178.6	
1	3	4.486	4.486	0.000	6289732	0.0584	146.4- 196.4	174.8	
1	4	5.187	5.185	0.002	7385752	0.0571	180.7- 230.7	205.2	
1	5	5.471	5.470	0.001	3552594	0.0610	64.1- 114.1	98.7	
			Average of Peak Amounts =			0.0585			
2	6	4.946	4.946	0.000	3800705	0.0553		100.0	
2	7	5.177	5.177	0.000	4434857	0.0556	87.6- 147.6	116.7	
2	8	5.546	5.545	0.001	6443744	0.0545	144.7- 204.7	169.5	
2	9	6.231	6.230	0.001	8270118	0.0567	187.7- 247.7	217.6	
2	10	6.613	6.611	0.002	5750914	0.0595	115.0- 175.0	151.3	
			Average of Peak Amounts =			0.0563			
						RPD = 3.82			
9 PCB-1262									
1	100		4.203						
1	2		4.605						
1	3		4.851						
1	4		5.180						
1	5		5.554						
2	6		5.173						
2	7		5.643						
2	8		5.949						
2	9		6.225						
2	10		6.605						
11 PCB-1268									
1	100		5.511						
1	2		5.550						
1	3		5.749						
1	4		6.126						
1	5		6.423						
2	6		6.601						
2	7		6.649						
2	8		6.912						
2	9		7.228						
2	10		7.570						
$ 12 DCB Decachlorobiphenyl									
1	100	6.624	6.623	0.001	4658715	0.003489			
2	2	7.846	7.845	0.001	4638136	0.003184			
						RPD = 9.14			

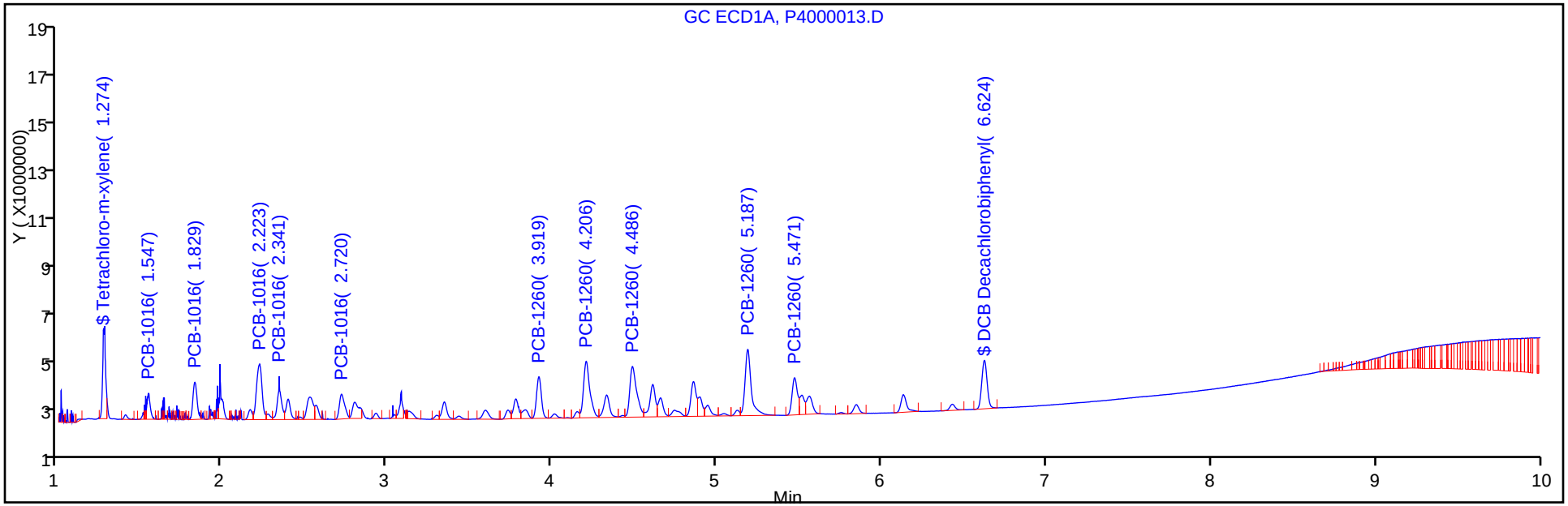
Report Date: 19-Apr-2013 14:30:43 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

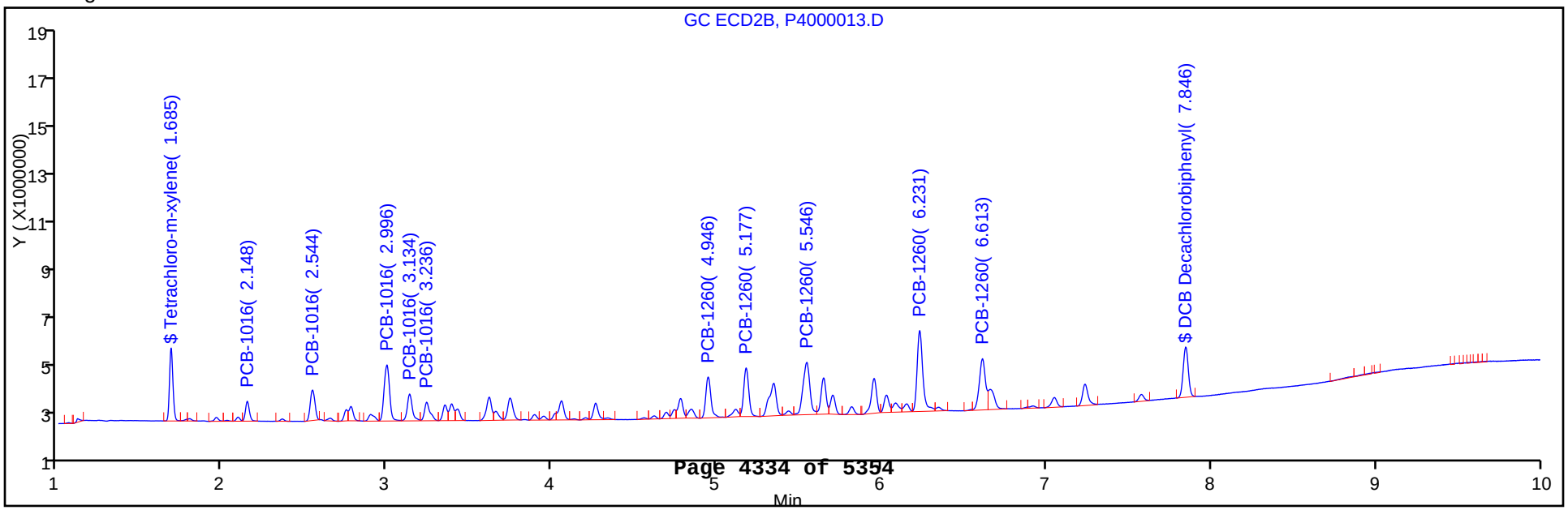
Data File: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000013.D

Injection Date:	18-Apr-2013 19:23:06	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82562	Lims Sample ID:	13
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22648-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-82562/13

Matrix: Solid | Lab File ID: P4000013.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/18/2013 19:23

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82562 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	0.00020	U	0.050	0.00020	0.013
12674-11-2	Aroclor-1016	0.0538		0.050	0.00020	0.017
11141-16-5	Aroclor-1232	0.00020	U	0.050	0.00020	0.016
53469-21-9	Aroclor-1242	0.00040	U	0.050	0.00040	0.022
12672-29-6	Aroclor-1248	0.00020	U	0.050	0.00020	0.010
11097-69-1	Aroclor-1254	0.00020	U	0.050	0.00020	0.016
11096-82-5	Aroclor-1260	0.0563		0.050	0.00020	0.017

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	114		50-150
2051-24-3	DCB Decachlorobiphenyl	127	Q	50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000013.D
Lims ID: MRL Client ID:
Inject. Date: 18-Apr-2013 19:23:06 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0019023-013
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 13
Lims Batch ID: 82562 Lims Sample ID: 13
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\PCB4.m
Last Update: 19-Apr-2013 14:30:41 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

First Level Reviewer: hassl Date: 19-Apr-2013 14:30:13

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.274	1.277	-0.003	4733259	0.002989			
2	2	1.685	1.684	0.001	4489924	0.002846			
						RPD = 4.91			
3 PCB-1221									
1	2		1.405						
1	3		1.515						
1	4		1.544						
2	4		1.957						
2	5		2.089						
2	6		2.145						
4 PCB-1232									
1	100		1.543						
1	2		1.826						
1	3		2.217						
1	4		2.337						
1	5		2.716						
2	6		2.143						
2	7		2.538						
2	8		2.990						
2	9		3.129						
2	10		3.738						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.544						
1	2		1.826						
1	3		2.218						
1	4		2.338						
1	5		2.717						
2	6		2.143						
2	7		2.539						
2	8		2.991						
2	9		3.129						
2	10		3.738						
6 PCB-1016									
1	100	1.547	1.545	0.002	1502019	0.0553		100.0	
1	2	1.829	1.828	0.001	2814319	0.0575	156.0- 206.0	187.4	
1	3	2.223	2.221	0.002	5519152	0.0591	312.4- 362.4	367.4	
1	4	2.341	2.340	0.001	2636579	0.0628	118.7- 188.7	175.5	
1	5	2.720	2.719	0.001	2389477	0.0564	125.6- 175.6	159.1	
			Average of Peak Amounts =			0.0582			
2	6	2.148	2.147	0.001	1388481	0.0541		100.0	
2	7	2.544	2.543	0.001	2566236	0.0505	169.6- 229.6	184.8	
2	8	2.996	2.994	0.002	5526301	0.0556	351.4- 411.4	398.0	
2	9	3.134	3.133	0.001	2438519	0.0554	141.3- 201.3	175.6	
2	10	3.236	3.236	0.000	1829944	0.0534	102.5- 162.5	131.8	
			Average of Peak Amounts =			0.0538			
						RPD = 7.84			
7 PCB-1248									
1	86		1.825						
1	2		2.216						
1	3		2.716						
1	4		3.293						
1	5		3.726						
2	6		2.538						
2	7		2.990						
2	8		3.739						
2	9		4.013						
2	10		4.735						
8 PCB-1254									
1	100		3.340						
1	2		3.727						
1	3		4.010						
1	4		4.199						
1	5		4.483						
2	6		4.260						
2	7		4.735						
2	8		4.980						
2	9		5.341						
2	10		5.543						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.919	3.918	0.001	3598485	0.0577		100.0	
1	2	4.206	4.205	0.001	6426112	0.0584	152.2- 202.2	178.6	
1	3	4.486	4.486	0.000	6289732	0.0584	146.4- 196.4	174.8	
1	4	5.187	5.185	0.002	7385752	0.0571	180.7- 230.7	205.2	
1	5	5.471	5.470	0.001	3552594	0.0610	64.1- 114.1	98.7	
			Average of Peak Amounts =			0.0585			
2	6	4.946	4.946	0.000	3800705	0.0553		100.0	
2	7	5.177	5.177	0.000	4434857	0.0556	87.6- 147.6	116.7	
2	8	5.546	5.545	0.001	6443744	0.0545	144.7- 204.7	169.5	
2	9	6.231	6.230	0.001	8270118	0.0567	187.7- 247.7	217.6	
2	10	6.613	6.611	0.002	5750914	0.0595	115.0- 175.0	151.3	
			Average of Peak Amounts =			0.0563			
						RPD = 3.82			
9 PCB-1262									
1	100		4.203						
1	2		4.605						
1	3		4.851						
1	4		5.180						
1	5		5.554						
2	6		5.173						
2	7		5.643						
2	8		5.949						
2	9		6.225						
2	10		6.605						
11 PCB-1268									
1	100		5.511						
1	2		5.550						
1	3		5.749						
1	4		6.126						
1	5		6.423						
2	6		6.601						
2	7		6.649						
2	8		6.912						
2	9		7.228						
2	10		7.570						
$ 12 DCB Decachlorobiphenyl									
1	100	6.624	6.623	0.001	4658715	0.003489			
2	2	7.846	7.845	0.001	4638136	0.003184			
						RPD = 9.14			

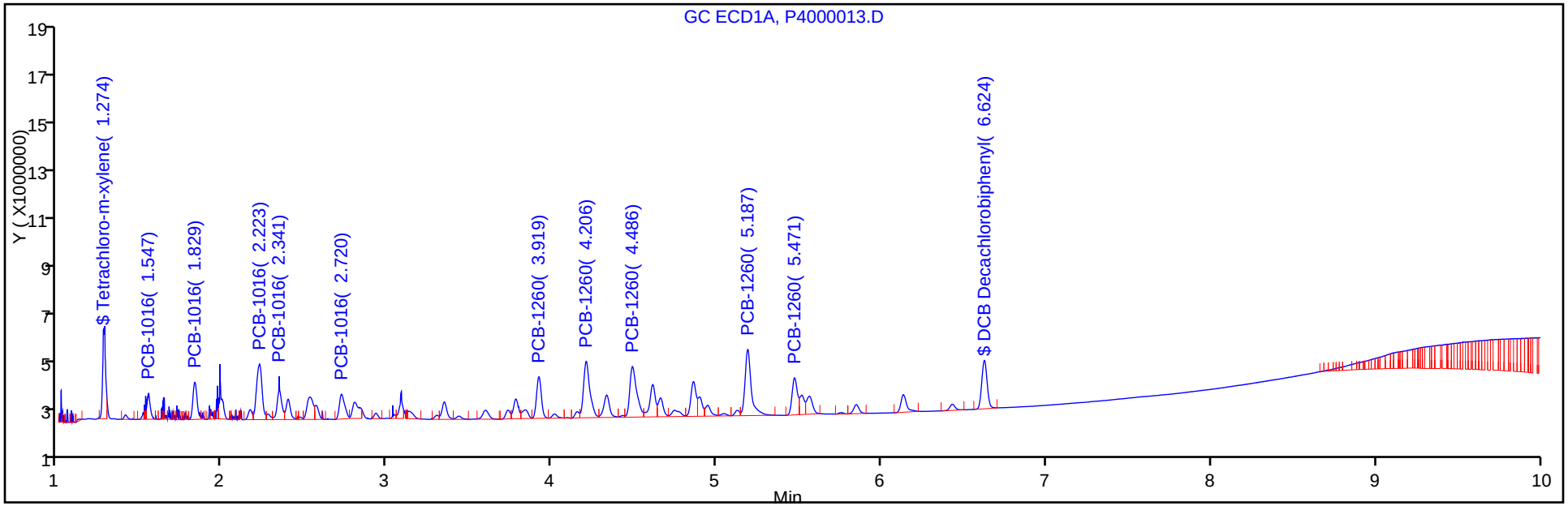
Report Date: 19-Apr-2013 14:30:43 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

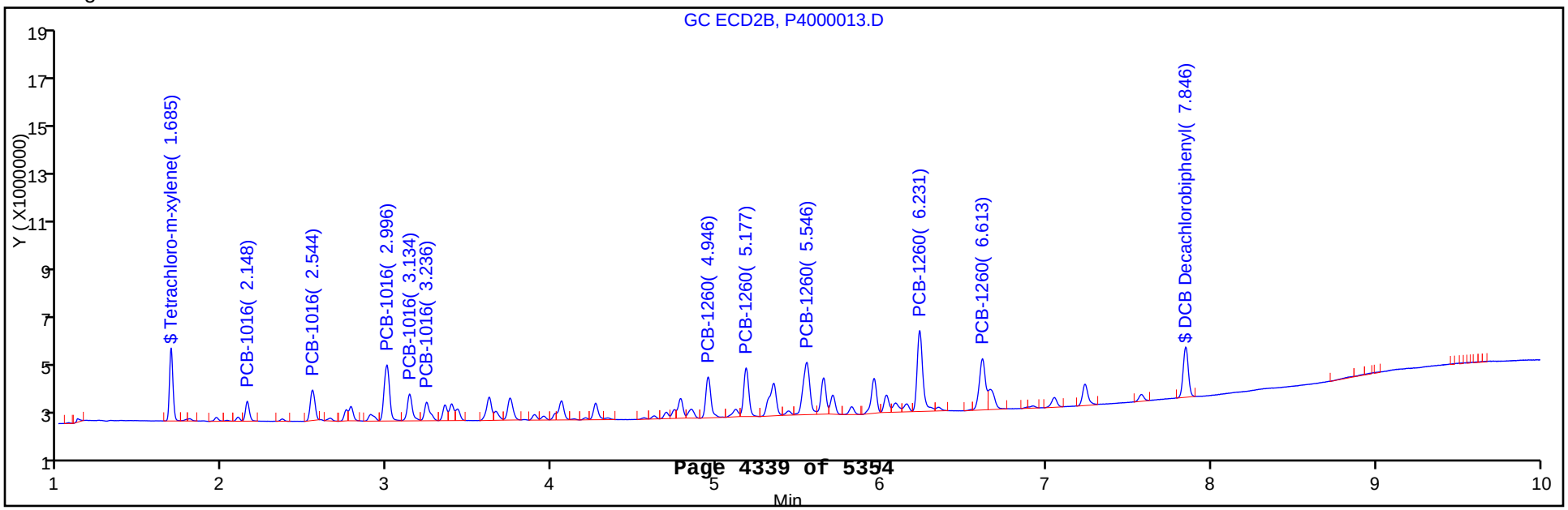
Data File: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000013.D

Injection Date:	18-Apr-2013 19:23:06	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82562	Lims Sample ID:	13
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Client Sample ID: 079SB-0069M-0001-SO MS Lab Sample ID: 240-22648-36 MS

Matrix: Solid Lab File ID: P4000008.D

Analysis Method: 8082/DOD Date Collected: 03/28/2013 16:15

Extraction Method: 3540C Date Extracted: 04/16/2013 10:59

Sample wt/vol: 30.40(g) Date Analyzed: 04/18/2013 18:04

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 82562 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	69		40-140
2051-24-3	DCB Decachlorobiphenyl	70		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000008.D
Lims ID: 240-22648-G-36-G MS Client ID:
Inject. Date: 18-Apr-2013 18:04:47 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0019023-008
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 8
Lims Batch ID: 82562 Lims Sample ID: 8
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\PCB4.m
Last Update: 19-Apr-2013 14:30:32 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

First Level Reviewer: hassl Date: 19-Apr-2013 14:27:55

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.277	1.277	0.000	21837614	0.0138			
2	2	1.686	1.684	0.002	19471143	0.0123			
						RPD = 11.09			
3 PCB-1221									
1	2		1.405						
1	3		1.515						
1	4		1.544						
2	4		1.957						
2	5		2.089						
2	6		2.145						
4 PCB-1232									
1	100		1.543						
1	2		1.826						
1	3		2.217						
1	4		2.337						
1	5		2.716						
2	6		2.143						
2	7		2.538						
2	8		2.990						
2	9		3.129						
2	10		3.738						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.544						
1	2		1.826						
1	3		2.218						
1	4		2.338						
1	5		2.717						
2	6		2.143						
2	7		2.539						
2	8		2.991						
2	9		3.129						
2	10		3.738						
6 PCB-1016									
1	100	1.547	1.547	0.000	16343710	0.6023		100.0	
1	2	1.830	1.828	0.002	32791054	0.6697	156.0- 206.0	200.6	
1	3	2.222	2.221	0.001	71391812	0.7640	312.4- 362.4	436.8	
1	4	2.342	2.341	0.001	31127853	0.7418	118.7- 188.7	190.5	
1	5	2.720	2.718	0.002	27735643	0.6542	125.6- 175.6	169.7	
			Average of Peak Amounts =			0.6864			
2	6	2.147	2.146	0.001	15300144	0.5965		100.0	
2	7	2.542	2.542	0.000	31714080	0.6246	169.6- 229.6	207.3	
2	8	2.993	2.993	0.000	71232843	0.7168	351.4- 411.4	465.6	
2	9	3.133	3.132	0.001	27571796	0.6264	141.3- 201.3	180.2	
2	10	3.236	3.235	0.001	23333754	0.6812	102.5- 162.5	152.5	
			Average of Peak Amounts =			0.6491			
						RPD = 5.58			
7 PCB-1248									
1	86		1.825						
1	2		2.216						
1	3		2.716						
1	4		3.293						
1	5		3.726						
2	6		2.538						
2	7		2.990						
2	8		3.739						
2	9		4.013						
2	10		4.735						
8 PCB-1254									
1	100		3.340						
1	2		3.727						
1	3		4.010						
1	4		4.199						
1	5		4.483						
2	6		4.260						
2	7		4.735						
2	8		4.980						
2	9		5.341						
2	10		5.543						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.917	3.916	0.001	41725583	0.6687		100.0	
1	2	4.203	4.203	0.000	77940803	0.7077	152.2- 202.2	186.8	
1	3	4.483	4.484	-0.001	80026286	0.7433	146.4- 196.4	191.8	
1	4	5.183	5.183	0.000	94143945	0.7277	180.7- 230.7	225.6	
1	5	5.468	5.468	0.000	48503831	0.8328	64.1- 114.1	116.2	
			Average of Peak Amounts =			0.7360			
2	6	4.945	4.943	0.002	45816553	0.6661		100.0	
2	7	5.175	5.174	0.001	53642061	0.6719	87.6- 147.6	117.1	
2	8	5.542	5.543	-0.001	83259413	0.7046	144.7- 204.7	181.7	
2	9	6.228	6.227	0.001	105013211	0.7202	187.7- 247.7	229.2	
2	10	6.610	6.608	0.002	72673438	0.7518	115.0- 175.0	158.6	
			Average of Peak Amounts =			0.7029			
						RPD = 4.60			
9 PCB-1262									
1	100		4.203						
1	2		4.605						
1	3		4.851						
1	4		5.180						
1	5		5.554						
2	6		5.173						
2	7		5.643						
2	8		5.949						
2	9		6.225						
2	10		6.605						
11 PCB-1268									
1	100		5.511						
1	2		5.550						
1	3		5.749						
1	4		6.126						
1	5		6.423						
2	6		6.601						
2	7		6.649						
2	8		6.912						
2	9		7.228						
2	10		7.570						
$ 12 DCB Decachlorobiphenyl									
1	100	6.622	6.621	0.001	18810492	0.0141			
2	2	7.845	7.843	0.002	19653792	0.0135			
						RPD = 4.32			

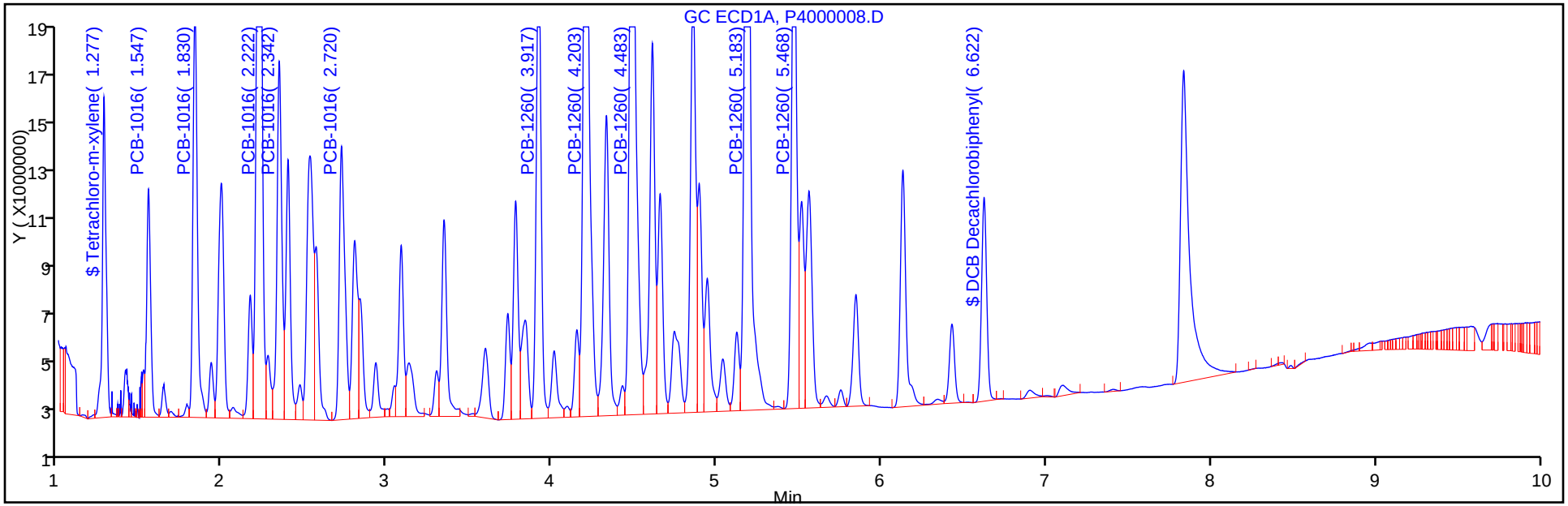
Report Date: 19-Apr-2013 14:30:37 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

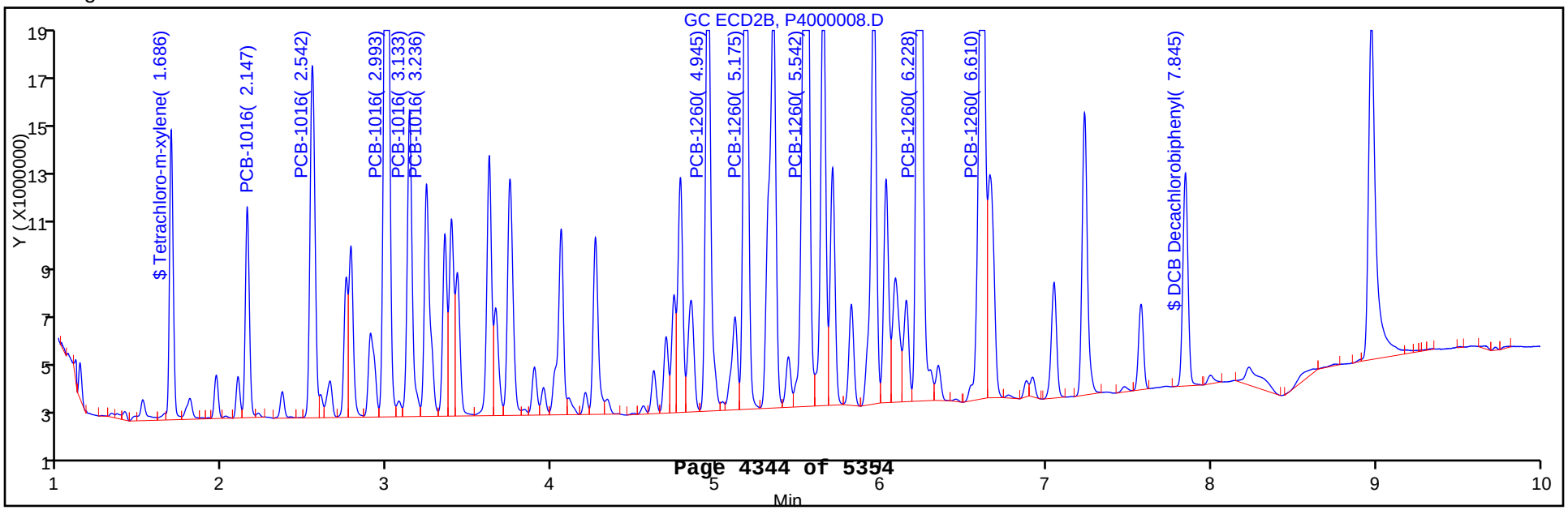
Data File: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000008.D

Injection Date:	18-Apr-2013 18:04:47	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82562	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Client Sample ID: 079SB-0069M-0001-SO MS Lab Sample ID: 240-22648-36 MS

Matrix: Solid Lab File ID: P4000008.D

Analysis Method: 8082/DOD Date Collected: 03/28/2013 16:15

Extraction Method: 3540C Date Extracted: 04/16/2013 10:59

Sample wt/vol: 30.40(g) Date Analyzed: 04/18/2013 18:04

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 82562 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	24	U H	49	24	16
12674-11-2	Aroclor-1016	214	H	64	24	21
11141-16-5	Aroclor-1232	24	U H	44	24	14
53469-21-9	Aroclor-1242	24	U H	39	24	13
12672-29-6	Aroclor-1248	24	U H	54	24	17
11097-69-1	Aroclor-1254	24	U H	54	24	17
11096-82-5	Aroclor-1260	231	H	54	24	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	62		40-140
2051-24-3	DCB Decachlorobiphenyl	67		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000008.D
Lims ID: 240-22648-G-36-G MS Client ID:
Inject. Date: 18-Apr-2013 18:04:47 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0019023-008
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 8
Lims Batch ID: 82562 Lims Sample ID: 8
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\PCB4.m
Last Update: 19-Apr-2013 14:30:32 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

First Level Reviewer: hassl Date: 19-Apr-2013 14:27:55

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.277	1.277	0.000	21837614	0.0138			
2	2	1.686	1.684	0.002	19471143	0.0123			
						RPD = 11.09			
3 PCB-1221									
1	2		1.405						
1	3		1.515						
1	4		1.544						
2	4		1.957						
2	5		2.089						
2	6		2.145						
4 PCB-1232									
1	100		1.543						
1	2		1.826						
1	3		2.217						
1	4		2.337						
1	5		2.716						
2	6		2.143						
2	7		2.538						
2	8		2.990						
2	9		3.129						
2	10		3.738						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.544						
1	2		1.826						
1	3		2.218						
1	4		2.338						
1	5		2.717						
2	6		2.143						
2	7		2.539						
2	8		2.991						
2	9		3.129						
2	10		3.738						
6 PCB-1016									
1	100	1.547	1.547	0.000	16343710	0.6023		100.0	
1	2	1.830	1.828	0.002	32791054	0.6697	156.0- 206.0	200.6	
1	3	2.222	2.221	0.001	71391812	0.7640	312.4- 362.4	436.8	
1	4	2.342	2.341	0.001	31127853	0.7418	118.7- 188.7	190.5	
1	5	2.720	2.718	0.002	27735643	0.6542	125.6- 175.6	169.7	
			Average of Peak Amounts =			0.6864			
2	6	2.147	2.146	0.001	15300144	0.5965		100.0	
2	7	2.542	2.542	0.000	31714080	0.6246	169.6- 229.6	207.3	
2	8	2.993	2.993	0.000	71232843	0.7168	351.4- 411.4	465.6	
2	9	3.133	3.132	0.001	27571796	0.6264	141.3- 201.3	180.2	
2	10	3.236	3.235	0.001	23333754	0.6812	102.5- 162.5	152.5	
			Average of Peak Amounts =			0.6491			
						RPD = 5.58			
7 PCB-1248									
1	86		1.825						
1	2		2.216						
1	3		2.716						
1	4		3.293						
1	5		3.726						
2	6		2.538						
2	7		2.990						
2	8		3.739						
2	9		4.013						
2	10		4.735						
8 PCB-1254									
1	100		3.340						
1	2		3.727						
1	3		4.010						
1	4		4.199						
1	5		4.483						
2	6		4.260						
2	7		4.735						
2	8		4.980						
2	9		5.341						
2	10		5.543						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.917	3.916	0.001	41725583	0.6687		100.0	
1	2	4.203	4.203	0.000	77940803	0.7077	152.2- 202.2	186.8	
1	3	4.483	4.484	-0.001	80026286	0.7433	146.4- 196.4	191.8	
1	4	5.183	5.183	0.000	94143945	0.7277	180.7- 230.7	225.6	
1	5	5.468	5.468	0.000	48503831	0.8328	64.1- 114.1	116.2	
			Average of Peak Amounts =			0.7360			
2	6	4.945	4.943	0.002	45816553	0.6661		100.0	
2	7	5.175	5.174	0.001	53642061	0.6719	87.6- 147.6	117.1	
2	8	5.542	5.543	-0.001	83259413	0.7046	144.7- 204.7	181.7	
2	9	6.228	6.227	0.001	105013211	0.7202	187.7- 247.7	229.2	
2	10	6.610	6.608	0.002	72673438	0.7518	115.0- 175.0	158.6	
			Average of Peak Amounts =			0.7029			
						RPD = 4.60			
9 PCB-1262									
1	100		4.203						
1	2		4.605						
1	3		4.851						
1	4		5.180						
1	5		5.554						
2	6		5.173						
2	7		5.643						
2	8		5.949						
2	9		6.225						
2	10		6.605						
11 PCB-1268									
1	100		5.511						
1	2		5.550						
1	3		5.749						
1	4		6.126						
1	5		6.423						
2	6		6.601						
2	7		6.649						
2	8		6.912						
2	9		7.228						
2	10		7.570						
$ 12 DCB Decachlorobiphenyl									
1	100	6.622	6.621	0.001	18810492	0.0141			
2	2	7.845	7.843	0.002	19653792	0.0135			
						RPD = 4.32			

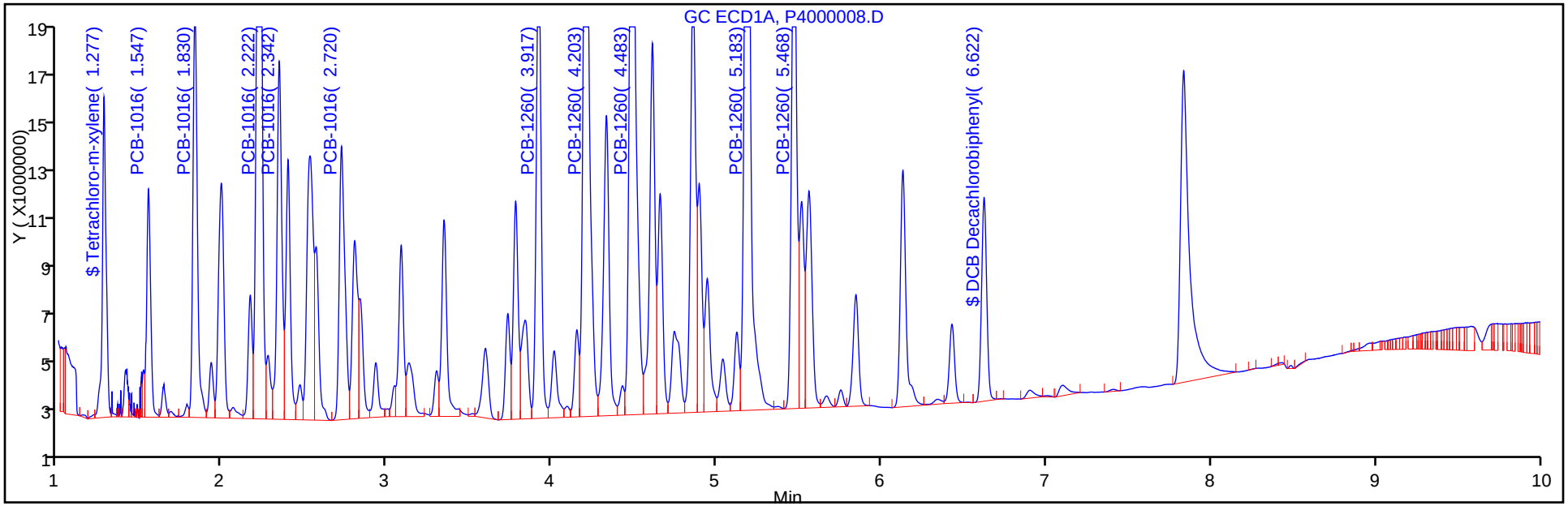
Report Date: 19-Apr-2013 14:30:37 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

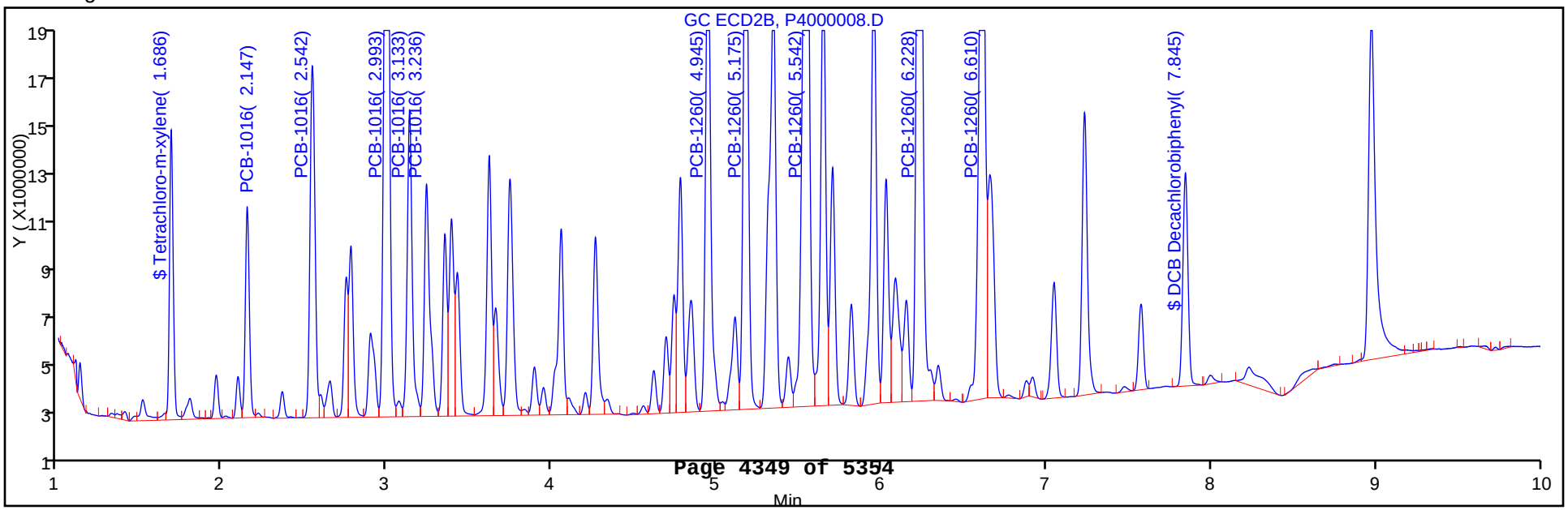
Data File: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000008.D

Injection Date:	18-Apr-2013 18:04:47	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82562	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22648-1

SDG No.:

Client Sample ID: 068SB-0046M-0001-SO MS | Lab Sample ID: 240-22648-43 MS

Matrix: Solid | Lab File ID: P1200026.D

Analysis Method: 8082/DOD | Date Collected: 03/29/2013 09:37

Extraction Method: 3540C | Date Extracted: 04/08/2013 11:10

Sample wt/vol: 30.07(g) | Date Analyzed: 04/11/2013 13:56

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 81439 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	50	25	16
12674-11-2	Aroclor-1016	277		65	25	21
11141-16-5	Aroclor-1232	25	U	45	25	14
53469-21-9	Aroclor-1242	25	U	40	25	13
12672-29-6	Aroclor-1248	25	U	55	25	17
11097-69-1	Aroclor-1254	25	U	55	25	17
11096-82-5	Aroclor-1260	248		55	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	86		40-140
2051-24-3	DCB Decachlorobiphenyl	67		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200026.D
Lims ID: 240-22648-G-43-D MS Client ID:
Inject. Date: 11-Apr-2013 13:56:59 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0018757-026
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 26
Lims Batch ID: 81439 Lims Sample ID: 26
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\PCB12.m
Last Update: 12-Apr-2013 08:13:51 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK025

First Level Reviewer: hassl Date: 12-Apr-2013 08:11:10

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.300	0.000	16931718	0.0173			
2	2	1.676	1.672	0.004	43127690	0.0162			
						RPD = 6.62			
3 PCB-1221									M
1	2		1.435						
1	3		1.560						
1	4		1.577						
2	4		1.950						
2	5		2.082						
2	6		2.139						
6 PCB-1016									M
1	100	1.580	1.578	0.002	14136052	0.8733		100.0	M
1	2	1.871	1.868	0.003	24333458	0.8091	165.5- 215.5	172.1	M
1	3	2.271	2.268	0.003	56990255	0.8907	356.7- 406.7	403.2	M
1	4	2.395	2.391	0.004	22306853	0.8256	144.0- 194.0	157.8	M
1	5	2.779	2.776	0.003	21641299	0.7660	153.1- 203.1	153.1	M
			Average of Peak Amounts =			0.8329			
2	6	2.142	2.138	0.004	33771230	0.7455		100.0	
2	7	2.541	2.538	0.003	71059861	0.8122	165.6- 225.6	210.4	
2	8	2.997	2.993	0.004	156834296	0.8622	366.1- 426.1	464.4	
2	9	3.135	3.133	0.002	57410340	0.7248	144.6- 204.6	170.0	
2	10	3.620	3.619	0.001	47394729	0.7193	112.9- 172.9	140.3	
			Average of Peak Amounts =			0.7728			
						RPD = 7.49			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5	PCB-1242								M
1	100		1.578						
1	2		1.869						
1	3		2.269						
1	4		2.392						
1	5		2.777						
2	6		2.139						
2	7		2.539						
2	8		2.995						
2	9		3.133						
2	10		3.620						
4	PCB-1232								M
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.778						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.134						
2	10		3.745						
7	PCB-1248								M
1	86		1.867						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.796						
2	6		2.537						
2	7		2.993						
2	8		3.618						
2	9		4.062						
2	10		4.742						
8	PCB-1254								M
1	100		3.407						
1	2		3.794						
1	3		4.077						
1	4		4.271						
1	5		4.552						
2	6		4.269						
2	7		4.742						
2	8		4.989						
2	9		5.347						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									M
1	100	3.985	3.984	0.001	31826088	0.7300		100.0	M
1	2	4.273	4.272	0.001	64318128	0.7468	172.1- 222.1	202.1	M
1	3	4.553	4.550	0.003	64457184	0.7633	168.4- 218.4	202.5	M
1	4	5.252	5.251	0.001	90336489	0.7635	244.3- 294.3	283.8	M
1	5	5.534	5.533	0.001	40748611	0.7260	104.3- 154.3	128.0	M
			Average of Peak Amounts =			0.7459			
2	6	4.952	4.951	0.001	96655798	0.7443		100.0	
2	7	5.184	5.183	0.001	107445765	0.7396	80.1- 140.1	111.2	
2	8	5.548	5.548	0.000	175648443	0.7599	146.6- 206.6	181.7	
2	9	6.233	6.233	0.000	210219797	0.7822	174.1- 234.1	217.5	
2	10	6.612	6.612	0.000	141085226	0.7049	121.8- 181.8	146.0	
			Average of Peak Amounts =			0.7462			
						RPD = 0.03			
9 PCB-1262									M
1	100		3.985						
1	2		4.274						
1	3		4.677						
1	4		5.252						
1	5		5.582						
2	6		5.182						
2	7		5.652						
2	8		5.957						
2	9		6.234						
2	10		6.611						
11 PCB-1268									M
1	100		5.581						
1	2		5.619						
1	3		5.817						
1	4		6.192						
1	5		6.489						
2	6		6.609						
2	7		6.656						
2	8		6.918						
2	9		7.232						
2	10		7.574						
$ 12 DCB Decachlorobiphenyl									
1	100	6.684	6.683	0.001	13694116	0.0134			
2	2	7.841	7.842	-0.001	35897726	0.0121			
						RPD = 10.10			

QC Flag Legend

Review Flags
M - Manually Integrated

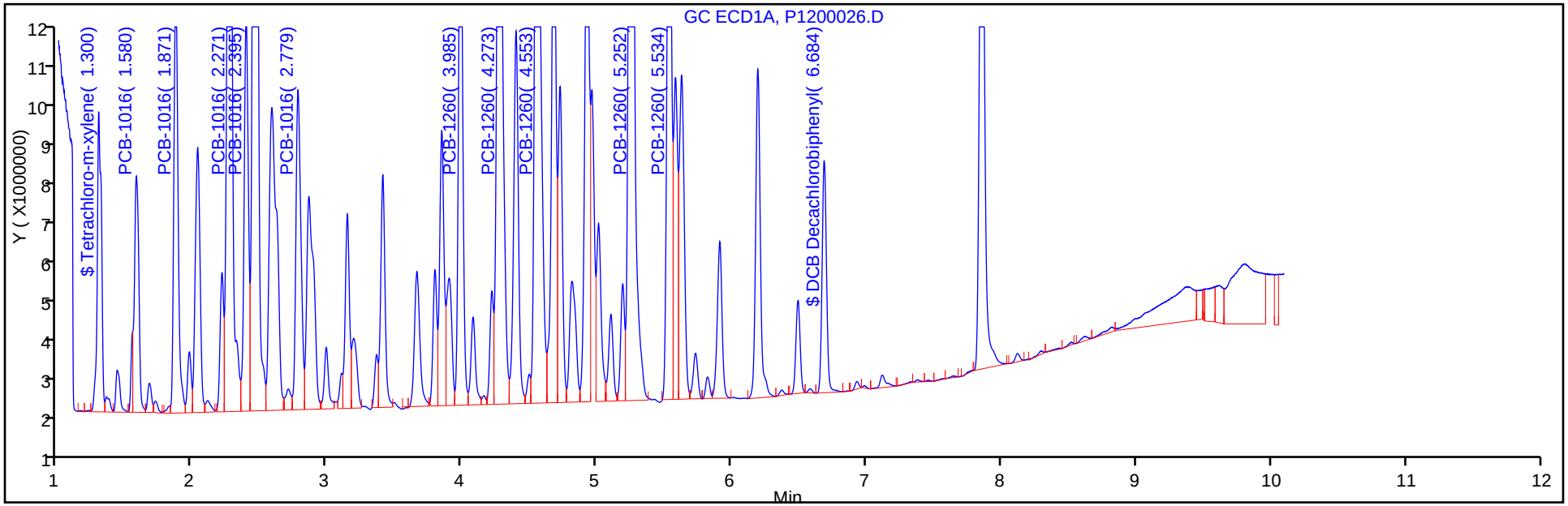
Report Date: 12-Apr-2013 08:13:55 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

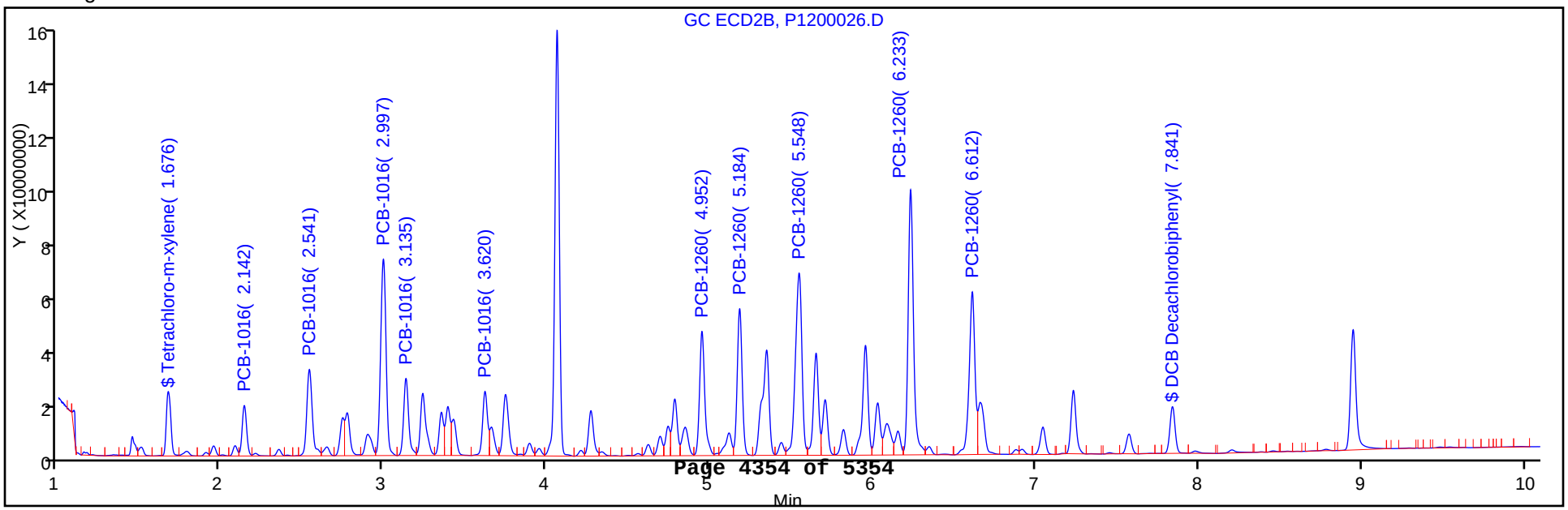
Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200026.D

Injection Date:	11-Apr-2013 13:56:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81439	Lims Sample ID:	26
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



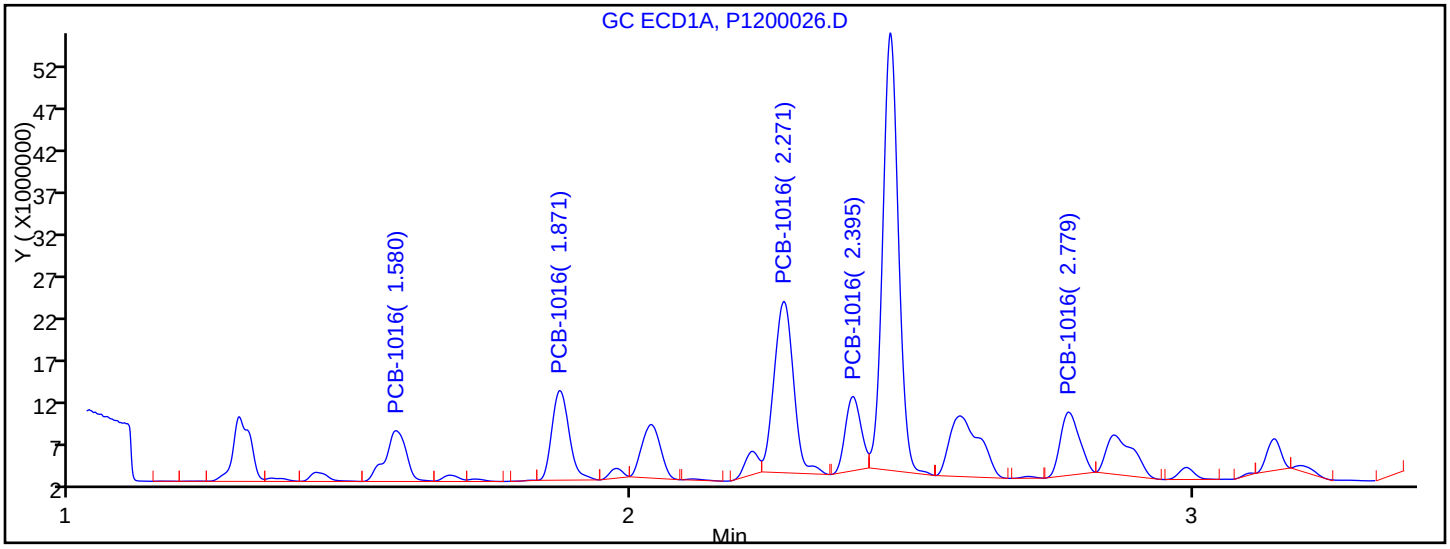
Report Date: 12-Apr-2013 08:13:56 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200026.D

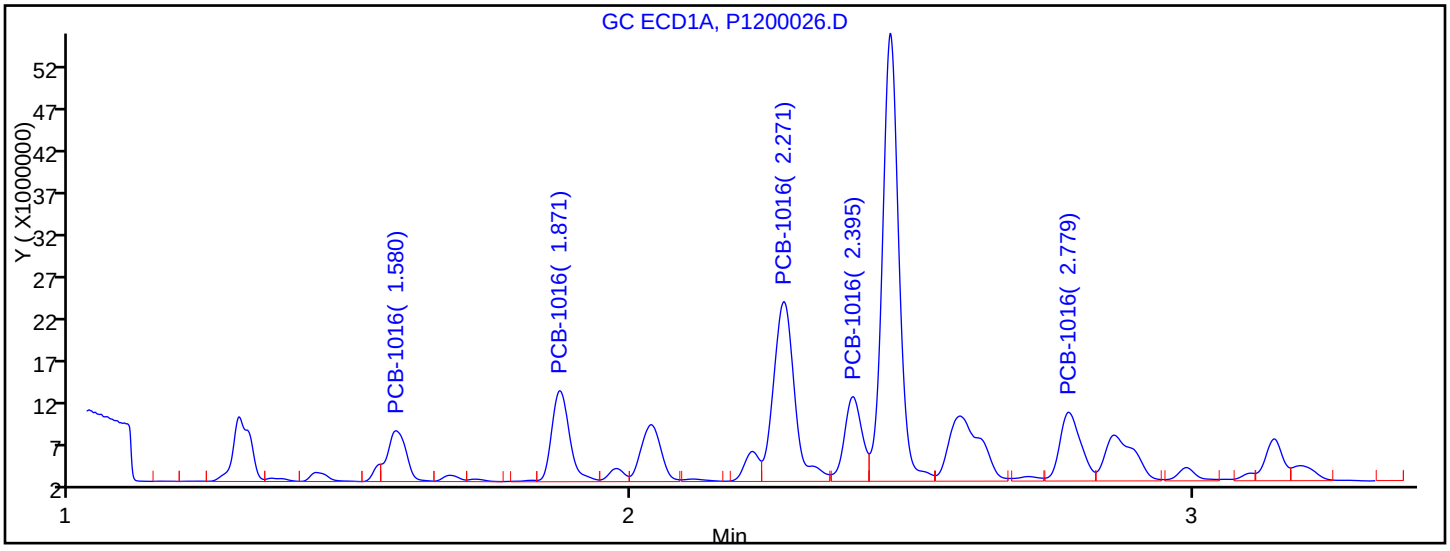
Injection Date:	11-Apr-2013 13:56:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81439	Lims Sample ID:	26
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.580	Response = 15927118	M
RT = 1.871	Response = 23117733	M
RT = 2.271	Response = 49896765	M
RT = 2.395	Response = 17438716	M
RT = 2.779	Response = 17860239	M



Manual Integration Results

RT = 1.580	Response = 14136052	M
RT = 1.871	Response = 24333458	M
RT = 2.271	Response = 56990255	M
RT = 2.395	Response = 22306853	M
RT = 2.779	Response = 21641299	M

Reviewer: hassl, 12-Apr-2013 08:11:10

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

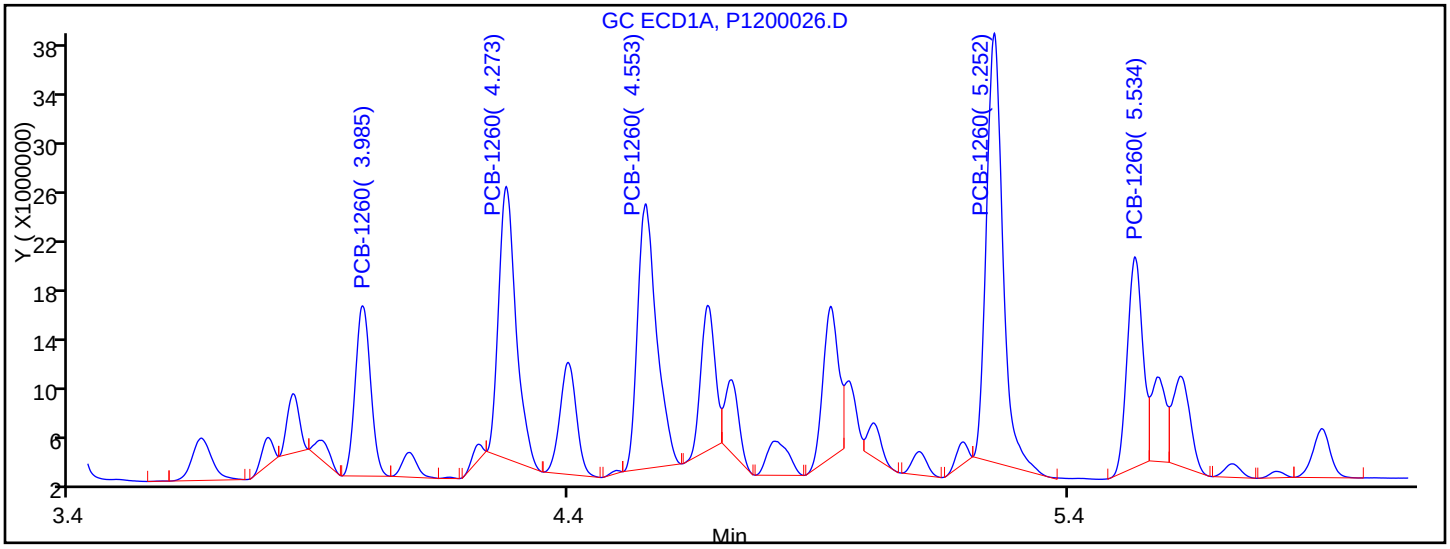
Report Date: 12-Apr-2013 08:13:56 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200026.D

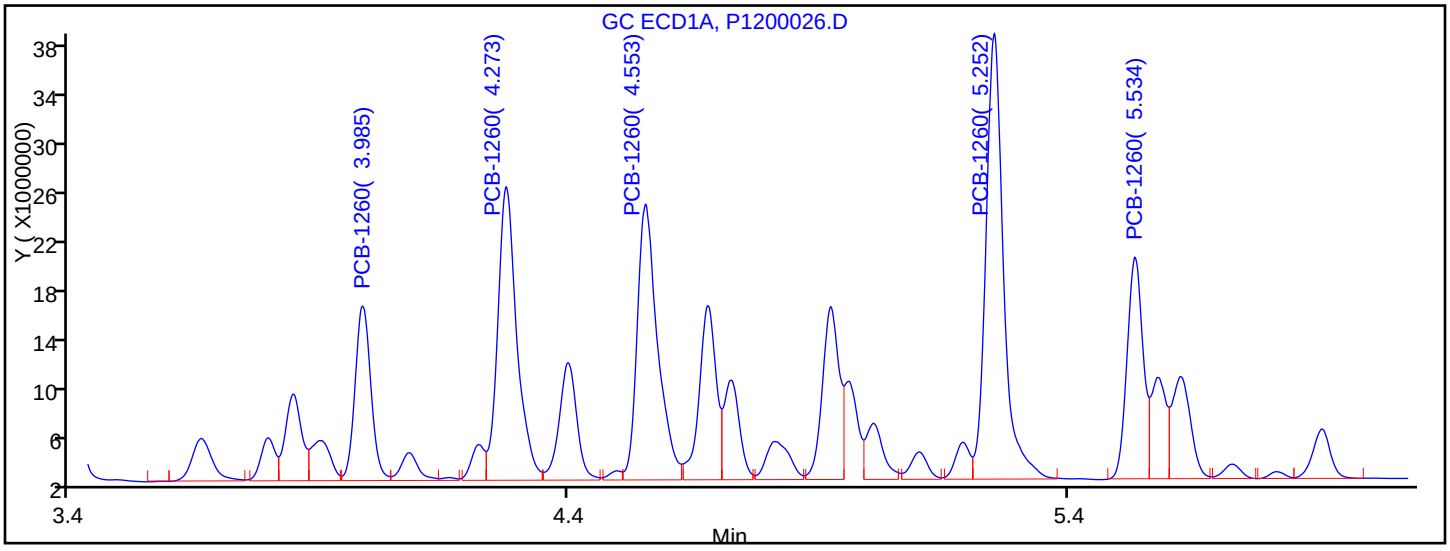
Injection Date:	11-Apr-2013 13:56:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81439	Lims Sample ID:	26
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

10 PCB-1260, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.985	Response = 29808852	M
RT = 4.273	Response = 54191471	M
RT = 4.553	Response = 57606977	M
RT = 5.252	Response = 81392304	M
RT = 5.534	Response = 37309483	M



Manual Integration Results

RT = 3.985	Response = 31826088	M
RT = 4.273	Response = 64318128	M
RT = 4.553	Response = 64457184	M
RT = 5.252	Response = 90336489	M
RT = 5.534	Response = 40748611	M

Reviewer: hassl, 12-Apr-2013 08:11:10

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Client Sample ID: 068SB-0046M-0001-SO MS Lab Sample ID: 240-22648-43 MS

Matrix: Solid Lab File ID: P1200026.D

Analysis Method: 8082/DOD Date Collected: 03/29/2013 09:37

Extraction Method: 3540C Date Extracted: 04/08/2013 11:10

Sample wt/vol: 30.07(g) Date Analyzed: 04/11/2013 13:56

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 81439 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	81		40-140
2051-24-3	DCB Decachlorobiphenyl	61		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200026.D
Lims ID: 240-22648-G-43-D MS Client ID:
Inject. Date: 11-Apr-2013 13:56:59 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0018757-026
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 26
Lims Batch ID: 81439 Lims Sample ID: 26
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\PCB12.m
Last Update: 12-Apr-2013 08:13:51 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK025

First Level Reviewer: hassl Date: 12-Apr-2013 08:11:10

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.300	0.000	16931718	0.0173			
2	2	1.676	1.672	0.004	43127690	0.0162			
						RPD = 6.62			
3 PCB-1221									M
1	2		1.435						
1	3		1.560						
1	4		1.577						
2	4		1.950						
2	5		2.082						
2	6		2.139						
6 PCB-1016									M
1	100	1.580	1.578	0.002	14136052	0.8733		100.0	M
1	2	1.871	1.868	0.003	24333458	0.8091	165.5- 215.5	172.1	M
1	3	2.271	2.268	0.003	56990255	0.8907	356.7- 406.7	403.2	M
1	4	2.395	2.391	0.004	22306853	0.8256	144.0- 194.0	157.8	M
1	5	2.779	2.776	0.003	21641299	0.7660	153.1- 203.1	153.1	M
			Average of Peak Amounts =			0.8329			
2	6	2.142	2.138	0.004	33771230	0.7455		100.0	
2	7	2.541	2.538	0.003	71059861	0.8122	165.6- 225.6	210.4	
2	8	2.997	2.993	0.004	156834296	0.8622	366.1- 426.1	464.4	
2	9	3.135	3.133	0.002	57410340	0.7248	144.6- 204.6	170.0	
2	10	3.620	3.619	0.001	47394729	0.7193	112.9- 172.9	140.3	
			Average of Peak Amounts =			0.7728			
						RPD = 7.49			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5	PCB-1242								M
1	100		1.578						
1	2		1.869						
1	3		2.269						
1	4		2.392						
1	5		2.777						
2	6		2.139						
2	7		2.539						
2	8		2.995						
2	9		3.133						
2	10		3.620						
4	PCB-1232								M
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.778						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.134						
2	10		3.745						
7	PCB-1248								M
1	86		1.867						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.796						
2	6		2.537						
2	7		2.993						
2	8		3.618						
2	9		4.062						
2	10		4.742						
8	PCB-1254								M
1	100		3.407						
1	2		3.794						
1	3		4.077						
1	4		4.271						
1	5		4.552						
2	6		4.269						
2	7		4.742						
2	8		4.989						
2	9		5.347						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									M
1	100	3.985	3.984	0.001	31826088	0.7300		100.0	M
1	2	4.273	4.272	0.001	64318128	0.7468	172.1- 222.1	202.1	M
1	3	4.553	4.550	0.003	64457184	0.7633	168.4- 218.4	202.5	M
1	4	5.252	5.251	0.001	90336489	0.7635	244.3- 294.3	283.8	M
1	5	5.534	5.533	0.001	40748611	0.7260	104.3- 154.3	128.0	M
			Average of Peak Amounts =			0.7459			
2	6	4.952	4.951	0.001	96655798	0.7443		100.0	
2	7	5.184	5.183	0.001	107445765	0.7396	80.1- 140.1	111.2	
2	8	5.548	5.548	0.000	175648443	0.7599	146.6- 206.6	181.7	
2	9	6.233	6.233	0.000	210219797	0.7822	174.1- 234.1	217.5	
2	10	6.612	6.612	0.000	141085226	0.7049	121.8- 181.8	146.0	
			Average of Peak Amounts =			0.7462			
						RPD = 0.03			
9 PCB-1262									M
1	100		3.985						
1	2		4.274						
1	3		4.677						
1	4		5.252						
1	5		5.582						
2	6		5.182						
2	7		5.652						
2	8		5.957						
2	9		6.234						
2	10		6.611						
11 PCB-1268									M
1	100		5.581						
1	2		5.619						
1	3		5.817						
1	4		6.192						
1	5		6.489						
2	6		6.609						
2	7		6.656						
2	8		6.918						
2	9		7.232						
2	10		7.574						
$ 12 DCB Decachlorobiphenyl									
1	100	6.684	6.683	0.001	13694116	0.0134			
2	2	7.841	7.842	-0.001	35897726	0.0121			
						RPD = 10.10			

QC Flag Legend

Review Flags
M - Manually Integrated

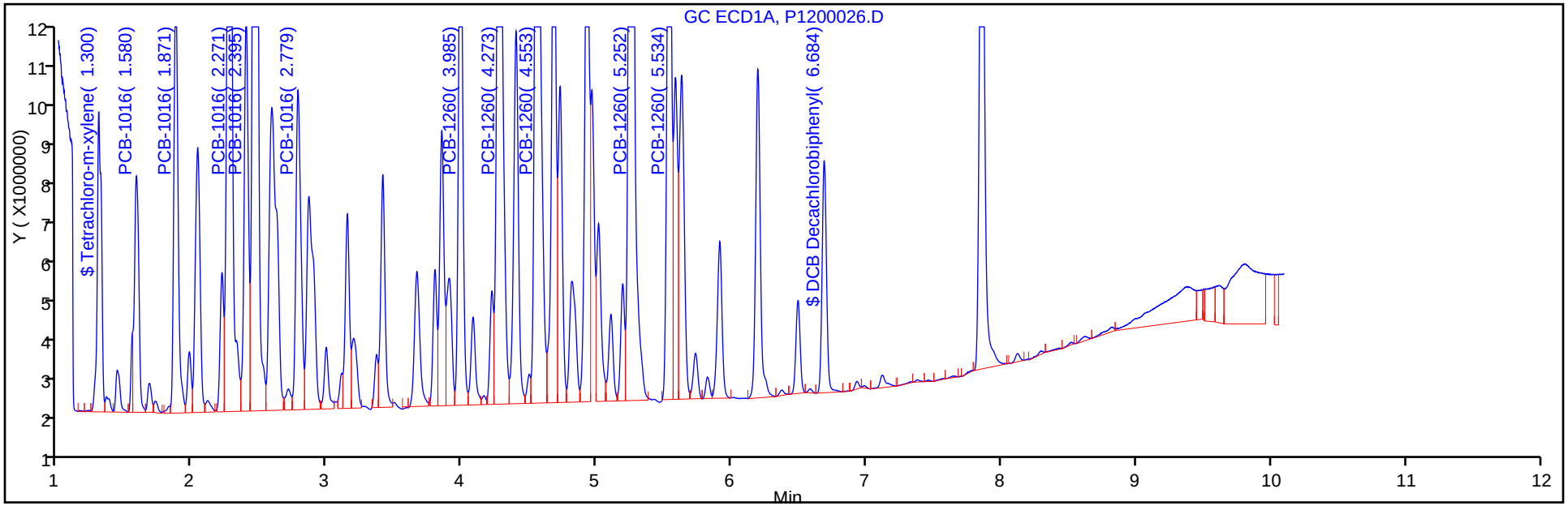
Report Date: 12-Apr-2013 08:13:56 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

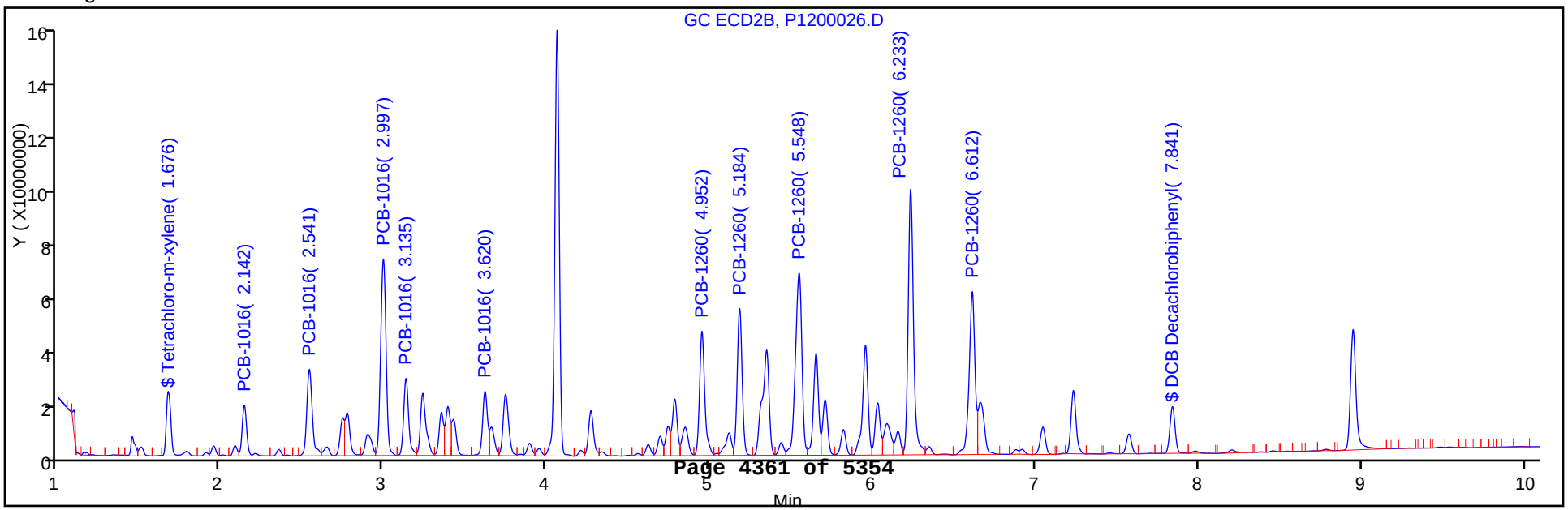
Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200026.D

Injection Date:	11-Apr-2013 13:56:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81439	Lims Sample ID:	26
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Client Sample ID: 068SB-0059M-0001-SO MS Lab Sample ID: 240-22648-62 MS

Matrix: Solid Lab File ID: P1200035.D

Analysis Method: 8082/DOD Date Collected: 03/29/2013 11:47

Extraction Method: 3540C Date Extracted: 04/11/2013 11:52

Sample wt/vol: 29.82(g) Date Analyzed: 04/15/2013 17:45

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 81867 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	83		40-140
2051-24-3	DCB Decachlorobiphenyl	78		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200035.D
Lims ID: 240-22648-C-62-E MS Client ID:
Inject. Date: 15-Apr-2013 17:45:59 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0018856-035
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 35
Lims Batch ID: 81867 Lims Sample ID: 35
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m
Last Update: 16-Apr-2013 09:18:20 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK021

First Level Reviewer: hassl Date: 16-Apr-2013 09:13:35

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.301	1.301	0.000	16307640	0.0166			
2	2	1.673	1.672	0.001	48699369	0.0182			
						RPD = 9.28			
3 PCB-1221									M
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									M
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									M
1	100	1.579	1.579	0.000	12981068	0.8020		100.0	M
1	2	1.870	1.869	0.001	25681463	0.8539	165.5- 215.5	197.8	
1	3	2.270	2.270	0.000	58900231	0.9206	356.7- 406.7	453.7	
1	4	2.393	2.392	0.001	23593880	0.8732	144.0- 194.0	181.8	
1	5	2.777	2.777	0.000	23181415	0.8205	153.1- 203.1	178.6	
			Average of Peak Amounts =			0.8540			
2	6	2.141	2.140	0.001	34004802	0.7507		100.0	
2	7	2.541	2.540	0.001	71989168	0.8228	165.6- 225.6	211.7	
2	8	2.996	2.996	0.000	162025653	0.8907	366.1- 426.1	476.5	
2	9	3.135	3.134	0.001	60230224	0.7604	144.6- 204.6	177.1	
2	10	3.620	3.620	0.000	46681331	0.7085	112.9- 172.9	137.3	
			Average of Peak Amounts =			0.7866			
						RPD = 8.22			
5 PCB-1242									M
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
9 PCB-1262									
1	100		3.984						
1	2		4.274						
1	3		4.677						
1	4		5.250						
1	5		5.582						
2	6		5.184						
2	7		5.652						
2	8		5.957						
2	9		6.234						
2	10		6.611						
10 PCB-1260									
1	100	3.985	3.985	0.000	34498801	0.7913		100.0	
1	2	4.272	4.272	0.000	70637332	0.8202	172.1- 222.1	204.8	
1	3	4.553	4.552	0.001	70888286	0.8395	168.4- 218.4	205.5	
1	4	5.251	5.250	0.001	100638149	0.8506	244.3- 294.3	291.7	
1	5	5.534	5.534	0.000	46065241	0.8208	104.3- 154.3	133.5	
			Average of Peak Amounts =			0.8245			
2	6	4.952	4.952	0.000	102168907	0.7867		100.0	
2	7	5.184	5.182	0.002	115574855	0.7956	80.1- 140.1	113.1	
2	8	5.550	5.549	0.001	186064179	0.8050	146.6- 206.6	182.1	
2	9	6.234	6.233	0.001	223654997	0.8322	174.1- 234.1	218.9	
2	10	6.611	6.612	-0.001	156949593	0.7842	121.8- 181.8	153.6	
			Average of Peak Amounts =			0.8007			
						RPD = 2.92			
11 PCB-1268									
1	100		5.582						
1	2		5.621						
1	3		5.818						
1	4		6.193						
1	5		6.489						
2	6		6.610						
2	7		6.657						
2	8		6.919						
2	9		7.233						
2	10		7.575						
$ 12 DCB Decachlorobiphenyl									
1	100	6.685	6.685	0.000	15909569	0.0156			
2	2	7.841	7.842	-0.001	43133137	0.0146			
						RPD = 6.74			

QC Flag Legend

Review Flags
M - Manually Integrated

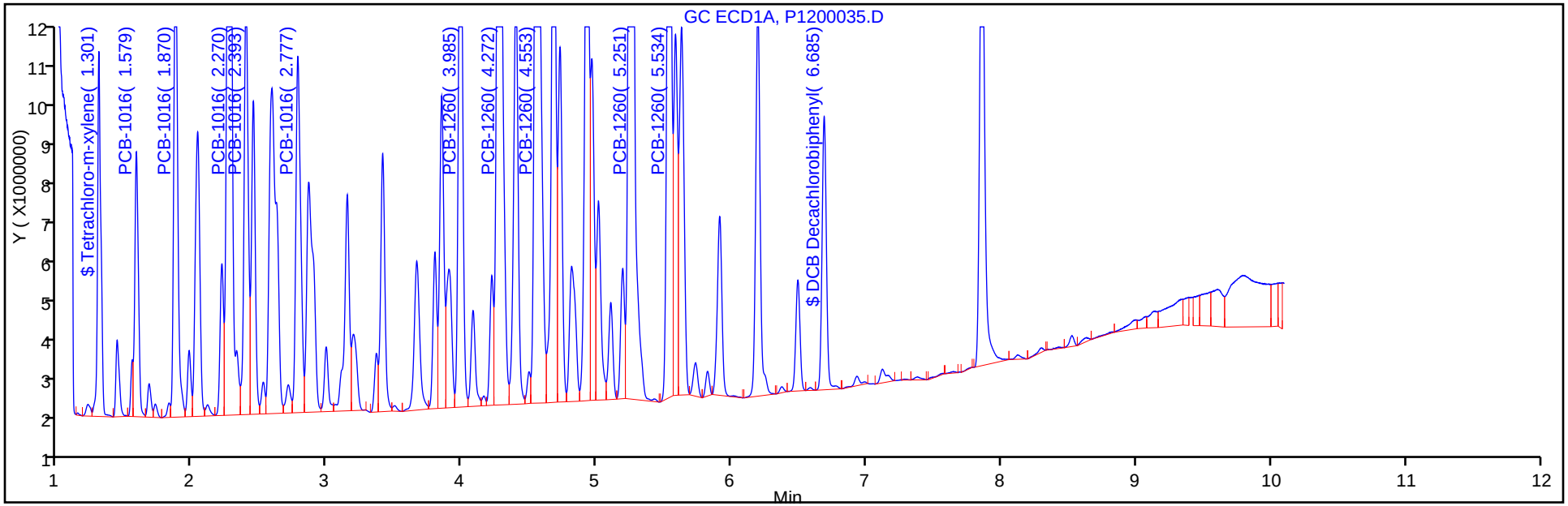
Report Date: 16-Apr-2013 09:18:23 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

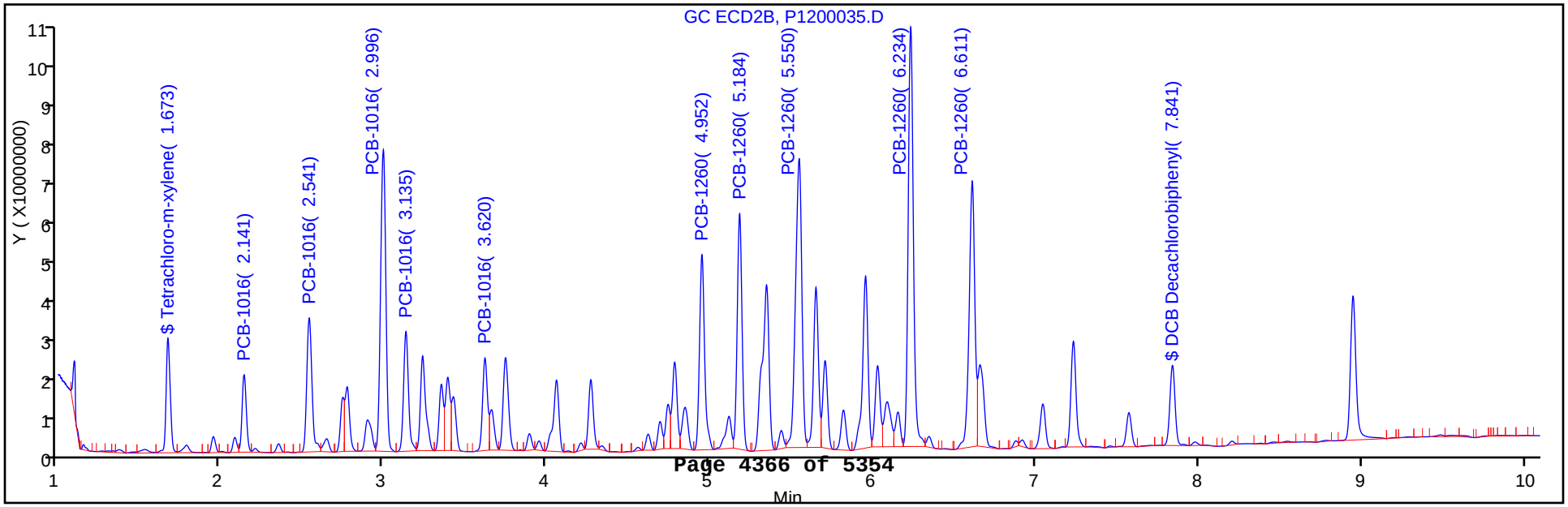
Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200035.D

Injection Date:	15-Apr-2013 17:45:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	35
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



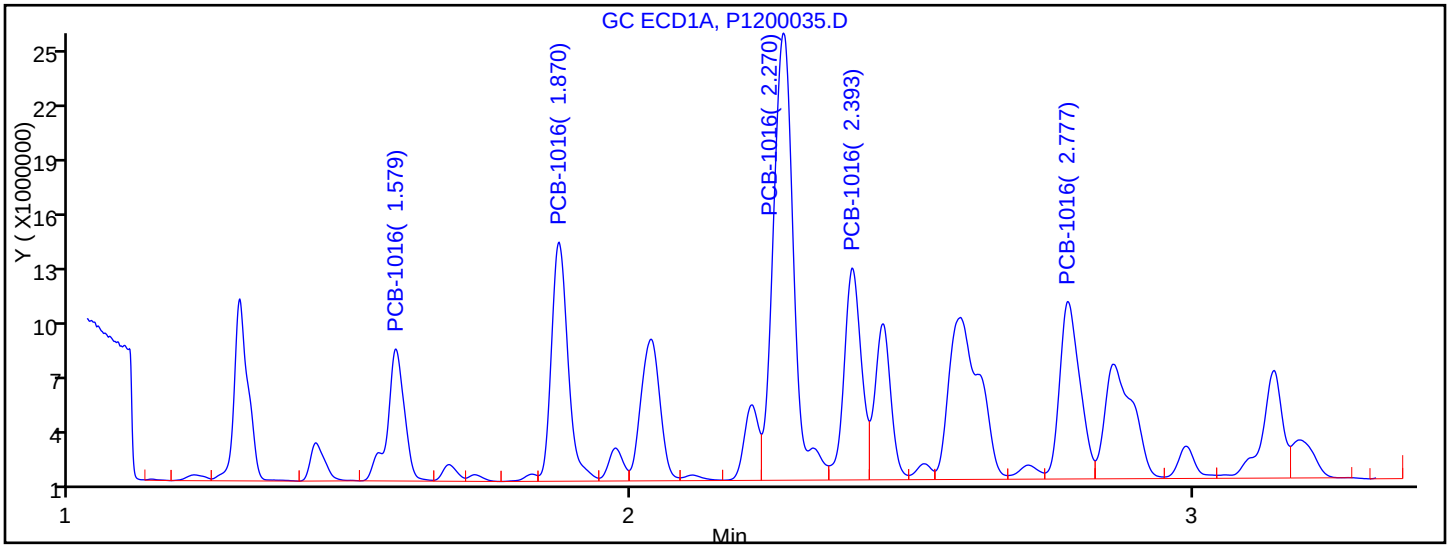
Report Date: 16-Apr-2013 09:18:23 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200035.D

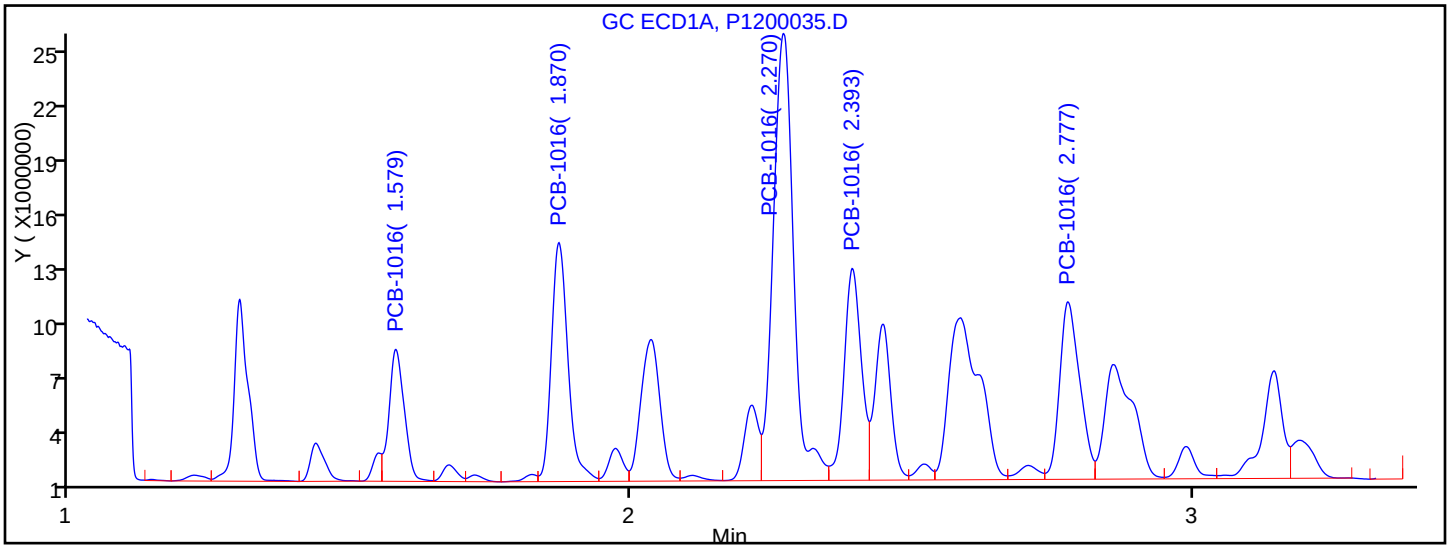
Injection Date:	15-Apr-2013 17:45:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	35
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.579	Response = 14546807	M
RT = 1.870	Response = 25681463	
RT = 2.270	Response = 58900231	
RT = 2.393	Response = 23593880	
RT = 2.777	Response = 23181415	



Manual Integration Results

RT = 1.579	Response = 12981068	M
RT = 1.870	Response = 25681463	
RT = 2.270	Response = 58900231	
RT = 2.393	Response = 23593880	
RT = 2.777	Response = 23181415	

Reviewer: hassl, 16-Apr-2013 09:13:35

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22648-1

SDG No.:

Client Sample ID: 068SB-0059M-0001-SO MS | Lab Sample ID: 240-22648-62 MS

Matrix: Solid | Lab File ID: P1200035.D

Analysis Method: 8082/DOD | Date Collected: 03/29/2013 11:47

Extraction Method: 3540C | Date Extracted: 04/11/2013 11:52

Sample wt/vol: 29.82(g) | Date Analyzed: 04/15/2013 17:45

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 81867 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	50	25	16
12674-11-2	Aroclor-1016	264		65	25	21
11141-16-5	Aroclor-1232	25	U	45	25	14
53469-21-9	Aroclor-1242	25	U	40	25	13
12672-29-6	Aroclor-1248	25	U	55	25	17
11097-69-1	Aroclor-1254	25	U	55	25	17
11096-82-5	Aroclor-1260	269		55	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	91		40-140
2051-24-3	DCB Decachlorobiphenyl	73		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200035.D
Lims ID: 240-22648-C-62-E MS Client ID:
Inject. Date: 15-Apr-2013 17:45:59 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0018856-035
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 35
Lims Batch ID: 81867 Lims Sample ID: 35
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m
Last Update: 16-Apr-2013 09:18:20 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK021

First Level Reviewer: hassl Date: 16-Apr-2013 09:13:35

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.301	1.301	0.000	16307640	0.0166			
2	2	1.673	1.672	0.001	48699369	0.0182			
						RPD = 9.28			
3 PCB-1221									M
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									M
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									M
1	100	1.579	1.579	0.000	12981068	0.8020		100.0	M
1	2	1.870	1.869	0.001	25681463	0.8539	165.5- 215.5	197.8	
1	3	2.270	2.270	0.000	58900231	0.9206	356.7- 406.7	453.7	
1	4	2.393	2.392	0.001	23593880	0.8732	144.0- 194.0	181.8	
1	5	2.777	2.777	0.000	23181415	0.8205	153.1- 203.1	178.6	
			Average of Peak Amounts =			0.8540			
2	6	2.141	2.140	0.001	34004802	0.7507		100.0	
2	7	2.541	2.540	0.001	71989168	0.8228	165.6- 225.6	211.7	
2	8	2.996	2.996	0.000	162025653	0.8907	366.1- 426.1	476.5	
2	9	3.135	3.134	0.001	60230224	0.7604	144.6- 204.6	177.1	
2	10	3.620	3.620	0.000	46681331	0.7085	112.9- 172.9	137.3	
			Average of Peak Amounts =			0.7866			
						RPD = 8.22			
5 PCB-1242									M
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
9 PCB-1262									
1	100		3.984						
1	2		4.274						
1	3		4.677						
1	4		5.250						
1	5		5.582						
2	6		5.184						
2	7		5.652						
2	8		5.957						
2	9		6.234						
2	10		6.611						
10 PCB-1260									
1	100	3.985	3.985	0.000	34498801	0.7913		100.0	
1	2	4.272	4.272	0.000	70637332	0.8202	172.1- 222.1	204.8	
1	3	4.553	4.552	0.001	70888286	0.8395	168.4- 218.4	205.5	
1	4	5.251	5.250	0.001	100638149	0.8506	244.3- 294.3	291.7	
1	5	5.534	5.534	0.000	46065241	0.8208	104.3- 154.3	133.5	
			Average of Peak Amounts =			0.8245			
2	6	4.952	4.952	0.000	102168907	0.7867		100.0	
2	7	5.184	5.182	0.002	115574855	0.7956	80.1- 140.1	113.1	
2	8	5.550	5.549	0.001	186064179	0.8050	146.6- 206.6	182.1	
2	9	6.234	6.233	0.001	223654997	0.8322	174.1- 234.1	218.9	
2	10	6.611	6.612	-0.001	156949593	0.7842	121.8- 181.8	153.6	
			Average of Peak Amounts =			0.8007			
						RPD = 2.92			
11 PCB-1268									
1	100		5.582						
1	2		5.621						
1	3		5.818						
1	4		6.193						
1	5		6.489						
2	6		6.610						
2	7		6.657						
2	8		6.919						
2	9		7.233						
2	10		7.575						
$ 12 DCB Decachlorobiphenyl									
1	100	6.685	6.685	0.000	15909569	0.0156			
2	2	7.841	7.842	-0.001	43133137	0.0146			
						RPD = 6.74			

QC Flag Legend

Review Flags
M - Manually Integrated

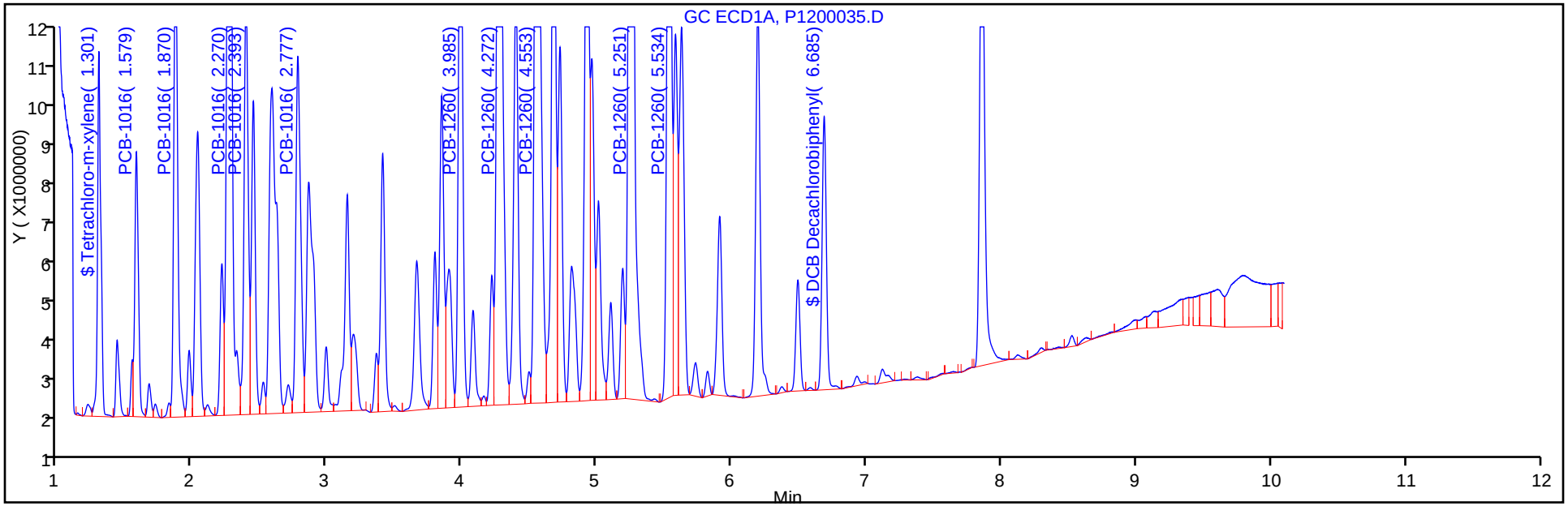
Report Date: 16-Apr-2013 09:18:24 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

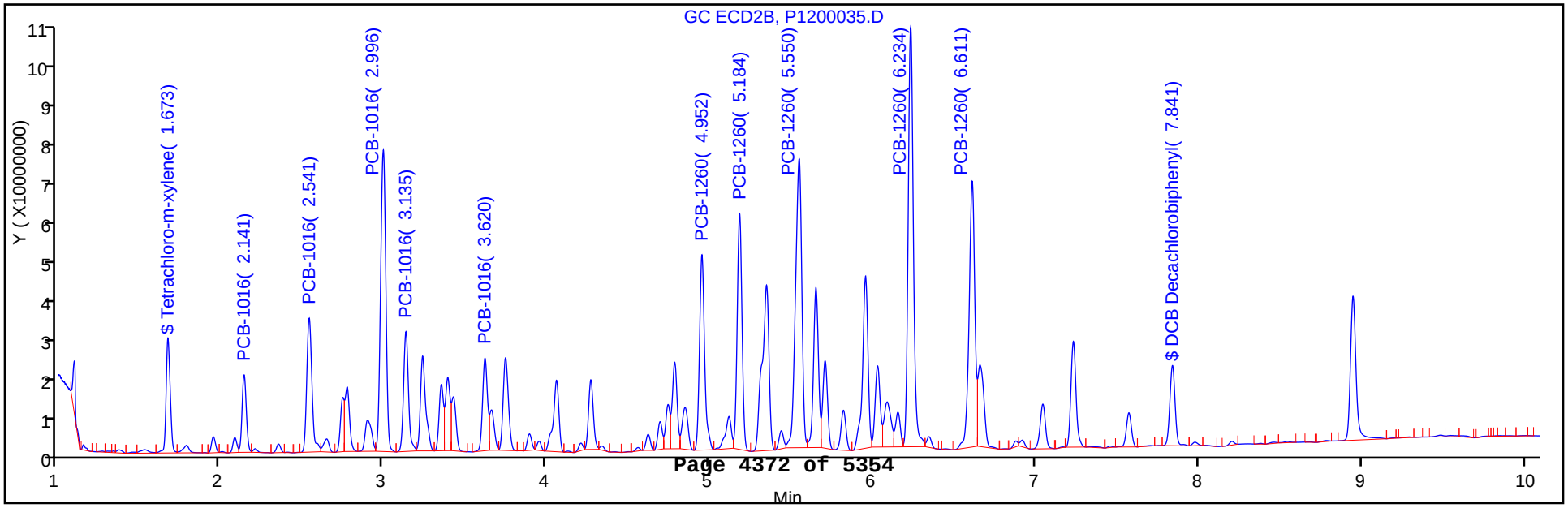
Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200035.D

Injection Date:	15-Apr-2013 17:45:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	35
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Client Sample ID: 079SB-0069M-0001-SO MSD Lab Sample ID: 240-22648-36 MSD

Matrix: Solid Lab File ID: P4000009.D

Analysis Method: 8082/DOD Date Collected: 03/28/2013 16:15

Extraction Method: 3540C Date Extracted: 04/16/2013 10:59

Sample wt/vol: 29.54(g) Date Analyzed: 04/18/2013 18:20

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 82562 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	70		40-140
2051-24-3	DCB Decachlorobiphenyl	67		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000009.D
Lims ID: 240-22648-G-36-H MSD Client ID:
Inject. Date: 18-Apr-2013 18:20:30 Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-0019023-009
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 9
Lims Batch ID: 82562 Lims Sample ID: 9
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\PCB4.m
Last Update: 19-Apr-2013 14:30:32 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

First Level Reviewer: hassl Date: 19-Apr-2013 14:28:18

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.277	1.277	0.000	22031824	0.0139			
2	2	1.684	1.684	0.000	19175650	0.0122			
						RPD = 13.50			
3 PCB-1221									
1	2		1.405						
1	3		1.515						
1	4		1.544						
2	4		1.957						
2	5		2.089						
2	6		2.145						
4 PCB-1232									
1	100		1.543						
1	2		1.826						
1	3		2.217						
1	4		2.337						
1	5		2.716						
2	6		2.143						
2	7		2.538						
2	8		2.990						
2	9		3.129						
2	10		3.738						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.544						
1	2		1.826						
1	3		2.218						
1	4		2.338						
1	5		2.717						
2	6		2.143						
2	7		2.539						
2	8		2.991						
2	9		3.129						
2	10		3.738						
6 PCB-1016									
1	100	1.546	1.547	-0.001	15858036	0.5844		100.0	
1	2	1.828	1.828	0.000	32288900	0.6594	156.0- 206.0	203.6	
1	3	2.221	2.221	0.000	68457052	0.7326	312.4- 362.4	431.7	
1	4	2.340	2.341	-0.001	30224525	0.7203	118.7- 188.7	190.6	
1	5	2.718	2.718	0.000	26178749	0.6174	125.6- 175.6	165.1	
			Average of Peak Amounts =			0.6628			
2	6	2.146	2.146	0.000	15188243	0.5922		100.0	
2	7	2.542	2.542	0.000	30807483	0.6068	169.6- 229.6	202.8	
2	8	2.994	2.993	0.001	68483803	0.6891	351.4- 411.4	450.9	
2	9	3.133	3.132	0.001	26108610	0.5931	141.3- 201.3	171.9	
2	10	3.236	3.235	0.001	21519277	0.6283	102.5- 162.5	141.7	
			Average of Peak Amounts =			0.6219			
						RPD = 6.37			
7 PCB-1248									M
1	86		1.825						
1	2		2.216						
1	3		2.716						
1	4		3.293						
1	5		3.726						
2	6		2.538						
2	7		2.990						
2	8		3.739						
2	9		4.013						
2	10		4.735						
8 PCB-1254									M
1	100		3.340						
1	2		3.727						
1	3		4.010						
1	4		4.199						
1	5		4.483						
2	6		4.260						
2	7		4.735						
2	8		4.980						
2	9		5.341						
2	10		5.543						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									M
1	100	3.916	3.916	0.000	40178838	0.6439		100.0	
1	2	4.204	4.203	0.001	74947620	0.6805	152.2- 202.2	186.5	
1	3	4.483	4.484	-0.001	76840965	0.7137	146.4- 196.4	191.2	
1	4	5.184	5.183	0.001	86647960	0.6697	180.7- 230.7	215.7	
1	5	5.467	5.468	-0.001	46179150	0.7928	64.1- 114.1	114.9	
			Average of Peak Amounts =			0.7001			
2	6	4.946	4.943	0.003	44345530	0.6447		100.0	M
2	7	5.175	5.174	0.001	52506673	0.6577	87.6- 147.6	118.4	M
2	8	5.542	5.543	-0.001	81122327	0.6865	144.7- 204.7	182.9	M
2	9	6.227	6.227	0.000	99613502	0.6832	187.7- 247.7	224.6	M
2	10	6.608	6.608	0.000	70079413	0.7250	115.0- 175.0	158.0	M
			Average of Peak Amounts =			0.6794			
						RPD = 3.01			
9 PCB-1262									M
1	100		4.203						
1	2		4.605						
1	3		4.851						
1	4		5.180						
1	5		5.554						
2	6		5.173						
2	7		5.643						
2	8		5.949						
2	9		6.225						
2	10		6.605						
11 PCB-1268									M
1	100		5.511						
1	2		5.550						
1	3		5.749						
1	4		6.126						
1	5		6.423						
2	6		6.601						
2	7		6.649						
2	8		6.912						
2	9		7.228						
2	10		7.570						
$ 12 DCB Decachlorobiphenyl									
1	100	6.622	6.621	0.001	17887192	0.0134			
2	2	7.844	7.843	0.001	18434819	0.0127			
						RPD = 5.69			

QC Flag Legend

Review Flags
M - Manually Integrated

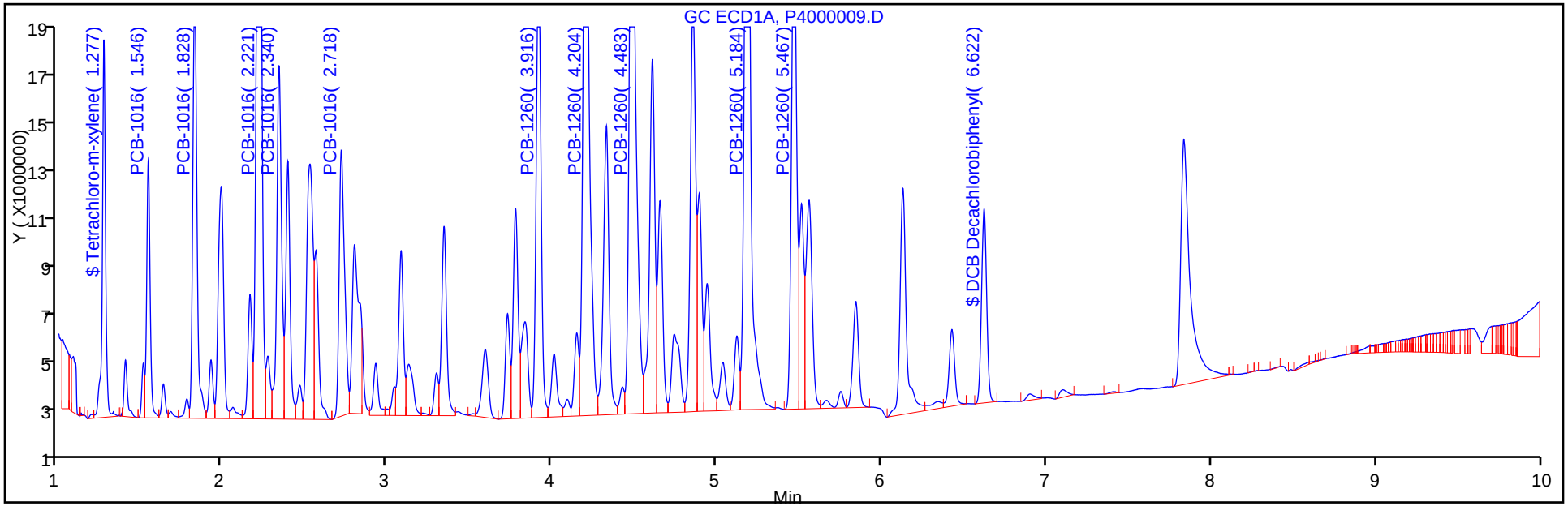
Report Date: 19-Apr-2013 14:30:38 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

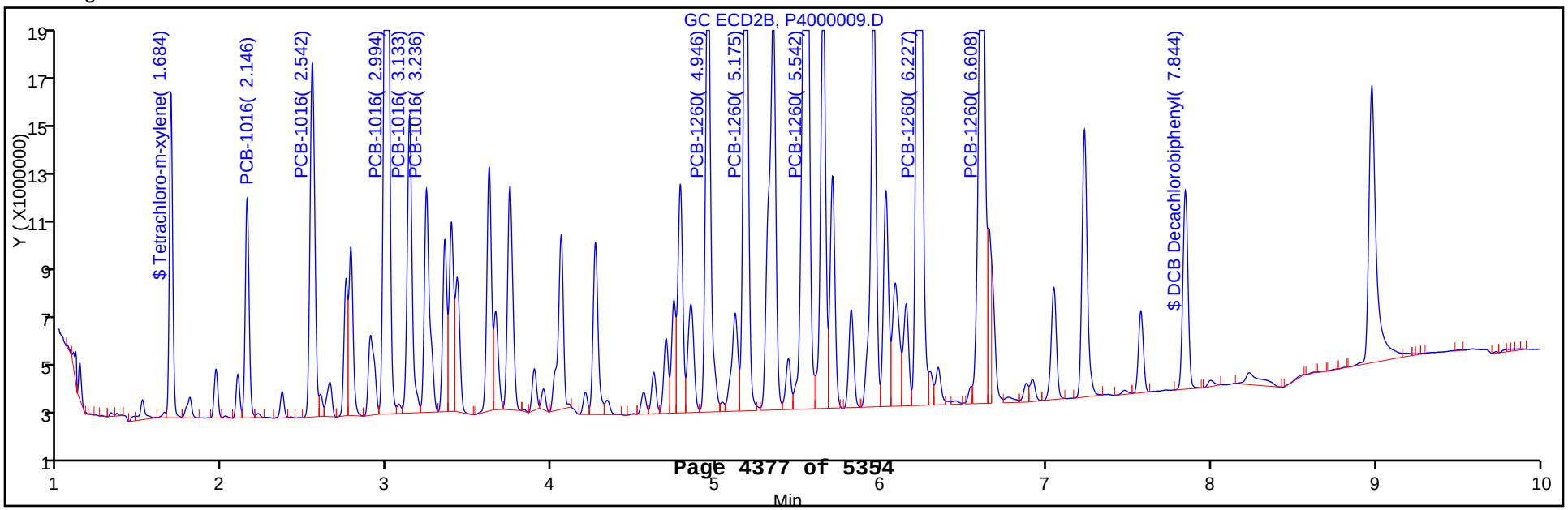
Data File: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000009.D

Injection Date:	18-Apr-2013 18:20:30	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82562	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22648-1

SDG No.:

Client Sample ID: 079SB-0069M-0001-SO MSD | Lab Sample ID: 240-22648-36 MSD

Matrix: Solid | Lab File ID: P4000009.D

Analysis Method: 8082/DOD | Date Collected: 03/28/2013 16:15

Extraction Method: 3540C | Date Extracted: 04/16/2013 10:59

Sample wt/vol: 29.54(g) | Date Analyzed: 04/18/2013 18:20

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82562 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U H	51	25	16
12674-11-2	Aroclor-1016	211	H	66	25	21
11141-16-5	Aroclor-1232	25	U H	46	25	14
53469-21-9	Aroclor-1242	25	U H	41	25	13
12672-29-6	Aroclor-1248	25	U H	56	25	17
11097-69-1	Aroclor-1254	25	U H	56	25	17
11096-82-5	Aroclor-1260	230	H	56	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	61		40-140
2051-24-3	DCB Decachlorobiphenyl	63		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000009.D
Lims ID: 240-22648-G-36-H MSD Client ID:
Inject. Date: 18-Apr-2013 18:20:30 Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-0019023-009
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 9
Lims Batch ID: 82562 Lims Sample ID: 9
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\PCB4.m
Last Update: 19-Apr-2013 14:30:32 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

First Level Reviewer: hassl Date: 19-Apr-2013 14:28:18

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.277	1.277	0.000	22031824	0.0139			
2	2	1.684	1.684	0.000	19175650	0.0122			
						RPD = 13.50			
3 PCB-1221									
1	2		1.405						
1	3		1.515						
1	4		1.544						
2	4		1.957						
2	5		2.089						
2	6		2.145						
4 PCB-1232									
1	100		1.543						
1	2		1.826						
1	3		2.217						
1	4		2.337						
1	5		2.716						
2	6		2.143						
2	7		2.538						
2	8		2.990						
2	9		3.129						
2	10		3.738						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.544						
1	2		1.826						
1	3		2.218						
1	4		2.338						
1	5		2.717						
2	6		2.143						
2	7		2.539						
2	8		2.991						
2	9		3.129						
2	10		3.738						
6 PCB-1016									
1	100	1.546	1.547	-0.001	15858036	0.5844		100.0	
1	2	1.828	1.828	0.000	32288900	0.6594	156.0- 206.0	203.6	
1	3	2.221	2.221	0.000	68457052	0.7326	312.4- 362.4	431.7	
1	4	2.340	2.341	-0.001	30224525	0.7203	118.7- 188.7	190.6	
1	5	2.718	2.718	0.000	26178749	0.6174	125.6- 175.6	165.1	
			Average of Peak Amounts =			0.6628			
2	6	2.146	2.146	0.000	15188243	0.5922		100.0	
2	7	2.542	2.542	0.000	30807483	0.6068	169.6- 229.6	202.8	
2	8	2.994	2.993	0.001	68483803	0.6891	351.4- 411.4	450.9	
2	9	3.133	3.132	0.001	26108610	0.5931	141.3- 201.3	171.9	
2	10	3.236	3.235	0.001	21519277	0.6283	102.5- 162.5	141.7	
			Average of Peak Amounts =			0.6219			
						RPD = 6.37			
7 PCB-1248									M
1	86		1.825						
1	2		2.216						
1	3		2.716						
1	4		3.293						
1	5		3.726						
2	6		2.538						
2	7		2.990						
2	8		3.739						
2	9		4.013						
2	10		4.735						
8 PCB-1254									M
1	100		3.340						
1	2		3.727						
1	3		4.010						
1	4		4.199						
1	5		4.483						
2	6		4.260						
2	7		4.735						
2	8		4.980						
2	9		5.341						
2	10		5.543						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									M
1	100	3.916	3.916	0.000	40178838	0.6439		100.0	
1	2	4.204	4.203	0.001	74947620	0.6805	152.2- 202.2	186.5	
1	3	4.483	4.484	-0.001	76840965	0.7137	146.4- 196.4	191.2	
1	4	5.184	5.183	0.001	86647960	0.6697	180.7- 230.7	215.7	
1	5	5.467	5.468	-0.001	46179150	0.7928	64.1- 114.1	114.9	
			Average of Peak Amounts =			0.7001			
2	6	4.946	4.943	0.003	44345530	0.6447		100.0	M
2	7	5.175	5.174	0.001	52506673	0.6577	87.6- 147.6	118.4	M
2	8	5.542	5.543	-0.001	81122327	0.6865	144.7- 204.7	182.9	M
2	9	6.227	6.227	0.000	99613502	0.6832	187.7- 247.7	224.6	M
2	10	6.608	6.608	0.000	70079413	0.7250	115.0- 175.0	158.0	M
			Average of Peak Amounts =			0.6794			
						RPD = 3.01			
9 PCB-1262									M
1	100		4.203						
1	2		4.605						
1	3		4.851						
1	4		5.180						
1	5		5.554						
2	6		5.173						
2	7		5.643						
2	8		5.949						
2	9		6.225						
2	10		6.605						
11 PCB-1268									M
1	100		5.511						
1	2		5.550						
1	3		5.749						
1	4		6.126						
1	5		6.423						
2	6		6.601						
2	7		6.649						
2	8		6.912						
2	9		7.228						
2	10		7.570						
$ 12 DCB Decachlorobiphenyl									
1	100	6.622	6.621	0.001	17887192	0.0134			
2	2	7.844	7.843	0.001	18434819	0.0127			
						RPD = 5.69			

QC Flag Legend

Review Flags
M - Manually Integrated

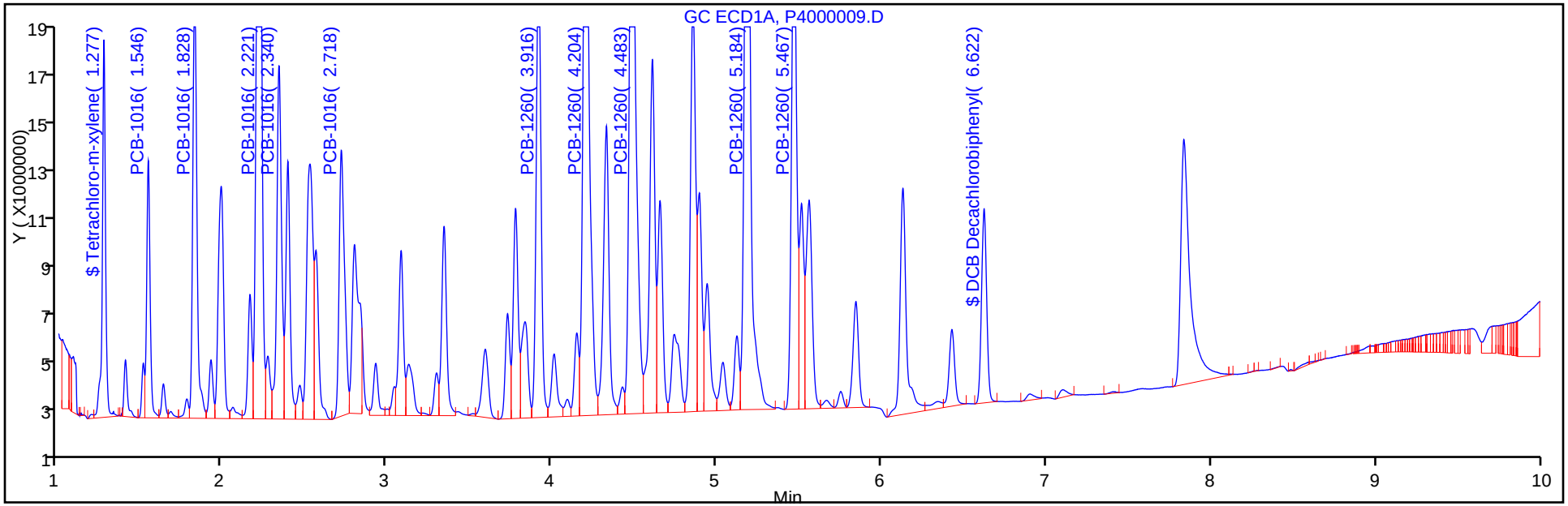
Report Date: 19-Apr-2013 14:30:39 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

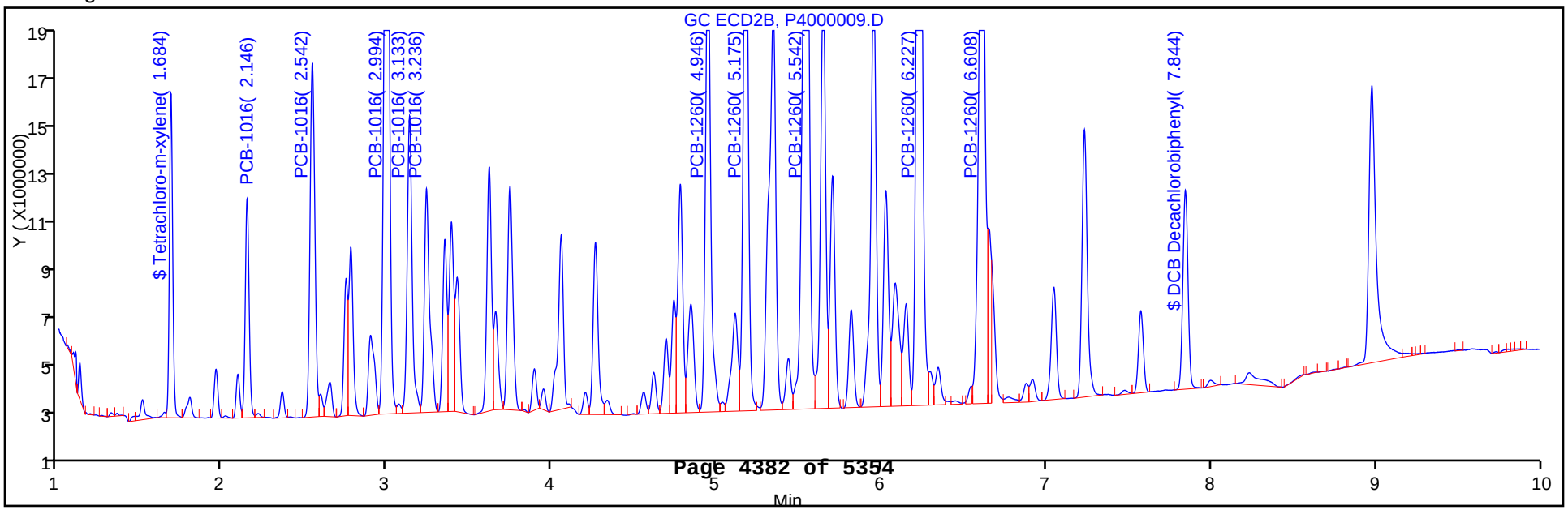
Data File: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000009.D

Injection Date:	18-Apr-2013 18:20:30	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82562	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



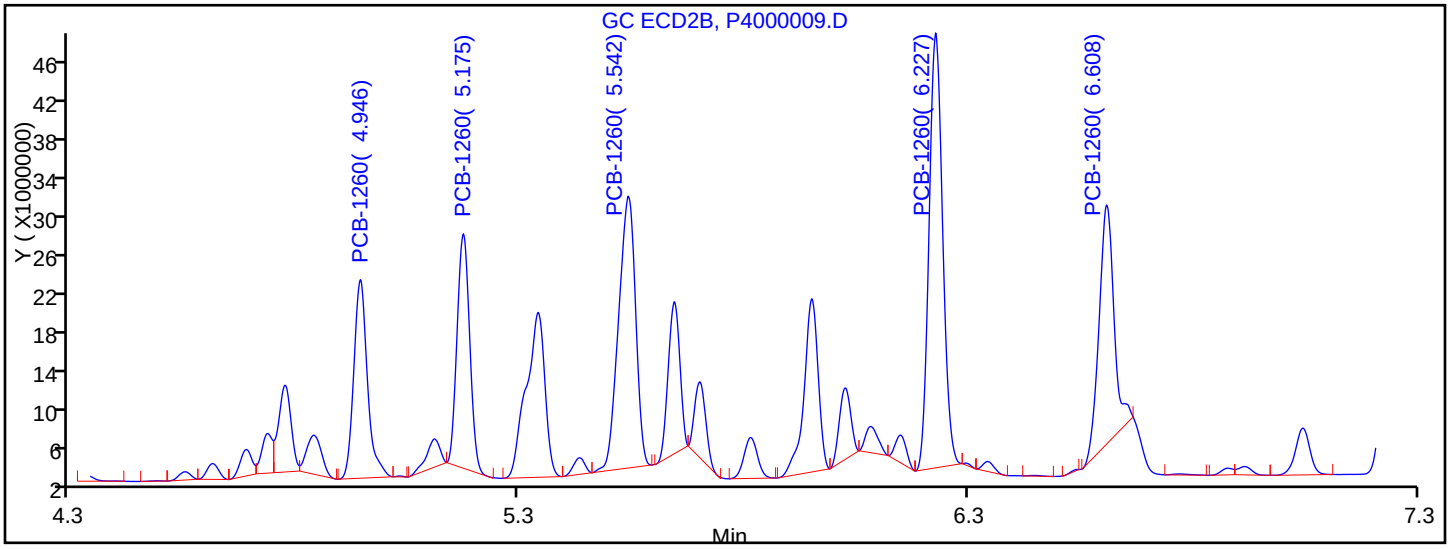
Report Date: 19-Apr-2013 14:30:39 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000009.D

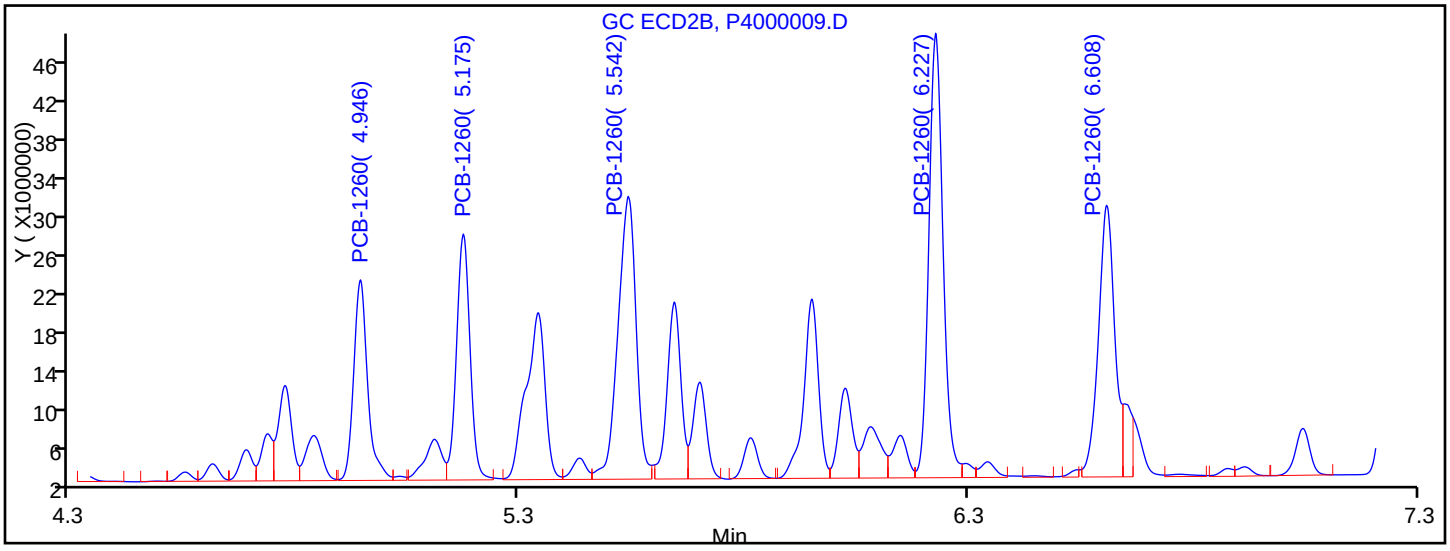
Injection Date:	18-Apr-2013 18:20:30	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82562	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

10 PCB-1260, Detector: 2, GC ecd2b



Processing Integration Results

RT = 4.946	Response = 42768558	M
RT = 5.175	Response = 46690585	M
RT = 5.542	Response = 72958607	M
RT = 6.227	Response = 93235768	M
RT = 6.608	Response = 56353437	M



Manual Integration Results

RT = 4.946	Response = 44345530	M
RT = 5.175	Response = 52506673	M
RT = 5.542	Response = 81122327	M
RT = 6.227	Response = 99613502	M
RT = 6.608	Response = 70079413	M

Reviewer: hassl, 19-Apr-2013 14:28:18

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22648-1

SDG No.:

Client Sample ID: 068SB-0046M-0001-SO MSD | Lab Sample ID: 240-22648-43 MSD

Matrix: Solid | Lab File ID: P1200027.D

Analysis Method: 8082/DOD | Date Collected: 03/29/2013 09:37

Extraction Method: 3540C | Date Extracted: 04/08/2013 11:10

Sample wt/vol: 29.65(g) | Date Analyzed: 04/11/2013 14:11

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 81439 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	51	25	16
12674-11-2	Aroclor-1016	330		66	25	21
11141-16-5	Aroclor-1232	25	U	46	25	14
53469-21-9	Aroclor-1242	25	U	40	25	13
12672-29-6	Aroclor-1248	25	U	56	25	17
11097-69-1	Aroclor-1254	25	U	56	25	17
11096-82-5	Aroclor-1260	296		56	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	93		40-140
2051-24-3	DCB Decachlorobiphenyl	83		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200027.D
Lims ID: 240-22648-G-43-E MSD Client ID:
Inject. Date: 11-Apr-2013 14:11:36 Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-0018757-027
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 27
Lims Batch ID: 81439 Lims Sample ID: 27
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\PCB12.m
Last Update: 12-Apr-2013 08:13:51 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK025

First Level Reviewer: hassl Date: 12-Apr-2013 08:11:22

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.300	0.000	18226968	0.0186			
2	2	1.674	1.672	0.002	49445948	0.0185			
						RPD = 0.32			
3 PCB-1221									
1	2		1.435						
1	3		1.560						
1	4		1.577						
2	4		1.950						
2	5		2.082						
2	6		2.139						
6 PCB-1016									
1	100	1.578	1.578	0.000	19001144	1.17			100.0
1	2	1.870	1.868	0.002	27304587	0.9079	165.5- 215.5	143.7	
1	3	2.271	2.268	0.003	63965394	1.00	356.7- 406.7	336.6	
1	4	2.393	2.391	0.002	25479919	0.9430	144.0- 194.0	134.1	
1	5	2.778	2.776	0.002	24696280	0.8741	153.1- 203.1	130.0	
			Average of Peak Amounts =			0.9797			
2	6	2.142	2.138	0.004	37745055	0.8332			100.0
2	7	2.540	2.538	0.002	79971453	0.9140	165.6- 225.6	211.9	
2	8	2.996	2.993	0.003	177380622	0.9752	366.1- 426.1	469.9	
2	9	3.134	3.133	0.001	65319566	0.8247	144.6- 204.6	173.1	
2	10	3.620	3.619	0.001	53583263	0.8133	112.9- 172.9	142.0	
			Average of Peak Amounts =			0.8721			
						RPD = 11.63			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.578						
1	2		1.869						
1	3		2.269						
1	4		2.392						
1	5		2.777						
2	6		2.139						
2	7		2.539						
2	8		2.995						
2	9		3.133						
2	10		3.620						
4 PCB-1232									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.778						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.134						
2	10		3.745						
7 PCB-1248									
1	86		1.867						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.796						
2	6		2.537						
2	7		2.993						
2	8		3.618						
2	9		4.062						
2	10		4.742						
8 PCB-1254									
1	100		3.407						
1	2		3.794						
1	3		4.077						
1	4		4.271						
1	5		4.552						
2	6		4.269						
2	7		4.742						
2	8		4.989						
2	9		5.347						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.985	3.984	0.001	36910229	0.8466		100.0	
1	2	4.272	4.272	0.000	74673220	0.8671	172.1- 222.1	202.3	
1	3	4.552	4.550	0.002	75175719	0.8902	168.4- 218.4	203.7	
1	4	5.252	5.251	0.001	107251704	0.9065	244.3- 294.3	290.6	
1	5	5.534	5.533	0.001	49112468	0.8751	104.3- 154.3	133.1	
			Average of Peak Amounts =			0.8771			
2	6	4.951	4.951	0.000	112272075	0.8645		100.0	
2	7	5.182	5.183	-0.001	125265952	0.8623	80.1- 140.1	111.6	
2	8	5.549	5.548	0.001	205904970	0.8908	146.6- 206.6	183.4	
2	9	6.234	6.233	0.001	251720387	0.9366	174.1- 234.1	224.2	
2	10	6.612	6.612	0.000	169050157	0.8447	121.8- 181.8	150.6	
			Average of Peak Amounts =			0.8798			
						RPD = 0.31			
9 PCB-1262									
1	100		3.985						
1	2		4.274						
1	3		4.677						
1	4		5.252						
1	5		5.582						
2	6		5.182						
2	7		5.652						
2	8		5.957						
2	9		6.234						
2	10		6.611						
11 PCB-1268									
1	100		5.581						
1	2		5.619						
1	3		5.817						
1	4		6.192						
1	5		6.489						
2	6		6.609						
2	7		6.656						
2	8		6.918						
2	9		7.232						
2	10		7.574						
$ 12 DCB Decachlorobiphenyl									
1	100	6.684	6.683	0.001	16913723	0.0166			
2	2	7.841	7.842	-0.001	43928420	0.0148			
						RPD = 11.03			

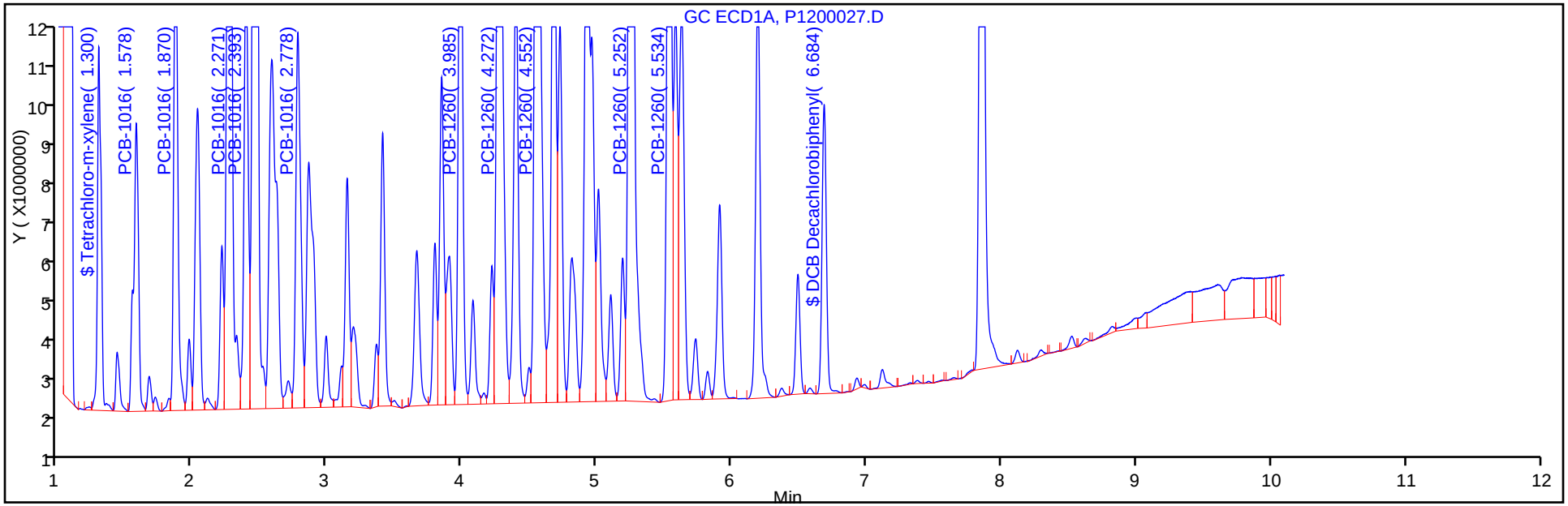
Report Date: 12-Apr-2013 08:13:57 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

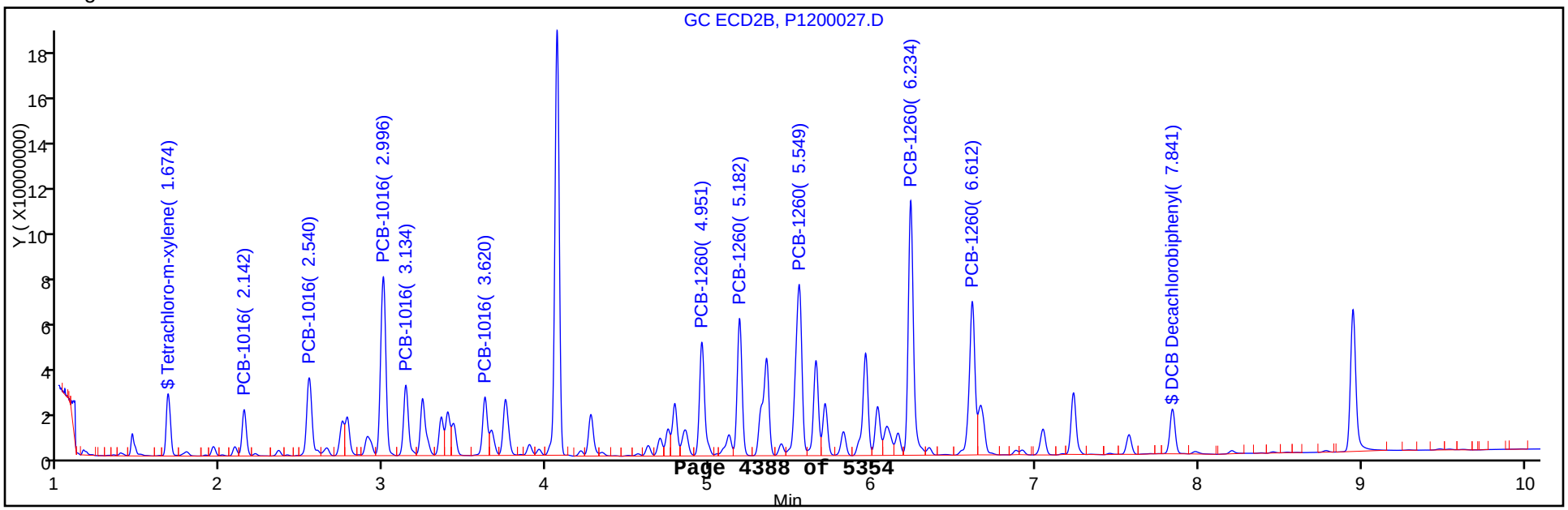
Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200027.D

Injection Date:	11-Apr-2013 14:11:36	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81439	Lims Sample ID:	27
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Client Sample ID: 068SB-0046M-0001-SO MSD Lab Sample ID: 240-22648-43 MSD

Matrix: Solid Lab File ID: P1200027.D

Analysis Method: 8082/DOD Date Collected: 03/29/2013 09:37

Extraction Method: 3540C Date Extracted: 04/08/2013 11:10

Sample wt/vol: 29.65(g) Date Analyzed: 04/11/2013 14:11

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 81439 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	93		40-140
2051-24-3	DCB Decachlorobiphenyl	74		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200027.D
Lims ID: 240-22648-G-43-E MSD Client ID:
Inject. Date: 11-Apr-2013 14:11:36 Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-0018757-027
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 27
Lims Batch ID: 81439 Lims Sample ID: 27
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\PCB12.m
Last Update: 12-Apr-2013 08:13:51 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK025

First Level Reviewer: hassl Date: 12-Apr-2013 08:11:22

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.300	0.000	18226968	0.0186			
2	2	1.674	1.672	0.002	49445948	0.0185			
						RPD = 0.32			
3 PCB-1221									
1	2		1.435						
1	3		1.560						
1	4		1.577						
2	4		1.950						
2	5		2.082						
2	6		2.139						
6 PCB-1016									
1	100	1.578	1.578	0.000	19001144	1.17			100.0
1	2	1.870	1.868	0.002	27304587	0.9079	165.5- 215.5	143.7	
1	3	2.271	2.268	0.003	63965394	1.00	356.7- 406.7	336.6	
1	4	2.393	2.391	0.002	25479919	0.9430	144.0- 194.0	134.1	
1	5	2.778	2.776	0.002	24696280	0.8741	153.1- 203.1	130.0	
			Average of Peak Amounts =			0.9797			
2	6	2.142	2.138	0.004	37745055	0.8332			100.0
2	7	2.540	2.538	0.002	79971453	0.9140	165.6- 225.6	211.9	
2	8	2.996	2.993	0.003	177380622	0.9752	366.1- 426.1	469.9	
2	9	3.134	3.133	0.001	65319566	0.8247	144.6- 204.6	173.1	
2	10	3.620	3.619	0.001	53583263	0.8133	112.9- 172.9	142.0	
			Average of Peak Amounts =			0.8721			
						RPD = 11.63			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.578						
1	2		1.869						
1	3		2.269						
1	4		2.392						
1	5		2.777						
2	6		2.139						
2	7		2.539						
2	8		2.995						
2	9		3.133						
2	10		3.620						
4 PCB-1232									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.778						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.134						
2	10		3.745						
7 PCB-1248									
1	86		1.867						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.796						
2	6		2.537						
2	7		2.993						
2	8		3.618						
2	9		4.062						
2	10		4.742						
8 PCB-1254									
1	100		3.407						
1	2		3.794						
1	3		4.077						
1	4		4.271						
1	5		4.552						
2	6		4.269						
2	7		4.742						
2	8		4.989						
2	9		5.347						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.985	3.984	0.001	36910229	0.8466		100.0	
1	2	4.272	4.272	0.000	74673220	0.8671	172.1- 222.1	202.3	
1	3	4.552	4.550	0.002	75175719	0.8902	168.4- 218.4	203.7	
1	4	5.252	5.251	0.001	107251704	0.9065	244.3- 294.3	290.6	
1	5	5.534	5.533	0.001	49112468	0.8751	104.3- 154.3	133.1	
			Average of Peak Amounts =			0.8771			
2	6	4.951	4.951	0.000	112272075	0.8645		100.0	
2	7	5.182	5.183	-0.001	125265952	0.8623	80.1- 140.1	111.6	
2	8	5.549	5.548	0.001	205904970	0.8908	146.6- 206.6	183.4	
2	9	6.234	6.233	0.001	251720387	0.9366	174.1- 234.1	224.2	
2	10	6.612	6.612	0.000	169050157	0.8447	121.8- 181.8	150.6	
			Average of Peak Amounts =			0.8798			
						RPD = 0.31			
9 PCB-1262									
1	100		3.985						
1	2		4.274						
1	3		4.677						
1	4		5.252						
1	5		5.582						
2	6		5.182						
2	7		5.652						
2	8		5.957						
2	9		6.234						
2	10		6.611						
11 PCB-1268									
1	100		5.581						
1	2		5.619						
1	3		5.817						
1	4		6.192						
1	5		6.489						
2	6		6.609						
2	7		6.656						
2	8		6.918						
2	9		7.232						
2	10		7.574						
$ 12 DCB Decachlorobiphenyl									
1	100	6.684	6.683	0.001	16913723	0.0166			
2	2	7.841	7.842	-0.001	43928420	0.0148			
						RPD = 11.03			

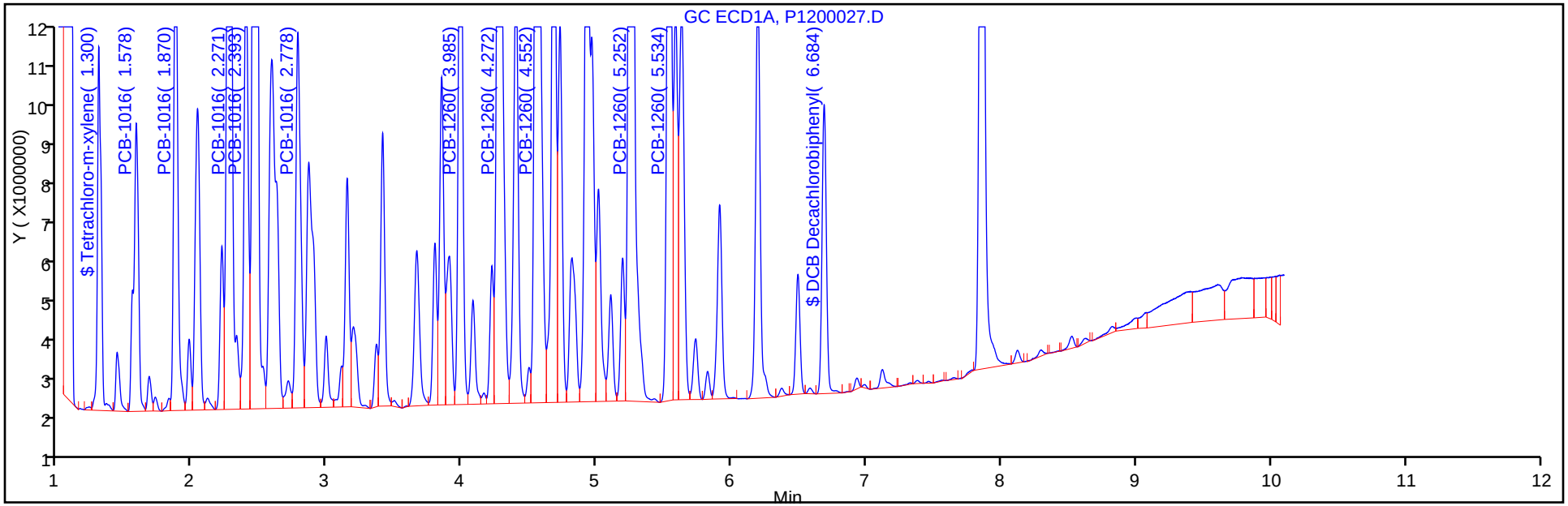
Report Date: 12-Apr-2013 08:13:57 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

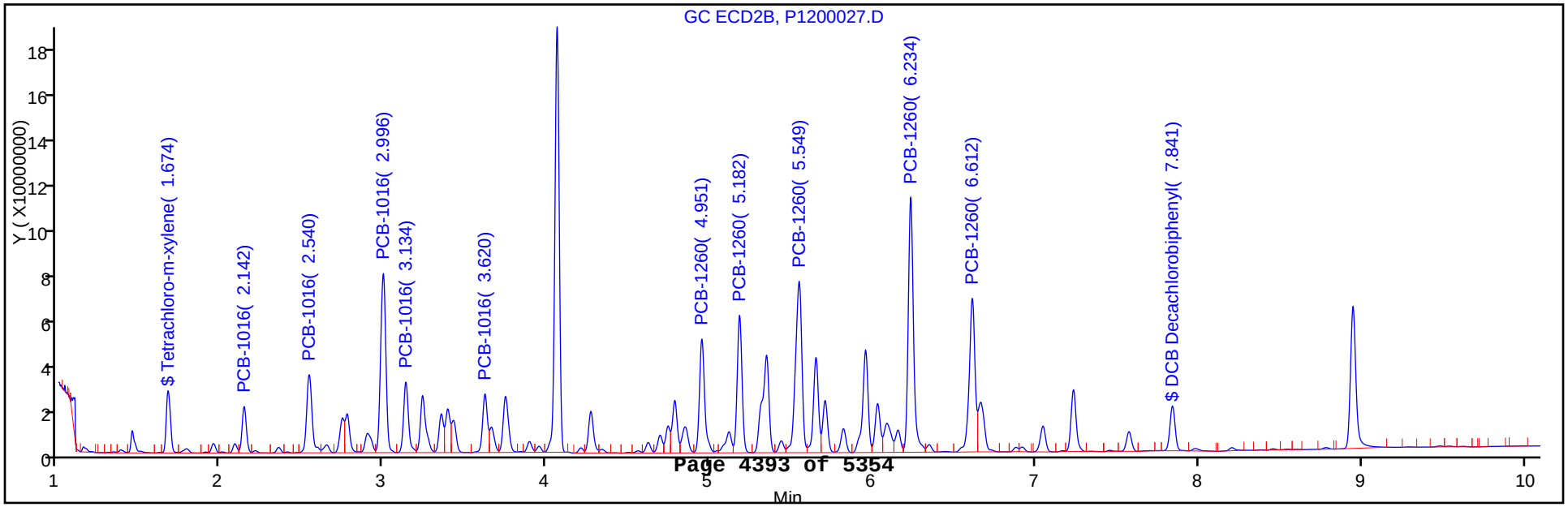
Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200027.D

Injection Date:	11-Apr-2013 14:11:36	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81439	Lims Sample ID:	27
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Client Sample ID: 068SB-0059M-0001-SO MSD Lab Sample ID: 240-22648-62 MSD

Matrix: Solid Lab File ID: P1200036.D

Analysis Method: 8082/DOD Date Collected: 03/29/2013 11:47

Extraction Method: 3540C Date Extracted: 04/11/2013 11:52

Sample wt/vol: 29.83(g) Date Analyzed: 04/15/2013 18:00

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 81867 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	81		40-140
2051-24-3	DCB Decachlorobiphenyl	78		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200036.D
Lims ID: 240-22648-C-62-F MSD Client ID:
Inject. Date: 15-Apr-2013 18:00:38 Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-0018856-036
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 36
Lims Batch ID: 81867 Lims Sample ID: 36
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m
Last Update: 16-Apr-2013 09:18:20 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK021

First Level Reviewer: hassl Date: 16-Apr-2013 09:13:57

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.301	1.301	0.000	15915179	0.0162			
2	2	1.673	1.672	0.001	45610154	0.0171			
						RPD = 5.16			
3 PCB-1221									
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100	1.579	1.579	0.000	12848707	0.7938		100.0	
1	2	1.869	1.869	0.000	25301225	0.8413	165.5- 215.5	196.9	
1	3	2.270	2.270	0.000	59548208	0.9307	356.7- 406.7	463.5	
1	4	2.393	2.392	0.001	24070297	0.8908	144.0- 194.0	187.3	
1	5	2.777	2.777	0.000	23549110	0.8335	153.1- 203.1	183.3	
			Average of Peak Amounts =			0.8580			
2	6	2.141	2.140	0.001	33844695	0.7471		100.0	
2	7	2.540	2.540	0.000	72917247	0.8334	165.6- 225.6	215.4	
2	8	2.995	2.996	-0.001	165422380	0.9094	366.1- 426.1	488.8	
2	9	3.133	3.134	-0.001	65343876	0.8250	144.6- 204.6	193.1	
2	10	3.619	3.620	-0.001	47640080	0.7231	112.9- 172.9	140.8	
			Average of Peak Amounts =			0.8076			
						RPD = 6.05			
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
9 PCB-1262									
1	100		3.984						
1	2		4.274						
1	3		4.677						
1	4		5.250						
1	5		5.582						
2	6		5.184						
2	7		5.652						
2	8		5.957						
2	9		6.234						
2	10		6.611						
10 PCB-1260									
1	100	3.985	3.985	0.000	34877769	0.8000		100.0	
1	2	4.273	4.272	0.001	70830561	0.8224	172.1- 222.1	203.1	
1	3	4.552	4.552	0.000	71024382	0.8411	168.4- 218.4	203.6	
1	4	5.251	5.250	0.001	100522012	0.8496	244.3- 294.3	288.2	
1	5	5.533	5.534	-0.001	45818045	0.8164	104.3- 154.3	131.4	
			Average of Peak Amounts =			0.8259			
2	6	4.952	4.952	0.000	103002463	0.7932		100.0	
2	7	5.183	5.182	0.001	118323889	0.8145	80.1- 140.1	114.9	
2	8	5.550	5.549	0.001	189312564	0.8190	146.6- 206.6	183.8	
2	9	6.233	6.233	0.000	228860647	0.8515	174.1- 234.1	222.2	
2	10	6.612	6.612	0.000	158310154	0.7910	121.8- 181.8	153.7	
			Average of Peak Amounts =			0.8138			
						RPD = 1.47			
11 PCB-1268									
1	100		5.582						
1	2		5.621						
1	3		5.818						
1	4		6.193						
1	5		6.489						
2	6		6.610						
2	7		6.657						
2	8		6.919						
2	9		7.233						
2	10		7.575						
$ 12 DCB Decachlorobiphenyl									
1	100	6.684	6.685	-0.001	15957695	0.0156			
2	2	7.842	7.842	0.000	43491241	0.0147			
						RPD = 6.22			

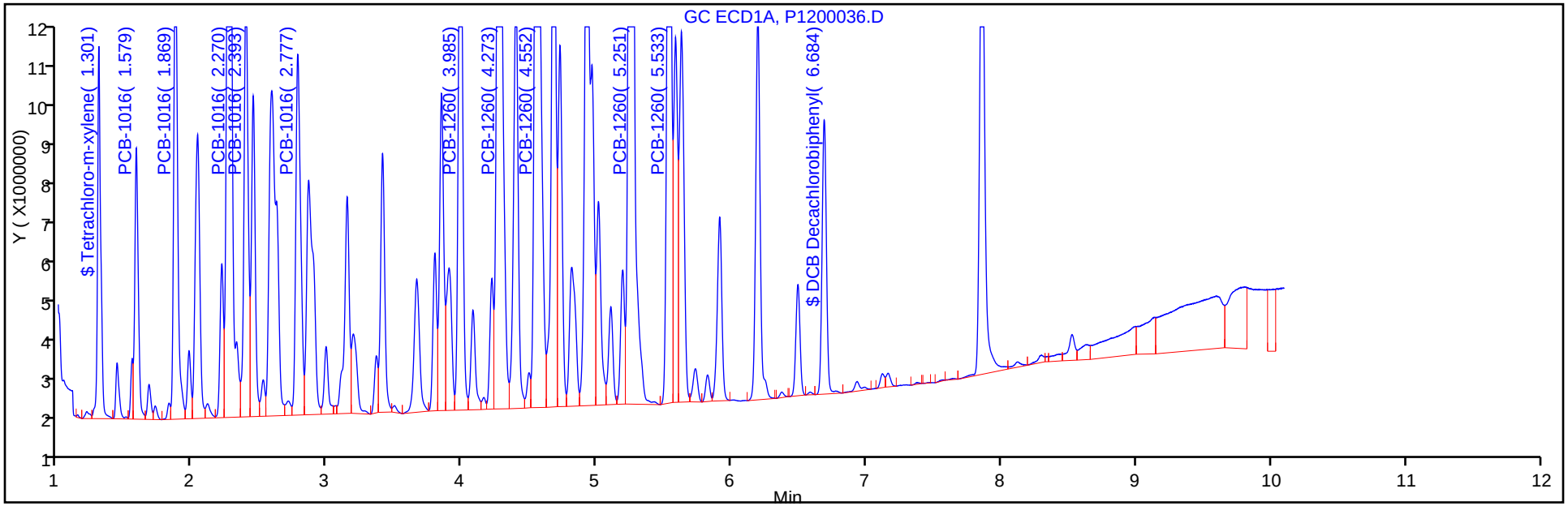
Report Date: 16-Apr-2013 09:18:24 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

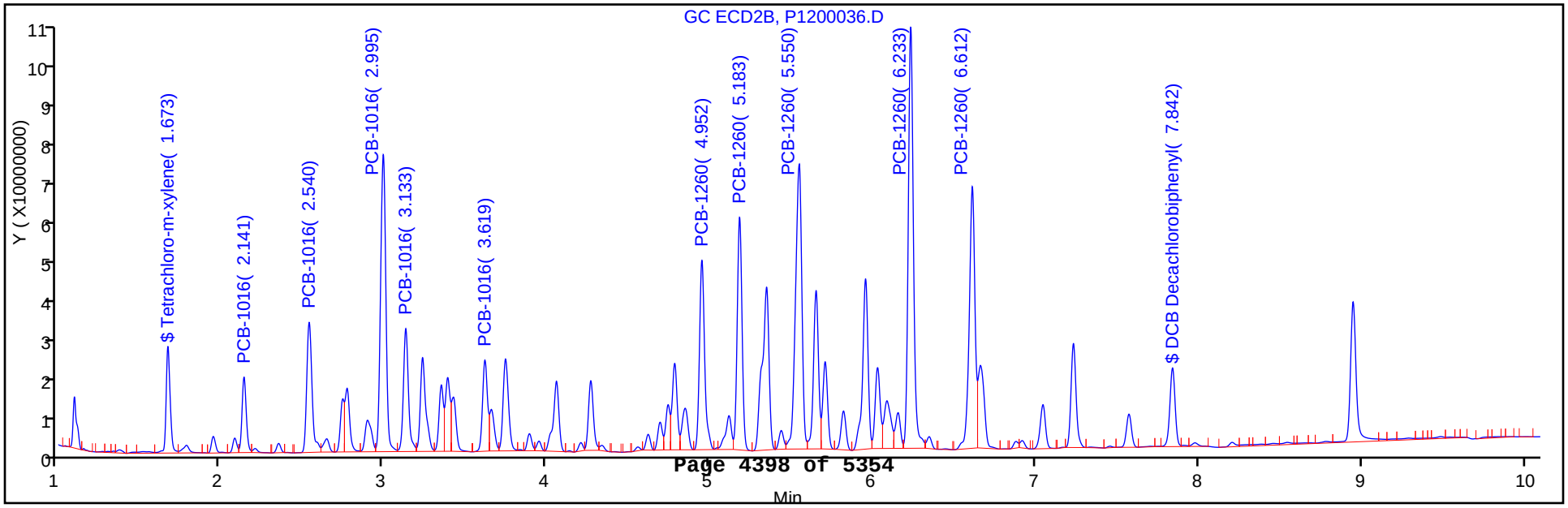
Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200036.D

Injection Date:	15-Apr-2013 18:00:38	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	36
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22648-1

SDG No.:

Client Sample ID: 068SB-0059M-0001-SO MSD | Lab Sample ID: 240-22648-62 MSD

Matrix: Solid | Lab File ID: P1200036.D

Analysis Method: 8082/DOD | Date Collected: 03/29/2013 11:47

Extraction Method: 3540C | Date Extracted: 04/11/2013 11:52

Sample wt/vol: 29.83(g) | Date Analyzed: 04/15/2013 18:00

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 81867 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	50	25	16
12674-11-2	Aroclor-1016	271		65	25	21
11141-16-5	Aroclor-1232	25	U	45	25	14
53469-21-9	Aroclor-1242	25	U	40	25	13
12672-29-6	Aroclor-1248	25	U	55	25	17
11097-69-1	Aroclor-1254	25	U	55	25	17
11096-82-5	Aroclor-1260	273		55	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	85		40-140
2051-24-3	DCB Decachlorobiphenyl	74		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200036.D
Lims ID: 240-22648-C-62-F MSD Client ID:
Inject. Date: 15-Apr-2013 18:00:38 Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-0018856-036
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 36
Lims Batch ID: 81867 Lims Sample ID: 36
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m
Last Update: 16-Apr-2013 09:18:20 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK021

First Level Reviewer: hassl Date: 16-Apr-2013 09:13:57

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.301	1.301	0.000	15915179	0.0162			
2	2	1.673	1.672	0.001	45610154	0.0171			
						RPD = 5.16			
3 PCB-1221									
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100	1.579	1.579	0.000	12848707	0.7938		100.0	
1	2	1.869	1.869	0.000	25301225	0.8413	165.5- 215.5	196.9	
1	3	2.270	2.270	0.000	59548208	0.9307	356.7- 406.7	463.5	
1	4	2.393	2.392	0.001	24070297	0.8908	144.0- 194.0	187.3	
1	5	2.777	2.777	0.000	23549110	0.8335	153.1- 203.1	183.3	
			Average of Peak Amounts =			0.8580			
2	6	2.141	2.140	0.001	33844695	0.7471		100.0	
2	7	2.540	2.540	0.000	72917247	0.8334	165.6- 225.6	215.4	
2	8	2.995	2.996	-0.001	165422380	0.9094	366.1- 426.1	488.8	
2	9	3.133	3.134	-0.001	65343876	0.8250	144.6- 204.6	193.1	
2	10	3.619	3.620	-0.001	47640080	0.7231	112.9- 172.9	140.8	
			Average of Peak Amounts =			0.8076			
						RPD = 6.05			
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
9 PCB-1262									
1	100		3.984						
1	2		4.274						
1	3		4.677						
1	4		5.250						
1	5		5.582						
2	6		5.184						
2	7		5.652						
2	8		5.957						
2	9		6.234						
2	10		6.611						
10 PCB-1260									
1	100	3.985	3.985	0.000	34877769	0.8000		100.0	
1	2	4.273	4.272	0.001	70830561	0.8224	172.1- 222.1	203.1	
1	3	4.552	4.552	0.000	71024382	0.8411	168.4- 218.4	203.6	
1	4	5.251	5.250	0.001	100522012	0.8496	244.3- 294.3	288.2	
1	5	5.533	5.534	-0.001	45818045	0.8164	104.3- 154.3	131.4	
			Average of Peak Amounts =			0.8259			
2	6	4.952	4.952	0.000	103002463	0.7932		100.0	
2	7	5.183	5.182	0.001	118323889	0.8145	80.1- 140.1	114.9	
2	8	5.550	5.549	0.001	189312564	0.8190	146.6- 206.6	183.8	
2	9	6.233	6.233	0.000	228860647	0.8515	174.1- 234.1	222.2	
2	10	6.612	6.612	0.000	158310154	0.7910	121.8- 181.8	153.7	
			Average of Peak Amounts =			0.8138			
						RPD = 1.47			
11 PCB-1268									
1	100		5.582						
1	2		5.621						
1	3		5.818						
1	4		6.193						
1	5		6.489						
2	6		6.610						
2	7		6.657						
2	8		6.919						
2	9		7.233						
2	10		7.575						
$ 12 DCB Decachlorobiphenyl									
1	100	6.684	6.685	-0.001	15957695	0.0156			
2	2	7.842	7.842	0.000	43491241	0.0147			
						RPD = 6.22			

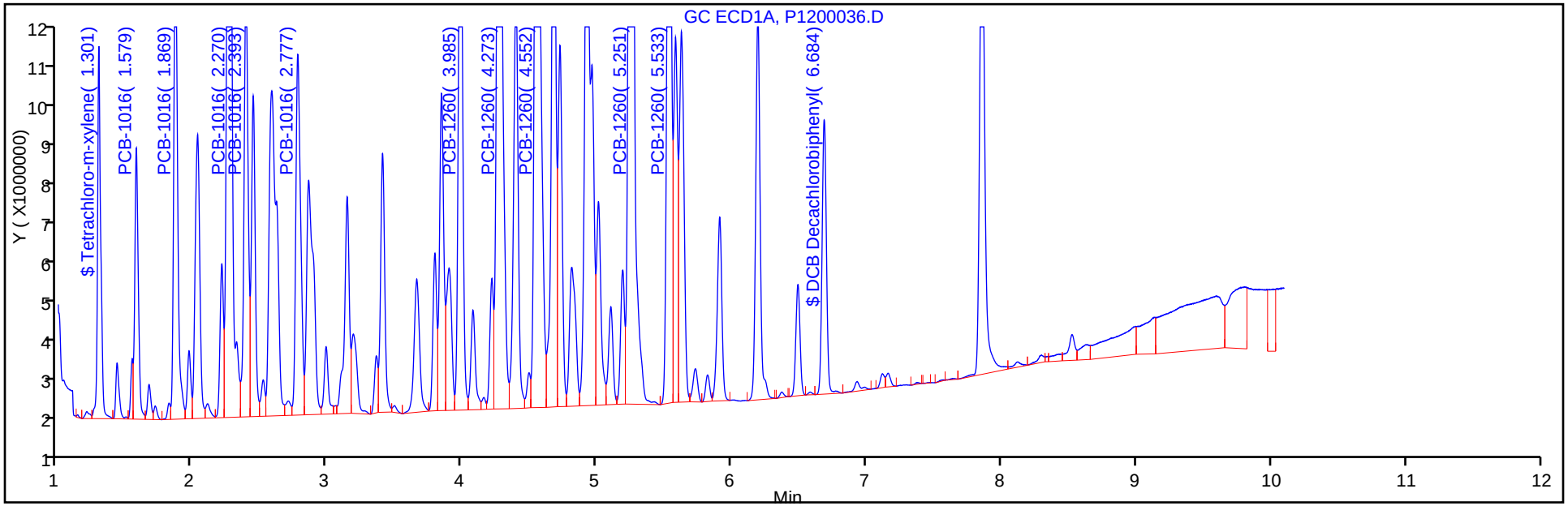
Report Date: 16-Apr-2013 09:18:25 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

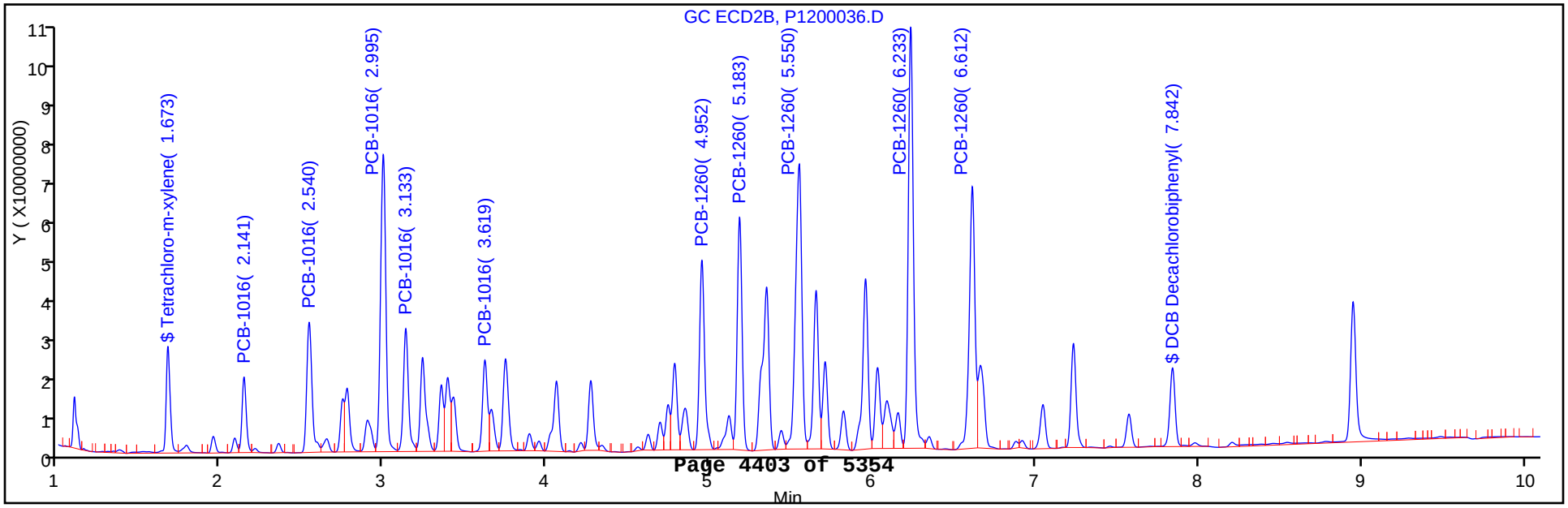
Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200036.D

Injection Date:	15-Apr-2013 18:00:38	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	36
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Instrument ID: A2HP12 Start Date: 04/01/2013 10:09

Analysis Batch Number: 80043 End Date: 04/01/2013 21:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD005 240-80043/3 IC		04/01/2013 10:09	1	P1200003.D	CLP-1 0.53(mm)
STD005 240-80043/3 IC		04/01/2013 10:09	1	P1200003.D	CLP-2 0.53(mm)
STD01 240-80043/4 IC		04/01/2013 10:23	1	P1200004.D	CLP-1 0.53(mm)
STD01 240-80043/4 IC		04/01/2013 10:23	1	P1200004.D	CLP-2 0.53(mm)
STD02 240-80043/5 IC		04/01/2013 10:38	1	P1200005.D	CLP-1 0.53(mm)
STD02 240-80043/5 IC		04/01/2013 10:38	1	P1200005.D	CLP-2 0.53(mm)
STD05 240-80043/6 IC		04/01/2013 10:52	1	P1200006.D	CLP-1 0.53(mm)
STD05 240-80043/6 IC		04/01/2013 10:52	1	P1200006.D	CLP-2 0.53(mm)
STD1 240-80043/7 IC		04/01/2013 11:07	1	P1200007.D	CLP-1 0.53(mm)
STD1 240-80043/7 IC		04/01/2013 11:07	1	P1200007.D	CLP-2 0.53(mm)
STD2 240-80043/8 IC		04/01/2013 11:21	1	P1200008.D	CLP-1 0.53(mm)
STD2 240-80043/8 IC		04/01/2013 11:21	1	P1200008.D	CLP-2 0.53(mm)
STD005 240-80043/9 IC		04/01/2013 11:35	1	P1200009.D	CLP-1 0.53(mm)
STD005 240-80043/9 IC		04/01/2013 11:35	1	P1200009.D	CLP-2 0.53(mm)
STD01 240-80043/10 IC		04/01/2013 11:50	1	P1200010.D	CLP-1 0.53(mm)
STD01 240-80043/10 IC		04/01/2013 11:50	1	P1200010.D	CLP-2 0.53(mm)
STD02 240-80043/11 IC		04/01/2013 12:05	1	P1200011.D	CLP-1 0.53(mm)
STD02 240-80043/11 IC		04/01/2013 12:05	1	P1200011.D	CLP-2 0.53(mm)
STD05 240-80043/12 IC		04/01/2013 12:19	1	P1200012.D	CLP-1 0.53(mm)
STD05 240-80043/12 IC		04/01/2013 12:19	1	P1200012.D	CLP-2 0.53(mm)
STD1 240-80043/13 IC		04/01/2013 12:33	1	P1200013.D	CLP-1 0.53(mm)
STD1 240-80043/13 IC		04/01/2013 12:33	1	P1200013.D	CLP-2 0.53(mm)
STD2 240-80043/14 IC		04/01/2013 12:48	1	P1200014.D	CLP-1 0.53(mm)
STD2 240-80043/14 IC		04/01/2013 12:48	1	P1200014.D	CLP-2 0.53(mm)
STD005 240-80043/15 IC		04/01/2013 13:02	1	P1200015.D	CLP-1 0.53(mm)
STD005 240-80043/15 IC		04/01/2013 13:02	1	P1200015.D	CLP-2 0.53(mm)
STD01 240-80043/16 IC		04/01/2013 13:16	1	P1200016.D	CLP-1 0.53(mm)
STD01 240-80043/16 IC		04/01/2013 13:16	1	P1200016.D	CLP-2 0.53(mm)
STD02 240-80043/17 IC		04/01/2013 13:31	1	P1200017.D	CLP-1 0.53(mm)
STD02 240-80043/17 IC		04/01/2013 13:31	1	P1200017.D	CLP-2 0.53(mm)
STD05 240-80043/18 IC		04/01/2013 13:45	1	P1200018.D	CLP-1 0.53(mm)
STD05 240-80043/18 IC		04/01/2013 13:45	1	P1200018.D	CLP-2 0.53(mm)
STD1 240-80043/19 IC		04/01/2013 13:59	1	P1200019.D	CLP-1 0.53(mm)
STD1 240-80043/19 IC		04/01/2013 13:59	1	P1200019.D	CLP-2 0.53(mm)
STD2 240-80043/20 IC		04/01/2013 14:13	1	P1200020.D	CLP-1 0.53(mm)
STD2 240-80043/20 IC		04/01/2013 14:13	1	P1200020.D	CLP-2 0.53(mm)
STD005 240-80043/21 IC		04/01/2013 14:28	1	P1200021.D	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Instrument ID: A2HP12 Start Date: 04/01/2013 10:09

Analysis Batch Number: 80043 End Date: 04/01/2013 21:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD005 240-80043/21 IC		04/01/2013 14:28	1	P1200021.D	CLP-2 0.53(mm)
STD01 240-80043/22 IC		04/01/2013 14:42	1	P1200022.D	CLP-1 0.53(mm)
STD01 240-80043/22 IC		04/01/2013 14:42	1	P1200022.D	CLP-2 0.53(mm)
STD02 240-80043/23 IC		04/01/2013 14:56	1	P1200023.D	CLP-1 0.53(mm)
STD02 240-80043/23 IC		04/01/2013 14:56	1	P1200023.D	CLP-2 0.53(mm)
STD05 240-80043/24 IC		04/01/2013 15:11	1	P1200024.D	CLP-1 0.53(mm)
STD05 240-80043/24 IC		04/01/2013 15:11	1	P1200024.D	CLP-2 0.53(mm)
STD1 240-80043/25 IC		04/01/2013 15:25	1	P1200025.D	CLP-1 0.53(mm)
STD1 240-80043/25 IC		04/01/2013 15:25	1	P1200025.D	CLP-2 0.53(mm)
STD2 240-80043/26 IC		04/01/2013 15:39	1	P1200026.D	CLP-1 0.53(mm)
STD2 240-80043/26 IC		04/01/2013 15:39	1	P1200026.D	CLP-2 0.53(mm)
STD005 240-80043/27 IC		04/01/2013 15:53	1	P1200027.D	CLP-1 0.53(mm)
STD005 240-80043/27 IC		04/01/2013 15:53	1	P1200027.D	CLP-2 0.53(mm)
STD01 240-80043/28 IC		04/01/2013 16:08	1	P1200028.D	CLP-1 0.53(mm)
STD01 240-80043/28 IC		04/01/2013 16:08	1	P1200028.D	CLP-2 0.53(mm)
STD02 240-80043/29 IC		04/01/2013 16:22	1	P1200029.D	CLP-1 0.53(mm)
STD02 240-80043/29 IC		04/01/2013 16:22	1	P1200029.D	CLP-2 0.53(mm)
STD05 240-80043/30 ICRT		04/01/2013 16:36	1	P1200030.D	CLP-1 0.53(mm)
STD05 240-80043/30 ICRT		04/01/2013 16:36	1	P1200030.D	CLP-2 0.53(mm)
STD1 240-80043/31 IC		04/01/2013 16:50	1	P1200031.D	CLP-1 0.53(mm)
STD1 240-80043/31 IC		04/01/2013 16:50	1	P1200031.D	CLP-2 0.53(mm)
STD2 240-80043/32 IC		04/01/2013 17:05	1	P1200032.D	CLP-1 0.53(mm)
STD2 240-80043/32 IC		04/01/2013 17:05	1	P1200032.D	CLP-2 0.53(mm)
STD005 240-80043/33 IC		04/01/2013 17:19	1		CLP-1 0.53(mm)
STD005 240-80043/33 IC		04/01/2013 17:19	1		CLP-2 0.53(mm)
STD01 240-80043/34 IC		04/01/2013 17:33	1		CLP-1 0.53(mm)
STD01 240-80043/34 IC		04/01/2013 17:33	1		CLP-2 0.53(mm)
STD02 240-80043/35 IC		04/01/2013 17:47	1		CLP-1 0.53(mm)
STD02 240-80043/35 IC		04/01/2013 17:47	1		CLP-2 0.53(mm)
STD05 240-80043/36 IC		04/01/2013 18:01	1		CLP-1 0.53(mm)
STD05 240-80043/36 IC		04/01/2013 18:01	1		CLP-2 0.53(mm)
STD1 240-80043/37 IC		04/01/2013 18:15	1		CLP-1 0.53(mm)
STD1 240-80043/37 IC		04/01/2013 18:15	1		CLP-2 0.53(mm)
STD2 240-80043/38 IC		04/01/2013 18:30	1		CLP-1 0.53(mm)
STD2 240-80043/38 IC		04/01/2013 18:30	1		CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Instrument ID: A2HP12 Start Date: 04/01/2013 10:09

Analysis Batch Number: 80043 End Date: 04/01/2013 21:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD005 240-80043/39 IC		04/01/2013 18:44	1		CLP-1 0.53(mm)
STD005 240-80043/39 IC		04/01/2013 18:44	1		CLP-2 0.53(mm)
STD01 240-80043/40 IC		04/01/2013 18:58	1		CLP-1 0.53(mm)
STD01 240-80043/40 IC		04/01/2013 18:58	1		CLP-2 0.53(mm)
STD02 240-80043/41 IC		04/01/2013 19:12	1		CLP-1 0.53(mm)
STD02 240-80043/41 IC		04/01/2013 19:12	1		CLP-2 0.53(mm)
STD05 240-80043/42 IC		04/01/2013 19:26	1		CLP-1 0.53(mm)
STD05 240-80043/42 IC		04/01/2013 19:26	1		CLP-2 0.53(mm)
STD1 240-80043/43 IC		04/01/2013 19:41	1		CLP-1 0.53(mm)
STD1 240-80043/43 IC		04/01/2013 19:41	1		CLP-2 0.53(mm)
STD2 240-80043/44 IC		04/01/2013 19:55	1		CLP-1 0.53(mm)
STD2 240-80043/44 IC		04/01/2013 19:55	1		CLP-2 0.53(mm)
ICV 240-80043/45		04/01/2013 20:09	1	P1200045.D	CLP-1 0.53(mm)
ICV 240-80043/45		04/01/2013 20:09	1	P1200045.D	CLP-2 0.53(mm)
ICV 240-80043/46		04/01/2013 20:23	1	P1200046.D	CLP-1 0.53(mm)
ICV 240-80043/46		04/01/2013 20:23	1	P1200046.D	CLP-2 0.53(mm)
ICV 240-80043/47		04/01/2013 20:38	1	P1200047.D	CLP-1 0.53(mm)
ICV 240-80043/47		04/01/2013 20:38	1	P1200047.D	CLP-2 0.53(mm)
ICV 240-80043/48		04/01/2013 20:52	1	P1200048.D	CLP-1 0.53(mm)
ICV 240-80043/48		04/01/2013 20:52	1	P1200048.D	CLP-2 0.53(mm)
ICV 240-80043/49		04/01/2013 21:06	1	P1200049.D	CLP-1 0.53(mm)
ICV 240-80043/49		04/01/2013 21:06	1	P1200049.D	CLP-2 0.53(mm)
ICV 240-80043/50		04/01/2013 21:20	1	P1200050.D	CLP-1 0.53(mm)
ICV 240-80043/50		04/01/2013 21:20	1	P1200050.D	CLP-2 0.53(mm)
ICV 240-80043/51		04/01/2013 21:35	1		CLP-1 0.53(mm)
ICV 240-80043/51		04/01/2013 21:35	1		CLP-2 0.53(mm)
ICV 240-80043/52		04/01/2013 21:49	1		CLP-1 0.53(mm)
ICV 240-80043/52		04/01/2013 21:49	1		CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Instrument ID: A2HP12 Start Date: 04/08/2013 14:12

Analysis Batch Number: 80924 End Date: 04/08/2013 15:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-80924/3 CCVRT		04/08/2013 14:12	1	P1200003.D	CLP-1 0.53(mm)
CCV 240-80924/3 CCVRT		04/08/2013 14:12	1	P1200003.D	CLP-2 0.53(mm)
MRL 240-80924/4		04/08/2013 14:26	1	P1200004.D	CLP-1 0.53(mm)
MRL 240-80924/4		04/08/2013 14:26	1	P1200004.D	CLP-2 0.53(mm)
240-22648-18	073SW-0061-0001-SW	04/08/2013 14:40	1	P1200005.D	CLP-1 0.53(mm)
240-22648-18	073SW-0061-0001-SW	04/08/2013 14:40	1	P1200005.D	CLP-2 0.53(mm)
ZZZZZ		04/08/2013 14:54	1		CLP-1 0.53(mm)
ZZZZZ		04/08/2013 14:54	1		CLP-2 0.53(mm)
MB 240-80548/3-A		04/08/2013 15:09	1	P1200007.D	CLP-1 0.53(mm)
MB 240-80548/3-A		04/08/2013 15:09	1	P1200007.D	CLP-2 0.53(mm)
LCS 240-80548/4-A		04/08/2013 15:23	1	P1200008.D	CLP-1 0.53(mm)
LCS 240-80548/4-A		04/08/2013 15:23	1	P1200008.D	CLP-2 0.53(mm)
CCV 240-80924/9		04/08/2013 15:37	1	P1200009.D	CLP-1 0.53(mm)
CCV 240-80924/9		04/08/2013 15:37	1	P1200009.D	CLP-2 0.53(mm)
MRL 240-80924/10		04/08/2013 15:51	1	P1200010.D	CLP-1 0.53(mm)
MRL 240-80924/10		04/08/2013 15:51	1	P1200010.D	CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Instrument ID: A2HP12 Start Date: 04/11/2013 08:20

Analysis Batch Number: 81439 End Date: 04/11/2013 15:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-81439/3 CCVRT		04/11/2013 08:20	1	P1200003.D	CLP-1 0.53(mm)
CCV 240-81439/3 CCVRT		04/11/2013 08:20	1	P1200003.D	CLP-2 0.53(mm)
MRL 240-81439/10		04/11/2013 10:03	1	P1200010.D	CLP-1 0.53(mm)
MRL 240-81439/10		04/11/2013 10:03	1	P1200010.D	CLP-2 0.53(mm)
ZZZZZ		04/11/2013 10:18	1		CLP-1 0.53(mm)
ZZZZZ		04/11/2013 10:18	1		CLP-2 0.53(mm)
ZZZZZ		04/11/2013 10:32	1		CLP-1 0.53(mm)
ZZZZZ		04/11/2013 10:32	1		CLP-2 0.53(mm)
ZZZZZ		04/11/2013 10:46	1		CLP-1 0.53(mm)
ZZZZZ		04/11/2013 10:46	1		CLP-2 0.53(mm)
ZZZZZ		04/11/2013 11:01	1		CLP-1 0.53(mm)
ZZZZZ		04/11/2013 11:01	1		CLP-2 0.53(mm)
ZZZZZ		04/11/2013 11:16	1		CLP-1 0.53(mm)
ZZZZZ		04/11/2013 11:16	1		CLP-2 0.53(mm)
ZZZZZ		04/11/2013 11:30	1		CLP-1 0.53(mm)
ZZZZZ		04/11/2013 11:30	1		CLP-2 0.53(mm)
240-22648-13	073SD-0050-0001-SO	04/11/2013 11:45	1	P1200017.D	CLP-1 0.53(mm)
240-22648-13	073SD-0050-0001-SO	04/11/2013 11:45	1	P1200017.D	CLP-2 0.53(mm)
240-22648-29	079SB-0063M-0001-SO	04/11/2013 12:00	1	P1200018.D	CLP-1 0.53(mm)
240-22648-29	079SB-0063M-0001-SO	04/11/2013 12:00	1	P1200018.D	CLP-2 0.53(mm)
240-22648-30	079SB-0064M-0001-SO	04/11/2013 12:14	1	P1200019.D	CLP-1 0.53(mm)
240-22648-30	079SB-0064M-0001-SO	04/11/2013 12:14	1	P1200019.D	CLP-2 0.53(mm)
MB 240-80983/17-A		04/11/2013 12:28	1	P1200020.D	CLP-1 0.53(mm)
MB 240-80983/17-A		04/11/2013 12:28	1	P1200020.D	CLP-2 0.53(mm)
CCV 240-81439/21		04/11/2013 12:43	1	P1200021.D	CLP-1 0.53(mm)
CCV 240-81439/21		04/11/2013 12:43	1	P1200021.D	CLP-2 0.53(mm)
240-22648-36	079SB-0069M-0001-SO	04/11/2013 12:58	1	P1200022.D	CLP-1 0.53(mm)
240-22648-36	079SB-0069M-0001-SO	04/11/2013 12:58	1	P1200022.D	CLP-2 0.53(mm)
240-22648-38	079SB-0071M-0001-SO	04/11/2013 13:13	1	P1200023.D	CLP-1 0.53(mm)
240-22648-38	079SB-0071M-0001-SO	04/11/2013 13:13	1	P1200023.D	CLP-2 0.53(mm)
240-22648-40	079SB-0074M-0001-SO	04/11/2013 13:27	1	P1200024.D	CLP-1 0.53(mm)
240-22648-40	079SB-0074M-0001-SO	04/11/2013 13:27	1	P1200024.D	CLP-2 0.53(mm)
240-22648-43	068SB-0046M-0001-SO	04/11/2013 13:42	1	P1200025.D	CLP-1 0.53(mm)
240-22648-43	068SB-0046M-0001-SO	04/11/2013 13:42	1	P1200025.D	CLP-2 0.53(mm)
240-22648-43 MS	068SB-0046M-0001-SO MS	04/11/2013 13:56	1	P1200026.D	CLP-1 0.53(mm)
240-22648-43 MS	068SB-0046M-0001-SO MS	04/11/2013 13:56	1	P1200026.D	CLP-2 0.53(mm)
240-22648-43 MSD	068SB-0046M-0001-SO MSD	04/11/2013 14:11	1	P1200027.D	CLP-1 0.53(mm)
240-22648-43 MSD	068SB-0046M-0001-SO MSD	04/11/2013 14:11	1	P1200027.D	CLP-2 0.53(mm)
240-22648-53	068SB-0041M-0001-SO	04/11/2013 14:26	1	P1200028.D	CLP-1 0.53(mm)
240-22648-53	068SB-0041M-0001-SO	04/11/2013 14:26	1	P1200028.D	CLP-2 0.53(mm)
LCS 240-80983/18-A		04/11/2013 14:40	1	P1200029.D	CLP-1 0.53(mm)
LCS 240-80983/18-A		04/11/2013 14:40	1	P1200029.D	CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Instrument ID: A2HP12 Start Date: 04/11/2013 08:20

Analysis Batch Number: 81439 End Date: 04/11/2013 15:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-81439/30		04/11/2013 14:55	1	P1200030.D	CLP-1 0.53(mm)
CCV 240-81439/30		04/11/2013 14:55	1	P1200030.D	CLP-2 0.53(mm)
MRL 240-81439/31		04/11/2013 15:09	1	P1200031.D	CLP-1 0.53(mm)
MRL 240-81439/31		04/11/2013 15:09	1	P1200031.D	CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Instrument ID: A2HP12 Start Date: 04/15/2013 06:45

Analysis Batch Number: 81867 End Date: 04/15/2013 18:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-81867/3 CCVRT		04/15/2013 06:45	1	P1200003.D	CLP-1 0.53(mm)
CCV 240-81867/3 CCVRT		04/15/2013 06:45	1	P1200003.D	CLP-2 0.53(mm)
MRL 240-81867/10		04/15/2013 08:28	1	P1200010.D	CLP-1 0.53(mm)
MRL 240-81867/10		04/15/2013 08:28	1	P1200010.D	CLP-2 0.53(mm)
240-22648-41	068SB-0044M-0001-SO	04/15/2013 11:57	1	P1200011.D	CLP-1 0.53(mm)
240-22648-41	068SB-0044M-0001-SO	04/15/2013 11:57	1	P1200011.D	CLP-2 0.53(mm)
240-22648-42	068SB-0045M-0001-SO	04/15/2013 12:11	1	P1200012.D	CLP-1 0.53(mm)
240-22648-42	068SB-0045M-0001-SO	04/15/2013 12:11	1	P1200012.D	CLP-2 0.53(mm)
240-22648-44	068SB-0047M-0001-SO	04/15/2013 12:25	1	P1200013.D	CLP-1 0.53(mm)
240-22648-44	068SB-0047M-0001-SO	04/15/2013 12:25	1	P1200013.D	CLP-2 0.53(mm)
240-22648-45	068SB-0048M-0001-SO	04/15/2013 12:40	1	P1200014.D	CLP-1 0.53(mm)
240-22648-45	068SB-0048M-0001-SO	04/15/2013 12:40	1	P1200014.D	CLP-2 0.53(mm)
240-22648-46	068SB-0033M-0001-SO	04/15/2013 12:55	1	P1200015.D	CLP-1 0.53(mm)
240-22648-46	068SB-0033M-0001-SO	04/15/2013 12:55	1	P1200015.D	CLP-2 0.53(mm)
240-22648-47	068SB-0034M-0001-SO	04/15/2013 13:09	1	P1200016.D	CLP-1 0.53(mm)
240-22648-47	068SB-0034M-0001-SO	04/15/2013 13:09	1	P1200016.D	CLP-2 0.53(mm)
240-22648-48	068SB-0035M-0001-SO	04/15/2013 13:24	1	P1200017.D	CLP-1 0.53(mm)
240-22648-48	068SB-0035M-0001-SO	04/15/2013 13:24	1	P1200017.D	CLP-2 0.53(mm)
240-22648-49	068SB-0038M-0001-SO	04/15/2013 13:38	1	P1200018.D	CLP-1 0.53(mm)
240-22648-49	068SB-0038M-0001-SO	04/15/2013 13:38	1	P1200018.D	CLP-2 0.53(mm)
240-22648-50	068SB-0036M-0001-SO	04/15/2013 13:52	1	P1200019.D	CLP-1 0.53(mm)
240-22648-50	068SB-0036M-0001-SO	04/15/2013 13:52	1	P1200019.D	CLP-2 0.53(mm)
MB 240-81544/23-A		04/15/2013 14:07	1	P1200020.D	CLP-1 0.53(mm)
MB 240-81544/23-A		04/15/2013 14:07	1	P1200020.D	CLP-2 0.53(mm)
CCV 240-81867/21		04/15/2013 14:22	1	P1200021.D	CLP-1 0.53(mm)
CCV 240-81867/21		04/15/2013 14:22	1	P1200021.D	CLP-2 0.53(mm)
240-22648-51	068SB-0039M-0001-SO	04/15/2013 14:36	1	P1200022.D	CLP-1 0.53(mm)
240-22648-51	068SB-0039M-0001-SO	04/15/2013 14:36	1	P1200022.D	CLP-2 0.53(mm)
240-22648-52	068SB-0040M-0001-SO	04/15/2013 14:51	1	P1200023.D	CLP-1 0.53(mm)
240-22648-52	068SB-0040M-0001-SO	04/15/2013 14:51	1	P1200023.D	CLP-2 0.53(mm)
240-22648-54	068SB-0042M-0001-SO	04/15/2013 15:06	1	P1200024.D	CLP-1 0.53(mm)
240-22648-54	068SB-0042M-0001-SO	04/15/2013 15:06	1	P1200024.D	CLP-2 0.53(mm)
240-22648-55	068SB-0050M-0001-SO	04/15/2013 15:20	1	P1200025.D	CLP-1 0.53(mm)
240-22648-55	068SB-0050M-0001-SO	04/15/2013 15:20	1	P1200025.D	CLP-2 0.53(mm)
240-22648-56	068SB-0051M-0001-SO	04/15/2013 15:35	1	P1200026.D	CLP-1 0.53(mm)
240-22648-56	068SB-0051M-0001-SO	04/15/2013 15:35	1	P1200026.D	CLP-2 0.53(mm)
240-22648-57	068SB-0052M-0001-SO	04/15/2013 15:49	1	P1200027.D	CLP-1 0.53(mm)
240-22648-57	068SB-0052M-0001-SO	04/15/2013 15:49	1	P1200027.D	CLP-2 0.53(mm)
240-22648-58	068SB-0053M-0001-SO	04/15/2013 16:03	1	P1200028.D	CLP-1 0.53(mm)
240-22648-58	068SB-0053M-0001-SO	04/15/2013 16:03	1	P1200028.D	CLP-2 0.53(mm)
240-22648-59	068SB-0054M-0001-SO	04/15/2013 16:18	1	P1200029.D	CLP-1 0.53(mm)
240-22648-59	068SB-0054M-0001-SO	04/15/2013 16:18	1	P1200029.D	CLP-2 0.53(mm)
240-22648-60	068SB-0056M-0001-SO	04/15/2013 16:32	1	P1200030.D	CLP-1 0.53(mm)
240-22648-60	068SB-0056M-0001-SO	04/15/2013 16:32	1	P1200030.D	CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Instrument ID: A2HP12 Start Date: 04/15/2013 06:45

Analysis Batch Number: 81867 End Date: 04/15/2013 18:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
LCS 240-81544/24-A		04/15/2013 16:47	1	P1200031.D	CLP-1 0.53(mm)
LCS 240-81544/24-A		04/15/2013 16:47	1	P1200031.D	CLP-2 0.53(mm)
CCV 240-81867/32		04/15/2013 17:02	1	P1200032.D	CLP-1 0.53(mm)
CCV 240-81867/32		04/15/2013 17:02	1	P1200032.D	CLP-2 0.53(mm)
240-22648-61	068SB-0057M-0001-SO	04/15/2013 17:16	1	P1200033.D	CLP-1 0.53(mm)
240-22648-61	068SB-0057M-0001-SO	04/15/2013 17:16	1	P1200033.D	CLP-2 0.53(mm)
240-22648-62	068SB-0059M-0001-SO	04/15/2013 17:31	1	P1200034.D	CLP-1 0.53(mm)
240-22648-62	068SB-0059M-0001-SO	04/15/2013 17:31	1	P1200034.D	CLP-2 0.53(mm)
240-22648-62 MS	068SB-0059M-0001-SO MS	04/15/2013 17:45	1	P1200035.D	CLP-1 0.53(mm)
240-22648-62 MS	068SB-0059M-0001-SO MS	04/15/2013 17:45	1	P1200035.D	CLP-2 0.53(mm)
240-22648-62 MSD	068SB-0059M-0001-SO MSD	04/15/2013 18:00	1	P1200036.D	CLP-1 0.53(mm)
240-22648-62 MSD	068SB-0059M-0001-SO MSD	04/15/2013 18:00	1	P1200036.D	CLP-2 0.53(mm)
CCV 240-81867/37		04/15/2013 18:15	1	P1200037.D	CLP-1 0.53(mm)
CCV 240-81867/37		04/15/2013 18:15	1	P1200037.D	CLP-2 0.53(mm)
MRL 240-81867/38		04/15/2013 18:30	1	P1200038.D	CLP-1 0.53(mm)
MRL 240-81867/38		04/15/2013 18:30	1	P1200038.D	CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Instrument ID: A2HP4 Start Date: 04/14/2013 23:42

Analysis Batch Number: 81761 End Date: 04/15/2013 12:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD005 240-81761/3 IC		04/14/2013 23:42	1	P4000003.D	CLP-1 0.53(mm)
STD005 240-81761/3 IC		04/14/2013 23:42	1	P4000003.D	CLP-2 0.53(mm)
STD01 240-81761/4 IC		04/14/2013 23:57	1	P4000004.D	CLP-1 0.53(mm)
STD01 240-81761/4 IC		04/14/2013 23:57	1	P4000004.D	CLP-2 0.53(mm)
STD02 240-81761/5 IC		04/15/2013 00:13	1	P4000005.D	CLP-1 0.53(mm)
STD02 240-81761/5 IC		04/15/2013 00:13	1	P4000005.D	CLP-2 0.53(mm)
STD05 240-81761/6 IC		04/15/2013 00:29	1	P4000006.D	CLP-1 0.53(mm)
STD05 240-81761/6 IC		04/15/2013 00:29	1	P4000006.D	CLP-2 0.53(mm)
STD1 240-81761/7 IC		04/15/2013 00:44	1	P4000007.D	CLP-1 0.53(mm)
STD1 240-81761/7 IC		04/15/2013 00:44	1	P4000007.D	CLP-2 0.53(mm)
STD2 240-81761/8 IC		04/15/2013 01:00	1	P4000008.D	CLP-1 0.53(mm)
STD2 240-81761/8 IC		04/15/2013 01:00	1	P4000008.D	CLP-2 0.53(mm)
STD005 240-81761/9 IC		04/15/2013 01:16	1	P4000009.D	CLP-1 0.53(mm)
STD005 240-81761/9 IC		04/15/2013 01:16	1	P4000009.D	CLP-2 0.53(mm)
STD01 240-81761/10 IC		04/15/2013 01:31	1	P4000010.D	CLP-1 0.53(mm)
STD01 240-81761/10 IC		04/15/2013 01:31	1	P4000010.D	CLP-2 0.53(mm)
STD02 240-81761/11 IC		04/15/2013 01:47	1	P4000011.D	CLP-1 0.53(mm)
STD02 240-81761/11 IC		04/15/2013 01:47	1	P4000011.D	CLP-2 0.53(mm)
STD05 240-81761/12 IC		04/15/2013 02:03	1	P4000012.D	CLP-1 0.53(mm)
STD05 240-81761/12 IC		04/15/2013 02:03	1	P4000012.D	CLP-2 0.53(mm)
STD1 240-81761/13 IC		04/15/2013 02:19	1	P4000013.D	CLP-1 0.53(mm)
STD1 240-81761/13 IC		04/15/2013 02:19	1	P4000013.D	CLP-2 0.53(mm)
STD2 240-81761/14 IC		04/15/2013 02:34	1	P4000014.D	CLP-1 0.53(mm)
STD2 240-81761/14 IC		04/15/2013 02:34	1	P4000014.D	CLP-2 0.53(mm)
STD005 240-81761/15 IC		04/15/2013 02:50	1	P4000015.D	CLP-1 0.53(mm)
STD005 240-81761/15 IC		04/15/2013 02:50	1	P4000015.D	CLP-2 0.53(mm)
STD01 240-81761/16 IC		04/15/2013 03:06	1	P4000016.D	CLP-1 0.53(mm)
STD01 240-81761/16 IC		04/15/2013 03:06	1	P4000016.D	CLP-2 0.53(mm)
STD02 240-81761/17 IC		04/15/2013 03:21	1	P4000017.D	CLP-1 0.53(mm)
STD02 240-81761/17 IC		04/15/2013 03:21	1	P4000017.D	CLP-2 0.53(mm)
STD05 240-81761/18 IC		04/15/2013 03:37	1	P4000018.D	CLP-1 0.53(mm)
STD05 240-81761/18 IC		04/15/2013 03:37	1	P4000018.D	CLP-2 0.53(mm)
STD1 240-81761/19 IC		04/15/2013 03:53	1	P4000019.D	CLP-1 0.53(mm)
STD1 240-81761/19 IC		04/15/2013 03:53	1	P4000019.D	CLP-2 0.53(mm)
STD2 240-81761/20 IC		04/15/2013 04:08	1	P4000020.D	CLP-1 0.53(mm)
STD2 240-81761/20 IC		04/15/2013 04:08	1	P4000020.D	CLP-2 0.53(mm)
STD005 240-81761/21 IC		04/15/2013 04:24	1	P4000021.D	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Instrument ID: A2HP4 Start Date: 04/14/2013 23:42

Analysis Batch Number: 81761 End Date: 04/15/2013 12:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD005 240-81761/21 IC		04/15/2013 04:24	1	P4000021.D	CLP-2 0.53(mm)
STD01 240-81761/22 IC		04/15/2013 04:40	1	P4000022.D	CLP-1 0.53(mm)
STD01 240-81761/22 IC		04/15/2013 04:40	1	P4000022.D	CLP-2 0.53(mm)
STD02 240-81761/23 IC		04/15/2013 04:55	1	P4000023.D	CLP-1 0.53(mm)
STD02 240-81761/23 IC		04/15/2013 04:55	1	P4000023.D	CLP-2 0.53(mm)
STD05 240-81761/24 IC		04/15/2013 05:11	1	P4000024.D	CLP-1 0.53(mm)
STD05 240-81761/24 IC		04/15/2013 05:11	1	P4000024.D	CLP-2 0.53(mm)
STD1 240-81761/25 IC		04/15/2013 05:27	1	P4000025.D	CLP-1 0.53(mm)
STD1 240-81761/25 IC		04/15/2013 05:27	1	P4000025.D	CLP-2 0.53(mm)
STD2 240-81761/26 IC		04/15/2013 05:42	1	P4000026.D	CLP-1 0.53(mm)
STD2 240-81761/26 IC		04/15/2013 05:42	1	P4000026.D	CLP-2 0.53(mm)
STD005 240-81761/27 IC		04/15/2013 05:58	1	P4000027.D	CLP-1 0.53(mm)
STD005 240-81761/27 IC		04/15/2013 05:58	1	P4000027.D	CLP-2 0.53(mm)
STD01 240-81761/28 IC		04/15/2013 06:13	1	P4000028.D	CLP-1 0.53(mm)
STD01 240-81761/28 IC		04/15/2013 06:13	1	P4000028.D	CLP-2 0.53(mm)
STD02 240-81761/29 IC		04/15/2013 06:29	1	P4000029.D	CLP-1 0.53(mm)
STD02 240-81761/29 IC		04/15/2013 06:29	1	P4000029.D	CLP-2 0.53(mm)
STD05 240-81761/30 ICRT		04/15/2013 06:45	1	P4000030.D	CLP-1 0.53(mm)
STD05 240-81761/30 ICRT		04/15/2013 06:45	1	P4000030.D	CLP-2 0.53(mm)
STD1 240-81761/31 IC		04/15/2013 07:00	1	P4000031.D	CLP-1 0.53(mm)
STD1 240-81761/31 IC		04/15/2013 07:00	1	P4000031.D	CLP-2 0.53(mm)
STD2 240-81761/32 IC		04/15/2013 07:16	1	P4000032.D	CLP-1 0.53(mm)
STD2 240-81761/32 IC		04/15/2013 07:16	1	P4000032.D	CLP-2 0.53(mm)
STD005 240-81761/33 IC		04/15/2013 07:32	1		CLP-1 0.53(mm)
STD005 240-81761/33 IC		04/15/2013 07:32	1		CLP-2 0.53(mm)
STD01 240-81761/34 IC		04/15/2013 07:48	1		CLP-1 0.53(mm)
STD01 240-81761/34 IC		04/15/2013 07:48	1		CLP-2 0.53(mm)
STD02 240-81761/35 IC		04/15/2013 08:03	1		CLP-1 0.53(mm)
STD02 240-81761/35 IC		04/15/2013 08:03	1		CLP-2 0.53(mm)
STD05 240-81761/36 IC		04/15/2013 08:19	1		CLP-1 0.53(mm)
STD05 240-81761/36 IC		04/15/2013 08:19	1		CLP-2 0.53(mm)
STD1 240-81761/37 IC		04/15/2013 08:35	1		CLP-1 0.53(mm)
STD1 240-81761/37 IC		04/15/2013 08:35	1		CLP-2 0.53(mm)
STD2 240-81761/38 IC		04/15/2013 08:50	1		CLP-1 0.53(mm)
STD2 240-81761/38 IC		04/15/2013 08:50	1		CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Instrument ID: A2HP4 Start Date: 04/14/2013 23:42

Analysis Batch Number: 81761 End Date: 04/15/2013 12:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD005 240-81761/39 IC		04/15/2013 09:06	1		CLP-1 0.53(mm)
STD005 240-81761/39 IC		04/15/2013 09:06	1		CLP-2 0.53(mm)
STD01 240-81761/40 IC		04/15/2013 09:22	1		CLP-1 0.53(mm)
STD01 240-81761/40 IC		04/15/2013 09:22	1		CLP-2 0.53(mm)
STD02 240-81761/41 IC		04/15/2013 09:37	1		CLP-1 0.53(mm)
STD02 240-81761/41 IC		04/15/2013 09:37	1		CLP-2 0.53(mm)
STD05 240-81761/42 IC		04/15/2013 09:53	1		CLP-1 0.53(mm)
STD05 240-81761/42 IC		04/15/2013 09:53	1		CLP-2 0.53(mm)
STD1 240-81761/43 IC		04/15/2013 10:09	1		CLP-1 0.53(mm)
STD1 240-81761/43 IC		04/15/2013 10:09	1		CLP-2 0.53(mm)
STD2 240-81761/44 IC		04/15/2013 10:24	1		CLP-1 0.53(mm)
STD2 240-81761/44 IC		04/15/2013 10:24	1		CLP-2 0.53(mm)
ICV 240-81761/45		04/15/2013 10:40	1	P4000045.D	CLP-1 0.53(mm)
ICV 240-81761/45		04/15/2013 10:40	1	P4000045.D	CLP-2 0.53(mm)
ICV 240-81761/46		04/15/2013 10:56	1	P4000046.D	CLP-1 0.53(mm)
ICV 240-81761/46		04/15/2013 10:56	1	P4000046.D	CLP-2 0.53(mm)
ICV 240-81761/47		04/15/2013 11:11	1	P4000047.D	CLP-1 0.53(mm)
ICV 240-81761/47		04/15/2013 11:11	1	P4000047.D	CLP-2 0.53(mm)
ICV 240-81761/48		04/15/2013 11:27	1	P4000048.D	CLP-1 0.53(mm)
ICV 240-81761/48		04/15/2013 11:27	1	P4000048.D	CLP-2 0.53(mm)
ICV 240-81761/49		04/15/2013 11:43	1	P4000049.D	CLP-1 0.53(mm)
ICV 240-81761/49		04/15/2013 11:43	1	P4000049.D	CLP-2 0.53(mm)
ICV 240-81761/50		04/15/2013 11:58	1	P4000050.D	CLP-1 0.53(mm)
ICV 240-81761/50		04/15/2013 11:58	1	P4000050.D	CLP-2 0.53(mm)
ICV 240-81761/51		04/15/2013 12:14	1		CLP-1 0.53(mm)
ICV 240-81761/51		04/15/2013 12:14	1		CLP-2 0.53(mm)
ICV 240-81761/52		04/15/2013 12:30	1		CLP-1 0.53(mm)
ICV 240-81761/52		04/15/2013 12:30	1		CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Instrument ID: A2HP4 Start Date: 04/18/2013 16:46

Analysis Batch Number: 82562 End Date: 04/18/2013 19:23

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-82562/3 CCVRT		04/18/2013 16:46	1	P4000003.D	CLP-1 0.53(mm)
CCV 240-82562/3 CCVRT		04/18/2013 16:46	1	P4000003.D	CLP-2 0.53(mm)
MRL 240-82562/4		04/18/2013 17:02	1	P4000004.D	CLP-1 0.53(mm)
MRL 240-82562/4		04/18/2013 17:02	1	P4000004.D	CLP-2 0.53(mm)
240-22648-13 RE	073SD-0050-0001-SO RE	04/18/2013 17:18	1	P4000005.D	CLP-1 0.53(mm)
240-22648-13 RE	073SD-0050-0001-SO RE	04/18/2013 17:18	1	P4000005.D	CLP-2 0.53(mm)
ZZZZZ		04/18/2013 17:33	1		CLP-1 0.53(mm)
ZZZZZ		04/18/2013 17:33	1		CLP-2 0.53(mm)
240-22648-36 RE	079SB-0069M-0001-SO RE	04/18/2013 17:49	1	P4000007.D	CLP-1 0.53(mm)
240-22648-36 RE	079SB-0069M-0001-SO RE	04/18/2013 17:49	1	P4000007.D	CLP-2 0.53(mm)
240-22648-36 MS	079SB-0069M-0001-SO MS	04/18/2013 18:04	1	P4000008.D	CLP-1 0.53(mm)
240-22648-36 MS	079SB-0069M-0001-SO MS	04/18/2013 18:04	1	P4000008.D	CLP-2 0.53(mm)
240-22648-36 MSD	079SB-0069M-0001-SO MSD	04/18/2013 18:20	1	P4000009.D	CLP-1 0.53(mm)
240-22648-36 MSD	079SB-0069M-0001-SO MSD	04/18/2013 18:20	1	P4000009.D	CLP-2 0.53(mm)
MB 240-82117/17-A		04/18/2013 18:36	1	P4000010.D	CLP-1 0.53(mm)
MB 240-82117/17-A		04/18/2013 18:36	1	P4000010.D	CLP-2 0.53(mm)
LCS 240-82117/18-A		04/18/2013 18:51	1	P4000011.D	CLP-1 0.53(mm)
LCS 240-82117/18-A		04/18/2013 18:51	1	P4000011.D	CLP-2 0.53(mm)
CCV 240-82562/12		04/18/2013 19:07	1	P4000012.D	CLP-1 0.53(mm)
CCV 240-82562/12		04/18/2013 19:07	1	P4000012.D	CLP-2 0.53(mm)
MRL 240-82562/13		04/18/2013 19:23	1	P4000013.D	CLP-1 0.53(mm)
MRL 240-82562/13		04/18/2013 19:23	1	P4000013.D	CLP-2 0.53(mm)

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Batch Number: 80548 Batch Start Date: 04/04/13 12:50 Batch Analyst: Matthews, Brandon

Batch Method: 3520C Batch End Date: 04/05/13 06:50

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ReceivedpH	EX10PPMSPK 00007	EX2/.2SURRW 00023	AnalysisComment
240-22648-L-18	073SW-0061-0001-SW	3520C, 8082/DOD	T	960 mL	5 mL	7		1 mL	Assoc w/80549
MB 240-80548/3		3520C, 8082/DOD		1000 mL	5 mL	7		1 mL	Assoc w/80549
LCS 240-80548/4		3520C, 8082/DOD		1000 mL	5 mL	7	0.5 mL	1 mL	

Batch Notes	
Acid used for Clean Up Reagent	724997
Exchange Solvent Lot #	804963
Na2SO4 Lot Number	857430
Prep Solvent Lot #	908246

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Batch Number: 80983 Batch Start Date: 04/08/13 15:10 Batch Analyst: Cerne, Amanda

Batch Method: 3540C Batch End Date: 04/09/13 07:10

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EX10PPMSPK 00007	EX2/.2SURRW 00023		
240-22648-G-13	073SD-0050-0001-SO	3540C, 8082/DOD	T	30.32 g	10 mL		1 mL		
240-22648-G-29-A	079SB-0063M-0001-SO	3540C, 8082/DOD	T	30.24 g	10 mL		1 mL		
240-22648-G-30-A	079SB-0064M-0001-SO	3540C, 8082/DOD	T	30.32 g	10 mL		1 mL		
240-22648-G-36-A	079SB-0069M-0001-SO	3540C, 8082/DOD	T	30.32 g	10 mL		1 mL		
240-22648-G-38-A	079SB-0071M-0001-SO	3540C, 8082/DOD	T	30.28 g	10 mL		1 mL		
240-22648-G-40-A	079SB-0074M-0001-SO	3540C, 8082/DOD	T	29.61 g	10 mL		1 mL		
240-22648-G-43-A	068SB-0046M-0001-SO	3540C, 8082/DOD	T	29.61 g	10 mL		1 mL		
240-22648-G-43-A MS	068SB-0046M-0001-SO	3540C, 8082/DOD	T	30.07 g	10 mL	1 mL	1 mL		
240-22648-G-43-A MSD	068SB-0046M-0001-SO	3540C, 8082/DOD	T	29.65 g	10 mL	1 mL	1 mL		
240-22648-G-53-A	068SB-0041M-0001-SO	3540C, 8082/DOD	T	29.89 g	10 mL		1 mL		
MB 240-80983/17		3540C, 8082/DOD		30.00 g	10 mL		1 mL		
LCS 240-80983/18		3540C, 8082/DOD		30.00 g	10 mL	1 mL	1 mL		

Batch Notes	
Acid used for Clean Up Reagent	924924
Balance ID	b036
Exchange Solvent Lot #	926689
Na2SO4 Lot Number	857437
Prep Solvent Lot #	908883

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Batch Number: 81544 Batch Start Date: 04/11/13 13:25 Batch Analyst: Cerne, Amanda

Batch Method: 3540C Batch End Date: 04/12/13 05:25

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EX10PPMSPK 00007	EX2/.2SURRW 00023		
240-22648-C-41-A	068SB-0044M-0001-SO	3540C, 8082/DOD	T	29.75 g	10 mL		1 mL		
240-22648-C-42-A	068SB-0045M-0001-SO	3540C, 8082/DOD	T	29.62 g	10 mL		1 mL		
240-22648-C-44-A	068SB-0047M-0001-SO	3540C, 8082/DOD	T	29.54 g	10 mL		1 mL		
240-22648-C-45-A	068SB-0048M-0001-SO	3540C, 8082/DOD	T	29.81 g	10 mL		1 mL		
240-22648-C-46-A	068SB-0033M-0001-SO	3540C, 8082/DOD	T	30.49 g	10 mL		1 mL		
240-22648-C-47-A	068SB-0034M-0001-SO	3540C, 8082/DOD	T	30.35 g	10 mL		1 mL		
240-22648-C-48-A	068SB-0035M-0001-SO	3540C, 8082/DOD	T	30.46 g	10 mL		1 mL		
240-22648-C-49-A	068SB-0038M-0001-SO	3540C, 8082/DOD	T	29.54 g	10 mL		1 mL		
240-22648-C-50-A	068SB-0036M-0001-SO	3540C, 8082/DOD	T	29.59 g	10 mL		1 mL		
240-22648-C-51-A	068SB-0039M-0001-SO	3540C, 8082/DOD	T	29.96 g	10 mL		1 mL		
240-22648-C-52-A	068SB-0040M-0001-SO	3540C, 8082/DOD	T	29.59 g	10 mL		1 mL		
240-22648-C-54-A	068SB-0042M-0001-SO	3540C, 8082/DOD	T	29.78 g	10 mL		1 mL		
240-22648-C-55-A	068SB-0050M-0001-SO	3540C, 8082/DOD	T	30.06 g	10 mL		1 mL		
240-22648-C-56-A	068SB-0051M-0001-SO	3540C, 8082/DOD	T	30.22 g	10 mL		1 mL		
240-22648-C-57-A	068SB-0052M-0001-SO	3540C, 8082/DOD	T	29.52 g	10 mL		1 mL		
240-22648-C-58-A	068SB-0053M-0001-SO	3540C, 8082/DOD	T	30.15 g	10 mL		1 mL		
240-22648-C-59-A	068SB-0054M-0001-SO	3540C, 8082/DOD	T	29.76 g	10 mL		1 mL		
240-22648-C-60-A	068SB-0056M-0001-SO	3540C, 8082/DOD	T	29.93 g	10 mL		1 mL		
240-22648-C-61-A	068SB-0057M-0001-SO	3540C, 8082/DOD	T	29.64 g	10 mL		1 mL		
240-22648-C-62-A	068SB-0059M-0001-SO	3540C, 8082/DOD	T	29.76 g	10 mL		1 mL		
240-22648-C-62-A MS	068SB-0059M-0001-SO	3540C, 8082/DOD	T	29.82 g	10 mL	1 mL	1 mL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Batch Number: 81544 Batch Start Date: 04/11/13 13:25 Batch Analyst: Cerne, Amanda

Batch Method: 3540C Batch End Date: 04/12/13 05:25

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EX10PPMSPK 00007	EX2/.2SURRW 00023		
240-22648-C-62-A MSD	068SB-0059M-0001-SO	3540C, 8082/DOD	T	29.83 g	10 mL	1 mL	1 mL		
MB 240-81544/23		3540C, 8082/DOD		30.00 g	10 mL		1 mL		
LCS 240-81544/24		3540C, 8082/DOD		30.00 g	10 mL	1 mL	1 mL		

Batch Notes	
Acid used for Clean Up Reagent	924924
Balance ID	b037
Exchange Solvent Lot #	926689
Na2SO4 Lot Number	857437
Prep Solvent Lot #	928640

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Batch Number: 82117 Batch Start Date: 04/16/13 13:30 Batch Analyst: Coast, Chris

Batch Method: 3540C Batch End Date: 04/17/13 05:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EX10PPMSPK 00007	EX2/.2SURRW 00023		
240-22648-G-13	073SD-0050-0001-SO	3540C, 8082/DOD	T	30.37 g	10 mL		1 mL		
240-22648-G-36-A	079SB-0069M-0001-SO	3540C, 8082/DOD	T	29.66 g	10 mL		1 mL		
240-22648-G-36-A MS	079SB-0069M-0001-SO	3540C, 8082/DOD	T	30.40 g	10 mL	1 mL	1 mL		
240-22648-G-36-A MSD	079SB-0069M-0001-SO	3540C, 8082/DOD	T	29.54 g	10 mL	1 mL	1 mL		
MB 240-82117/17		3540C, 8082/DOD		30.00 g	10 mL		1 mL		
LCS 240-82117/18		3540C, 8082/DOD		30.00 g	10 mL	1 mL	1 mL		

Batch Notes	
Acid used for Clean Up Reagent	924924
Balance ID	b036
Exchange Solvent Lot #	926689
Na2SO4 Lot Number	857436
Prep Solvent Lot #	928640

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 8330
Nitroguanidine

Nitroguanidine (HPLC) by Method 8330

FORM III
HPLC/IC LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 320-0003783-041-1.d

Lab ID: LCS 320-13805/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Nitroguanidine	250	231	92	73-117	

Column to be used to flag recovery and RPD values

FORM III 8330 Modified

FORM III
HPLC/IC LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 320-0003925-018-1.d

Lab ID: LCS 320-14079/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Nitroguanidine	1.00	0.880	88	72-121	

Column to be used to flag recovery and RPD values

FORM III 8330 Modified

FORM IV
HPLC/IC METHOD BLANK SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab File ID: 320-0003783-040-1.d Lab Sample ID: MB 320-13805/1-A

Matrix: Water Date Extracted: 04/08/2013 10:17

Instrument ID: PDA1 Date Analyzed: 04/10/2013 03:51

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 320-13805/2-A	320-0003783-041-1.d	04/10/2013 04:08
073SW-0061-0001-SW	240-22648-18	320-0003783-042-1.d	04/10/2013 04:26

FORM IV
HPLC/IC METHOD BLANK SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab File ID: 320-0003925-017-1.d Lab Sample ID: MB 320-14079/1-A

Matrix: Solid Date Extracted: 04/11/2013 10:07

Instrument ID: PDA1 Date Analyzed: 04/16/2013 17:06

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 320-14079/2-A	320-0003925-018-1.d	04/16/2013 17:24
073SD-0050-0001-SO	240-22648-13	320-0003925-019-1.d	04/16/2013 17:42
079SB-0063M-0001-SO	240-22648-29	320-0003925-020-1.d	04/16/2013 18:00
079SB-0064M-0001-SO	240-22648-30	320-0003925-021-1.d	04/16/2013 18:17
079SB-0069M-0001-SO	240-22648-36	320-0003925-022-1.d	04/16/2013 18:35
079SB-0071M-0001-SO	240-22648-38	320-0003925-023-1.d	04/16/2013 18:53
079SB-0074M-0001-SO	240-22648-40	320-0003925-024-1.d	04/16/2013 19:11
068SB-0046M-0001-SO	240-22648-43	320-0003925-025-1.d	04/16/2013 19:28
068SB-0041M-0001-SO	240-22648-53	320-0003925-027-1.d	04/16/2013 20:04

FORM IV
HPLC/IC METHOD BLANK SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab File ID: 320-0004000-005-1.d Lab Sample ID: MB 320-14079/1-A

Matrix: Solid Date Extracted: 04/11/2013 10:07

Instrument ID: PDA1 Date Analyzed: 04/19/2013 11:59

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
073SD-0050-0001-SO	240-22648-13	320-0004000-006-1.d	04/19/2013 12:19

FORM IV 8330 Modified

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Client Sample ID: 073SD-0050-0001-SO Lab Sample ID: 240-22648-13

Matrix: Solid Lab File ID: 320-0003925-019-1.d

Analysis Method: 8330 Modified Date Collected: 03/28/2013 13:05

Extraction Method: Sieve/Ultrasoni Date Extracted: 04/11/2013 10:07

Sample wt/vol: 2.06(g) Date Analyzed: 04/16/2013 17:42

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 14432 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	*Nitroguanidine*	*0.032*	*J*	*0.24*	0.039	*0.019*

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-019-1.d		
Lims ID:	240-22648-F-13-B	Client ID:	073SD-0050-0001-SO
Inject. Date:	16-Apr-2013 17:42:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0003925-019 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14432	Lims Sample ID:	19
Detector:	GC 320-0003925-019-1		
Method:	\\SACChrom\ChromData\PDA1\20130416-3925.b\NGu Primary.m		
Last Update:	17-Apr-2013 09:33:46	Calib Date:	09-Apr-2013 14:50:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: russellk Date: 17-Apr-2013 09:34:22

	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1	Nitroguanidine					
	4.285	4.208	0.077	271	6.62	

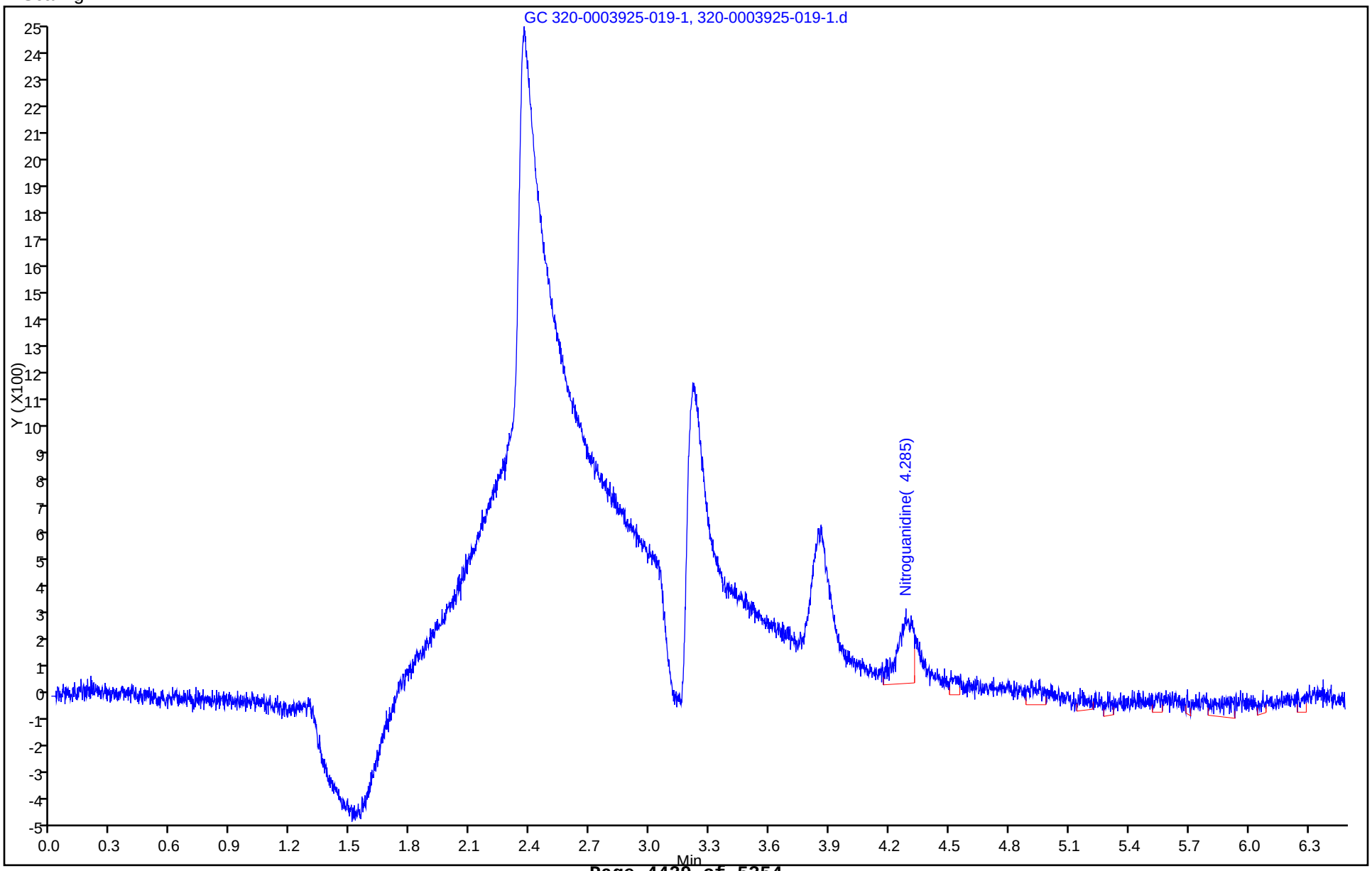
Report Date: 17-Apr-2013 09:34:22 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-019-1.d

Injection Date:	16-Apr-2013 17:42:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	073SD-0050-0001-SO	Instrument ID:	PDA1
Lims Batch ID:	14432	Lims Sample ID:	19
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Client Sample ID: 073SD-0050-0001-SO Lab Sample ID: 240-22648-13

Matrix: Solid Lab File ID: 320-0004000-006-1.d

Analysis Method: 8330 Modified Date Collected: 03/28/2013 13:05

Extraction Method: Sieve/Ultrasoni Date Extracted: 04/11/2013 10:07

Sample wt/vol: 2.06(g) Date Analyzed: 04/19/2013 12:19

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: ID:

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 14692 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.039	U	0.24	0.039	0.019

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130419-4000.b\320-0004000-006-1.d		
Lims ID:	240-22648-F-13-B	Client ID:	073SD-0050-0001-SO
Inject. Date:	19-Apr-2013 12:19:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0004000-006 Analysis		
Misc. Info.:	none std04		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14692	Lims Sample ID:	6
Detector:	GC 320-0004000-006-1		
Method:	\\SACChrom\ChromData\PDA1\20130419-4000.b\NQ CONFIRMATION.m		
Last Update:	19-Apr-2013 13:23:08	Calib Date:	18-Apr-2013 13:28:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130418-3977.b\320-0003977-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Synergi 4u Hydro-RP80A	Column Dia:	4.00 mm
Process Host:	XAWRK009		
First Level Reviewer:	russellk	Date:	19-Apr-2013 13:23:23

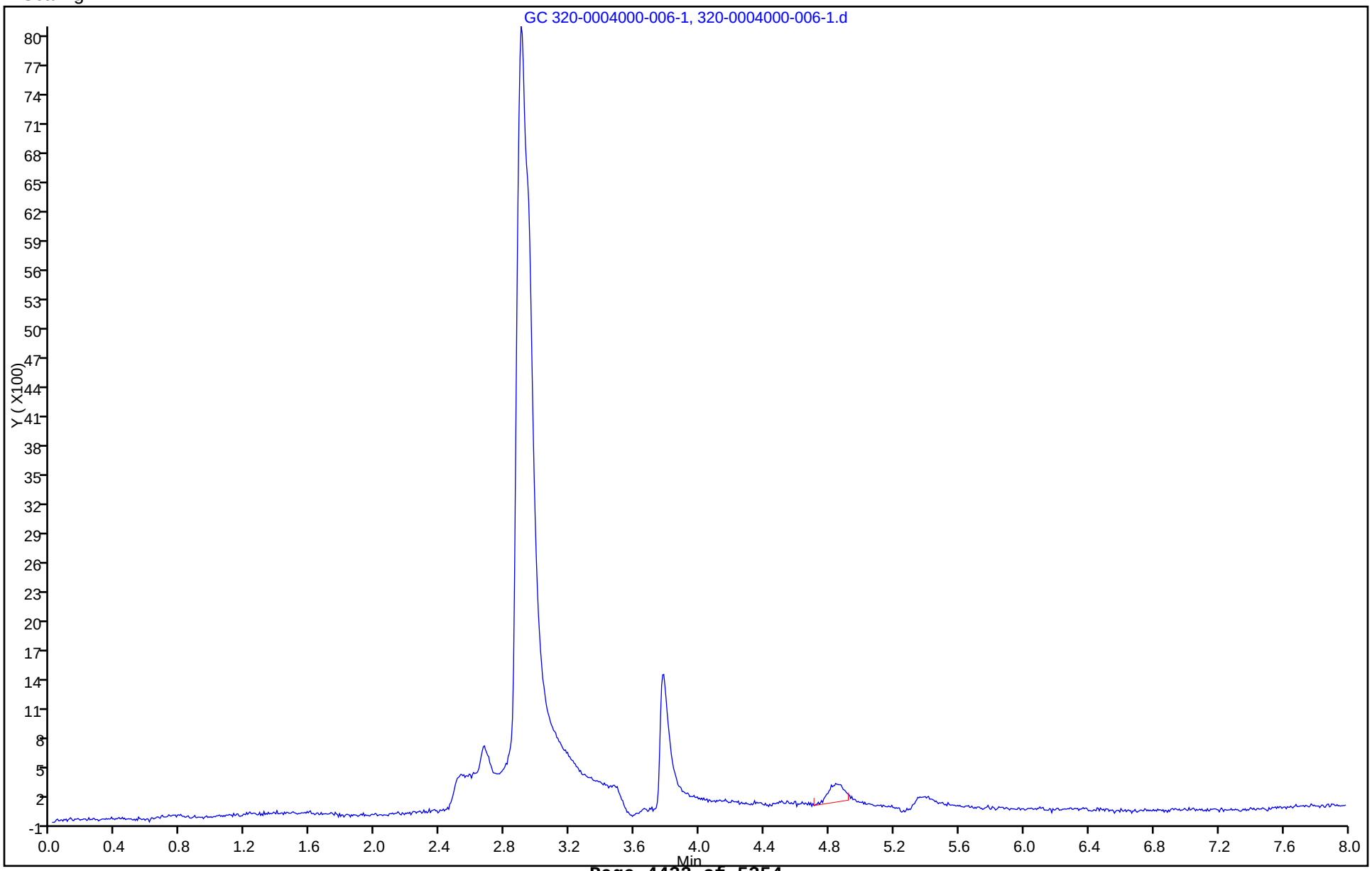
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags

Report Date: 19-Apr-2013 13:23:24 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20130419-4000.b\320-0004000-006-1.d		
Injection Date:	19-Apr-2013 12:19:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	073SD-0050-0001-SO	Instrument ID:	PDA1
Lims Batch ID:	14692	Lims Sample ID:	6
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Synergi 4u Hydro-RP80A	Column Dia:	4.00 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Client Sample ID: 073SW-0061-0001-SW Lab Sample ID: 240-22648-18

Matrix: Water Lab File ID: 320-0003783-042-1.d

Analysis Method: 8330 Modified Date Collected: 03/28/2013 13:00

Extraction Method: Filtration Date Extracted: 04/08/2013 10:17

Sample wt/vol: 10(mL) Date Analyzed: 04/10/2013 04:26

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 13918 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	6.0	U	20	6.0	2.4

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130409-3783.b\320-0003783-042-1.d		
Lims ID:	240-22648-A-18-A	Client ID:	073SW-0061-0001-SW
Inject. Date:	10-Apr-2013 04:26:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0003783-042 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	13918	Lims Sample ID:	42
Detector:	GC 320-0003783-042-1		
Method:	\\SACChrom\ChromData\PDA1\20130409-3783.b\NGu Primary.m		
Last Update:	10-Apr-2013 11:10:15	Calib Date:	09-Apr-2013 14:50:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK020		

First Level Reviewer: russellk Date: 10-Apr-2013 11:10:30

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags

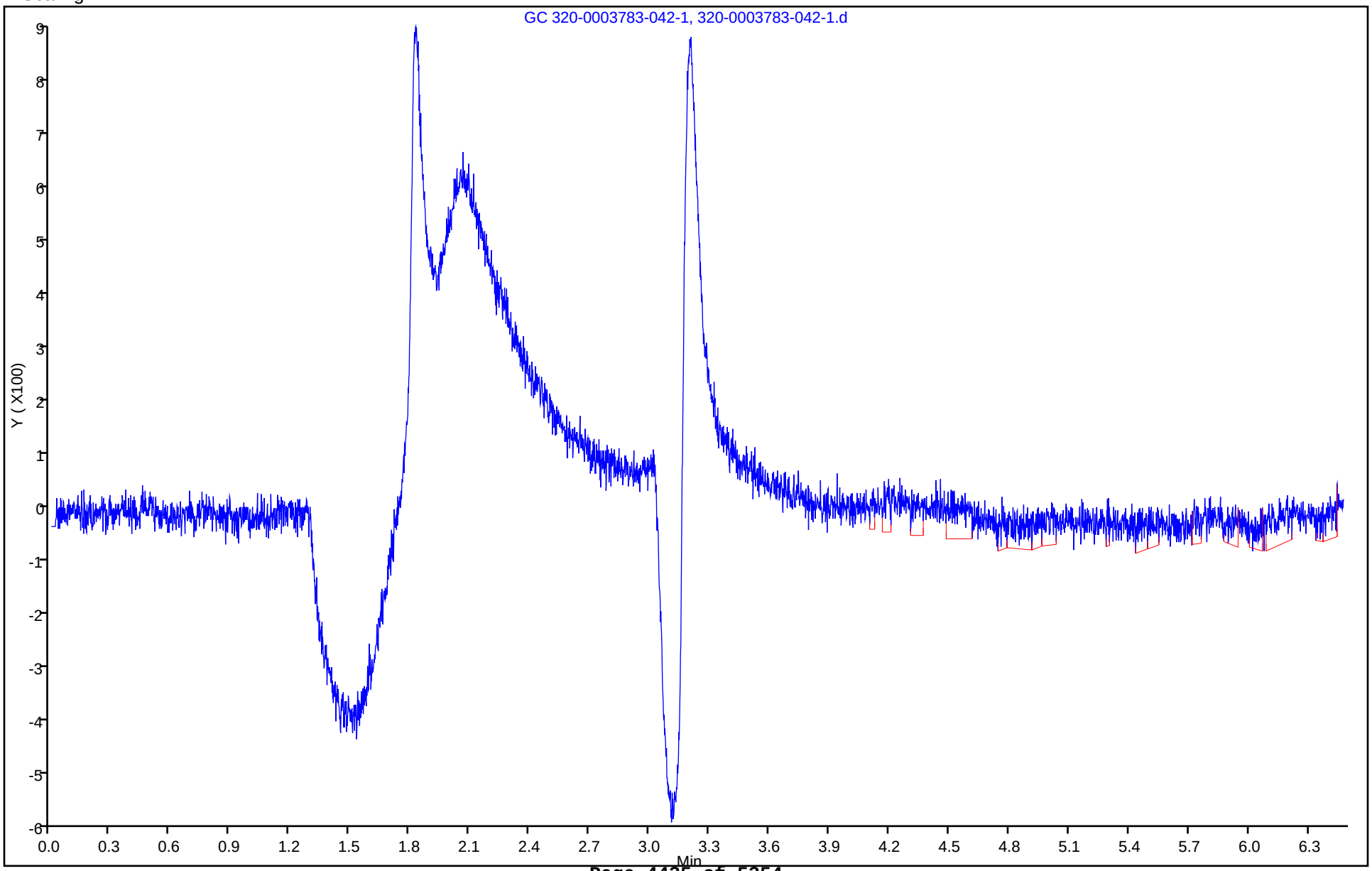
Report Date: 10-Apr-2013 11:10:30 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130409-3783.b\320-0003783-042-1.d

Injection Date:	10-Apr-2013 04:26:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	073SW-0061-0001-SW	Instrument ID:	PDA1
Lims Batch ID:	13918	Lims Sample ID:	42
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Client Sample ID: 079SB-0063M-0001-SO Lab Sample ID: 240-22648-29

Matrix: Solid Lab File ID: 320-0003925-020-1.d

Analysis Method: 8330 Modified Date Collected: 03/28/2013 14:37

Extraction Method: Sieve/Ultrasoni Date Extracted: 04/11/2013 10:07

Sample wt/vol: 2.03(g) Date Analyzed: 04/16/2013 18:00

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 14432 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.039	U	0.25	0.039	0.020

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-020-1.d		
Lims ID:	240-22648-F-29-B	Client ID:	079SB-0063M-0001-SO
Inject. Date:	16-Apr-2013 18:00:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0003925-020 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14432	Lims Sample ID:	20
Detector:	GC 320-0003925-020-1		
Method:	\\SACChrom\ChromData\PDA1\20130416-3925.b\NGu Primary.m		
Last Update:	17-Apr-2013 09:33:46	Calib Date:	09-Apr-2013 14:50:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: russellk Date: 17-Apr-2013 09:34:33

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags

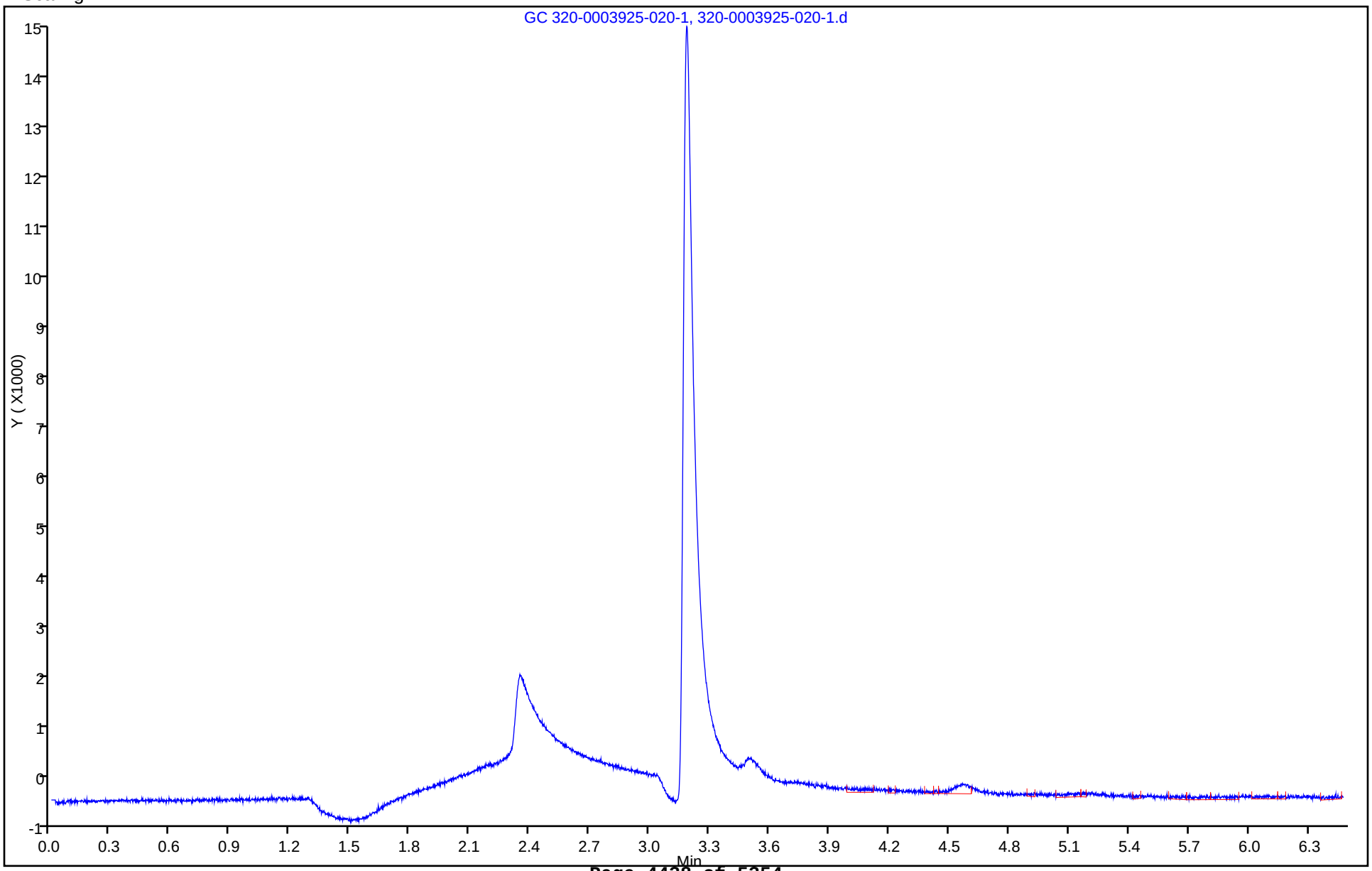
Report Date: 17-Apr-2013 09:34:33 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-020-1.d

Injection Date:	16-Apr-2013 18:00:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	079SB-0063M-0001-SO	Instrument ID:	PDA1
Lims Batch ID:	14432	Lims Sample ID:	20
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Client Sample ID: 079SB-0064M-0001-SO Lab Sample ID: 240-22648-30

Matrix: Solid Lab File ID: 320-0003925-021-1.d

Analysis Method: 8330 Modified Date Collected: 03/28/2013 14:00

Extraction Method: Sieve/Ultrasoni Date Extracted: 04/11/2013 10:07

Sample wt/vol: 2.04(g) Date Analyzed: 04/16/2013 18:17

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 14432 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.039	U	0.25	0.039	0.020

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-021-1.d		
Lims ID:	240-22648-F-30-B	Client ID:	079SB-0064M-0001-SO
Inject. Date:	16-Apr-2013 18:17:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0003925-021 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14432	Lims Sample ID:	21
Detector:	GC 320-0003925-021-1		
Method:	\\SACChrom\ChromData\PDA1\20130416-3925.b\NGu Primary.m		
Last Update:	17-Apr-2013 09:33:46	Calib Date:	09-Apr-2013 14:50:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: russellk Date: 17-Apr-2013 09:34:41

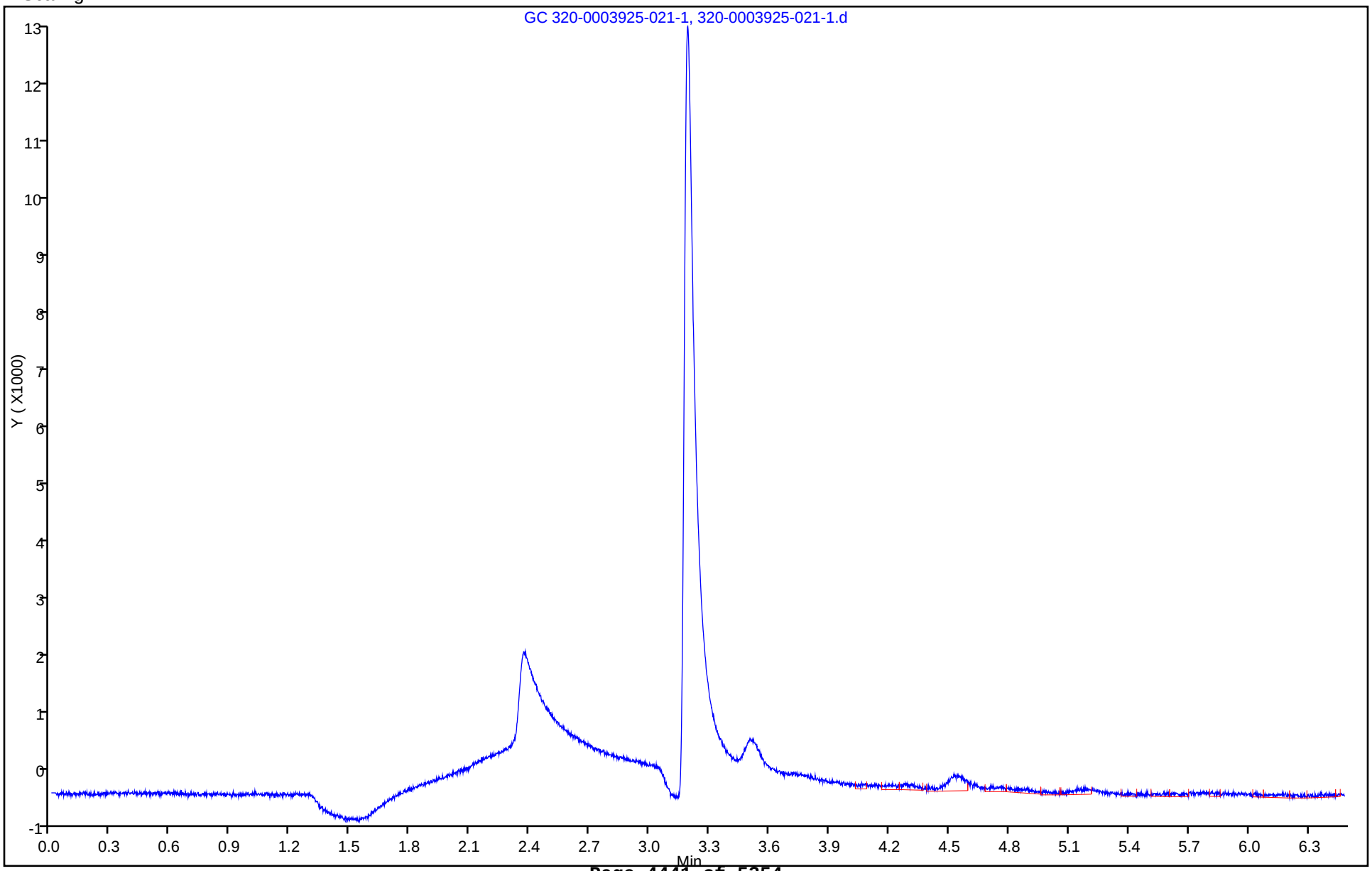
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags

Report Date: 17-Apr-2013 09:34:41 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-021-1.d		
Injection Date:	16-Apr-2013 18:17:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	079SB-0064M-0001-SO	Instrument ID:	PDA1
Lims Batch ID:	14432	Lims Sample ID:	21
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Client Sample ID: 079SB-0069M-0001-SO Lab Sample ID: 240-22648-36

Matrix: Solid Lab File ID: 320-0003925-022-1.d

Analysis Method: 8330 Modified Date Collected: 03/28/2013 16:15

Extraction Method: Sieve/Ultrasoni Date Extracted: 04/11/2013 10:07

Sample wt/vol: 2.00(g) Date Analyzed: 04/16/2013 18:35

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 14432 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.040	U	0.25	0.040	0.020

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-022-1.d		
Lims ID:	240-22648-F-36-B	Client ID:	079SB-0069M-0001-SO
Inject. Date:	16-Apr-2013 18:35:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0003925-022 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14432	Lims Sample ID:	22
Detector:	GC 320-0003925-022-1		
Method:	\\SACChrom\ChromData\PDA1\20130416-3925.b\NGu Primary.m		
Last Update:	17-Apr-2013 09:33:46	Calib Date:	09-Apr-2013 14:50:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: russellk Date: 17-Apr-2013 09:34:48

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags

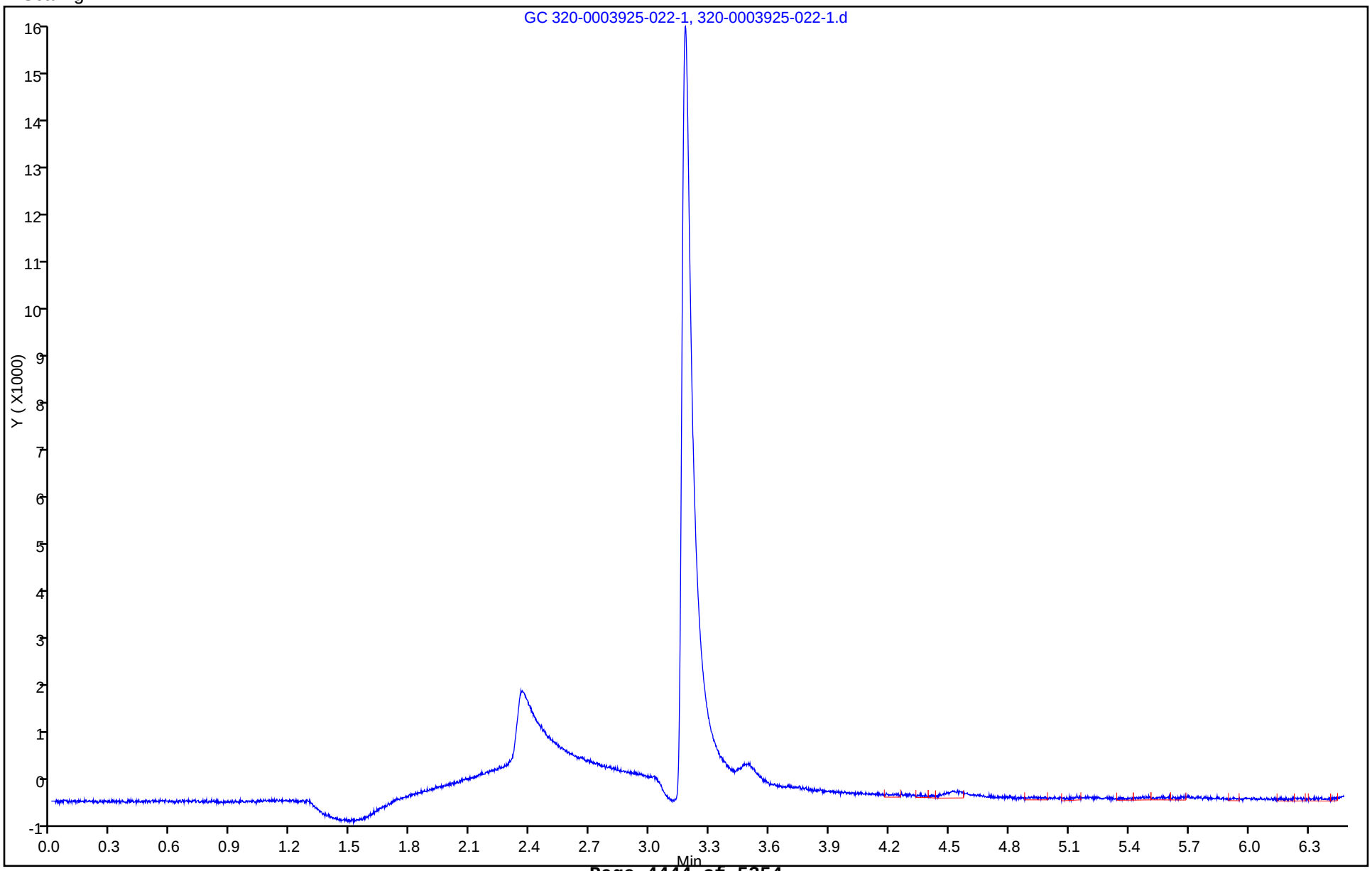
Report Date: 17-Apr-2013 09:34:48 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-022-1.d

Injection Date:	16-Apr-2013 18:35:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	079SB-0069M-0001-SO	Instrument ID:	PDA1
Lims Batch ID:	14432	Lims Sample ID:	22
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Client Sample ID: 079SB-0071M-0001-SO Lab Sample ID: 240-22648-38

Matrix: Solid Lab File ID: 320-0003925-023-1.d

Analysis Method: 8330 Modified Date Collected: 03/28/2013 16:34

Extraction Method: Sieve/Ultrasoni Date Extracted: 04/11/2013 10:07

Sample wt/vol: 2.06(g) Date Analyzed: 04/16/2013 18:53

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 14432 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.039	U	0.24	0.039	0.019

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-023-1.d		
Lims ID:	240-22648-F-38-B	Client ID:	079SB-0071M-0001-SO
Inject. Date:	16-Apr-2013 18:53:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0003925-023 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14432	Lims Sample ID:	23
Detector:	GC 320-0003925-023-1		
Method:	\\SACChrom\ChromData\PDA1\20130416-3925.b\NGu Primary.m		
Last Update:	17-Apr-2013 09:33:46	Calib Date:	09-Apr-2013 14:50:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: russellk Date: 17-Apr-2013 09:34:55

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags

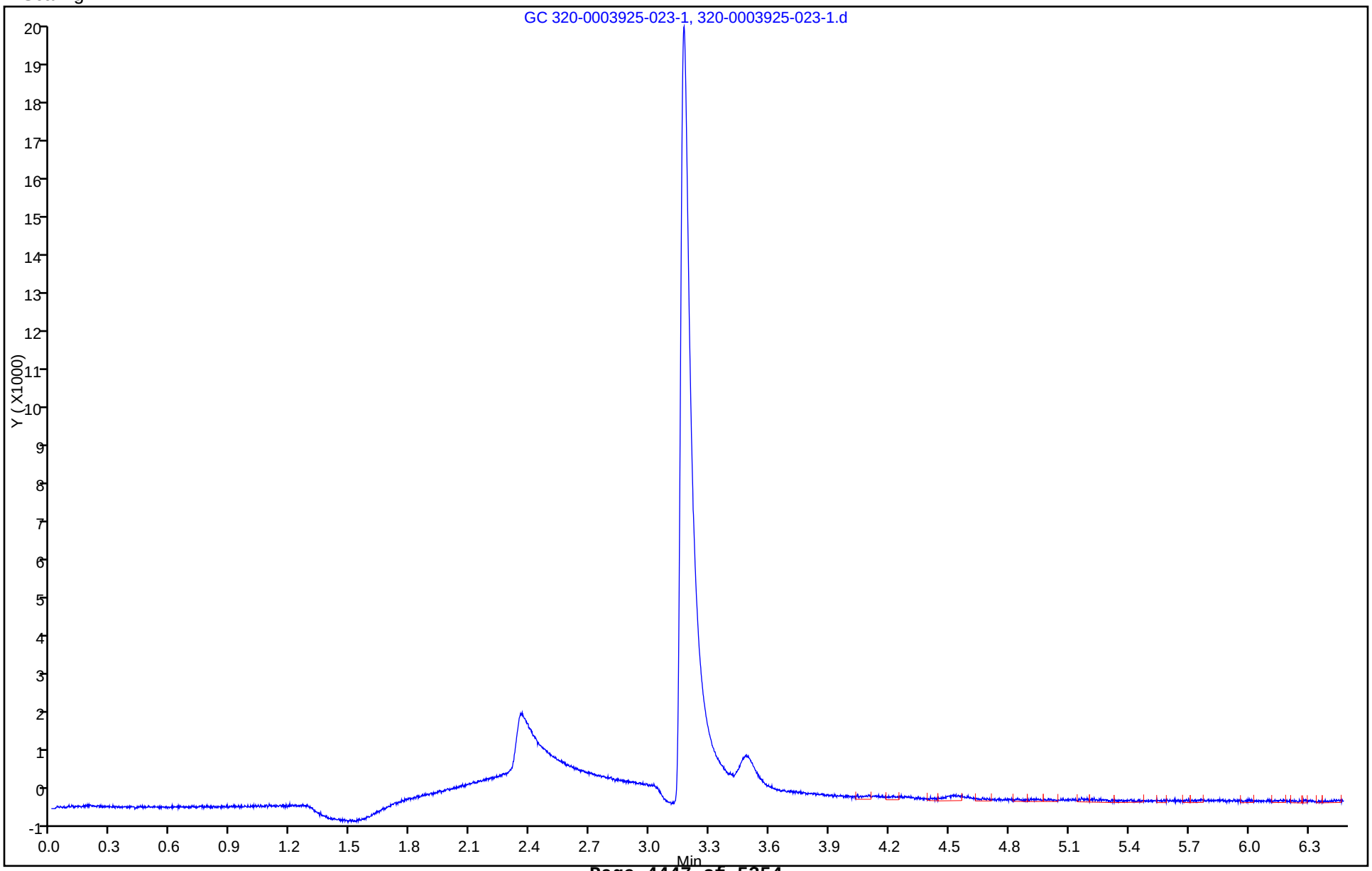
Report Date: 17-Apr-2013 09:34:55 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-023-1.d

Injection Date:	16-Apr-2013 18:53:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	079SB-0071M-0001-SO	Instrument ID:	PDA1
Lims Batch ID:	14432	Lims Sample ID:	23
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Client Sample ID: 079SB-0074M-0001-SO Lab Sample ID: 240-22648-40

Matrix: Solid Lab File ID: 320-0003925-024-1.d

Analysis Method: 8330 Modified Date Collected: 03/28/2013 17:20

Extraction Method: Sieve/Ultrasoni Date Extracted: 04/11/2013 10:07

Sample wt/vol: 2.00(g) Date Analyzed: 04/16/2013 19:11

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 14432 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.040	U	0.25	0.040	0.020

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-024-1.d		
Lims ID:	240-22648-F-40-B	Client ID:	079SB-0074M-0001-SO
Inject. Date:	16-Apr-2013 19:11:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0003925-024 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14432	Lims Sample ID:	24
Detector:	GC 320-0003925-024-1		
Method:	\\SACChrom\ChromData\PDA1\20130416-3925.b\NGu Primary.m		
Last Update:	17-Apr-2013 09:33:46	Calib Date:	09-Apr-2013 14:50:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: russellk Date: 17-Apr-2013 09:35:07

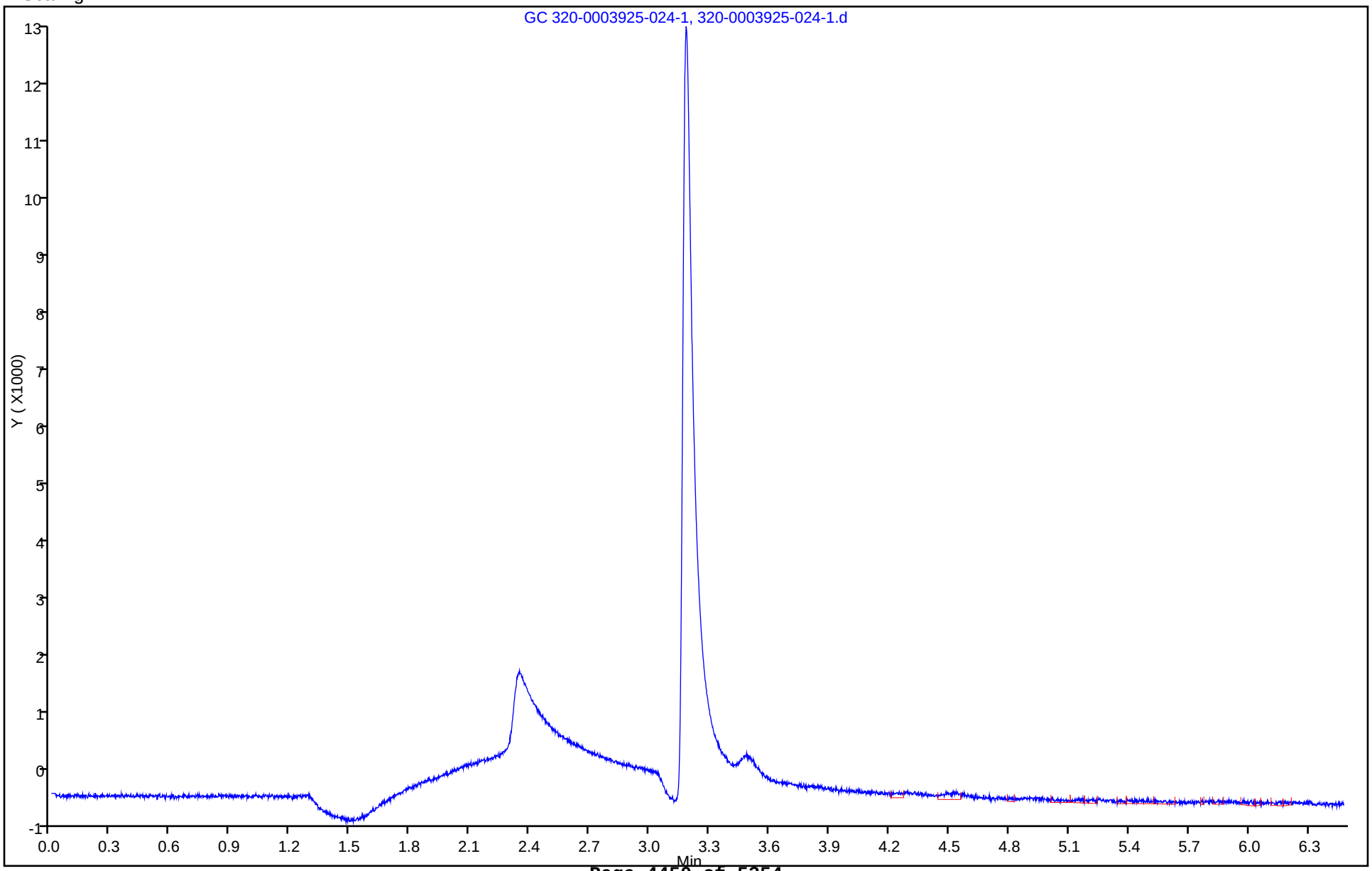
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags

Report Date: 17-Apr-2013 09:35:07 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-024-1.d		
Injection Date:	16-Apr-2013 19:11:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	079SB-0074M-0001-SO	Instrument ID:	PDA1
Lims Batch ID:	14432	Lims Sample ID:	24
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Client Sample ID: 068SB-0046M-0001-SO Lab Sample ID: 240-22648-43

Matrix: Solid Lab File ID: 320-0003925-025-1.d

Analysis Method: 8330 Modified Date Collected: 03/29/2013 09:37

Extraction Method: Sieve/Ultrasoni Date Extracted: 04/11/2013 10:07

Sample wt/vol: 2.00(g) Date Analyzed: 04/16/2013 19:28

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 14432 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.040	U	0.25	0.040	0.020

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-025-1.d		
Lims ID:	240-22648-F-43-B	Client ID:	068SB-0046M-0001-SO
Inject. Date:	16-Apr-2013 19:28:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0003925-025 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14432	Lims Sample ID:	25
Detector:	GC 320-0003925-025-1		
Method:	\\SACChrom\ChromData\PDA1\20130416-3925.b\NGu Primary.m		
Last Update:	17-Apr-2013 09:33:46	Calib Date:	09-Apr-2013 14:50:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: russellk Date: 17-Apr-2013 09:35:19

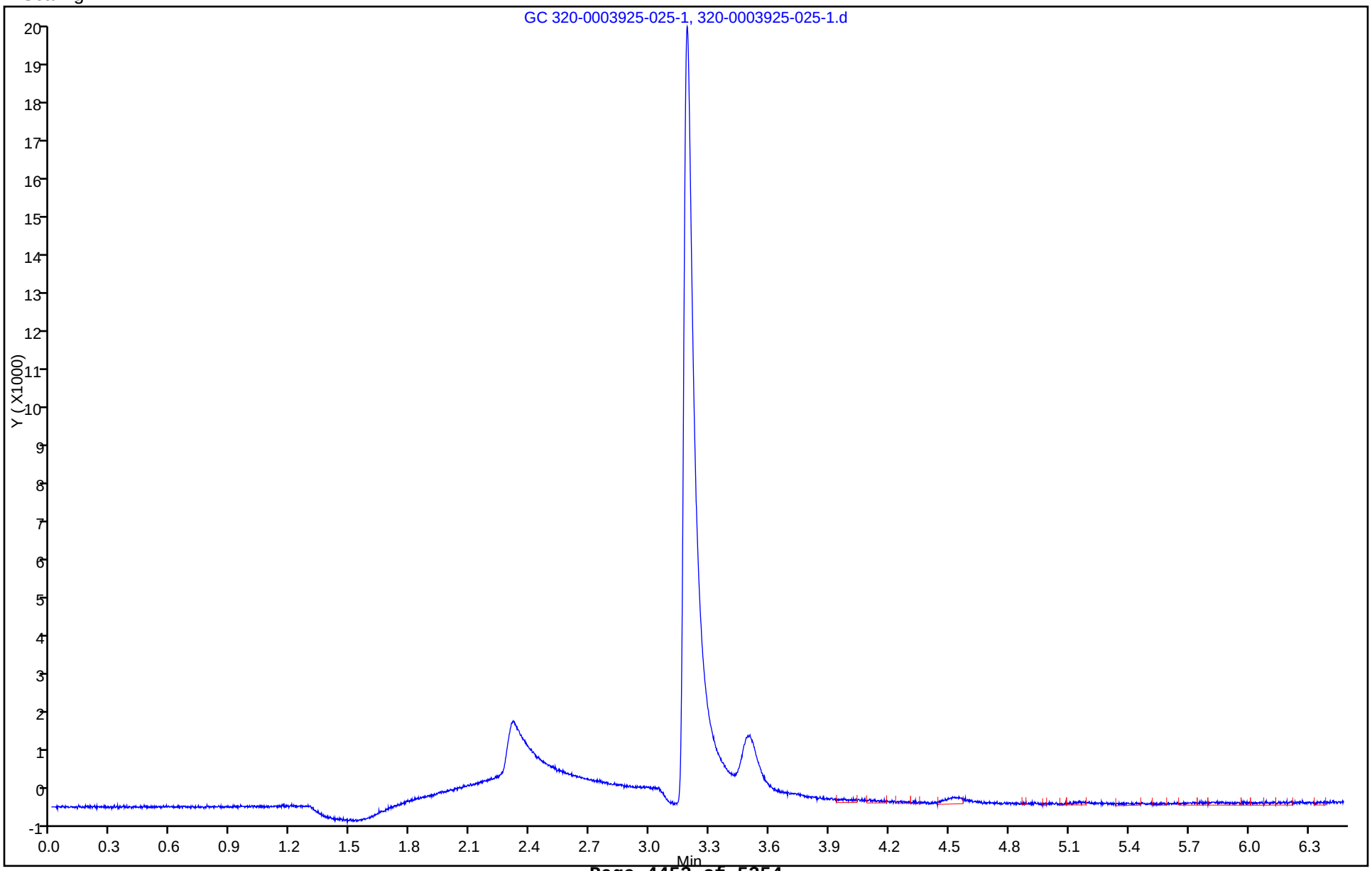
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags

Report Date: 17-Apr-2013 09:35:19 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-025-1.d		
Injection Date:	16-Apr-2013 19:28:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	068SB-0046M-0001-SO	Instrument ID:	PDA1
Lims Batch ID:	14432	Lims Sample ID:	25
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Client Sample ID: 068SB-0041M-0001-SO Lab Sample ID: 240-22648-53

Matrix: Solid Lab File ID: 320-0003925-027-1.d

Analysis Method: 8330 Modified Date Collected: 03/29/2013 09:12

Extraction Method: Sieve/Ultrasoni Date Extracted: 04/11/2013 10:07

Sample wt/vol: 2.02(g) Date Analyzed: 04/16/2013 20:04

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 14432 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.040	U	0.25	0.040	0.020

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-027-1.d		
Lims ID:	240-22648-F-53-B	Client ID:	068SB-0041M-0001-SO
Inject. Date:	16-Apr-2013 20:04:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0003925-027 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14432	Lims Sample ID:	27
Detector:	GC 320-0003925-027-1		
Method:	\\SACChrom\ChromData\PDA1\20130416-3925.b\NGu Primary.m		
Last Update:	17-Apr-2013 09:35:35	Calib Date:	09-Apr-2013 14:50:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: russellk Date: 17-Apr-2013 09:35:56

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags

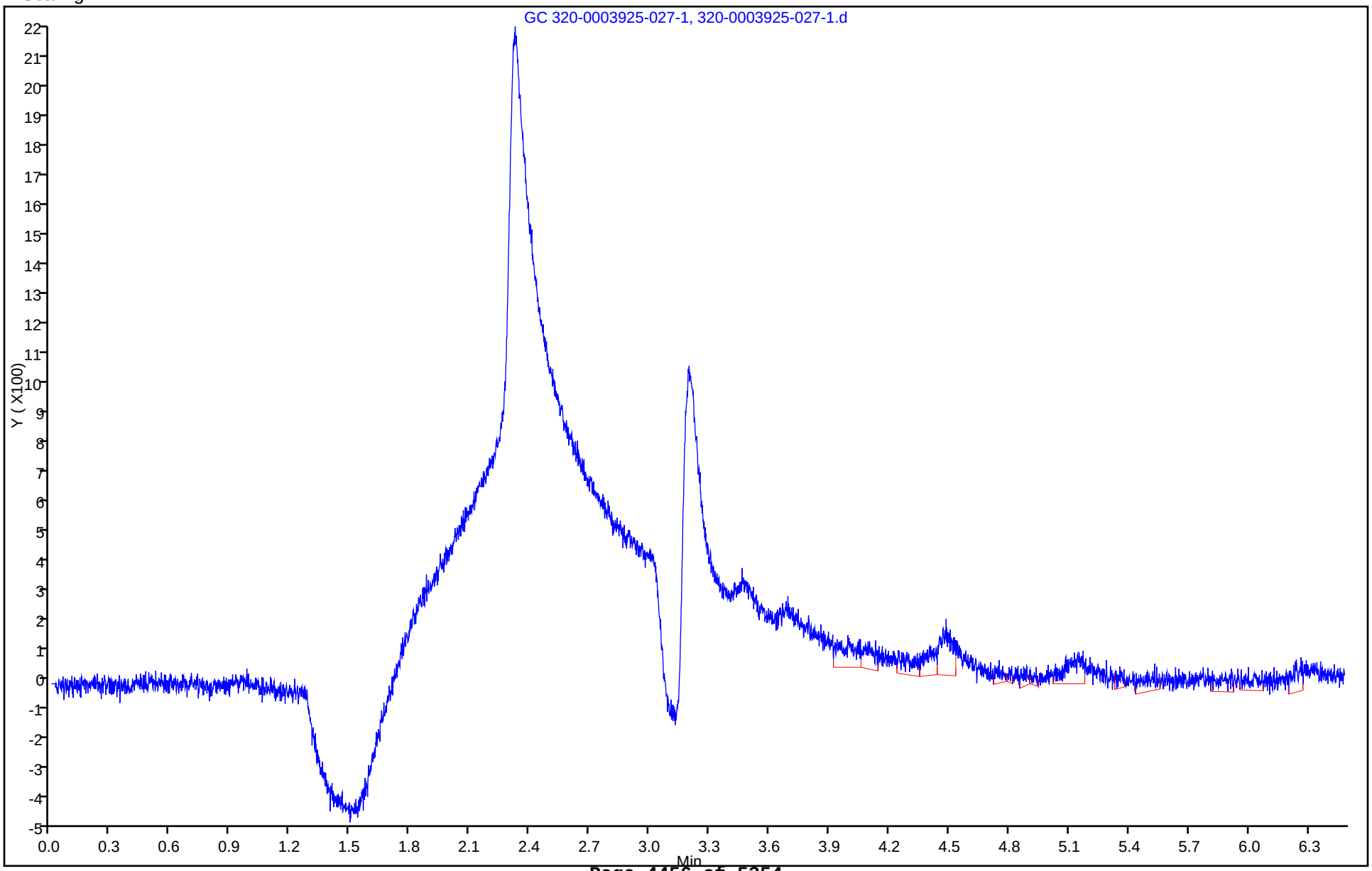
Report Date: 17-Apr-2013 09:35:56 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-027-1.d

Injection Date:	16-Apr-2013 20:04:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	068SB-0041M-0001-SO	Instrument ID:	PDA1
Lims Batch ID:	14432	Lims Sample ID:	27
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1 Analy Batch No.: 13890

SDG No.:

Instrument ID: PDA1 GC Column: Luna NH2 ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/09/2013 13:21 Calibration End Date: 04/09/2013 14:50 Calibration ID: 2544

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD02 320-13890/4	320-0003774-004-1.d
Level 2	STD03 320-13890/5	320-0003774-005-1.d
Level 3	STD04 320-13890/6	320-0003774-006-1.d
Level 4	STD05 320-13890/7	320-0003774-007-1.d
Level 5	STD06 320-13890/8	320-0003774-008-1.d
Level 6	STD07 320-13890/9	320-0003774-009-1.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
Nitroguanidine	4.195	4.205	4.185	4.187	4.192	4.173					3.942 - 4.442	4.190

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1 Analy Batch No.: 13890

SDG No.:

Instrument ID: PDA1 GC Column: Luna NH2 ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/09/2013 13:21 Calibration End Date: 04/09/2013 14:50 Calibration ID: 2544

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD02 320-13890/4	320-0003774-004-1.d
Level 2	STD03 320-13890/5	320-0003774-005-1.d
Level 3	STD04 320-13890/6	320-0003774-006-1.d
Level 4	STD05 320-13890/7	320-0003774-007-1.d
Level 5	STD06 320-13890/8	320-0003774-008-1.d
Level 6	STD07 320-13890/9	320-0003774-009-1.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
Nitroguanidine	43.550 39.998	39.600 38.542	43.760	40.260	Ave		40.9516667				5.3		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1 Analy Batch No.: 13890

SDG No.:

Instrument ID: PDA1 GC Column: Luna NH2 ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/09/2013 13:21 Calibration End Date: 04/09/2013 14:50 Calibration ID: 2544

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD02 320-13890/4	320-0003774-004-1.d
Level 2	STD03 320-13890/5	320-0003774-005-1.d
Level 3	STD04 320-13890/6	320-0003774-006-1.d
Level 4	STD05 320-13890/7	320-0003774-007-1.d
Level 5	STD06 320-13890/8	320-0003774-008-1.d
Level 6	STD07 320-13890/9	320-0003774-009-1.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Nitroguanidine	Ave	871 38542	1980	4376	8052	19999	20.0 1000	50.0	100	200	500

Curve Type Legend:
Ave = Average by Height

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-004-1.d		
Lims ID:	std02	Client ID:	
Inject. Date:	09-Apr-2013 13:21:00	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	320-0003774-004 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	13890	Lims Sample ID:	4
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0003774-004-1		
Method:	\\SACChrom\ChromData\PDA1\20130409-3774.b\NGu Primary.m		
Last Update:	10-Apr-2013 10:05:30	Calib Date:	09-Apr-2013 14:50:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK037		

First Level Reviewer: russellk Date: 10-Apr-2013 09:49:58

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.195	4.192	0.003	871	21.3	

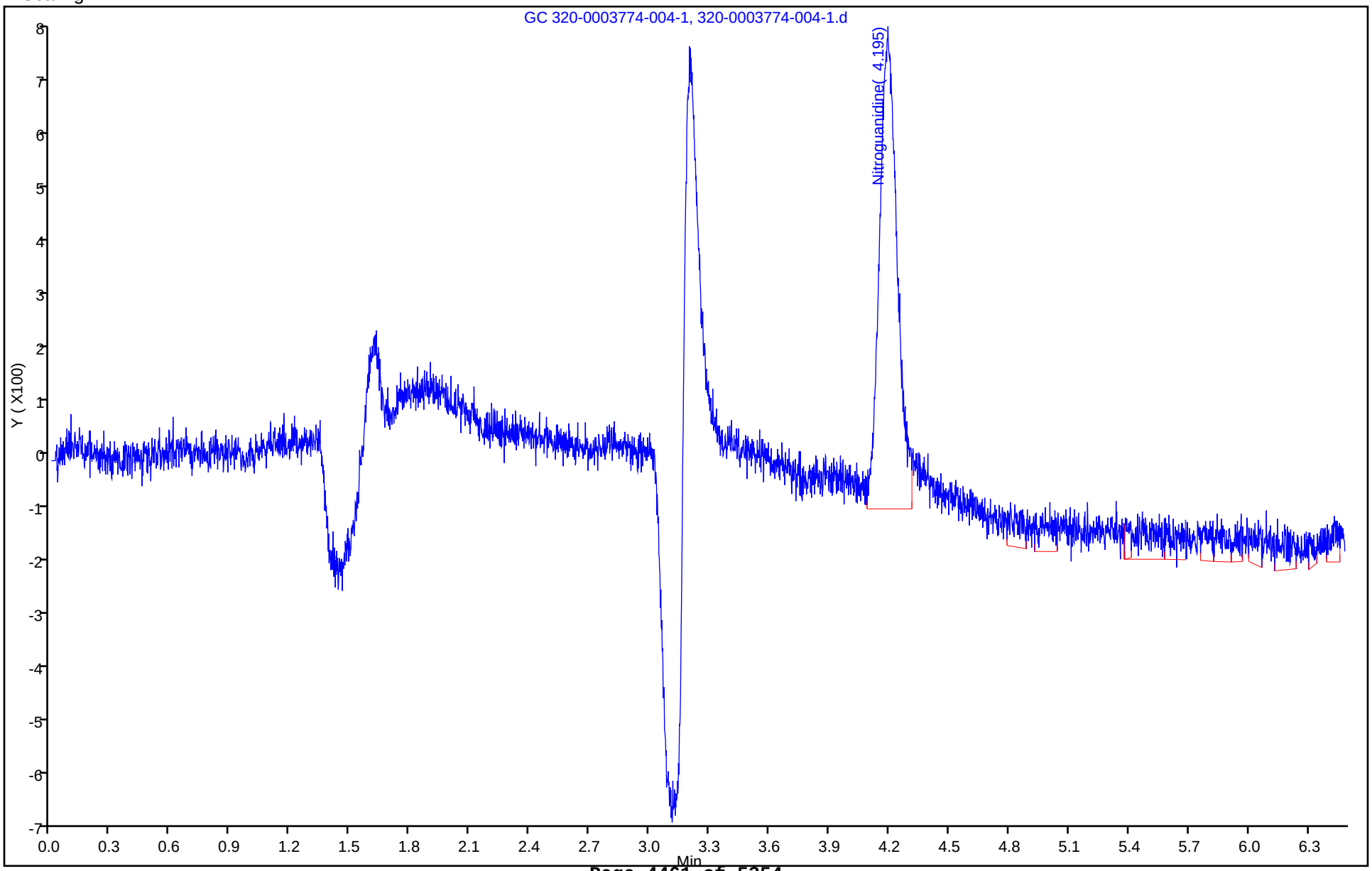
Report Date: 10-Apr-2013 10:05:30 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-004-1.d

Injection Date:	09-Apr-2013 13:21:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	13890	Lims Sample ID:	4
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-005-1.d		
Lims ID:	std03	Client ID:	
Inject. Date:	09-Apr-2013 13:39:00	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	320-0003774-005 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	13890	Lims Sample ID:	5
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0003774-005-1		
Method:	\\SACChrom\ChromData\PDA1\20130409-3774.b\NGu Primary.m		
Last Update:	10-Apr-2013 10:05:31	Calib Date:	09-Apr-2013 14:50:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK037		

First Level Reviewer: russellk Date: 10-Apr-2013 09:50:02

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.205	4.192	0.013	1980	48.3	

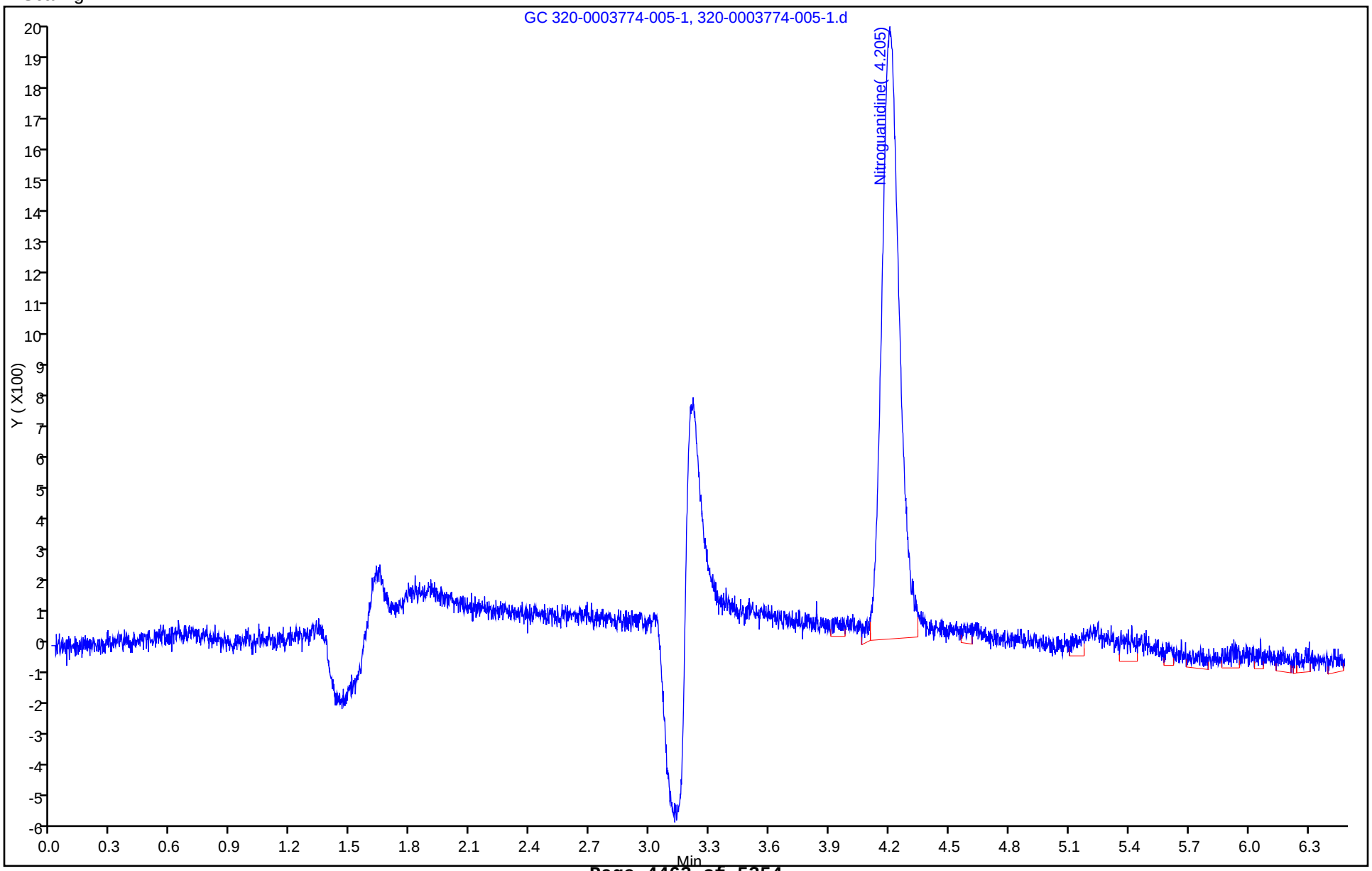
Report Date: 10-Apr-2013 10:05:31 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-005-1.d

Injection Date:	09-Apr-2013 13:39:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	13890	Lims Sample ID:	5
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-006-1.d		
Lims ID:	std04	Client ID:	
Inject. Date:	09-Apr-2013 13:56:00	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	320-0003774-006 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	13890	Lims Sample ID:	6
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0003774-006-1		
Method:	\\SACChrom\ChromData\PDA1\20130409-3774.b\NGu Primary.m		
Last Update:	10-Apr-2013 10:05:31	Calib Date:	09-Apr-2013 14:50:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK037		

First Level Reviewer: russellk Date: 10-Apr-2013 09:50:05

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.185	4.192	-0.007	4376	106.9	

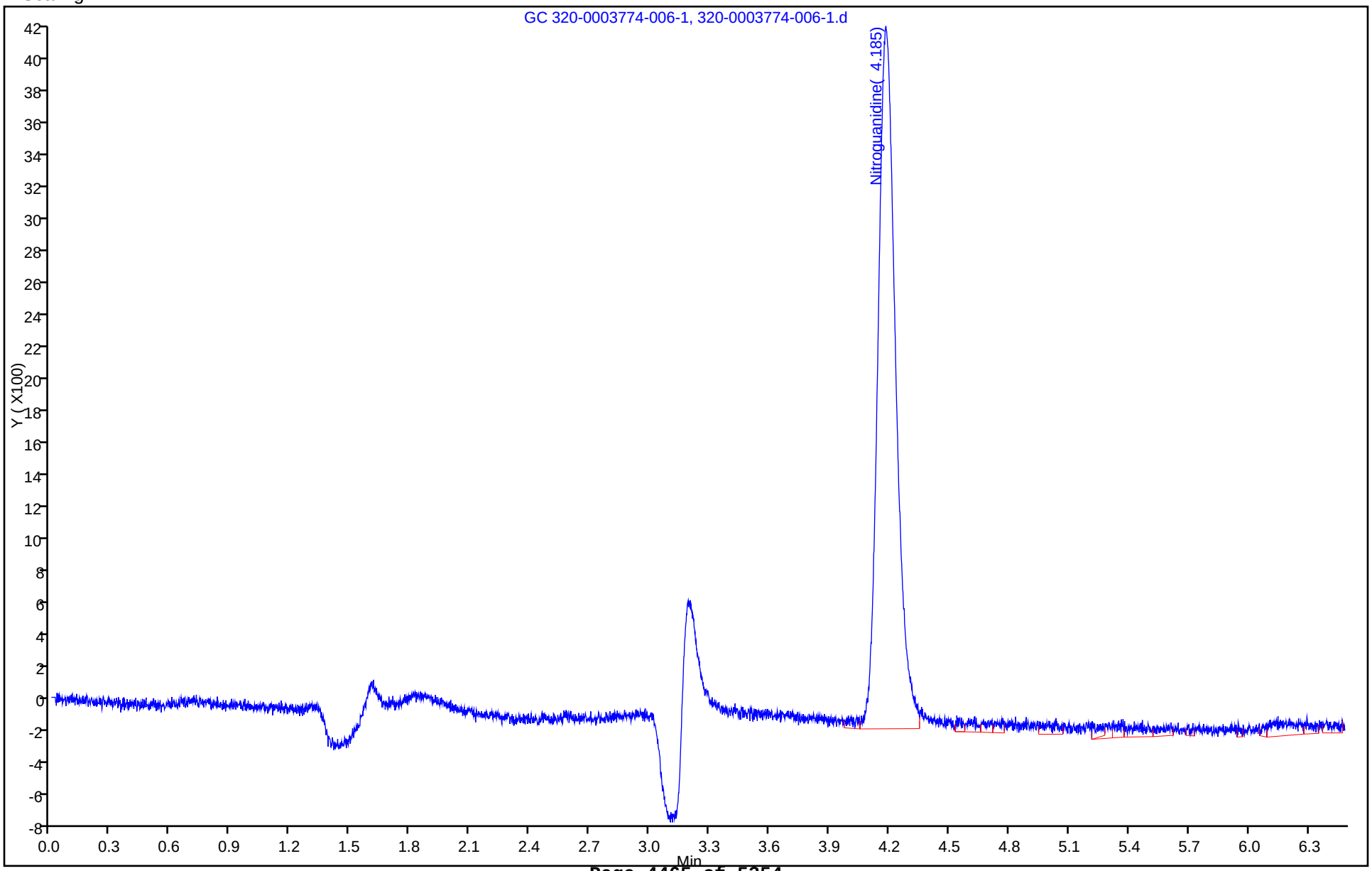
Report Date: 10-Apr-2013 10:05:31 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-006-1.d

Injection Date:	09-Apr-2013 13:56:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	13890	Lims Sample ID:	6
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-007-1.d		
Lims ID:	std05	Client ID:	
Inject. Date:	09-Apr-2013 14:14:00	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	320-0003774-007 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	13890	Lims Sample ID:	7
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0003774-007-1		
Method:	\\SACChrom\ChromData\PDA1\20130409-3774.b\NGu Primary.m		
Last Update:	10-Apr-2013 10:05:31	Calib Date:	09-Apr-2013 14:50:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK037		

First Level Reviewer: russellk Date: 10-Apr-2013 09:50:09

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.187	4.187	0.0	8052	196.6	

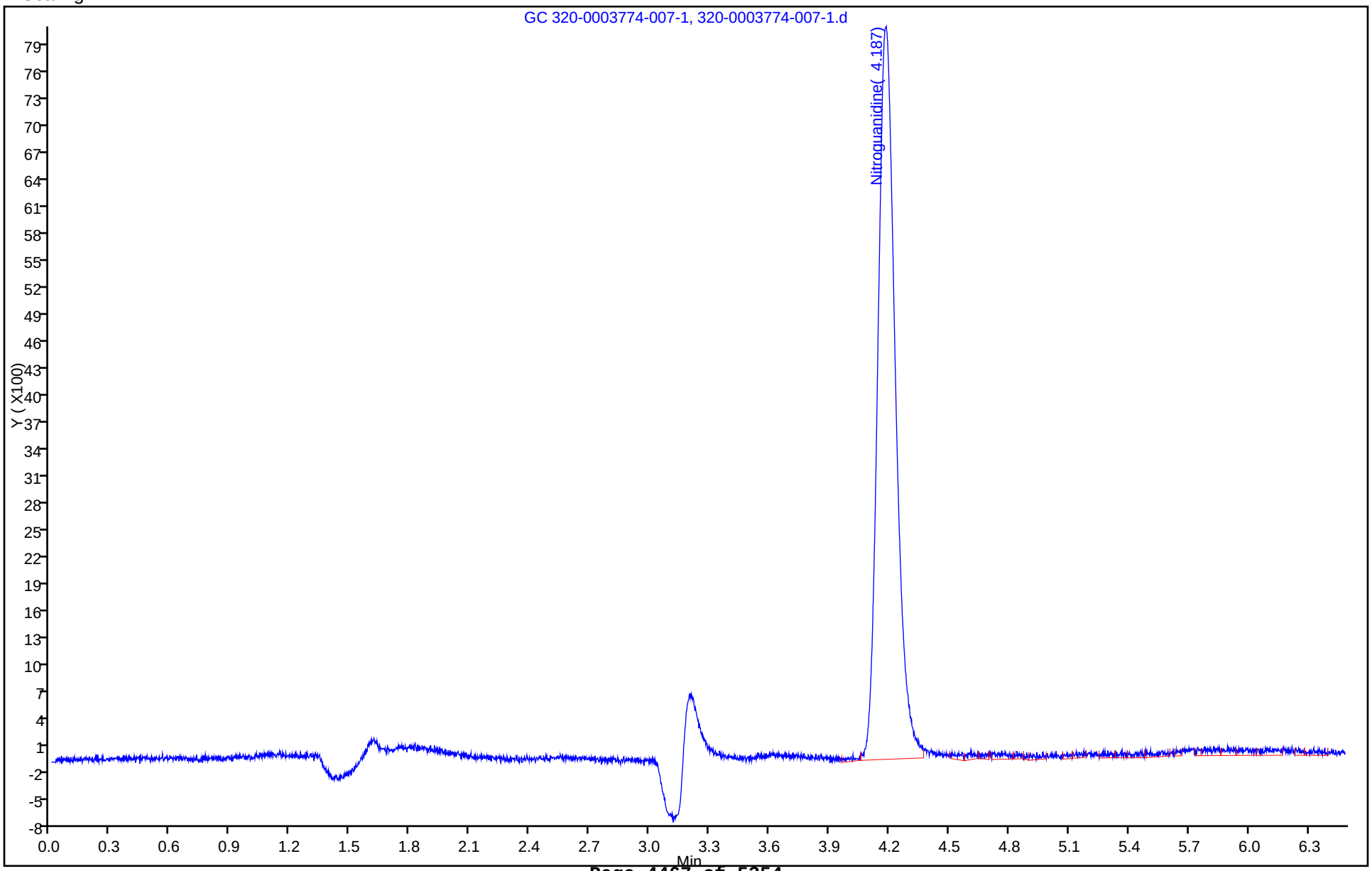
Report Date: 10-Apr-2013 10:05:31 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-007-1.d

Injection Date:	09-Apr-2013 14:14:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	13890	Lims Sample ID:	7
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-008-1.d		
Lims ID:	std06	Client ID:	
Inject. Date:	09-Apr-2013 14:32:00	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	320-0003774-008 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	13890	Lims Sample ID:	8
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0003774-008-1		
Method:	\\SACChrom\ChromData\PDA1\20130409-3774.b\NGu Primary.m		
Last Update:	10-Apr-2013 10:05:32	Calib Date:	09-Apr-2013 14:50:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK037		

First Level Reviewer: russellk Date: 10-Apr-2013 09:50:11

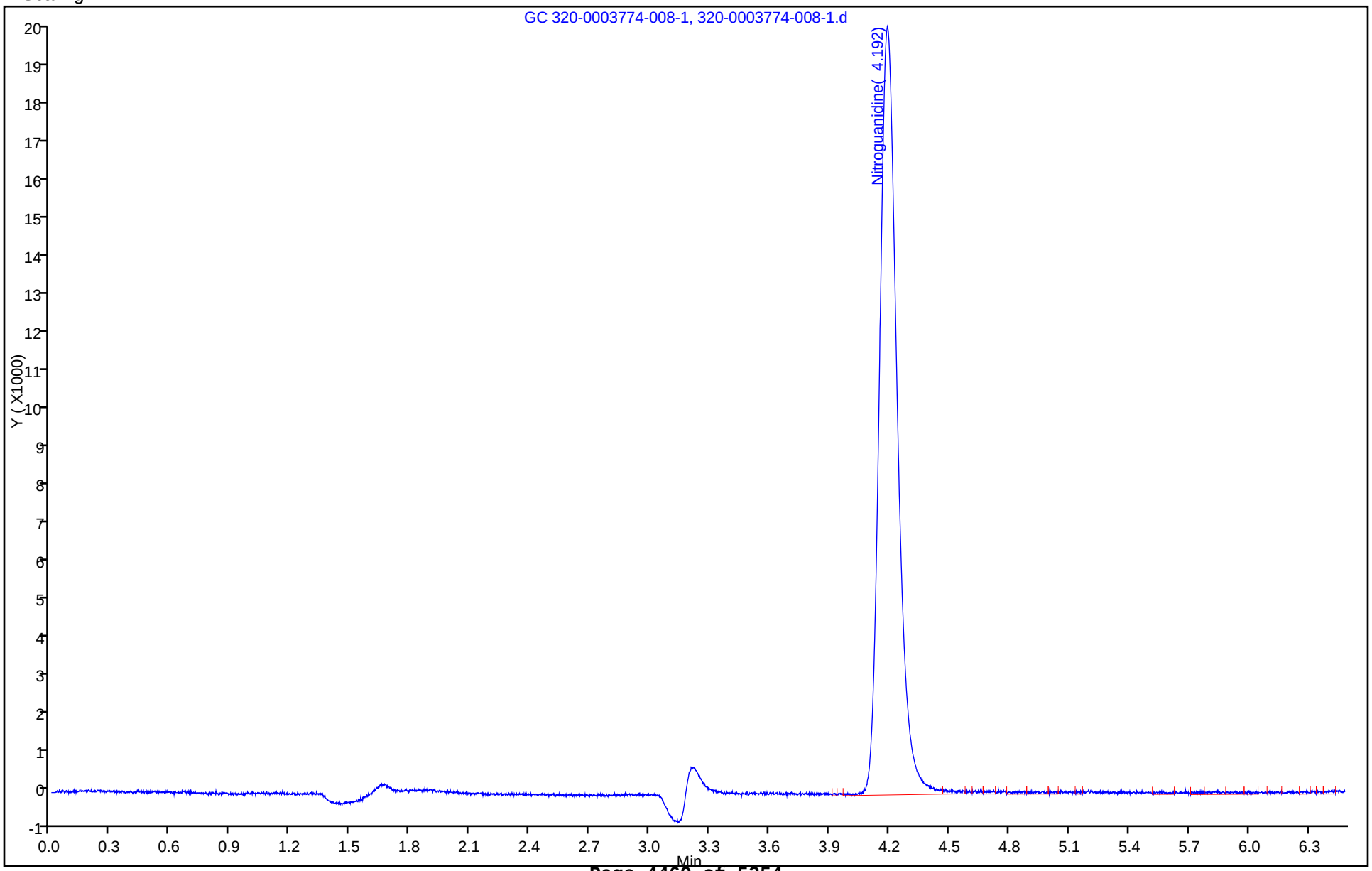
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.192	4.187	0.005	19999	488.4	

Report Date: 10-Apr-2013 10:05:32 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-008-1.d		
Injection Date:	09-Apr-2013 14:32:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	13890	Lims Sample ID:	8
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Lims ID:	std07	Client ID:	
Inject. Date:	09-Apr-2013 14:50:00	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	7
Sample ID:	320-0003774-009 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	13890	Lims Sample ID:	9
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0003774-009-1		
Method:	\\SACChrom\ChromData\PDA1\20130409-3774.b\NGu Primary.m		
Last Update:	10-Apr-2013 10:05:32	Calib Date:	09-Apr-2013 14:50:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK037		

First Level Reviewer: russellk Date: 10-Apr-2013 09:50:14

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.173	4.187	-0.014	38542	941.2	

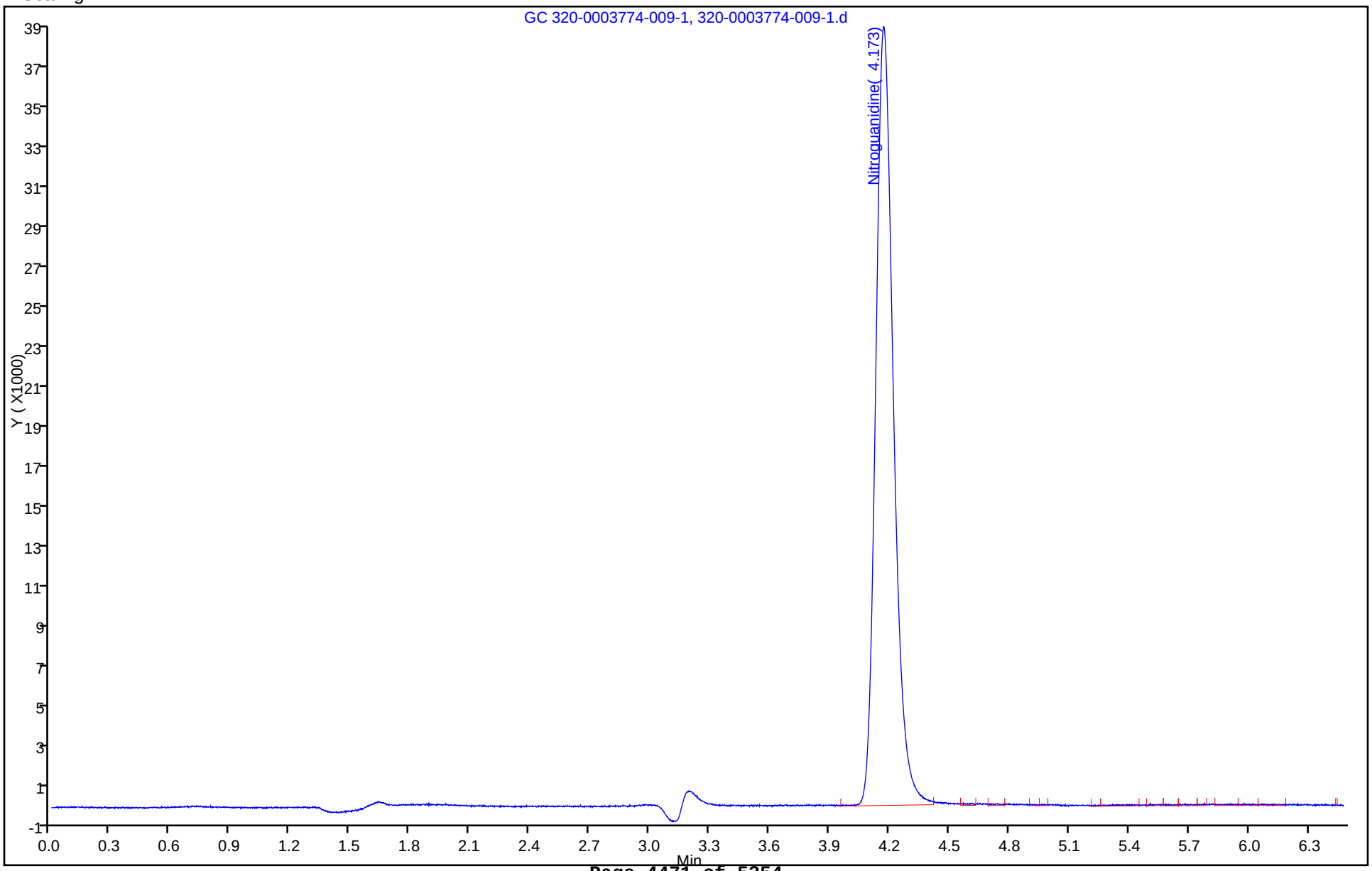
Report Date: 10-Apr-2013 10:05:32 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d

Injection Date:	09-Apr-2013 14:50:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	13890	Lims Sample ID:	9
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1 Analy Batch No.: 14613

SDG No.:

Instrument ID: PDA1 GC Column: Hydro RP80A ID: 4(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/18/2013 11:49 Calibration End Date: 04/18/2013 13:28 Calibration ID: 2661

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD02 320-14613/4	320-0003977-004-1.d
Level 2	STD03 320-14613/5	320-0003977-005-1.d
Level 3	STD04 320-14613/6	320-0003977-006-1.d
Level 4	STD05 320-14613/7	320-0003977-007-1.d
Level 5	STD06 320-14613/8	320-0003977-008-1.d
Level 6	STD07 320-14613/9	320-0003977-009-1.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
Nitroguanidine	4.447	4.427	4.460	4.453	4.453	4.440					4.197 - 4.697	4.447

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1 Analy Batch No.: 14613

SDG No.:

Instrument ID: PDA1 GC Column: Hydro RP80A ID: 4(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/18/2013 11:49 Calibration End Date: 04/18/2013 13:28 Calibration ID: 2661

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD02 320-14613/4	320-0003977-004-1.d
Level 2	STD03 320-14613/5	320-0003977-005-1.d
Level 3	STD04 320-14613/6	320-0003977-006-1.d
Level 4	STD05 320-14613/7	320-0003977-007-1.d
Level 5	STD06 320-14613/8	320-0003977-008-1.d
Level 6	STD07 320-14613/9	320-0003977-009-1.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
Nitroguanidine	60.950 57.102	56.500 54.601	62.260	58.350	Ave		58.2938333				4.9		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1 Analy Batch No.: 14613

SDG No.:

Instrument ID: PDA1 GC Column: Hydro RP80A ID: 4(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/18/2013 11:49 Calibration End Date: 04/18/2013 13:28 Calibration ID: 2661

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD02 320-14613/4	320-0003977-004-1.d
Level 2	STD03 320-14613/5	320-0003977-005-1.d
Level 3	STD04 320-14613/6	320-0003977-006-1.d
Level 4	STD05 320-14613/7	320-0003977-007-1.d
Level 5	STD06 320-14613/8	320-0003977-008-1.d
Level 6	STD07 320-14613/9	320-0003977-009-1.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Nitroguanidine	Ave	1219 54601	2825	6226	11670	28551	20.0 1000	50.0	100	200	500

Curve Type Legend:
Ave = Average by Height

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130418-3977.b\320-0003977-004-1.d		
Lims ID:	std02	Client ID:	
Inject. Date:	18-Apr-2013 11:49:00	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	320-0003977-004 Analysis		
Misc. Info.:	none std02		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14613	Lims Sample ID:	4
Sublist:	chrom-NQ CONFIRMATION*sub1		
Detector:	GC 320-0003977-004-1		
Method:	\\SACChrom\ChromData\PDA1\20130418-3977.b\NQ CONFIRMATION.m		
Last Update:	19-Apr-2013 09:28:25	Calib Date:	18-Apr-2013 13:28:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130418-3977.b\320-0003977-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Synergi 4u Hydro-RP80A	Column Dia:	4.00 mm
Process Host:	XAWRK009		

First Level Reviewer: russellk Date: 19-Apr-2013 09:28:25

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.447	4.447	0.0	1219	20.9	

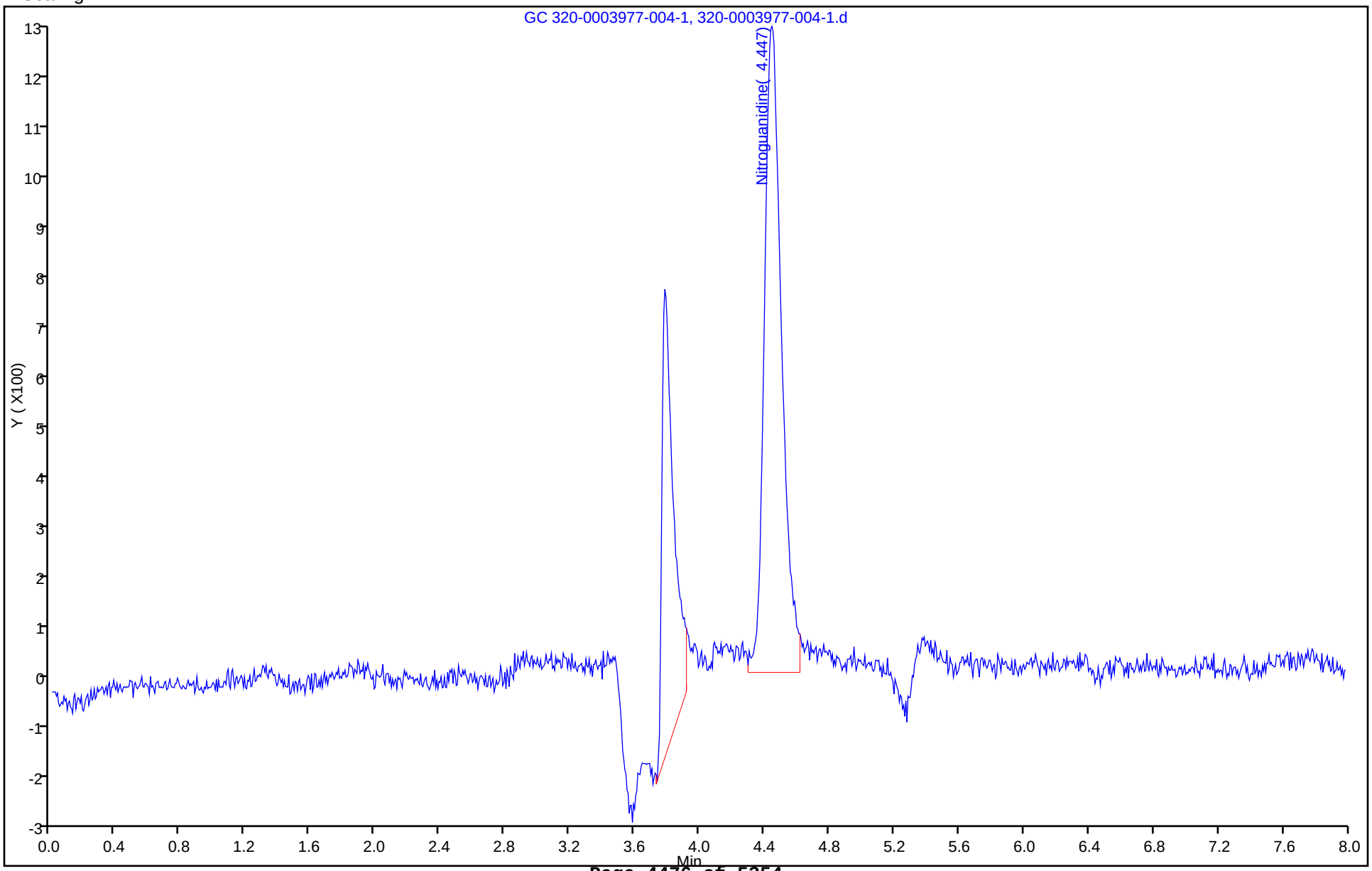
Report Date: 19-Apr-2013 09:28:26 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130418-3977.b\320-0003977-004-1.d

Injection Date:	18-Apr-2013 11:49:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	14613	Lims Sample ID:	4
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Synergi 4u Hydro-RP80A	Column Dia:	4.00 mm

Y Scaling:



TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130418-3977.b\320-0003977-005-1.d		
Lims ID:	std03	Client ID:	
Inject. Date:	18-Apr-2013 12:09:00	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	320-0003977-005 Analysis		
Misc. Info.:	none std03		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14613	Lims Sample ID:	5
Sublist:	chrom-NQ CONFIRMATION*sub1		
Detector:	GC 320-0003977-005-1		
Method:	\\SACChrom\ChromData\PDA1\20130418-3977.b\NQ CONFIRMATION.m		
Last Update:	19-Apr-2013 09:28:42	Calib Date:	18-Apr-2013 13:28:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130418-3977.b\320-0003977-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Synergi 4u Hydro-RP80A	Column Dia:	4.00 mm
Process Host:	XAWRK009		

First Level Reviewer: russellk Date: 19-Apr-2013 09:28:42

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.427	4.447	-0.020	2825	48.5	

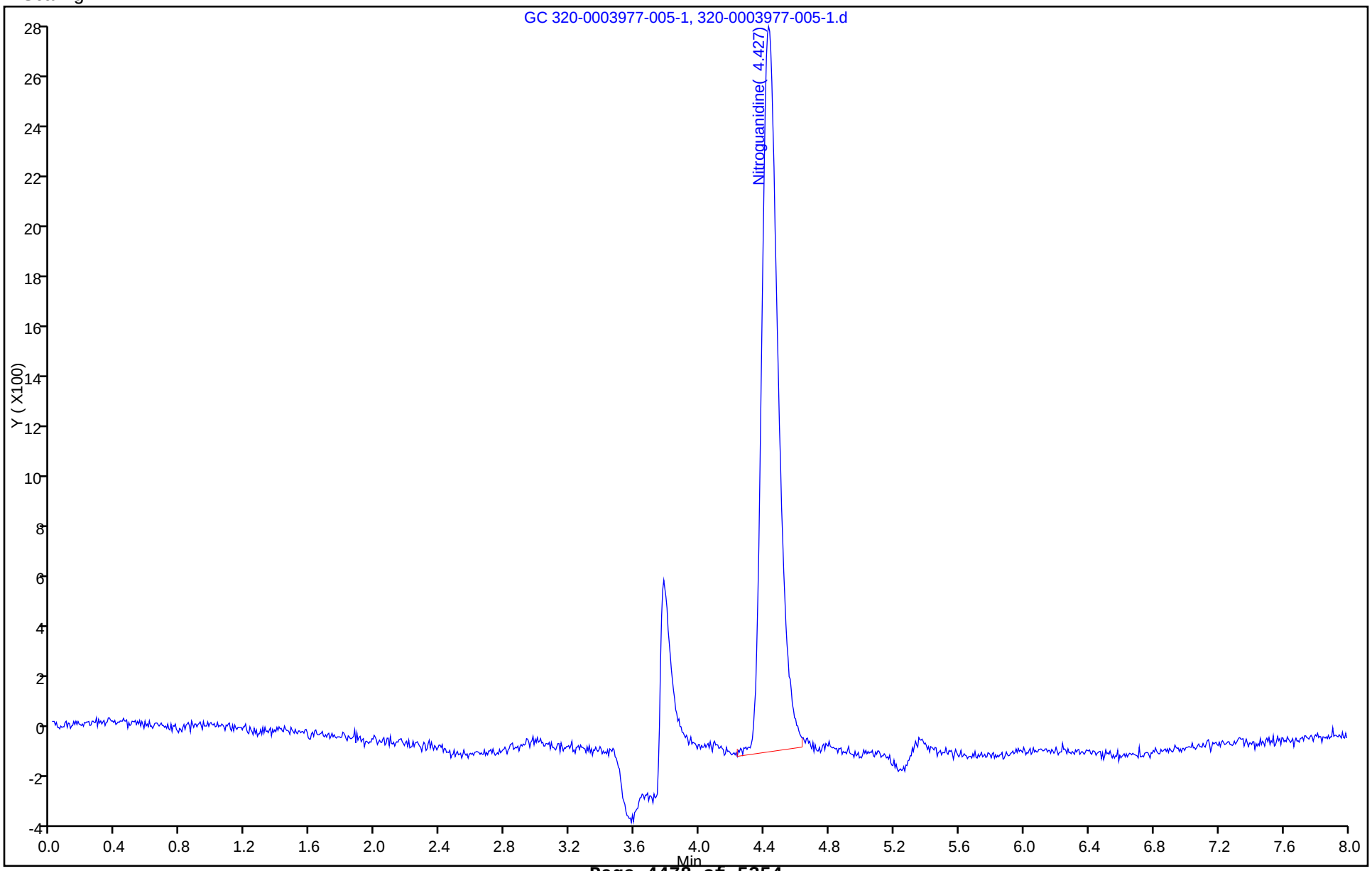
Report Date: 19-Apr-2013 09:28:42 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130418-3977.b\320-0003977-005-1.d

Injection Date:	18-Apr-2013 12:09:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	14613	Lims Sample ID:	5
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Synergi 4u Hydro-RP80A	Column Dia:	4.00 mm

Y Scaling:



TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130418-3977.b\320-0003977-006-1.d		
Lims ID:	std04	Client ID:	
Inject. Date:	18-Apr-2013 12:29:00	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	320-0003977-006 Analysis		
Misc. Info.:	none std04		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14613	Lims Sample ID:	6
Sublist:	chrom-NQ CONFIRMATION*sub1		
Detector:	GC 320-0003977-006-1		
Method:	\\SACChrom\ChromData\PDA1\20130418-3977.b\NQ CONFIRMATION.m		
Last Update:	19-Apr-2013 09:28:46	Calib Date:	18-Apr-2013 13:28:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130418-3977.b\320-0003977-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Synergi 4u Hydro-RP80A	Column Dia:	4.00 mm
Process Host:	XAWRK009		

First Level Reviewer: russellk Date: 19-Apr-2013 09:28:46

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.460	4.447	0.013	6226	106.8	

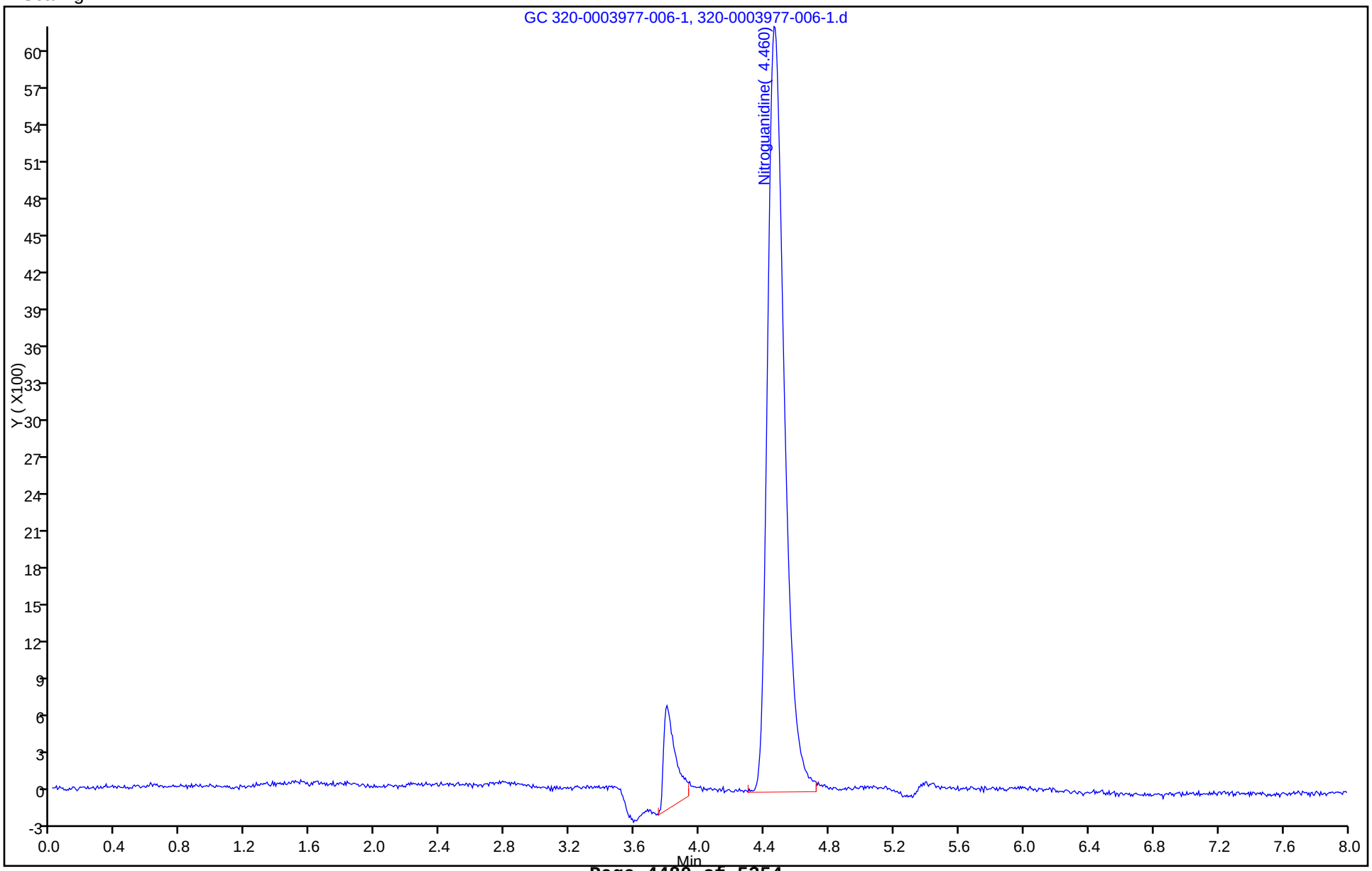
Report Date: 19-Apr-2013 09:28:46 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130418-3977.b\320-0003977-006-1.d

Injection Date:	18-Apr-2013 12:29:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	14613	Lims Sample ID:	6
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Synergi 4u Hydro-RP80A	Column Dia:	4.00 mm

Y Scaling:



TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130418-3977.b\320-0003977-007-1.d		
Lims ID:	std05	Client ID:	
Inject. Date:	18-Apr-2013 12:49:00	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	320-0003977-007 Analysis		
Misc. Info.:	none std05		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14613	Lims Sample ID:	7
Sublist:	chrom-NQ CONFIRMATION*sub1		
Detector:	GC 320-0003977-007-1		
Method:	\\SACChrom\ChromData\PDA1\20130418-3977.b\NQ CONFIRMATION.m		
Last Update:	19-Apr-2013 09:28:54	Calib Date:	18-Apr-2013 13:28:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130418-3977.b\320-0003977-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Synergi 4u Hydro-RP80A	Column Dia:	4.00 mm
Process Host:	XAWRK009		

First Level Reviewer: russellk Date: 19-Apr-2013 09:28:54

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.453	4.453	0.0	11670	200.2	

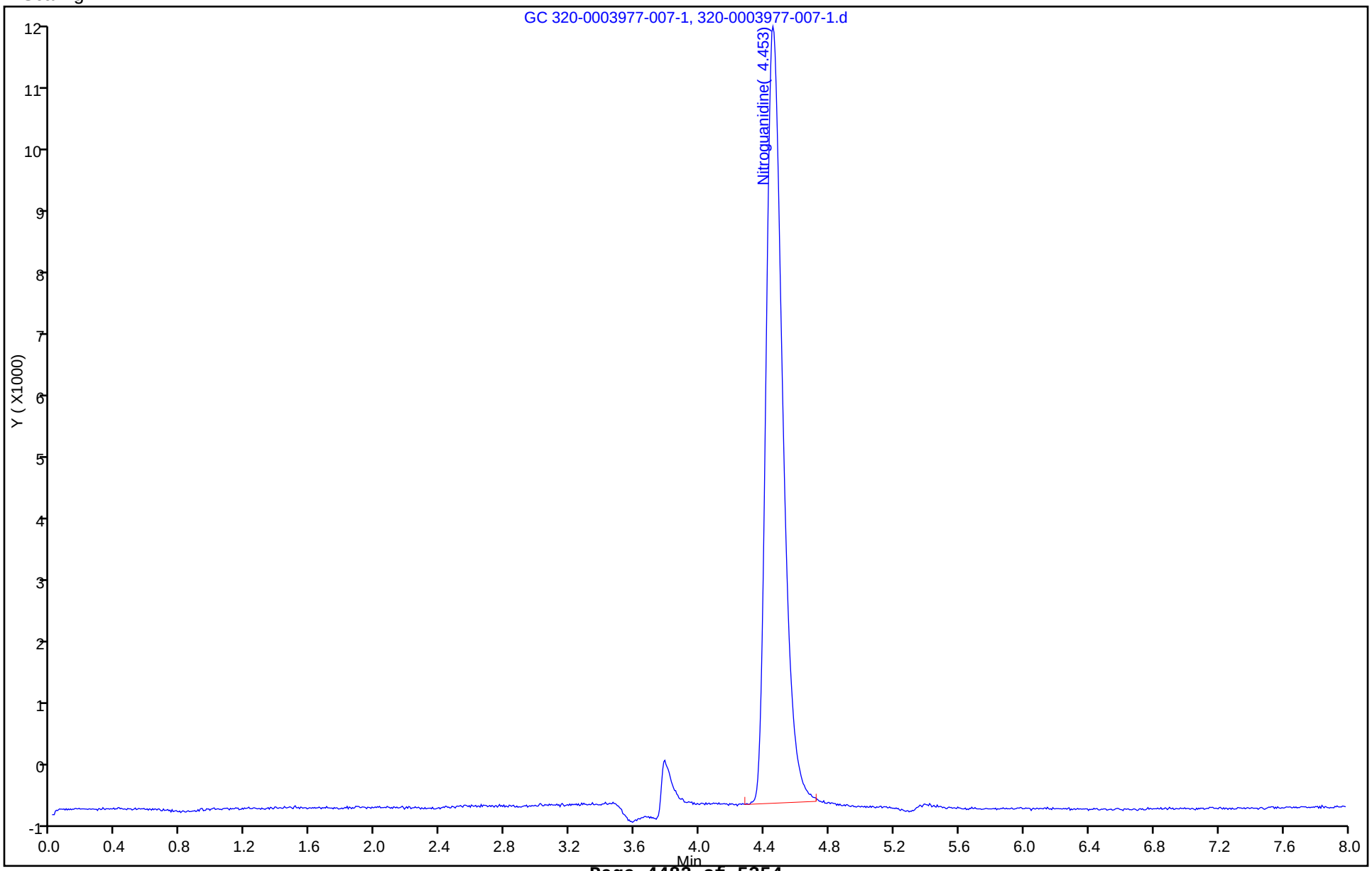
Report Date: 19-Apr-2013 09:28:54 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130418-3977.b\320-0003977-007-1.d

Injection Date:	18-Apr-2013 12:49:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	14613	Lims Sample ID:	7
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Synergi 4u Hydro-RP80A	Column Dia:	4.00 mm

Y Scaling:



TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130418-3977.b\320-0003977-008-1.d		
Lims ID:	std06	Client ID:	
Inject. Date:	18-Apr-2013 13:08:00	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	320-0003977-008 Analysis		
Misc. Info.:	none std06		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14613	Lims Sample ID:	8
Sublist:	chrom-NQ CONFIRMATION*sub1		
Detector:	GC 320-0003977-008-1		
Method:	\\SACChrom\ChromData\PDA1\20130418-3977.b\NQ CONFIRMATION.m		
Last Update:	19-Apr-2013 09:28:57	Calib Date:	18-Apr-2013 13:28:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130418-3977.b\320-0003977-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Synergi 4u Hydro-RP80A	Column Dia:	4.00 mm
Process Host:	XAWRK009		

First Level Reviewer: russellk Date: 19-Apr-2013 09:28:57

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.453	4.453	0.0	28551	489.8	

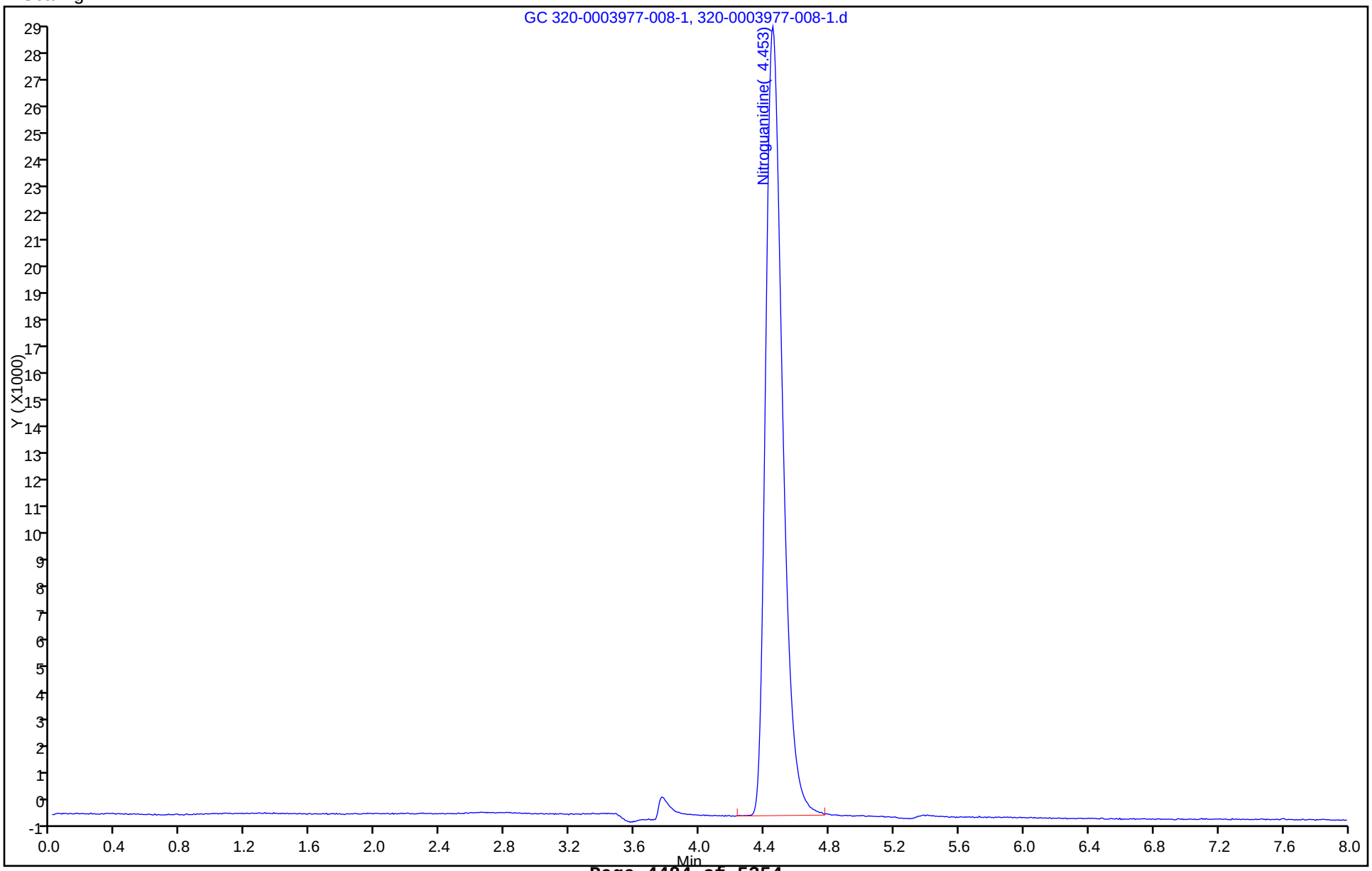
Report Date: 19-Apr-2013 09:28:57 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130418-3977.b\320-0003977-008-1.d

Injection Date:	18-Apr-2013 13:08:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	14613	Lims Sample ID:	8
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Synergi 4u Hydro-RP80A	Column Dia:	4.00 mm

Y Scaling:



TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130418-3977.b\320-0003977-009-1.d		
Lims ID:	std07	Client ID:	
Inject. Date:	18-Apr-2013 13:28:00	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	7
Sample ID:	320-0003977-009 Analysis		
Misc. Info.:	none std07		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14613	Lims Sample ID:	9
Sublist:	chrom-NQ CONFIRMATION*sub1		
Detector:	GC 320-0003977-009-1		
Method:	\\SACChrom\ChromData\PDA1\20130418-3977.b\NQ CONFIRMATION.m		
Last Update:	19-Apr-2013 09:29:00	Calib Date:	18-Apr-2013 13:28:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130418-3977.b\320-0003977-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Synergi 4u Hydro-RP80A	Column Dia:	4.00 mm
Process Host:	XAWRK009		

First Level Reviewer: russellk Date: 19-Apr-2013 09:29:00

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.440	4.453	-0.013	54601	936.7	

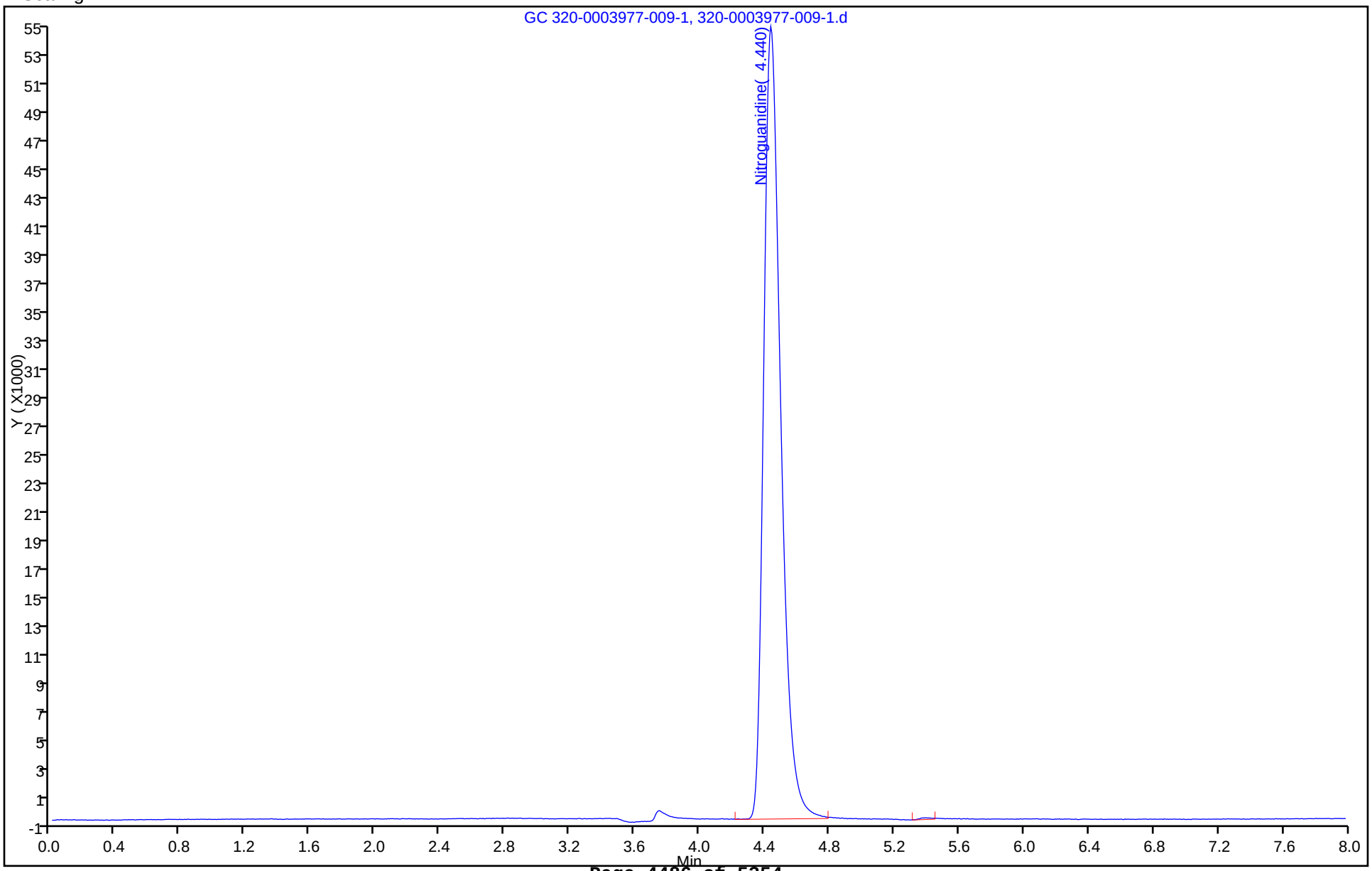
Report Date: 19-Apr-2013 09:29:00 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130418-3977.b\320-0003977-009-1.d

Injection Date:	18-Apr-2013 13:28:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	14613	Lims Sample ID:	9
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Synergi 4u Hydro-RP80A	Column Dia:	4.00 mm

Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 320-13890/11 Calibration Date: 04/09/2013 15:25

Instrument ID: PDA1 Calib Start Date: 04/09/2013 13:21

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 04/09/2013 14:50

Lab File ID: 320-0003774-011-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	40.95	39.58		193	200	-3.3	15.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 320-13890/11 Calibration Date: 04/09/2013 15:25

Instrument ID: PDA1 Calib Start Date: 04/09/2013 13:21

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 04/09/2013 14:50

Lab File ID: 320-0003774-011-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.19	3.94	4.44

Form VII 8330 Modified

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-011-1.d		
Lims ID:	icv	Client ID:	
Inject. Date:	09-Apr-2013 15:25:00	Dil. Factor:	1.0000
Sample Type:	ICV		
Sample ID:	320-0003774-011 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	13890	Lims Sample ID:	11
Sublist:			
Detector:	GC 320-0003774-011-1		
Method:	\\SACChrom\ChromData\PDA1\20130409-3774.b\NGu Primary.m		
Last Update:	10-Apr-2013 10:05:32	Calib Date:	09-Apr-2013 14:50:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK037		

First Level Reviewer: russellk Date: 10-Apr-2013 09:50:23

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.192	4.187	0.005	7916	193.3	

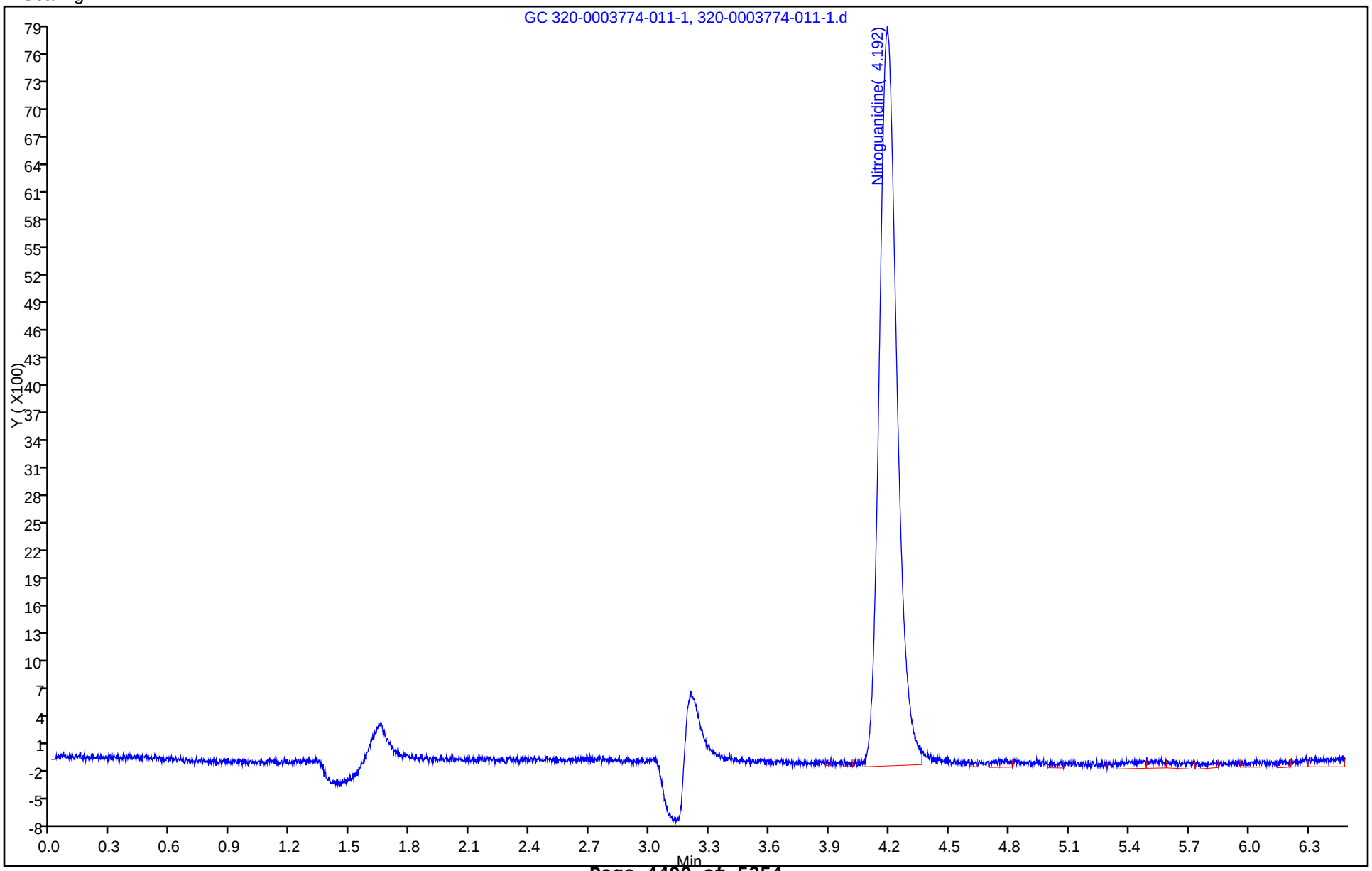
Report Date: 10-Apr-2013 10:05:33 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-011-1.d

Injection Date:	09-Apr-2013 15:25:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	13890	Lims Sample ID:	11
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: LODV 320-13890/12 Calibration Date: 04/09/2013 15:43

Instrument ID: PDA1 Calib Start Date: 04/09/2013 13:21

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 04/09/2013 14:50

Lab File ID: 320-0003774-012-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	40.95	63.40		7.74	5.00	54.8	

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: LODV 320-13890/12 Calibration Date: 04/09/2013 15:43

Instrument ID: PDA1 Calib Start Date: 04/09/2013 13:21

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 04/09/2013 14:50

Lab File ID: 320-0003774-012-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.19	3.94	4.44

Form VII 8330 Modified

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-012-1.d		
Lims ID:	LODV	Client ID:	
Inject. Date:	09-Apr-2013 15:43:00	Dil. Factor:	1.0000
Sample Type:	LODV		
Sample ID:	320-0003774-012 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	13890	Lims Sample ID:	12
Detector:	GC 320-0003774-012-1		
Method:	\\SACChrom\ChromData\PDA1\20130409-3774.b\NGu Primary.m		
Last Update:	10-Apr-2013 10:05:32	Calib Date:	09-Apr-2013 14:50:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK037		

First Level Reviewer: russellk Date: 10-Apr-2013 09:28:29

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					M
4.193	4.187	0.006	317	7.74	M

QC Flag Legend

Review Flags
M - Manually Integrated

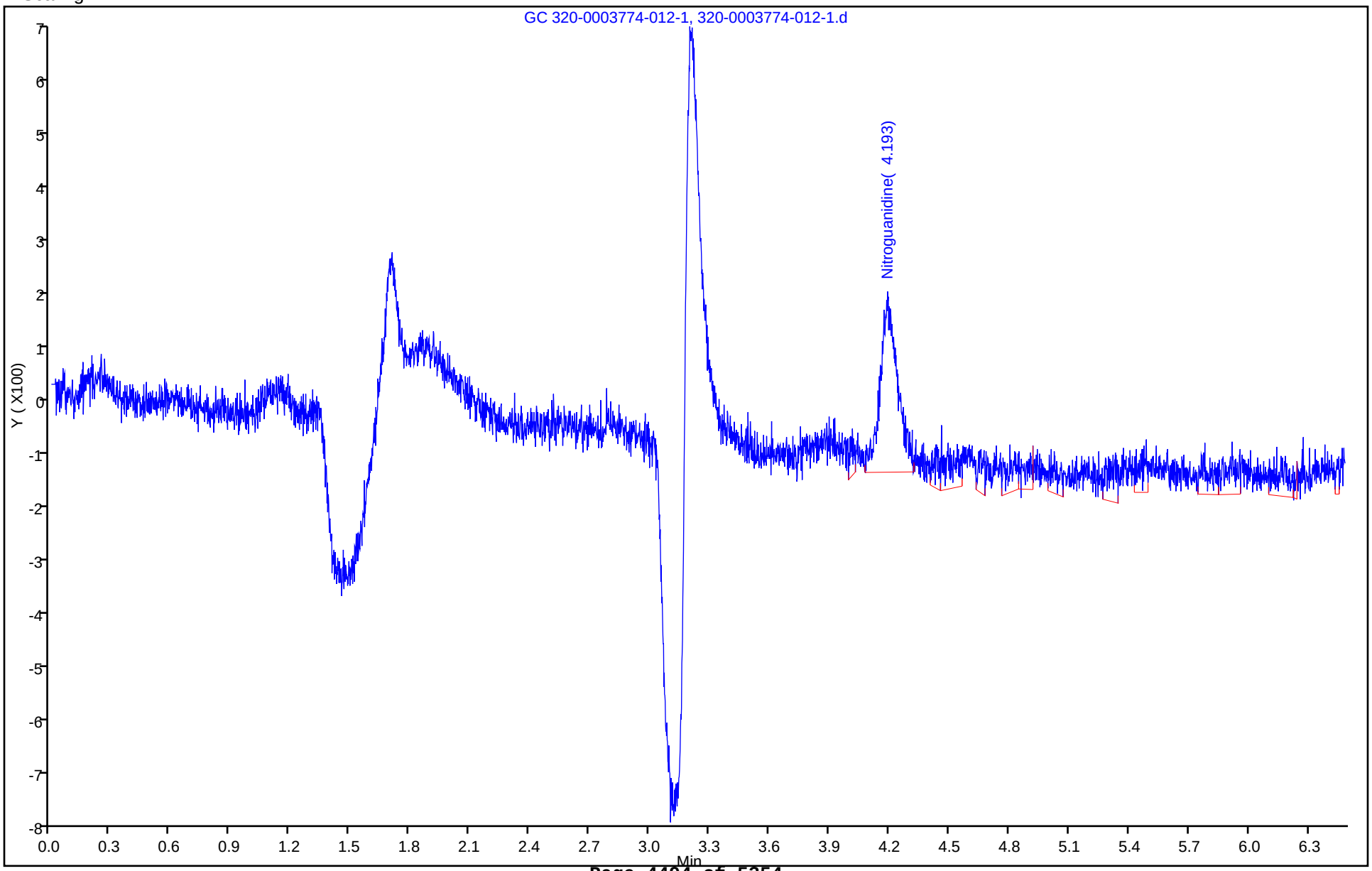
Report Date: 10-Apr-2013 10:05:33 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-012-1.d

Injection Date:	09-Apr-2013 15:43:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	13890	Lims Sample ID:	12
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



Report Date: 10-Apr-2013 10:05:33 Chrom Revision: 2.1 07-Apr-2013 20:36:54

Manual Integration/User Assign Peak Report

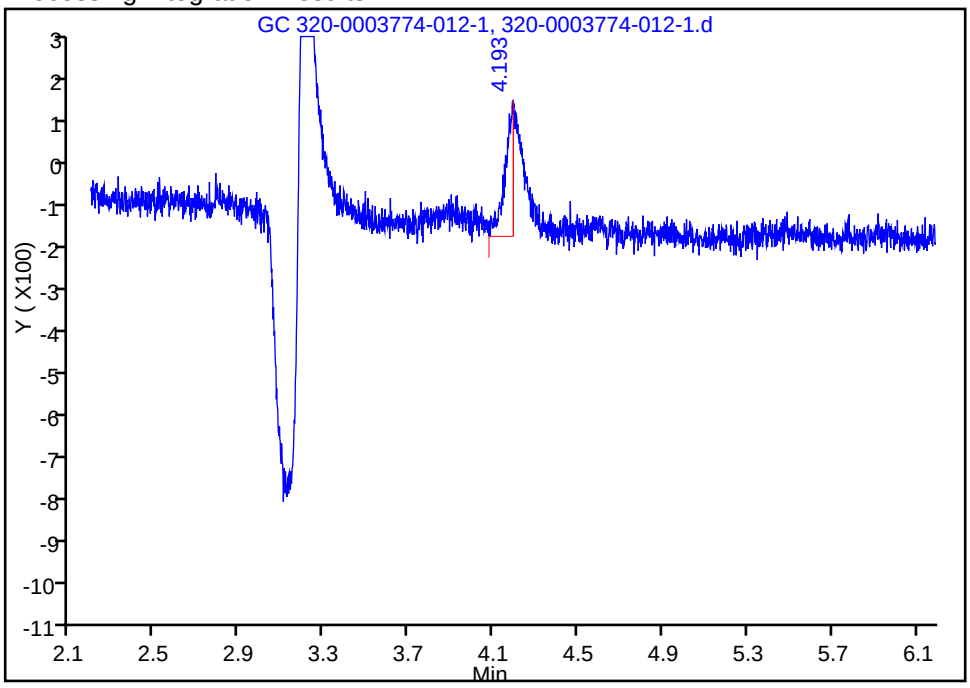
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-012-1.d		
Injection Date:	09-Apr-2013 15:43:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	13890	Lims Sample ID:	12
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

1 Nitroguanidine, Signal: 1, Type: quant, RT: 4.19

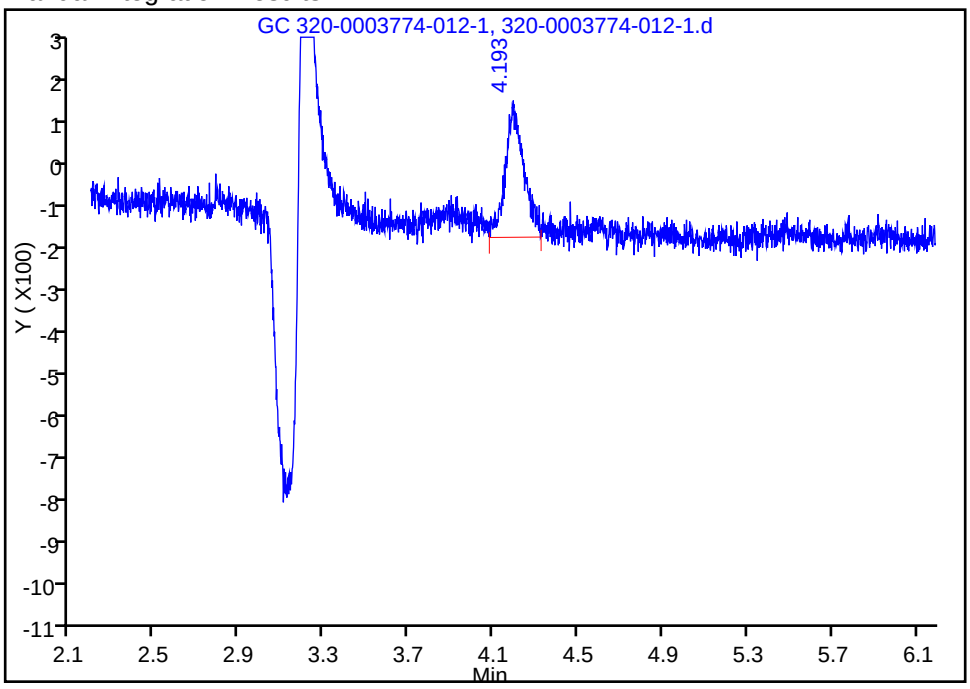
Processing Integration Results

RT: 4.19
Response: 317
Amount: 7.740833



Manual Integration Results

RT: 4.19
Response: 317
Amount: 7.740833



Reviewer: russellk, 10-Apr-2013 09:44:08
Audit Action: Manually Integrated
Audit Reason: Split Peak

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCVL 320-13890/13 Calibration Date: 04/09/2013 16:01

Instrument ID: PDA1 Calib Start Date: 04/09/2013 13:21

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 04/09/2013 14:50

Lab File ID: 320-0003774-013-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	40.95	45.95		22.4	20.0	12.2	30.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCVL 320-13890/13 Calibration Date: 04/09/2013 16:01

Instrument ID: PDA1 Calib Start Date: 04/09/2013 13:21

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 04/09/2013 14:50

Lab File ID: 320-0003774-013-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.19	3.94	4.44

Form VII 8330 Modified

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-013-1.d		
Lims ID:	CCVL	Client ID:	
Inject. Date:	09-Apr-2013 16:01:00	Dil. Factor:	1.0000
Sample Type:	CCVL		
Sample ID:	320-0003774-013 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	13890	Lims Sample ID:	13
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0003774-013-1		
Method:	\\SACChrom\ChromData\PDA1\20130409-3774.b\NGu Primary.m		
Last Update:	10-Apr-2013 10:05:36	Calib Date:	09-Apr-2013 14:50:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK037		

First Level Reviewer: noonanr Date: 10-Apr-2013 10:05:12

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.192	4.192	0.0	919	22.4	

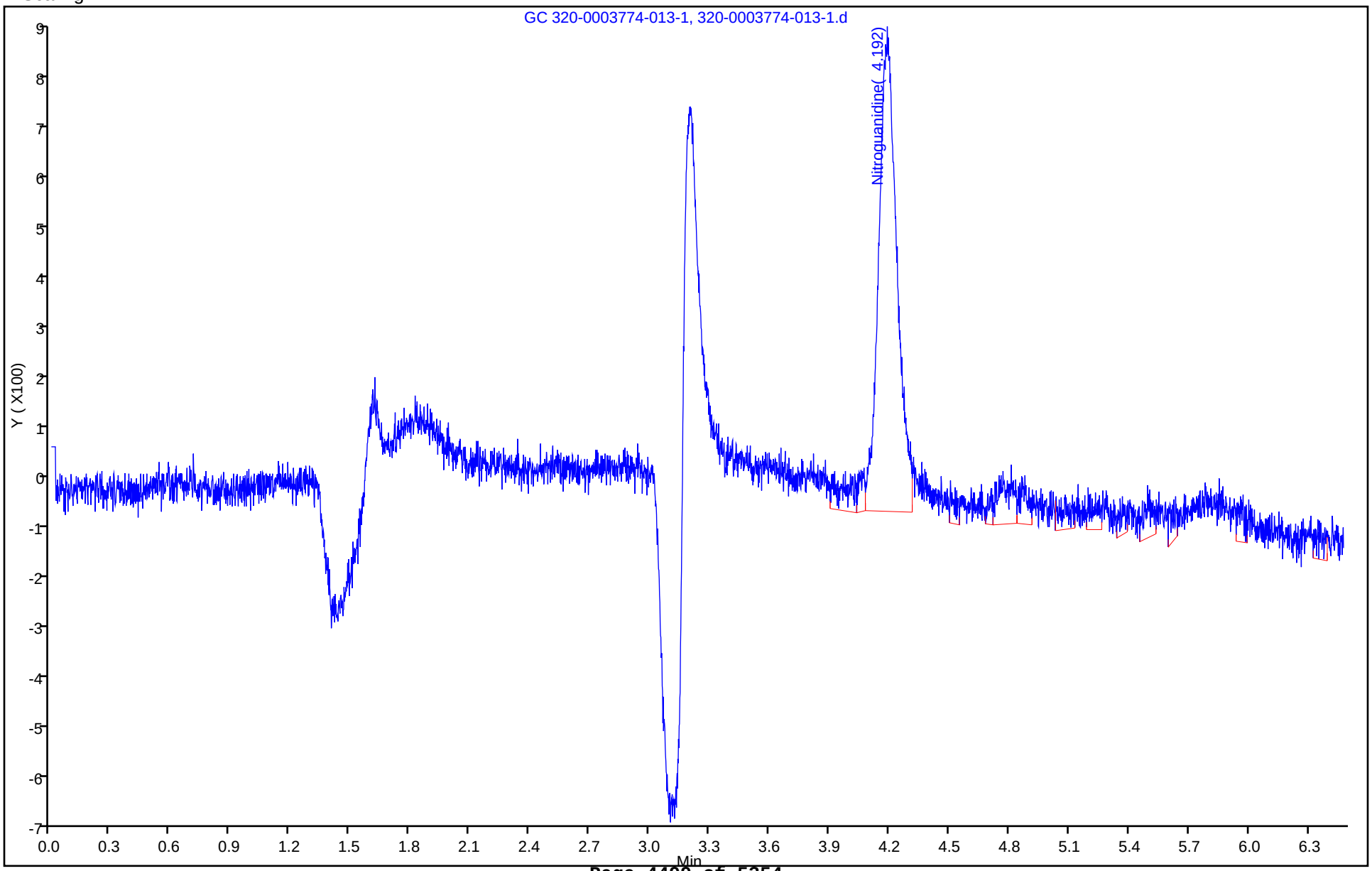
Report Date: 10-Apr-2013 10:05:36 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-013-1.d

Injection Date:	09-Apr-2013 16:01:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	13890	Lims Sample ID:	13
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 320-13918/33 Calibration Date: 04/10/2013 01:46

Instrument ID: PDA1 Calib Start Date: 04/09/2013 13:21

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 04/09/2013 14:50

Lab File ID: 320-0003783-033-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	40.95	44.10		108	100	7.7	15.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 320-13918/33 Calibration Date: 04/10/2013 01:46

Instrument ID: PDA1 Calib Start Date: 04/09/2013 13:21

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 04/09/2013 14:50

Lab File ID: 320-0003783-033-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.18	3.93	4.43

Form VII 8330 Modified

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130409-3783.b\320-0003783-033-1.d		
Lims ID:	CCV 04	Client ID:	
Inject. Date:	10-Apr-2013 01:46:00	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	320-0003783-033 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	13918	Lims Sample ID:	33
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0003783-033-1		
Method:	\\SACChrom\ChromData\PDA1\20130409-3783.b\NGu Primary.m		
Last Update:	10-Apr-2013 11:08:18	Calib Date:	09-Apr-2013 14:50:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK020		

First Level Reviewer: russellk Date: 10-Apr-2013 11:08:18

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.178	4.178	0.0	4410	107.7	

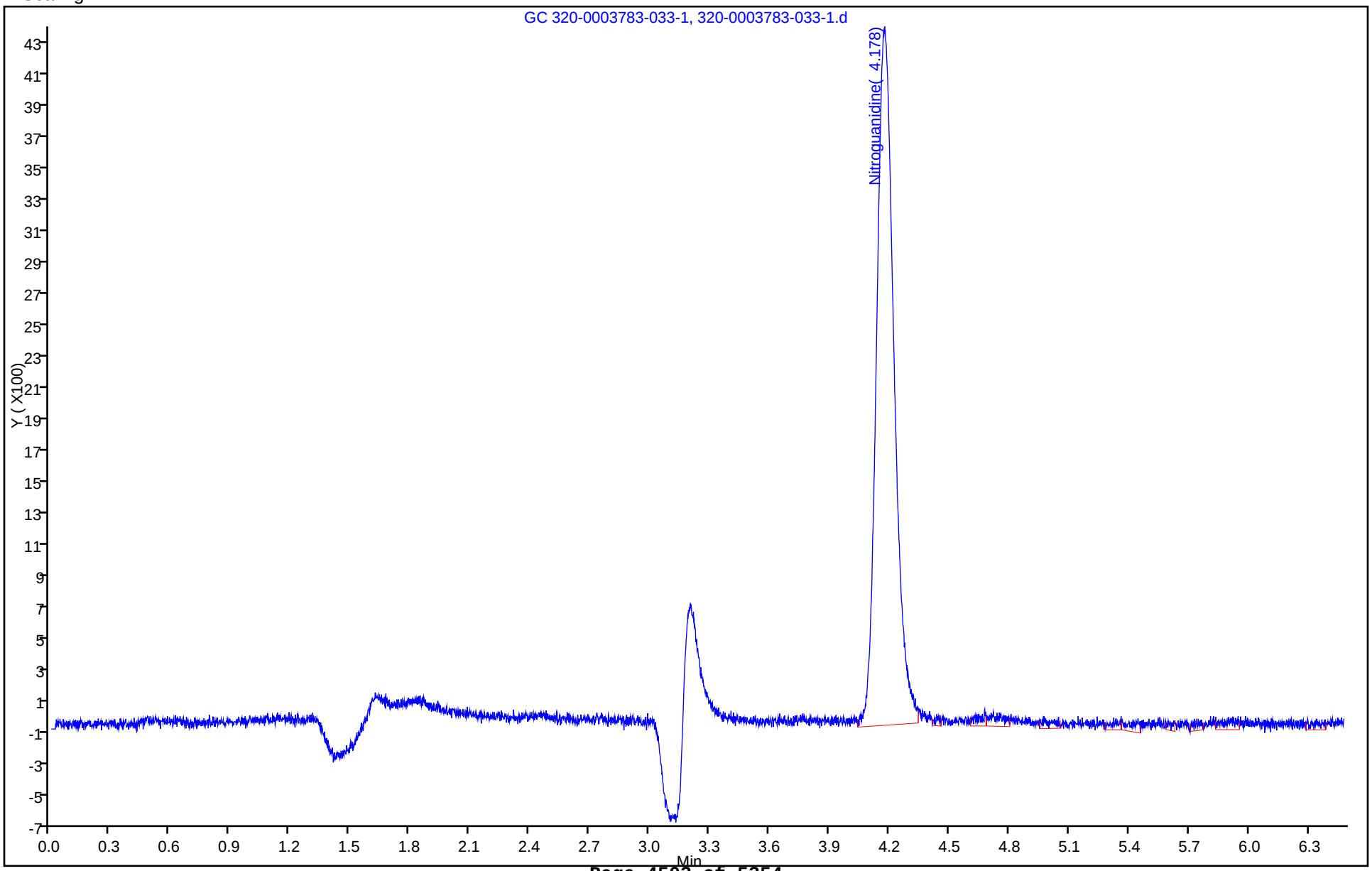
Report Date: 10-Apr-2013 11:08:18 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130409-3783.b\320-0003783-033-1.d

Injection Date:	10-Apr-2013 01:46:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	13918	Lims Sample ID:	33
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 320-13918/45 Calibration Date: 04/10/2013 05:19

Instrument ID: PDA1 Calib Start Date: 04/09/2013 13:21

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 04/09/2013 14:50

Lab File ID: 320-0003783-045-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	40.95	43.89		107	100	7.2	15.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 320-13918/45 Calibration Date: 04/10/2013 05:19

Instrument ID: PDA1 Calib Start Date: 04/09/2013 13:21

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 04/09/2013 14:50

Lab File ID: 320-0003783-045-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.20	3.95	4.45

Form VII 8330 Modified

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130409-3783.b\320-0003783-045-1.d		
Lims ID:	CCV 04	Client ID:	
Inject. Date:	10-Apr-2013 05:19:00	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	320-0003783-045 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	13918	Lims Sample ID:	45
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0003783-045-1		
Method:	\\SACChrom\ChromData\PDA1\20130409-3783.b\NGu Primary.m		
Last Update:	10-Apr-2013 11:11:14	Calib Date:	09-Apr-2013 14:50:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK020		

First Level Reviewer: russellk Date: 10-Apr-2013 11:11:14

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.203	4.203	0.0	4389	107.2	

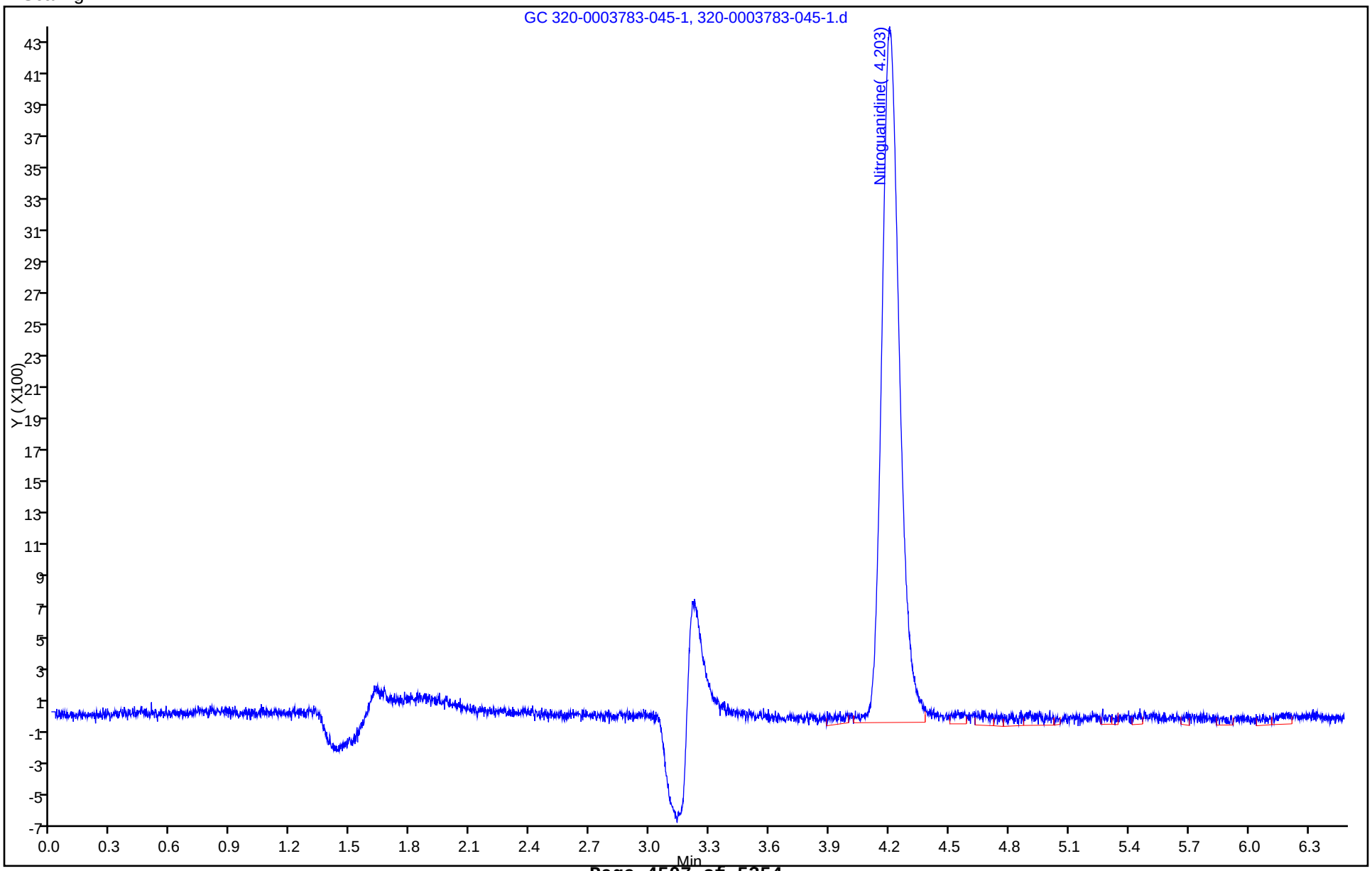
Report Date: 10-Apr-2013 11:11:14 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130409-3783.b\320-0003783-045-1.d

Injection Date:	10-Apr-2013 05:19:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	13918	Lims Sample ID:	45
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 320-13918/56 Calibration Date: 04/10/2013 08:34

Instrument ID: PDA1 Calib Start Date: 04/09/2013 13:21

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 04/09/2013 14:50

Lab File ID: 320-0003783-056-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	40.95	43.79		107	100	6.9	15.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 320-13918/56 Calibration Date: 04/10/2013 08:34

Instrument ID: PDA1 Calib Start Date: 04/09/2013 13:21

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 04/09/2013 14:50

Lab File ID: 320-0003783-056-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.17	3.92	4.42

Form VII 8330 Modified

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130409-3783.b\320-0003783-056-1.d		
Lims ID:	CCV 04	Client ID:	
Inject. Date:	10-Apr-2013 08:34:00	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	320-0003783-056 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	13918	Lims Sample ID:	56
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0003783-056-1		
Method:	\\SACChrom\ChromData\PDA1\20130409-3783.b\NGu Primary.m		
Last Update:	10-Apr-2013 11:13:30	Calib Date:	09-Apr-2013 14:50:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK020		

First Level Reviewer: russellk Date: 10-Apr-2013 11:13:30

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.173	4.173	0.0	4379	106.9	

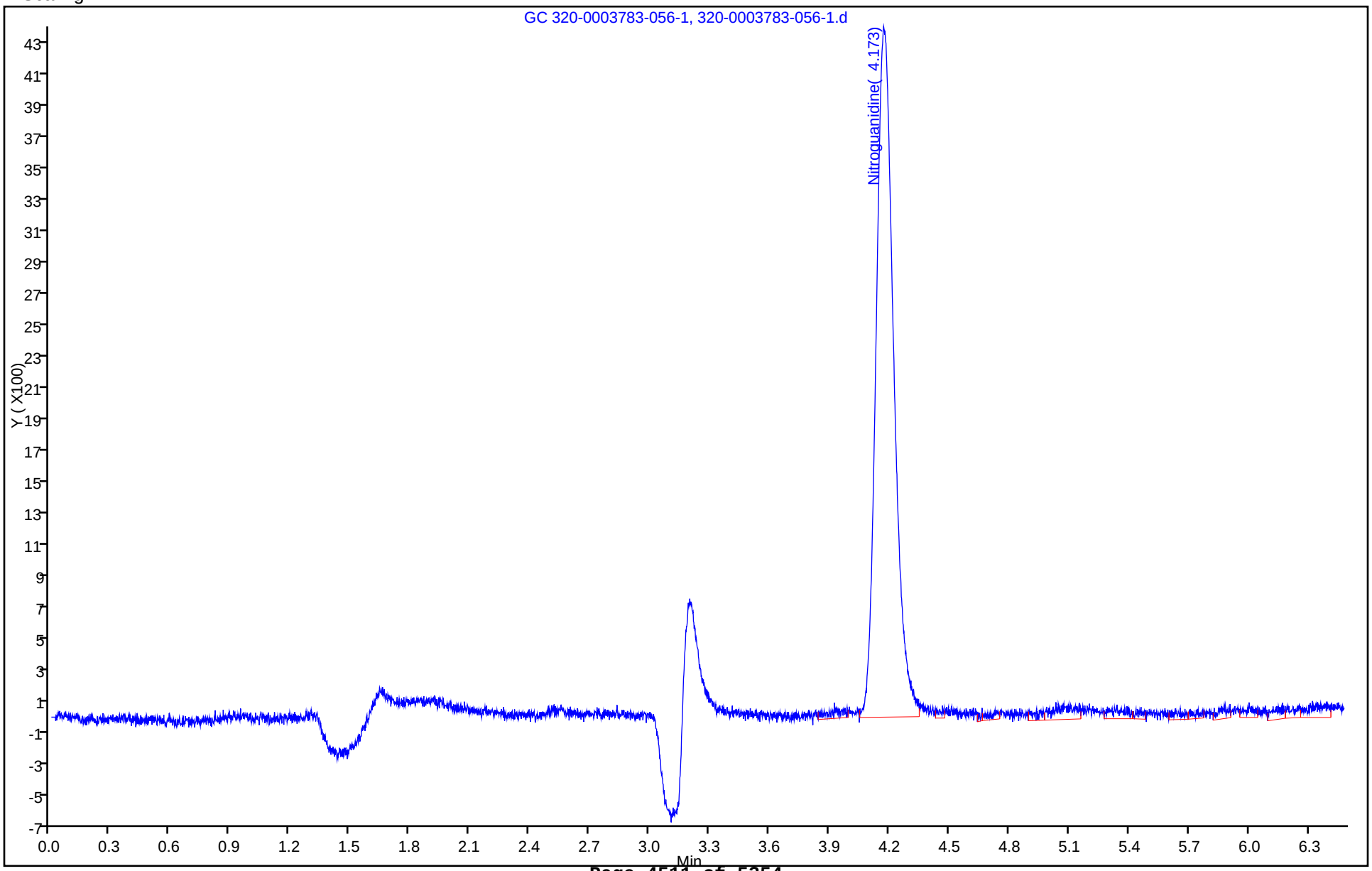
Report Date: 10-Apr-2013 11:13:31 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130409-3783.b\320-0003783-056-1.d

Injection Date:	10-Apr-2013 08:34:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	13918	Lims Sample ID:	56
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCVL 320-13918/73 Calibration Date: 04/10/2013 13:36

Instrument ID: PDA1 Calib Start Date: 04/09/2013 13:21

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 04/09/2013 14:50

Lab File ID: 320-0003783-073-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	40.95	45.05		22.0	20.0	10.0	30.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCVL 320-13918/73 Calibration Date: 04/10/2013 13:36

Instrument ID: PDA1 Calib Start Date: 04/09/2013 13:21

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 04/09/2013 14:50

Lab File ID: 320-0003783-073-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.19	3.94	4.44

Form VII 8330 Modified

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130409-3783.b\320-0003783-073-1.d		
Lims ID:	CCVL	Client ID:	
Inject. Date:	10-Apr-2013 13:36:00	Dil. Factor:	1.0000
Sample Type:	CCVL		
Sample ID:	320-0003783-073 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	13918	Lims Sample ID:	73
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0003783-073-1		
Method:	\\SACChrom\ChromData\PDA1\20130409-3783.b\NGu Primary.m		
Last Update:	10-Apr-2013 15:54:55	Calib Date:	09-Apr-2013 14:50:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK020		
First Level Reviewer: russellk		Date:	10-Apr-2013 15:54:17

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.187	4.187	0.0	901	22.0	

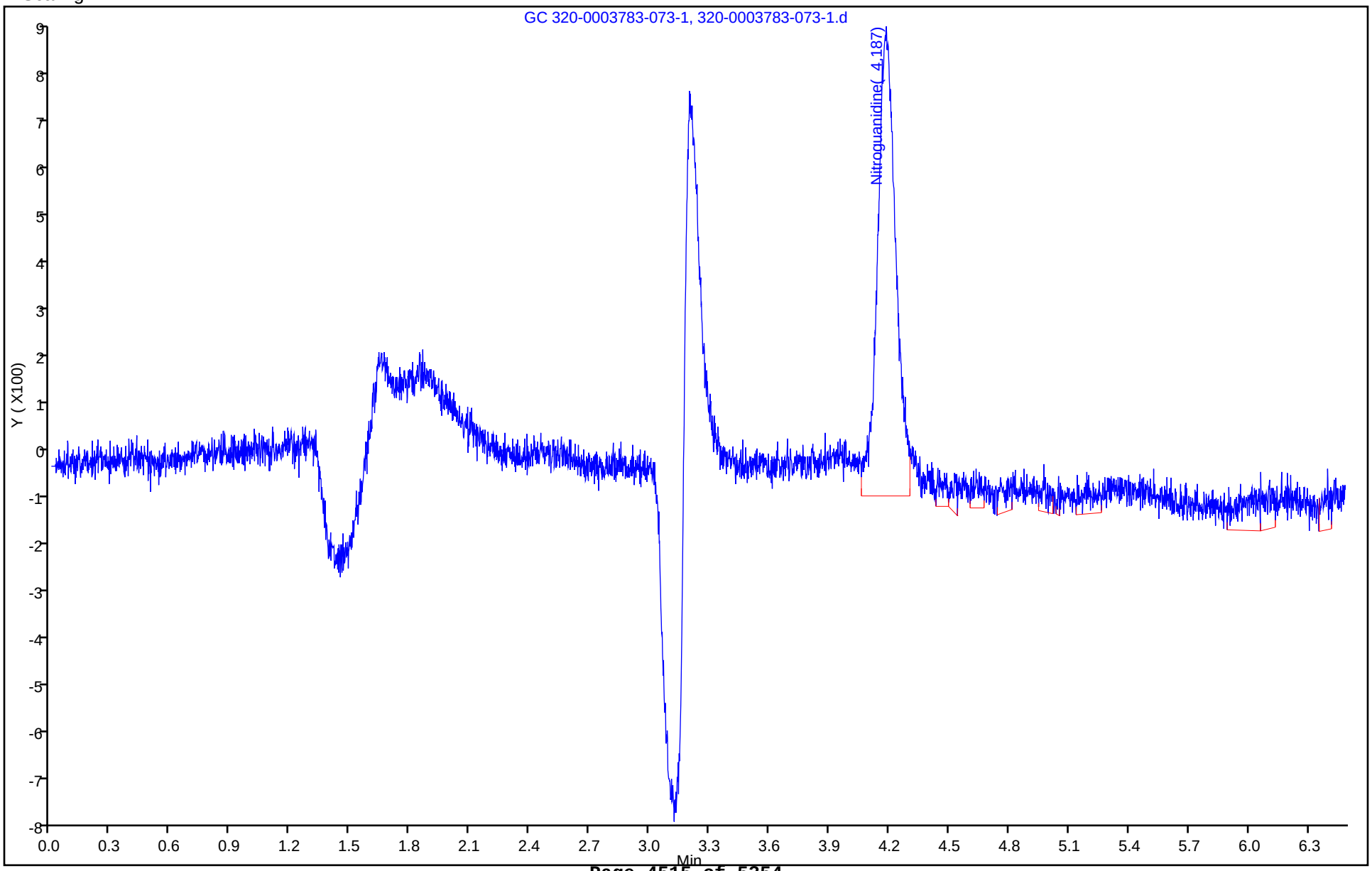
Report Date: 10-Apr-2013 15:54:55 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130409-3783.b\320-0003783-073-1.d

Injection Date:	10-Apr-2013 13:36:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	13918	Lims Sample ID:	73
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCVL 320-14432/4 Calibration Date: 04/16/2013 13:16

Instrument ID: PDA1 Calib Start Date: 04/09/2013 13:21

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 04/09/2013 14:50

Lab File ID: 320-0003925-004-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	40.95	42.85		20.9	20.0	4.6	30.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCVL 320-14432/4 Calibration Date: 04/16/2013 13:16

Instrument ID: PDA1 Calib Start Date: 04/09/2013 13:21

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 04/09/2013 14:50

Lab File ID: 320-0003925-004-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.22	3.97	4.47

Form VII 8330 Modified

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-004-1.d		
Lims ID:	CCVL	Client ID:	
Inject. Date:	16-Apr-2013 13:16:00	Dil. Factor:	1.0000
Sample Type:	CCVL		
Sample ID:	320-0003925-004 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14432	Lims Sample ID:	4
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0003925-004-1		
Method:	\\SACChrom\ChromData\PDA1\20130416-3925.b\NGu Primary.m		
Last Update:	16-Apr-2013 16:06:02	Calib Date:	09-Apr-2013 14:50:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK022		
First Level Reviewer: russellk		Date:	16-Apr-2013 13:38:13

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.223	4.223	0.0	857	20.9	

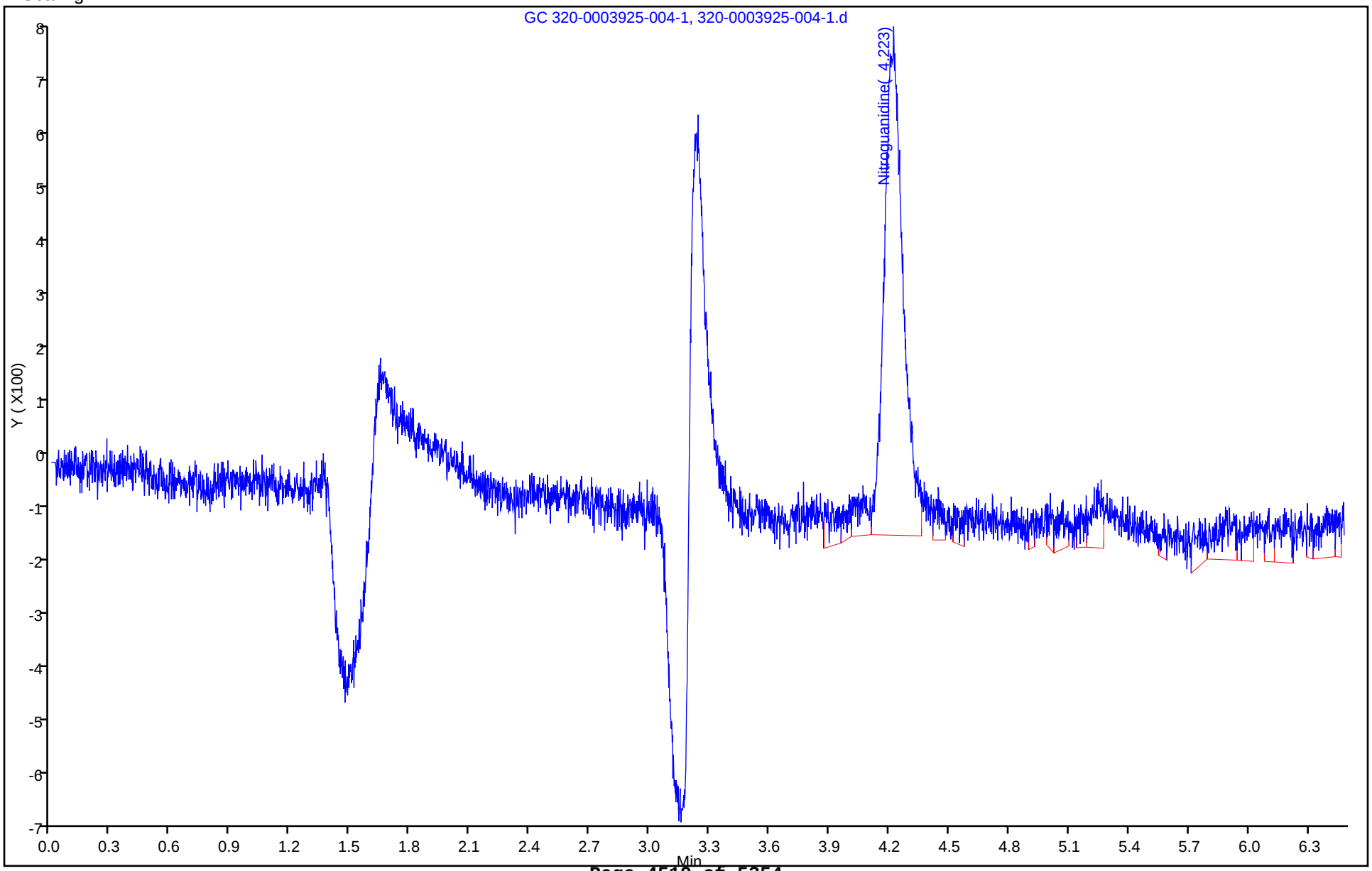
Report Date: 16-Apr-2013 16:06:03 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-004-1.d

Injection Date:	16-Apr-2013 13:16:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	14432	Lims Sample ID:	4
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 320-14432/15 Calibration Date: 04/16/2013 16:31

Instrument ID: PDA1 Calib Start Date: 04/09/2013 13:21

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 04/09/2013 14:50

Lab File ID: 320-0003925-015-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	40.95	41.96		102	100	2.5	15.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 320-14432/15 Calibration Date: 04/16/2013 16:31

Instrument ID: PDA1 Calib Start Date: 04/09/2013 13:21

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 04/09/2013 14:50

Lab File ID: 320-0003925-015-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.23	3.98	4.48

Form VII 8330 Modified

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-015-1.d		
Lims ID:	CCV 04	Client ID:	
Inject. Date:	16-Apr-2013 16:31:00	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	320-0003925-015 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14432	Lims Sample ID:	15
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0003925-015-1		
Method:	\\SACChrom\ChromData\PDA1\20130416-3925.b\NGu Primary.m		
Last Update:	16-Apr-2013 16:45:19	Calib Date:	09-Apr-2013 14:50:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK022		
First Level Reviewer: russellk		Date:	16-Apr-2013 16:45:19

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.228	4.228	0.0	4196	102.5	

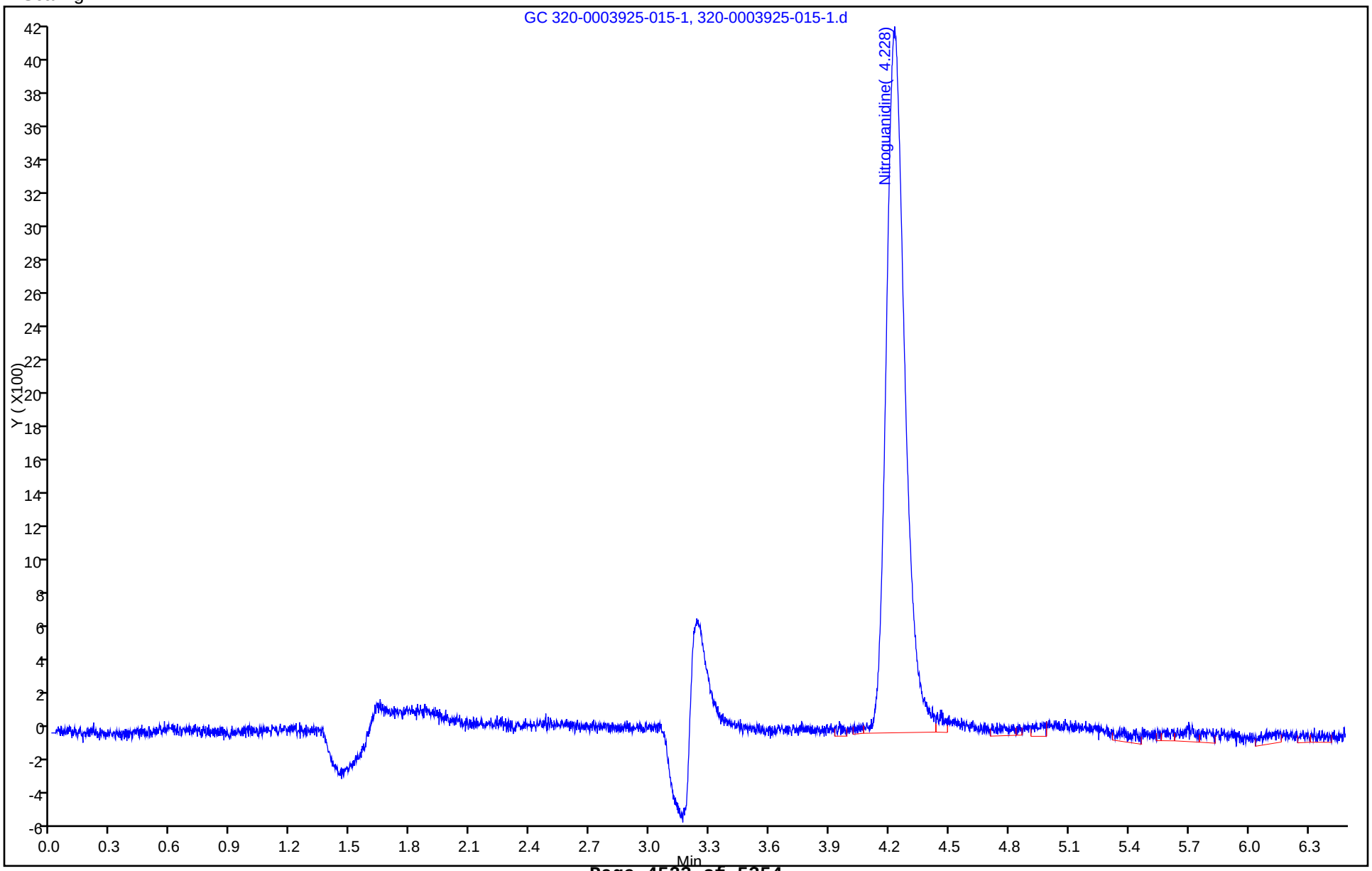
Report Date: 16-Apr-2013 16:45:19 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-015-1.d

Injection Date:	16-Apr-2013 16:31:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	14432	Lims Sample ID:	15
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 320-14432/26 Calibration Date: 04/16/2013 19:46

Instrument ID: PDA1 Calib Start Date: 04/09/2013 13:21

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 04/09/2013 14:50

Lab File ID: 320-0003925-026-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	40.95	41.78		102	100	2.0	15.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 320-14432/26 Calibration Date: 04/16/2013 19:46

Instrument ID: PDA1 Calib Start Date: 04/09/2013 13:21

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 04/09/2013 14:50

Lab File ID: 320-0003925-026-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.21	3.96	4.46

Form VII 8330 Modified

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-026-1.d		
Lims ID:	CCV 04	Client ID:	
Inject. Date:	16-Apr-2013 19:46:00	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	320-0003925-026 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14432	Lims Sample ID:	26
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0003925-026-1		
Method:	\\SACChrom\ChromData\PDA1\20130416-3925.b\NGu Primary.m		
Last Update:	17-Apr-2013 09:35:35	Calib Date:	09-Apr-2013 14:50:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: russellk Date: 17-Apr-2013 09:35:35

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.205	4.205	0.0	4178	102.0	

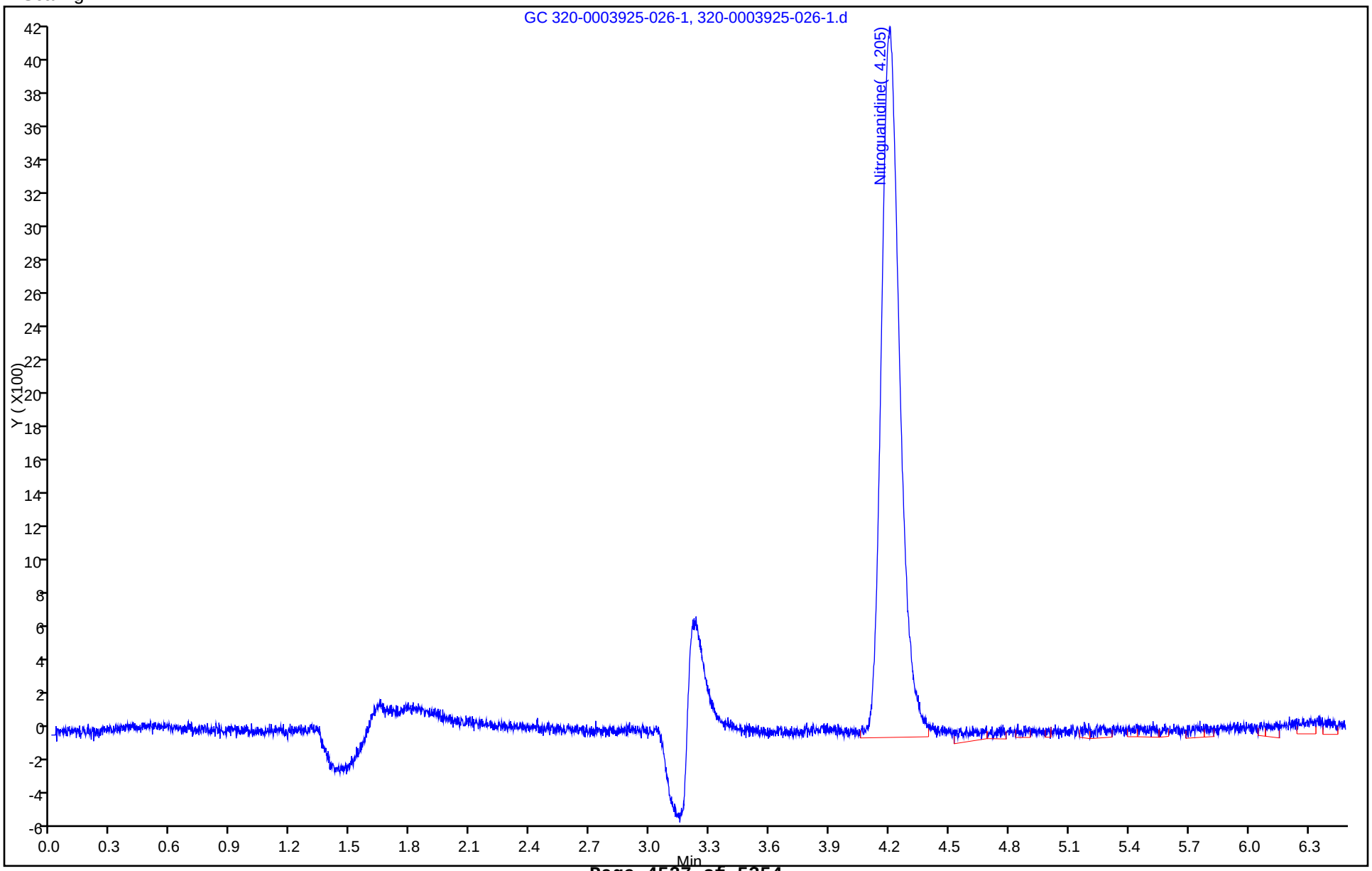
Report Date: 17-Apr-2013 09:35:35 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-026-1.d

Injection Date:	16-Apr-2013 19:46:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	14432	Lims Sample ID:	26
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 320-14432/35 Calibration Date: 04/16/2013 22:26

Instrument ID: PDA1 Calib Start Date: 04/09/2013 13:21

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 04/09/2013 14:50

Lab File ID: 320-0003925-035-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	40.95	41.95		102	100	2.4	15.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 320-14432/35 Calibration Date: 04/16/2013 22:26

Instrument ID: PDA1 Calib Start Date: 04/09/2013 13:21

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 04/09/2013 14:50

Lab File ID: 320-0003925-035-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.22	3.97	4.47

Form VII 8330 Modified

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-035-1.d		
Lims ID:	CCV 04	Client ID:	
Inject. Date:	16-Apr-2013 22:26:00	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	320-0003925-035 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14432	Lims Sample ID:	35
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0003925-035-1		
Method:	\\SACChrom\ChromData\PDA1\20130416-3925.b\NGu Primary.m		
Last Update:	17-Apr-2013 09:40:27	Calib Date:	09-Apr-2013 14:50:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.215	4.215	0.0	4195	102.4	

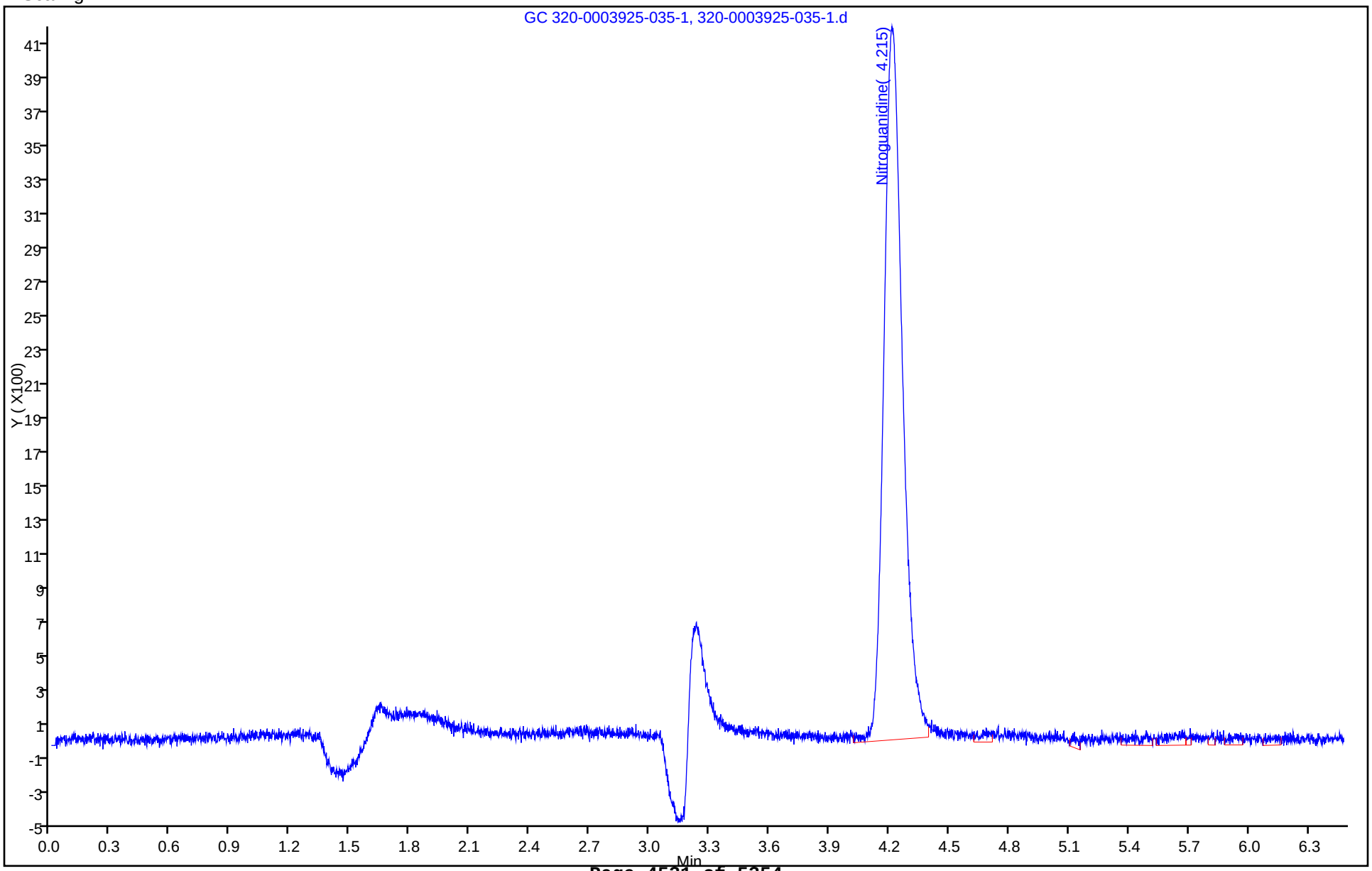
Report Date: 17-Apr-2013 09:40:27 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-035-1.d

Injection Date:	16-Apr-2013 22:26:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	14432	Lims Sample ID:	35
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCVL 320-14432/36 Calibration Date: 04/16/2013 22:44

Instrument ID: PDA1 Calib Start Date: 04/09/2013 13:21

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 04/09/2013 14:50

Lab File ID: 320-0003925-036-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	40.95	41.70		20.4	20.0	1.8	30.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCVL 320-14432/36 Calibration Date: 04/16/2013 22:44

Instrument ID: PDA1 Calib Start Date: 04/09/2013 13:21

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 04/09/2013 14:50

Lab File ID: 320-0003925-036-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.21	3.96	4.46

Form VII 8330 Modified

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-036-1.d		
Lims ID:	CCVL	Client ID:	
Inject. Date:	16-Apr-2013 22:44:00	Dil. Factor:	1.0000
Sample Type:	CCVL		
Sample ID:	320-0003925-036 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14432	Lims Sample ID:	36
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0003925-036-1		
Method:	\\SACChrom\ChromData\PDA1\20130416-3925.b\NGu Primary.m		
Last Update:	17-Apr-2013 09:40:11	Calib Date:	09-Apr-2013 14:50:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		
First Level Reviewer: russellk		Date:	17-Apr-2013 09:39:13

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.208	4.208	0.0	834	20.4	

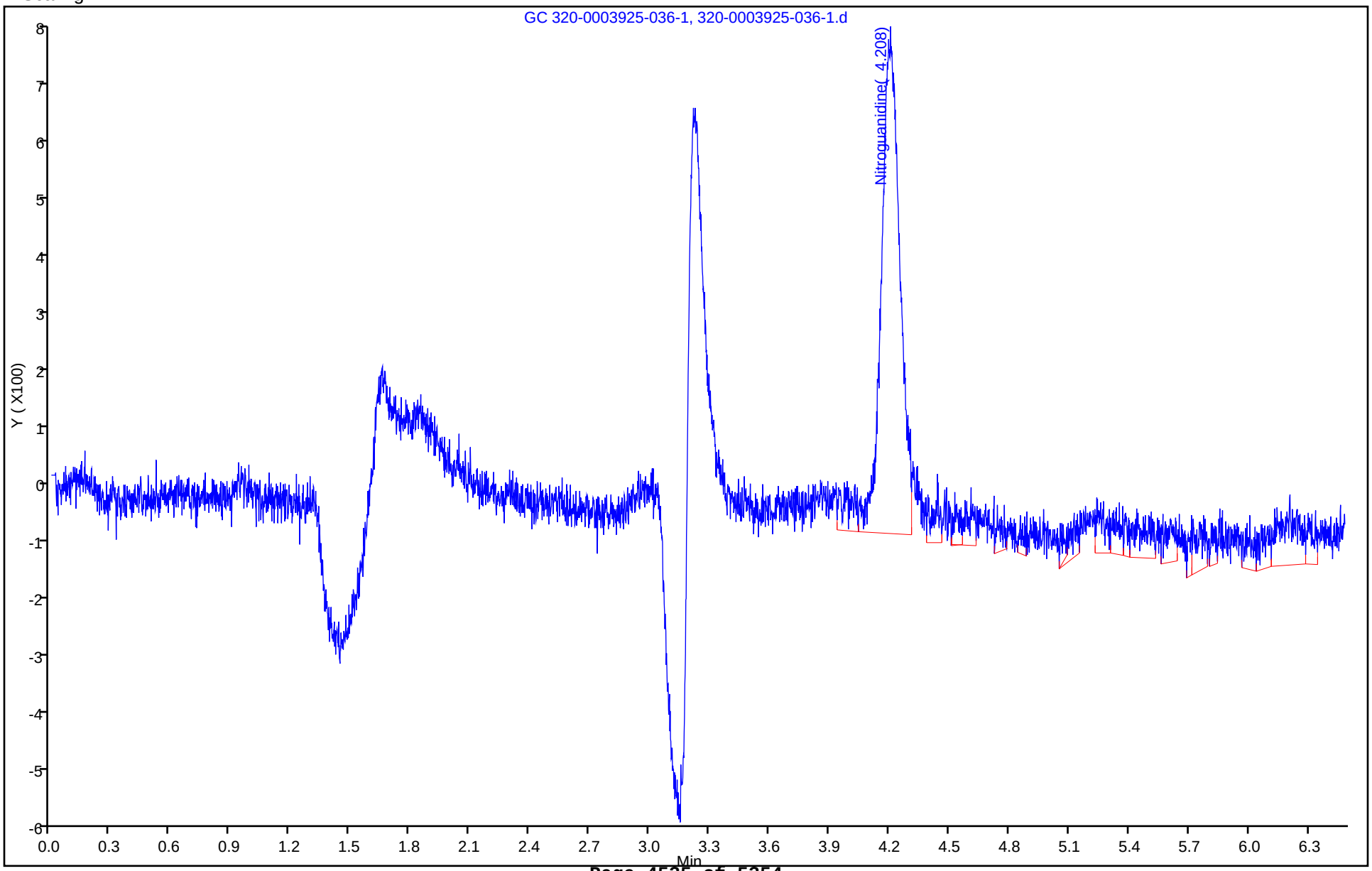
Report Date: 17-Apr-2013 09:40:12 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-036-1.d

Injection Date:	16-Apr-2013 22:44:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	14432	Lims Sample ID:	36
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 320-14613/11 Calibration Date: 04/18/2013 14:08

Instrument ID: PDA1 Calib Start Date: 04/18/2013 11:49

GC Column: Hydro RP80A 4 ID: 4.00(mm) Calib End Date: 04/18/2013 13:28

Lab File ID: 320-0003977-011-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	58.29	57.81		198	200	-0.8	15.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 320-14613/11 Calibration Date: 04/18/2013 14:08

Instrument ID: PDA1 Calib Start Date: 04/18/2013 11:49

GC Column: Hydro RP80A 4 ID: 4.00(mm) Calib End Date: 04/18/2013 13:28

Lab File ID: 320-0003977-011-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.43	4.20	4.70

Form VII 8330 Modified

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130418-3977.b\320-0003977-011-1.d		
Lims ID:	icv	Client ID:	
Inject. Date:	18-Apr-2013 14:08:00	Dil. Factor:	1.0000
Sample Type:	ICV		
Sample ID:	320-0003977-011 Analysis		
Misc. Info.:	none icv		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14613	Lims Sample ID:	11
Sublist:			
Detector:	GC 320-0003977-011-1		
Method:	\\SACChrom\ChromData\PDA1\20130418-3977.b\NQ CONFIRMATION.m		
Last Update:	19-Apr-2013 09:29:00	Calib Date:	18-Apr-2013 13:28:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130418-3977.b\320-0003977-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Synergi 4u Hydro-RP80A	Column Dia:	4.00 mm
Process Host:	XAWRK009		

First Level Reviewer: russellk Date: 19-Apr-2013 09:29:14

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.427	4.453	-0.026	11561	198.3	

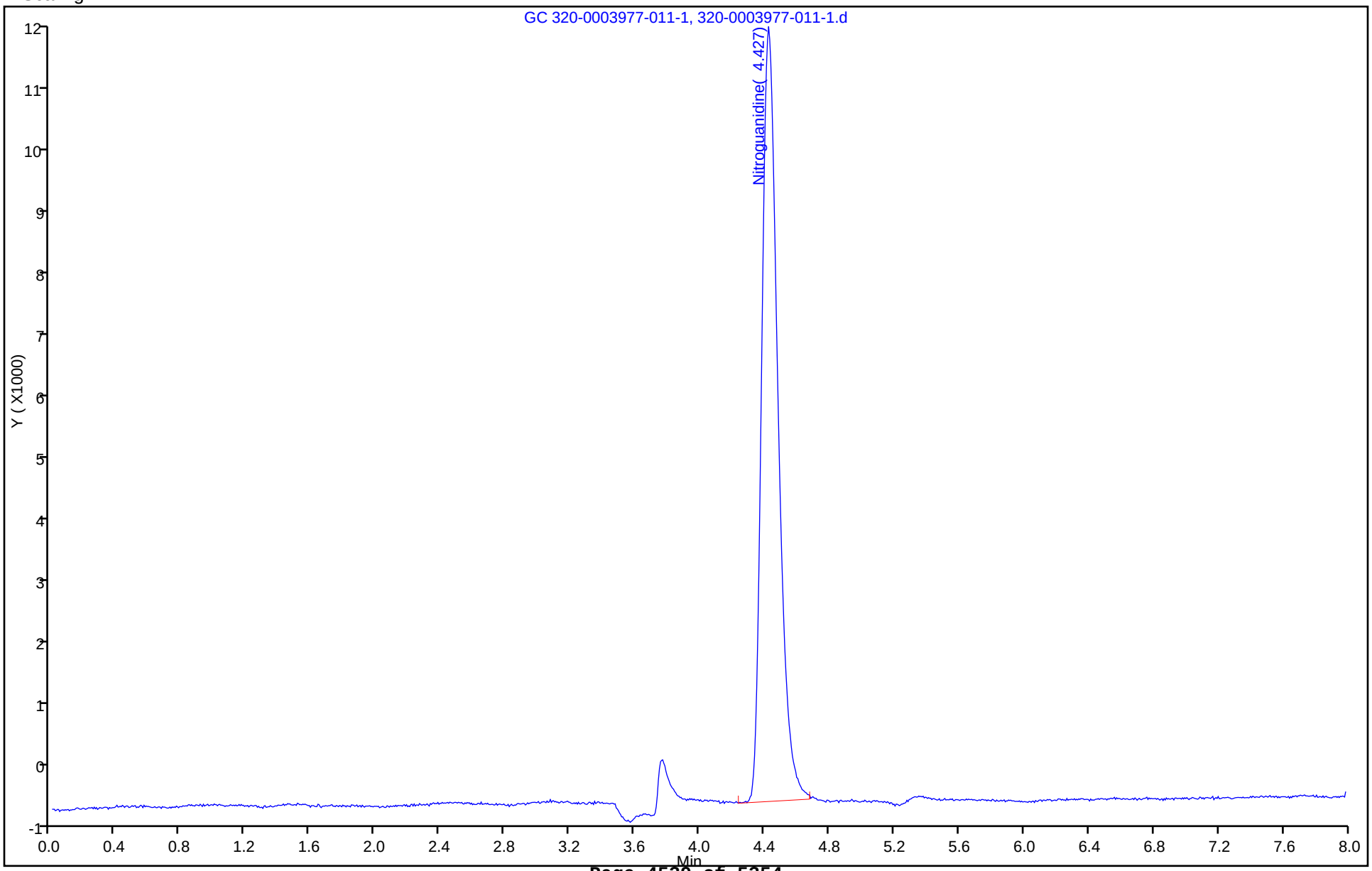
Report Date: 19-Apr-2013 09:29:14 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130418-3977.b\320-0003977-011-1.d

Injection Date:	18-Apr-2013 14:08:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	14613	Lims Sample ID:	11
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Synergi 4u Hydro-RP80A	Column Dia:	4.00 mm

Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: LODV 320-14613/12 Calibration Date: 04/18/2013 14:28

Instrument ID: PDA1 Calib Start Date: 04/18/2013 11:49

GC Column: Hydro RP80A 4 ID: 4.00(mm) Calib End Date: 04/18/2013 13:28

Lab File ID: 320-0003977-012-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	58.29	80.60		6.91	5.00	38.3	

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: LODV 320-14613/12 Calibration Date: 04/18/2013 14:28

Instrument ID: PDA1 Calib Start Date: 04/18/2013 11:49

GC Column: Hydro RP80A 4 ID: 4.00(mm) Calib End Date: 04/18/2013 13:28

Lab File ID: 320-0003977-012-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.41	4.20	4.70

Form VII 8330 Modified

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130418-3977.b\320-0003977-012-1.d		
Lims ID:	LODV	Client ID:	
Inject. Date:	18-Apr-2013 14:28:00	Dil. Factor:	1.0000
Sample Type:	LODV		
Sample ID:	320-0003977-012 Analysis		
Misc. Info.:	none lodv		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14613	Lims Sample ID:	12
Detector:	GC 320-0003977-012-1		
Method:	\\SACChrom\ChromData\PDA1\20130418-3977.b\NQ CONFIRMATION.m		
Last Update:	19-Apr-2013 09:29:00	Calib Date:	18-Apr-2013 13:28:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130418-3977.b\320-0003977-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Synergi 4u Hydro-RP80A	Column Dia:	4.00 mm
Process Host:	XAWRK009		

First Level Reviewer: russellk Date: 19-Apr-2013 09:29:23

	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1	Nitroguanidine					
	4.413	4.453	-0.040	403	6.91	

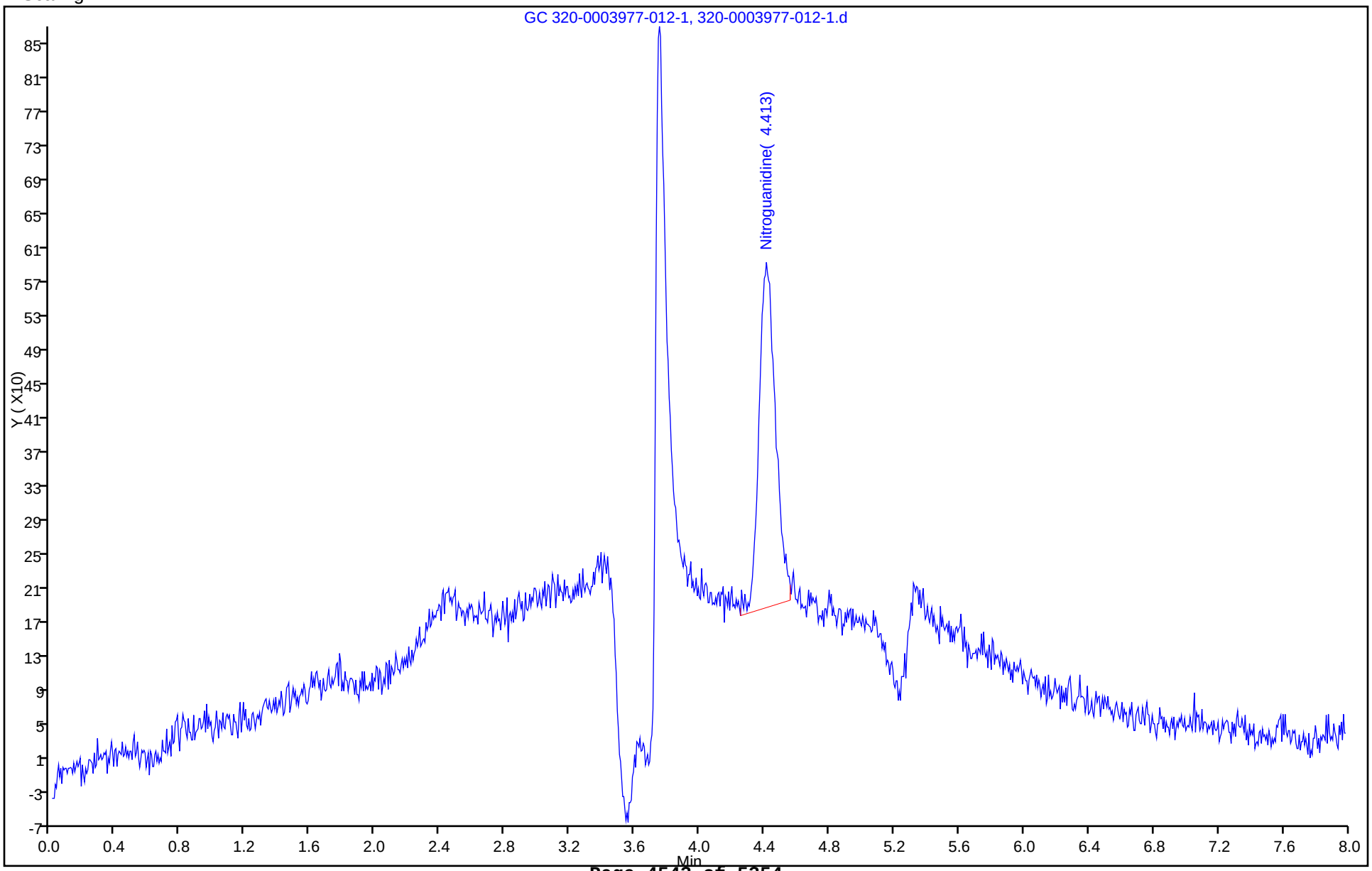
Report Date: 19-Apr-2013 09:29:23 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130418-3977.b\320-0003977-012-1.d

Injection Date:	18-Apr-2013 14:28:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	14613	Lims Sample ID:	12
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Synergi 4u Hydro-RP80A	Column Dia:	4.00 mm

Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCVL 320-14613/13 Calibration Date: 04/18/2013 14:47

Instrument ID: PDA1 Calib Start Date: 04/18/2013 11:49

GC Column: Hydro RP80A 4 ID: 4.00(mm) Calib End Date: 04/18/2013 13:28

Lab File ID: 320-0003977-013-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	58.29	62.00		21.3	20.0	6.4	30.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCVL 320-14613/13 Calibration Date: 04/18/2013 14:47

Instrument ID: PDA1 Calib Start Date: 04/18/2013 11:49

GC Column: Hydro RP80A 4 ID: 4.00(mm) Calib End Date: 04/18/2013 13:28

Lab File ID: 320-0003977-013-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.45	4.20	4.70

Form VII 8330 Modified

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130418-3977.b\320-0003977-013-1.d		
Lims ID:	CCVL	Client ID:	
Inject. Date:	18-Apr-2013 14:47:00	Dil. Factor:	1.0000
Sample Type:	CCVL		
Sample ID:	320-0003977-013 Analysis		
Misc. Info.:	none ccvl		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14613	Lims Sample ID:	13
Sublist:	chrom-NQ CONFIRMATION*sub1		
Detector:	GC 320-0003977-013-1		
Method:	\\SACChrom\ChromData\PDA1\20130418-3977.b\NQ CONFIRMATION.m		
Last Update:	19-Apr-2013 09:29:28	Calib Date:	18-Apr-2013 13:28:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130418-3977.b\320-0003977-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Synergi 4u Hydro-RP80A	Column Dia:	4.00 mm
Process Host:	XAWRK009		

First Level Reviewer: russellk Date: 19-Apr-2013 09:29:28

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.447	4.447	0.0	1240	21.3	

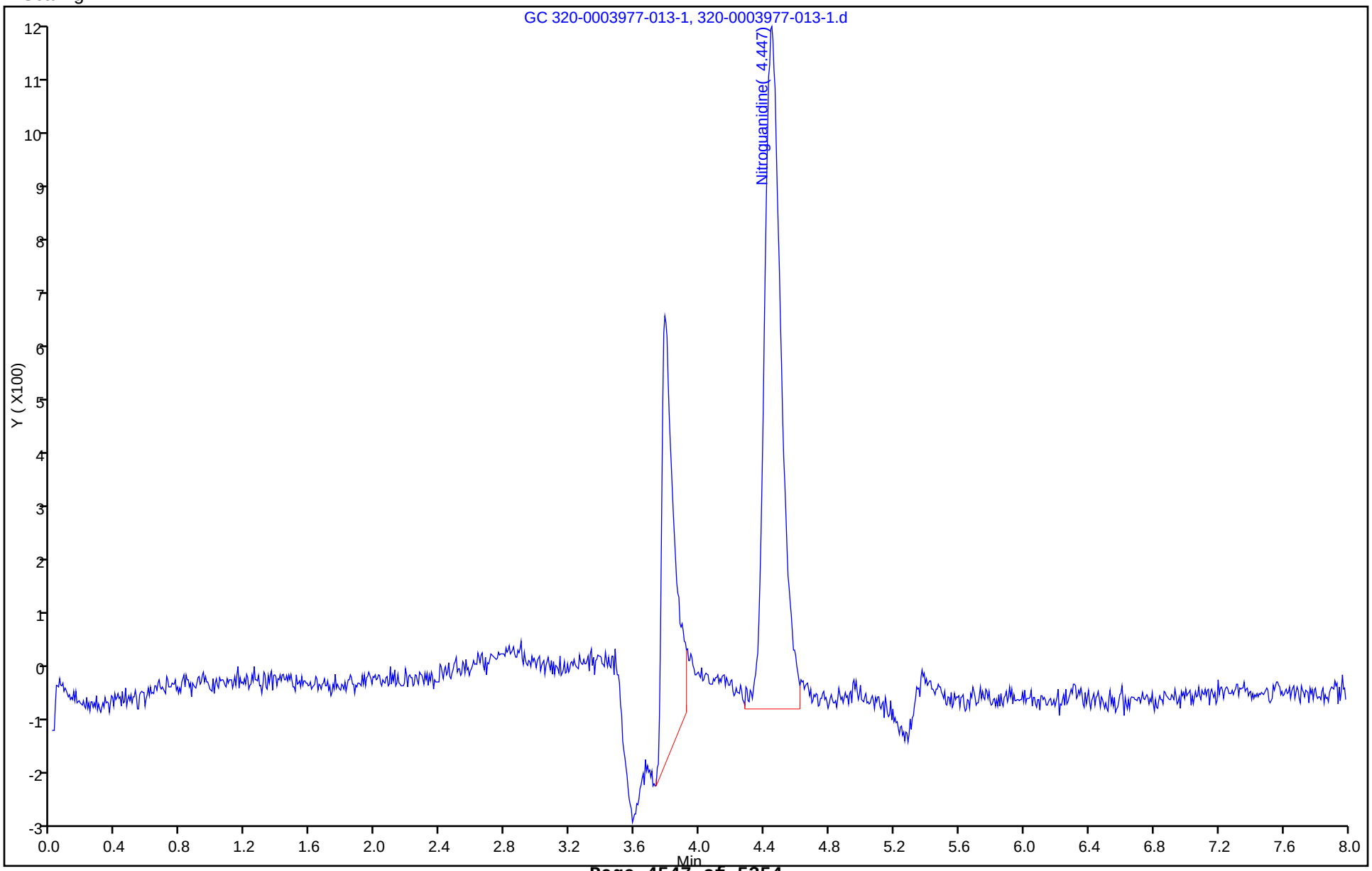
Report Date: 19-Apr-2013 09:29:29 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130418-3977.b\320-0003977-013-1.d

Injection Date:	18-Apr-2013 14:47:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	14613	Lims Sample ID:	13
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Synergi 4u Hydro-RP80A	Column Dia:	4.00 mm

Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 320-14692/3 Calibration Date: 04/19/2013 11:19

Instrument ID: PDA1 Calib Start Date: 04/18/2013 11:49

GC Column: Hydro RP80A 4 ID: 4.00(mm) Calib End Date: 04/18/2013 13:28

Lab File ID: 320-0004000-003-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	58.29	57.69		198	200	-1.0	15.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 320-14692/3 Calibration Date: 04/19/2013 11:19

Instrument ID: PDA1 Calib Start Date: 04/18/2013 11:49

GC Column: Hydro RP80A 4 ID: 4.00(mm) Calib End Date: 04/18/2013 13:28

Lab File ID: 320-0004000-003-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.55	4.30	4.80

Form VII 8330 Modified

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130419-4000.b\320-0004000-003-1.d		
Lims ID:	CCV 05	Client ID:	
Inject. Date:	19-Apr-2013 11:19:00	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	320-0004000-003 Analysis		
Misc. Info.:	none eb		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14692	Lims Sample ID:	3
Sublist:	chrom-NQ CONFIRMATION*sub1		
Detector:	GC 320-0004000-003-1		
Method:	\\SACChrom\ChromData\PDA1\20130419-4000.b\NQ CONFIRMATION.m		
Last Update:	19-Apr-2013 13:22:44	Calib Date:	18-Apr-2013 13:28:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130418-3977.b\320-0003977-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Synergi 4u Hydro-RP80A	Column Dia:	4.00 mm
Process Host:	XAWRK009		

First Level Reviewer: russellk Date: 19-Apr-2013 13:22:44

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.547	4.547	0.0	11537	197.9	

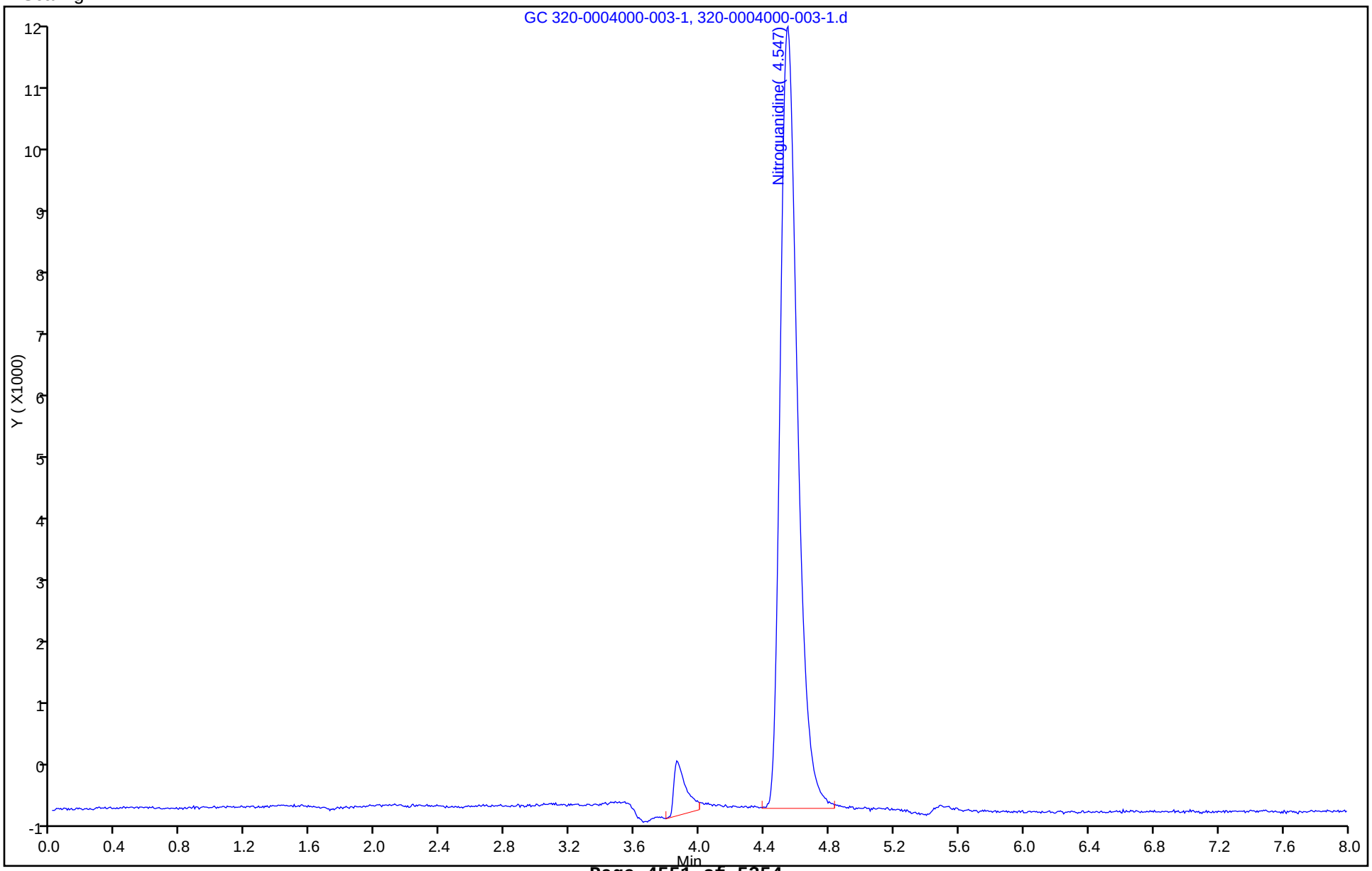
Report Date: 19-Apr-2013 13:22:44 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130419-4000.b\320-0004000-003-1.d

Injection Date:	19-Apr-2013 11:19:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	14692	Lims Sample ID:	3
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Synergi 4u Hydro-RP80A	Column Dia:	4.00 mm

Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCVL 320-14692/4 Calibration Date: 04/19/2013 11:39

Instrument ID: PDA1 Calib Start Date: 04/18/2013 11:49

GC Column: Hydro RP80A 4 ID: 4.00(mm) Calib End Date: 04/18/2013 13:28

Lab File ID: 320-0004000-004-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	58.29	60.50		20.8	20.0	3.8	30.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCVL 320-14692/4 Calibration Date: 04/19/2013 11:39

Instrument ID: PDA1 Calib Start Date: 04/18/2013 11:49

GC Column: Hydro RP80A 4 ID: 4.00(mm) Calib End Date: 04/18/2013 13:28

Lab File ID: 320-0004000-004-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.69	4.44	4.94

Form VII 8330 Modified

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130419-4000.b\320-0004000-004-1.d		
Lims ID:	CCVL	Client ID:	
Inject. Date:	19-Apr-2013 11:39:00	Dil. Factor:	1.0000
Sample Type:	CCVL		
Sample ID:	320-0004000-004 Analysis		
Misc. Info.:	none std02		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14692	Lims Sample ID:	4
Sublist:	chrom-NQ CONFIRMATION*sub1		
Detector:	GC 320-0004000-004-1		
Method:	\\SACChrom\ChromData\PDA1\20130419-4000.b\NQ CONFIRMATION.m		
Last Update:	19-Apr-2013 13:23:08	Calib Date:	18-Apr-2013 13:28:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130418-3977.b\320-0003977-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Synergi 4u Hydro-RP80A	Column Dia:	4.00 mm
Process Host:	XAWRK009		

First Level Reviewer: russellk Date: 19-Apr-2013 13:23:08

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.687	4.687	0.0	1210	20.8	

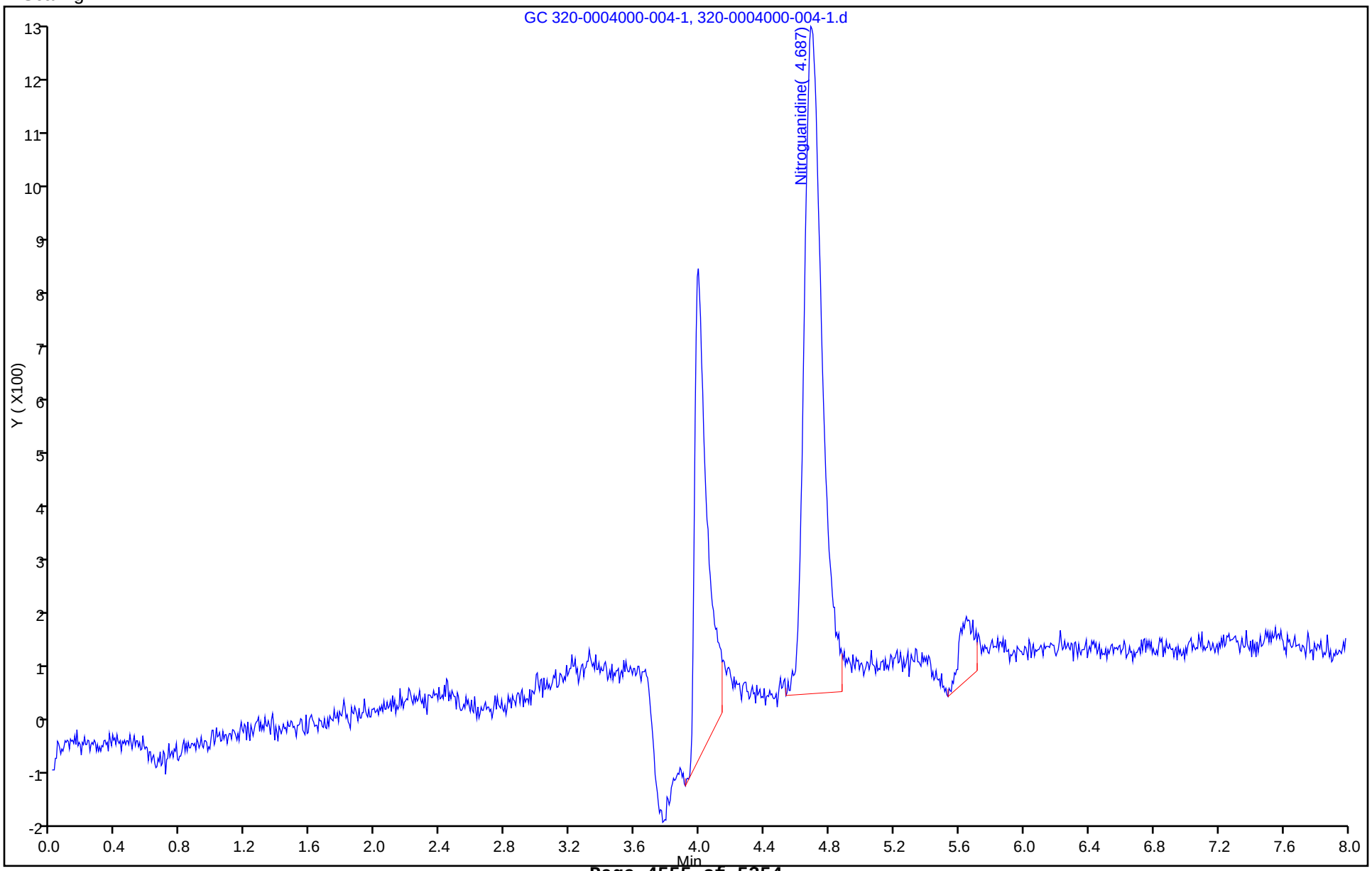
Report Date: 19-Apr-2013 13:23:08 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130419-4000.b\320-0004000-004-1.d

Injection Date:	19-Apr-2013 11:39:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	14692	Lims Sample ID:	4
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Synergi 4u Hydro-RP80A	Column Dia:	4.00 mm

Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 320-14692/7 Calibration Date: 04/19/2013 12:38

Instrument ID: PDA1 Calib Start Date: 04/18/2013 11:49

GC Column: Hydro RP80A 4 ID: 4.00(mm) Calib End Date: 04/18/2013 13:28

Lab File ID: 320-0004000-007-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	58.29	62.11		107	100	6.5	15.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 320-14692/7 Calibration Date: 04/19/2013 12:38

Instrument ID: PDA1 Calib Start Date: 04/18/2013 11:49

GC Column: Hydro RP80A 4 ID: 4.00(mm) Calib End Date: 04/18/2013 13:28

Lab File ID: 320-0004000-007-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.43	4.18	4.68

Form VII 8330 Modified

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130419-4000.b\320-0004000-007-1.d		
Lims ID:	CCV 04	Client ID:	
Inject. Date:	19-Apr-2013 12:38:00	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	320-0004000-007 Analysis		
Misc. Info.:	none std05		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14692	Lims Sample ID:	7
Sublist:	chrom-NQ CONFIRMATION*sub1		
Detector:	GC 320-0004000-007-1		
Method:	\\SACChrom\ChromData\PDA1\20130419-4000.b\NQ CONFIRMATION.m		
Last Update:	19-Apr-2013 13:23:58	Calib Date:	18-Apr-2013 13:28:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130418-3977.b\320-0003977-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Synergi 4u Hydro-RP80A	Column Dia:	4.00 mm
Process Host:	XAWRK009		

First Level Reviewer: russellk Date: 19-Apr-2013 13:23:58

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					M
4.433	4.433	0.0	6211	106.5	M

QC Flag Legend

Review Flags
M - Manually Integrated

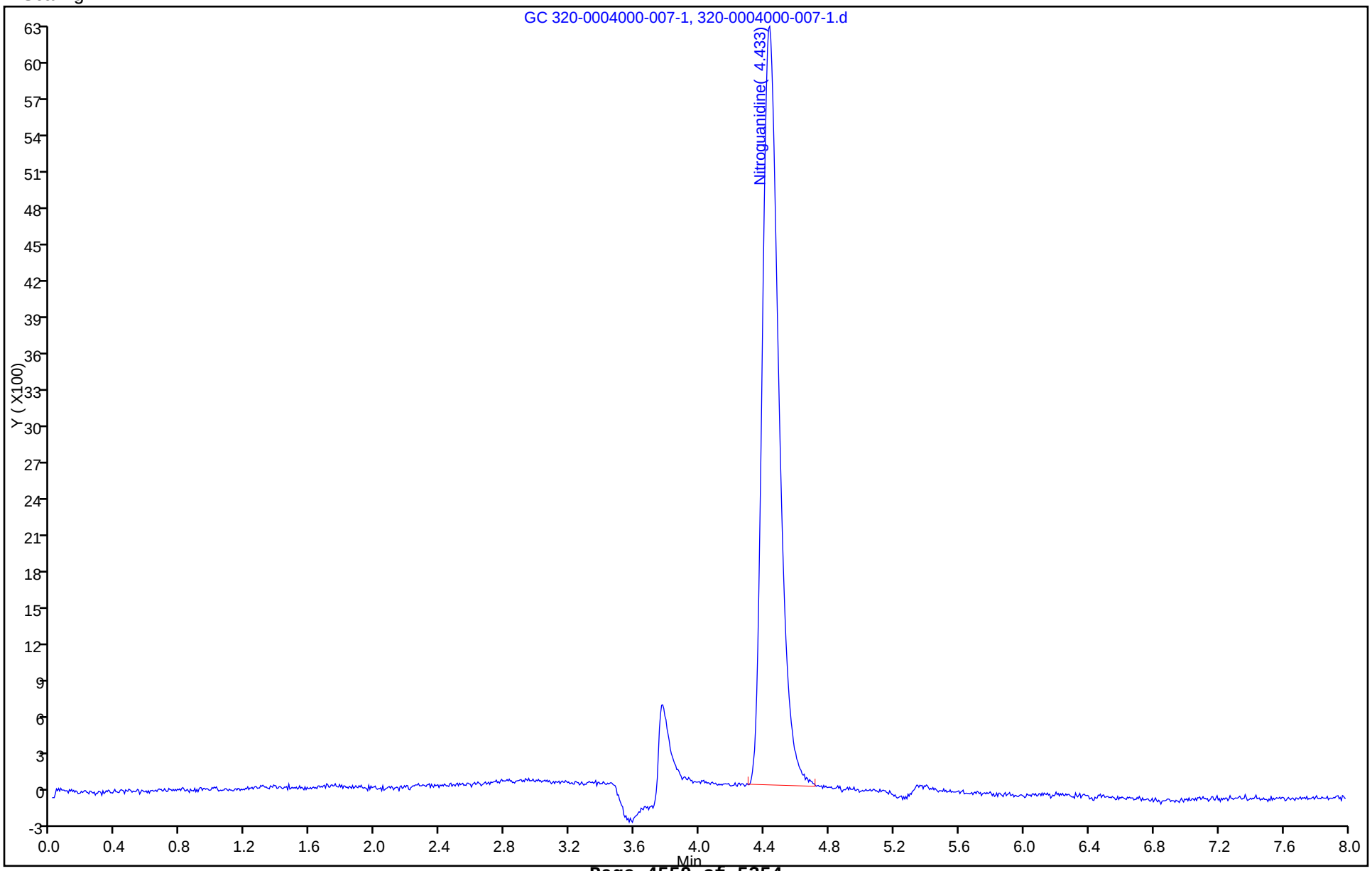
Report Date: 19-Apr-2013 13:23:59 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130419-4000.b\320-0004000-007-1.d

Injection Date:	19-Apr-2013 12:38:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	14692	Lims Sample ID:	7
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Synergi 4u Hydro-RP80A	Column Dia:	4.00 mm

Y Scaling:



Manual Integration/User Assign Peak Report

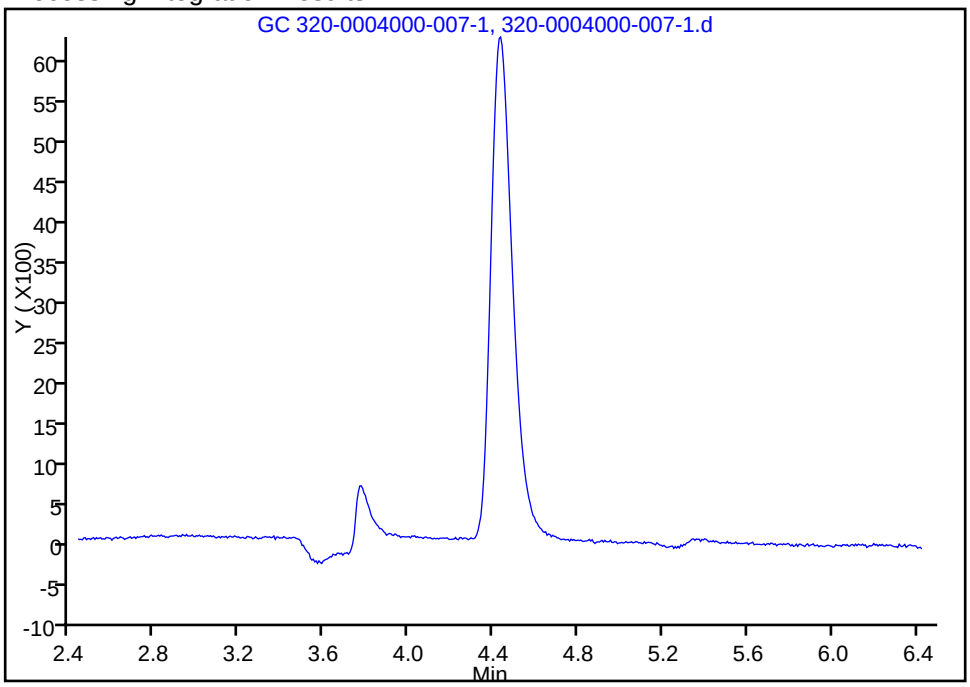
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20130419-4000.b\320-0004000-007-1.d		
Injection Date:	19-Apr-2013 12:38:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	14692	Lims Sample ID:	7
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Synergi 4u Hydro-RP80A	Column Dia:	4.00 mm

1 Nitroguanidine, Signal: 1, Type: quant, RT: 4.43

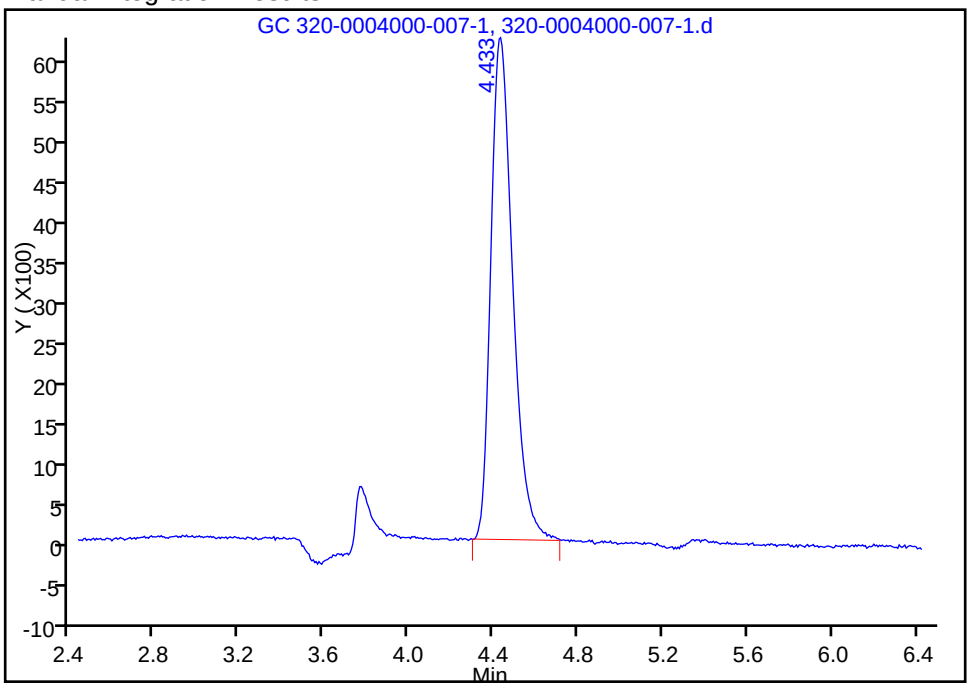
Not Detected
Expected RT: 4.43

Processing Integration Results



Manual Integration Results

RT: 4.43
Response: 6211
Amount: 106.5464



Reviewer: russellk, 19-Apr-2013 13:23:58
Audit Action: Manually Integrated/Assigned Compound ID
Audit Reason: Peak not integrated

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCVL 320-14692/8 Calibration Date: 04/19/2013 12:58

Instrument ID: PDA1 Calib Start Date: 04/18/2013 11:49

GC Column: Hydro RP80A 4 ID: 4.00(mm) Calib End Date: 04/18/2013 13:28

Lab File ID: 320-0004000-008-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	58.29	59.35		20.4	20.0	1.8	30.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCVL 320-14692/8 Calibration Date: 04/19/2013 12:58

Instrument ID: PDA1 Calib Start Date: 04/18/2013 11:49

GC Column: Hydro RP80A 4 ID: 4.00(mm) Calib End Date: 04/18/2013 13:28

Lab File ID: 320-0004000-008-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.40	4.15	4.65

Form VII 8330 Modified

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130419-4000.b\320-0004000-008-1.d		
Lims ID:	CCVL	Client ID:	
Inject. Date:	19-Apr-2013 12:58:00	Dil. Factor:	1.0000
Sample Type:	CCVL		
Sample ID:	320-0004000-008 Analysis		
Misc. Info.:	none std06		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14692	Lims Sample ID:	8
Sublist:	chrom-NQ CONFIRMATION*sub1		
Detector:	GC 320-0004000-008-1		
Method:	\\SACChrom\ChromData\PDA1\20130419-4000.b\NQ CONFIRMATION.m		
Last Update:	19-Apr-2013 13:41:13	Calib Date:	18-Apr-2013 13:28:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130418-3977.b\320-0003977-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Synergi 4u Hydro-RP80A	Column Dia:	4.00 mm
Process Host:	XAWRK009		

First Level Reviewer: russellk Date: 19-Apr-2013 13:24:26

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					M
4.400	4.400	0.0	1187	20.4	M

QC Flag Legend

Review Flags
M - Manually Integrated

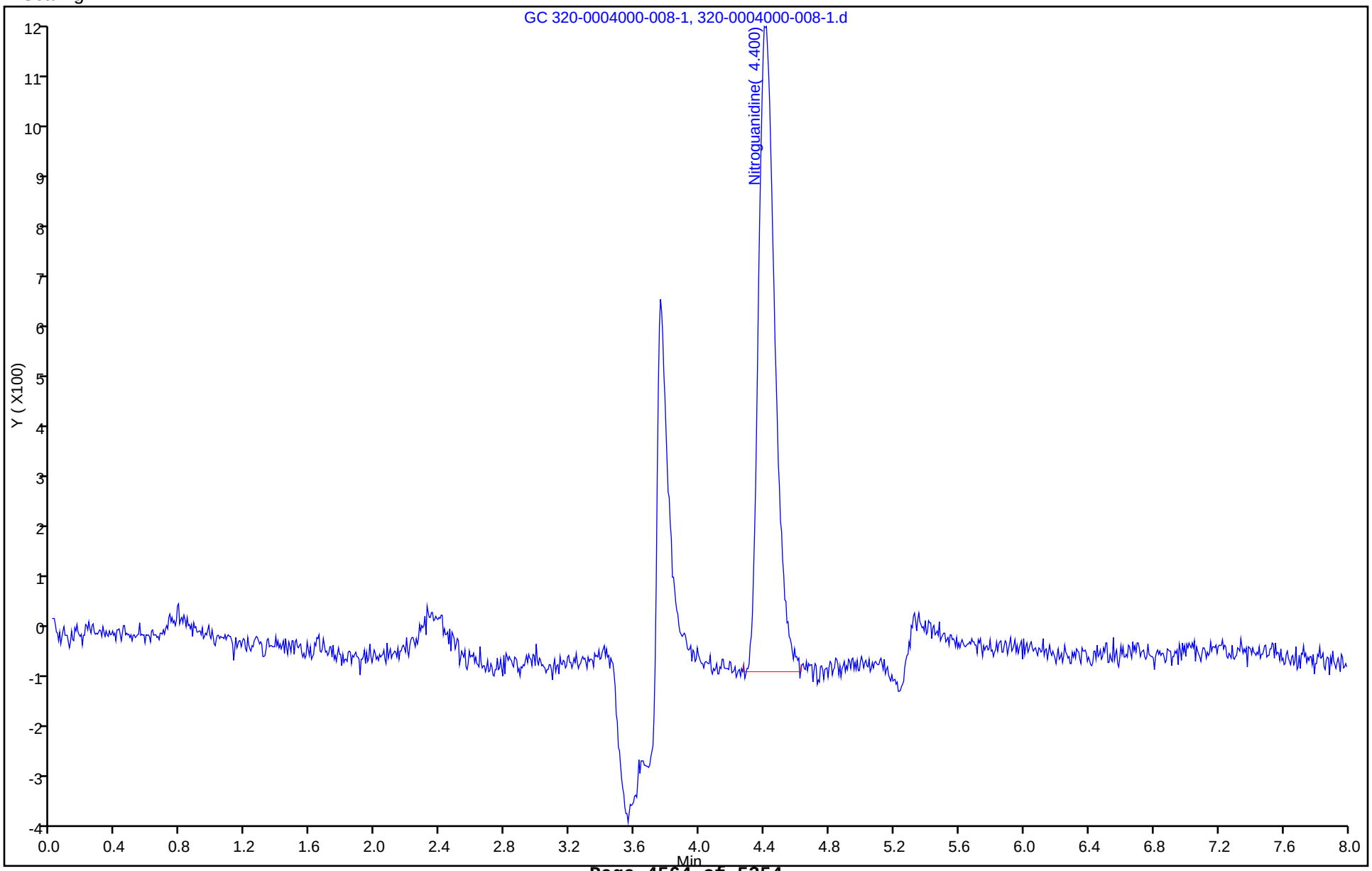
Report Date: 19-Apr-2013 13:41:14 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130419-4000.b\320-0004000-008-1.d

Injection Date:	19-Apr-2013 12:58:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	14692	Lims Sample ID:	8
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Synergi 4u Hydro-RP80A	Column Dia:	4.00 mm

Y Scaling:



Manual Integration/User Assign Peak Report

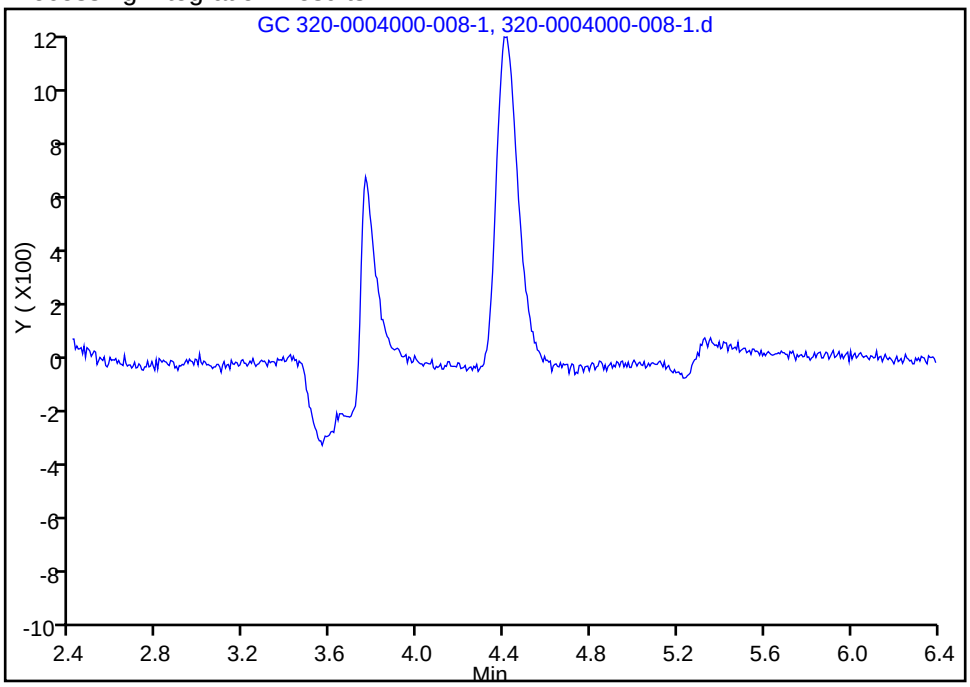
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20130419-4000.b\320-0004000-008-1.d		
Injection Date:	19-Apr-2013 12:58:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	14692	Lims Sample ID:	8
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Synergi 4u Hydro-RP80A	Column Dia:	4.00 mm

1 Nitroguanidine, Signal: 1, Type: quant, RT: 4.40

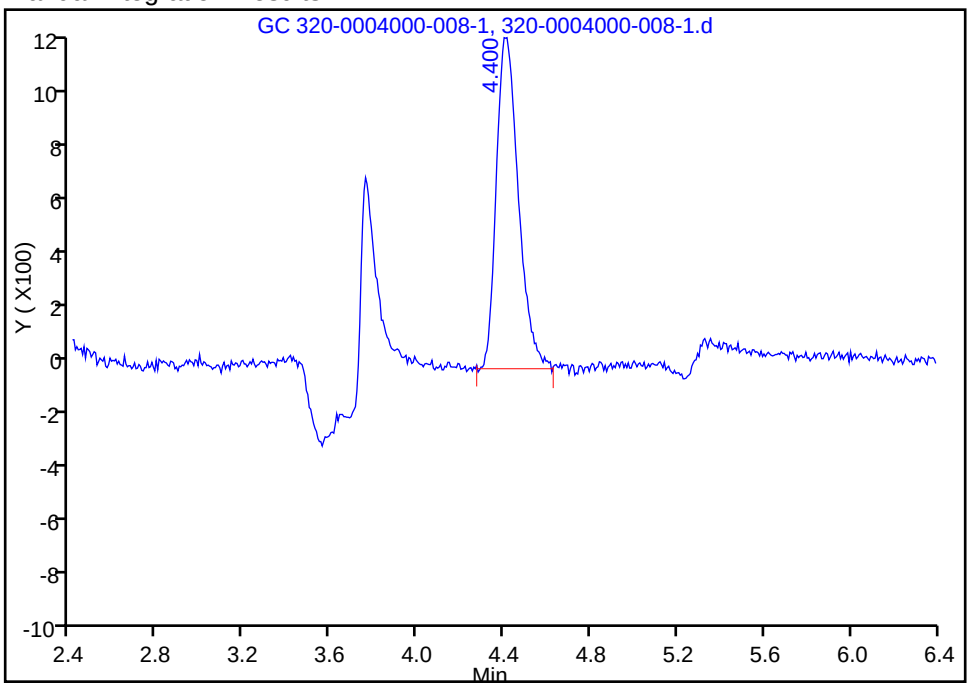
Not Detected
Expected RT: 4.40

Processing Integration Results



Manual Integration Results

RT: 4.40
Response: 1187
Amount: 20.362360



Reviewer: russellk, 19-Apr-2013 13:24:26
Audit Action: Manually Integrated/Assigned Compound ID
Audit Reason: Peak not integrated

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 320-13805/1-A

Matrix: Water Lab File ID: 320-0003783-040-1.d

Analysis Method: 8330 Modified Date Collected:

Extraction Method: Filtration Date Extracted: 04/08/2013 10:17

Sample wt/vol: 10(mL) Date Analyzed: 04/10/2013 03:51

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 13918 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	6.0	U	20	6.0	2.4

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130409-3783.b\320-0003783-040-1.d		
Lims ID:	MB 320-13805/1-A	Client ID:	
Inject. Date:	10-Apr-2013 03:51:00	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	320-0003783-040 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	13918	Lims Sample ID:	40
Detector:	GC 320-0003783-040-1		
Method:	\\SACChrom\ChromData\PDA1\20130409-3783.b\NGu Primary.m		
Last Update:	10-Apr-2013 11:08:40	Calib Date:	09-Apr-2013 14:50:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK020		

First Level Reviewer: russellk Date: 10-Apr-2013 11:09:58

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags

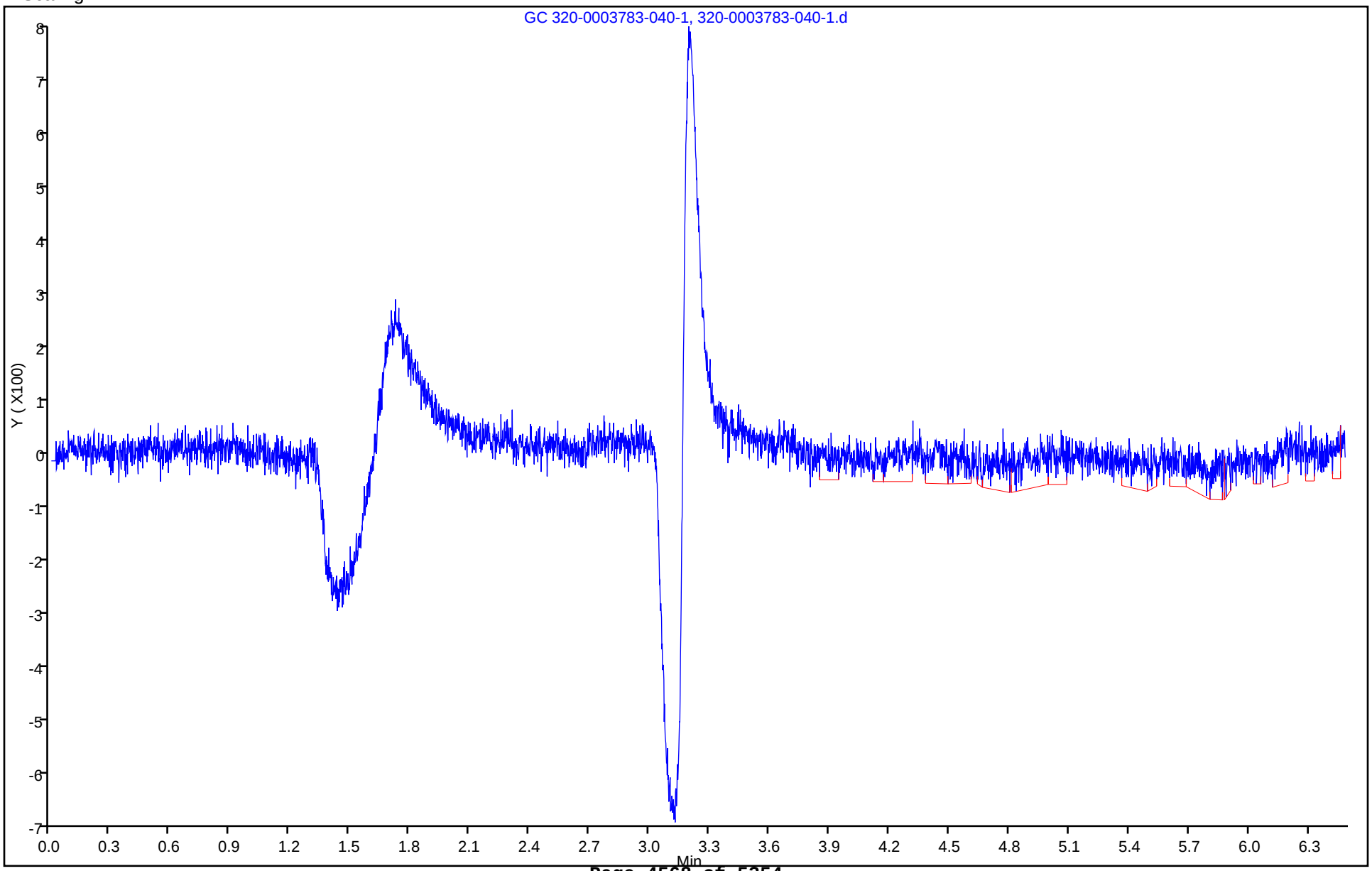
Report Date: 10-Apr-2013 11:09:58 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130409-3783.b\320-0003783-040-1.d

Injection Date:	10-Apr-2013 03:51:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	13918	Lims Sample ID:	40
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 320-14079/1-A

Matrix: Solid Lab File ID: 320-0003925-017-1.d

Analysis Method: 8330 Modified Date Collected:

Extraction Method: Sieve/Ultrasoni Date Extracted: 04/11/2013 10:07

Sample wt/vol: 2.00(g) Date Analyzed: 04/16/2013 17:06

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 14432 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.040	U	0.25	0.040	0.020

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-017-1.d		
Lims ID:	MB 320-14079/1-A	Client ID:	
Inject. Date:	16-Apr-2013 17:06:00	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	320-0003925-017 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14432	Lims Sample ID:	17
Detector:	GC 320-0003925-017-1		
Method:	\\SACChrom\ChromData\PDA1\20130416-3925.b\NGu Primary.m		
Last Update:	17-Apr-2013 09:33:13	Calib Date:	09-Apr-2013 14:50:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: russellk Date: 17-Apr-2013 09:33:23

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags

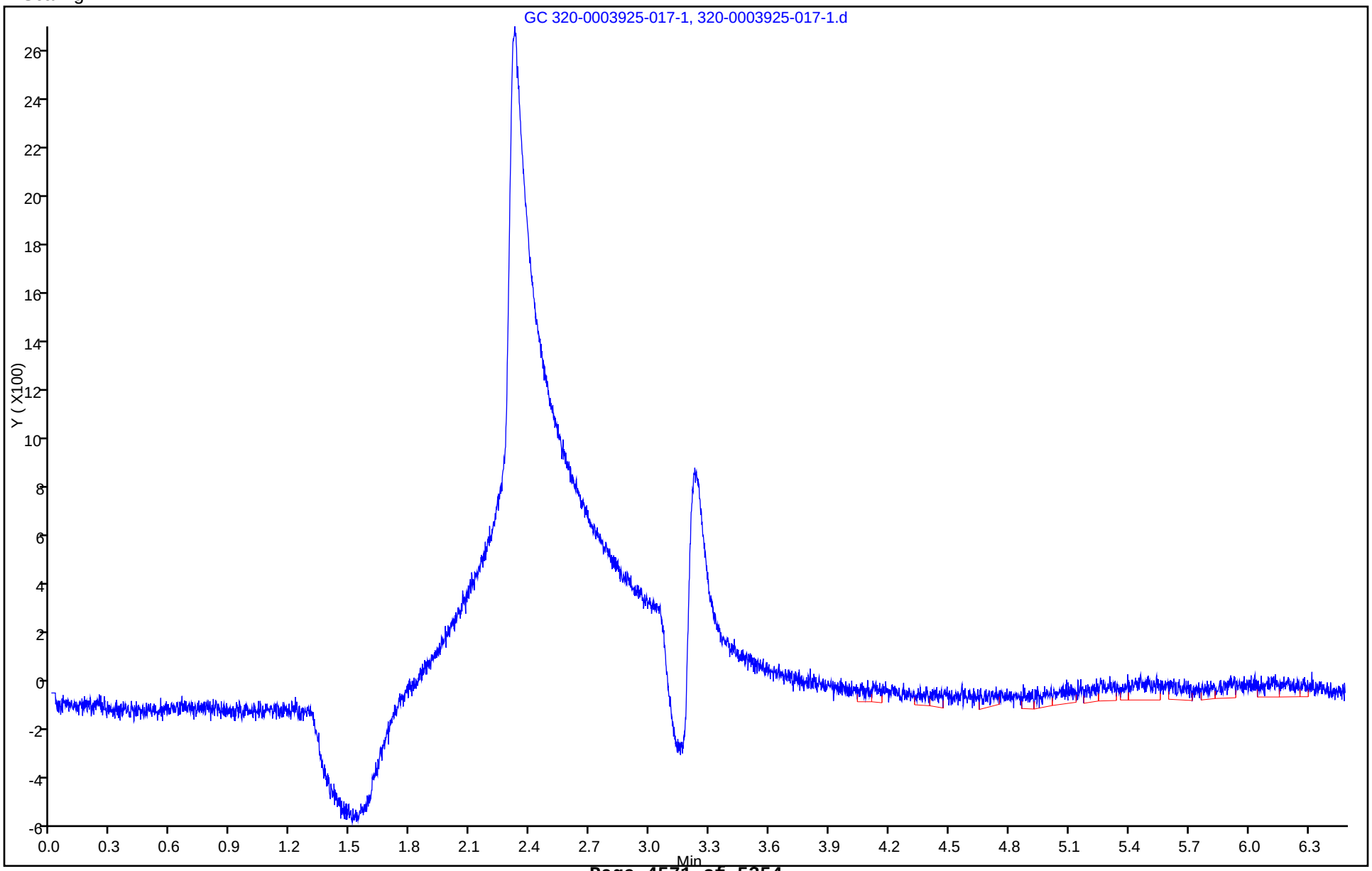
Report Date: 17-Apr-2013 09:33:23 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-017-1.d

Injection Date:	16-Apr-2013 17:06:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	14432	Lims Sample ID:	17
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 320-14079/1-A

Matrix: Solid Lab File ID: 320-0004000-005-1.d

Analysis Method: 8330 Modified Date Collected:

Extraction Method: Sieve/Ultrasoni Date Extracted: 04/11/2013 10:07

Sample wt/vol: 2.00(g) Date Analyzed: 04/19/2013 11:59

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: ID:

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 14692 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.040	U	0.25	0.040	0.020

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130419-4000.b\320-0004000-005-1.d		
Lims ID:	MB 320-14079/1-A	Client ID:	
Inject. Date:	19-Apr-2013 11:59:00	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	320-0004000-005 Analysis		
Misc. Info.:	none std03		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14692	Lims Sample ID:	5
Detector:	GC 320-0004000-005-1		
Method:	\\SACChrom\ChromData\PDA1\20130419-4000.b\NQ CONFIRMATION.m		
Last Update:	19-Apr-2013 13:18:09	Calib Date:	18-Apr-2013 13:28:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130418-3977.b\320-0003977-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Synergi 4u Hydro-RP80A	Column Dia:	4.00 mm
Process Host:	XAWRK009		
First Level Reviewer: russellk		Date:	19-Apr-2013 13:21:29

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags

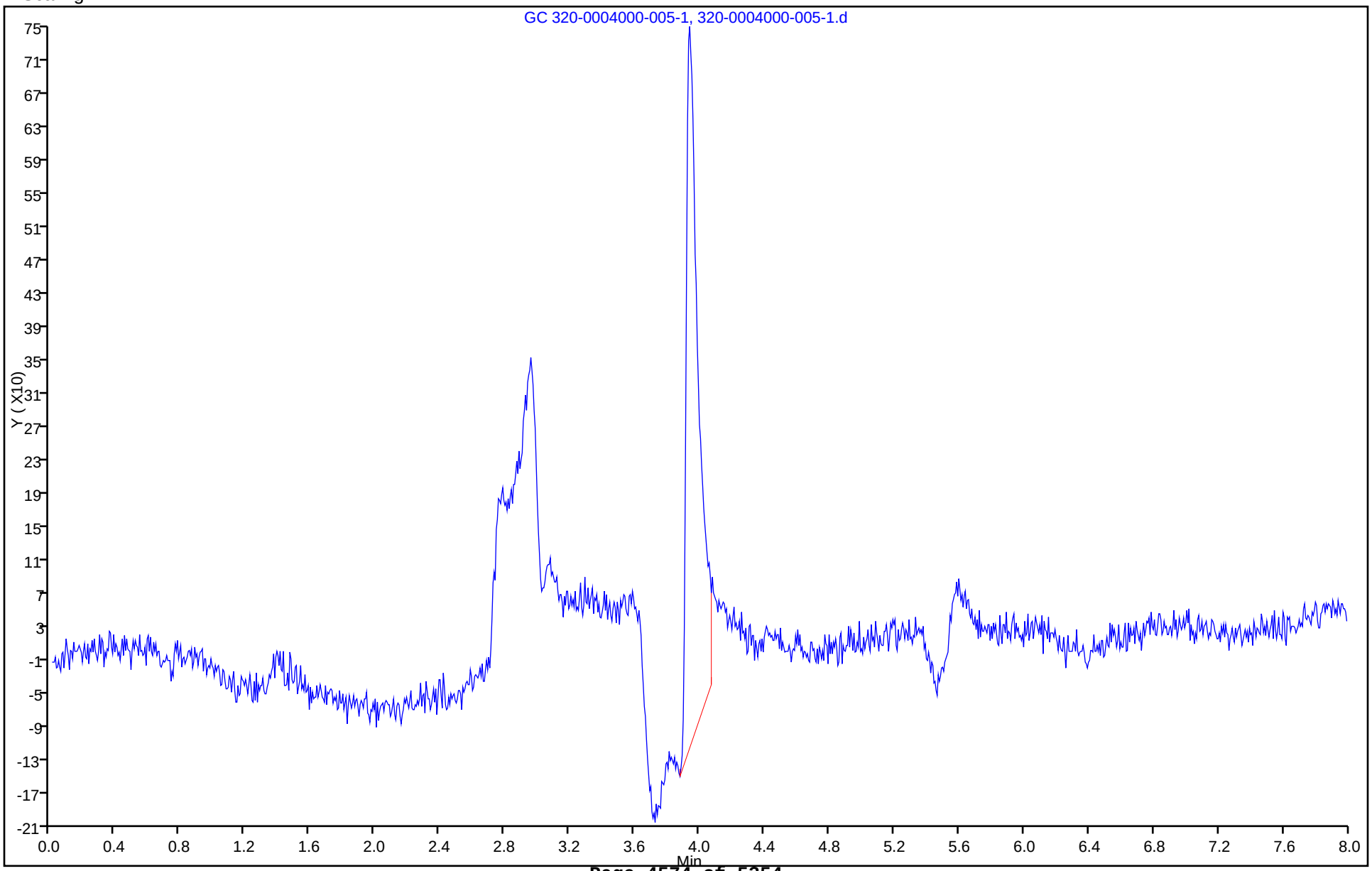
Report Date: 19-Apr-2013 13:21:29 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130419-4000.b\320-0004000-005-1.d

Injection Date:	19-Apr-2013 11:59:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	14692	Lims Sample ID:	5
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Synergi 4u Hydro-RP80A	Column Dia:	4.00 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 320-13805/2-A

Matrix: Water Lab File ID: 320-0003783-041-1.d

Analysis Method: 8330 Modified Date Collected:

Extraction Method: Filtration Date Extracted: 04/08/2013 10:17

Sample wt/vol: 10(mL) Date Analyzed: 04/10/2013 04:08

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 13918 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	231		20	6.0	2.4

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130409-3783.b\320-0003783-041-1.d		
Lims ID:	LCS 320-13805/2-A	Client ID:	
Inject. Date:	10-Apr-2013 04:08:00	Dil. Factor:	1.0000
Sample Type:	LCS		
Sample ID:	320-0003783-041 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	13918	Lims Sample ID:	41
Detector:	GC 320-0003783-041-1		
Method:	\\SACChrom\ChromData\PDA1\20130409-3783.b\NGu Primary.m		
Last Update:	10-Apr-2013 11:10:15	Calib Date:	09-Apr-2013 14:50:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK020		

First Level Reviewer: russellk Date: 10-Apr-2013 11:10:15

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.190	4.190	0.0	9442	230.6	

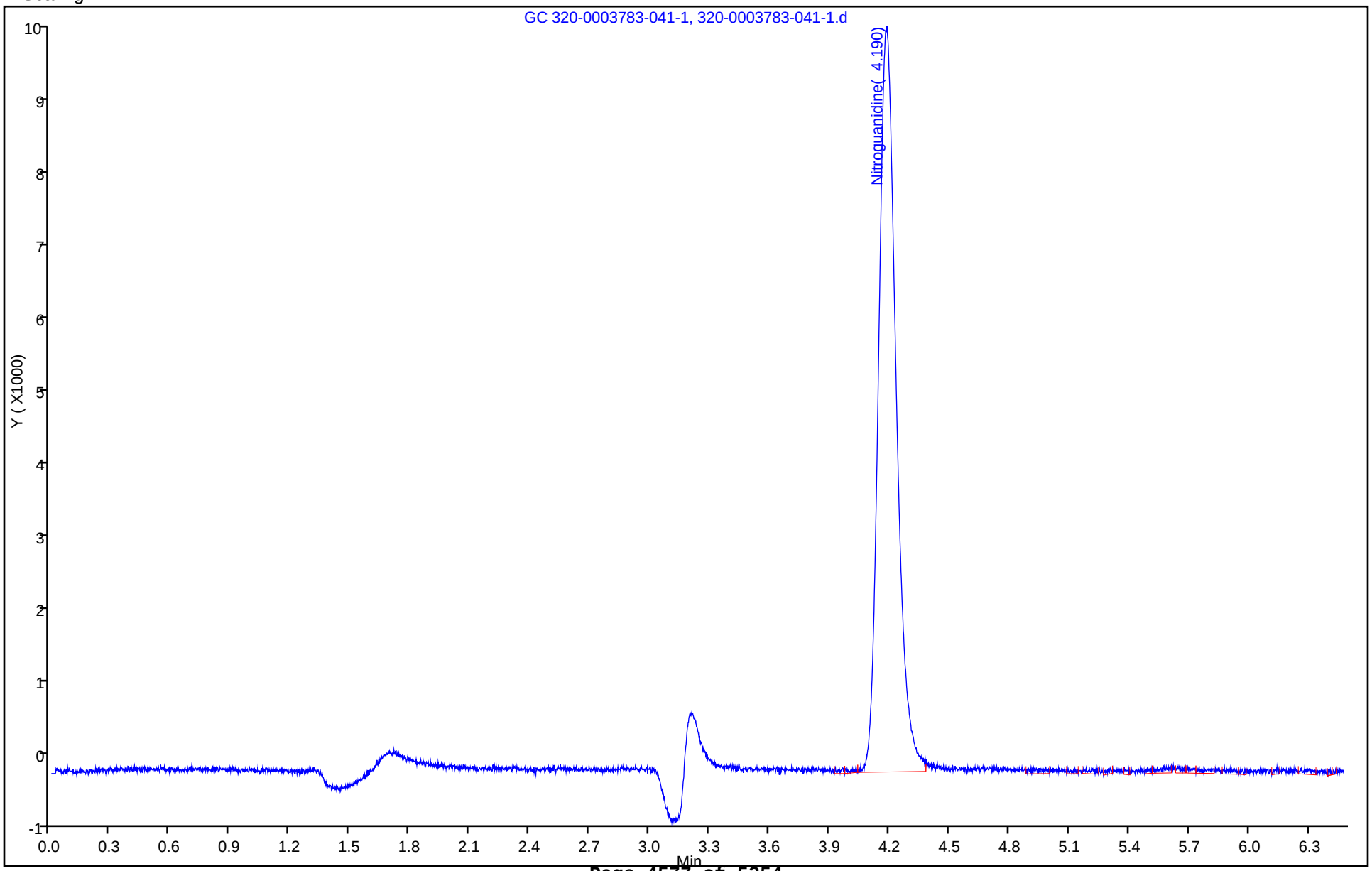
Report Date: 10-Apr-2013 11:10:16 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130409-3783.b\320-0003783-041-1.d

Injection Date:	10-Apr-2013 04:08:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	13918	Lims Sample ID:	41
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 320-14079/2-A

Matrix: Solid Lab File ID: 320-0003925-018-1.d

Analysis Method: 8330 Modified Date Collected:

Extraction Method: Sieve/Ultrasoni Date Extracted: 04/11/2013 10:07

Sample wt/vol: 2.00(g) Date Analyzed: 04/16/2013 17:24

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 14432 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.880		0.25	0.040	0.020

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-018-1.d		
Lims ID:	LCS 320-14079/2-A	Client ID:	
Inject. Date:	16-Apr-2013 17:24:00	Dil. Factor:	1.0000
Sample Type:	LCS		
Sample ID:	320-0003925-018 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14432	Lims Sample ID:	18
Detector:	GC 320-0003925-018-1		
Method:	\\SACChrom\ChromData\PDA1\20130416-3925.b\NGu Primary.m		
Last Update:	17-Apr-2013 09:33:46	Calib Date:	09-Apr-2013 14:50:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: russellk Date: 17-Apr-2013 09:33:46

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.202	4.208	-0.006	7209	176.0	

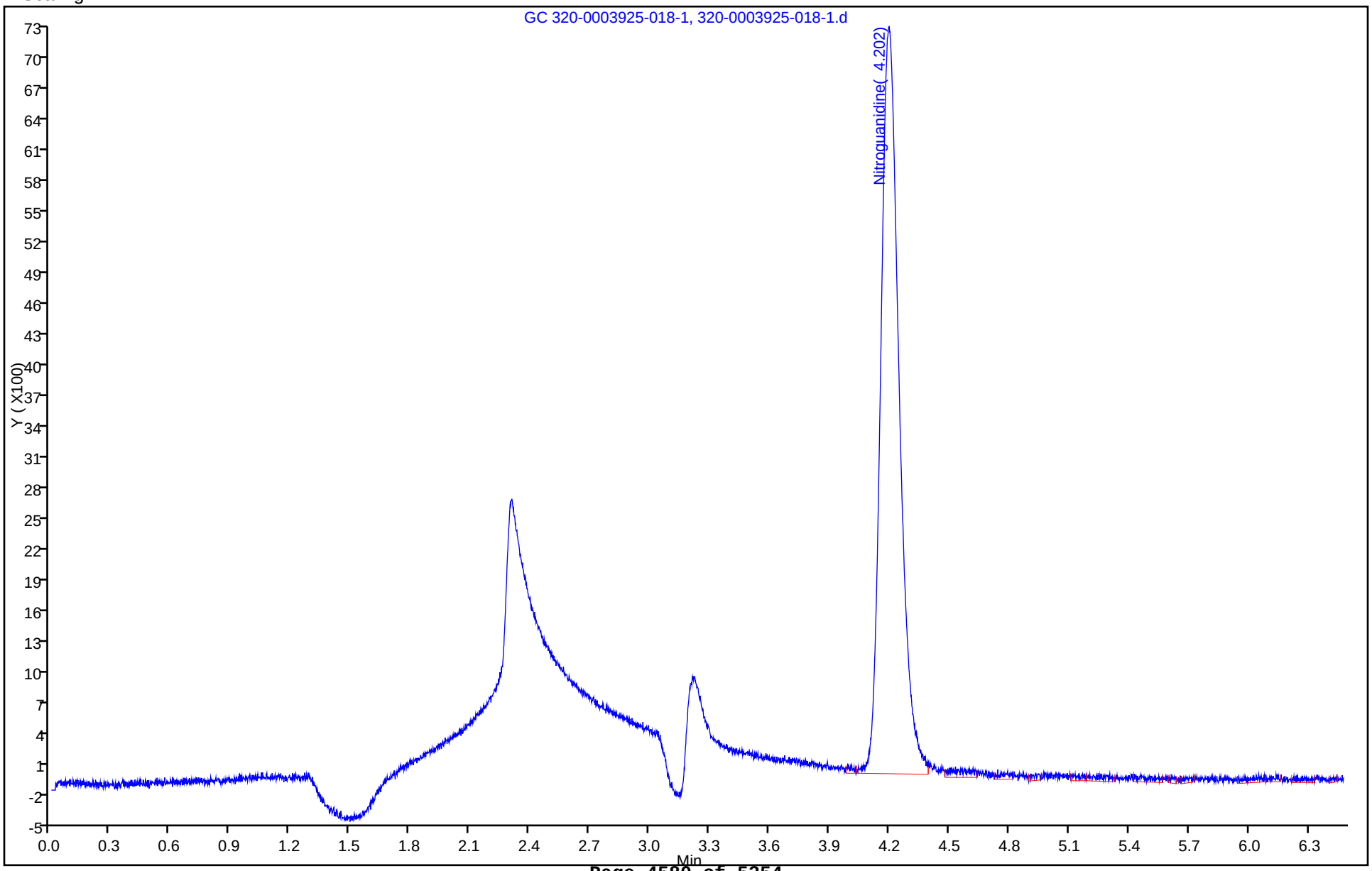
Report Date: 17-Apr-2013 09:33:46 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-018-1.d

Injection Date:	16-Apr-2013 17:24:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	14432	Lims Sample ID:	18
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



HPLC/IC ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Instrument ID: PDA1 Start Date: 04/09/2013 13:03

Analysis Batch Number: 13890 End Date: 04/09/2013 16:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/09/2013 13:03	1		Luna NH2 4.6(mm)
STD02 320-13890/4 IC		04/09/2013 13:21	1	320-0003774-004 -1.d	Luna NH2 4.6(mm)
STD03 320-13890/5 IC		04/09/2013 13:39	1	320-0003774-005 -1.d	Luna NH2 4.6(mm)
STD04 320-13890/6 IC		04/09/2013 13:56	1	320-0003774-006 -1.d	Luna NH2 4.6(mm)
STD05 320-13890/7 IC		04/09/2013 14:14	1	320-0003774-007 -1.d	Luna NH2 4.6(mm)
STD06 320-13890/8 IC		04/09/2013 14:32	1	320-0003774-008 -1.d	Luna NH2 4.6(mm)
STD07 320-13890/9 IC		04/09/2013 14:50	1	320-0003774-009 -1.d	Luna NH2 4.6(mm)
ZZZZZ		04/09/2013 15:08	1		Luna NH2 4.6(mm)
ICV 320-13890/11		04/09/2013 15:25	1	320-0003774-011 -1.d	Luna NH2 4.6(mm)
LODV 320-13890/12		04/09/2013 15:43	1	320-0003774-012 -1.d	Luna NH2 4.6(mm)
CCVL 320-13890/13		04/09/2013 16:01	1	320-0003774-013 -1.d	Luna NH2 4.6(mm)

8330 Modified

HPLC/IC ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Instrument ID: PDA1 Start Date: 04/09/2013 16:19

Analysis Batch Number: 13918 End Date: 04/10/2013 13:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/09/2013 16:19	1		Luna NH2 4.6(mm)
ZZZZZ		04/09/2013 16:36	1		Luna NH2 4.6(mm)
ZZZZZ		04/09/2013 16:54	1		Luna NH2 4.6(mm)
ZZZZZ		04/09/2013 17:12	1		Luna NH2 4.6(mm)
ZZZZZ		04/09/2013 17:30	1		Luna NH2 4.6(mm)
ZZZZZ		04/09/2013 17:47	1		Luna NH2 4.6(mm)
ZZZZZ		04/09/2013 18:05	1		Luna NH2 4.6(mm)
ZZZZZ		04/09/2013 18:23	1		Luna NH2 4.6(mm)
ZZZZZ		04/09/2013 18:41	1		Luna NH2 4.6(mm)
ZZZZZ		04/09/2013 18:58	1		Luna NH2 4.6(mm)
CCV 320-13918/11 CCVRT		04/09/2013 19:16	1		Luna NH2 4.6(mm)
ZZZZZ		04/09/2013 19:34	1		Luna NH2 4.6(mm)
ZZZZZ		04/09/2013 19:52	1		Luna NH2 4.6(mm)
ZZZZZ		04/09/2013 20:09	1		Luna NH2 4.6(mm)
ZZZZZ		04/09/2013 20:27	1		Luna NH2 4.6(mm)
ZZZZZ		04/09/2013 20:45	1		Luna NH2 4.6(mm)
ZZZZZ		04/09/2013 21:02	1		Luna NH2 4.6(mm)
ZZZZZ		04/09/2013 21:20	1		Luna NH2 4.6(mm)
ZZZZZ		04/09/2013 21:38	1		Luna NH2 4.6(mm)
ZZZZZ		04/09/2013 21:56	1		Luna NH2 4.6(mm)
ZZZZZ		04/09/2013 22:13	1		Luna NH2 4.6(mm)
CCV 320-13918/22 CCVRT		04/09/2013 22:31	1		Luna NH2 4.6(mm)
ZZZZZ		04/09/2013 22:49	1		Luna NH2 4.6(mm)
ZZZZZ		04/09/2013 23:07	1		Luna NH2 4.6(mm)
ZZZZZ		04/09/2013 23:24	1		Luna NH2 4.6(mm)
ZZZZZ		04/09/2013 23:42	1		Luna NH2 4.6(mm)
ZZZZZ		04/10/2013 00:00	1		Luna NH2 4.6(mm)
ZZZZZ		04/10/2013 00:18	1		Luna NH2 4.6(mm)
ZZZZZ		04/10/2013 00:35	1		Luna NH2 4.6(mm)
ZZZZZ		04/10/2013 00:53	1		Luna NH2 4.6(mm)
ZZZZZ		04/10/2013 01:11	1		Luna NH2 4.6(mm)
ZZZZZ		04/10/2013 01:29	1		Luna NH2 4.6(mm)
CCV 320-13918/33 CCVRT		04/10/2013 01:46	1	320-0003783-033 -1.d	Luna NH2 4.6(mm)
CCVL 320-13918/34		04/10/2013 02:04	1		Luna NH2 4.6(mm)
ZZZZZ		04/10/2013 02:22	1		Luna NH2 4.6(mm)
ZZZZZ		04/10/2013 02:40	1		Luna NH2 4.6(mm)
ZZZZZ		04/10/2013 02:57	1		Luna NH2 4.6(mm)
ZZZZZ		04/10/2013 03:15	1		Luna NH2 4.6(mm)
ZZZZZ		04/10/2013 03:33	1		Luna NH2 4.6(mm)
MB 320-13805/1-A		04/10/2013 03:51	1	320-0003783-040 -1.d	Luna NH2 4.6(mm)
LCS 320-13805/2-A		04/10/2013 04:08	1	320-0003783-041 -1.d	Luna NH2 4.6(mm)
240-22648-18	073SW-0061-0001-SW	04/10/2013 04:26	1	320-0003783-042 -1.d	Luna NH2 4.6(mm)

8330 Modified

HPLC/IC ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Instrument ID: PDA1 Start Date: 04/09/2013 16:19

Analysis Batch Number: 13918 End Date: 04/10/2013 13:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/10/2013 04:44	1		Luna NH2 4.6(mm)
ZZZZZ		04/10/2013 05:01	1		Luna NH2 4.6(mm)
CCV 320-13918/45 CCVRT		04/10/2013 05:19	1	320-0003783-045 -1.d	Luna NH2 4.6(mm)
ZZZZZ		04/10/2013 05:37	1		Luna NH2 4.6(mm)
ZZZZZ		04/10/2013 05:55	1		Luna NH2 4.6(mm)
ZZZZZ		04/10/2013 06:12	1		Luna NH2 4.6(mm)
ZZZZZ		04/10/2013 06:30	1		Luna NH2 4.6(mm)
ZZZZZ		04/10/2013 06:48	1		Luna NH2 4.6(mm)
ZZZZZ		04/10/2013 07:06	1		Luna NH2 4.6(mm)
ZZZZZ		04/10/2013 07:23	1		Luna NH2 4.6(mm)
ZZZZZ		04/10/2013 07:41	1		Luna NH2 4.6(mm)
ZZZZZ		04/10/2013 07:59	1		Luna NH2 4.6(mm)
ZZZZZ		04/10/2013 08:17	1		Luna NH2 4.6(mm)
CCV 320-13918/56 CCVRT		04/10/2013 08:34	1	320-0003783-056 -1.d	Luna NH2 4.6(mm)
ZZZZZ		04/10/2013 08:52	1		Luna NH2 4.6(mm)
ZZZZZ		04/10/2013 09:10	1		Luna NH2 4.6(mm)
ZZZZZ		04/10/2013 09:28	1		Luna NH2 4.6(mm)
ZZZZZ		04/10/2013 09:45	1		Luna NH2 4.6(mm)
ZZZZZ		04/10/2013 10:03	1		Luna NH2 4.6(mm)
ZZZZZ		04/10/2013 10:21	1		Luna NH2 4.6(mm)
ZZZZZ		04/10/2013 10:38	1		Luna NH2 4.6(mm)
ZZZZZ		04/10/2013 10:56	1		Luna NH2 4.6(mm)
ZZZZZ		04/10/2013 11:14	1		Luna NH2 4.6(mm)
ZZZZZ		04/10/2013 11:32	1		Luna NH2 4.6(mm)
CCV 320-13918/67 CCVRT		04/10/2013 11:49	1		Luna NH2 4.6(mm)
CCVL 320-13918/68		04/10/2013 12:07	1		Luna NH2 4.6(mm)
ZZZZZ		04/10/2013 12:25	1		Luna NH2 4.6(mm)
ZZZZZ		04/10/2013 12:43	1		Luna NH2 4.6(mm)
ZZZZZ		04/10/2013 13:00	1		Luna NH2 4.6(mm)
CCV 320-13918/72 CCVRT		04/10/2013 13:18	1		Luna NH2 4.6(mm)
CCVL 320-13918/73		04/10/2013 13:36	1	320-0003783-073 -1.d	Luna NH2 4.6(mm)

8330 Modified

HPLC/IC ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Instrument ID: PDA1 Start Date: 04/16/2013 12:58

Analysis Batch Number: 14432 End Date: 04/16/2013 22:44

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 320-14432/3 CCVRT		04/16/2013 12:58	1		Luna NH2 4.6(mm)
CCVL 320-14432/4		04/16/2013 13:16	1	320-0003925-004 -1.d	Luna NH2 4.6(mm)
ZZZZZ		04/16/2013 13:33	1		Luna NH2 4.6(mm)
ZZZZZ		04/16/2013 13:51	1		Luna NH2 4.6(mm)
ZZZZZ		04/16/2013 14:09	1		Luna NH2 4.6(mm)
ZZZZZ		04/16/2013 14:27	1		Luna NH2 4.6(mm)
ZZZZZ		04/16/2013 14:44	1		Luna NH2 4.6(mm)
ZZZZZ		04/16/2013 15:02	1		Luna NH2 4.6(mm)
ZZZZZ		04/16/2013 15:20	1		Luna NH2 4.6(mm)
ZZZZZ		04/16/2013 15:38	1		Luna NH2 4.6(mm)
ZZZZZ		04/16/2013 15:55	1		Luna NH2 4.6(mm)
ZZZZZ		04/16/2013 16:13	1		Luna NH2 4.6(mm)
CCV 320-14432/15 CCVRT		04/16/2013 16:31	1	320-0003925-015 -1.d	Luna NH2 4.6(mm)
ZZZZZ		04/16/2013 16:49	1		Luna NH2 4.6(mm)
MB 320-14079/1-A		04/16/2013 17:06	1	320-0003925-017 -1.d	Luna NH2 4.6(mm)
LCS 320-14079/2-A		04/16/2013 17:24	1	320-0003925-018 -1.d	Luna NH2 4.6(mm)
240-22648-13	073SD-0050-0001-SO	04/16/2013 17:42	1	320-0003925-019 -1.d	Luna NH2 4.6(mm)
240-22648-29	079SB-0063M-0001-SO	04/16/2013 18:00	1	320-0003925-020 -1.d	Luna NH2 4.6(mm)
240-22648-30	079SB-0064M-0001-SO	04/16/2013 18:17	1	320-0003925-021 -1.d	Luna NH2 4.6(mm)
240-22648-36	079SB-0069M-0001-SO	04/16/2013 18:35	1	320-0003925-022 -1.d	Luna NH2 4.6(mm)
240-22648-38	079SB-0071M-0001-SO	04/16/2013 18:53	1	320-0003925-023 -1.d	Luna NH2 4.6(mm)
240-22648-40	079SB-0074M-0001-SO	04/16/2013 19:11	1	320-0003925-024 -1.d	Luna NH2 4.6(mm)
240-22648-43	068SB-0046M-0001-SO	04/16/2013 19:28	1	320-0003925-025 -1.d	Luna NH2 4.6(mm)
CCV 320-14432/26 CCVRT		04/16/2013 19:46	1	320-0003925-026 -1.d	Luna NH2 4.6(mm)
240-22648-53	068SB-0041M-0001-SO	04/16/2013 20:04	1	320-0003925-027 -1.d	Luna NH2 4.6(mm)
ZZZZZ		04/16/2013 20:22	1		Luna NH2 4.6(mm)
ZZZZZ		04/16/2013 20:39	1		Luna NH2 4.6(mm)
ZZZZZ		04/16/2013 20:57	1		Luna NH2 4.6(mm)
ZZZZZ		04/16/2013 21:15	1		Luna NH2 4.6(mm)
ZZZZZ		04/16/2013 21:33	1		Luna NH2 4.6(mm)
ZZZZZ		04/16/2013 21:50	1		Luna NH2 4.6(mm)
ZZZZZ		04/16/2013 22:08	1		Luna NH2 4.6(mm)
CCV 320-14432/35 CCVRT		04/16/2013 22:26	1	320-0003925-035 -1.d	Luna NH2 4.6(mm)
CCVL 320-14432/36		04/16/2013 22:44	1	320-0003925-036 -1.d	Luna NH2 4.6(mm)

8330 Modified

HPLC/IC ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Instrument ID: PDA1 Start Date: 04/18/2013 11:49

Analysis Batch Number: 14613 End Date: 04/18/2013 14:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD02 320-14613/4 IC		04/18/2013 11:49	1	320-0003977-004 -1.d	Hydro RP80A 4 4(mm)
STD03 320-14613/5 IC		04/18/2013 12:09	1	320-0003977-005 -1.d	Hydro RP80A 4 4(mm)
STD04 320-14613/6 IC		04/18/2013 12:29	1	320-0003977-006 -1.d	Hydro RP80A 4 4(mm)
STD05 320-14613/7 IC		04/18/2013 12:49	1	320-0003977-007 -1.d	Hydro RP80A 4 4(mm)
STD06 320-14613/8 IC		04/18/2013 13:08	1	320-0003977-008 -1.d	Hydro RP80A 4 4(mm)
STD07 320-14613/9 IC		04/18/2013 13:28	1	320-0003977-009 -1.d	Hydro RP80A 4 4(mm)
ZZZZZ		04/18/2013 13:48	1		Hydro RP80A 4 4(mm)
ICV 320-14613/11		04/18/2013 14:08	1	320-0003977-011 -1.d	Hydro RP80A 4 4(mm)
LODV 320-14613/12		04/18/2013 14:28	1	320-0003977-012 -1.d	Hydro RP80A 4 4(mm)
CCVL 320-14613/13		04/18/2013 14:47	1	320-0003977-013 -1.d	Hydro RP80A 4 4(mm)

8330 Modified

HPLC/IC ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Instrument ID: PDA1 Start Date: 04/19/2013 11:19

Analysis Batch Number: 14692 End Date: 04/19/2013 12:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 320-14692/3 CCVRT		04/19/2013 11:19	1	320-0004000-003 -1.d	Hydro RP80A 4 4(mm)
CCVL 320-14692/4		04/19/2013 11:39	1	320-0004000-004 -1.d	Hydro RP80A 4 4(mm)
MB 320-14079/1-A		04/19/2013 11:59	1	320-0004000-005 -1.d	Hydro RP80A 4 4(mm)
240-22648-13	073SD-0050-0001-SO	04/19/2013 12:19	1	320-0004000-006 -1.d	Hydro RP80A 4 4(mm)
CCV 320-14692/7 CCVRT		04/19/2013 12:38	1	320-0004000-007 -1.d	Hydro RP80A 4 4(mm)
CCVL 320-14692/8		04/19/2013 12:58	1	320-0004000-008 -1.d	Hydro RP80A 4 4(mm)

8330 Modified

HPLC/IC BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Batch Number: 13805 Batch Start Date: 04/08/13 10:17 Batch Analyst: Phan, Tuan

Batch Method: Filtration Batch End Date: 04/08/13 12:20

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	HPNQSP 00006			
MB 320-13805/1		Filtration, 8330 Modified		10 mL	10 mL				
LCS 320-13805/2		Filtration, 8330 Modified		10 mL	10 mL	50 uL			
240-22648-A-18	073SW-0061-0001-SW	Filtration, 8330 Modified	T	10 mL	10 mL				

Batch Notes	
Batch Comment	MILLIPORE WATER DISPENSED 4/1/13
Filter Lot #	0.45 uM MILLIPORE R2SA72748

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

HPLC/IC BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Batch Number: 14079 Batch Start Date: 04/11/13 10:07 Batch Analyst: Phan, Tuan

Batch Method: Sieve/Ultrasoni Batch End Date: 04/15/13 16:25

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	HPNQSP 00006			
MB 320-14079/1		Sieve/Ultrasoni, 8330 Modified		2.00 g	10 mL				
LCS 320-14079/2		Sieve/Ultrasoni, 8330 Modified		2.00 g	10 mL	40 uL			
240-22648-F-13	073SD-0050-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	2.06 g	10 mL				
240-22648-F-29	079SB-0063M-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	2.03 g	10 mL				
240-22648-F-30	079SB-0064M-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	2.04 g	10 mL				
240-22648-F-36	079SB-0069M-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	2.00 g	10 mL				
240-22648-F-38	079SB-0071M-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	2.06 g	10 mL				
240-22648-F-40	079SB-0074M-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	2.00 g	10 mL				
240-22648-F-43	068SB-0046M-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	2.00 g	10 mL				
240-22648-F-53	068SB-0041M-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	2.02 g	10 mL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

HPLC/IC BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Batch Number: 14079 Batch Start Date: 04/11/13 10:07 Batch Analyst: Phan, Tuan

Batch Method: Sieve/Ultrasoni Batch End Date: 04/15/13 16:25

Batch Notes	
Balance ID	QA-070
Calcium Chloride Reagent ID	4515-027C
Date of Clean up	4-15-13
Analyst performed Clean Up	HA
Date Sample was Dried	4-10-13
Filter Lot #	R2SA72748
Filter Type	.45um MILLIPORE
Date Sample was Ground	4-11-13
Person's name who witnessed reagent drop	GB
Blank Sand Lot #	FISHER 120571
Sonication End Date	4-12-13
Sonication Start Date	4-11-13
Sonication Start Time	11:40
Sonication Stop Time	05:40
Maximum Temperature	20 Degrees C
Minimum Temperature	10 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 8330B

Nitroaromatics and Nitramines (HPLC) by Method 8330B

FORM II
HPLC/IC SURROGATE RECOVERY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Synergi C18 ID: 4.6 (mm) GC Column (2): Zorbax CN 4.6 (mm)

Client Sample ID	Lab Sample ID	DNT1 #	DNT2 #
073SD-0050-0001-SO	240-22648-13	92	
073SD-0050-0001-SO	240-22648-13		107
079SB-0063M-0001-SO	240-22648-29	94	
079SB-0064M-0001-SO	240-22648-30	94	
079SB-0064M-0001-SO	240-22648-30		105
079SB-0069M-0001-SO	240-22648-36	94	
079SB-0071M-0001-SO	240-22648-38	93	
079SB-0074M-0001-SO	240-22648-40	94	
068SB-0046M-0001-SO	240-22648-43	94	
068SB-0041M-0001-SO	240-22648-53	94	
068SB-0041M-0001-SO	240-22648-53		107
	MB 320-14065/1-A	93	
	MB 320-14065/1-A		121 M Q
	LCS 320-14065/2-A	96	

	QC LIMITS
DNT = 3,4-Dinitrotoluene	78-118

Column to be used to flag recovery values

FORM II 8330B

FORM II
HPLC/IC SURROGATE RECOVERY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Synergi C18 ID: 4.6 (mm)

Client Sample ID	Lab Sample ID	DNT1	#
073SW-0061-0001-SW	240-22648-18	91	M
	MB 320-13604/1-A	90	
	LCS 320-13604/2-A	91	

	QC LIMITS
DNT = 3,4-Dinitrotoluene	79-111

Column to be used to flag recovery values

FORM II 8330B

FORM III
HPLC/IC LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P-000089.D

Lab ID: LCS 320-13604/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,3-Dinitrobenzene	1.00	0.947	95	72-123	
2,4-Dinitrotoluene	1.00	0.933	93	70-119	
2,6-Dinitrotoluene	1.00	0.921	92	71-119	
2-Amino-4,6-dinitrotoluene	1.00	0.912	91	77-123	
2-Nitrotoluene	1.00	0.972	97	64-120	
4-Amino-2,6-dinitrotoluene	1.00	0.889	89	68-113	
3-Nitrotoluene	1.00	0.960	96	67-114	
HMX	1.00	1.01	101	67-115	
4-Nitrotoluene	1.00	0.961	96	67-115	
Nitrobenzene	1.00	0.931	93	69-119	
RDX	1.00	1.01	101	68-122	
Nitroglycerin	5.00	4.60	92	85-115	
Tetryl	1.00	0.775	77	66-105	
1,3,5-Trinitrobenzene	1.00	0.979	98	74-120	
PETN	5.00	4.82	96	84-117	
2,4,6-Trinitrotoluene	1.00	0.837	84	69-111	

Column to be used to flag recovery and RPD values

FORM III 8330B

FORM III
HPLC/IC LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: S000015.D

Lab ID: LCS 320-14065/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,3-Dinitrobenzene	0.500	0.499	100	81-121	
2,4-Dinitrotoluene	0.500	0.484	97	79-119	
2,6-Dinitrotoluene	0.500	0.484	97	79-119	
2-Amino-4,6-dinitrotoluene	0.500	0.486	97	79-119	
2-Nitrotoluene	0.500	0.478	96	78-118	
4-Amino-2,6-dinitrotoluene	0.500	0.498	100	81-121	
3-Nitrotoluene	0.500	0.486	97	77-117	
HMX	0.500	0.496	99	80-120	
4-Nitrotoluene	0.500	0.480	96	78-118	
Nitrobenzene	0.500	0.498	100	80-120	
RDX	0.500	0.484	97	82-122	
Nitroglycerin	1.00	0.942	94	76-116	
Tetryl	0.500	0.430	86	63-120	
1,3,5-Trinitrobenzene	0.500	0.496	99	81-121	
PETN	1.00	0.948	95	76-116	
2,4,6-Trinitrotoluene	0.500	0.438	88	65-105	

Column to be used to flag recovery and RPD values

FORM III 8330B

FORM IV
HPLC/IC METHOD BLANK SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: MB 320-13604/1-A

Matrix: Water Date Extracted: 04/04/2013 07:31

Lab File ID:(1) P-000088.D Lab File ID:(2)

Date Analyzed:(1) 04/19/2013 22:12 Date Analyzed:(2)

Instrument ID:(1) LC11 Instrument ID:(2)

GC Column:(1) Synergi C18 ID: 4.6(mm) GC Column:(2) ID:

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 320-13604/2-A	04/19/2013 23:09	
073SW-0061-0001-SW	240-22648-18	04/20/2013 00:06	

FORM IV
HPLC/IC METHOD BLANK SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: MB 320-14065/1-A

Matrix: Solid Date Extracted: 04/11/2013 08:24

Lab File ID:(1) S000014.D Lab File ID:(2) X000037.D

Date Analyzed:(1) 04/19/2013 18:45 Date Analyzed:(2) 04/25/2013 08:07

Instrument ID:(1) LC10 Instrument ID:(2) LC12

GC Column:(1) Synergi C18 ID: 4.6(mm) GC Column:(2) Zorbax CN ID: 4.6(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 320-14065/2-A	04/19/2013 19:29	
073SD-0050-0001-SO	240-22648-13	04/19/2013 20:12	04/25/2013 09:13
079SB-0063M-0001-SO	240-22648-29	04/19/2013 20:56	
079SB-0064M-0001-SO	240-22648-30	04/19/2013 21:40	04/25/2013 11:25
079SB-0069M-0001-SO	240-22648-36	04/19/2013 22:23	
079SB-0071M-0001-SO	240-22648-38	04/19/2013 23:07	
079SB-0074M-0001-SO	240-22648-40	04/19/2013 23:51	
068SB-0046M-0001-SO	240-22648-43	04/20/2013 00:34	
068SB-0041M-0001-SO	240-22648-53	04/20/2013 01:18	04/25/2013 12:32

FORM VIII
HPLC/IC ANALYTICAL SEQUENCE

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Sample No.: ICRT 320-14686/7 Date Analyzed: 04/19/2013 14:23

Instrument ID: LC10 GC Column: Synergi C18 ID: 4.6(mm)

Lab File ID (Standard): S000008.D Heated Purge: (Y/N) N

Calibration ID: 2667

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DNT RT #		
INITIAL CALIBRATION SURROGATE				16.28		
UPPER LIMIT				16.53		
LOWER LIMIT				16.03		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
ICRT 320-14686/7		04/19/2013 14:23	S000008.D	16.28		
MB 320-14065/1-A		04/19/2013 18:45	S000014.D	16.36		
LCS 320-14065/2-A		04/19/2013 19:29	S000015.D	16.37		
240-22648-13	073SD-0050-0001-SO	04/19/2013 20:12	S000016.D	16.33		
240-22648-29	079SB-0063M-0001-SO	04/19/2013 20:56	S000017.D	16.37		
240-22648-30	079SB-0064M-0001-SO	04/19/2013 21:40	S000018.D	16.36		
240-22648-36	079SB-0069M-0001-SO	04/19/2013 22:23	S000019.D	16.37		
240-22648-38	079SB-0071M-0001-SO	04/19/2013 23:07	S000020.D	16.37		
240-22648-40	079SB-0074M-0001-SO	04/19/2013 23:51	S000021.D	16.31		
240-22648-43	068SB-0046M-0001-SO	04/20/2013 00:34	S000022.D	16.33		
240-22648-53	068SB-0041M-0001-SO	04/20/2013 01:18	S000023.D	16.34		
CCV 320-14706/11 CCVRT		04/20/2013 02:02	S000024.D	16.34		

DNT = 3,4-Dinitrotoluene

DNT RT Limit = ± 0.25 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8330B

FORM VIII
HPLC/IC ANALYTICAL SEQUENCE

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Sample No.: CCV 320-14412/86 Date Analyzed: 04/19/2013 21:15

Instrument ID: LC11 GC Column: Synergi C18 ID: 4.6(mm)

Lab File ID (Standard): P-000087.D Heated Purge: (Y/N) N

Calibration ID: 1035

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DNT RT #		
CONTINUING CALIBRATION SURROGATE				32.32		
UPPER LIMIT				32.57		
LOWER LIMIT				32.07		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 320-14412/86 CCVRT		04/19/2013 21:15	P-000087.D	32.32		
MB 320-13604/1-A		04/19/2013 22:12	P-000088.D	32.33		
LCS 320-13604/2-A		04/19/2013 23:09	P-000089.D	32.33		
240-22648-18	073SW-0061-0001-SW	04/20/2013 00:06	P-000090.D	32.34		
CCVL 320-14412/92		04/20/2013 03:54	P-000094.D	32.33		

DNT = 3,4-Dinitrotoluene

DNT RT Limit = ± 0.25 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8330B

FORM VIII
HPLC/IC ANALYTICAL SEQUENCE

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Sample No.: CCV 320-14998/3 Date Analyzed: 04/24/2013 23:18

Instrument ID: LC12 GC Column: Zorbax CN ID: 4.6(mm)

Lab File ID (Standard): X000029.D Heated Purge: (Y/N) N

Calibration ID: 2128

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DNT RT #		
CONTINUING CALIBRATION SURROGATE				38.69		
UPPER LIMIT				38.94		
LOWER LIMIT				38.44		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 320-14998/3 CCVRT		04/24/2013 23:18	X000029.D	38.69		
MB 320-14065/1-A		04/25/2013 08:07	X000037.D	38.57		
240-22648-13	073SD-0050-0001-SO	04/25/2013 09:13	X000038.D	38.68		

DNT = 3,4-Dinitrotoluene

DNT RT Limit = ± 0.25 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8330B

FORM VIII
HPLC/IC ANALYTICAL SEQUENCE

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Sample No.: CCVL 320-14998/4 Date Analyzed: 04/25/2013 00:24

Instrument ID: LC12 GC Column: Zorbax CN ID: 4.6(mm)

Lab File ID (Standard): X000030.D Heated Purge: (Y/N) N

Calibration ID: 2128

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DNT RT #		
CONTINUING CALIBRATION SURROGATE				38.62		
UPPER LIMIT				38.87		
LOWER LIMIT				38.37		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVL 320-14998/4 CCVRT		04/25/2013 00:24	X000030.D	38.62		
MB 320-14065/1-A		04/25/2013 08:07	X000037.D	38.57		
240-22648-13	073SD-0050-0001-SO	04/25/2013 09:13	X000038.D	38.68		
240-22648-30	079SB-0064M-0001-SO	04/25/2013 11:25	X000040.D	38.77		
240-22648-53	068SB-0041M-0001-SO	04/25/2013 12:32	X000041.D	38.71		

DNT = 3,4-Dinitrotoluene

DNT RT Limit = ± 0.25 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8330B

FORM VIII
HPLC/IC ANALYTICAL SEQUENCE

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Sample No.: CCV 320-14998/13 Date Analyzed: 04/25/2013 10:19

Instrument ID: LC12 GC Column: Zorbax CN ID: 4.6(mm)

Lab File ID (Standard): X000039.D Heated Purge: (Y/N) N

Calibration ID: 2128

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DNT RT #		
CONTINUING CALIBRATION SURROGATE				38.67		
UPPER LIMIT				38.92		
LOWER LIMIT				38.42		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 320-14998/13 CCVRT		04/25/2013 10:19	X000039.D	38.67		
240-22648-30	079SB-0064M-0001-SO	04/25/2013 11:25	X000040.D	38.77		
240-22648-53	068SB-0041M-0001-SO	04/25/2013 12:32	X000041.D	38.71		

DNT = 3,4-Dinitrotoluene

DNT RT Limit = ± 0.25 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8330B

FORM VIII
HPLC/IC ANALYTICAL SEQUENCE

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Sample No.: CCVL 320-14998/36 Date Analyzed: 04/26/2013 20:29

Instrument ID: LC12 GC Column: Zorbax CN ID: 4.6(mm)

Lab File ID (Standard): X000070.D Heated Purge: (Y/N) N

Calibration ID: 2128

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DNT RT #		
CONTINUING CALIBRATION SURROGATE				38.85		
UPPER LIMIT				39.10		
LOWER LIMIT				38.60		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
MB 320-14065/1-A		04/25/2013 08:07	X000037.D	38.57 *		
240-22648-13	073SD-0050-0001-SO	04/25/2013 09:13	X000038.D	38.68		
240-22648-30	079SB-0064M-0001-SO	04/25/2013 11:25	X000040.D	38.77		
240-22648-53	068SB-0041M-0001-SO	04/25/2013 12:32	X000041.D	38.71		
CCVL 320-14998/36 CCVRT		04/26/2013 20:29	X000070.D	38.85		

DNT = 3,4-Dinitrotoluene

DNT RT Limit = ± 0.25 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8330B

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento | Job No.: 240-22648-1

SDG No.:

Client Sample ID: 073SD-0050-0001-SO | Lab Sample ID: 240-22648-13

Matrix: Solid | Lab File ID: S000016.D

Analysis Method: 8330B | Date Collected: 03/28/2013 13:05

Extraction Method: 8330B | Date Extracted: 04/11/2013 08:24

Sample wt/vol: 10.02(g) | Date Analyzed: 04/19/2013 20:12

Con. Extract Vol.: 80(mL) | Dilution Factor: 1

Injection Volume: 500(uL) | GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 14706 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.012
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.010
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0073
2691-41-0	HMX	0.050	U	0.25	0.050	0.012
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.018
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.015
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
78-11-5	PETN	0.25	U	0.50	0.25	0.025
121-82-4	RDX	0.050	U	0.25	0.050	0.012
479-45-8	Tetryl	0.050	U	0.25	0.050	0.010
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	92		78-118

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20130419-4003.b\S000016.D		
Lims ID:	240-22648-F-13-A	Client ID:	073SD-0050-0001-SO
Inject. Date:	19-Apr-2013 20:12:55	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0004003-003		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	23
Lims Batch ID:	14706	Lims Sample ID:	3
Method:	\\SACChrom\ChromData\LC10\20130419-4003.b\8330_LC10.m		
Last Update:	23-Apr-2013 13:35:59	Calib Date:	19-Apr-2013 15:51:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK035		

First Level Reviewer: shafern Date: 22-Apr-2013 08:06:39

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
27 1,3,5-Trinitrobenzene						
1	9.740	9.644	0.096	450	2.75	
$ 30 3,4-Dinitrotoluene						
1	16.326	16.271	0.055	3294	57.6	
2	16.326	16.274	0.052	6334	59.1	

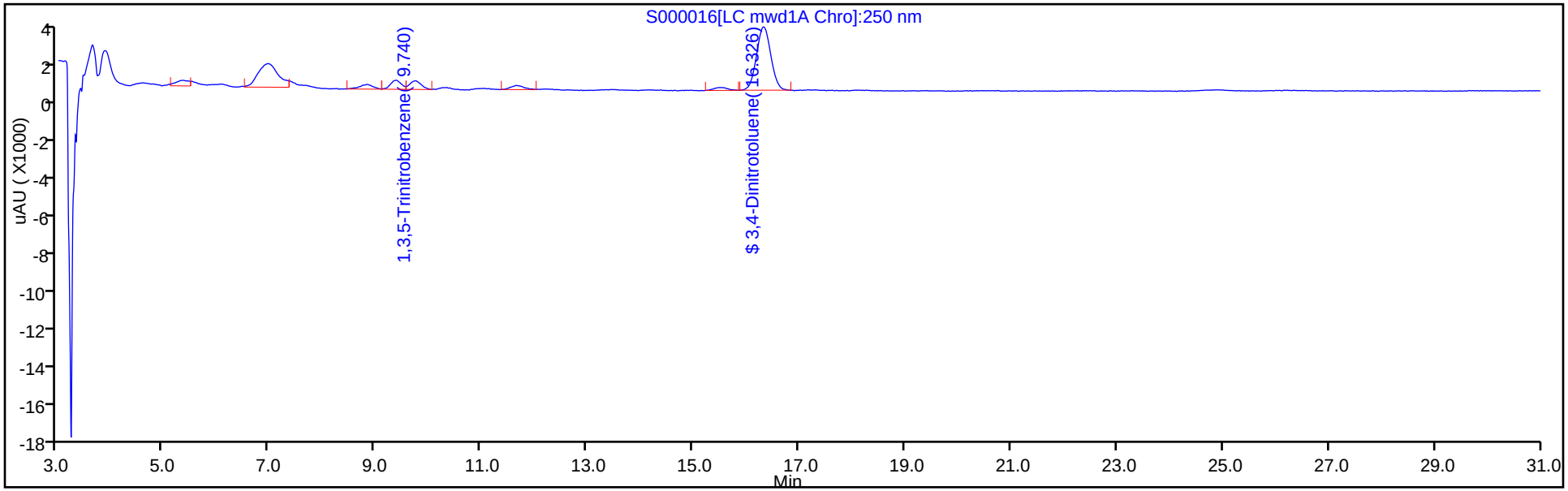
Report Date: 23-Apr-2013 13:36:00 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

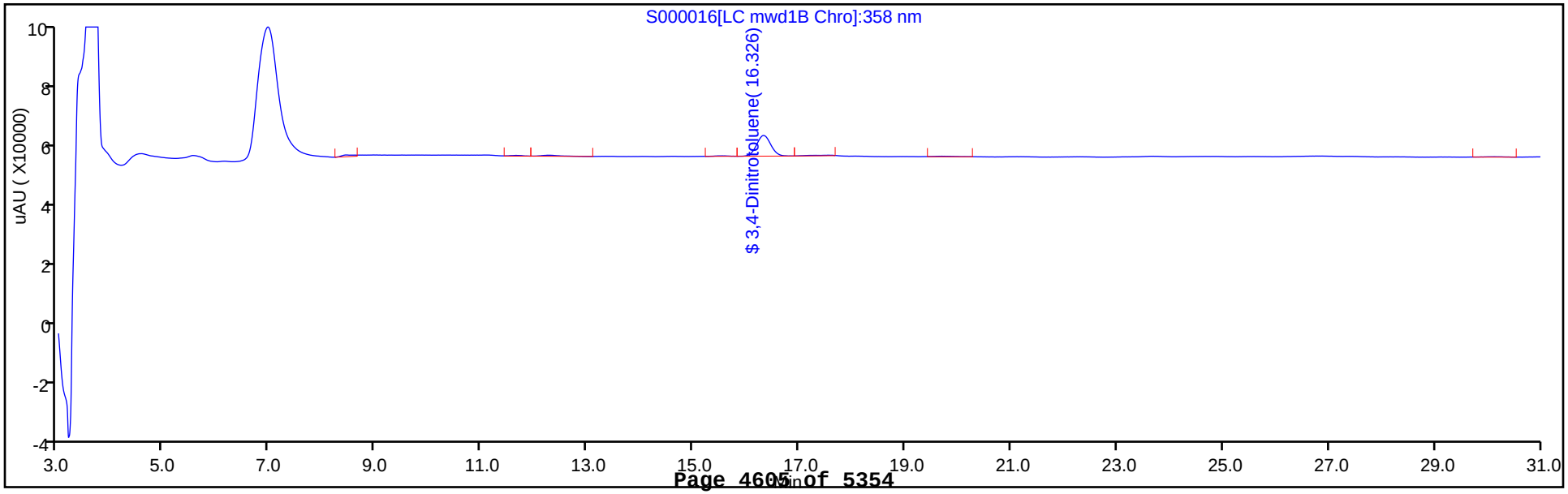
Data File: \\SACChrom\ChromData\LC10\20130419-4003.b\S000016.D

Injection Date:	19-Apr-2013 20:12:55	Limit Group:	LC 8330B ICAL
Client ID:	073SD-0050-0001-SO	Instrument ID:	LC10
Lims Batch ID:	14706	Lims Sample ID:	3
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Client Sample ID: 073SD-0050-0001-SO Lab Sample ID: 240-22648-13

Matrix: Solid Lab File ID: X000038.D

Analysis Method: 8330B Date Collected: 03/28/2013 13:05

Extraction Method: 8330B Date Extracted: 04/11/2013 08:24

Sample wt/vol: 10.02(g) Date Analyzed: 04/25/2013 09:13

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Zorbax CN ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 14998 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.010

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	107		78-118

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20130424-4083.b\X000038.D		
Lims ID:	240-22648-F-13-A	Client ID:	073SD-0050-0001-SO
Inject. Date:	25-Apr-2013 09:13:40	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0004083-012		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	38
Lims Batch ID:	14998	Lims Sample ID:	12
Method:	\\SACChrom\ChromData\LC12\20130424-4083.b\LC12_Conf_8330.m		
Last Update:	25-Apr-2013 12:32:14	Calib Date:	07-Mar-2013 16:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20130307-3157.b\G000007.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK032		

First Level Reviewer: noonanr Date: 25-Apr-2013 12:27:34

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
$ 30 3,4-Dinitrotoluene						
1	38.675	38.623	0.052	3578	67.0	
7 Nitroglycerin						
2	44.951	44.883	0.068	328	3.58	
20 Tetryl						M
1	46.495	46.586	-0.091	227	1.91	M
21 PETN						M
2	53.288	53.156	0.132	657	4.48	M

QC Flag Legend

Review Flags
M - Manually Integrated

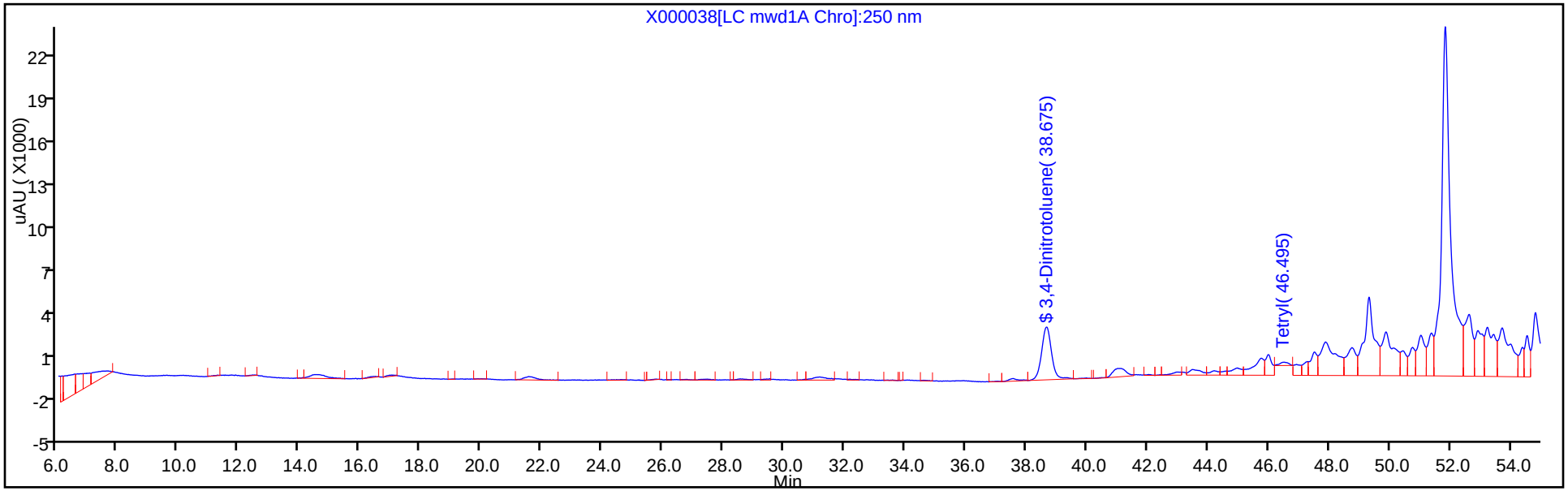
Report Date: 25-Apr-2013 12:32:14 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

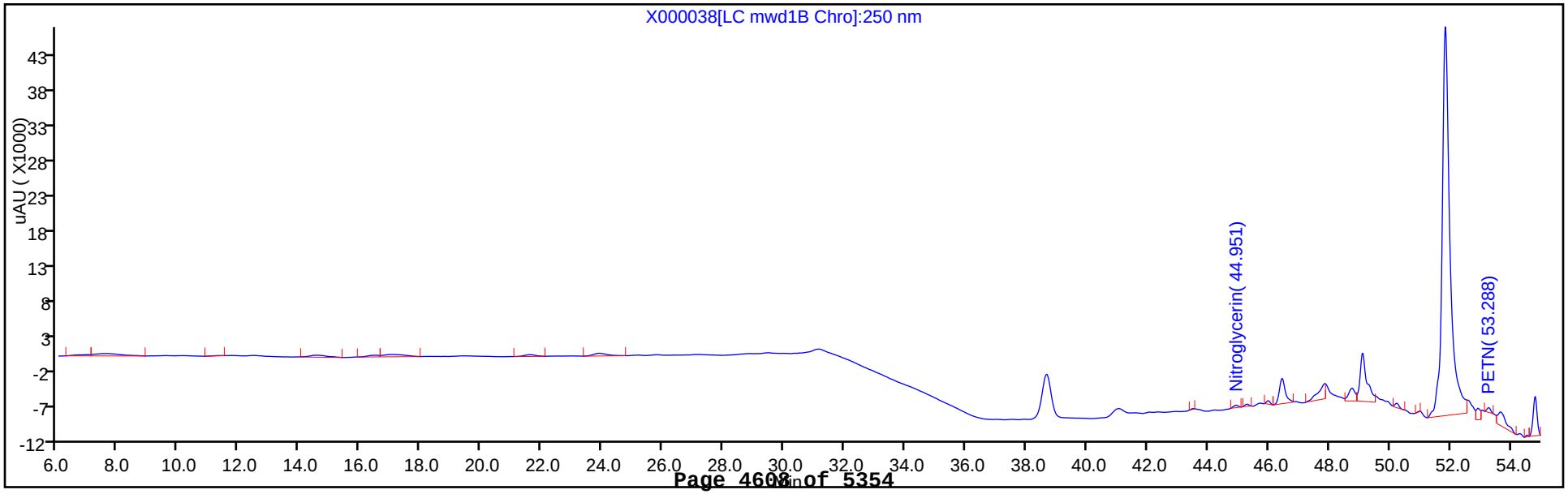
Data File: \\SACChrom\ChromData\LC12\20130424-4083.b\X000038.D

Injection Date:	25-Apr-2013 09:13:40	Limit Group:	LC 8330B ICAL
Client ID:	073SD-0050-0001-SO	Instrument ID:	LC12
Lims Batch ID:	14998	Lims Sample ID:	12
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

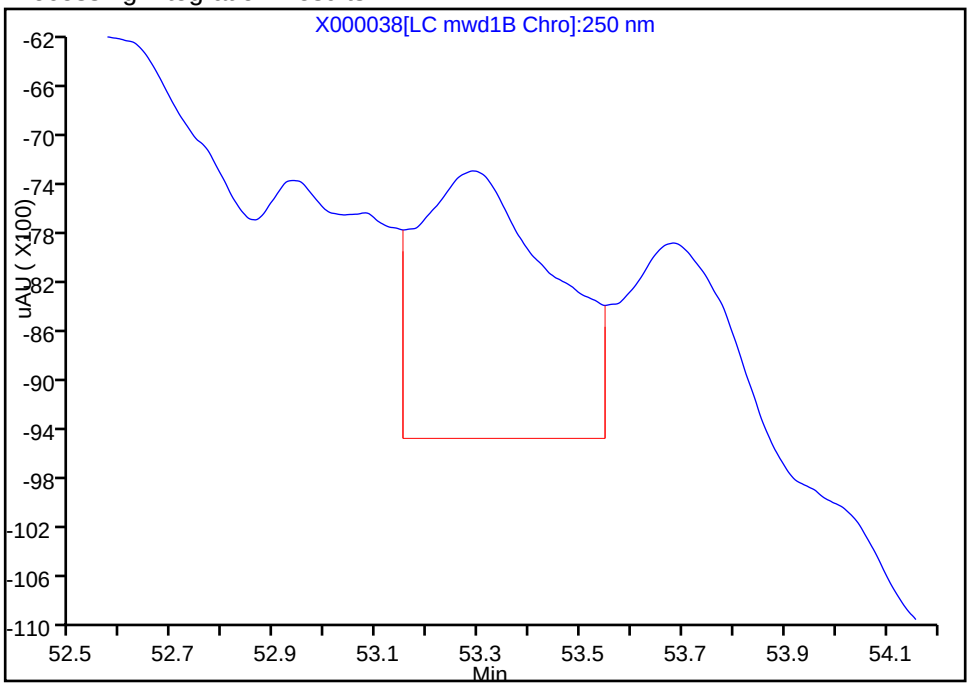
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC12\20130424-4083.b\X000038.D		
Injection Date:	25-Apr-2013 09:13:40	Limit Group:	LC 8330B ICAL
Client ID:	073SD-0050-0001-SO	Instrument ID:	LC12
Lims Batch ID:	14998	Lims Sample ID:	12
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

21 PETN, Signal: 1, Type: quant, RT: 53.16, Det: LC mwd1B

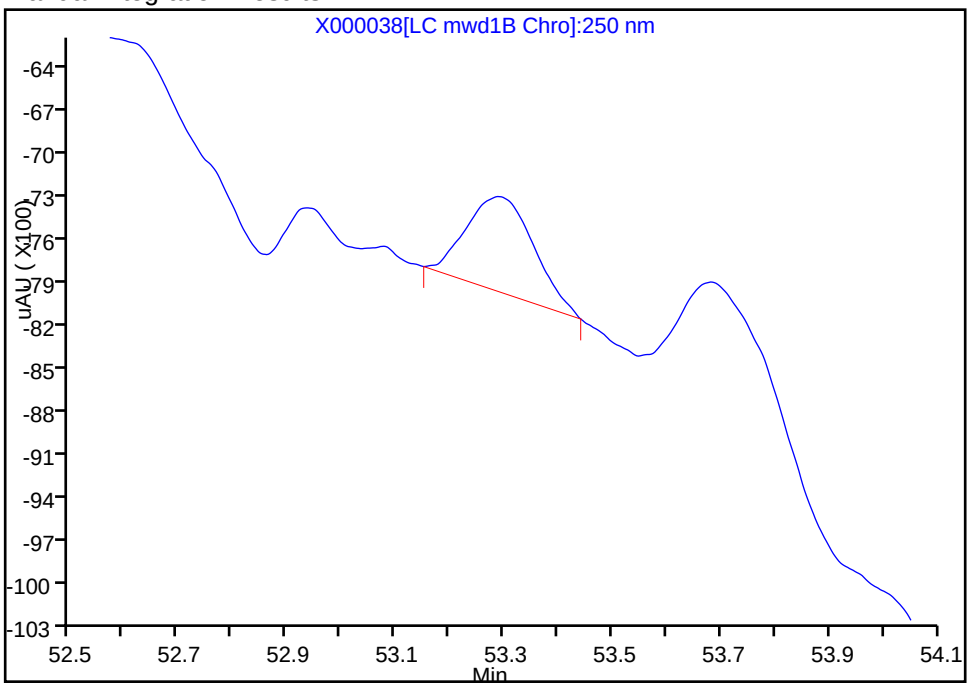
Processing Integration Results

RT: 53.29
Response: 2200
Amount: 14.990358



Manual Integration Results

RT: 53.29
Response: 657
Amount: 4.476666



Reviewer: noonanr, 25-Apr-2013 12:27:34
Audit Action: Manually Integrated
Audit Reason: Sample matrix interference

Manual Integration/User Assign Peak Report

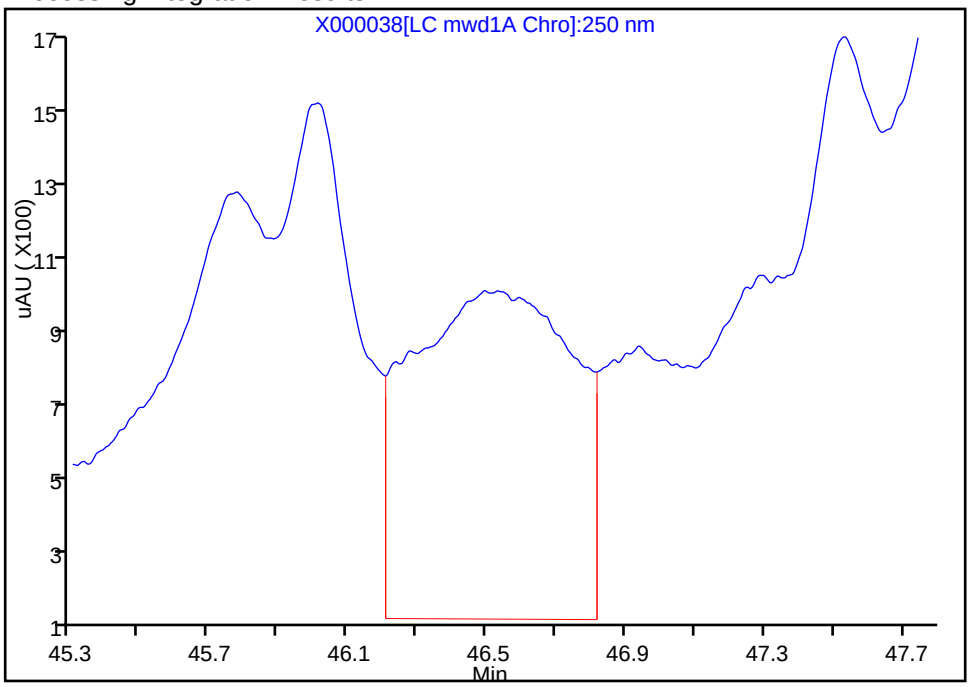
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC12\20130424-4083.b\X000038.D		
Injection Date:	25-Apr-2013 09:13:40	Limit Group:	LC 8330B ICAL
Client ID:	073SD-0050-0001-SO	Instrument ID:	LC12
Lims Batch ID:	14998	Lims Sample ID:	12
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

20 Tetryl, Signal: 1, Type: quant, RT: 46.59, Det: LC mwd1A

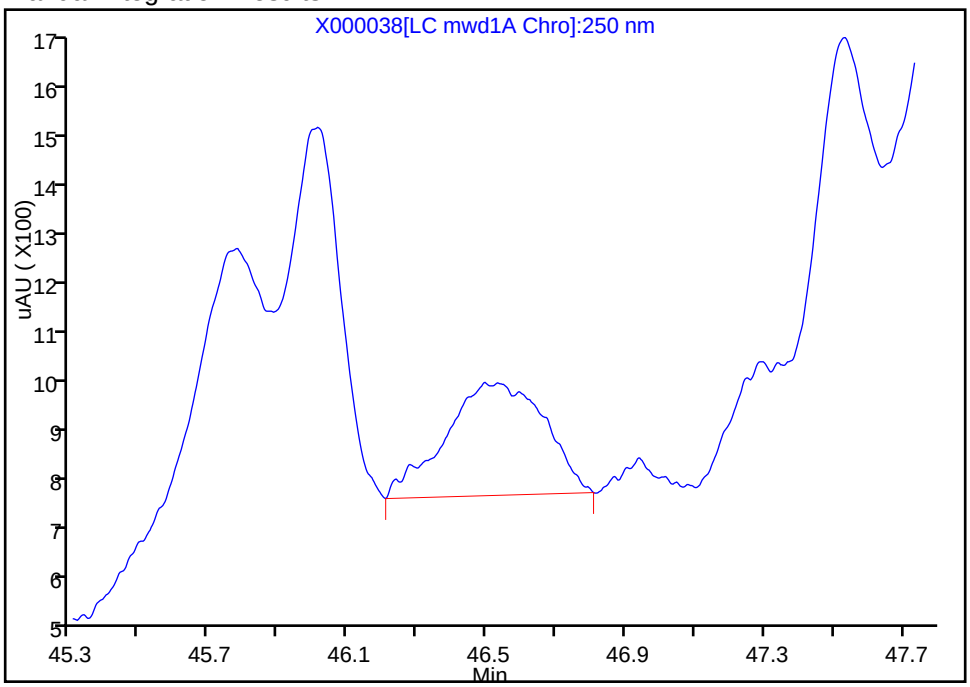
Processing Integration Results

RT: 46.49
Response: 892
Amount: 7.499721



Manual Integration Results

RT: 46.49
Response: 227
Amount: 1.908561



Reviewer: noonanr, 25-Apr-2013 12:27:34
Audit Action: Manually Integrated
Audit Reason: Sample matrix interference

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento | Job No.: 240-22648-1

SDG No.:

Client Sample ID: 073SW-0061-0001-SW | Lab Sample ID: 240-22648-18

Matrix: Water | Lab File ID: P-000090.D

Analysis Method: 8330B | Date Collected: 03/28/2013 13:00

Extraction Method: 8330-Prep | Date Extracted: 04/04/2013 07:31

Sample wt/vol: 881.6(mL) | Date Analyzed: 04/20/2013 00:06

Con. Extract Vol.: 20(mL) | Dilution Factor: 1

Injection Volume: 500(uL) | GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 14412 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
99-35-4	1,3,5-Trinitrobenzene	0.057	U	0.11	0.057	0.035
99-65-0	1,3-Dinitrobenzene	0.11	U	0.11	0.11	0.057
118-96-7	2,4,6-Trinitrotoluene	0.11	U	0.11	0.11	0.057
121-14-2	2,4-Dinitrotoluene	0.11	U	0.11	0.11	0.057
606-20-2	2,6-Dinitrotoluene	0.11	U	0.11	0.11	0.057
35572-78-2	2-Amino-4,6-dinitrotoluene	0.11	U	0.23	0.11	0.017
88-72-2	2-Nitrotoluene	0.11	U	0.57	0.11	0.10
99-08-1	3-Nitrotoluene	0.11	U	0.57	0.11	0.065
99-99-0	4-Nitrotoluene	0.11	U	0.57	0.11	0.10
19406-51-0	4-Amino-2,6-dinitrotoluene	0.11	U	0.11	0.11	0.057
2691-41-0	HMX	0.057	U	0.11	0.057	0.041
121-82-4	RDX	0.057	U	0.11	0.057	0.041
98-95-3	Nitrobenzene	0.11	U	0.11	0.11	0.057
479-45-8	Tetryl	0.11	U	0.11	0.11	0.057
55-63-0	Nitroglycerin	0.57	U	0.74	0.57	0.37
78-11-5	PETN	0.57	U	0.74	0.57	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	91	M	79-111

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC11\20130416-3912.b\P-000090.D		
Lims ID:	240-22648-O-18-A	Client ID:	073SW-0061-0001-SW
Inject. Date:	20-Apr-2013 00:06:19	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0003912-089		
Misc. Info.:			
Operator:	KR/RN	Instrument ID:	LC11
Injection Vol:	500.0 ul	ALS Bottle#:	86
Lims Batch ID:	14412	Lims Sample ID:	89
Method:	\\SACChrom\ChromData\LC11\20130416-3912.b\8330 Metab LC11.m		
Last Update:	22-Apr-2013 15:46:05	Calib Date:	30-Apr-2012 21:31:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC11\20120531-303.b\M-009.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK016		

First Level Reviewer: noonanr Date: 22-Apr-2013 15:46:17

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
$ 30 3,4-Dinitrotoluene						M
1	32.335	32.320	0.015	7940	113.7	M
2	32.335	32.323	0.012	16820	130.3	

QC Flag Legend

Review Flags
M - Manually Integrated

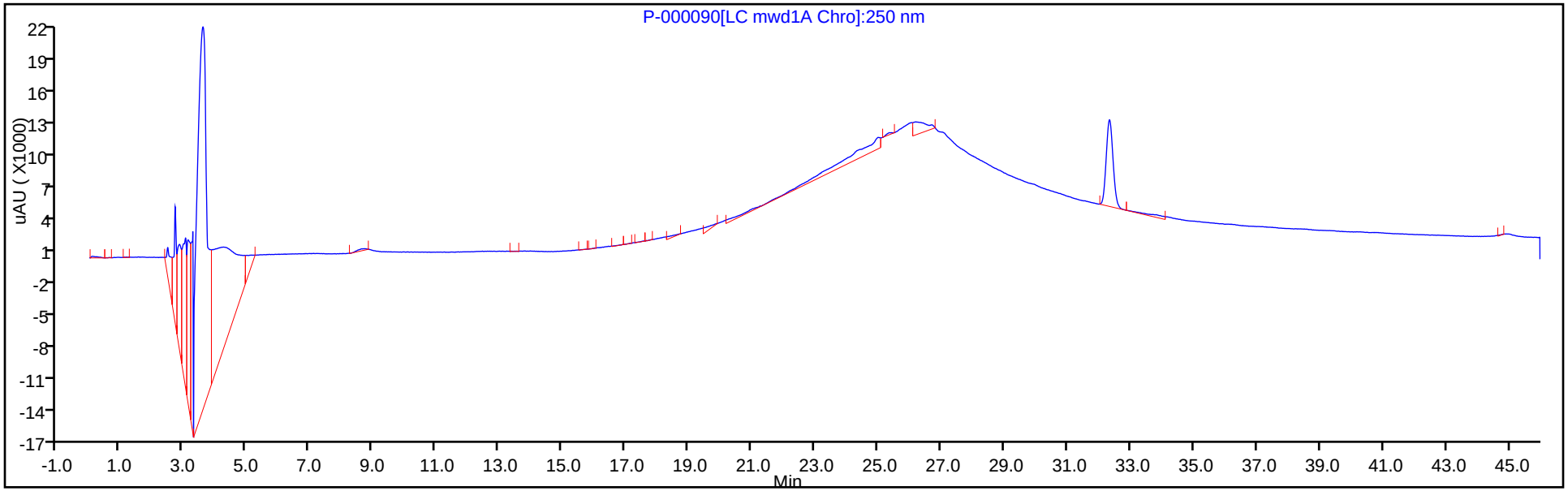
Report Date: 22-Apr-2013 15:46:18 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

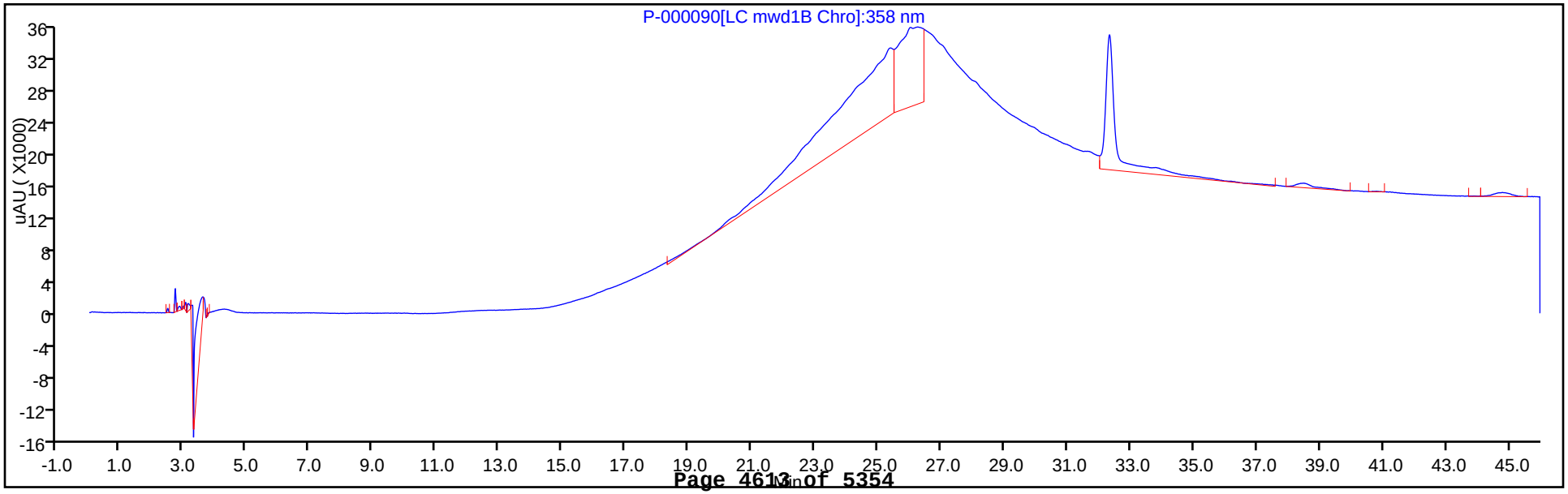
Data File: \\SACChrom\ChromData\LC11\20130416-3912.b\P-000090.D

Injection Date:	20-Apr-2013 00:06:19	Limit Group:	LC 8330B ICAL
Client ID:	073SW-0061-0001-SW	Instrument ID:	LC11
Lims Batch ID:	14412	Lims Sample ID:	89
Operator ID:	KR/RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Y Scaling:



Manual Integration/User Assign Peak Report

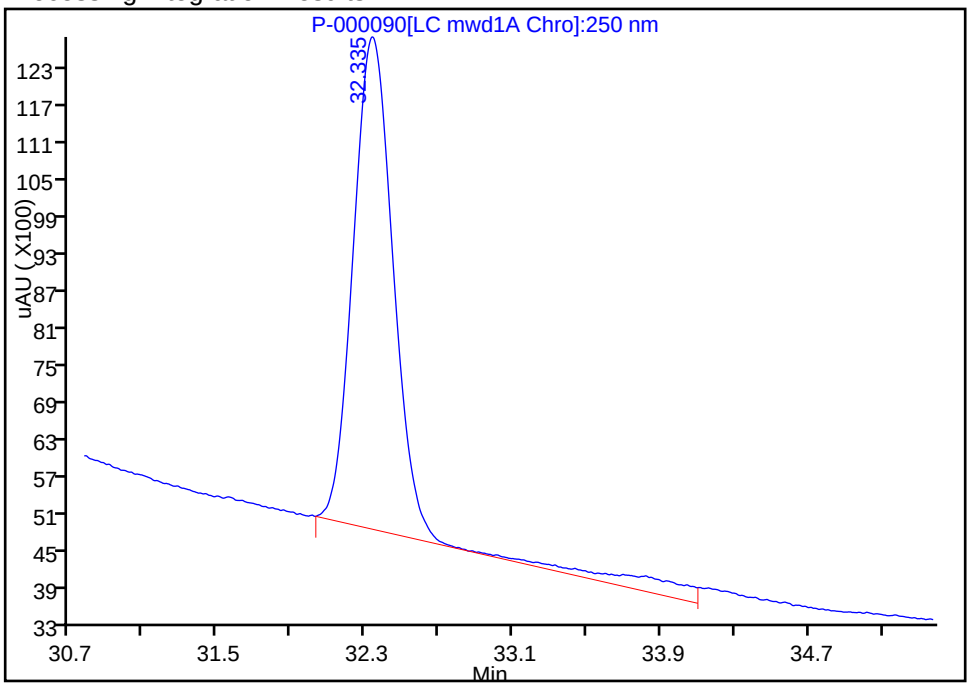
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC11\20130416-3912.b\P-000090.D		
Injection Date:	20-Apr-2013 00:06:19	Limit Group:	LC 8330B ICAL
Client ID:	073SW-0061-0001-SW	Instrument ID:	LC11
Lims Batch ID:	14412	Lims Sample ID:	89
Operator ID:	KR/RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

$ 30 3,4-Dinitrotoluene, Signal: 1, Type: quant, RT: 32.32, Det: LC mwd1A

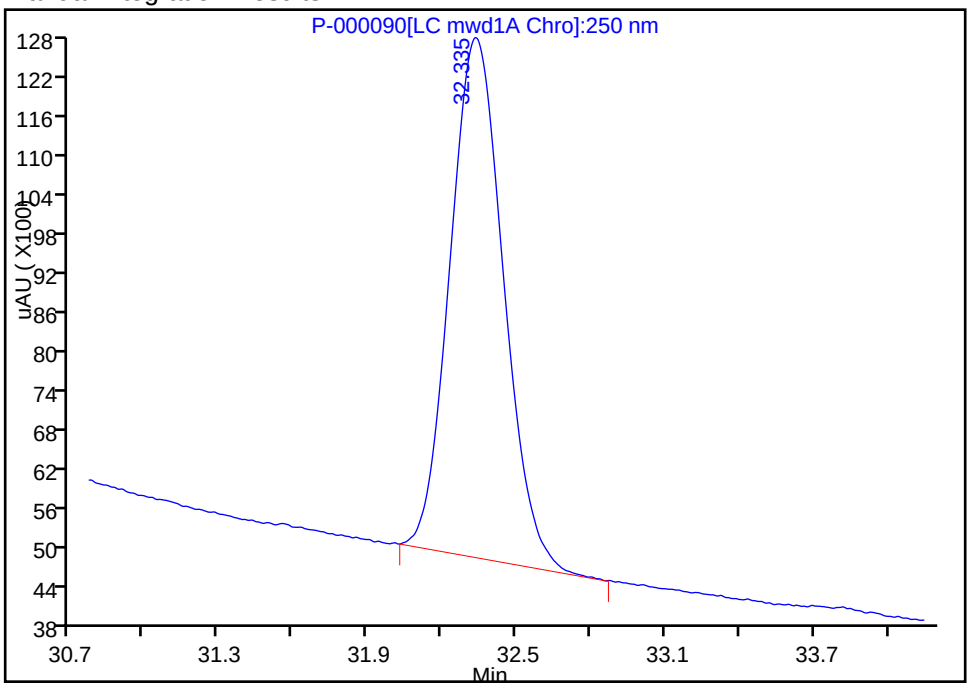
Processing Integration Results

RT: 32.33
Response: 7940
Amount: 113.7446



Manual Integration Results

RT: 32.33
Response: 7940
Amount: 113.7446



Reviewer: noonanr, 22-Apr-2013 15:46:05
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento | Job No.: 240-22648-1

SDG No.:

Client Sample ID: 079SB-0063M-0001-SO | Lab Sample ID: 240-22648-29

Matrix: Solid | Lab File ID: S000017.D

Analysis Method: 8330B | Date Collected: 03/28/2013 14:37

Extraction Method: 8330B | Date Extracted: 04/11/2013 08:24

Sample wt/vol: 10.07(g) | Date Analyzed: 04/19/2013 20:56

Con. Extract Vol.: 80(mL) | Dilution Factor: 1

Injection Volume: 500(uL) | GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 14706 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.012
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.0099
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0072
2691-41-0	HMX	0.050	U	0.25	0.050	0.012
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.017
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.015
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
78-11-5	PETN	0.25	U	0.50	0.25	0.025
121-82-4	RDX	0.050	U	0.25	0.050	0.012
479-45-8	Tetryl	0.050	U	0.25	0.050	0.0099
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.0099
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	94		78-118

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20130419-4003.b\S000017.D		
Lims ID:	240-22648-F-29-A	Client ID:	079SB-0063M-0001-SO
Inject. Date:	19-Apr-2013 20:56:33	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0004003-004		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	24
Lims Batch ID:	14706	Lims Sample ID:	4
Method:	\\SACChrom\ChromData\LC10\20130419-4003.b\8330_LC10.m		
Last Update:	22-Apr-2013 09:55:39	Calib Date:	19-Apr-2013 15:51:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK024		

First Level Reviewer: shafern Date: 22-Apr-2013 08:07:26

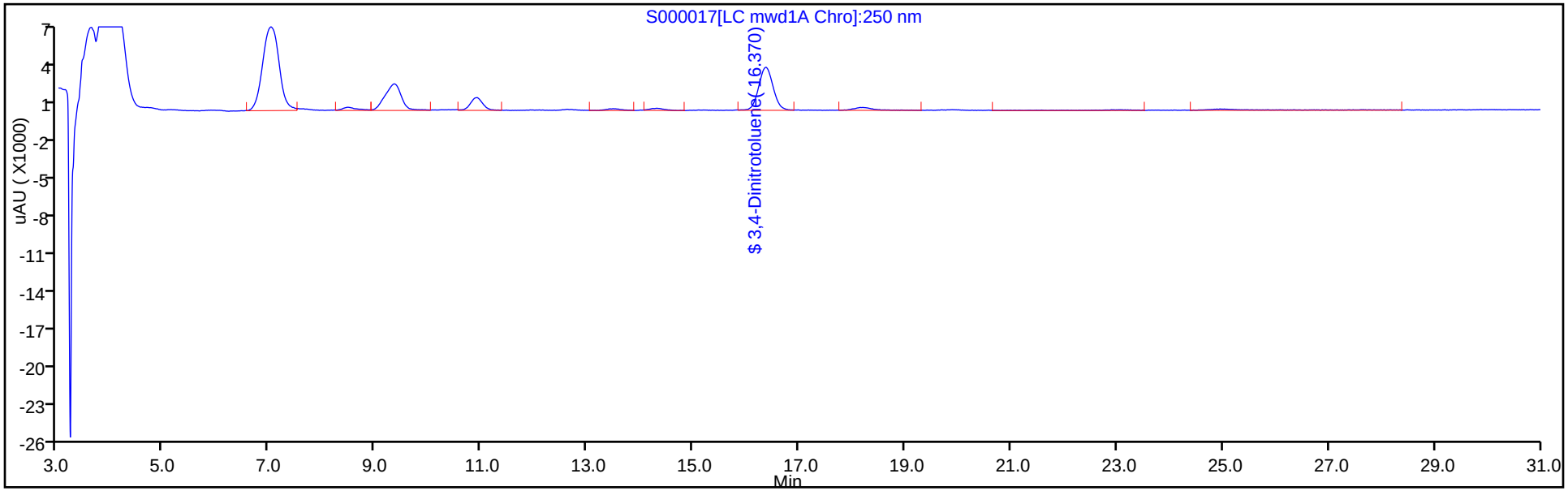
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
$ 30 3,4-Dinitrotoluene						
1	16.370	16.271	0.099	3368	58.9	
2	16.370	16.274	0.096	6518	60.8	

Report Date: 22-Apr-2013 09:55:45 Chrom Revision: 2.1 07-Apr-2013 20:36:54

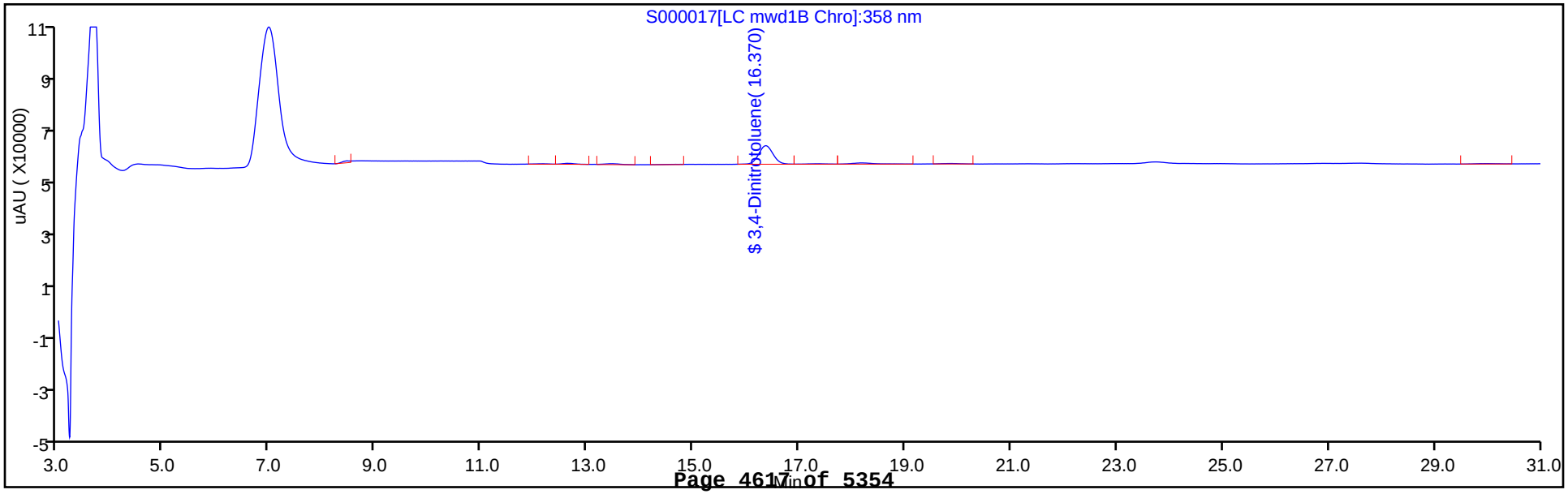
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC10\20130419-4003.b\S000017.D		
Injection Date:	19-Apr-2013 20:56:33	Limit Group:	LC 8330B ICAL
Client ID:	079SB-0063M-0001-SO	Instrument ID:	LC10
Lims Batch ID:	14706	Lims Sample ID:	4
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento | Job No.: 240-22648-1

SDG No.:

Client Sample ID: 079SB-0064M-0001-SO | Lab Sample ID: 240-22648-30

Matrix: Solid | Lab File ID: S000018.D

Analysis Method: 8330B | Date Collected: 03/28/2013 14:00

Extraction Method: 8330B | Date Extracted: 04/11/2013 08:24

Sample wt/vol: 10.00(g) | Date Analyzed: 04/19/2013 21:40

Con. Extract Vol.: 80(mL) | Dilution Factor: 1

Injection Volume: 500(uL) | GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 14706 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.013
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.010
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0073
2691-41-0	HMX	0.050	U	0.25	0.050	0.012
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.018
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.016
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
121-82-4	RDX	0.050	U	0.25	0.050	0.012
479-45-8	Tetryl	0.050	U	0.25	0.050	0.010
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.010
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	94		78-118

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20130419-4003.b\S000018.D		
Lims ID:	240-22648-F-30-A	Client ID:	079SB-0064M-0001-SO
Inject. Date:	19-Apr-2013 21:40:11	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0004003-005		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	25
Lims Batch ID:	14706	Lims Sample ID:	5
Method:	\\SACChrom\ChromData\LC10\20130419-4003.b\8330_LC10.m		
Last Update:	22-Apr-2013 09:55:39	Calib Date:	19-Apr-2013 15:51:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK024		

First Level Reviewer: shafern Date: 22-Apr-2013 08:07:54

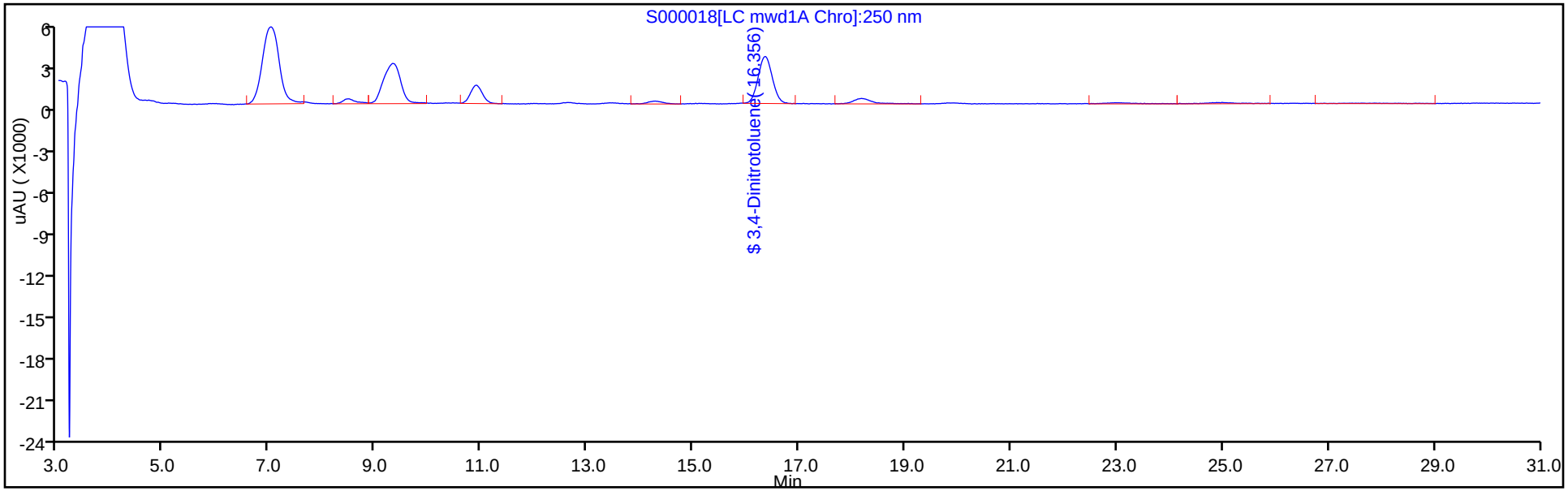
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
$ 30 3,4-Dinitrotoluene						
1	16.356	16.271	0.085	3356	58.7	
2	16.356	16.274	0.082	6551	61.1	
21 PETN						
2	27.643	27.491	0.152	161	4.09	

Report Date: 22-Apr-2013 09:55:43 Chrom Revision: 2.1 07-Apr-2013 20:36:54

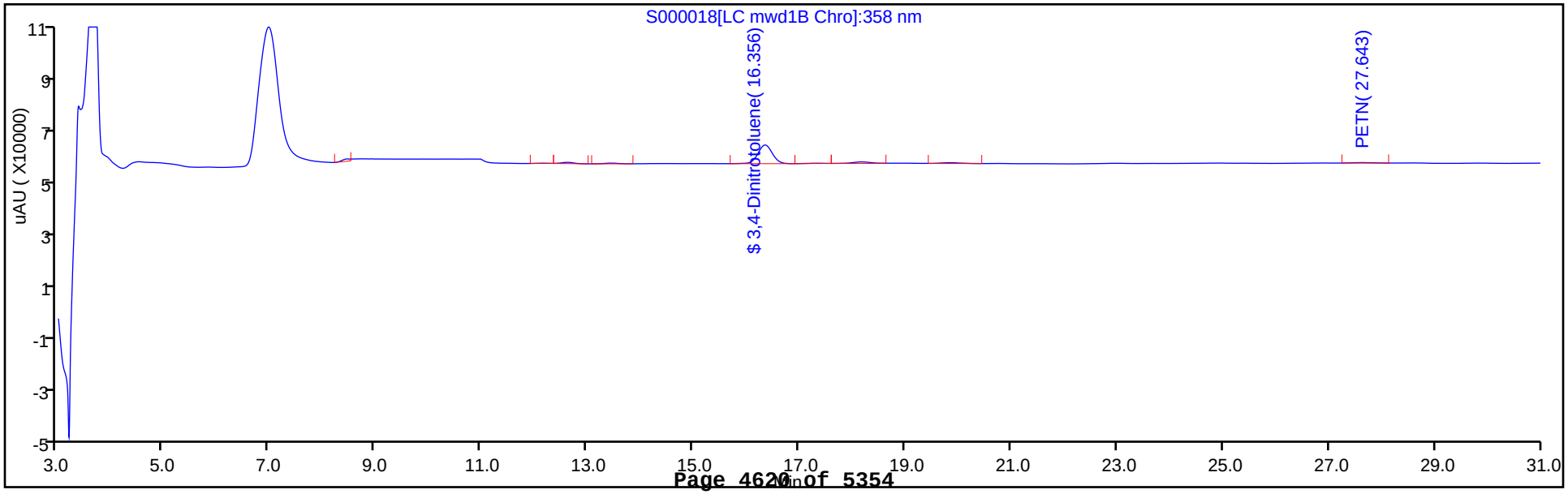
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC10\20130419-4003.b\S000018.D		
Injection Date:	19-Apr-2013 21:40:11	Limit Group:	LC 8330B ICAL
Client ID:	079SB-0064M-0001-SO	Instrument ID:	LC10
Lims Batch ID:	14706	Lims Sample ID:	5
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Client Sample ID: 079SB-0064M-0001-SO Lab Sample ID: 240-22648-30

Matrix: Solid Lab File ID: X000040.D

Analysis Method: 8330B Date Collected: 03/28/2013 14:00

Extraction Method: 8330B Date Extracted: 04/11/2013 08:24

Sample wt/vol: 10.00(g) Date Analyzed: 04/25/2013 11:25

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Zorbax CN ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 14998 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-11-5	PETN	0.25	U	0.50	0.25	0.025

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	105		78-118

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20130424-4083.b\X000040.D		
Lims ID:	240-22648-F-30-A	Client ID:	079SB-0064M-0001-SO
Inject. Date:	25-Apr-2013 11:25:58	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0004083-014		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	39
Lims Batch ID:	14998	Lims Sample ID:	14
Method:	\\SACChrom\ChromData\LC12\20130424-4083.b\LC12_Conf_8330.m		
Last Update:	26-Apr-2013 09:28:45	Calib Date:	07-Mar-2013 16:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20130307-3157.b\G000007.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK019		

First Level Reviewer: noonanr Date: 26-Apr-2013 09:28:45

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
$ 30 3,4-Dinitrotoluene						
1	38.774	38.668	0.106	3496	65.4	
20 Tetryl						
1	46.551	46.598	-0.047	209	1.76	

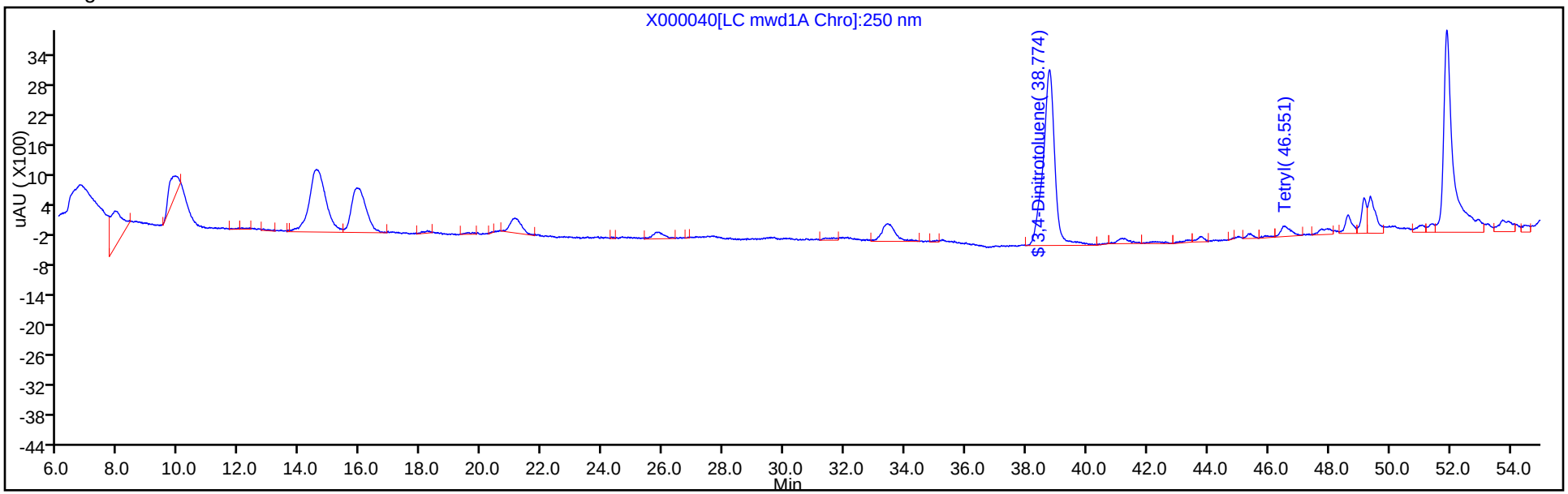
Report Date: 26-Apr-2013 09:28:45 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

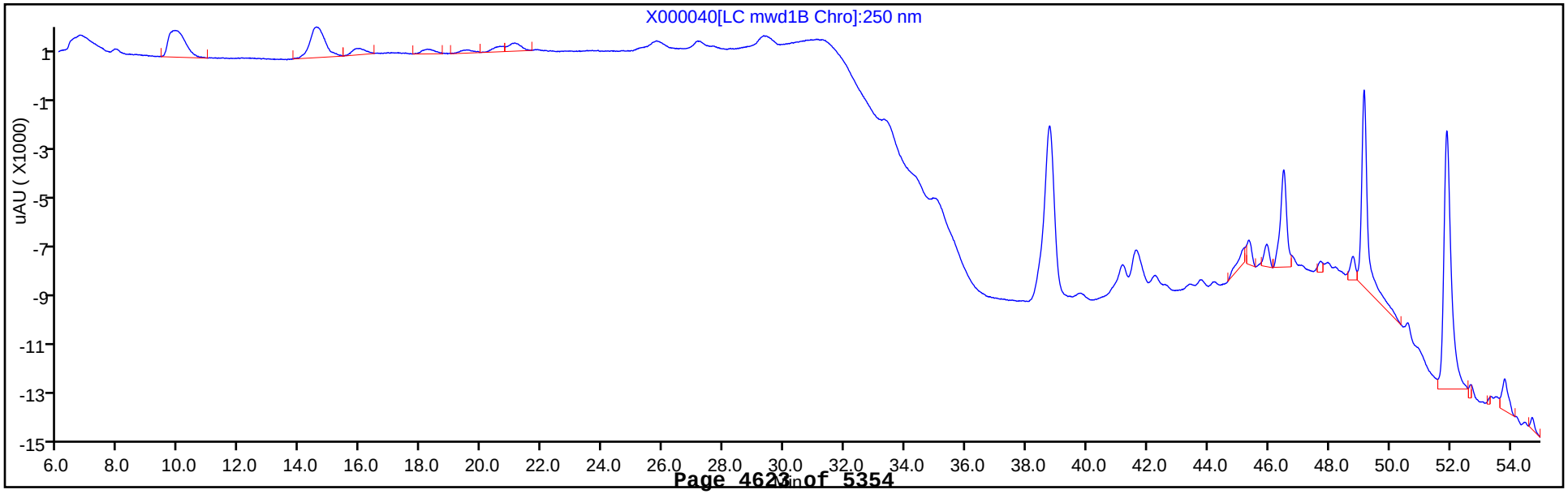
Data File: \\SACChrom\ChromData\LC12\20130424-4083.b\X000040.D

Injection Date:	25-Apr-2013 11:25:58	Limit Group:	LC 8330B ICAL
Client ID:	079SB-0064M-0001-SO	Instrument ID:	LC12
Lims Batch ID:	14998	Lims Sample ID:	14
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Client Sample ID: 079SB-0069M-0001-SO Lab Sample ID: 240-22648-36

Matrix: Solid Lab File ID: S000019.D

Analysis Method: 8330B Date Collected: 03/28/2013 16:15

Extraction Method: 8330B Date Extracted: 04/11/2013 08:24

Sample wt/vol: 10.03(g) Date Analyzed: 04/19/2013 22:23

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 14706 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.012
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.010
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0073
2691-41-0	HMX	0.050	U	0.25	0.050	0.012
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.018
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.015
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
78-11-5	PETN	0.25	U	0.50	0.25	0.025
121-82-4	RDX	0.050	U	0.25	0.050	0.012
479-45-8	Tetryl	0.050	U	0.25	0.050	0.010
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.010
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	94		78-118

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20130419-4003.b\S000019.D		
Lims ID:	240-22648-F-36-A	Client ID:	079SB-0069M-0001-SO
Inject. Date:	19-Apr-2013 22:23:54	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0004003-006		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	26
Lims Batch ID:	14706	Lims Sample ID:	6
Method:	\\SACChrom\ChromData\LC10\20130419-4003.b\8330_LC10.m		
Last Update:	22-Apr-2013 09:55:39	Calib Date:	19-Apr-2013 15:51:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK024		

First Level Reviewer: shafern Date: 22-Apr-2013 08:08:37

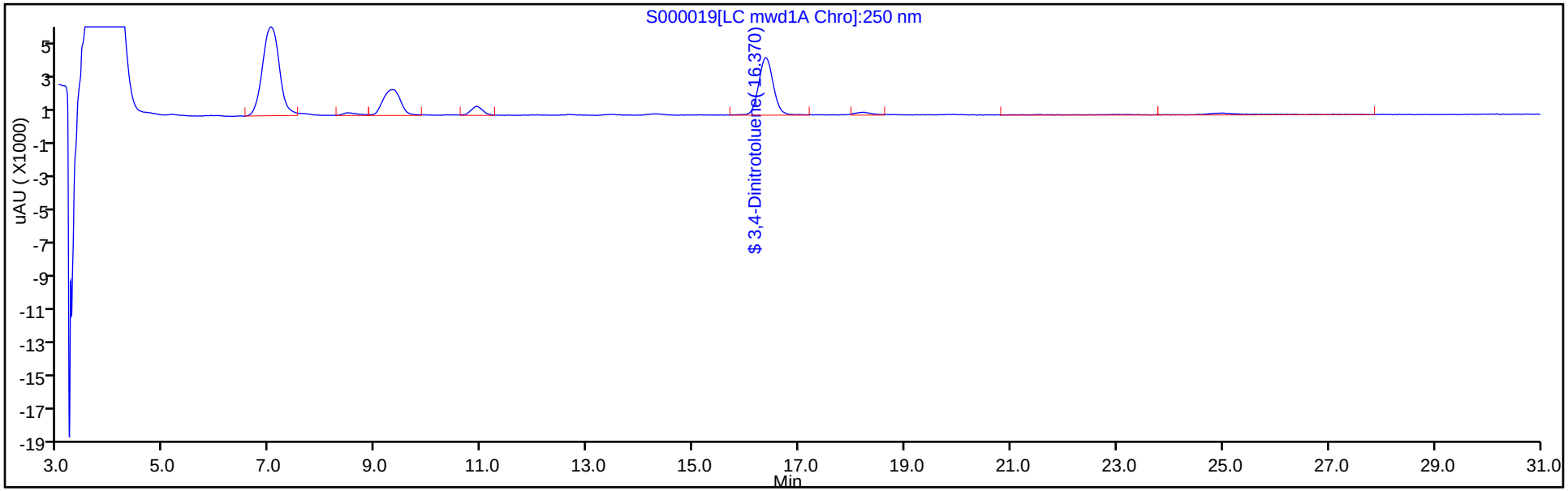
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
$ 30 3,4-Dinitrotoluene						
1	16.370	16.271	0.099	3359	58.7	
2	16.370	16.274	0.096	6489	60.6	

Report Date: 22-Apr-2013 09:55:43 Chrom Revision: 2.1 07-Apr-2013 20:36:54

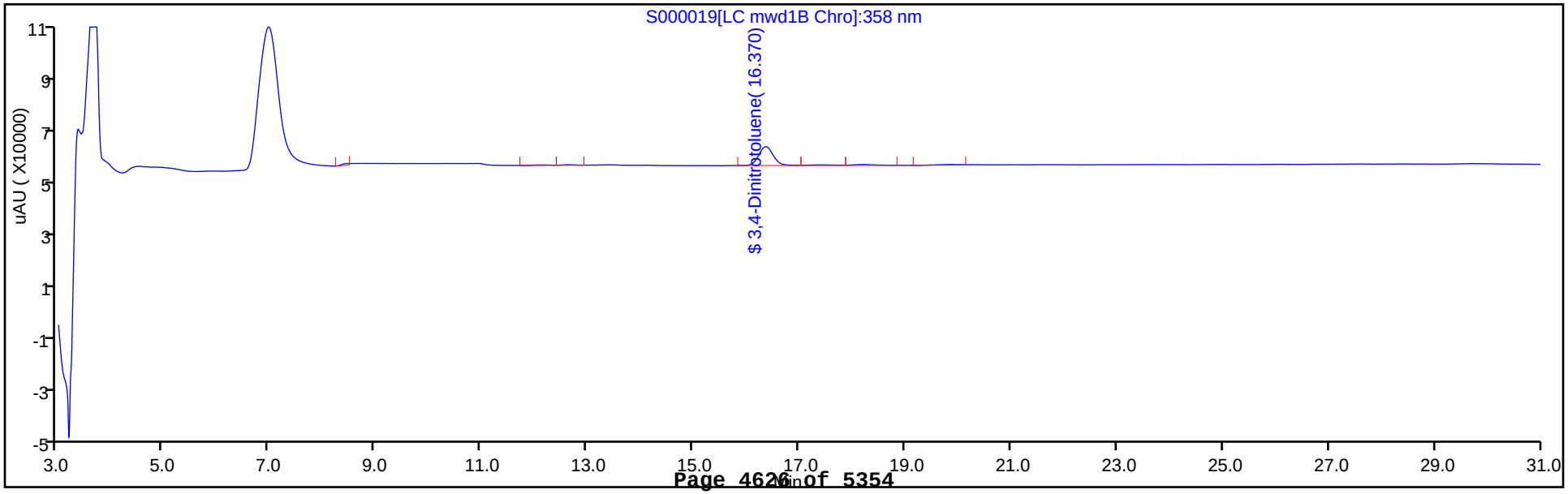
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC10\20130419-4003.b\S000019.D		
Injection Date:	19-Apr-2013 22:23:54	Limit Group:	LC 8330B ICAL
Client ID:	079SB-0069M-0001-SO	Instrument ID:	LC10
Lims Batch ID:	14706	Lims Sample ID:	6
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento | Job No.: 240-22648-1

SDG No.:

Client Sample ID: 079SB-0071M-0001-SO | Lab Sample ID: 240-22648-38

Matrix: Solid | Lab File ID: S000020.D

Analysis Method: 8330B | Date Collected: 03/28/2013 16:34

Extraction Method: 8330B | Date Extracted: 04/11/2013 08:24

Sample wt/vol: 10.03(g) | Date Analyzed: 04/19/2013 23:07

Con. Extract Vol.: 80(mL) | Dilution Factor: 1

Injection Volume: 500(uL) | GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 14706 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.012
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.010
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0073
2691-41-0	HMX	0.050	U	0.25	0.050	0.012
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.018
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.015
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
78-11-5	PETN	0.25	U	0.50	0.25	0.025
121-82-4	RDX	0.050	U	0.25	0.050	0.012
479-45-8	Tetryl	0.050	U	0.25	0.050	0.010
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.010
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	93		78-118

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20130419-4003.b\S000020.D		
Lims ID:	240-22648-F-38-A	Client ID:	079SB-0071M-0001-SO
Inject. Date:	19-Apr-2013 23:07:34	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0004003-007		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	27
Lims Batch ID:	14706	Lims Sample ID:	7
Method:	\\SACChrom\ChromData\LC10\20130419-4003.b\8330_LC10.m		
Last Update:	22-Apr-2013 09:55:39	Calib Date:	19-Apr-2013 15:51:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK024		

First Level Reviewer: shafern Date: 22-Apr-2013 08:10:08

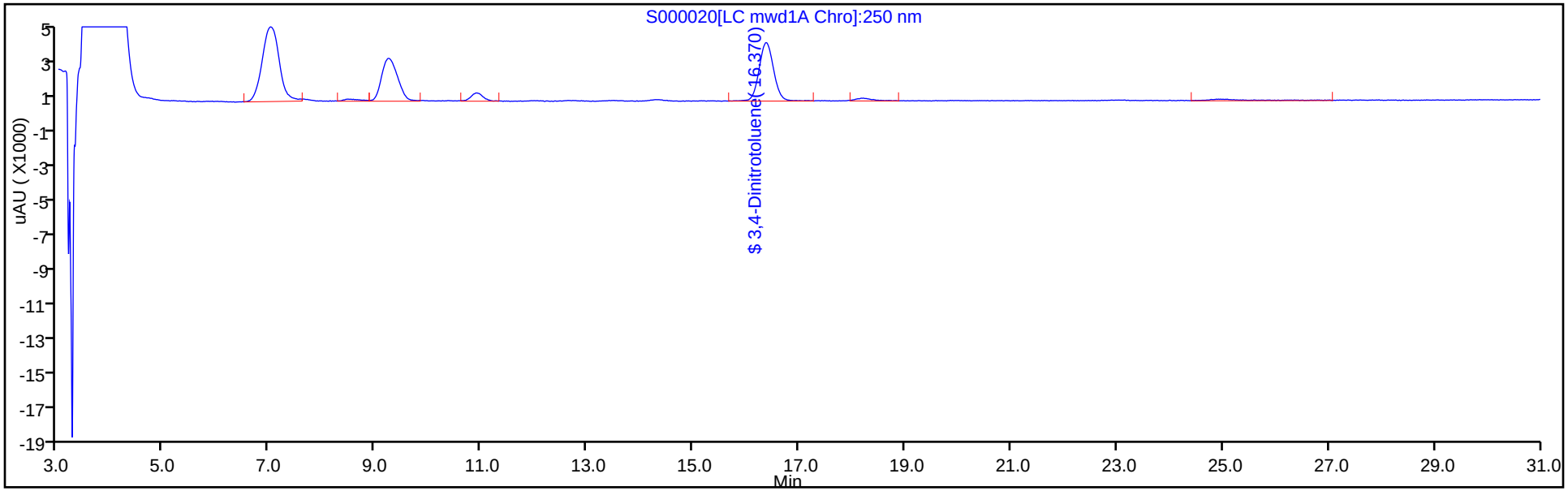
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
$ 30 3,4-Dinitrotoluene						
1	16.370	16.271	0.099	3330	58.2	
2	16.370	16.274	0.096	6456	60.3	

Report Date: 22-Apr-2013 09:55:42 Chrom Revision: 2.1 07-Apr-2013 20:36:54

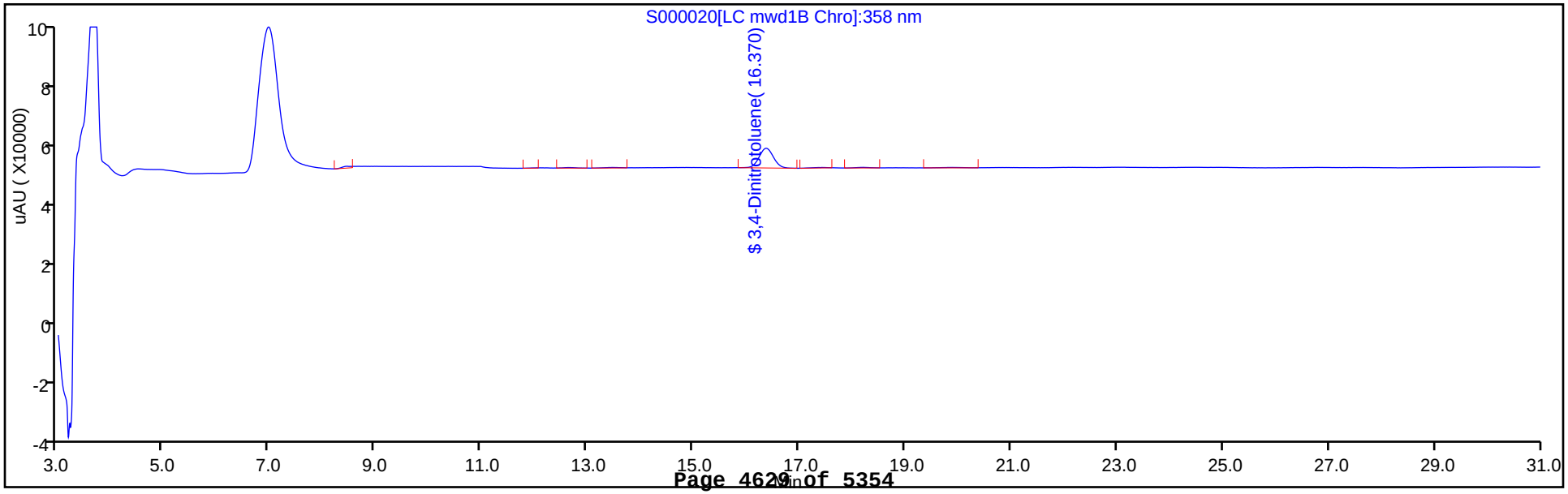
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC10\20130419-4003.b\S000020.D		
Injection Date:	19-Apr-2013 23:07:34	Limit Group:	LC 8330B ICAL
Client ID:	079SB-0071M-0001-SO	Instrument ID:	LC10
Lims Batch ID:	14706	Lims Sample ID:	7
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento | Job No.: 240-22648-1

SDG No.:

Client Sample ID: 079SB-0074M-0001-SO | Lab Sample ID: 240-22648-40

Matrix: Solid | Lab File ID: S000021.D

Analysis Method: 8330B | Date Collected: 03/28/2013 17:20

Extraction Method: 8330B | Date Extracted: 04/11/2013 08:24

Sample wt/vol: 10.03(g) | Date Analyzed: 04/19/2013 23:51

Con. Extract Vol.: 80(mL) | Dilution Factor: 1

Injection Volume: 500(uL) | GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 14706 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.012
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.010
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0073
2691-41-0	HMX	0.050	U	0.25	0.050	0.012
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.018
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.015
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
78-11-5	PETN	0.25	U	0.50	0.25	0.025
121-82-4	RDX	0.050	U	0.25	0.050	0.012
479-45-8	Tetryl	0.050	U	0.25	0.050	0.010
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.010
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	94		78-118

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20130419-4003.b\S000021.D		
Lims ID:	240-22648-F-40-A	Client ID:	079SB-0074M-0001-SO
Inject. Date:	19-Apr-2013 23:51:11	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0004003-008		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	28
Lims Batch ID:	14706	Lims Sample ID:	8
Method:	\\SACChrom\ChromData\LC10\20130419-4003.b\8330_LC10.m		
Last Update:	22-Apr-2013 09:55:39	Calib Date:	19-Apr-2013 15:51:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK024		

First Level Reviewer: shafern Date: 22-Apr-2013 08:10:39

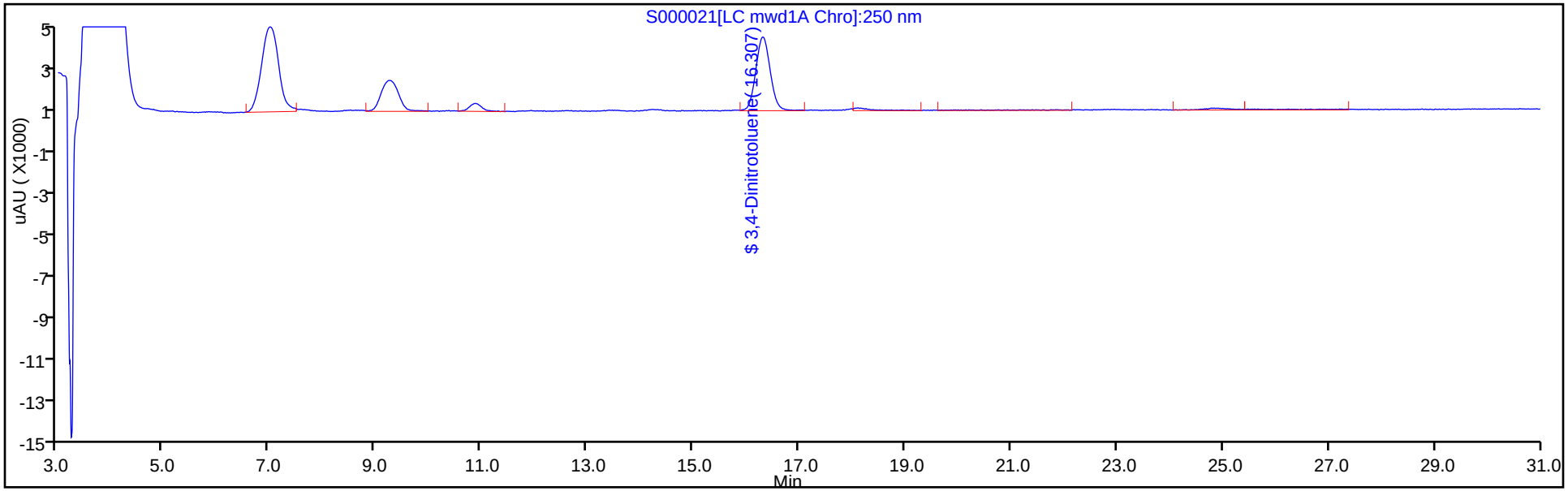
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
$ 30 3,4-Dinitrotoluene						
1	16.307	16.271	0.036	3367	58.8	
2	16.311	16.274	0.037	6578	61.4	

Report Date: 22-Apr-2013 09:55:42 Chrom Revision: 2.1 07-Apr-2013 20:36:54

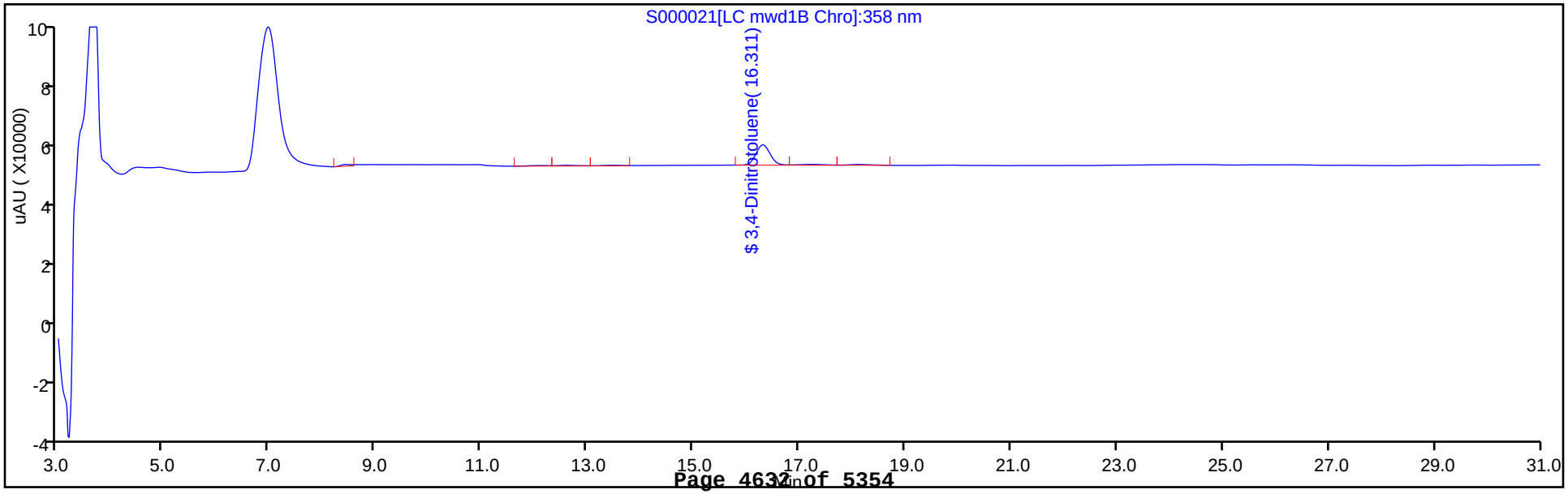
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC10\20130419-4003.b\S000021.D		
Injection Date:	19-Apr-2013 23:51:11	Limit Group:	LC 8330B ICAL
Client ID:	079SB-0074M-0001-SO	Instrument ID:	LC10
Lims Batch ID:	14706	Lims Sample ID:	8
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento | Job No.: 240-22648-1

SDG No.:

Client Sample ID: 068SB-0046M-0001-SO | Lab Sample ID: 240-22648-43

Matrix: Solid | Lab File ID: S000022.D

Analysis Method: 8330B | Date Collected: 03/29/2013 09:37

Extraction Method: 8330B | Date Extracted: 04/11/2013 08:24

Sample wt/vol: 10.01(g) | Date Analyzed: 04/20/2013 00:34

Con. Extract Vol.: 80(mL) | Dilution Factor: 1

Injection Volume: 500(uL) | GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 14706 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.012
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.010
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0073
2691-41-0	HMX	0.050	U	0.25	0.050	0.012
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.018
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.015
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
78-11-5	PETN	0.25	U	0.50	0.25	0.025
121-82-4	RDX	0.050	U	0.25	0.050	0.012
479-45-8	Tetryl	0.050	U	0.25	0.050	0.010
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.010
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	94		78-118

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20130419-4003.b\S000022.D		
Lims ID:	240-22648-F-43-A	Client ID:	068SB-0046M-0001-SO
Inject. Date:	20-Apr-2013 00:34:50	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0004003-009		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	29
Lims Batch ID:	14706	Lims Sample ID:	9
Method:	\\SACChrom\ChromData\LC10\20130419-4003.b\8330_LC10.m		
Last Update:	23-Apr-2013 13:37:50	Calib Date:	19-Apr-2013 15:51:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK035		

First Level Reviewer: shafern Date: 22-Apr-2013 08:11:12

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
$ 30 3,4-Dinitrotoluene						
1	16.333	16.271	0.062	3359	58.7	
2	16.330	16.274	0.056	6490	60.6	

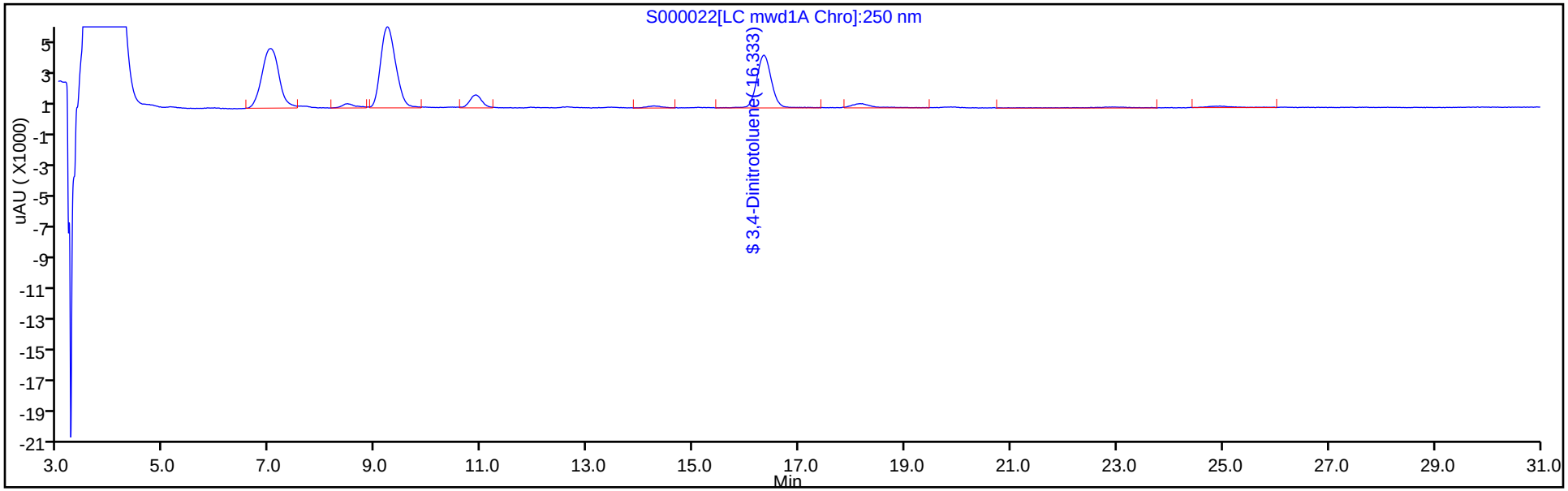
Report Date: 23-Apr-2013 13:37:50 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

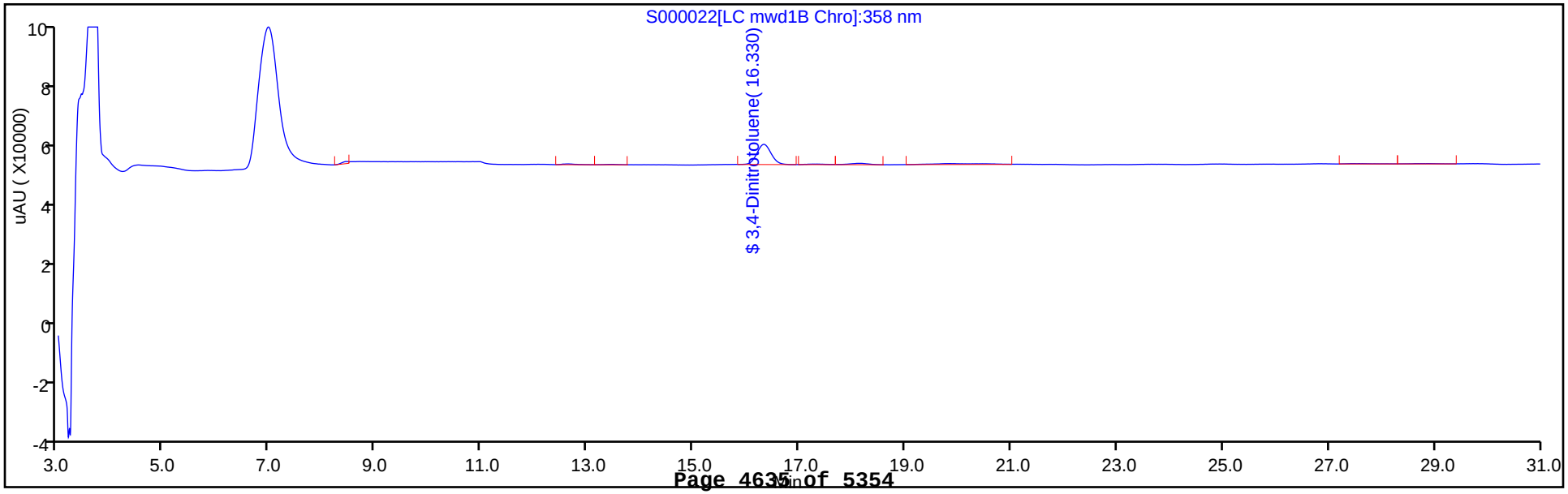
Data File: \\SACChrom\ChromData\LC10\20130419-4003.b\S000022.D

Injection Date:	20-Apr-2013 00:34:50	Limit Group:	LC 8330B ICAL
Client ID:	068SB-0046M-0001-SO	Instrument ID:	LC10
Lims Batch ID:	14706	Lims Sample ID:	9
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento | Job No.: 240-22648-1

SDG No.:

Client Sample ID: 068SB-0041M-0001-SO | Lab Sample ID: 240-22648-53

Matrix: Solid | Lab File ID: S000023.D

Analysis Method: 8330B | Date Collected: 03/29/2013 09:12

Extraction Method: 8330B | Date Extracted: 04/11/2013 08:24

Sample wt/vol: 10.06(g) | Date Analyzed: 04/20/2013 01:18

Con. Extract Vol.: 80(mL) | Dilution Factor: 1

Injection Volume: 500(uL) | GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 14706 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.012
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.0099
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0073
2691-41-0	HMX	0.050	U	0.25	0.050	0.012
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.017
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.015
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
121-82-4	RDX	0.050	U	0.25	0.050	0.012
479-45-8	Tetryl	0.050	U	0.25	0.050	0.0099
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.0099
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	94		78-118

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20130419-4003.b\S000023.D		
Lims ID:	240-22648-F-53-A	Client ID:	068SB-0041M-0001-SO
Inject. Date:	20-Apr-2013 01:18:35	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0004003-010		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	30
Lims Batch ID:	14706	Lims Sample ID:	10
Method:	\\SACChrom\ChromData\LC10\20130419-4003.b\8330_LC10.m		
Last Update:	22-Apr-2013 09:55:39	Calib Date:	19-Apr-2013 15:51:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK024		

First Level Reviewer: shafern Date: 22-Apr-2013 08:11:36

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
$ 30 3,4-Dinitrotoluene						
1	16.338	16.271	0.067	3367	58.8	
2	16.341	16.274	0.067	6582	61.4	
21 PETN						
2	27.638	27.491	0.147	198	5.03	

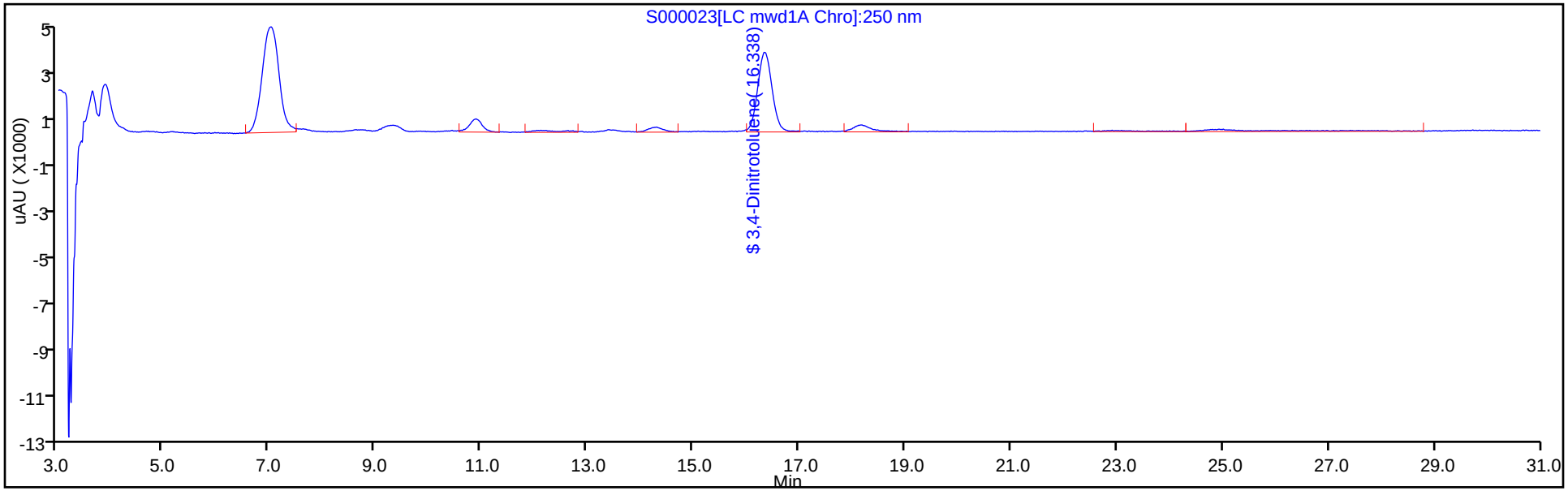
Report Date: 22-Apr-2013 09:55:40 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

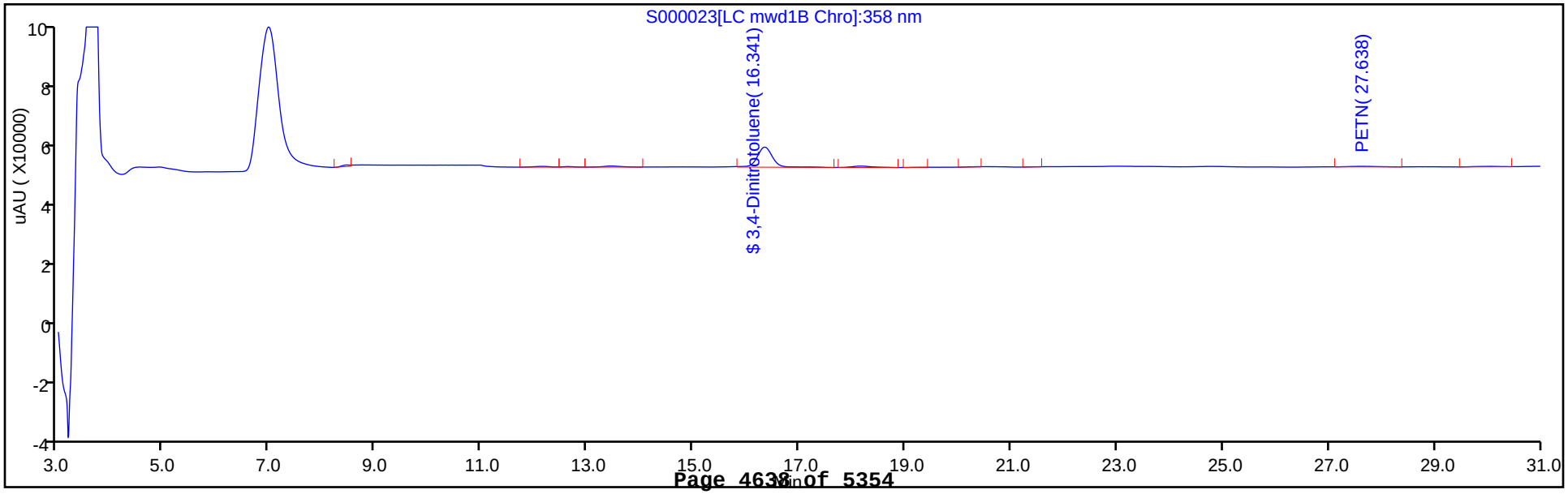
Data File: \\SACChrom\ChromData\LC10\20130419-4003.b\S000023.D

Injection Date:	20-Apr-2013 01:18:35	Limit Group:	LC 8330B ICAL
Client ID:	068SB-0041M-0001-SO	Instrument ID:	LC10
Lims Batch ID:	14706	Lims Sample ID:	10
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Client Sample ID: 068SB-0041M-0001-SO Lab Sample ID: 240-22648-53

Matrix: Solid Lab File ID: X000041.D

Analysis Method: 8330B Date Collected: 03/29/2013 09:12

Extraction Method: 8330B Date Extracted: 04/11/2013 08:24

Sample wt/vol: 10.06(g) Date Analyzed: 04/25/2013 12:32

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Zorbax CN ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 14998 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-11-5	PETN	0.25	U	0.50	0.25	0.025

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	107		78-118

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20130424-4083.b\X000041.D		
Lims ID:	240-22648-F-53-A	Client ID:	068SB-0041M-0001-SO
Inject. Date:	25-Apr-2013 12:32:06	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0004083-015		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	40
Lims Batch ID:	14998	Lims Sample ID:	15
Method:	\\SACChrom\ChromData\LC12\20130424-4083.b\LC12_Conf_8330.m		
Last Update:	26-Apr-2013 09:39:19	Calib Date:	07-Mar-2013 16:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20130307-3157.b\G000007.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK019		

First Level Reviewer: noonanr Date: 26-Apr-2013 09:39:19

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
$ 30 3,4-Dinitrotoluene						
1	38.705	38.668	0.037	3576	66.9	
20 Tetryl						
1	46.595	46.598	-0.003	442	3.72	

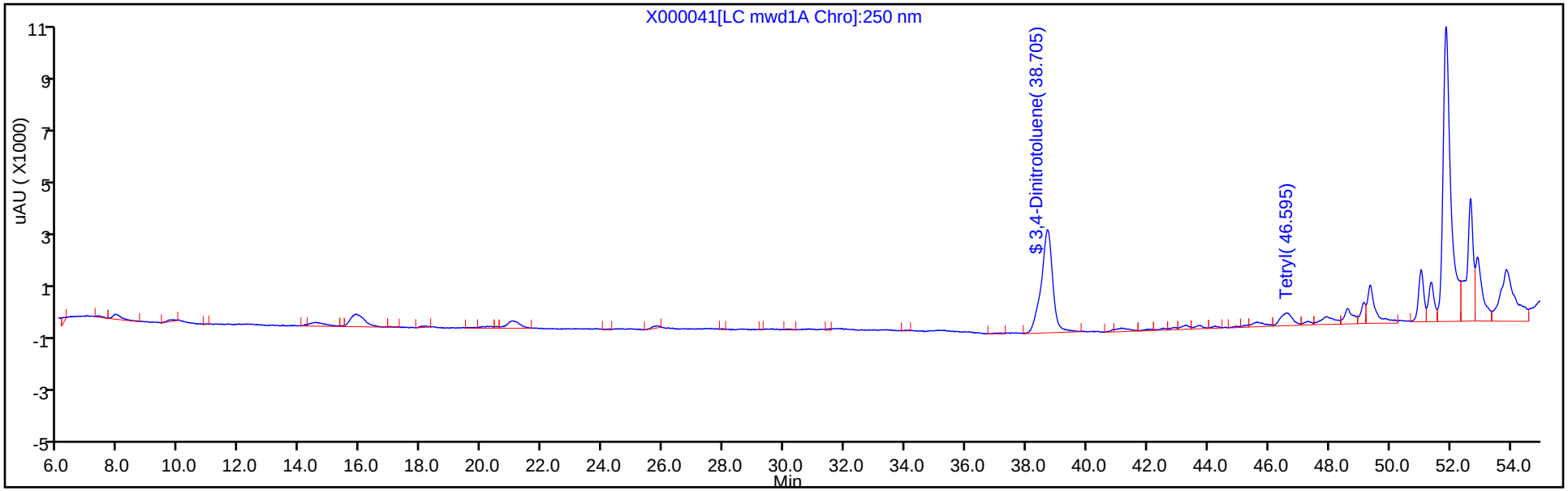
Report Date: 26-Apr-2013 09:39:19 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

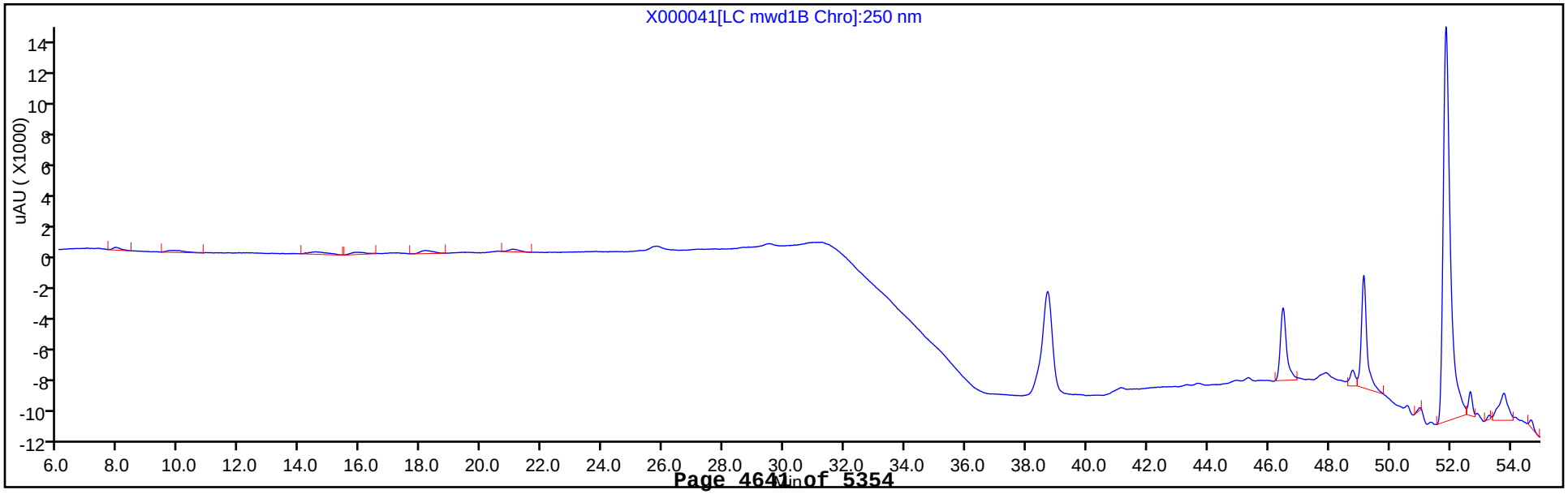
Data File: \\SACChrom\ChromData\LC12\20130424-4083.b\X000041.D

Injection Date:	25-Apr-2013 12:32:06	Limit Group:	LC 8330B ICAL
Client ID:	068SB-0041M-0001-SO	Instrument ID:	LC12
Lims Batch ID:	14998	Lims Sample ID:	15
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1 Analy Batch No.: 14686

SDG No.:

Instrument ID: LC10 GC Column: Synergi C18 ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2013 10:45 Calibration End Date: 04/19/2013 15:51 Calibration ID: 2667

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 320-14686/2	S000003.D
Level 2	STD02 320-14686/3	S000004.D
Level 3	STD03 320-14686/4	S000005.D
Level 4	STD04 320-14686/5	S000006.D
Level 5	STD05 320-14686/6	S000007.D
Level 6	ICRT 320-14686/7	S000008.D
Level 7	STD07 320-14686/8	S000009.D
Level 8	STD08 320-14686/9	S000010.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7	LVL 8			RT WINDOW	AVG RT
HMX	5.180	5.177	5.181	5.177	5.177	5.176	5.172	5.157			4.927 - 5.427	5.175
RDX	7.403	7.400	7.395	7.397	7.397	7.393	7.389	7.354			7.147 - 7.647	7.391
Ethylene glycol dinitrate	8.060	8.064	8.055	8.060	8.061	8.059	8.055	8.030			7.811 - 8.311	8.056
Picric acid	+++++	8.494	8.481	8.480	8.471	8.433	8.402	8.317			8.221 - 8.721	8.440
1,3,5-Trinitrobenzene	9.646	9.644	9.645	9.640	9.644	9.643	9.642	9.614			9.394 - 9.894	9.640
1,3-Dinitrobenzene	12.223	12.214	12.208	12.207	12.211	12.206	12.209	12.164			11.961 - 12.461	12.205
3,5-Dinitroaniline	12.933	12.950	12.931	12.934	12.941	12.933	12.939	12.887			12.691 - 13.191	12.931
Tetryl	13.233	13.230	13.211	13.217	13.221	13.223	13.229	13.191			12.971 - 13.471	13.219
Nitrobenzene	13.887	13.897	13.871	13.880	13.884	13.886	13.885	13.841			13.634 - 14.134	13.879
Nitroglycerin	14.423	14.430	14.415	14.410	14.418	14.423	14.429	14.394			14.168 - 14.668	14.418
2,4,6-Trinitrotoluene	15.280	15.287	15.291	15.284	15.291	15.293	15.302	15.271			15.041 - 15.541	15.287
4-Amino-2,6-dinitrotoluene	15.850	15.850	15.838	15.834	15.838	15.839	15.852	15.797			15.588 - 16.088	15.837
2-Amino-4,6-dinitrotoluene	16.800	16.817	16.791	16.794	16.801	16.799	16.815	16.761			16.551 - 17.051	16.797
2,6-Dinitrotoluene	18.317	18.304	18.305	18.290	18.308	18.309	18.329	18.281			18.058 - 18.558	18.305
2,4-Dinitrotoluene	18.933	18.947	18.941	18.934	18.948	18.949	18.972	18.921			18.698 - 19.198	18.943
2-Nitrotoluene	22.110	22.157	22.171	22.137	22.151	22.163	22.179	22.141			21.901 - 22.401	22.151
4-Nitrotoluene	23.757	23.737	23.768	23.760	23.768	23.783	23.802	23.771			23.518 - 24.018	23.768
3-Nitrotoluene	25.583	25.587	25.541	25.564	25.564	25.583	25.605	25.581			25.314 - 25.814	25.576
PETN	27.533	27.490	27.475	27.477	27.491	27.509	27.542	27.541			27.241 - 27.741	27.507
3,4-Dinitrotoluene	16.247	16.284	16.275	16.267	16.271	16.279	16.282	16.231			16.021 - 16.521	16.267

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1 Analy Batch No.: 14686

SDG No.:

Instrument ID: LC10 GC Column: Synergi C18 ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2013 10:45 Calibration End Date: 04/19/2013 15:51 Calibration ID: 2667

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 320-14686/2	S000003.D
Level 2	STD02 320-14686/3	S000004.D
Level 3	STD03 320-14686/4	S000005.D
Level 4	STD04 320-14686/5	S000006.D
Level 5	STD05 320-14686/6	S000007.D
Level 6	ICRT 320-14686/7	S000008.D
Level 7	STD07 320-14686/8	S000009.D
Level 8	STD08 320-14686/9	S000010.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3 LVL 7	LVL 4 LVL 8		B	M1	M2								
HMX	126.20 126.94	133.90 126.34	129.40 123.13	127.44 110.29	Ave		125.454750				5.5		20.0			
RDX	114.20 88.680	105.20 86.205	95.900 80.180	91.100 66.491	Ave		90.9945000				16.0		20.0			
Ethylene glycol dinitrate	115.00 111.75	119.90 113.80	112.40 108.37	110.18 92.745	Ave		110.517500				7.2		20.0			
Picric acid	+++++ 107.67	172.80 130.31	145.98 121.10	142.38 105.54	Ave		132.254000				18.0		20.0			
1,3,5-Trinitrobenzene	168.20 165.60	176.00 163.97	169.10 157.89	166.78 140.81	Ave		163.543750				6.4		20.0			
1,3-Dinitrobenzene	167.20 164.82	176.20 162.71	168.65 155.44	166.62 136.28	Ave		162.240750				7.4		20.0			
3,5-Dinitroaniline	107.00 105.01	113.00 103.79	107.65 99.322	106.54 86.750	Ave		103.632750				7.6		20.0			
Tetryl	95.400 93.960	100.70 93.875	95.000 93.632	94.300 90.160	Ave		94.6283750				3.1		20.0			
Nitrobenzene	75.400 72.540	76.400 71.455	73.200 68.382	73.540 60.068	Ave		71.3731250				7.3		20.0			
Nitroglycerin	78.800 67.560	76.800 67.230	78.850 65.164	68.060 60.020	Ave		70.3105000				9.9		20.0			
2,4,6-Trinitrotoluene	97.000 95.170	102.60 95.040	97.000 93.406	95.380 87.568	Ave		95.3955000				4.4		20.0			
4-Amino-2,6-dinitrotoluene	81.800 78.520	84.300 78.110	80.050 76.008	78.900 69.235	Ave		78.3653750				5.7		20.0			
2-Amino-4,6-dinitrotoluene	87.400 84.320	90.900 83.815	85.950 81.216	85.080 73.519	Ave		84.0250000				6.1		20.0			
2,6-Dinitrotoluene	61.000 59.670	65.200 59.535	61.350 58.016	60.100 53.808	Ave		59.8348750				5.4		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1 Analy Batch No.: 14686

SDG No.:

Instrument ID: LC10 GC Column: Synergi C18 ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2013 10:45 Calibration End Date: 04/19/2013 15:51 Calibration ID: 2667

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3 LVL 7	LVL 4 LVL 8		B	M1	M2								
2,4-Dinitrotoluene	100.20 98.960	106.80 98.490	100.85 96.230	99.640 89.180	Ave		98.7937500				5.0		20.0			
2-Nitrotoluene	44.800 42.090	46.600 41.655	42.850 40.988	42.560 38.030	Ave		42.4466250				6.0		20.0			
4-Nitrotoluene	55.000 52.890	57.300 52.470	54.000 51.724	52.980 48.433	Ave		53.0996250				4.8		20.0			
3-Nitrotoluene	51.800 52.100	55.700 51.825	53.200 51.110	52.260 48.102	Ave		52.0121250				4.1		20.0			
PETN	50.800 36.890	45.800 36.275	38.600 35.954	34.820 35.657	Ave		39.3495000				15.0		20.0			
3,4-Dinitrotoluene	60.600 55.570	59.100 54.940	56.450 55.837	59.720 55.520	Ave		57.2170833				3.9		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1 Analy Batch No.: 14686

SDG No.:

Instrument ID: LC10 GC Column: Synergi C18 ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2013 10:45 Calibration End Date: 04/19/2013 15:51 Calibration ID: 2667

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 320-14686/2	S000003.D
Level 2	STD02 320-14686/3	S000004.D
Level 3	STD03 320-14686/4	S000005.D
Level 4	STD04 320-14686/5	S000006.D
Level 5	STD05 320-14686/6	S000007.D
Level 6	ICRT 320-14686/7	S000008.D
Level 7	STD07 320-14686/8	S000009.D
Level 8	STD08 320-14686/9	S000010.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
HMX	Ave	631 25267	1339 61566	2588 110291	6372	12694	5.00 200	10.0 500	20.0 1000	50.0	100
RDX	Ave	571 17241	1052 40090	1918 66491	4555	8868	5.00 200	10.0 500	20.0 1000	50.0	100
Ethylene glycol dinitrate	Ave	575 22759	1199 54185	2248 92745	5509	11175	5.00 200	10.0 500	20.0 1000	50.0	100
Picric acid	Ave	+++++ 65156	3456 121095	7299 211078	14238	26918	+++++ 500	20.0 1000	50.0 2000	100	250
1,3,5-Trinitrobenzene	Ave	841 32794	1760 78943	3382 140814	8339	16560	5.00 200	10.0 500	20.0 1000	50.0	100
1,3-Dinitrobenzene	Ave	836 32542	1762 77722	3373 136282	8331	16482	5.00 200	10.0 500	20.0 1000	50.0	100
3,5-Dinitroaniline	Ave	535 20758	1130 49661	2153 86750	5327	10501	5.00 200	10.0 500	20.0 1000	50.0	100
Tetryl	Ave	477 18775	1007 46816	1900 90160	4715	9396	5.00 200	10.0 500	20.0 1000	50.0	100
Nitrobenzene	Ave	377 14291	764 34191	1464 60068	3677	7254	5.00 200	10.0 500	20.0 1000	50.0	100
Nitroglycerin	Ave	394 13446	768 32582	1577 60020	3403	6756	5.00 200	10.0 500	20.0 1000	50.0	100
2,4,6-Trinitrotoluene	Ave	485 19008	1026 46703	1940 87568	4769	9517	5.00 200	10.0 500	20.0 1000	50.0	100
4-Amino-2,6-dinitrotoluene	Ave	409 15622	843 38004	1601 69235	3945	7852	5.00 200	10.0 500	20.0 1000	50.0	100
2-Amino-4,6-dinitrotoluene	Ave	437 16763	909 40608	1719 73519	4254	8432	5.00 200	10.0 500	20.0 1000	50.0	100
2,6-Dinitrotoluene	Ave	305 11907	652 29008	1227 53808	3005	5967	5.00 200	10.0 500	20.0 1000	50.0	100
2,4-Dinitrotoluene	Ave	501 19698	1068 48115	2017 89180	4982	9896	5.00 200	10.0 500	20.0 1000	50.0	100

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1 Analy Batch No.: 14686

SDG No.:

Instrument ID: LC10 GC Column: Synergi C18 ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2013 10:45 Calibration End Date: 04/19/2013 15:51 Calibration ID: 2667

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
2-Nitrotoluene	Ave	224 8331	466 20494	857 38030	2128	4209	5.00 200	10.0 500	20.0 1000	50.0	100
4-Nitrotoluene	Ave	275 10494	573 25862	1080 48433	2649	5289	5.00 200	10.0 500	20.0 1000	50.0	100
3-Nitrotoluene	Ave	259 10365	557 25555	1064 48102	2613	5210	5.00 200	10.0 500	20.0 1000	50.0	100
PETN	Ave	254 7255	458 17977	772 35657	1741	3689	5.00 200	10.0 500	20.0 1000	50.0	100
3,4-Dinitrotoluene	Ave	303 10988	591 16751	1129 27760	2986	5557	5.00 200	10.0 300	20.0 500	50.0	100

Curve Type Legend:
Ave = Average by Height

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000003.D
Lims ID: STD01 Client ID:
Inject. Date: 19-Apr-2013 10:45:31 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 320-0003998-002
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 11
Lims Batch ID: 14686 Lims Sample ID: 2
Sublist: chrom-8330_LC10*sub1

Method: \\SACChrom\ChromData\LC10\20130419-3998.b\8330_LC10.m
Last Update: 22-Apr-2013 09:45:24 Calib Date: 19-Apr-2013 15:51:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK024

First Level Reviewer: shafern Date: 19-Apr-2013 11:37:41

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.180	5.177	0.003	631	5.03	
19 RDX						
1	7.403	7.397	0.006	571	6.28	
3 Ethylene glycol dinitrate						
2	8.060	8.061	-0.001	575	5.20	
10 2,4,6-Trinitrophenol						
2	8.500	8.471	0.029	2007	15.2	
1	8.506	8.471	0.035	1156	12.5	
27 1,3,5-Trinitrobenzene						
1	9.646	9.644	0.002	841	5.14	
24 1,3-Dinitrobenzene						
1	12.223	12.211	0.012	836	5.15	
9 3,5-Dinitroaniline						
1	12.933	12.941	-0.008	535	5.16	
20 Tetryl						
1	13.233	13.221	0.012	477	5.04	
5 Nitrobenzene						
1	13.887	13.884	0.003	377	5.28	
7 Nitroglycerin						
2	14.423	14.418	0.005	394	5.60	
25 2,4,6-Trinitrotoluene						
1	15.280	15.291	-0.011	485	5.08	
26 4-Amino-2,6-dinitrotoluene						
1	15.850	15.838	0.012	409	5.22	
$ 30 3,4-Dinitrotoluene						
1	16.247	16.271	-0.024	303	5.30	
2	16.270	16.274	-0.004	555	5.18	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						M
1	16.800	16.801	-0.001	437	5.20	M
12 2,6-Dinitrotoluene						
1	18.317	18.308	0.009	305	5.10	
23 2,4-Dinitrotoluene						
1	18.933	18.948	-0.015	501	5.07	
16 o-Nitrotoluene						M
1	22.110	22.151	-0.041	224	5.28	M
15 p-Nitrotoluene						
1	23.757	23.768	-0.011	275	5.18	
8 m-Nitrotoluene						M
1	25.583	25.564	0.019	259	4.98	M
21 PETN						
2	27.533	27.491	0.042	254	6.45	

QC Flag Legend

Review Flags
M - Manually Integrated

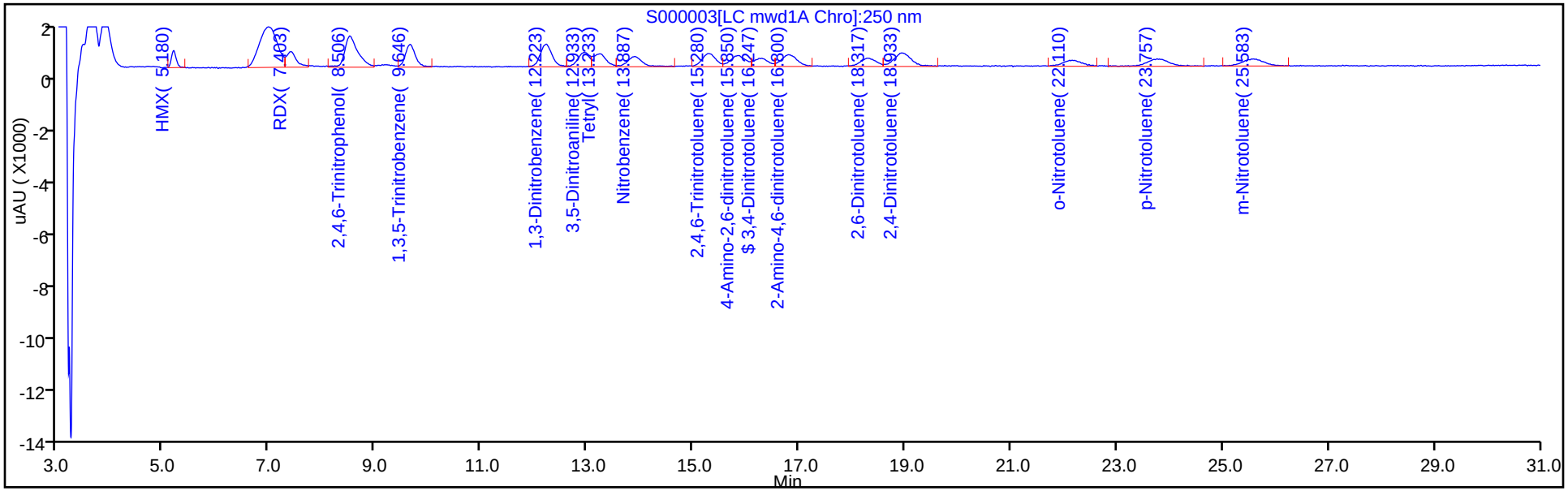
Report Date: 22-Apr-2013 09:45:25 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

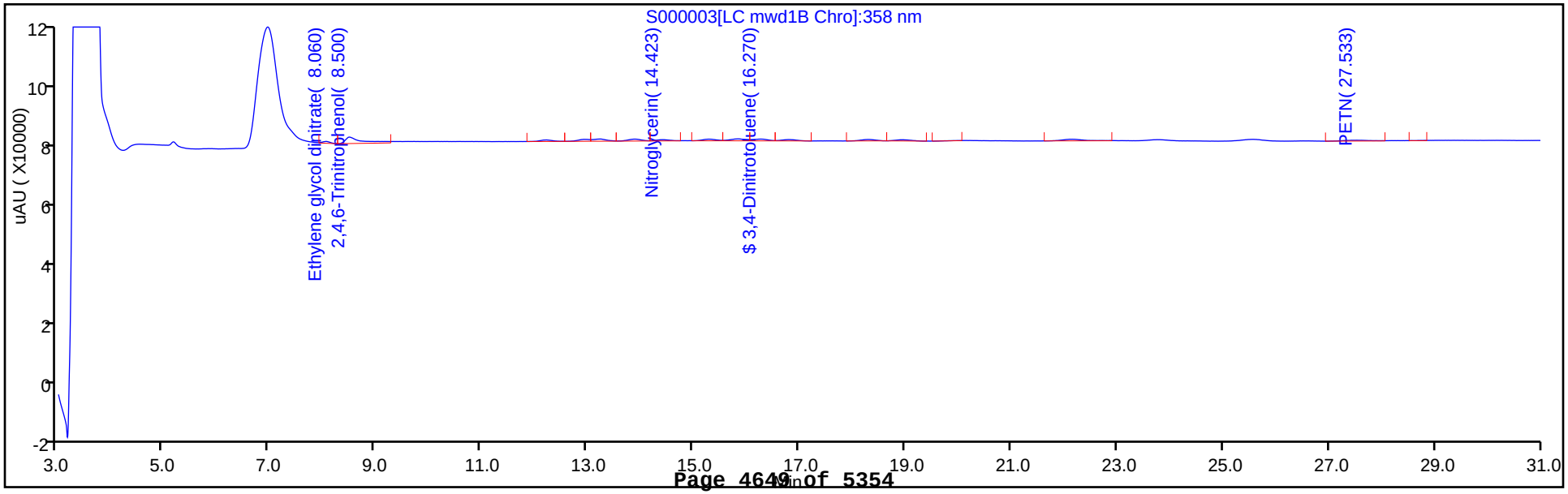
Data File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000003.D

Injection Date:	19-Apr-2013 10:45:31	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14686	Lims Sample ID:	2
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Report Date: 22-Apr-2013 09:45:25 Chrom Revision: 2.1 07-Apr-2013 20:36:54

Manual Integration/User Assign Peak Report

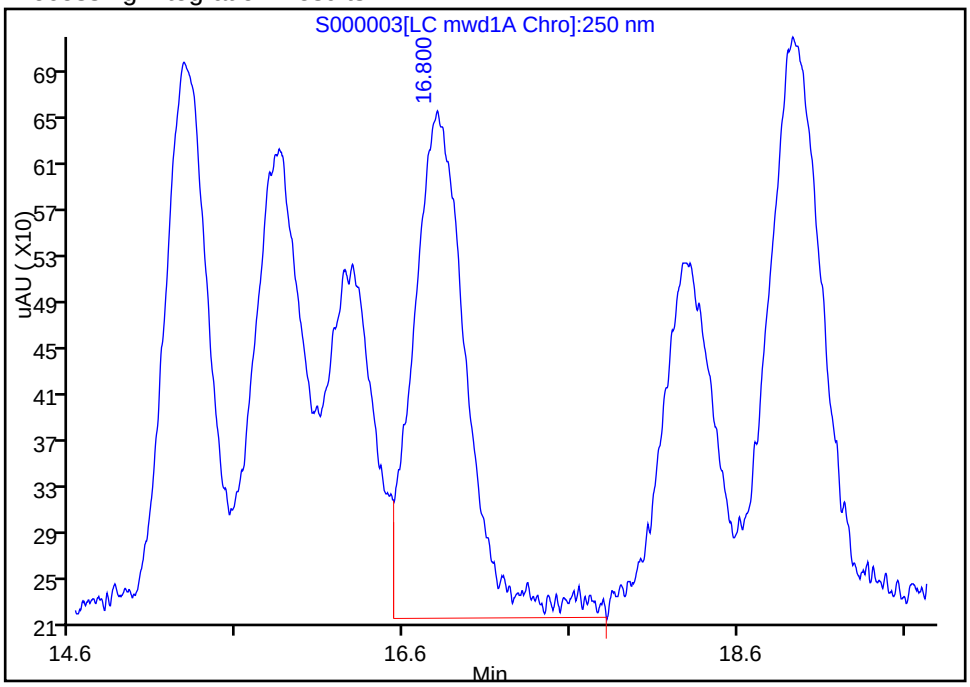
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000003.D		
Injection Date:	19-Apr-2013 10:45:31	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14686	Lims Sample ID:	2
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

6 2-Amino-4,6-dinitrotoluene, Signal: 1, Type: quant, RT: 16.80, Det: LC mwd1A

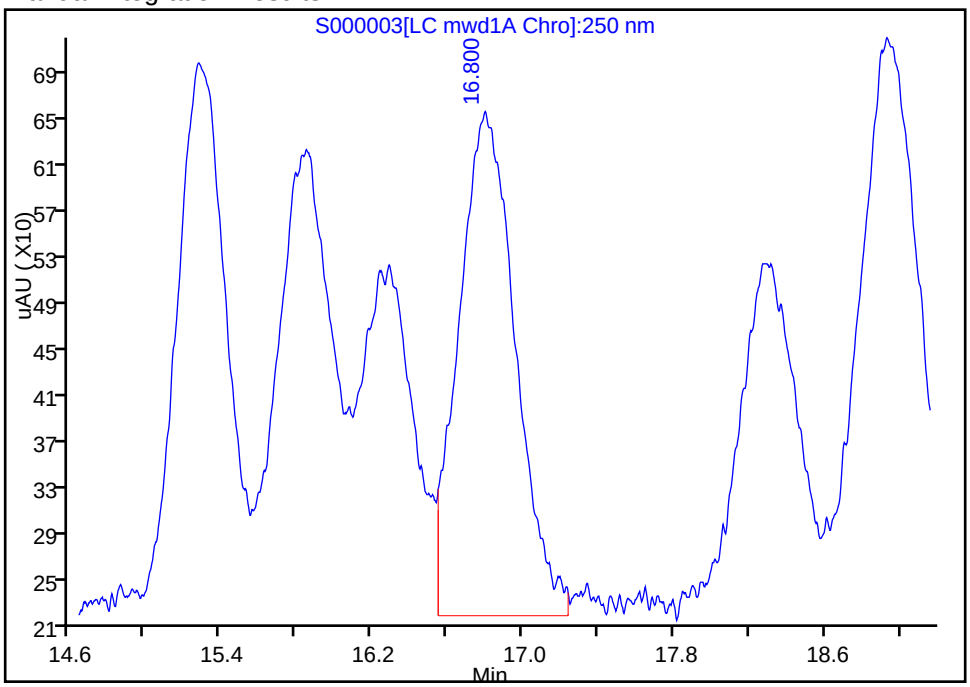
Processing Integration Results

RT: 16.80
Response: 440
Amount: 5.000000



Manual Integration Results

RT: 16.80
Response: 437
Amount: 5.200833



Reviewer: shafern, 19-Apr-2013 11:37:41
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

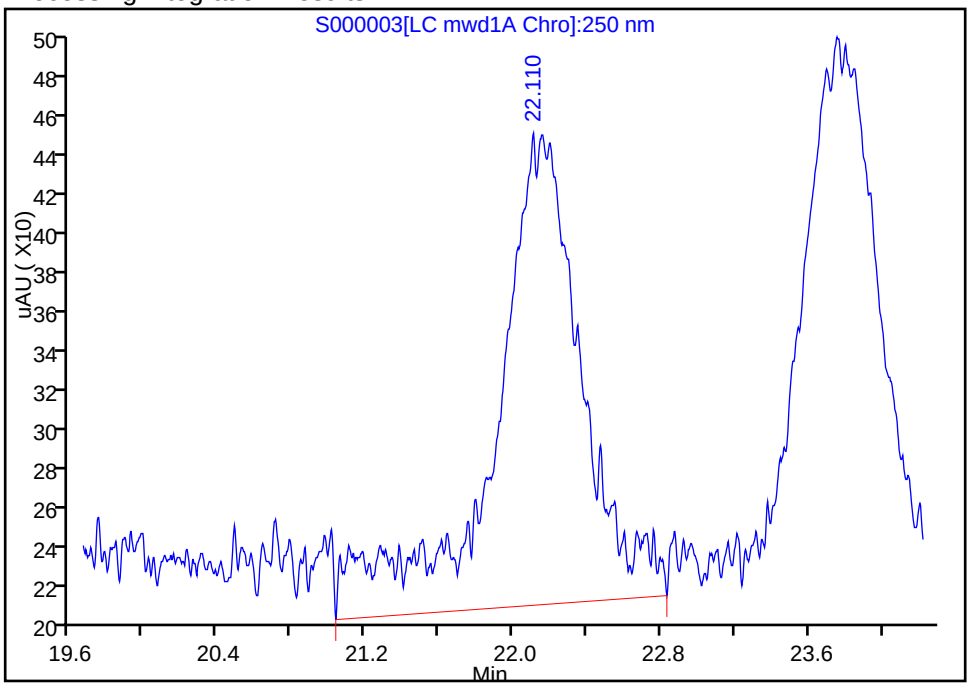
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000003.D		
Injection Date:	19-Apr-2013 10:45:31	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14686	Lims Sample ID:	2
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

16 o-Nitrotoluene, Signal: 1, Type: quant, RT: 22.15, Det: LC mwd1A

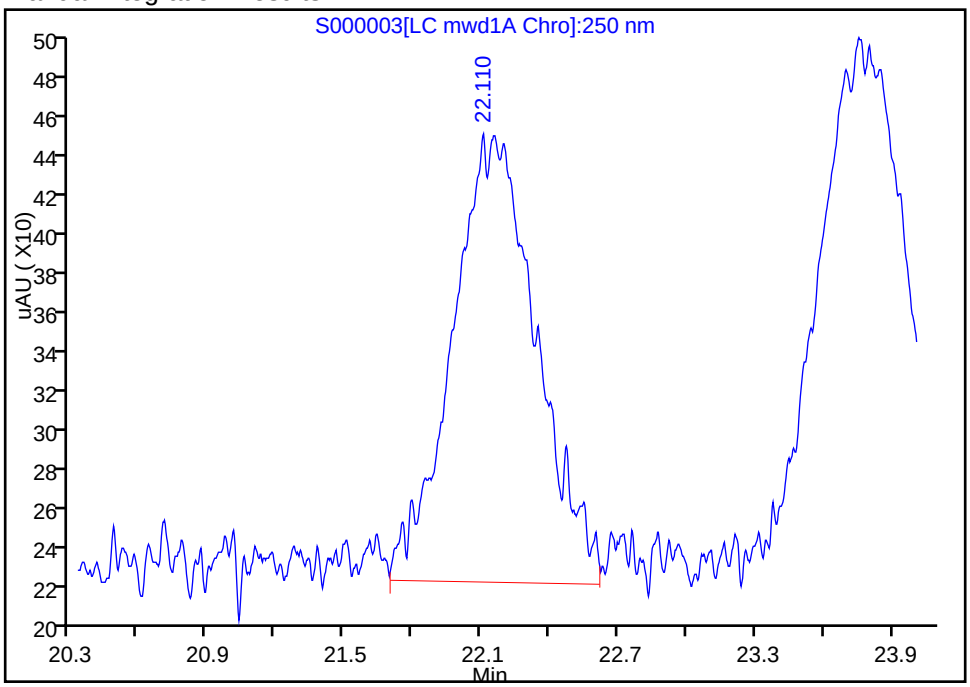
Processing Integration Results

RT: 22.11
Response: 236
Amount: 5.000000



Manual Integration Results

RT: 22.11
Response: 224
Amount: 5.277216



Reviewer: shafern, 19-Apr-2013 11:37:41
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

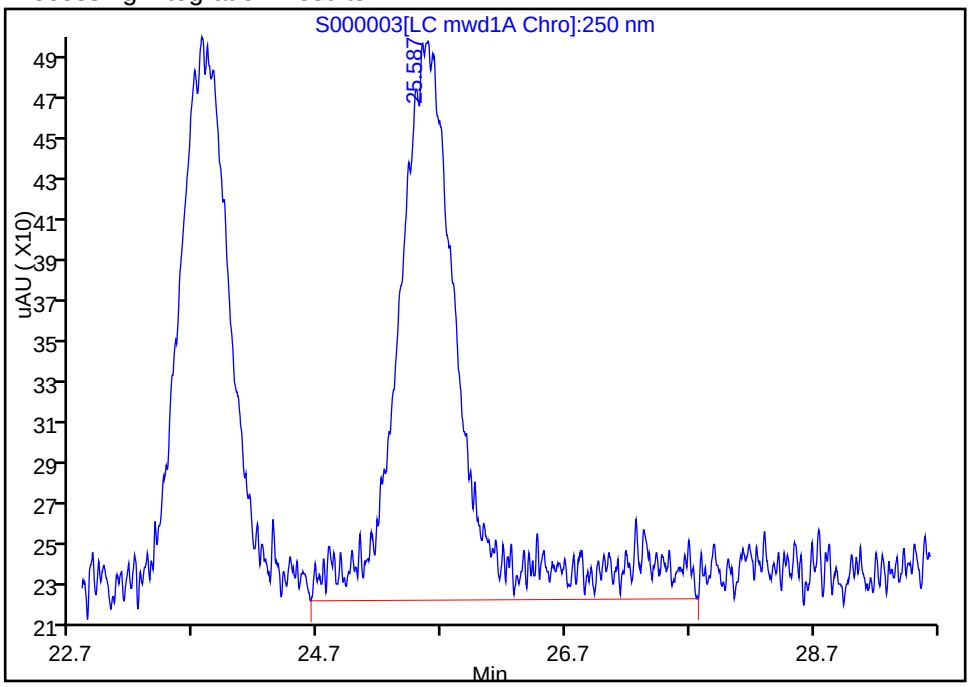
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000003.D		
Injection Date:	19-Apr-2013 10:45:31	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14686	Lims Sample ID:	2
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

8 m-Nitrotoluene, Signal: 1, Type: quant, RT: 25.56, Det: LC mwd1A

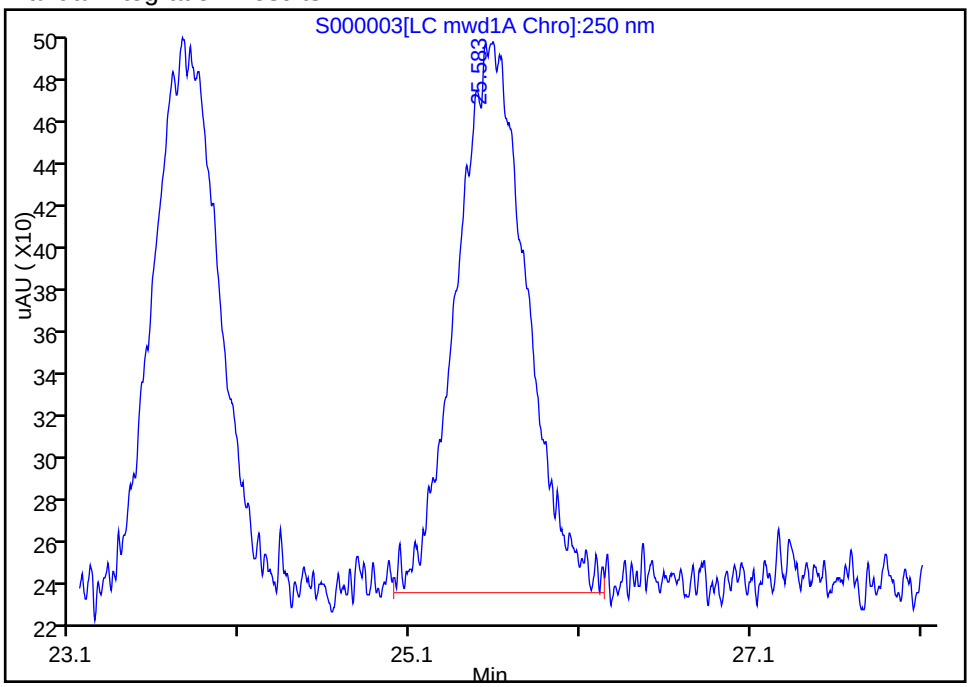
Processing Integration Results

RT: 25.59
Response: 268
Amount: 5.000000



Manual Integration Results

RT: 25.58
Response: 259
Amount: 4.979608



Reviewer: shafern, 19-Apr-2013 11:37:41
Audit Action: Manually Integrated
Audit Reason: Baseline

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000004.D
Lims ID: STD02 Client ID:
Inject. Date: 19-Apr-2013 11:29:07 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 320-0003998-003
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 12
Lims Batch ID: 14686 Lims Sample ID: 3
Sublist: chrom-8330_LC10*sub1

Method: \\SACChrom\ChromData\LC10\20130419-3998.b\8330_LC10.m
Last Update: 22-Apr-2013 09:45:25 Calib Date: 19-Apr-2013 15:51:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK024

First Level Reviewer: shafern Date: 19-Apr-2013 13:16:16

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.177	5.177	0.0	1339	10.7	
19 RDX						
1	7.400	7.397	0.003	1052	11.6	
3 Ethylene glycol dinitrate						
2	8.064	8.061	0.003	1199	10.8	
10 2,4,6-Trinitrophenol						M
2	8.494	8.471	0.023	3456	26.1	M
1	8.504	8.471	0.033	2167	23.5	
27 1,3,5-Trinitrobenzene						
1	9.644	9.644	0.0	1760	10.8	
24 1,3-Dinitrobenzene						
1	12.214	12.211	0.003	1762	10.9	
9 3,5-Dinitroaniline						
1	12.950	12.941	0.009	1130	10.9	
20 Tetryl						
1	13.230	13.221	0.009	1007	10.6	
5 Nitrobenzene						
1	13.897	13.884	0.013	764	10.7	
7 Nitroglycerin						
2	14.430	14.418	0.012	768	10.9	
25 2,4,6-Trinitrotoluene						
1	15.287	15.291	-0.004	1026	10.8	
26 4-Amino-2,6-dinitrotoluene						
1	15.850	15.838	0.012	843	10.8	
$ 30 3,4-Dinitrotoluene						
1	16.284	16.271	0.013	591	10.3	
2	16.287	16.274	0.013	1055	9.85	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	16.817	16.801	0.016	909	10.8	
12 2,6-Dinitrotoluene						
1	18.304	18.308	-0.004	652	10.9	
23 2,4-Dinitrotoluene						
1	18.947	18.948	-0.001	1068	10.8	
16 o-Nitrotoluene						
1	22.157	22.151	0.006	466	11.0	
15 p-Nitrotoluene						
1	23.737	23.768	-0.031	573	10.8	
8 m-Nitrotoluene						
1	25.587	25.564	0.023	557	10.7	
21 PETN						
2	27.490	27.491	-0.001	458	11.6	

QC Flag Legend

Review Flags
M - Manually Integrated

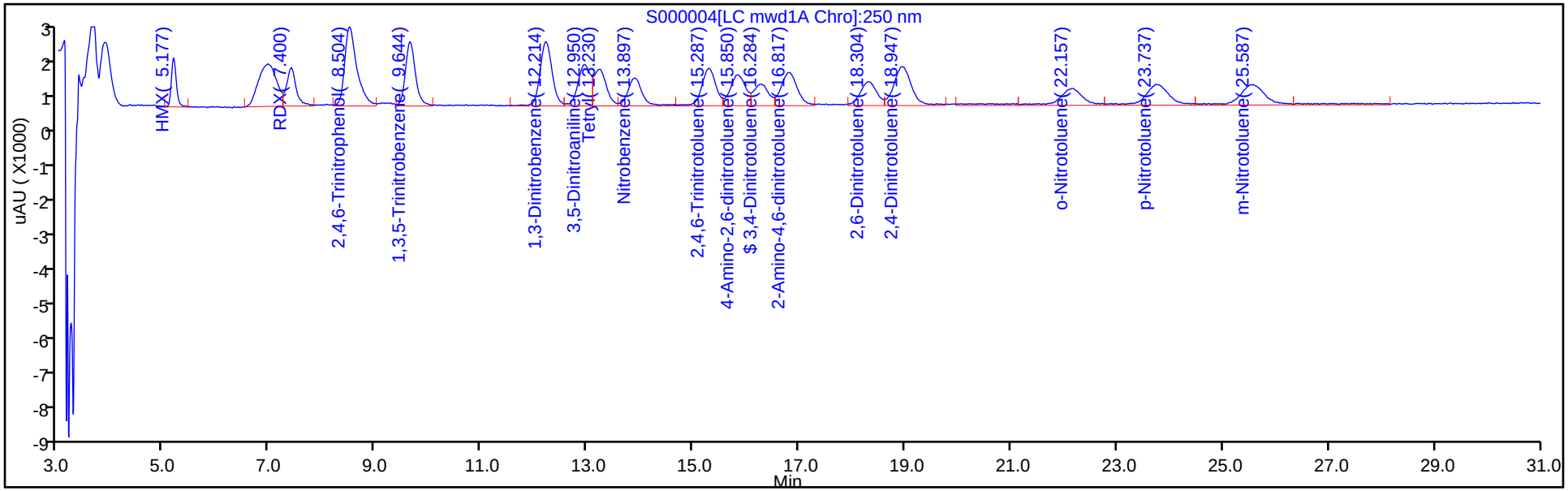
Report Date: 22-Apr-2013 09:45:26 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

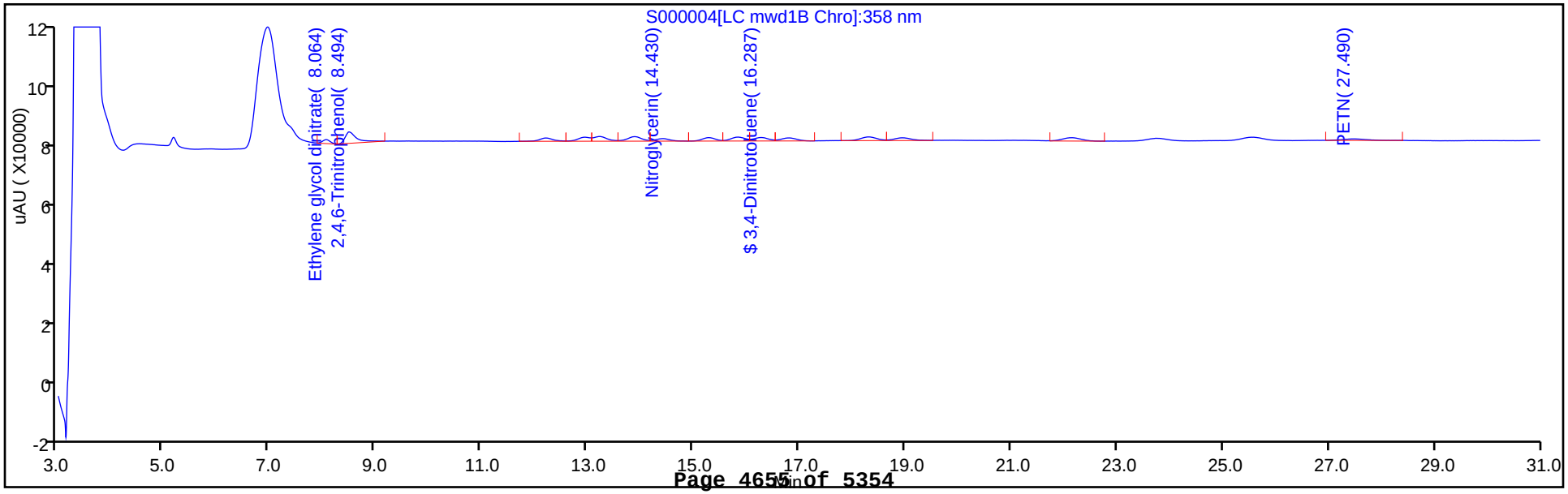
Data File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000004.D

Injection Date:	19-Apr-2013 11:29:07	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14686	Lims Sample ID:	3
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

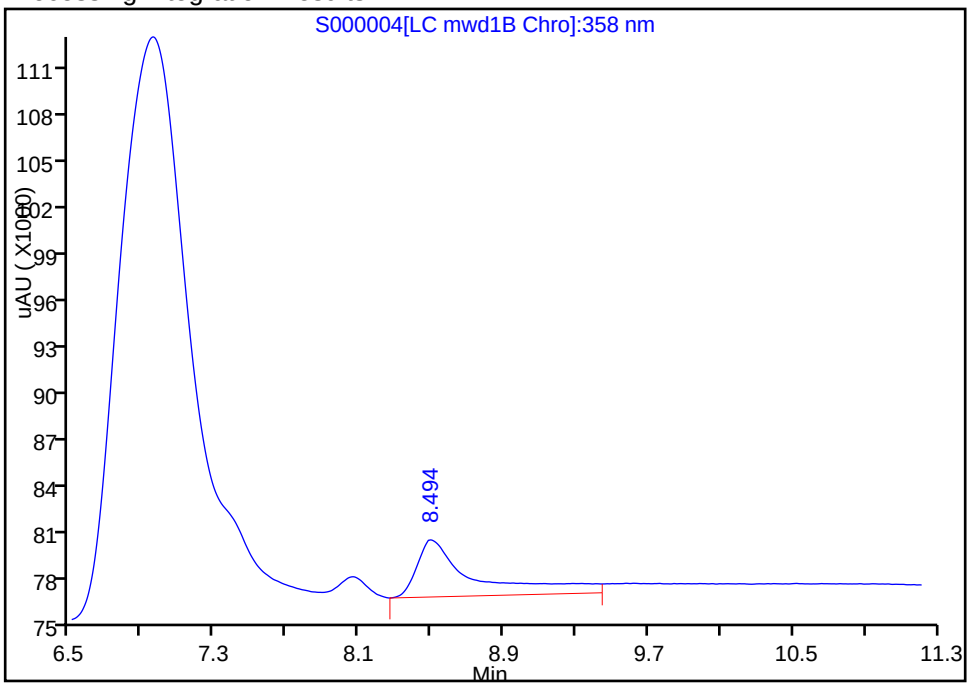
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000004.D		
Injection Date:	19-Apr-2013 11:29:07	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14686	Lims Sample ID:	3
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

10 2,4,6-Trinitrophenol, Signal: 1, Type: quant, RT: 8.47, Det: LC mwd1B

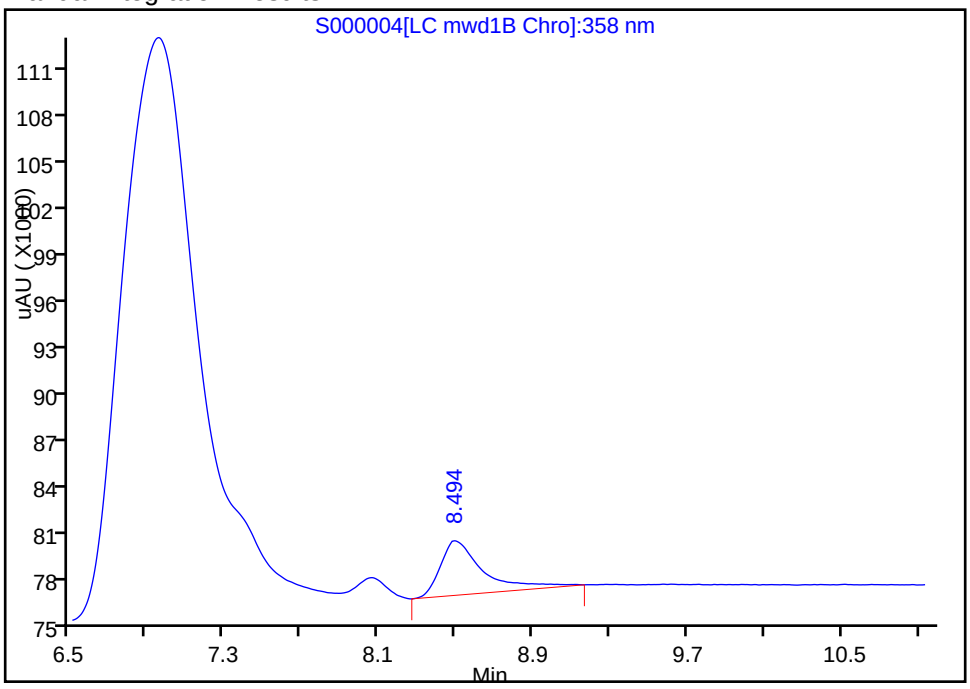
Processing Integration Results

RT: 8.49
Response: 3616
Amount: 18.956750



Manual Integration Results

RT: 8.49
Response: 3456
Amount: 26.131535



Reviewer: shafern, 19-Apr-2013 13:16:16
Audit Action: Manually Integrated
Audit Reason: Baseline

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000005.D
Lims ID: STD03 Client ID:
Inject. Date: 19-Apr-2013 12:12:47 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 320-0003998-004
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 13
Lims Batch ID: 14686 Lims Sample ID: 4
Sublist: chrom-8330_LC10*sub1

Method: \\SACChrom\ChromData\LC10\20130419-3998.b\8330_LC10.m
Last Update: 22-Apr-2013 09:45:26 Calib Date: 19-Apr-2013 15:51:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK024

First Level Reviewer: shafern Date: 19-Apr-2013 15:25:33

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.181	5.177	0.004	2588	20.6	
19 RDX						
1	7.395	7.397	-0.002	1918	21.1	
3 Ethylene glycol dinitrate						
2	8.055	8.061	-0.006	2248	20.3	
10 2,4,6-Trinitrophenol						M
2	8.481	8.471	0.010	7299	55.2	M
1	8.485	8.471	0.014	4857	52.7	
27 1,3,5-Trinitrobenzene						
1	9.645	9.644	0.001	3382	20.7	
24 1,3-Dinitrobenzene						
1	12.208	12.211	-0.003	3373	20.8	
9 3,5-Dinitroaniline						
1	12.931	12.941	-0.010	2153	20.8	
20 Tetryl						
1	13.211	13.221	-0.010	1900	20.1	
5 Nitrobenzene						
1	13.871	13.884	-0.013	1464	20.5	
7 Nitroglycerin						
2	14.415	14.418	-0.003	1577	22.4	
25 2,4,6-Trinitrotoluene						
1	15.291	15.291	0.0	1940	20.3	
26 4-Amino-2,6-dinitrotoluene						
1	15.838	15.838	0.0	1601	20.4	
$ 30 3,4-Dinitrotoluene						
1	16.275	16.271	0.004	1129	19.7	
2	16.275	16.274	0.001	2197	20.5	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	16.791	16.801	-0.010	1719	20.5	
12 2,6-Dinitrotoluene						
1	18.305	18.308	-0.003	1227	20.5	
23 2,4-Dinitrotoluene						
1	18.941	18.948	-0.007	2017	20.4	
16 o-Nitrotoluene						
1	22.171	22.151	0.020	857	20.2	
15 p-Nitrotoluene						
1	23.768	23.768	0.0	1080	20.3	
8 m-Nitrotoluene						
1	25.541	25.564	-0.023	1064	20.5	
21 PETN						
2	27.475	27.491	-0.016	772	19.6	

QC Flag Legend

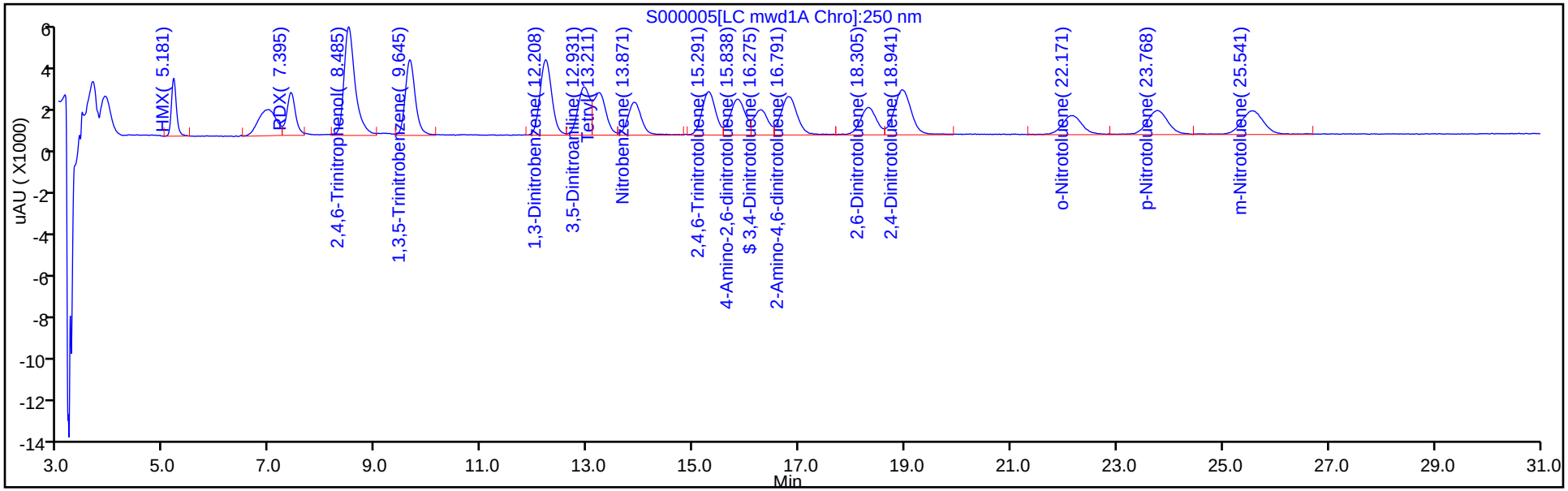
Review Flags
M - Manually Integrated

Report Date: 22-Apr-2013 09:45:27 Chrom Revision: 2.1 07-Apr-2013 20:36:54

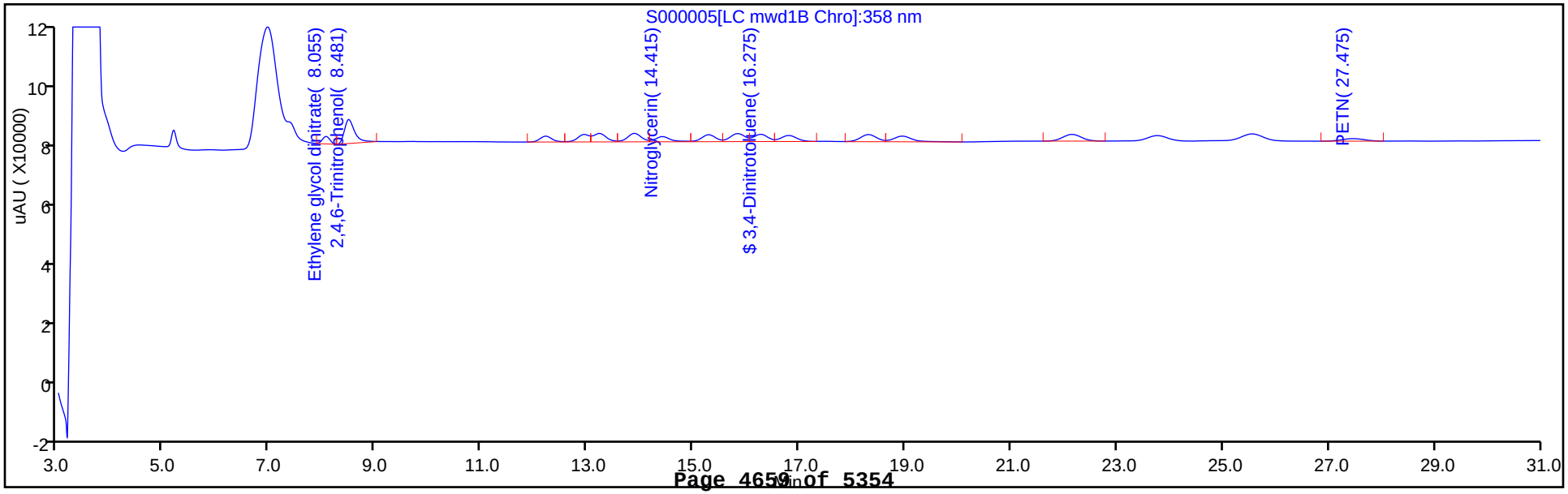
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000005.D		
Injection Date:	19-Apr-2013 12:12:47	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14686	Lims Sample ID:	4
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

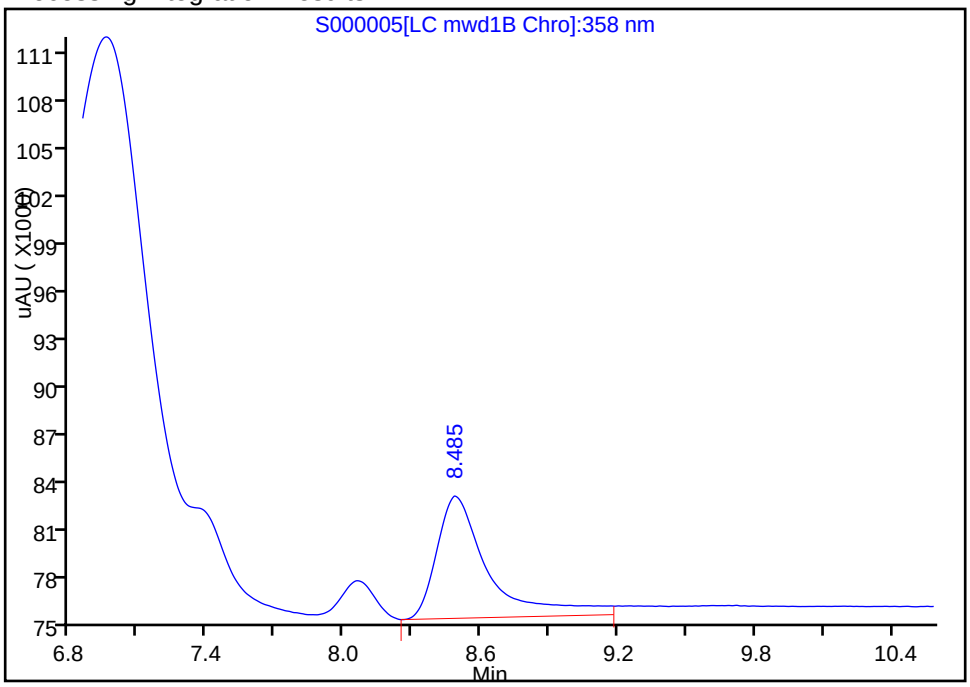
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000005.D		
Injection Date:	19-Apr-2013 12:12:47	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14686	Lims Sample ID:	4
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

10 2,4,6-Trinitrophenol, Signal: 1, Type: quant, RT: 8.47, Det: LC mwd1B

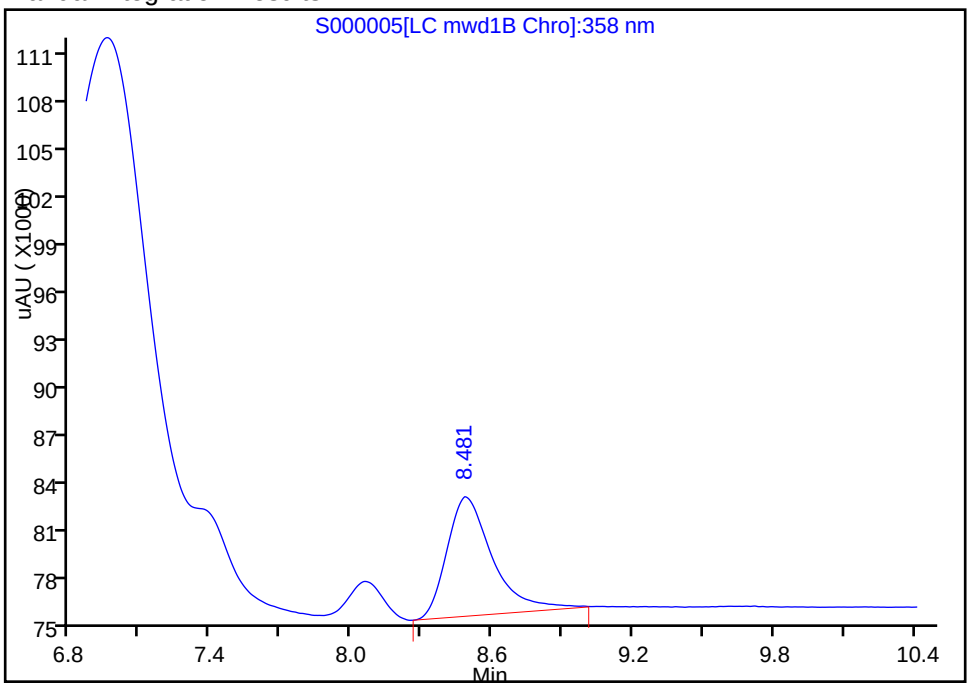
Processing Integration Results

RT: 8.48
Response: 7465
Amount: 42.836649



Manual Integration Results

RT: 8.48
Response: 7299
Amount: 55.189257



Reviewer: shafern, 19-Apr-2013 15:25:33
Audit Action: Manually Integrated
Audit Reason: Baseline

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000006.D		
Lims ID:	STD04	Client ID:	
Inject. Date:	19-Apr-2013 12:56:26	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	320-0003998-005		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	14
Lims Batch ID:	14686	Lims Sample ID:	5
Sublist:	chrom-8330_LC10*sub1		
Method:	\\SACChrom\ChromData\LC10\20130419-3998.b\8330_LC10.m		
Last Update:	22-Apr-2013 09:45:27	Calib Date:	19-Apr-2013 15:51:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK024		

First Level Reviewer: shafern Date: 19-Apr-2013 15:26:29

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.177	5.177	0.0	6372	50.8	
19 RDX						
1	7.397	7.397	0.0	4555	50.1	
3 Ethylene glycol dinitrate						
2	8.060	8.061	-0.001	5509	49.8	
10 2,4,6-Trinitrophenol						M
2	8.480	8.471	0.009	14238	107.7	M
1	8.477	8.471	0.006	9778	106.1	
27 1,3,5-Trinitrobenzene						
1	9.640	9.644	-0.004	8339	51.0	
24 1,3-Dinitrobenzene						
1	12.207	12.211	-0.004	8331	51.3	
9 3,5-Dinitroaniline						
1	12.934	12.941	-0.007	5327	51.4	
20 Tetryl						
1	13.217	13.221	-0.004	4715	49.8	
5 Nitrobenzene						
1	13.880	13.884	-0.004	3677	51.5	
7 Nitroglycerin						
2	14.410	14.418	-0.008	3403	48.4	
25 2,4,6-Trinitrotoluene						
1	15.284	15.291	-0.007	4769	50.0	
26 4-Amino-2,6-dinitrotoluene						
1	15.834	15.838	-0.004	3945	50.3	
$ 30 3,4-Dinitrotoluene						
1	16.267	16.271	-0.004	2986	52.2	
2	16.267	16.274	-0.007	5656	52.8	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	16.794	16.801	-0.007	4254	50.6	
12 2,6-Dinitrotoluene						
1	18.290	18.308	-0.018	3005	50.2	
23 2,4-Dinitrotoluene						
1	18.934	18.948	-0.014	4982	50.4	
16 o-Nitrotoluene						
1	22.137	22.151	-0.014	2128	50.1	
15 p-Nitrotoluene						
1	23.760	23.768	-0.008	2649	49.9	
8 m-Nitrotoluene						M
1	25.564	25.564	0.0	2613	50.2	M
21 PETN						
2	27.477	27.491	-0.014	1741	44.2	

QC Flag Legend

Review Flags
M - Manually Integrated

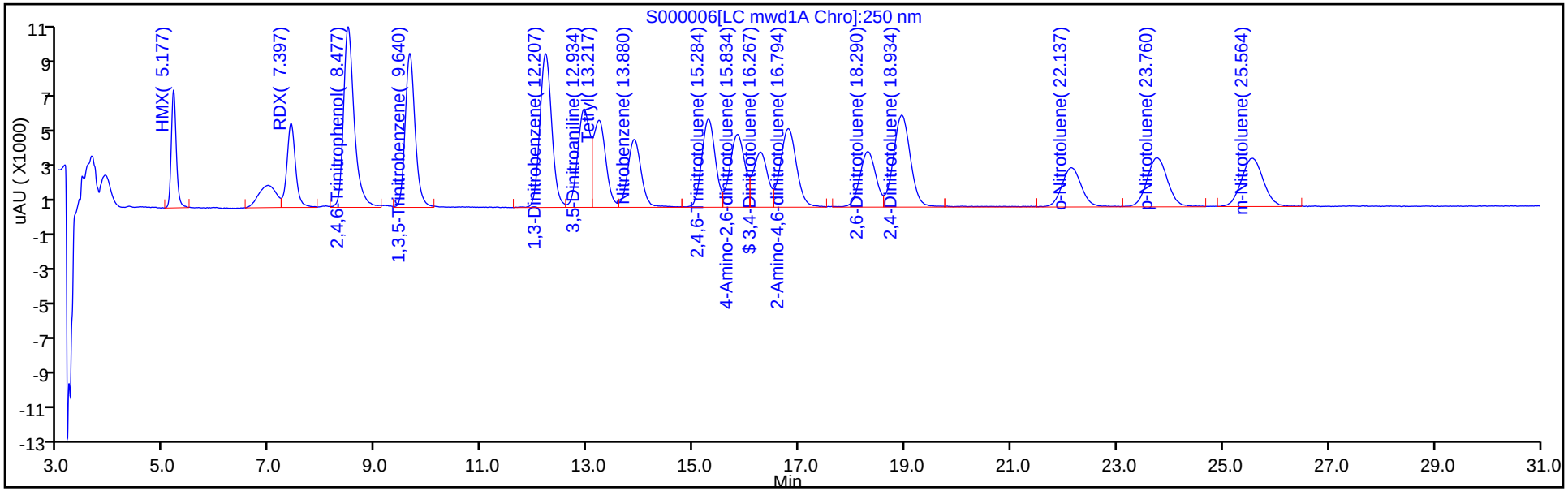
Report Date: 22-Apr-2013 09:45:28 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

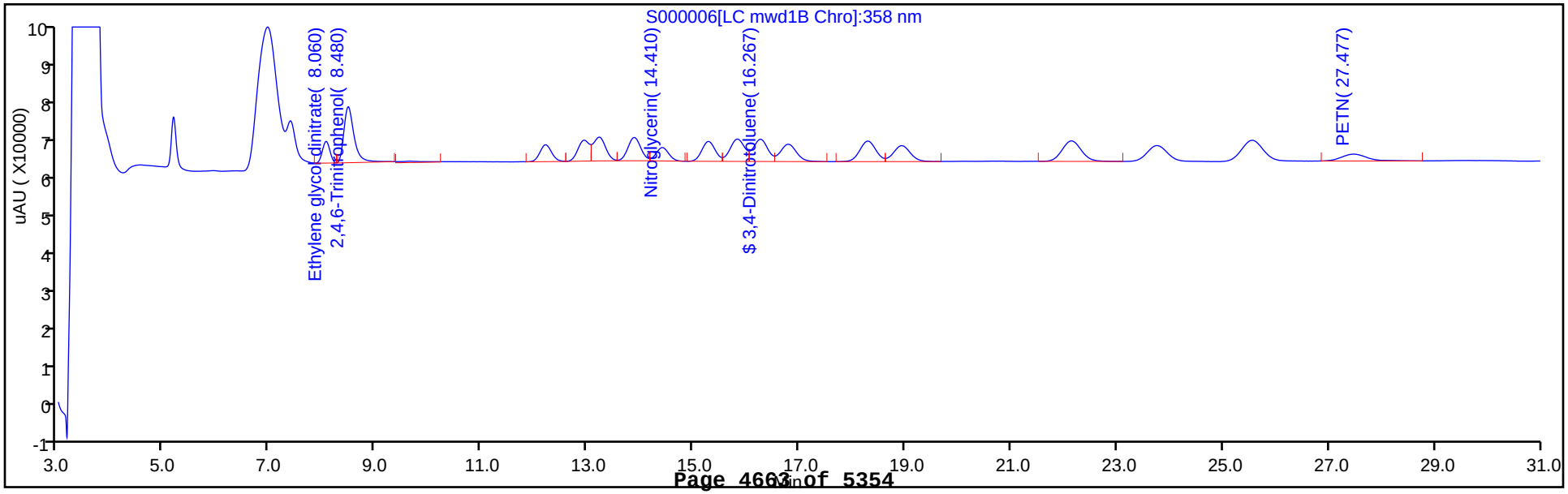
Data File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000006.D

Injection Date:	19-Apr-2013 12:56:26	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14686	Lims Sample ID:	5
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

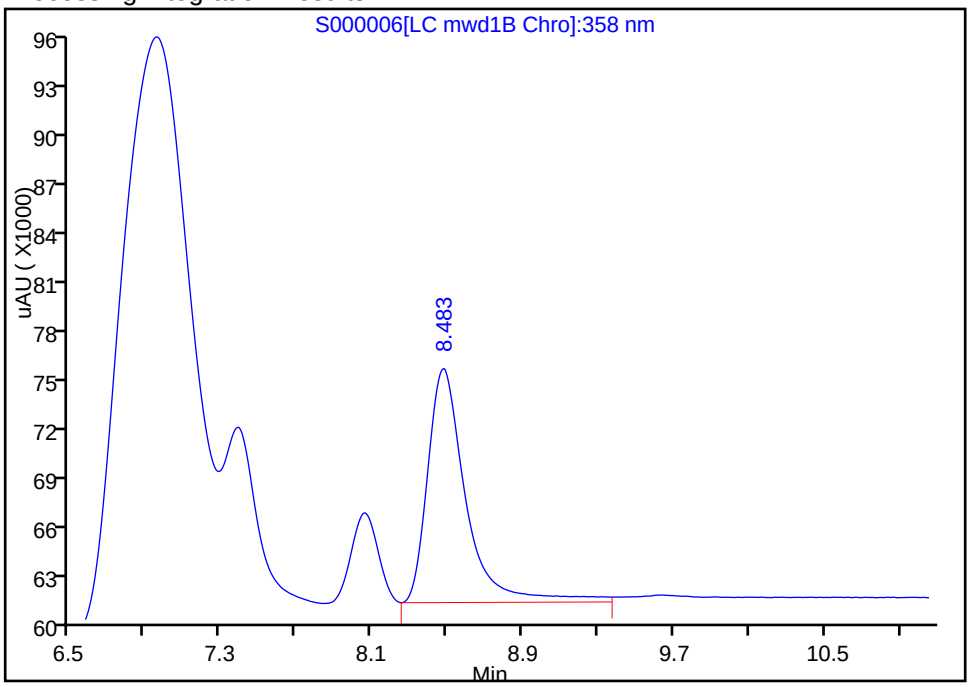
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000006.D		
Injection Date:	19-Apr-2013 12:56:26	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14686	Lims Sample ID:	5
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

10 2,4,6-Trinitrophenol, Signal: 1, Type: quant, RT: 8.47, Det: LC mwd1B

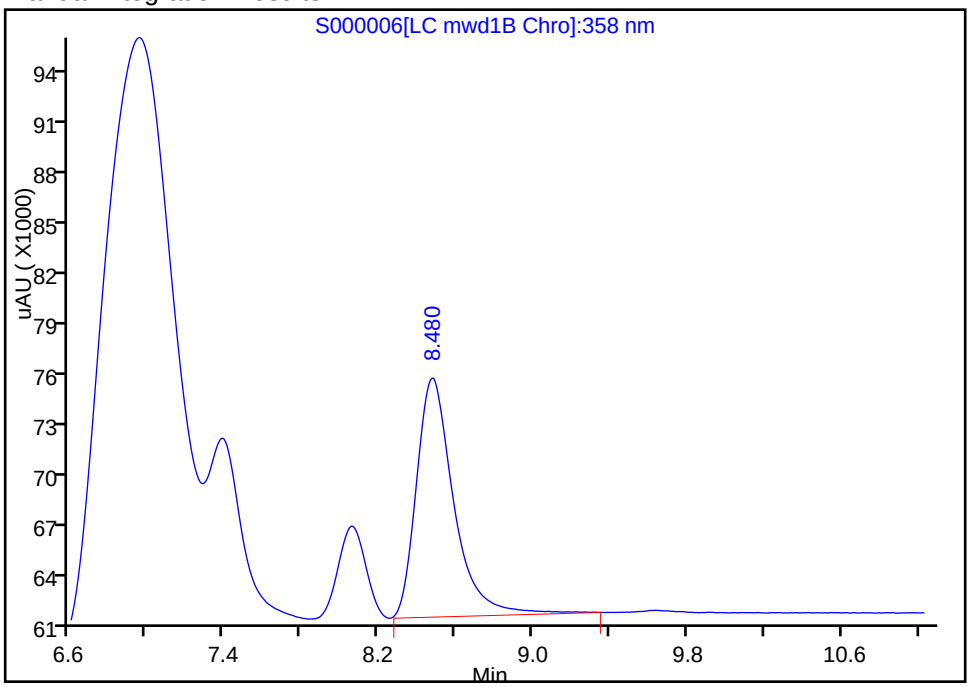
Processing Integration Results

RT: 8.48
Response: 14294
Amount: 86.313819



Manual Integration Results

RT: 8.48
Response: 14238
Amount: 107.6565



Reviewer: shafern, 19-Apr-2013 15:26:29
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

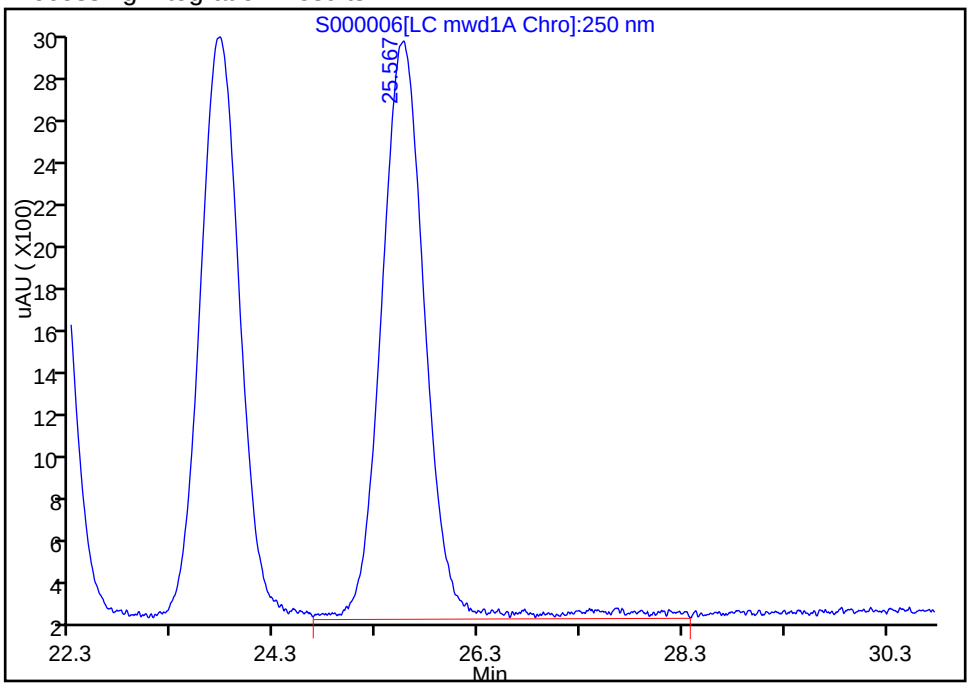
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000006.D		
Injection Date:	19-Apr-2013 12:56:26	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14686	Lims Sample ID:	5
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

8 m-Nitrotoluene, Signal: 1, Type: quant, RT: 25.56, Det: LC mwd1A

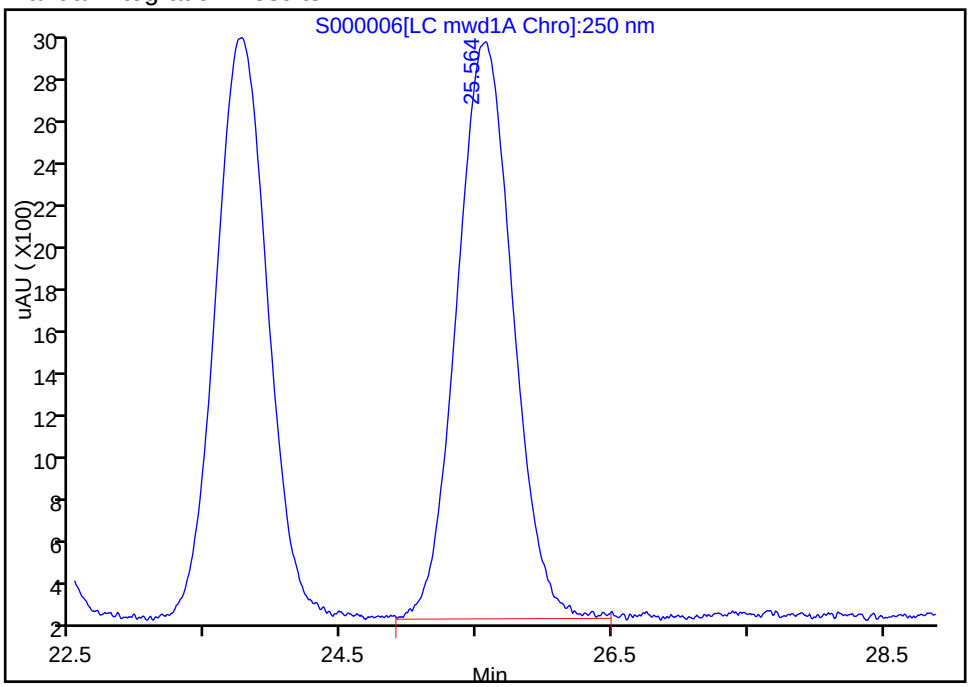
Processing Integration Results

RT: 25.57
Response: 2626
Amount: 49.263671



Manual Integration Results

RT: 25.56
Response: 2613
Amount: 50.238286



Reviewer: shafern, 19-Apr-2013 15:26:29
Audit Action: Manually Integrated
Audit Reason: Baseline

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000007.D		
Lims ID:	STD05	Client ID:	
Inject. Date:	19-Apr-2013 13:40:02	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	320-0003998-006		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	15
Lims Batch ID:	14686	Lims Sample ID:	6
Sublist:	chrom-8330_LC10*sub1		
Method:	\\SACChrom\ChromData\LC10\20130419-3998.b\8330_LC10.m		
Last Update:	22-Apr-2013 09:45:28	Calib Date:	19-Apr-2013 15:51:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK024		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.177	5.177	0.0	12694	101.2	
19 RDX						
1	7.397	7.397	0.0	8868	97.5	
3 Ethylene glycol dinitrate						
2	8.061	8.061	0.0	11175	101.1	
10 2,4,6-Trinitrophenol						
2	8.471	8.471	0.0	26918	203.5	
1	8.471	8.471	0.0	18680	202.8	
27 1,3,5-Trinitrobenzene						
1	9.644	9.644	0.0	16560	101.3	
24 1,3-Dinitrobenzene						
1	12.211	12.211	0.0	16482	101.6	
9 3,5-Dinitroaniline						
1	12.941	12.941	0.0	10501	101.3	
20 Tetryl						
1	13.221	13.221	0.0	9396	99.3	
5 Nitrobenzene						
1	13.884	13.884	0.0	7254	101.6	
7 Nitroglycerin						
2	14.418	14.418	0.0	6756	96.1	
25 2,4,6-Trinitrotoluene						
1	15.291	15.291	0.0	9517	99.8	
26 4-Amino-2,6-dinitrotoluene						
1	15.838	15.838	0.0	7852	100.2	
$ 30 3,4-Dinitrotoluene						
1	16.271	16.271	0.0	5557	97.1	
2	16.274	16.274	0.0	10567	98.6	
6 2-Amino-4,6-dinitrotoluene						
1	16.801	16.801	0.0	8432	100.4	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
12 2,6-Dinitrotoluene						
1	18.308	18.308	0.0	5967	99.7	
23 2,4-Dinitrotoluene						
1	18.948	18.948	0.0	9896	100.2	
16 o-Nitrotoluene						
1	22.151	22.151	0.0	4209	99.2	
15 p-Nitrotoluene						
1	23.768	23.768	0.0	5289	99.6	
8 m-Nitrotoluene						
1	25.564	25.564	0.0	5210	100.2	
21 PETN						
2	27.491	27.491	0.0	3689	93.7	

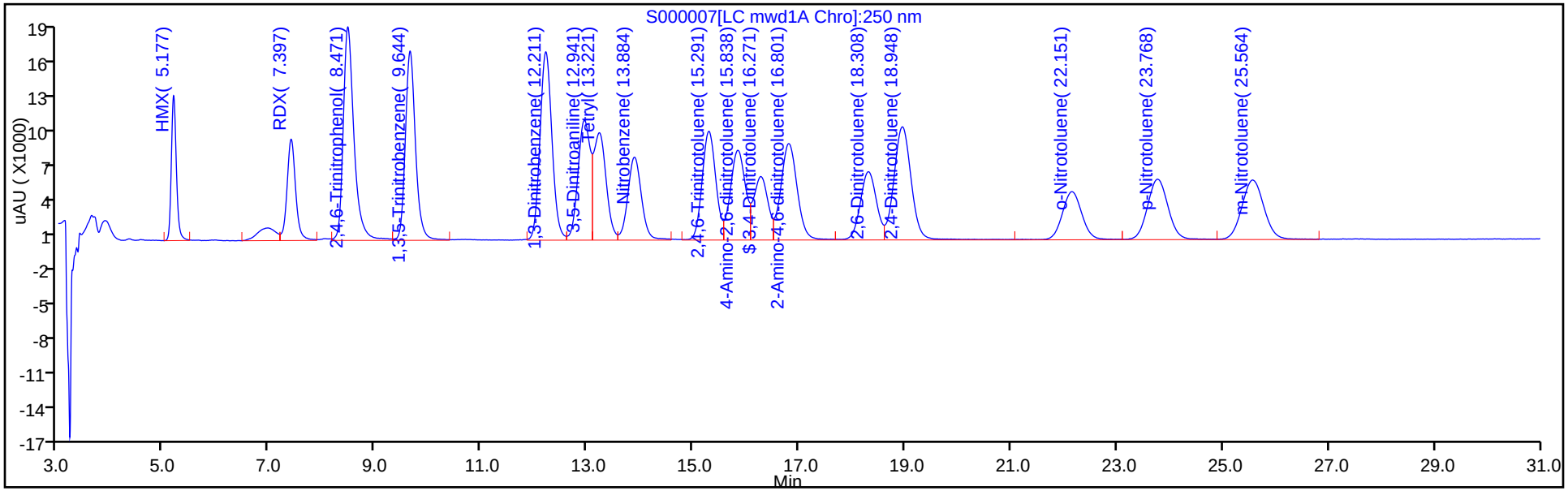
Report Date: 22-Apr-2013 09:45:28 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

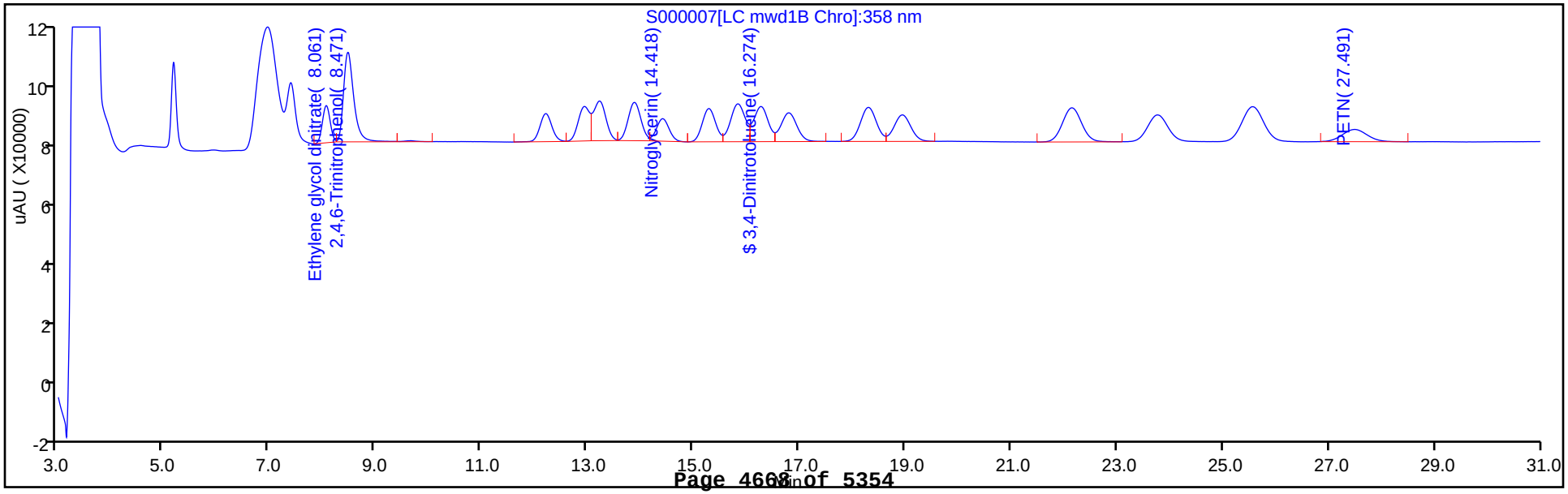
Data File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000007.D

Injection Date:	19-Apr-2013 13:40:02	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14686	Lims Sample ID:	6
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000008.D
Lims ID: STD06 Client ID:
Inject. Date: 19-Apr-2013 14:23:40 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 320-0003998-007
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 16
Lims Batch ID: 14686 Lims Sample ID: 7
Sublist: chrom-8330_LC10*sub1

Method: \\SACChrom\ChromData\LC10\20130419-3998.b\8330_LC10.m
Last Update: 22-Apr-2013 09:45:29 Calib Date: 19-Apr-2013 15:51:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK024

First Level Reviewer: shafern Date: 19-Apr-2013 15:27:19

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.176	5.177	-0.001	25267	201.4	
19 RDX						
1	7.393	7.397	-0.004	17241	189.5	
3 Ethylene glycol dinitrate						
2	8.059	8.061	-0.002	22759	205.9	
10 2,4,6-Trinitrophenol						M
2	8.433	8.471	-0.038	65156	492.7	M
1	8.433	8.471	-0.038	44678	485.0	
27 1,3,5-Trinitrobenzene						
1	9.643	9.644	-0.001	32794	200.5	
24 1,3-Dinitrobenzene						
1	12.206	12.211	-0.005	32542	200.6	
9 3,5-Dinitroaniline						
1	12.933	12.941	-0.008	20758	200.3	
20 Tetryl						
1	13.223	13.221	0.002	18775	198.4	
5 Nitrobenzene						
1	13.886	13.884	0.002	14291	200.2	
7 Nitroglycerin						
2	14.423	14.418	0.005	13446	191.2	
25 2,4,6-Trinitrotoluene						
1	15.293	15.291	0.002	19008	199.3	
26 4-Amino-2,6-dinitrotoluene						
1	15.839	15.838	0.001	15622	199.3	
$ 30 3,4-Dinitrotoluene						
1	16.279	16.271	0.008	10988	192.0	
2	16.279	16.274	0.005	20909	195.1	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	16.799	16.801	-0.002	16763	199.5	
12 2,6-Dinitrotoluene						
1	18.309	18.308	0.001	11907	199.0	
23 2,4-Dinitrotoluene						
1	18.949	18.948	0.001	19698	199.4	
16 o-Nitrotoluene						
1	22.163	22.151	0.012	8331	196.3	
15 p-Nitrotoluene						
1	23.783	23.768	0.015	10494	197.6	
8 m-Nitrotoluene						
1	25.583	25.564	0.019	10365	199.3	
21 PETN						
2	27.509	27.491	0.018	7255	184.4	

QC Flag Legend

Review Flags
M - Manually Integrated

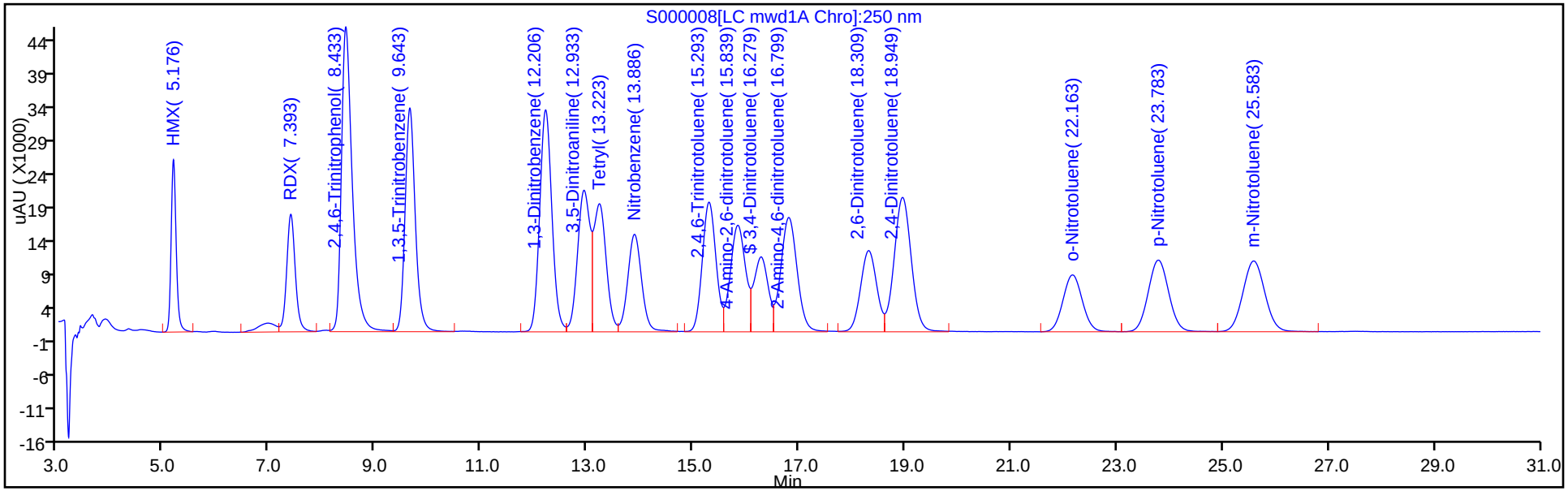
Report Date: 22-Apr-2013 09:45:29 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

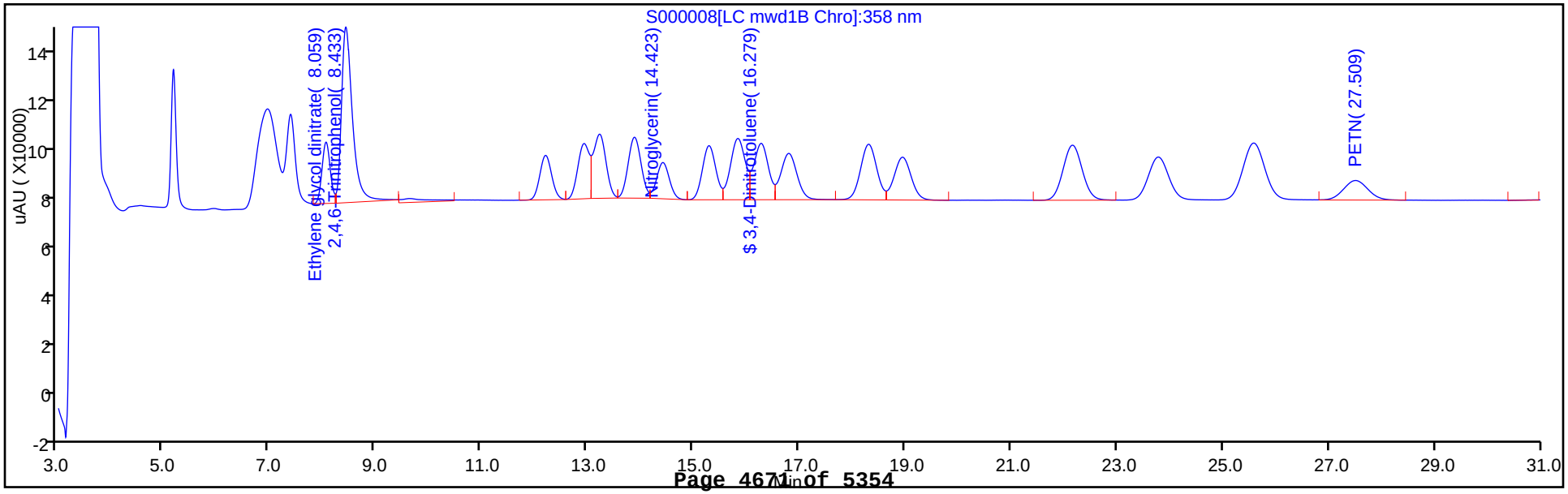
Data File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000008.D

Injection Date:	19-Apr-2013 14:23:40	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14686	Lims Sample ID:	7
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

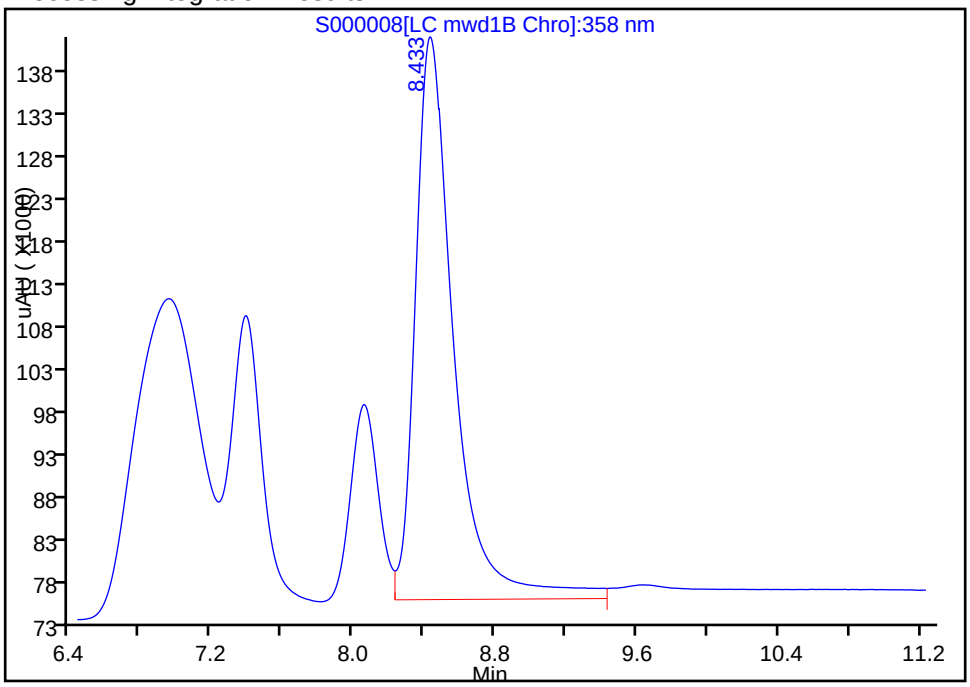
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000008.D		
Injection Date:	19-Apr-2013 14:23:40	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14686	Lims Sample ID:	7
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

10 2,4,6-Trinitrophenol, Signal: 1, Type: quant, RT: 8.47, Det: LC mwd1B

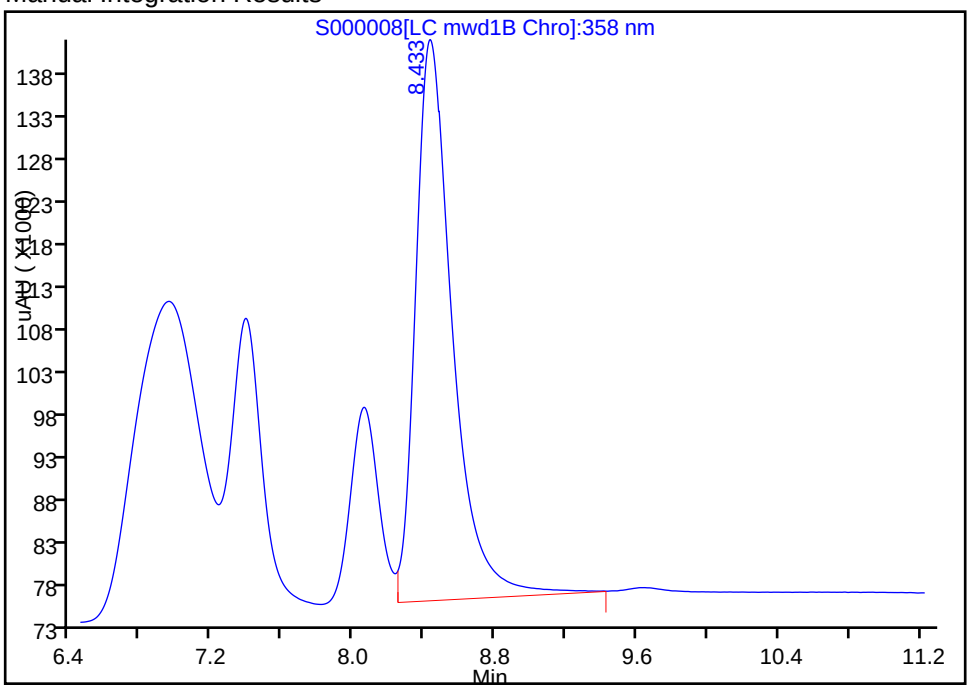
Processing Integration Results

RT: 8.43
Response: 65336
Amount: 412.1979



Manual Integration Results

RT: 8.43
Response: 65156
Amount: 492.6581



Reviewer: shafern, 19-Apr-2013 15:27:19
Audit Action: Manually Integrated
Audit Reason: Baseline

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000009.D
Lims ID: STD07 Client ID:
Inject. Date: 19-Apr-2013 15:07:19 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 7
Sample ID: 320-0003998-008
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 17
Lims Batch ID: 14686 Lims Sample ID: 8
Sublist: chrom-8330_LC10*sub1

Method: \\SACChrom\ChromData\LC10\20130419-3998.b\8330_LC10.m
Last Update: 22-Apr-2013 09:45:30 Calib Date: 19-Apr-2013 15:51:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK024

First Level Reviewer: shafern Date: 19-Apr-2013 16:36:11

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.172	5.177	-0.005	61566	490.7	
19 RDX						
1	7.389	7.397	-0.008	40090	440.6	
3 Ethylene glycol dinitrate						
2	8.055	8.061	-0.006	54185	490.3	
10 2,4,6-Trinitrophenol						M
2	8.402	8.471	-0.069	121095	915.6	M
1	8.402	8.471	-0.069	82784	898.6	
27 1,3,5-Trinitrobenzene						
1	9.642	9.644	-0.002	78943	482.7	
24 1,3-Dinitrobenzene						
1	12.209	12.211	-0.002	77722	479.1	
9 3,5-Dinitroaniline						
1	12.939	12.941	-0.002	49661	479.2	
20 Tetryl						
1	13.229	13.221	0.008	46816	494.7	
5 Nitrobenzene						
1	13.885	13.884	0.001	34191	479.0	
7 Nitroglycerin						
2	14.429	14.418	0.011	32582	463.4	
25 2,4,6-Trinitrotoluene						
1	15.302	15.291	0.011	46703	489.6	
26 4-Amino-2,6-dinitrotoluene						
1	15.852	15.838	0.014	38004	485.0	
$ 30 3,4-Dinitrotoluene						
1	16.282	16.271	0.011	16751	292.8	
2	16.285	16.274	0.011	31557	294.5	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	16.815	16.801	0.014	40608	483.3	
12 2,6-Dinitrotoluene						
1	18.329	18.308	0.021	29008	484.8	
23 2,4-Dinitrotoluene						
1	18.972	18.948	0.024	48115	487.0	
16 o-Nitrotoluene						
1	22.179	22.151	0.028	20494	482.8	
15 p-Nitrotoluene						
1	23.802	23.768	0.034	25862	487.0	
8 m-Nitrotoluene						
1	25.605	25.564	0.041	25555	491.3	
21 PETN						
2	27.542	27.491	0.051	17977	456.9	

QC Flag Legend

Review Flags
M - Manually Integrated

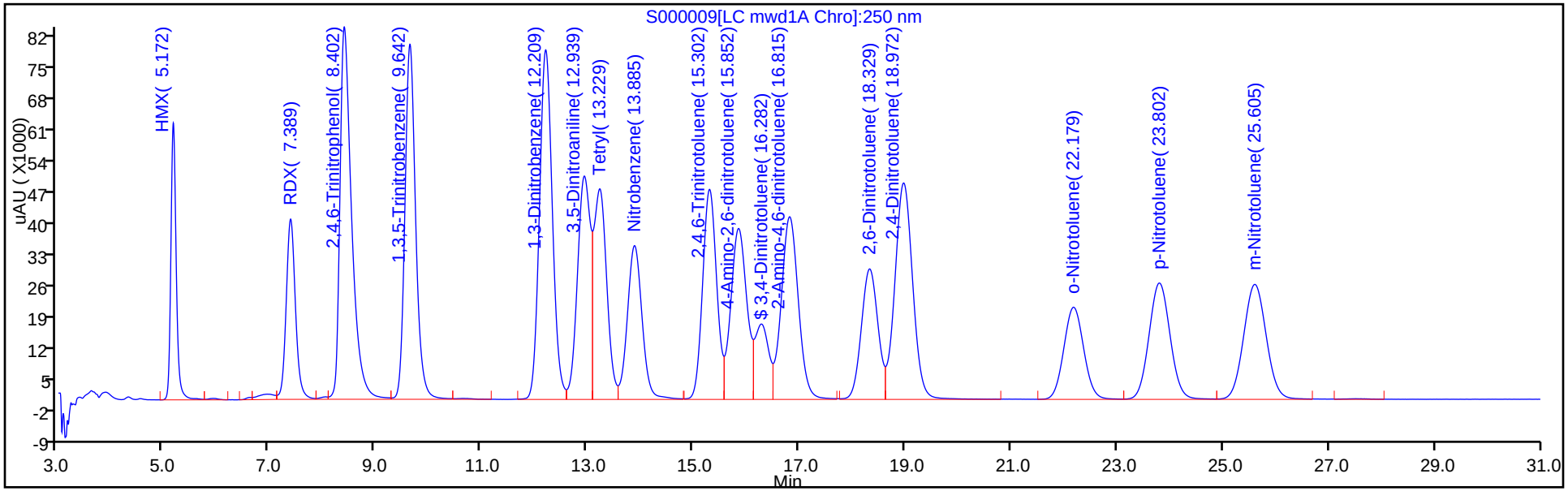
Report Date: 22-Apr-2013 09:45:30 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

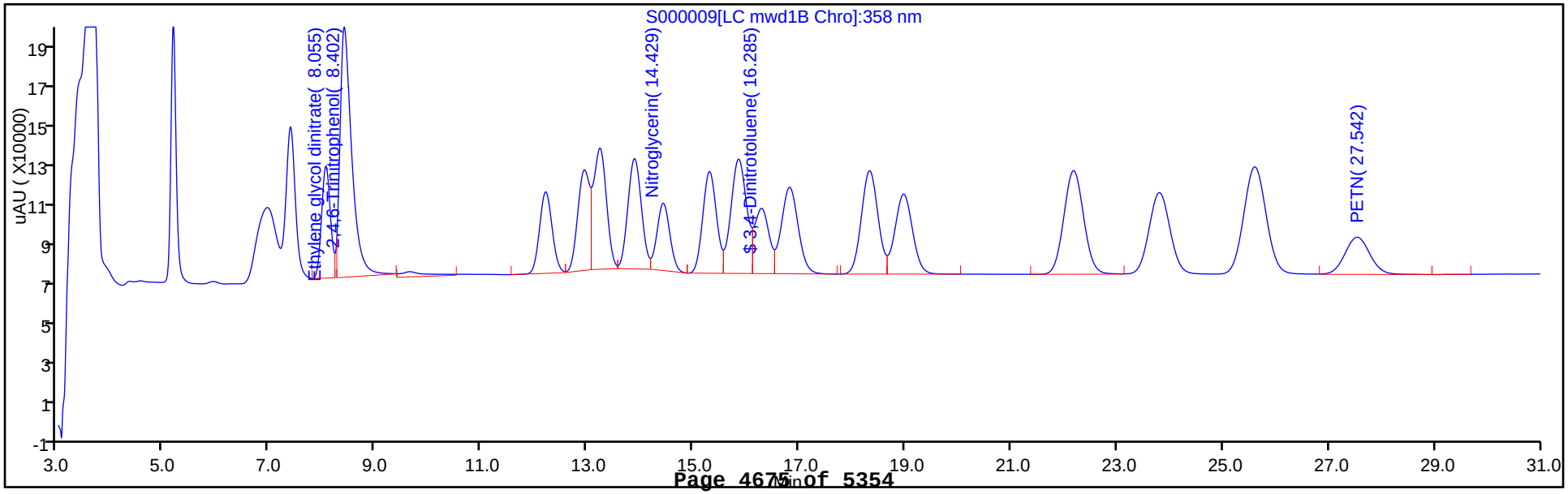
Data File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000009.D

Injection Date:	19-Apr-2013 15:07:19	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14686	Lims Sample ID:	8
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Report Date: 22-Apr-2013 09:45:30 Chrom Revision: 2.1 07-Apr-2013 20:36:54

Manual Integration/User Assign Peak Report

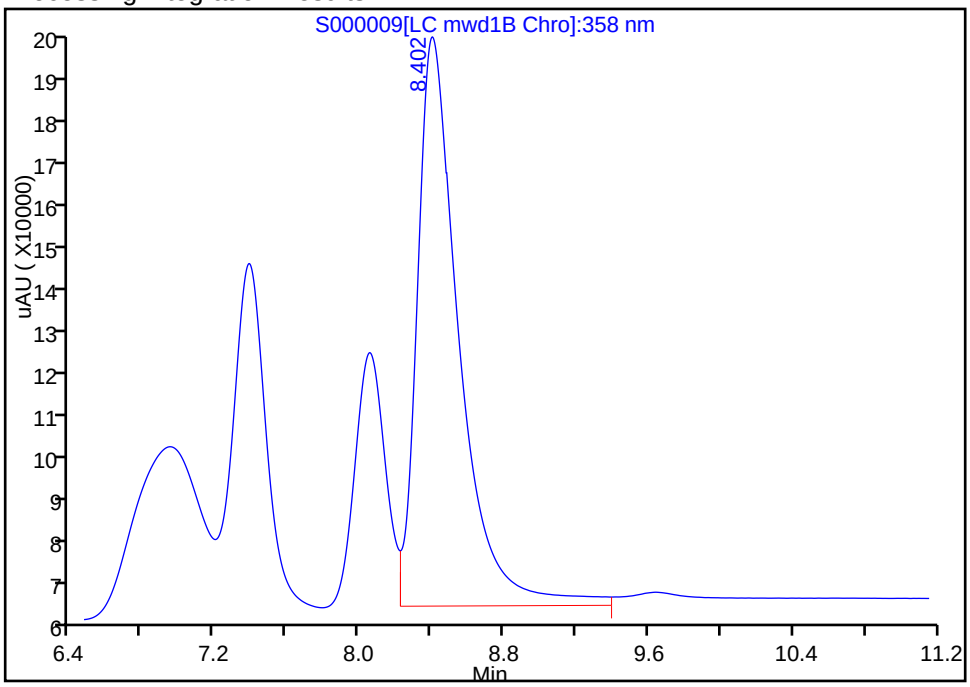
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000009.D		
Injection Date:	19-Apr-2013 15:07:19	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14686	Lims Sample ID:	8
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

10 2,4,6-Trinitrophenol, Signal: 1, Type: quant, RT: 8.47, Det: LC mwd1B

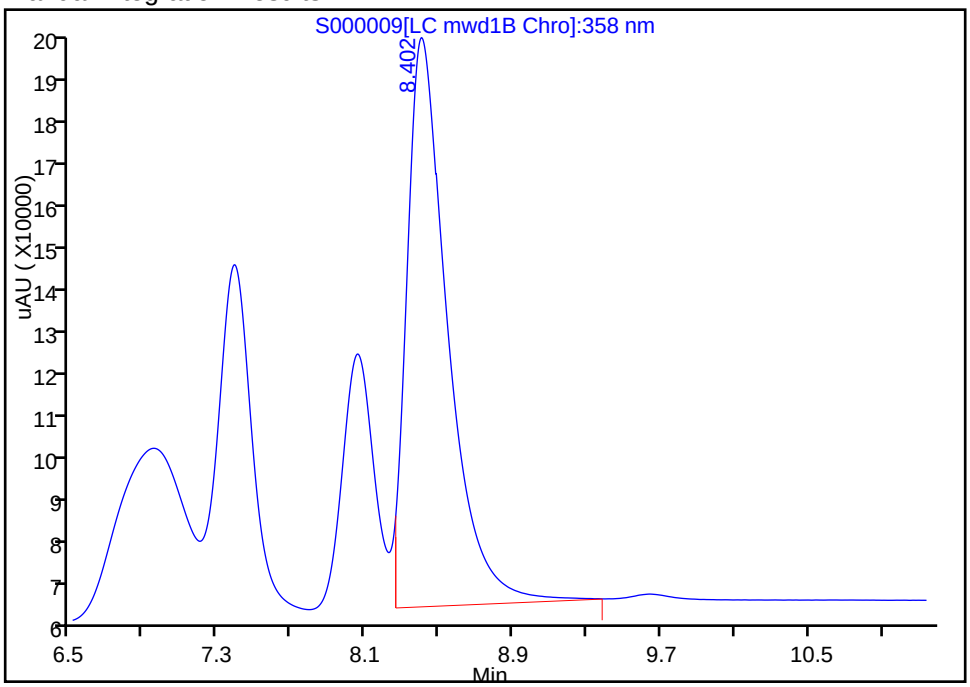
Processing Integration Results

RT: 8.40
Response: 121334
Amount: 972.5626



Manual Integration Results

RT: 8.40
Response: 121095
Amount: 915.6245



Reviewer: shafern, 19-Apr-2013 16:36:11
Audit Action: Manually Integrated
Audit Reason: Baseline

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D		
Lims ID:	STD08	Client ID:	
Inject. Date:	19-Apr-2013 15:51:00	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	8
Sample ID:	320-0003998-009		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	18
Lims Batch ID:	14686	Lims Sample ID:	9
Sublist:	chrom-8330_LC10*sub1		
Method:	\\SACChrom\ChromData\LC10\20130419-3998.b\8330_LC10.m		
Last Update:	22-Apr-2013 09:45:31	Calib Date:	19-Apr-2013 15:51:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK024		

First Level Reviewer: shafern Date: 22-Apr-2013 09:44:45

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.157	5.177	-0.020	110291	879.1	
19 RDX						
1	7.354	7.397	-0.043	66491	730.7	
3 Ethylene glycol dinitrate						
2	8.030	8.061	-0.031	92745	839.2	
10 2,4,6-Trinitrophenol						
2	8.317	8.471	-0.154	211078	1596.0	
1	8.317	8.471	-0.154	142605	1547.9	
27 1,3,5-Trinitrobenzene						
1	9.614	9.644	-0.030	140814	861.0	
24 1,3-Dinitrobenzene						
1	12.164	12.211	-0.047	136282	840.0	
9 3,5-Dinitroaniline						
1	12.887	12.941	-0.054	86750	837.1	
20 Tetryl						
1	13.191	13.221	-0.030	90160	952.8	
5 Nitrobenzene						
1	13.841	13.884	-0.043	60068	841.6	
7 Nitroglycerin						
2	14.394	14.418	-0.024	60020	853.6	
25 2,4,6-Trinitrotoluene						
1	15.271	15.291	-0.020	87568	917.9	
26 4-Amino-2,6-dinitrotoluene						
1	15.797	15.838	-0.041	69235	883.5	
$ 30 3,4-Dinitrotoluene						
1	16.231	16.271	-0.040	27760	485.2	
2	16.237	16.274	-0.037	51173	477.6	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	16.761	16.801	-0.040	73519	875.0	
12 2,6-Dinitrotoluene						
1	18.281	18.308	-0.027	53808	899.3	
23 2,4-Dinitrotoluene						
1	18.921	18.948	-0.027	89180	902.7	
16 o-Nitrotoluene						
1	22.141	22.151	-0.010	38030	895.9	
15 p-Nitrotoluene						
1	23.771	23.768	0.003	48433	912.1	
8 m-Nitrotoluene						
1	25.581	25.564	0.017	48102	924.8	
21 PETN						
2	27.541	27.491	0.050	35657	906.2	

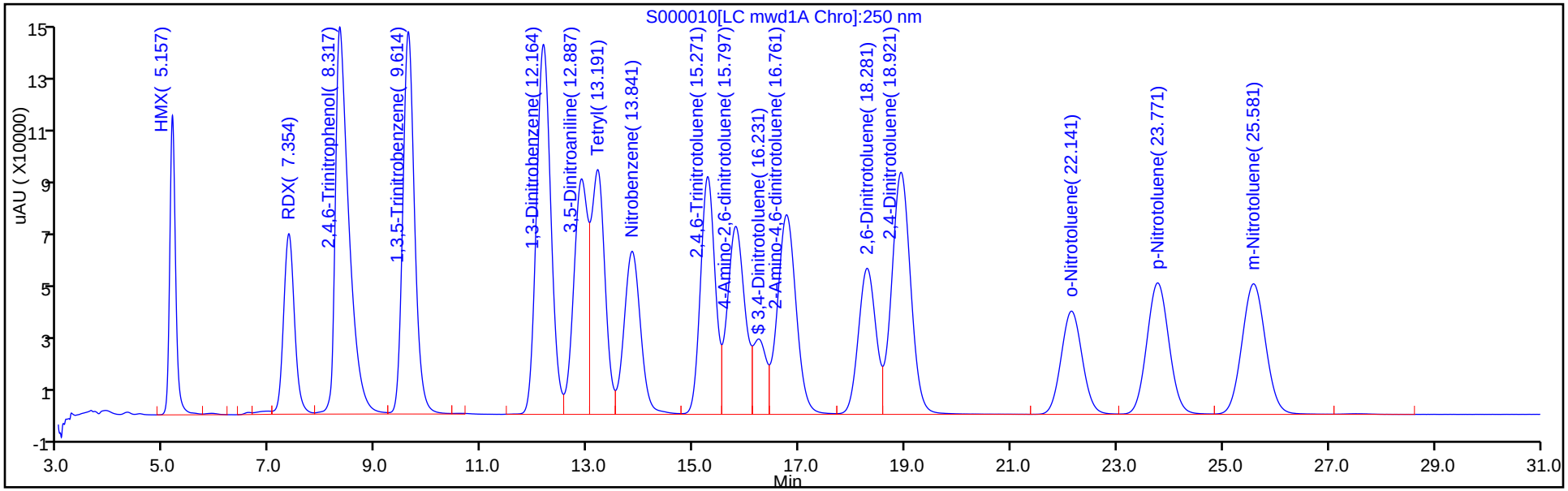
Report Date: 22-Apr-2013 09:45:31 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

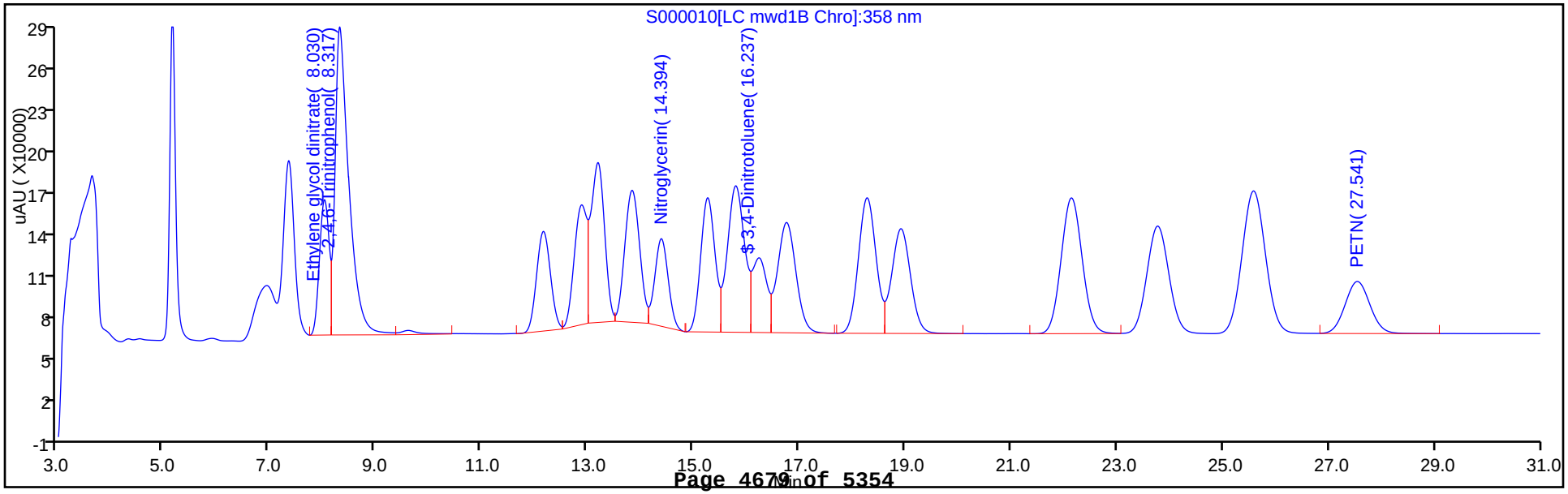
Data File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D

Injection Date:	19-Apr-2013 15:51:00	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14686	Lims Sample ID:	9
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1 Analy Batch No.: 1385

SDG No.:

Instrument ID: LC11 GC Column: ID: Heated Purge: (Y/N) N

Calibration Start Date: 04/30/2012 14:52 Calibration End Date: 04/30/2012 21:31 Calibration ID: 1035

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 320-1385/2	M-002.D
Level 2	STD02 320-1385/3	M-003.D
Level 3	STD03 320-1385/4	M-004.D
Level 4	STD04 320-1385/5	M-005.D
Level 5	STD05 320-1385/6	M-006.D
Level 6	STD06 320-1385/7	M-007.D
Level 7	STD07 320-1385/8	M-008.D
Level 8	STD08 320-1385/9	M-009.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7	LVL 8			RT WINDOW	AVG RT
HMX	20.442	20.414	20.432	20.412	20.410	20.405	20.371	20.360			20.160 - 20.660	20.406
RDX	23.655	23.638	23.639	23.639	23.647	23.638	23.614	23.600			23.397 - 23.897	23.634
1,3,5-Trinitrobenzene	25.605	25.584	25.586	25.589	25.600	25.588	25.574	25.560			25.350 - 25.850	25.586
Picric acid	25.945	25.938	25.929	25.926	25.923	25.878	25.828	25.747			25.673 - 26.173	25.889
1,3-Dinitrobenzene	28.322	28.301	28.296	28.302	28.323	28.308	28.294	28.277			28.073 - 28.573	28.303
3,5-Dinitroaniline	29.445	29.424	29.422	29.429	29.453	29.435	29.418	29.404			29.203 - 29.703	29.429
Nitrobenzene	29.915	29.898	29.882	29.896	29.920	29.901	29.888	29.870			29.670 - 30.170	29.896
Tetryl	30.249	30.218	30.219	30.226	30.250	30.231	30.218	30.210			30.000 - 30.500	30.228
Nitroglycerin	+++++	+++++	30.712	30.716	30.743	30.725	30.711	30.700			30.493 - 30.993	30.718
2,4,6-Trinitrotoluene	31.475	31.448	31.442	31.449	31.477	31.455	31.441	31.430			31.227 - 31.727	31.452
4-Amino-2,6-dinitrotoluene	32.439	32.428	32.416	32.426	32.457	32.435	32.418	32.400			32.207 - 32.707	32.427
2-Amino-4,6-dinitrotoluene	33.135	33.111	33.102	33.112	33.147	33.118	33.104	33.084			32.897 - 33.397	33.114
2,6-Dinitrotoluene	34.382	34.344	34.312	34.332	34.373	34.345	34.331	34.317			34.123 - 34.623	34.342
2,4-Dinitrotoluene	34.752	34.724	34.706	34.722	34.760	34.731	34.718	34.700			34.510 - 35.010	34.727
2-Nitrotoluene	37.628	37.601	37.565	37.599	37.646	37.611	37.601	37.577			37.396 - 37.896	37.604
4-Nitrotoluene	38.828	38.827	38.785	38.812	38.866	38.828	38.821	38.794			38.616 - 39.116	38.820
3-Nitrotoluene	40.332	40.304	40.282	40.299	40.356	40.318	40.311	40.280			40.106 - 40.606	40.310
PETN	+++++	+++++	40.932	40.962	41.016	40.965	40.961	40.940			40.766 - 41.266	40.963
3,4-Dinitrotoluene	32.795	32.778	32.769	32.772	32.810	32.785	32.771	32.757			32.560 - 33.060	32.780

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1 Analy Batch No.: 1385

SDG No.:

Instrument ID: LC11 GC Column: ID: Heated Purge: (Y/N) N

Calibration Start Date: 04/30/2012 14:52 Calibration End Date: 04/30/2012 21:31 Calibration ID: 1035

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 320-1385/2	M-002.D
Level 2	STD02 320-1385/3	M-003.D
Level 3	STD03 320-1385/4	M-004.D
Level 4	STD04 320-1385/5	M-005.D
Level 5	STD05 320-1385/6	M-006.D
Level 6	STD06 320-1385/7	M-007.D
Level 7	STD07 320-1385/8	M-008.D
Level 8	STD08 320-1385/9	M-009.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3 LVL 7	LVL 4 LVL 8		B	M1	M2								
HMX	102.00 100.69	99.500 96.920	98.300 88.544	97.120 70.622	Ave		94.2120000				11.0		20.0			
RDX	103.80 100.88	99.100 96.140	99.150 86.862	97.280 68.761	Ave		93.9966250				12.0		20.0			
1,3,5-Trinitrobenzene	223.80 223.84	223.10 220.13	217.70 210.02	216.44 188.23	Ave		215.407625				5.5		20.0			
Picric acid	241.80 199.01	197.05 185.80	187.38 164.50	196.81 143.76	Ave		189.514188				15.0		20.0			
1,3-Dinitrobenzene	234.40 239.30	233.20 234.66	229.70 224.64	230.68 202.70	Ave		228.660000				5.0		20.0			
3,5-Dinitroaniline	152.20 154.70	154.50 154.17	152.40 148.73	150.88 135.98	Ave		150.444125				4.1		20.0			
Nitrobenzene	104.00 102.99	101.20 100.84	92.650 97.416	99.360 88.896	Ave		98.4190000				5.3		20.0			
Tetryl	124.60 125.04	123.00 124.39	120.75 123.00	120.56 120.94	Ave		122.785375				1.5		20.0			
Nitroglycerin	+++++ 94.100	+++++ 94.595	77.600 95.572	85.080 93.287	Ave		90.0390000				8.0		20.0			
2,4,6-Trinitrotoluene	129.40 132.78	131.60 132.12	127.90 130.38	128.26 126.74	Ave		129.897750				1.7		20.0			
4-Amino-2,6-dinitrotoluene	104.20 105.84	105.80 106.65	104.50 104.73	103.14 99.890	Ave		104.343625				2.0		20.0			
2-Amino-4,6-dinitrotoluene	117.40 117.77	116.80 118.19	115.15 115.71	114.80 109.87	Ave		115.711125				2.3		20.0			
2,6-Dinitrotoluene	81.600 81.440	80.500 80.775	78.550 79.264	78.740 76.622	Ave		79.6863750				2.1		20.0			
2,4-Dinitrotoluene	133.00 133.49	131.20 132.68	128.50 130.62	128.76 126.12	Ave		130.546000				2.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1 Analy Batch No.: 1385

SDG No.:

Instrument ID: LC11 GC Column: ID: Heated Purge: (Y/N) N

Calibration Start Date: 04/30/2012 14:52 Calibration End Date: 04/30/2012 21:31 Calibration ID: 1035

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3 LVL 7	LVL 4 LVL 8		B	M1	M2								
2-Nitrotoluene	57.000 53.850	51.300 52.535	47.250 52.020	50.720 49.792	Ave		51.8083750				5.6		20.0			
4-Nitrotoluene	64.000 68.690	68.300 68.150	61.900 67.794	66.620 65.856	Ave		66.4137500				3.6		20.0			
3-Nitrotoluene	63.400 67.720	66.100 67.285	60.700 67.154	65.580 65.463	Ave		65.4252500				3.6		20.0			
PETN	+++++ 53.180	+++++ 53.445	45.300 53.150	49.620 53.251	Ave		51.3243333				6.4		20.0			
3,4-Dinitrotoluene	71.000 73.420	69.200 73.020	67.650 62.654	69.320 72.180	Ave		69.8055357				5.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1 Analy Batch No.: 1385

SDG No.:

Instrument ID: LC11 GC Column: ID: Heated Purge: (Y/N) N

Calibration Start Date: 04/30/2012 14:52 Calibration End Date: 04/30/2012 21:31 Calibration ID: 1035

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 320-1385/2	M-002.D
Level 2	STD02 320-1385/3	M-003.D
Level 3	STD03 320-1385/4	M-004.D
Level 4	STD04 320-1385/5	M-005.D
Level 5	STD05 320-1385/6	M-006.D
Level 6	STD06 320-1385/7	M-007.D
Level 7	STD07 320-1385/8	M-008.D
Level 8	STD08 320-1385/9	M-009.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
HMX	Ave	510 19384	995 44272	1966 70622	4856	10069	5.00 200	10.0 500	20.0 1000	50.0	100
RDX	Ave	519 19228	991 43431	1983 68761	4864	10088	5.00 200	10.0 500	20.0 1000	50.0	100
1,3,5-Trinitrobenzene	Ave	1119 44026	2231 105011	4354 188229	10822	22384	5.00 200	10.0 500	20.0 1000	50.0	100
Picric acid	Ave	2418 92902	3941 164503	9369 287523	19681	39801	10.0 500	20.0 1000	50.0 2000	100	200
1,3-Dinitrobenzene	Ave	1172 46932	2332 112318	4594 202704	11534	23930	5.00 200	10.0 500	20.0 1000	50.0	100
3,5-Dinitroaniline	Ave	761 30834	1545 74363	3048 135977	7544	15470	5.00 200	10.0 500	20.0 1000	50.0	100
Nitrobenzene	Ave	520 20168	1012 48708	1853 88896	4968	10299	5.00 200	10.0 500	20.0 1000	50.0	100
Tetryl	Ave	623 24878	1230 61501	2415 120941	6028	12504	5.00 200	10.0 500	20.0 1000	50.0	100
Nitroglycerin	Ave	+++++ 18919	+++++ 47786	1552 93287	4254	9410	+++++ 200	+++++ 500	20.0 1000	50.0	100
2,4,6-Trinitrotoluene	Ave	647 26424	1316 65191	2558 126740	6413	13278	5.00 200	10.0 500	20.0 1000	50.0	100
4-Amino-2,6-dinitrotoluene	Ave	521 21329	1058 52367	2090 99890	5157	10584	5.00 200	10.0 500	20.0 1000	50.0	100
2-Amino-4,6-dinitrotoluene	Ave	587 23637	1168 57857	2303 109870	5740	11777	5.00 200	10.0 500	20.0 1000	50.0	100
2,6-Dinitrotoluene	Ave	408 16155	805 39632	1571 76622	3937	8144	5.00 200	10.0 500	20.0 1000	50.0	100
2,4-Dinitrotoluene	Ave	665 26536	1312 65308	2570 126122	6438	13349	5.00 200	10.0 500	20.0 1000	50.0	100
2-Nitrotoluene	Ave	285 10507	513 26010	945 49792	2536	5385	5.00 200	10.0 500	20.0 1000	50.0	100

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1 Analy Batch No.: 1385

SDG No.:

Instrument ID: LC11 GC Column: ID: Heated Purge: (Y/N) N

Calibration Start Date: 04/30/2012 14:52 Calibration End Date: 04/30/2012 21:31 Calibration ID: 1035

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
4-Nitrotoluene	Ave	320 13630	683 33897	1238 65856	3331	6869	5.00 200	10.0 500	20.0 1000	50.0	100
3-Nitrotoluene	Ave	317 13457	661 33577	1214 65463	3279	6772	5.00 200	10.0 500	20.0 1000	50.0	100
PETN	Ave	+++++ 10689	+++++ 26575	906 53251	2481	5318	+++++ 200	+++++ 500	20.0 1000	50.0	100
3,4-Dinitrotoluene	Ave	355 14604	692 21929	1353 36090	3466	7342	5.00 200	10.0 350	20.0 500	50.0	100

Curve Type Legend:
Ave = Average by Height

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC11\20120531-303.b\M-002.D		
Lims ID:	STD01	Client ID:	
Inject. Date:	30-Apr-2012 14:52:49	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	STD_01 HP8330L1_00001 5 ng/mL;1;		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC11
Injection Vol:	500.0 ul	ALS Bottle#:	11
Lims Batch ID:	1385	Lims Sample ID:	2
Sublist:	chrom-8330 Metab LC11*sub1		
Method:	\\SACChrom\ChromData\LC11\20120531-303.b\8330 Metab LC11.m		
Last Update:	18-Sep-2012 15:07:49	Calib Date:	30-Apr-2012 21:31:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC11\20120531-303.b\M-009.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK014		

First Level Reviewer: noonanr Date: 27-Aug-2012 15:40:19

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	20.442	20.410	0.032	510	5.41	
19 RDX						
1	23.655	23.647	0.008	519	5.52	
27 1,3,5-Trinitrobenzene						
1	25.605	25.600	0.005	1119	5.19	
10 2,4,6-Trinitrophenol						M
2	25.945	25.923	0.022	2418	12.8	M
1	25.962	25.923	0.039	1270	10.3	
24 1,3-Dinitrobenzene						
1	28.322	28.323	-0.001	1172	5.13	
9 3,5-Dinitroaniline						
1	29.445	29.453	-0.008	761	5.06	
5 Nitrobenzene						
1	29.915	29.920	-0.005	520	5.28	
20 Tetryl						
1	30.249	30.250	-0.001	623	5.07	
7 Nitroglycerin						
2	30.739	30.743	-0.004	428	4.75	
25 2,4,6-Trinitrotoluene						
1	31.475	31.477	-0.002	647	4.98	
26 4-Amino-2,6-dinitrotoluene						
1	32.439	32.457	-0.018	521	4.99	
$ 30 3,4-Dinitrotoluene						
1	32.795	32.810	-0.015	355	5.09	
2	32.805	32.807	-0.002	496	3.84	
6 2-Amino-4,6-dinitrotoluene						
1	33.135	33.147	-0.012	587	5.07	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
12 2,6-Dinitrotoluene						
1	34.382	34.373	0.009	408	5.12	
23 2,4-Dinitrotoluene						
1	34.752	34.760	-0.008	665	5.09	
16 o-Nitrotoluene						
1	37.628	37.646	-0.018	285	5.50	
15 p-Nitrotoluene						
1	38.828	38.866	-0.038	320	4.82	
8 m-Nitrotoluene						
1	40.332	40.356	-0.024	317	4.85	
21 PETN						
2	41.015	41.016	-0.001	205	3.99	

QC Flag Legend

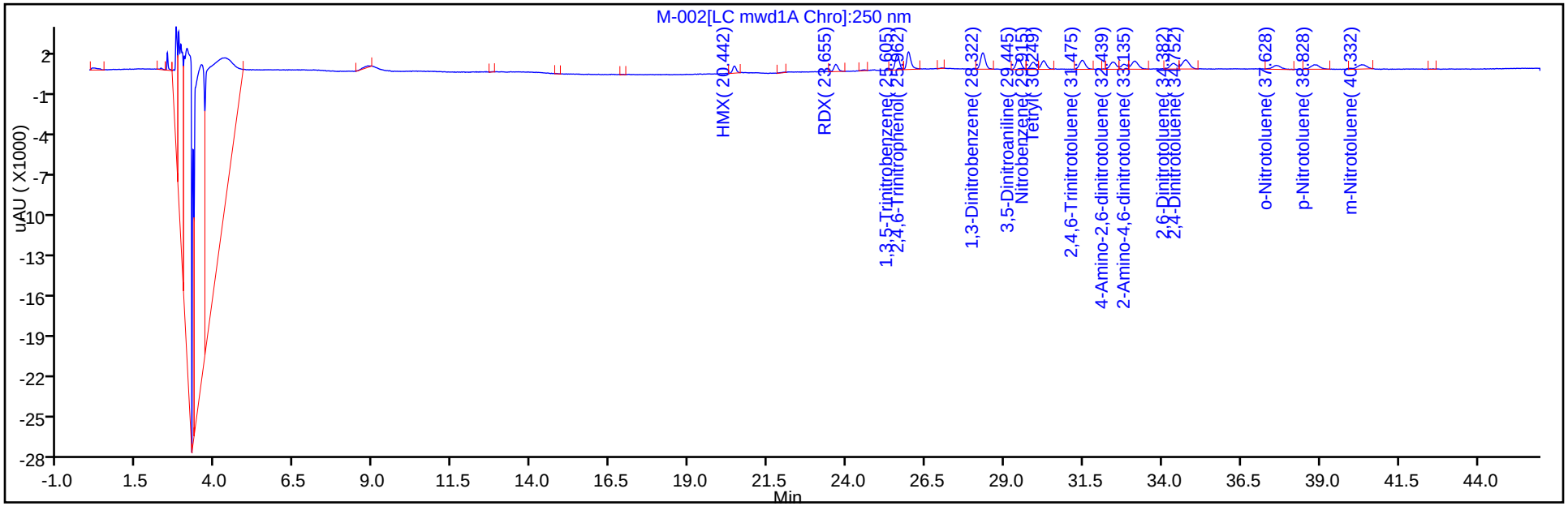
Review Flags
M - Manually Integrated

Report Date: 18-Sep-2012 15:07:50 Chrom Revision: 2.1 16-Sep-2012 09:37:06

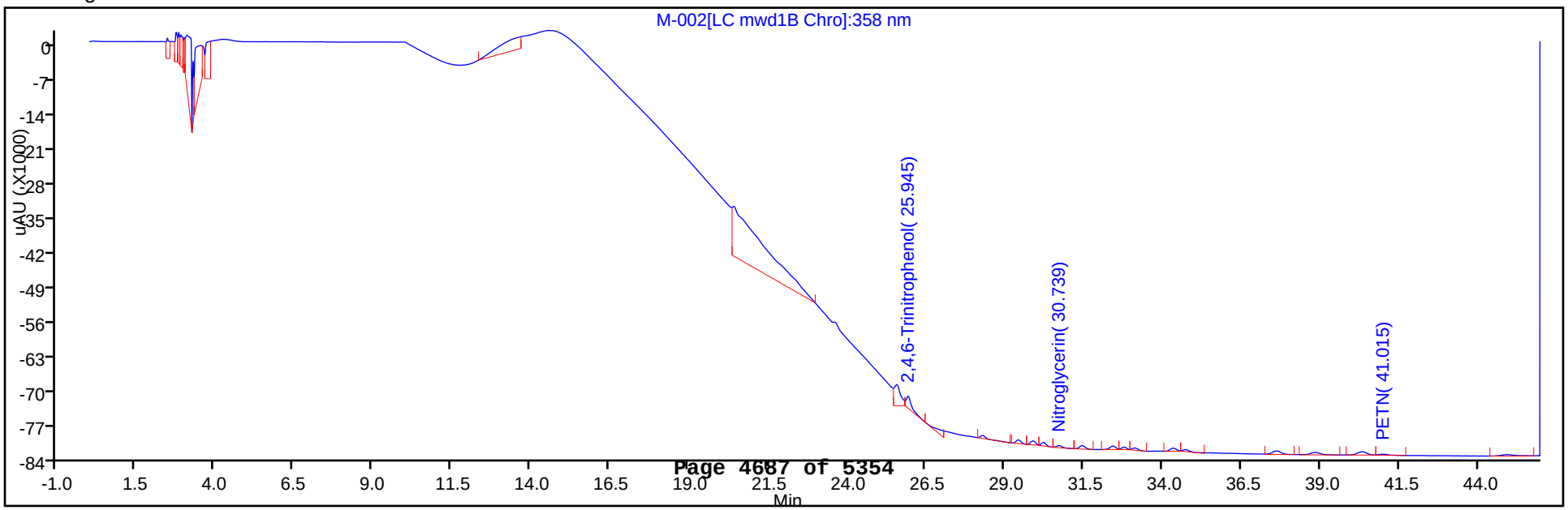
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC11\20120531-303.b\M-002.D		
Injection Date:	30-Apr-2012 14:52:49	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC11
Lims Batch ID:	1385	Lims Sample ID:	2
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Y Scaling:



Manual Integration/User Assign Peak Report

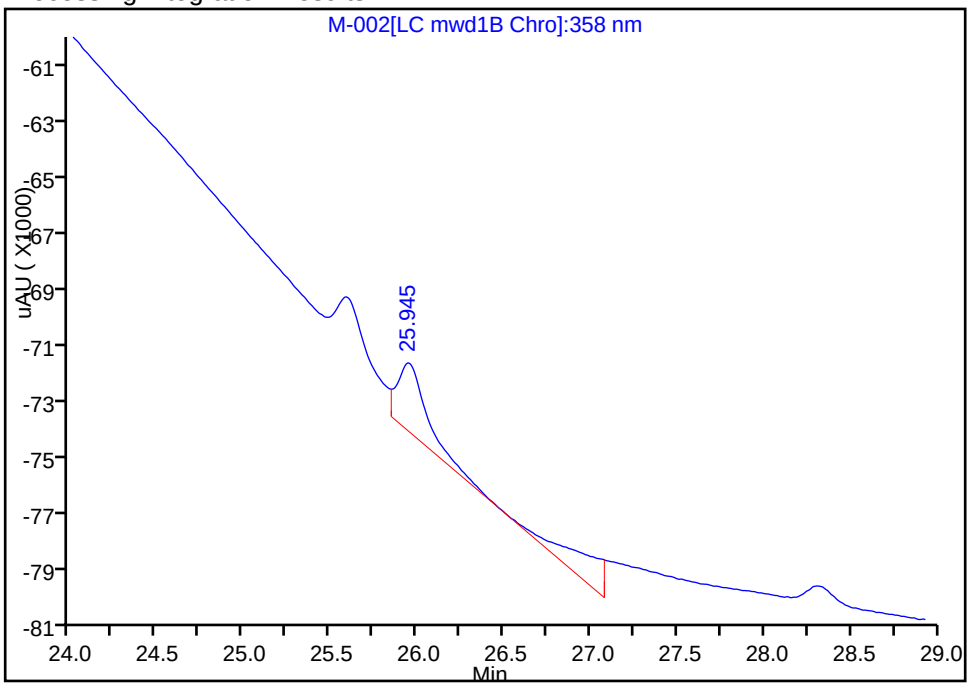
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC11\20120531-303.b\M-002.D		
Injection Date:	30-Apr-2012 14:52:49	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC11
Lims Batch ID:	1385	Lims Sample ID:	2
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:		Column Dia:	

10 2,4,6-Trinitrophenol, Signal: 1, Type: quant, RT: 25.92, Det: LC mwd1B

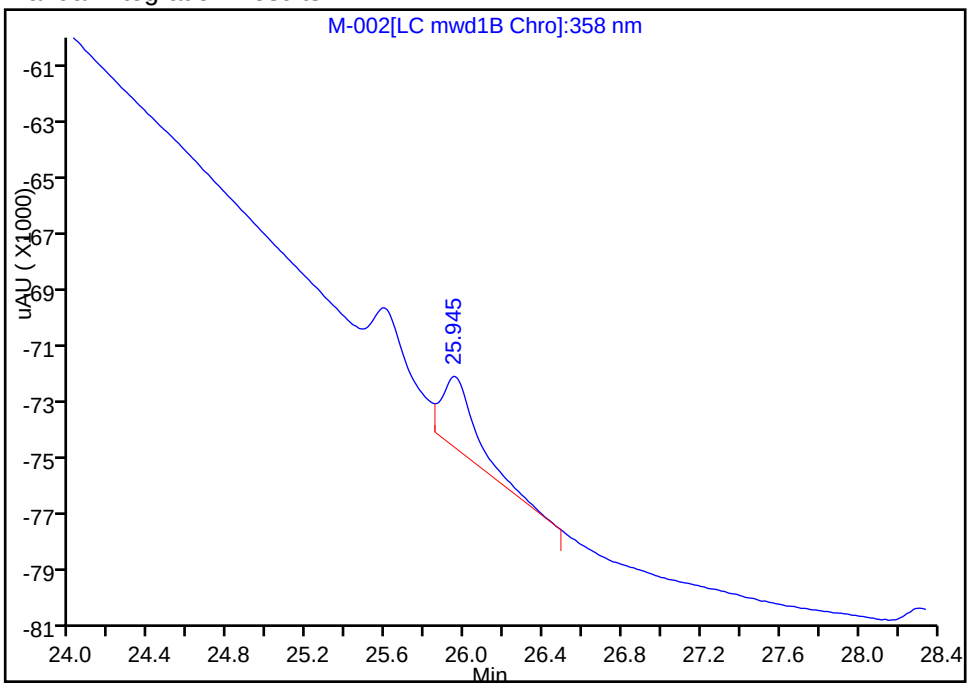
Processing Integration Results

RT: 25.95
Response: 2419
Amount: 13.175951



Manual Integration Results

RT: 25.95
Response: 2418
Amount: 12.758939



Reviewer: noonanr, 27-Aug-2012 15:40:19
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC11\20120531-303.b\M-003.D
Lims ID: STD02 Client ID:
Inject. Date: 30-Apr-2012 15:49:47 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: STD_02 HP8330L2_00001 10 ng/mL;1;
Misc. Info.:
Operator: RN Instrument ID: LC11
Injection Vol: 500.0 ul ALS Bottle#: 12
Lims Batch ID: 1385 Lims Sample ID: 3
Sublist: chrom-8330 Metab LC11*sub1

Method: \\SACChrom\ChromData\LC11\20120531-303.b\8330 Metab LC11.m
Last Update: 18-Sep-2012 15:07:50 Calib Date: 30-Apr-2012 21:31:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC11\20120531-303.b\M-009.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK014

First Level Reviewer: noonanr Date: 27-Aug-2012 15:42:45

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	20.414	20.410	0.004	995	10.6	
19 RDX						
1	23.638	23.647	-0.009	991	10.5	
27 1,3,5-Trinitrobenzene						
1	25.584	25.600	-0.016	2231	10.4	
10 2,4,6-Trinitrophenol						M
2	25.938	25.923	0.015	3941	20.8	M
1	25.944	25.923	0.021	2433	19.7	
24 1,3-Dinitrobenzene						
1	28.301	28.323	-0.022	2332	10.2	
9 3,5-Dinitroaniline						
1	29.424	29.453	-0.029	1545	10.3	
5 Nitrobenzene						
1	29.898	29.920	-0.022	1012	10.3	
20 Tetryl						
1	30.218	30.250	-0.032	1230	10.0	
7 Nitroglycerin						
2	30.714	30.743	-0.029	519	5.76	
25 2,4,6-Trinitrotoluene						
1	31.448	31.477	-0.029	1316	10.1	
26 4-Amino-2,6-dinitrotoluene						
1	32.428	32.457	-0.029	1058	10.1	
$ 30 3,4-Dinitrotoluene						
1	32.778	32.810	-0.032	692	9.91	
2	32.788	32.807	-0.019	1299	10.1	
6 2-Amino-4,6-dinitrotoluene						
1	33.111	33.147	-0.036	1168	10.1	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
12 2,6-Dinitrotoluene						
1	34.344	34.373	-0.029	805	10.1	
23 2,4-Dinitrotoluene						
1	34.724	34.760	-0.036	1312	10.1	
16 o-Nitrotoluene						
1	37.601	37.646	-0.045	513	9.90	
15 p-Nitrotoluene						
1	38.827	38.866	-0.039	683	10.3	
8 m-Nitrotoluene						
1	40.304	40.356	-0.052	661	10.1	
21 PETN						
2	40.961	41.016	-0.055	517	10.1	

QC Flag Legend

Review Flags
M - Manually Integrated

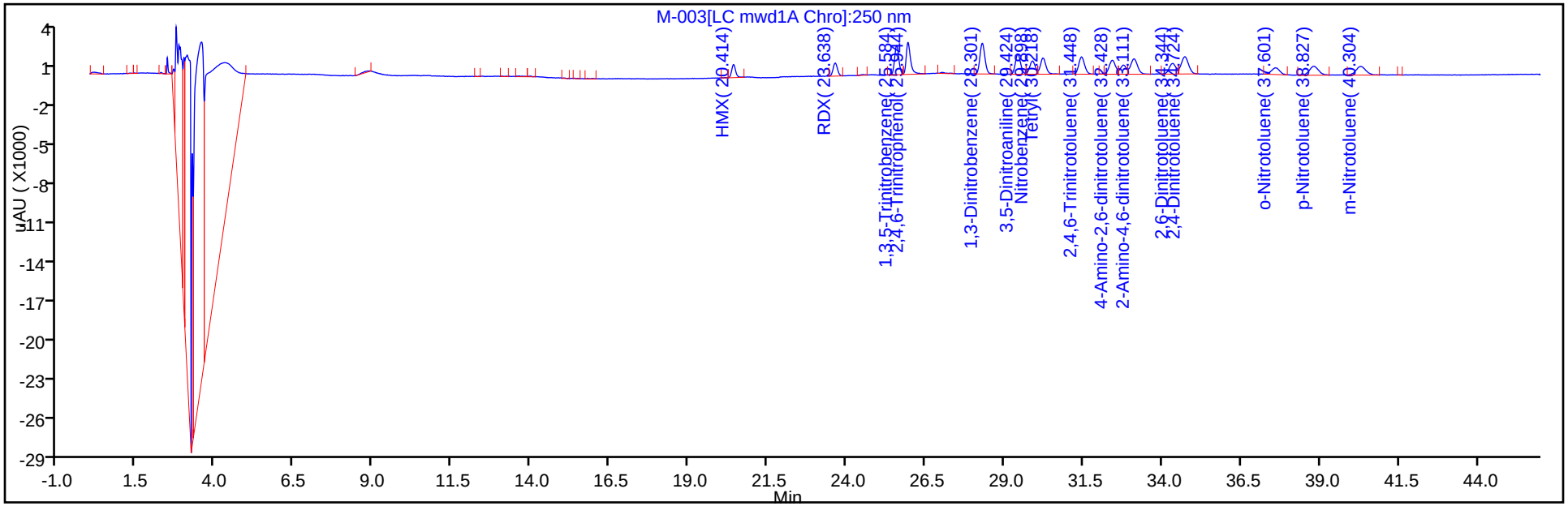
Report Date: 18-Sep-2012 15:07:51 Chrom Revision: 2.1 16-Sep-2012 09:37:06

TestAmerica West Sacramento

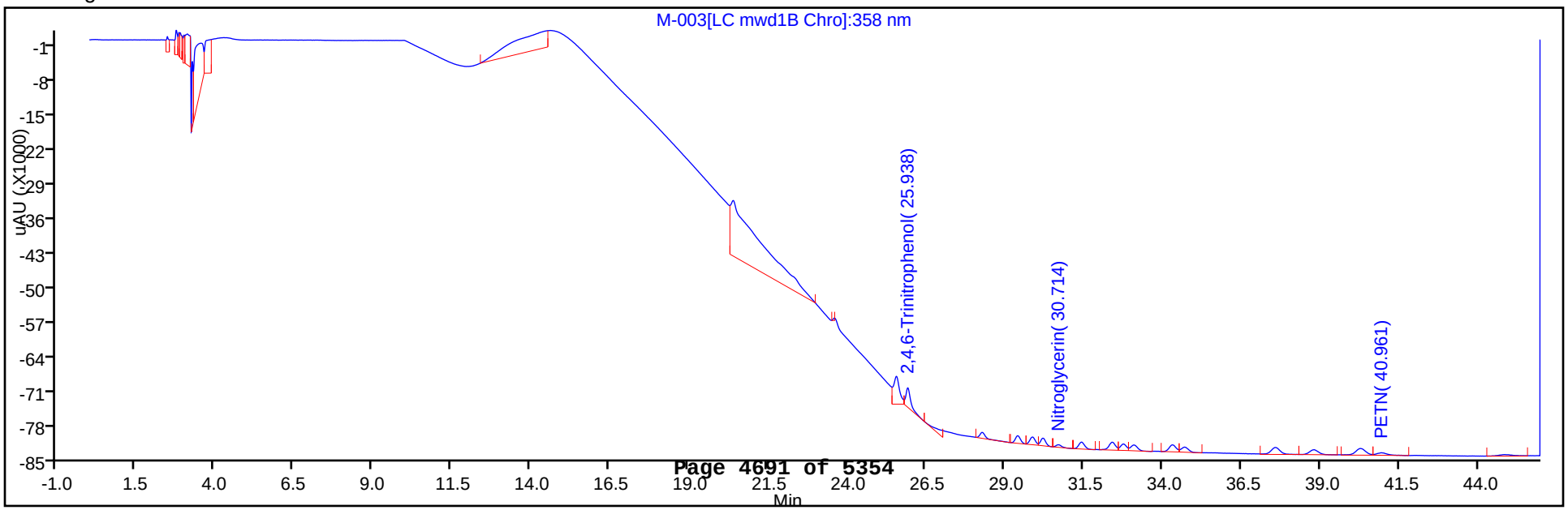
Data File: \\SACChrom\ChromData\LC11\20120531-303.b\M-003.D

Injection Date:	30-Apr-2012 15:49:47	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC11
Lims Batch ID:	1385	Lims Sample ID:	3
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Y Scaling:



Manual Integration/User Assign Peak Report

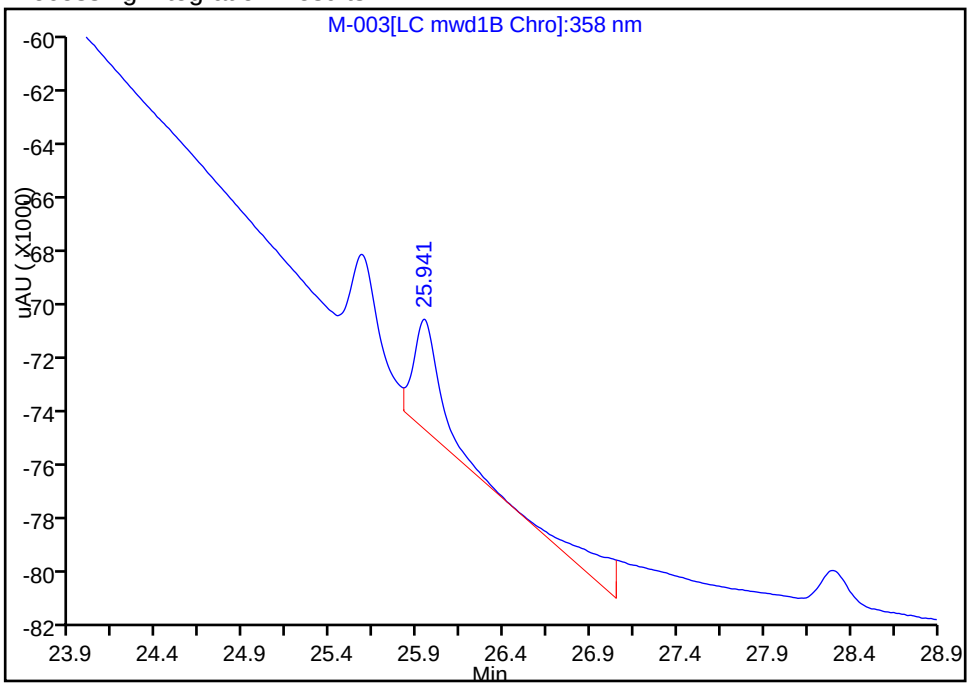
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC11\20120531-303.b\M-003.D		
Injection Date:	30-Apr-2012 15:49:47	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC11
Lims Batch ID:	1385	Lims Sample ID:	3
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:		Column Dia:	

10 2,4,6-Trinitrophenol, Signal: 1, Type: quant, RT: 25.92, Det: LC mwd1B

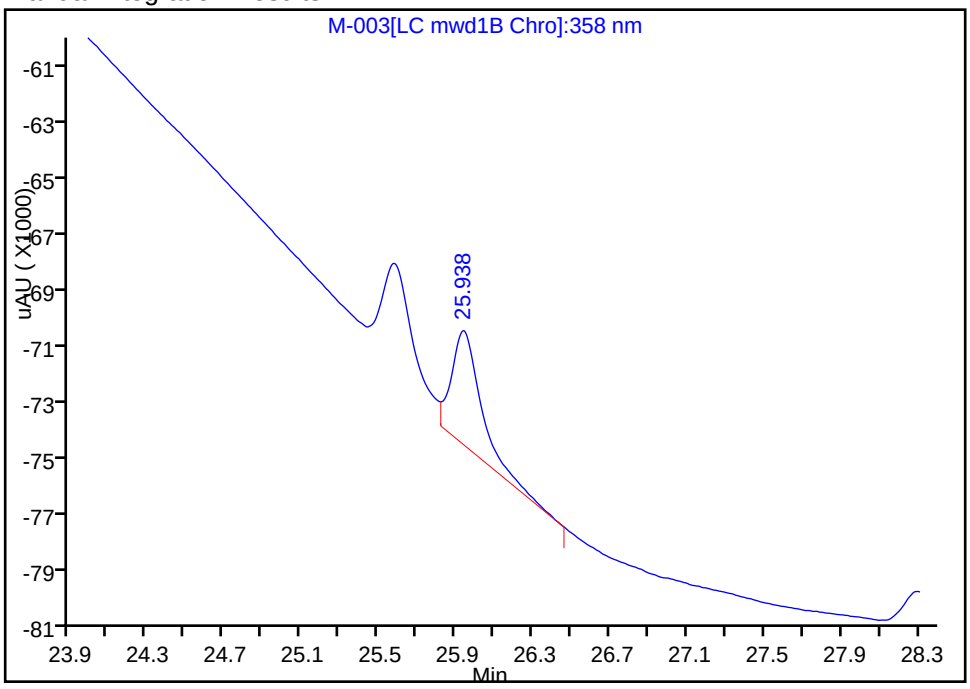
Processing Integration Results

RT: 25.94
Response: 3960
Amount: 21.104010



Manual Integration Results

RT: 25.94
Response: 3941
Amount: 20.795277



Reviewer: noonanr, 27-Aug-2012 15:42:45
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC11\20120531-303.b\M-004.D		
Lims ID:	STD03	Client ID:	
Inject. Date:	30-Apr-2012 16:46:47	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	STD_03 HP8330L3_00001 20 ng/mL;1;		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC11
Injection Vol:	500.0 ul	ALS Bottle#:	13
Lims Batch ID:	1385	Lims Sample ID:	4
Sublist:	chrom-8330 Metab LC11*sub1		
Method:	\\SACChrom\ChromData\LC11\20120531-303.b\8330 Metab LC11.m		
Last Update:	18-Sep-2012 15:08:38	Calib Date:	30-Apr-2012 21:31:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC11\20120531-303.b\M-009.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK014		

First Level Reviewer: noonanr Date: 27-Aug-2012 15:44:08

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	20.432	20.410	0.022	1966	20.9	
19 RDX						
1	23.639	23.647	-0.008	1983	21.1	
27 1,3,5-Trinitrobenzene						
1	25.586	25.600	-0.014	4354	20.2	
10 2,4,6-Trinitrophenol						M
2	25.929	25.923	0.006	9369	49.4	M
1	25.932	25.923	0.009	6172	49.9	
24 1,3-Dinitrobenzene						
1	28.296	28.323	-0.027	4594	20.1	
9 3,5-Dinitroaniline						
1	29.422	29.453	-0.031	3048	20.3	
5 Nitrobenzene						
1	29.882	29.920	-0.038	1853	18.8	
20 Tetryl						
1	30.219	30.250	-0.031	2415	19.7	
7 Nitroglycerin						
2	30.712	30.743	-0.031	1552	17.2	
25 2,4,6-Trinitrotoluene						
1	31.442	31.477	-0.035	2558	19.7	
26 4-Amino-2,6-dinitrotoluene						
1	32.416	32.457	-0.041	2090	20.0	
$ 30 3,4-Dinitrotoluene						
1	32.769	32.810	-0.041	1353	19.4	
2	32.762	32.807	-0.045	2600	20.1	
6 2-Amino-4,6-dinitrotoluene						
1	33.102	33.147	-0.045	2303	19.9	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
12 2,6-Dinitrotoluene						
1	34.312	34.373	-0.061	1571	19.7	
23 2,4-Dinitrotoluene						
1	34.706	34.760	-0.054	2570	19.7	
16 o-Nitrotoluene						
1	37.565	37.646	-0.081	945	18.2	
15 p-Nitrotoluene						
1	38.785	38.866	-0.081	1238	18.6	
8 m-Nitrotoluene						
1	40.282	40.356	-0.074	1214	18.6	
21 PETN						
2	40.932	41.016	-0.084	906	17.7	

QC Flag Legend

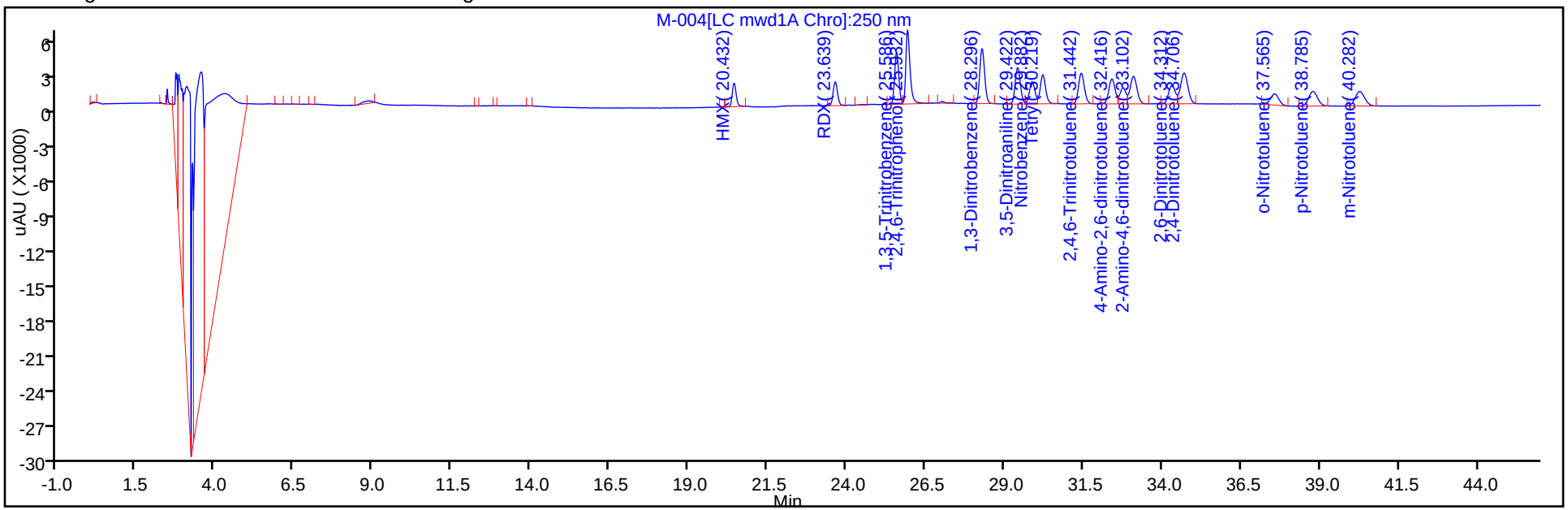
Review Flags
M - Manually Integrated

Report Date: 18-Sep-2012 15:08:39 Chrom Revision: 2.1 16-Sep-2012 09:37:06

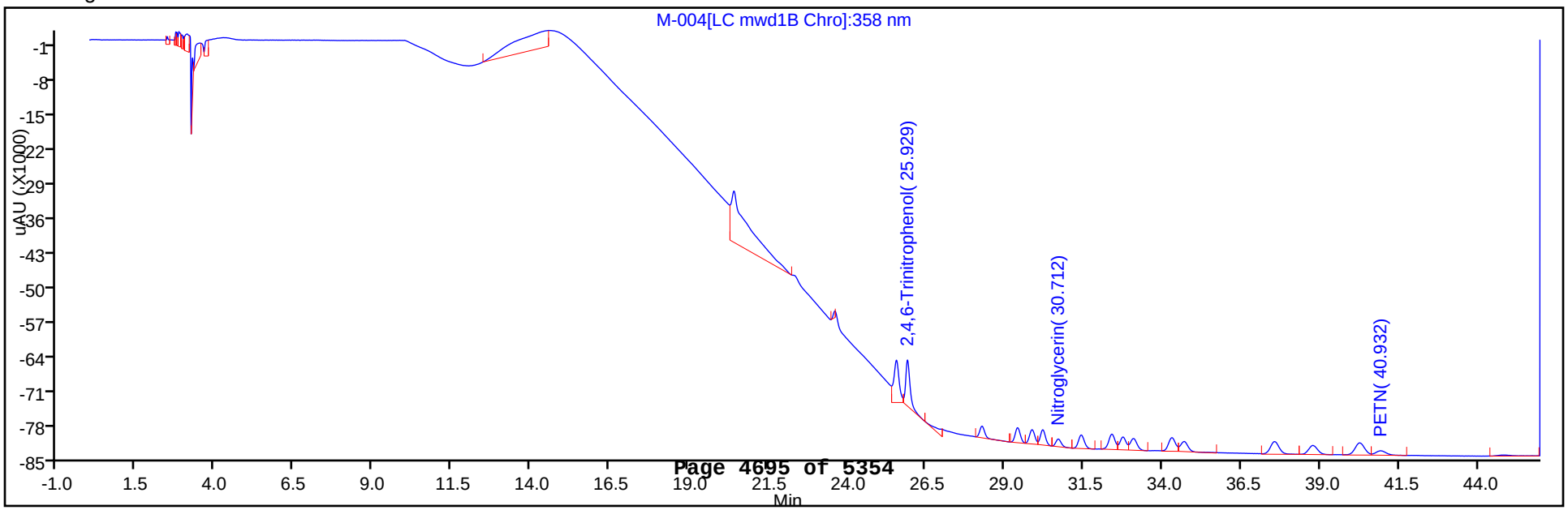
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC11\20120531-303.b\M-004.D		
Injection Date:	30-Apr-2012 16:46:47	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC11
Lims Batch ID:	1385	Lims Sample ID:	4
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Y Scaling:



Manual Integration/User Assign Peak Report

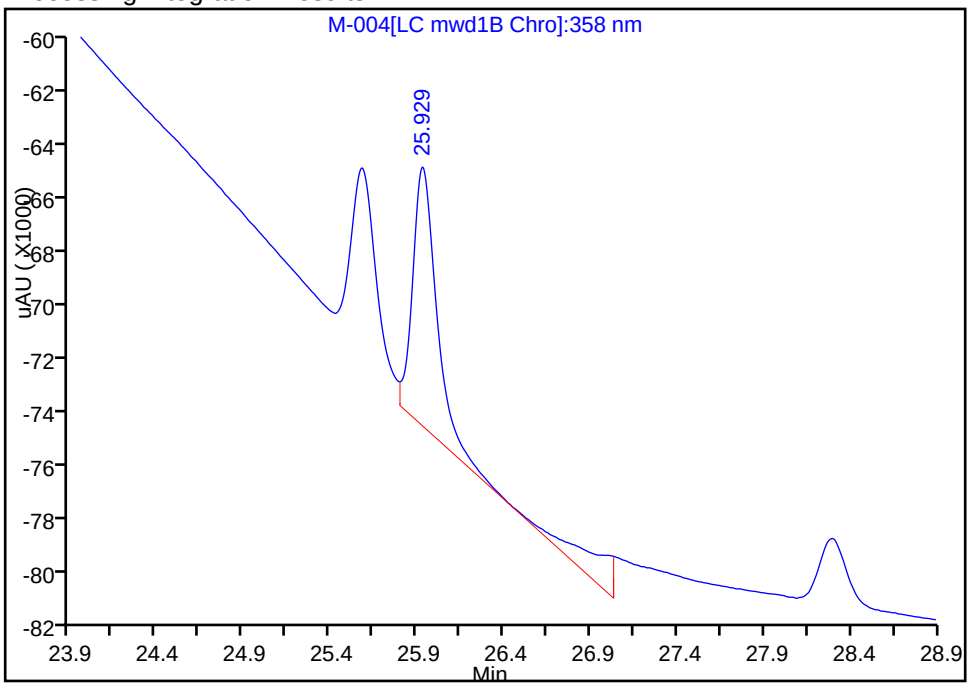
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC11\20120531-303.b\M-004.D		
Injection Date:	30-Apr-2012 16:46:47	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC11
Lims Batch ID:	1385	Lims Sample ID:	4
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:		Column Dia:	

10 2,4,6-Trinitrophenol, Signal: 1, Type: quant, RT: 25.92, Det: LC mwd1B

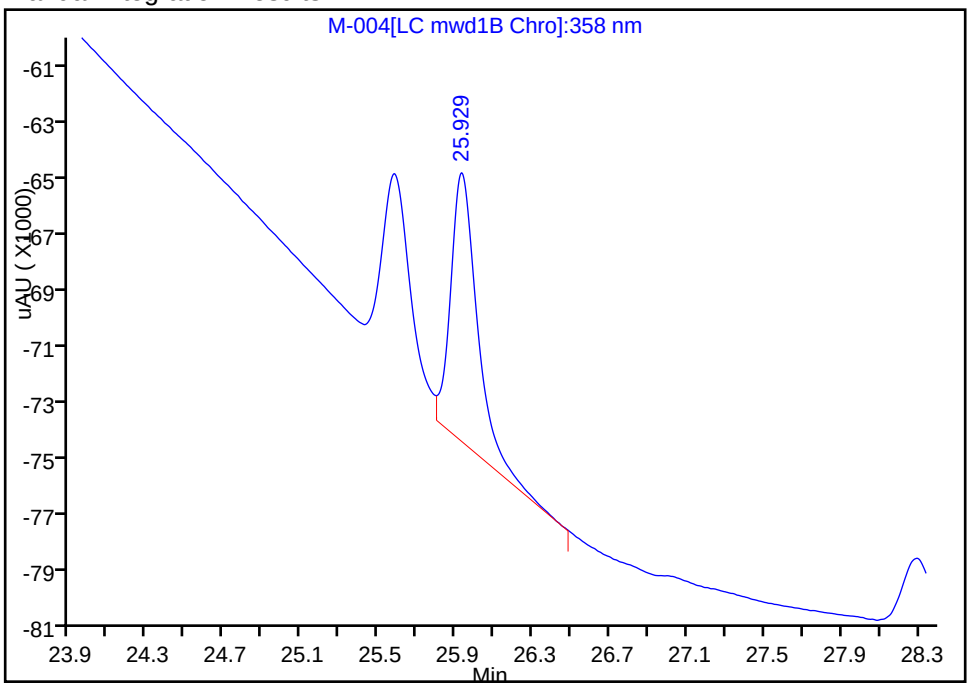
Processing Integration Results

RT: 25.93
Response: 9369
Amount: 49.523395



Manual Integration Results

RT: 25.93
Response: 9369
Amount: 49.436932



Reviewer: noonanr, 27-Aug-2012 15:44:08
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC11\20120531-303.b\M-005.D		
Lims ID:	STD04	Client ID:	
Inject. Date:	30-Apr-2012 17:43:41	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	STD_04 HP8330L4_00001 50 ng/mL;1;		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC11
Injection Vol:	500.0 ul	ALS Bottle#:	14
Lims Batch ID:	1385	Lims Sample ID:	5
Sublist:	chrom-8330 Metab LC11*sub1		
Method:	\\SACChrom\ChromData\LC11\20120531-303.b\8330 Metab LC11.m		
Last Update:	18-Sep-2012 15:07:51	Calib Date:	30-Apr-2012 21:31:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC11\20120531-303.b\M-009.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK014		

First Level Reviewer: noonanr Date: 27-Aug-2012 15:48:38

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	20.412	20.410	0.002	4856	51.5	
19 RDX						
1	23.639	23.647	-0.008	4864	51.7	
27 1,3,5-Trinitrobenzene						
1	25.589	25.600	-0.011	10822	50.2	
10 2,4,6-Trinitrophenol						M
2	25.926	25.923	0.003	19681	103.8	M
1	25.926	25.923	0.003	13435	108.7	
24 1,3-Dinitrobenzene						
1	28.302	28.323	-0.021	11534	50.4	
9 3,5-Dinitroaniline						
1	29.429	29.453	-0.024	7544	50.1	
5 Nitrobenzene						
1	29.896	29.920	-0.024	4968	50.5	
20 Tetryl						
1	30.226	30.250	-0.024	6028	49.1	
7 Nitroglycerin						
2	30.716	30.743	-0.027	4254	47.2	
25 2,4,6-Trinitrotoluene						
1	31.449	31.477	-0.028	6413	49.4	
26 4-Amino-2,6-dinitrotoluene						
1	32.426	32.457	-0.031	5157	49.4	
$ 30 3,4-Dinitrotoluene						
1	32.772	32.810	-0.038	3466	49.7	
2	32.776	32.807	-0.031	6671	51.7	
6 2-Amino-4,6-dinitrotoluene						
1	33.112	33.147	-0.035	5740	49.6	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
12 2,6-Dinitrotoluene						
1	34.332	34.373	-0.041	3937	49.4	
23 2,4-Dinitrotoluene						
1	34.722	34.760	-0.038	6438	49.3	
16 o-Nitrotoluene						
1	37.599	37.646	-0.047	2536	48.9	
15 p-Nitrotoluene						
1	38.812	38.866	-0.054	3331	50.2	
8 m-Nitrotoluene						
1	40.299	40.356	-0.057	3279	50.1	
21 PETN						
2	40.962	41.016	-0.054	2481	48.3	

QC Flag Legend

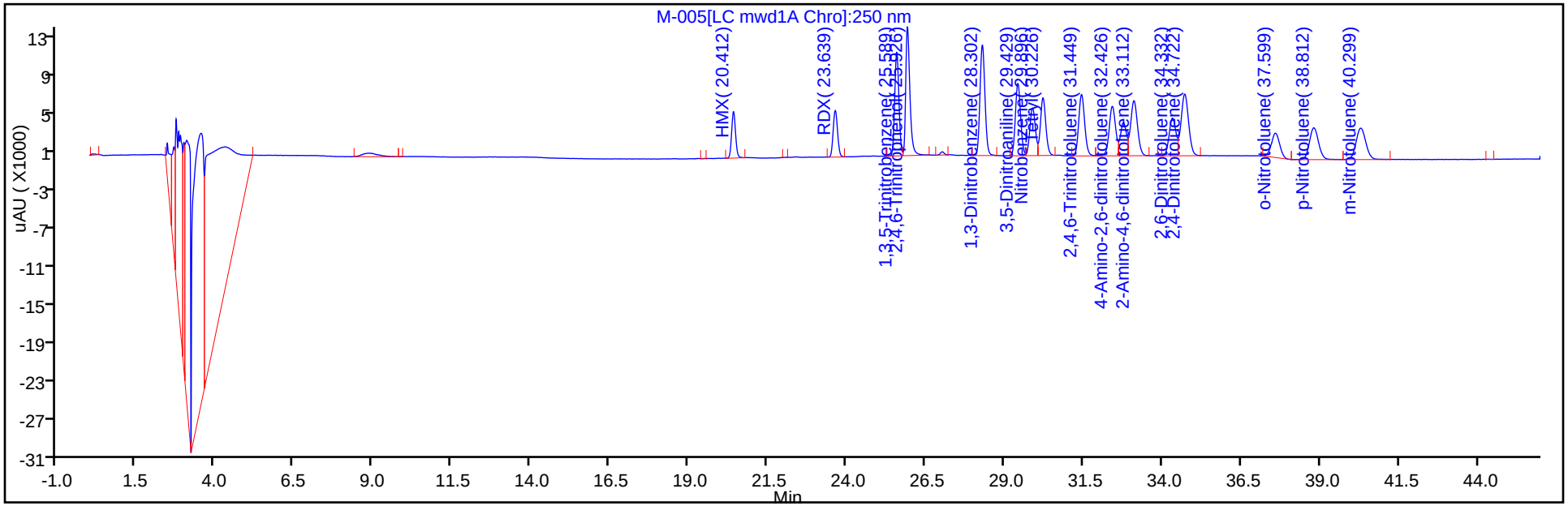
Review Flags
M - Manually Integrated

Report Date: 18-Sep-2012 15:07:52 Chrom Revision: 2.1 16-Sep-2012 09:37:06

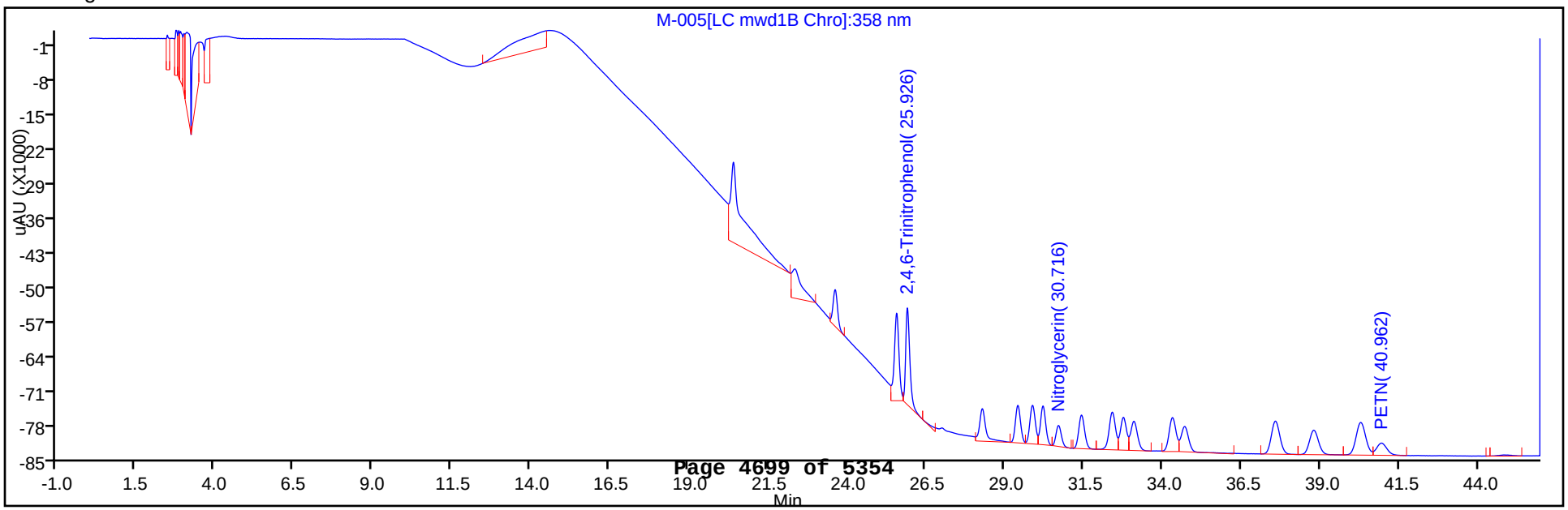
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC11\20120531-303.b\M-005.D		
Injection Date:	30-Apr-2012 17:43:41	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC11
Lims Batch ID:	1385	Lims Sample ID:	5
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Y Scaling:



Manual Integration/User Assign Peak Report

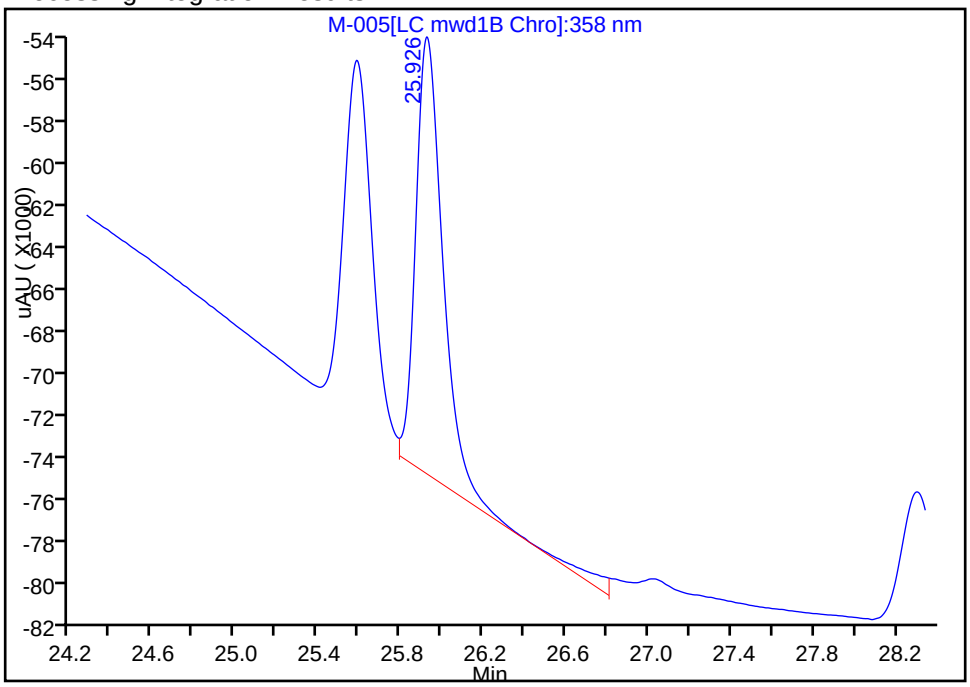
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC11\20120531-303.b\M-005.D		
Injection Date:	30-Apr-2012 17:43:41	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC11
Lims Batch ID:	1385	Lims Sample ID:	5
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:		Column Dia:	

10 2,4,6-Trinitrophenol, Signal: 1, Type: quant, RT: 25.92, Det: LC mwd1B

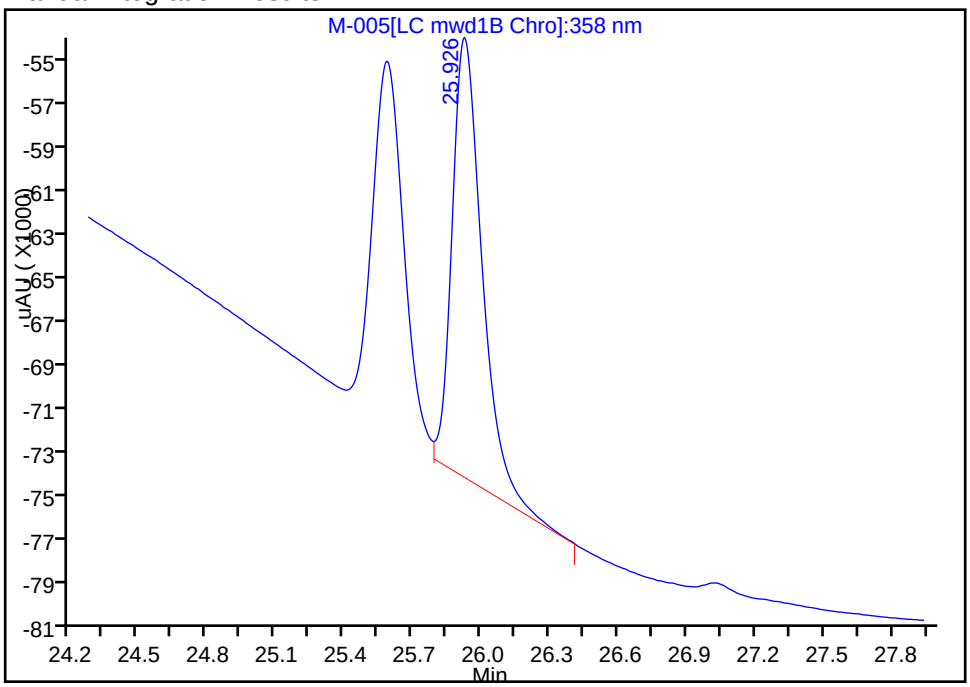
Processing Integration Results

RT: 25.93
Response: 19682
Amount: 103.6279



Manual Integration Results

RT: 25.93
Response: 19681
Amount: 103.8497



Reviewer: noonanr, 27-Aug-2012 15:48:38
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC11\20120531-303.b\M-006.D		
Lims ID:	STD05	Client ID:	
Inject. Date:	30-Apr-2012 18:40:40	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	STD_05 HP8330L5_00001 100 ng/mL;1;		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC11
Injection Vol:	500.0 ul	ALS Bottle#:	15
Lims Batch ID:	1385	Lims Sample ID:	6
Sublist:	chrom-8330 Metab LC11*sub1		
Method:	\\SACChrom\ChromData\LC11\20120531-303.b\8330 Metab LC11.m		
Last Update:	18-Sep-2012 15:07:52	Calib Date:	30-Apr-2012 21:31:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC11\20120531-303.b\M-009.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK014		

First Level Reviewer: noonanr Date: 27-Aug-2012 15:49:15

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	20.410	20.410	0.0	10069	106.9	
19 RDX						
1	23.647	23.647	0.0	10088	107.3	
27 1,3,5-Trinitrobenzene						
1	25.600	25.600	0.0	22384	103.9	
10 2,4,6-Trinitrophenol						
2	25.923	25.923	0.0	39801	210.0	
1	25.923	25.923	0.0	26964	218.1	
24 1,3-Dinitrobenzene						
1	28.323	28.323	0.0	23930	104.7	
9 3,5-Dinitroaniline						
1	29.453	29.453	0.0	15470	102.8	
5 Nitrobenzene						
1	29.920	29.920	0.0	10299	104.6	
20 Tetryl						
1	30.250	30.250	0.0	12504	101.8	
7 Nitroglycerin						
2	30.743	30.743	0.0	9410	104.5	
25 2,4,6-Trinitrotoluene						
1	31.477	31.477	0.0	13278	102.2	
26 4-Amino-2,6-dinitrotoluene						
1	32.457	32.457	0.0	10584	101.4	
$ 30 3,4-Dinitrotoluene						
1	32.810	32.810	0.0	7342	105.2	
2	32.807	32.807	0.0	14177	109.8	
6 2-Amino-4,6-dinitrotoluene						
1	33.147	33.147	0.0	11777	101.8	

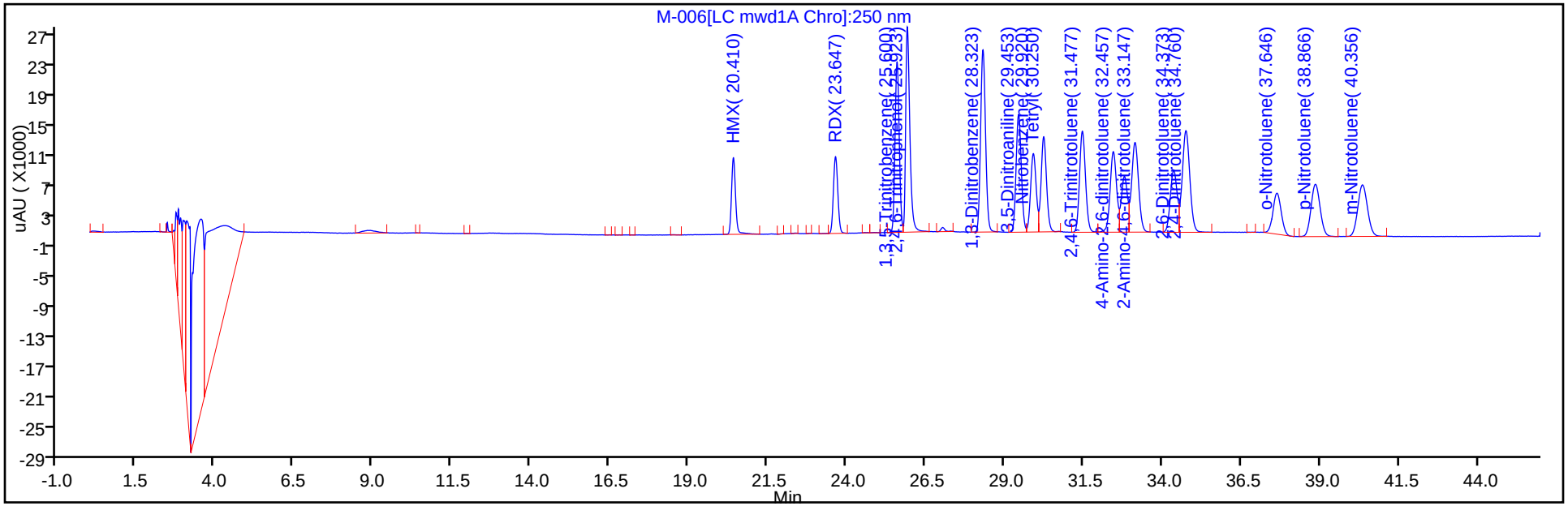
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
12 2,6-Dinitrotoluene						
1	34.373	34.373	0.0	8144	102.2	
23 2,4-Dinitrotoluene						
1	34.760	34.760	0.0	13349	102.3	
16 o-Nitrotoluene						
1	37.646	37.646	0.0	5385	103.9	
15 p-Nitrotoluene						
1	38.866	38.866	0.0	6869	103.4	
8 m-Nitrotoluene						
1	40.356	40.356	0.0	6772	103.5	
21 PETN						
2	41.016	41.016	0.0	5318	103.6	

Report Date: 18-Sep-2012 15:07:53 Chrom Revision: 2.1 16-Sep-2012 09:37:06

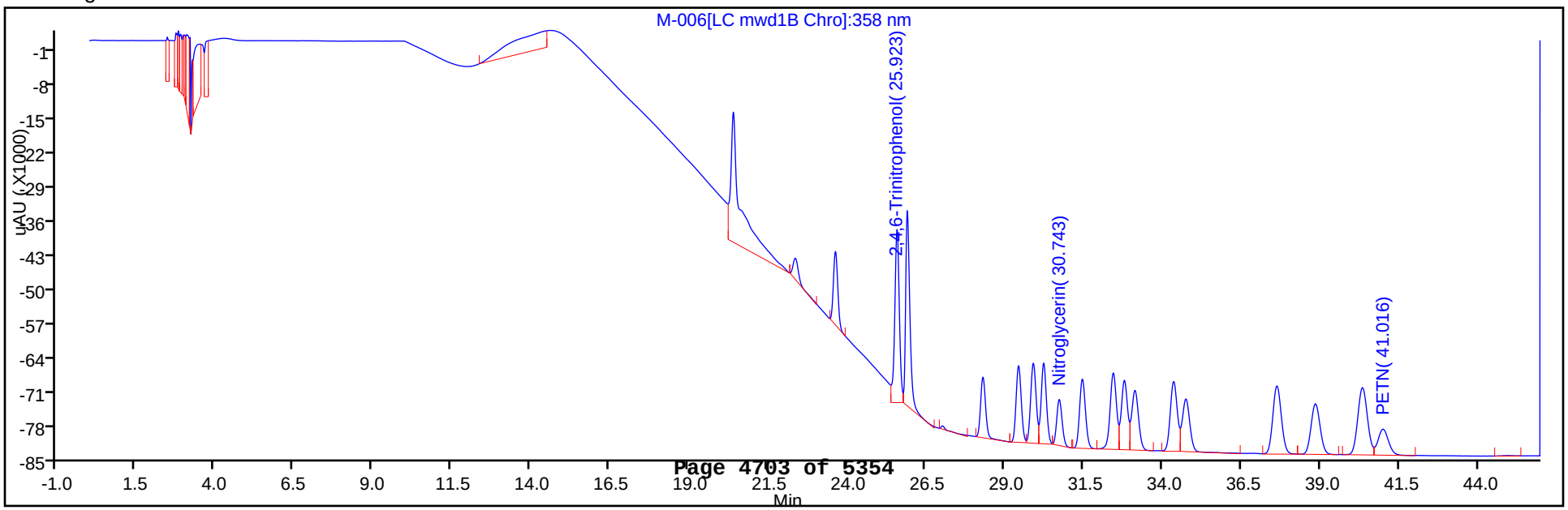
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC11\20120531-303.b\M-006.D		
Injection Date:	30-Apr-2012 18:40:40	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC11
Lims Batch ID:	1385	Lims Sample ID:	6
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Y Scaling:



TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC11\20120531-303.b\M-007.D
Lims ID: STD06 Client ID:
Inject. Date: 30-Apr-2012 19:37:39 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: STD_06 HP8330L6_00001 200 ng/mL;1;
Misc. Info.:
Operator: RN Instrument ID: LC11
Injection Vol: 500.0 ul ALS Bottle#: 16
Lims Batch ID: 1385 Lims Sample ID: 7
Sublist: chrom-8330 Metab LC11*sub1

Method: \\SACChrom\ChromData\LC11\20120531-303.b\8330 Metab LC11.m
Last Update: 18-Sep-2012 15:07:53 Calib Date: 30-Apr-2012 21:31:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC11\20120531-303.b\M-009.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK014

First Level Reviewer: noonanr Date: 27-Aug-2012 15:49:53

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	20.405	20.410	-0.005	19384	205.7	
19 RDX						
1	23.638	23.647	-0.009	19228	204.6	
27 1,3,5-Trinitrobenzene						
1	25.588	25.600	-0.012	44026	204.4	
10 2,4,6-Trinitrophenol						
2	25.878	25.923	-0.045	92902	490.2	
1	25.878	25.923	-0.045	64148	518.8	
24 1,3-Dinitrobenzene						
1	28.308	28.323	-0.015	46932	205.2	
9 3,5-Dinitroaniline						
1	29.435	29.453	-0.018	30834	205.0	
5 Nitrobenzene						
1	29.901	29.920	-0.019	20168	204.9	
20 Tetryl						
1	30.231	30.250	-0.019	24878	202.6	
7 Nitroglycerin						
2	30.725	30.743	-0.018	18919	210.1	
25 2,4,6-Trinitrotoluene						
1	31.455	31.477	-0.022	26424	203.4	
26 4-Amino-2,6-dinitrotoluene						
1	32.435	32.457	-0.022	21329	204.4	
$ 30 3,4-Dinitrotoluene						
1	32.785	32.810	-0.025	14604	209.2	
2	32.785	32.807	-0.022	28143	218.0	
6 2-Amino-4,6-dinitrotoluene						
1	33.118	33.147	-0.029	23637	204.3	

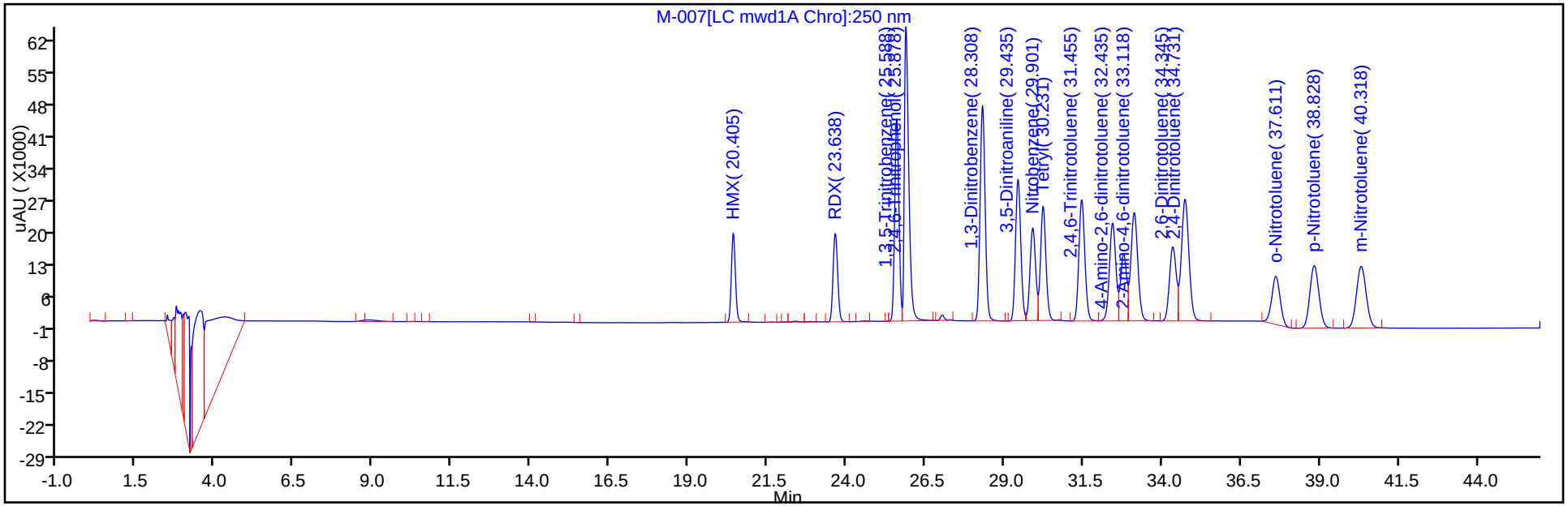
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
12 2,6-Dinitrotoluene						
1	34.345	34.373	-0.028	16155	202.7	
23 2,4-Dinitrotoluene						
1	34.731	34.760	-0.029	26536	203.3	
16 o-Nitrotoluene						
1	37.611	37.646	-0.035	10507	202.8	
15 p-Nitrotoluene						
1	38.828	38.866	-0.038	13630	205.2	
8 m-Nitrotoluene						
1	40.318	40.356	-0.038	13457	205.7	
21 PETN						
2	40.965	41.016	-0.051	10689	208.3	

Report Date: 18-Sep-2012 15:07:53 Chrom Revision: 2.1 16-Sep-2012 09:37:06

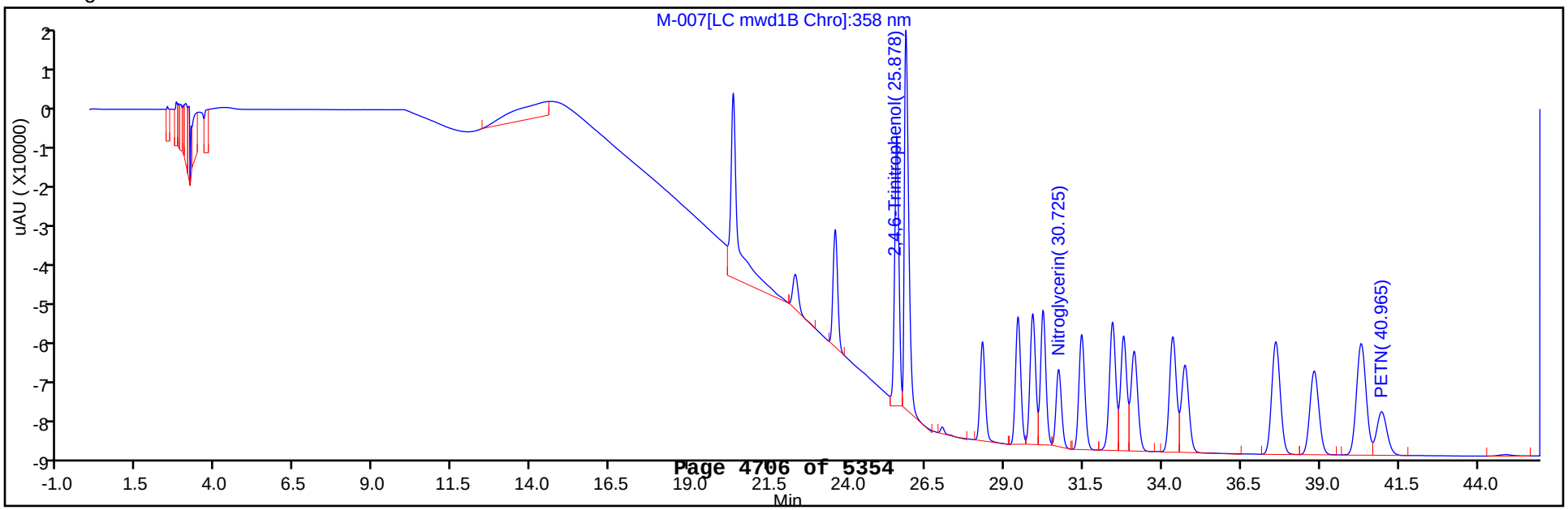
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC11\20120531-303.b\M-007.D		
Injection Date:	30-Apr-2012 19:37:39	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC11
Lims Batch ID:	1385	Lims Sample ID:	7
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Y Scaling:



TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC11\20120531-303.b\M-008.D		
Lims ID:	STD07	Client ID:	
Inject. Date:	30-Apr-2012 20:34:38	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	7
Sample ID:	STD_07 HP8330L7_00001 500 ng/mL;1;		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC11
Injection Vol:	500.0 ul	ALS Bottle#:	17
Lims Batch ID:	1385	Lims Sample ID:	8
Sublist:	chrom-8330 Metab LC11*sub1		
Method:	\\SACChrom\ChromData\LC11\20120531-303.b\8330 Metab LC11.m		
Last Update:	18-Sep-2012 15:07:54	Calib Date:	30-Apr-2012 21:31:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC11\20120531-303.b\M-009.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK014		

First Level Reviewer: noonanr Date: 27-Aug-2012 15:50:34

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	20.371	20.410	-0.039	44272	469.9	
19 RDX						
1	23.614	23.647	-0.033	43431	462.0	
27 1,3,5-Trinitrobenzene						
1	25.574	25.600	-0.026	105011	487.5	
10 2,4,6-Trinitrophenol						
2	25.828	25.923	-0.095	164503	868.0	
1	25.828	25.923	-0.095	116896	945.4	
24 1,3-Dinitrobenzene						
1	28.294	28.323	-0.029	112318	491.2	
9 3,5-Dinitroaniline						
1	29.418	29.453	-0.035	74363	494.3	
5 Nitrobenzene						
1	29.888	29.920	-0.032	48708	494.9	
20 Tetryl						
1	30.218	30.250	-0.032	61501	500.9	
7 Nitroglycerin						
2	30.711	30.743	-0.032	47786	530.7	
25 2,4,6-Trinitrotoluene						
1	31.441	31.477	-0.036	65191	501.9	
26 4-Amino-2,6-dinitrotoluene						
1	32.418	32.457	-0.039	52367	501.9	
$ 30 3,4-Dinitrotoluene						
1	32.771	32.810	-0.039	21929	314.1	
2	32.771	32.807	-0.036	42103	326.1	
6 2-Amino-4,6-dinitrotoluene						
1	33.104	33.147	-0.043	57857	500.0	

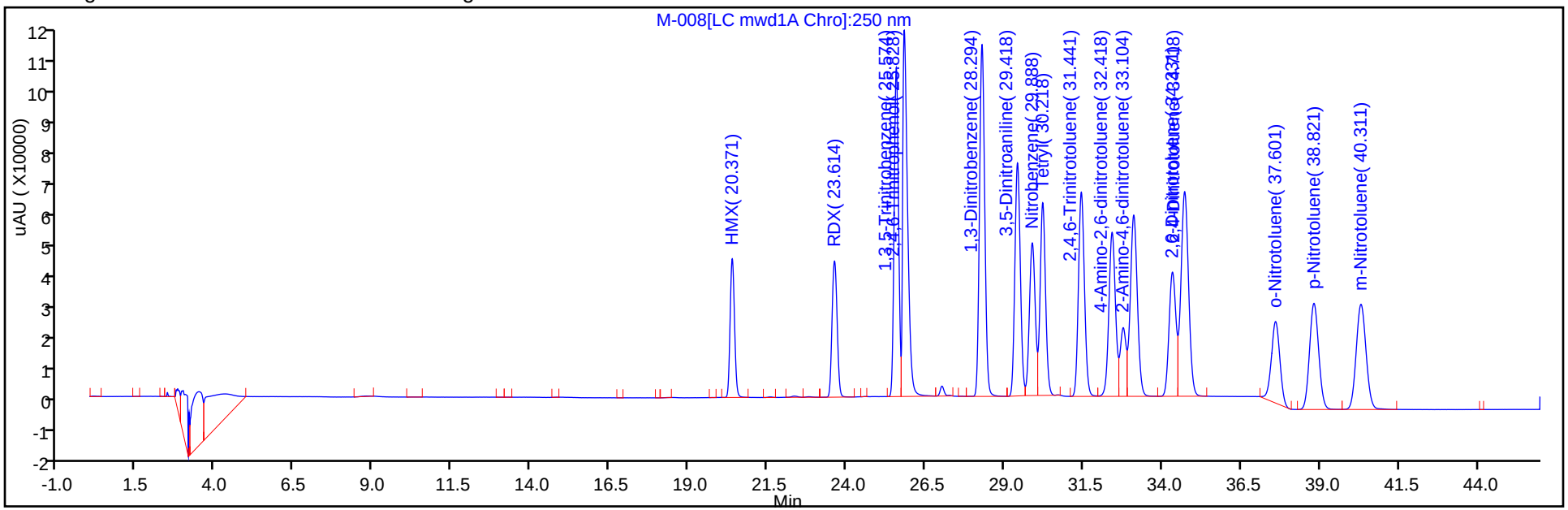
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
12 2,6-Dinitrotoluene						
1	34.331	34.373	-0.042	39632	497.3	
23 2,4-Dinitrotoluene						
1	34.718	34.760	-0.042	65308	500.3	
16 o-Nitrotoluene						
1	37.601	37.646	-0.045	26010	502.0	
15 p-Nitrotoluene						
1	38.821	38.866	-0.045	33897	510.4	
8 m-Nitrotoluene						
1	40.311	40.356	-0.045	33577	513.2	
21 PETN						
2	40.961	41.016	-0.055	26575	517.8	

Report Date: 18-Sep-2012 15:07:54 Chrom Revision: 2.1 16-Sep-2012 09:37:06

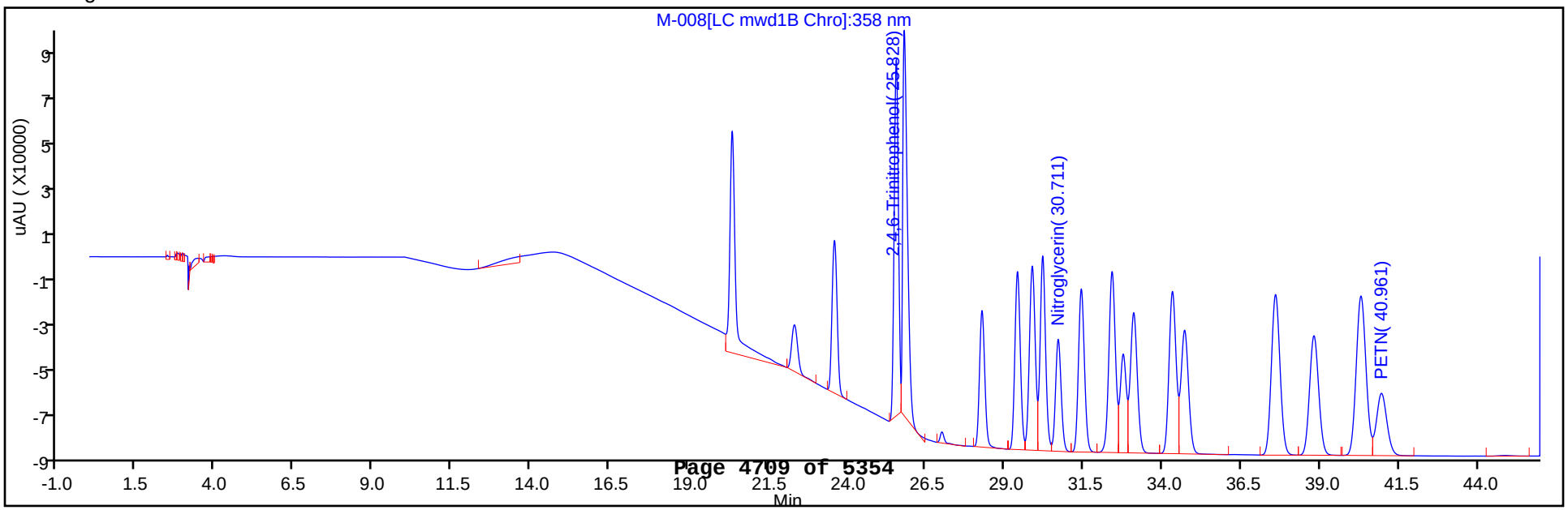
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC11\20120531-303.b\M-008.D		
Injection Date:	30-Apr-2012 20:34:38	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC11
Lims Batch ID:	1385	Lims Sample ID:	8
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Y Scaling:



TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC11\20120531-303.b\M-009.D		
Lims ID:	STD08	Client ID:	
Inject. Date:	30-Apr-2012 21:31:38	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	8
Sample ID:	STD_08 HP8330L8_00001 1000 ng/mL;1;		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC11
Injection Vol:	500.0 ul	ALS Bottle#:	18
Lims Batch ID:	1385	Lims Sample ID:	9
Sublist:	chrom-8330 Metab LC11*sub1		
Method:	\\SACChrom\ChromData\LC11\20120531-303.b\8330 Metab LC11.m		
Last Update:	18-Sep-2012 15:07:55	Calib Date:	30-Apr-2012 21:31:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC11\20120531-303.b\M-009.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK014		

First Level Reviewer: noonanr Date: 27-Aug-2012 16:03:46

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	20.360	20.410	-0.050	70622	749.6	
19 RDX						
1	23.600	23.647	-0.047	68761	731.5	
27 1,3,5-Trinitrobenzene						
1	25.560	25.600	-0.040	188229	873.8	
10 2,4,6-Trinitrophenol						M
2	25.747	25.923	-0.176	287523	1517.2	M
1	25.747	25.923	-0.176	205473	1661.8	
24 1,3-Dinitrobenzene						
1	28.277	28.323	-0.046	202704	886.5	
9 3,5-Dinitroaniline						
1	29.404	29.453	-0.049	135977	903.8	
5 Nitrobenzene						
1	29.870	29.920	-0.050	88896	903.2	
20 Tetryl						
1	30.210	30.250	-0.040	120941	985.0	
7 Nitroglycerin						
2	30.700	30.743	-0.043	93287	1036.1	
25 2,4,6-Trinitrotoluene						
1	31.430	31.477	-0.047	126740	975.7	
26 4-Amino-2,6-dinitrotoluene						
1	32.400	32.457	-0.057	99890	957.3	
$ 30 3,4-Dinitrotoluene						
1	32.757	32.810	-0.053	36090	517.0	
2	32.757	32.807	-0.050	68786	532.8	
6 2-Amino-4,6-dinitrotoluene						
1	33.084	33.147	-0.063	109870	949.5	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
12 2,6-Dinitrotoluene						
1	34.317	34.373	-0.056	76622	961.5	
23 2,4-Dinitrotoluene						
1	34.700	34.760	-0.060	126122	966.1	
16 o-Nitrotoluene						
1	37.577	37.646	-0.069	49792	961.1	
15 p-Nitrotoluene						
1	38.794	38.866	-0.072	65856	991.6	
8 m-Nitrotoluene						
1	40.280	40.356	-0.076	65463	1000.6	
21 PETN						
2	40.940	41.016	-0.076	53251	1037.5	

QC Flag Legend

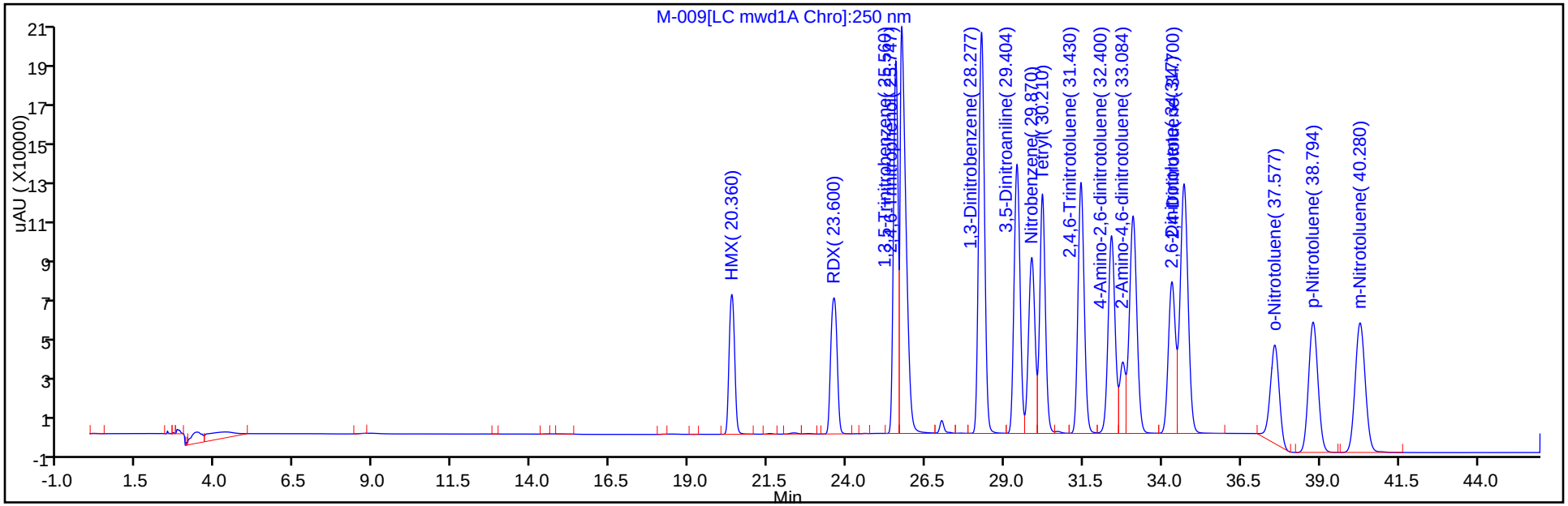
Review Flags
M - Manually Integrated

Report Date: 18-Sep-2012 15:07:55 Chrom Revision: 2.1 16-Sep-2012 09:37:06

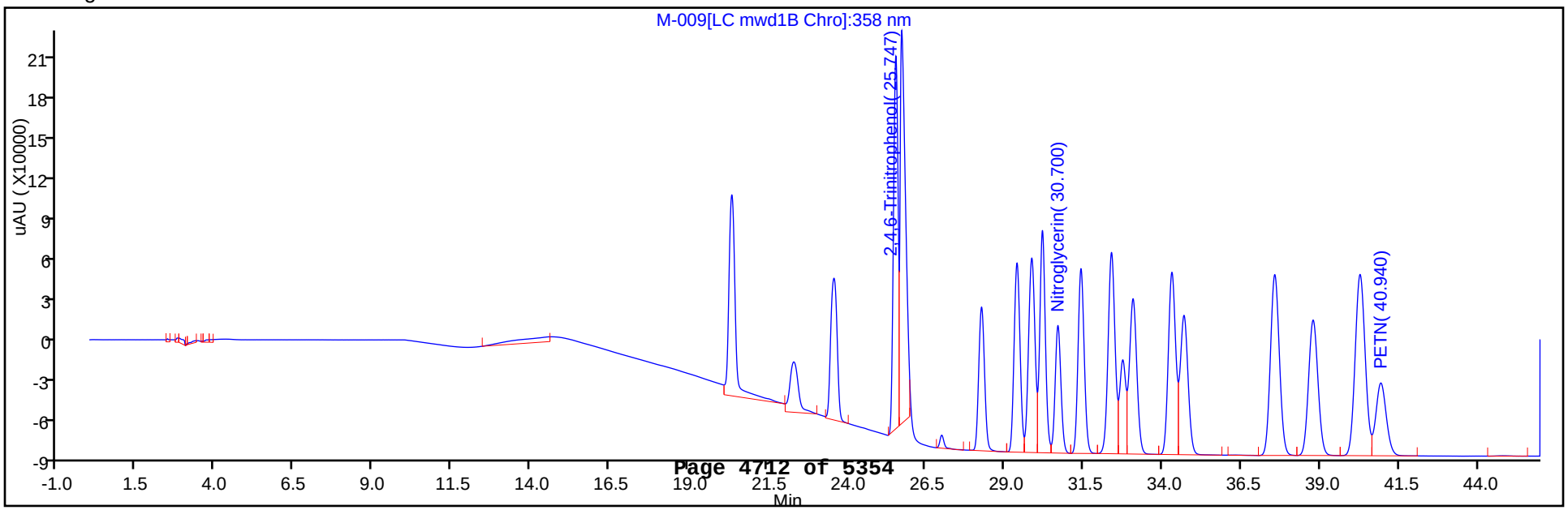
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC11\20120531-303.b\M-009.D		
Injection Date:	30-Apr-2012 21:31:38	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC11
Lims Batch ID:	1385	Lims Sample ID:	9
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Y Scaling:



Manual Integration/User Assign Peak Report

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC11\20120531-303.b\M-009.D		
Injection Date:	30-Apr-2012 21:31:38	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC11
Lims Batch ID:	1385	Lims Sample ID:	9
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:		Column Dia:	

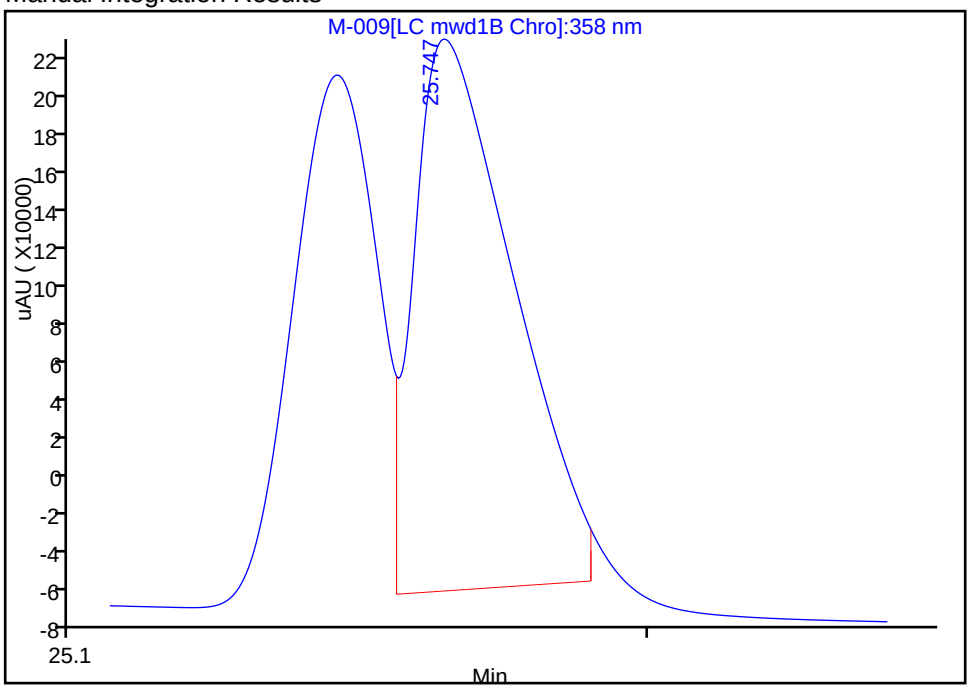
10 2,4,6-Trinitrophenol, Signal: 1, Type: quant, RT: 25.92, Det: LC mwd1B

Processing Integration Results

RT: 0.00
Response: 0
Amount: 0

Manual Integration Results

RT: 25.75
Response: 287523
Amount: 1517.1582



Reviewer: noonanr, 27-Aug-2012 16:02:42
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1 Analy Batch No.: 10422

SDG No.:

Instrument ID: LC12 GC Column: Zorbax CN ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2013 17:16 Calibration End Date: 02/14/2013 00:54 Calibration ID: 2128

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 320-10422/2	M000003.D
Level 2	STD02 320-10422/3	M000004.D
Level 3	STD03 320-10422/4	M000005.D
Level 4	STD04 320-10422/5	M000006.D
Level 5	STD05 320-10422/6	M000007.D
Level 6	STD06 320-10422/7	M000008.D
Level 7	STD07 320-10422/8	M000009.D
Level 8	STD08 320-10422/9	M000010.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7	LVL 8			RT WINDOW	AVG RT
Nitrobenzene	22.647	22.792	22.724	22.701	22.719	22.685	22.683	22.568			22.469 - 22.969	22.690
Ethylene glycol dinitrate			23.951	23.961	23.972	23.939	23.960	23.865			23.722 - 24.222	23.941
1,3-Dinitrobenzene	25.801	25.899	25.831	25.814	25.819	25.792	25.813	25.688			25.569 - 26.069	25.807
1,3,5-Trinitrobenzene	28.744	28.849	28.761	28.751	28.749	28.735	28.773	28.668			28.499 - 28.999	28.754
2-Nitrotoluene	29.854	29.992	29.921	29.887	29.882	29.862	29.913	29.735			29.632 - 30.132	29.881
4-Nitrotoluene	29.854	29.992	29.921	29.887	29.882	29.862	29.913	29.735			29.632 - 30.132	29.881
3-Nitrotoluene	30.464	30.599	30.514	30.491	30.496	30.475	30.523	30.328			30.246 - 30.746	30.486
3,5-Dinitroaniline	31.874	32.025	31.918	31.881	31.889	31.872	31.940	31.755			31.639 - 32.139	31.894
RDX	32.451	32.639	32.521	32.497	32.489	32.469	32.540	32.298			32.239 - 32.739	32.488
2,4-Dinitrotoluene	33.711	33.875	33.758	33.734	33.726	33.715	33.780	33.595			33.476 - 33.976	33.737
2,6-Dinitrotoluene	34.721	34.859	34.768	34.741	34.739	34.725	34.796	34.605			34.489 - 34.989	34.744
2-Amino-4,6-dinitrotoluene	36.767	36.972	36.844	36.807	36.802	36.782	36.886	36.671			36.552 - 37.052	36.816
4-Amino-2,6-dinitrotoluene	37.384	37.515	37.418	37.394	37.376	37.362	37.456	37.255			37.126 - 37.626	37.395
2,4,6-Trinitrotoluene	41.221	41.309	41.224	41.207	41.196	41.189	41.263	41.145			40.946 - 41.446	41.219
HMX	42.604	42.739	42.648	42.614	42.609	42.595	42.690	42.541			42.359 - 42.859	42.630
Nitroglycerin			45.151	45.127	45.139	45.115	45.223	45.088			44.889 - 45.389	45.141
Tetryl	46.727	46.829	46.744	46.711	46.719	46.695	46.816	46.668			46.469 - 46.969	46.739
PETN			53.101	53.074	53.082	53.039	53.166	53.048			52.832 - 53.332	53.085
3,4-Dinitrotoluene	39.014	39.169	39.041	39.004	38.999	38.979	39.073	38.891			38.749 - 39.249	39.021

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1 Analy Batch No.: 10422

SDG No.:

Instrument ID: LC12 GC Column: Zorbax CN ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2013 17:16 Calibration End Date: 02/14/2013 00:54 Calibration ID: 2128

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 320-10422/2	M000003.D
Level 2	STD02 320-10422/3	M000004.D
Level 3	STD03 320-10422/4	M000005.D
Level 4	STD04 320-10422/5	M000006.D
Level 5	STD05 320-10422/6	M000007.D
Level 6	STD06 320-10422/7	M000008.D
Level 7	STD07 320-10422/8	M000009.D
Level 8	STD08 320-10422/9	M000010.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3 LVL 7	LVL 4 LVL 8		B	M1	M2								
Nitrobenzene	51.000	51.800	49.600	49.780	Ave		48.3402500				9.6		20.0			
	51.610	49.560	45.418	37.954												
Ethylene glycol dinitrate			24.000	22.960	Ave		21.8763333				8.6		20.0			
	22.300	22.135	21.404	18.459												
1,3-Dinitrobenzene	112.80	111.60	108.80	106.94	Ave		106.057000				7.8		20.0			
	111.57	107.36	101.91	87.481												
1,3,5-Trinitrobenzene	87.200	86.300	83.750	81.120	Ave		82.1397500				5.4		20.0			
	83.750	81.460	80.706	72.832												
2-Nitrotoluene	69.800	66.600	65.200	61.820	Ave		63.4711250				8.0		20.0			
	66.450	64.130	60.696	53.073												
4-Nitrotoluene	69.800	66.600	65.200	61.820	Ave		63.4711250				8.0		20.0			
	66.450	64.130	60.696	53.073												
3-Nitrotoluene	48.600	45.100	44.050	40.780	Ave		42.3773750				9.4		20.0			
	43.300	41.840	40.234	35.115												
3,5-Dinitroaniline	93.600	89.200	85.500	80.740	Ave		82.3305000				9.7		20.0			
	84.090	81.130	77.098	67.286												
RDX	59.600	54.000	51.400	47.540	Ave		49.0372500				12.0		20.0			
	48.330	46.555	45.108	39.765												
2,4-Dinitrotoluene	89.600	91.800	90.950	88.020	Ave		88.3425000				5.5		20.0			
	92.530	89.960	86.594	77.286												
2,6-Dinitrotoluene	55.000	56.600	55.400	53.420	Ave		53.6290000				5.3		20.0			
	54.920	53.555	52.806	47.331												
2-Amino-4,6-dinitrotoluene	69.800	78.200	75.750	75.660	Ave		74.4017500				6.2		20.0			
	78.190	76.745	75.752	65.117												
4-Amino-2,6-dinitrotoluene	70.600	72.200	70.750	70.380	Ave		70.3133750				4.6		20.0			
	73.020	72.060	70.936	62.561												
2,4,6-Trinitrotoluene	86.400	90.300	85.250	84.240	Ave		87.9188750				6.5		20.0			
	96.600	95.185	85.510	79.866												

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1 Analy Batch No.: 10422

SDG No.:

Instrument ID: LC12 GC Column: Zorbax CN ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2013 17:16 Calibration End Date: 02/14/2013 00:54 Calibration ID: 2128

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3 LVL 7	LVL 4 LVL 8		B	M1	M2								
HMX	65.600 66.080	66.700 65.275	67.050 65.788	65.060 60.901	Ave		65.3067500				2.9		20.0			
Nitroglycerin	 87.830	 89.345	91.650 94.326	94.100 91.734	Ave		91.4975000				2.8		20.0			
Tetryl	115.60 135.04	115.70 133.31	113.25 114.99	112.12 111.50	Ave		118.937750				8.0		20.0			
PETN	 141.91	 142.71	146.35 151.90	148.06 149.64	Ave		146.761000				2.7		20.0			
3,4-Dinitrotoluene	56.000 53.590	55.900 53.170	53.100 53.943	53.400 48.234	Ave		53.4171667				4.5		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1 Analy Batch No.: 10422

SDG No.:

Instrument ID: LC12 GC Column: Zorbax CN ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2013 17:16 Calibration End Date: 02/14/2013 00:54 Calibration ID: 2128

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 320-10422/2	M000003.D
Level 2	STD02 320-10422/3	M000004.D
Level 3	STD03 320-10422/4	M000005.D
Level 4	STD04 320-10422/5	M000006.D
Level 5	STD05 320-10422/6	M000007.D
Level 6	STD06 320-10422/7	M000008.D
Level 7	STD07 320-10422/8	M000009.D
Level 8	STD08 320-10422/9	M000010.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Nitrobenzene	Ave	255 9912	518 22709	992 37954	2489	5161	5.00 200	10.0 500	20.0 1000	50.0	100
Ethylene glycol dinitrate	Ave	 4427	 10702	480 18459	1148	2230	 200	 500	20.0 1000	50.0	100
1,3-Dinitrobenzene	Ave	564 21471	1116 50955	2176 87481	5347	11157	5.00 200	10.0 500	20.0 1000	50.0	100
1,3,5-Trinitrobenzene	Ave	436 16292	863 40353	1675 72832	4056	8375	5.00 200	10.0 500	20.0 1000	50.0	100
2-Nitrotoluene	Ave	349 12826	666 30348	1304 53073	3091	6645	5.00 200	10.0 500	20.0 1000	50.0	100
4-Nitrotoluene	Ave	349 12826	666 30348	1304 53073	3091	6645	5.00 200	10.0 500	20.0 1000	50.0	100
3-Nitrotoluene	Ave	243 8368	451 20117	881 35115	2039	4330	5.00 200	10.0 500	20.0 1000	50.0	100
3,5-Dinitroaniline	Ave	468 16226	892 38549	1710 67286	4037	8409	5.00 200	10.0 500	20.0 1000	50.0	100
RDX	Ave	298 9311	540 22554	1028 39765	2377	4833	5.00 200	10.0 500	20.0 1000	50.0	100
2,4-Dinitrotoluene	Ave	448 17992	918 43297	1819 77286	4401	9253	5.00 200	10.0 500	20.0 1000	50.0	100
2,6-Dinitrotoluene	Ave	275 10711	566 26403	1108 47331	2671	5492	5.00 200	10.0 500	20.0 1000	50.0	100
2-Amino-4,6-dinitrotoluene	Ave	349 15349	782 37876	1515 65117	3783	7819	5.00 200	10.0 500	20.0 1000	50.0	100
4-Amino-2,6-dinitrotoluene	Ave	353 14412	722 35468	1415 62561	3519	7302	5.00 200	10.0 500	20.0 1000	50.0	100
2,4,6-Trinitrotoluene	Ave	432 19037	903 42755	1705 79866	4212	9660	5.00 200	10.0 500	20.0 1000	50.0	100
HMX	Ave	328 13055	667 32894	1341 60901	3253	6608	5.00 200	10.0 500	20.0 1000	50.0	100

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1 Analy Batch No.: 10422

SDG No.:

Instrument ID: LC12 GC Column: Zorbax CN ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2013 17:16 Calibration End Date: 02/14/2013 00:54 Calibration ID: 2128

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Nitroglycerin	Ave	17869	47163	1833 91734	4705	8783	200	500	20.0 1000	50.0	100
Tetryl	Ave	578 26661	1157 57496	2265 111495	5606	13504	5.00 200	10.0 500	20.0 1000	50.0	100
PETN	Ave	28542	75949	2927 149638	7403	14191	200	500	20.0 1000	50.0	100
3,4-Dinitrotoluene	Ave	280 10634	559 16183	1062 24117	2670	5359	5.00 200	10.0 300	20.0 500	50.0	100

Curve Type Legend:
Ave = Average by Height

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20130213-2792.b\M000003.D		
Lims ID:	STD01	Client ID:	
Inject. Date:	13-Feb-2013 17:16:36	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	320-0002792-002		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	11
Lims Batch ID:	10422	Lims Sample ID:	2
Sublist:	chrom-LC12_Conf_8330*sub1		
Method:	\\SACChrom\ChromData\LC12\20130213-2792.b\LC12_Conf_8330.m		
Last Update:	14-Feb-2013 07:52:13	Calib Date:	14-Feb-2013 00:54:32
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20130213-2792.b\M000010.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK023		
First Level Reviewer: noonanr		Date:	14-Feb-2013 07:29:01

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	22.647	22.719	-0.072	255	5.28	
3 Ethylene glycol dinitrate						
2	23.981	23.972	0.009	122	5.58	
24 1,3-Dinitrobenzene						
1	25.801	25.819	-0.018	564	5.32	
27 1,3,5-Trinitrobenzene						
1	28.744	28.749	-0.005	436	5.31	
16 o-Nitrotoluene						
1	29.854	29.882	-0.028	349	5.50	
15 p-Nitrotoluene						
1	29.854	29.882	-0.028	349	5.50	
8 m-Nitrotoluene						
1	30.464	30.496	-0.032	243	5.73	
9 3,5-Dinitroaniline						
1	31.874	31.889	-0.015	468	5.68	
19 RDX						
1	32.451	32.489	-0.038	298	6.08	
23 2,4-Dinitrotoluene						
1	33.711	33.726	-0.015	448	5.07	
12 2,6-Dinitrotoluene						
1	34.721	34.739	-0.018	275	5.13	
6 2-Amino-4,6-dinitrotoluene						
1	36.767	36.802	-0.035	349	4.69	
26 4-Amino-2,6-dinitrotoluene						
1	37.384	37.376	0.008	353	5.02	
$ 30 3,4-Dinitrotoluene						
1	39.014	38.999	0.015	280	5.24	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
25 2,4,6-Trinitrotoluene						
1	41.221	41.196	0.025	432	4.91	
11 HMX						
1	42.604	42.609	-0.005	328	5.02	
7 Nitroglycerin						
2	45.137	45.139	-0.002	244	2.67	
20 Tetryl						
1	46.727	46.719	0.008	578	4.86	
21 PETN						
2	53.067	53.082	-0.015	744	5.07	

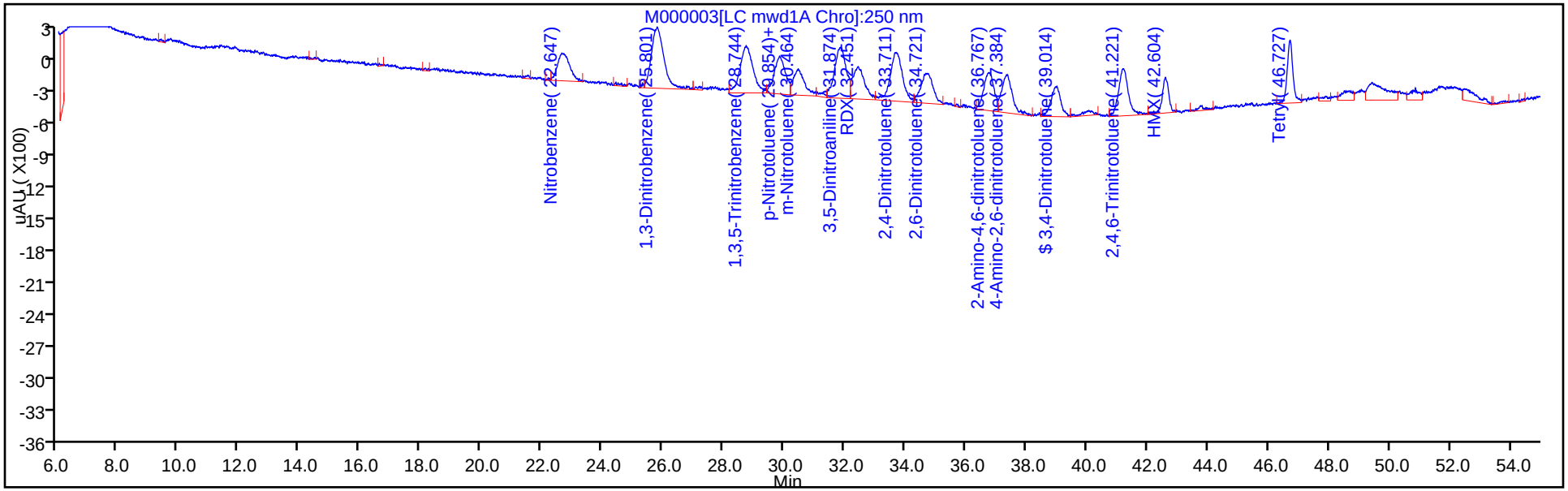
Report Date: 14-Feb-2013 07:52:14 Chrom Revision: 2.1 23-Jan-2013 14:30:26

TestAmerica Sacramento

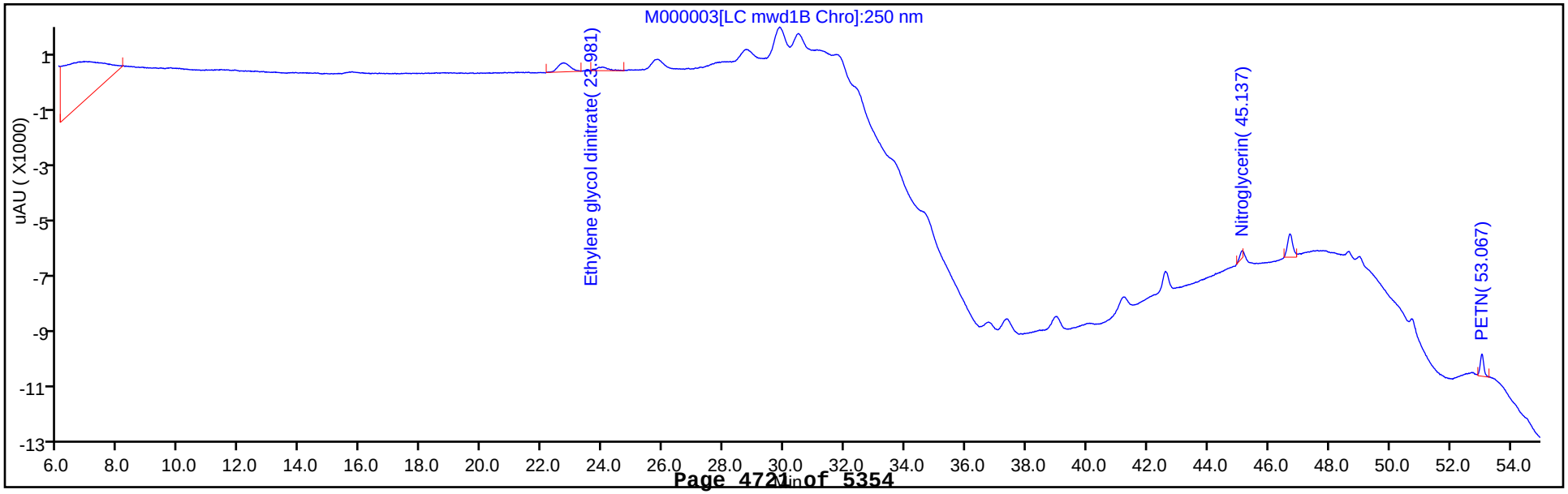
Data File: \\SACChrom\ChromData\LC12\20130213-2792.b\M000003.D

Injection Date:	13-Feb-2013 17:16:36	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	10422	Lims Sample ID:	2
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20130213-2792.b\M000004.D		
Lims ID:	STD02	Client ID:	
Inject. Date:	13-Feb-2013 18:22:04	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	320-0002792-003		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	12
Lims Batch ID:	10422	Lims Sample ID:	3
Sublist:	chrom-LC12_Conf_8330*sub1		
Method:	\\SACChrom\ChromData\LC12\20130213-2792.b\LC12_Conf_8330.m		
Last Update:	14-Feb-2013 07:52:14	Calib Date:	14-Feb-2013 00:54:32
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20130213-2792.b\M000010.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK023		

First Level Reviewer: noonanr Date: 14-Feb-2013 07:42:54

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	22.792	22.719	0.073	518	10.7	
3 Ethylene glycol dinitrate						
2	24.042	23.972	0.070	246	11.2	
24 1,3-Dinitrobenzene						
1	25.899	25.819	0.080	1116	10.5	
27 1,3,5-Trinitrobenzene						
1	28.849	28.749	0.100	863	10.5	
16 o-Nitrotoluene						
1	29.992	29.882	0.110	666	10.5	
15 p-Nitrotoluene						
1	29.992	29.882	0.110	666	10.5	
8 m-Nitrotoluene						
1	30.599	30.496	0.103	451	10.6	
9 3,5-Dinitroaniline						
1	32.025	31.889	0.136	892	10.8	
19 RDX						
1	32.639	32.489	0.150	540	11.0	
23 2,4-Dinitrotoluene						
1	33.875	33.726	0.149	918	10.4	
12 2,6-Dinitrotoluene						
1	34.859	34.739	0.120	566	10.6	
6 2-Amino-4,6-dinitrotoluene						
1	36.972	36.802	0.170	782	10.5	
26 4-Amino-2,6-dinitrotoluene						
1	37.515	37.376	0.139	722	10.3	
$ 30 3,4-Dinitrotoluene						
1	39.169	38.999	0.170	559	10.5	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
25 2,4,6-Trinitrotoluene						
1	41.309	41.196	0.113	903	10.3	
11 HMX						
1	42.739	42.609	0.130	667	10.2	
7 Nitroglycerin						
2	45.239	45.139	0.100	540	5.90	
20 Tetryl						
1	46.829	46.719	0.110	1157	9.73	
21 PETN						
2	53.155	53.082	0.073	1475	10.1	

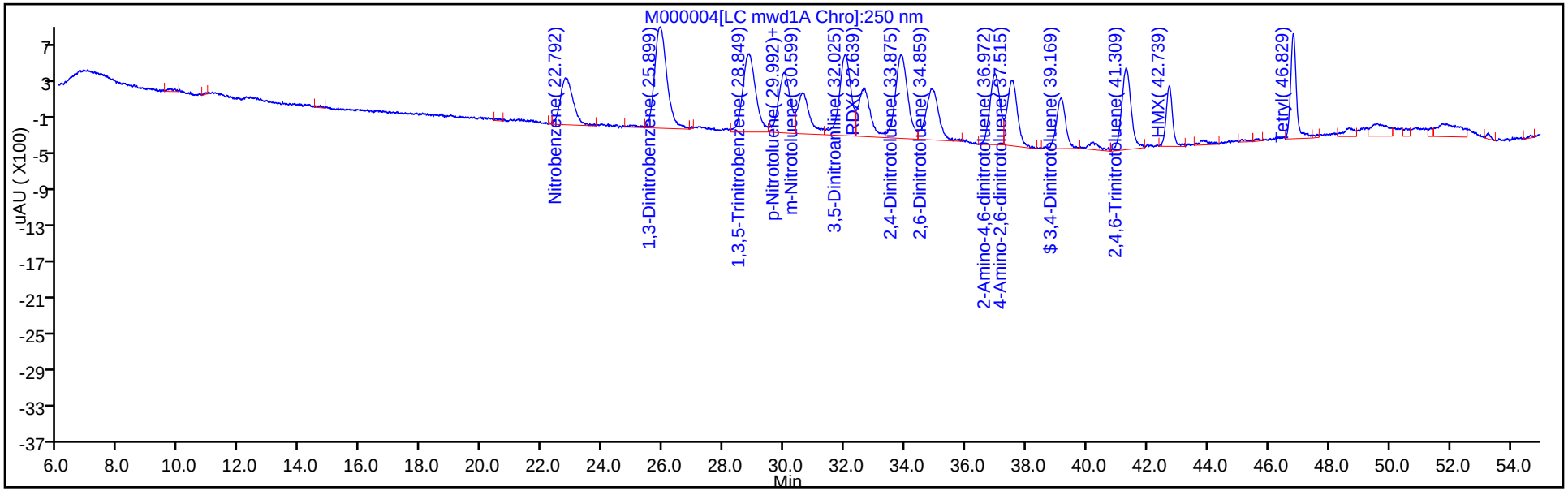
Report Date: 14-Feb-2013 07:52:15 Chrom Revision: 2.1 23-Jan-2013 14:30:26

TestAmerica Sacramento

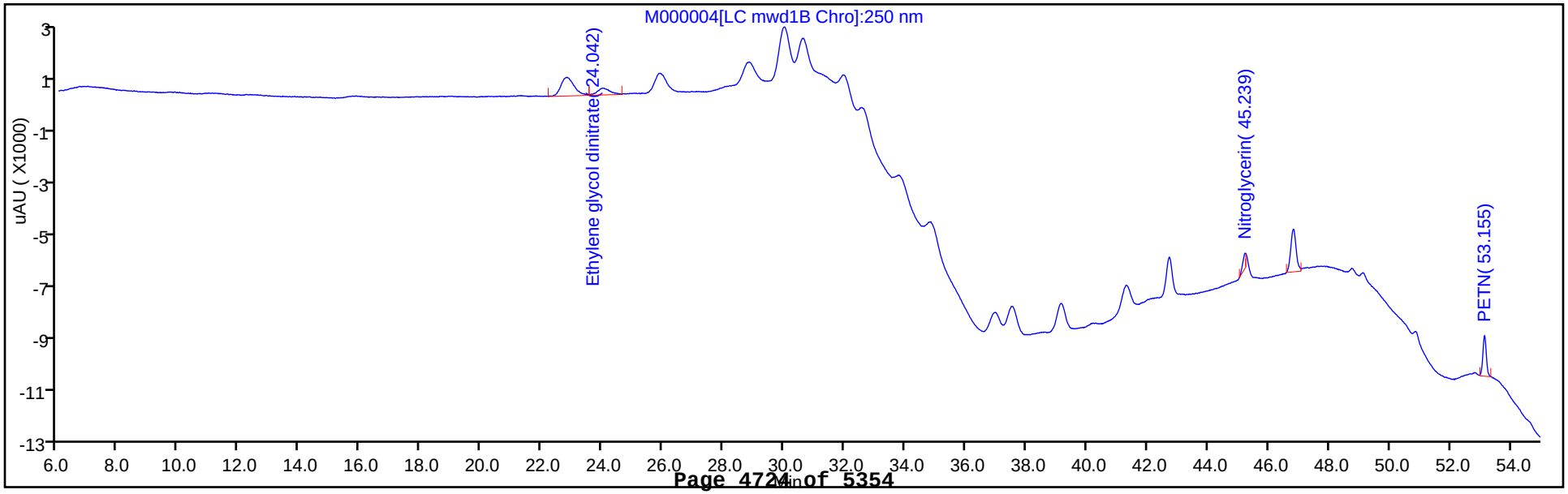
Data File: \\SACChrom\ChromData\LC12\20130213-2792.b\M000004.D

Injection Date:	13-Feb-2013 18:22:04	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	10422	Lims Sample ID:	3
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20130213-2792.b\M000005.D		
Lims ID:	STD03	Client ID:	
Inject. Date:	13-Feb-2013 19:27:28	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	320-0002792-004		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	13
Lims Batch ID:	10422	Lims Sample ID:	4
Sublist:	chrom-LC12_Conf_8330*sub1		
Method:	\\SACChrom\ChromData\LC12\20130213-2792.b\LC12_Conf_8330.m		
Last Update:	14-Feb-2013 07:52:15	Calib Date:	14-Feb-2013 00:54:32
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20130213-2792.b\M000010.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK023		

First Level Reviewer: noonanr Date: 14-Feb-2013 07:42:59

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	22.724	22.719	0.005	992	20.5	
3 Ethylene glycol dinitrate						
2	23.951	23.972	-0.021	480	21.9	
24 1,3-Dinitrobenzene						
1	25.831	25.819	0.012	2176	20.5	
27 1,3,5-Trinitrobenzene						
1	28.761	28.749	0.012	1675	20.4	
16 o-Nitrotoluene						
1	29.921	29.882	0.039	1304	20.5	
15 p-Nitrotoluene						
1	29.921	29.882	0.039	1304	20.5	
8 m-Nitrotoluene						
1	30.514	30.496	0.018	881	20.8	
9 3,5-Dinitroaniline						
1	31.918	31.889	0.029	1710	20.8	
19 RDX						
1	32.521	32.489	0.032	1028	21.0	
23 2,4-Dinitrotoluene						
1	33.758	33.726	0.032	1819	20.6	
12 2,6-Dinitrotoluene						
1	34.768	34.739	0.029	1108	20.7	
6 2-Amino-4,6-dinitrotoluene						
1	36.844	36.802	0.042	1515	20.4	
26 4-Amino-2,6-dinitrotoluene						
1	37.418	37.376	0.042	1415	20.1	
$ 30 3,4-Dinitrotoluene						
1	39.041	38.999	0.042	1062	19.9	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
25 2,4,6-Trinitrotoluene						
1	41.224	41.196	0.028	1705	19.4	
11 HMX						
1	42.648	42.609	0.039	1341	20.5	
7 Nitroglycerin						
2	45.151	45.139	0.012	1833	20.0	
20 Tetryl						
1	46.744	46.719	0.025	2265	19.0	
21 PETN						
2	53.101	53.082	0.019	2927	19.9	

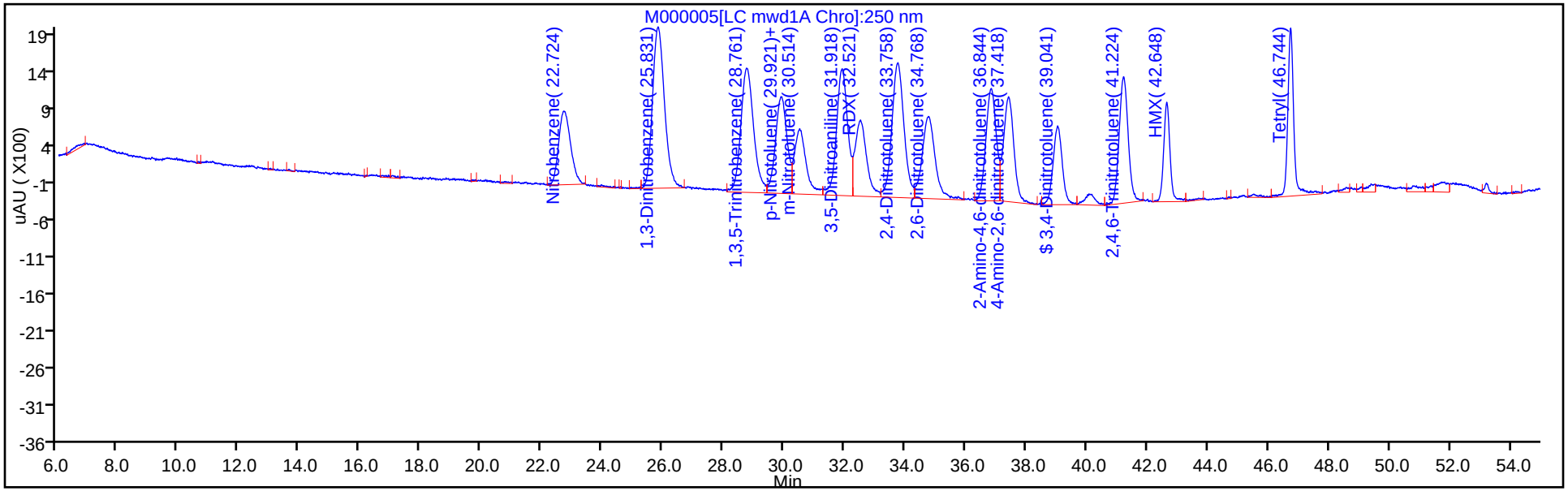
Report Date: 14-Feb-2013 07:52:16 Chrom Revision: 2.1 23-Jan-2013 14:30:26

TestAmerica Sacramento

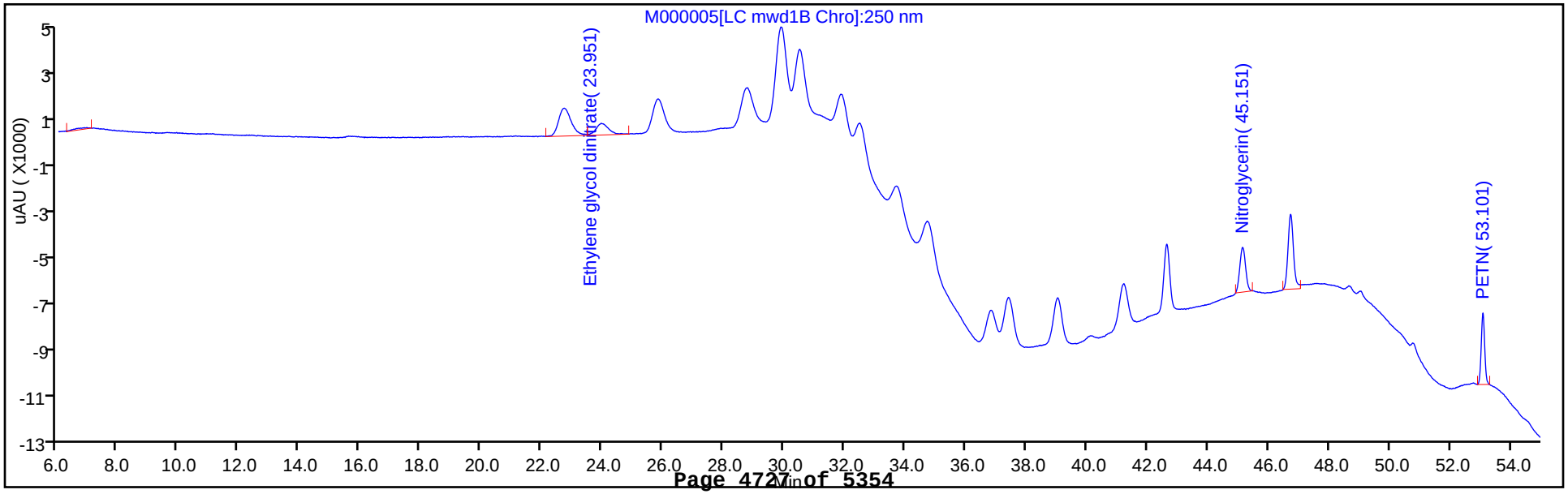
Data File: \\SACChrom\ChromData\LC12\20130213-2792.b\M000005.D

Injection Date:	13-Feb-2013 19:27:28	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	10422	Lims Sample ID:	4
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20130213-2792.b\M000006.D		
Lims ID:	STD04	Client ID:	
Inject. Date:	13-Feb-2013 20:32:51	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	320-0002792-005		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	14
Lims Batch ID:	10422	Lims Sample ID:	5
Sublist:	chrom-LC12_Conf_8330*sub1		
Method:	\\SACChrom\ChromData\LC12\20130213-2792.b\LC12_Conf_8330.m		
Last Update:	14-Feb-2013 07:52:16	Calib Date:	14-Feb-2013 00:54:32
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20130213-2792.b\M000010.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK023		

First Level Reviewer: noonanr Date: 14-Feb-2013 07:45:51

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	22.701	22.719	-0.018	2489	51.5	
3 Ethylene glycol dinitrate						
2	23.961	23.972	-0.011	1148	52.5	
24 1,3-Dinitrobenzene						
1	25.814	25.819	-0.005	5347	50.4	
27 1,3,5-Trinitrobenzene						
1	28.751	28.749	0.002	4056	49.4	
16 o-Nitrotoluene						
1	29.887	29.882	0.005	3091	48.7	
15 p-Nitrotoluene						
1	29.887	29.882	0.005	3091	48.7	
8 m-Nitrotoluene						
1	30.491	30.496	-0.005	2039	48.1	
9 3,5-Dinitroaniline						
1	31.881	31.889	-0.008	4037	49.0	
19 RDX						
1	32.497	32.489	0.008	2377	48.5	
23 2,4-Dinitrotoluene						
1	33.734	33.726	0.008	4401	49.8	
12 2,6-Dinitrotoluene						
1	34.741	34.739	0.002	2671	49.8	
6 2-Amino-4,6-dinitrotoluene						
1	36.807	36.802	0.005	3783	50.8	
26 4-Amino-2,6-dinitrotoluene						
1	37.394	37.376	0.018	3519	50.0	
$ 30 3,4-Dinitrotoluene						
1	39.004	38.999	0.005	2670	50.0	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
25 2,4,6-Trinitrotoluene						
1	41.207	41.196	0.011	4212	47.9	
11 HMX						
1	42.614	42.609	0.005	3253	49.8	
7 Nitroglycerin						
2	45.127	45.139	-0.012	4705	51.4	
20 Tetryl						
1	46.711	46.719	-0.008	5606	47.1	
21 PETN						
2	53.074	53.082	-0.008	7403	50.4	

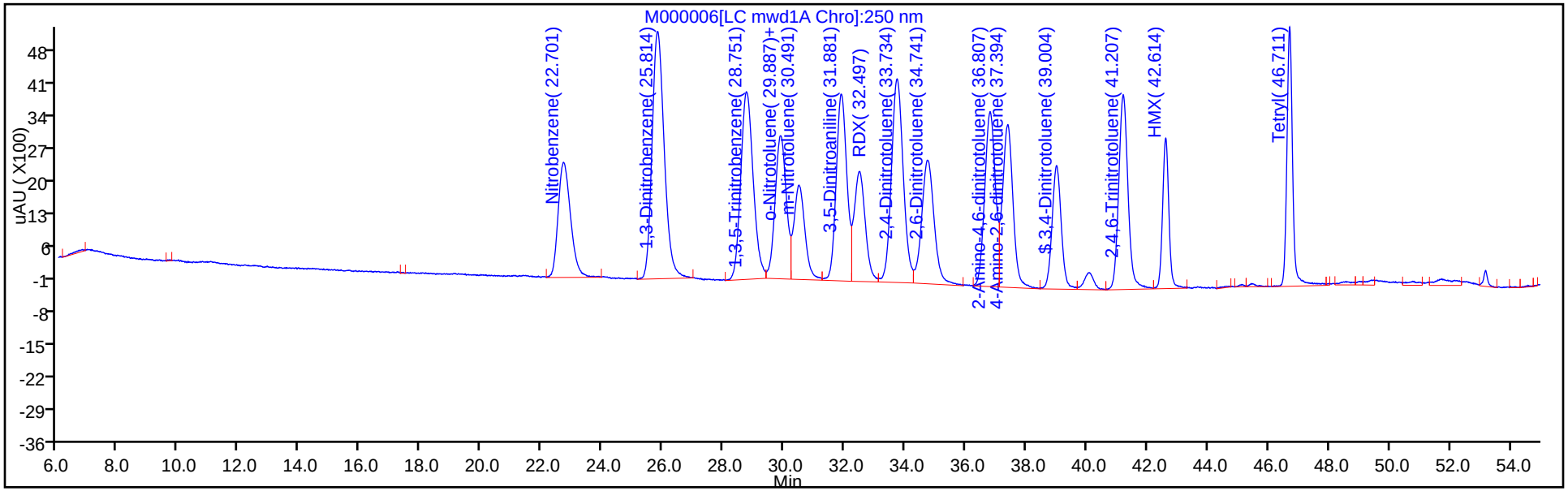
Report Date: 14-Feb-2013 07:52:16 Chrom Revision: 2.1 23-Jan-2013 14:30:26

TestAmerica Sacramento

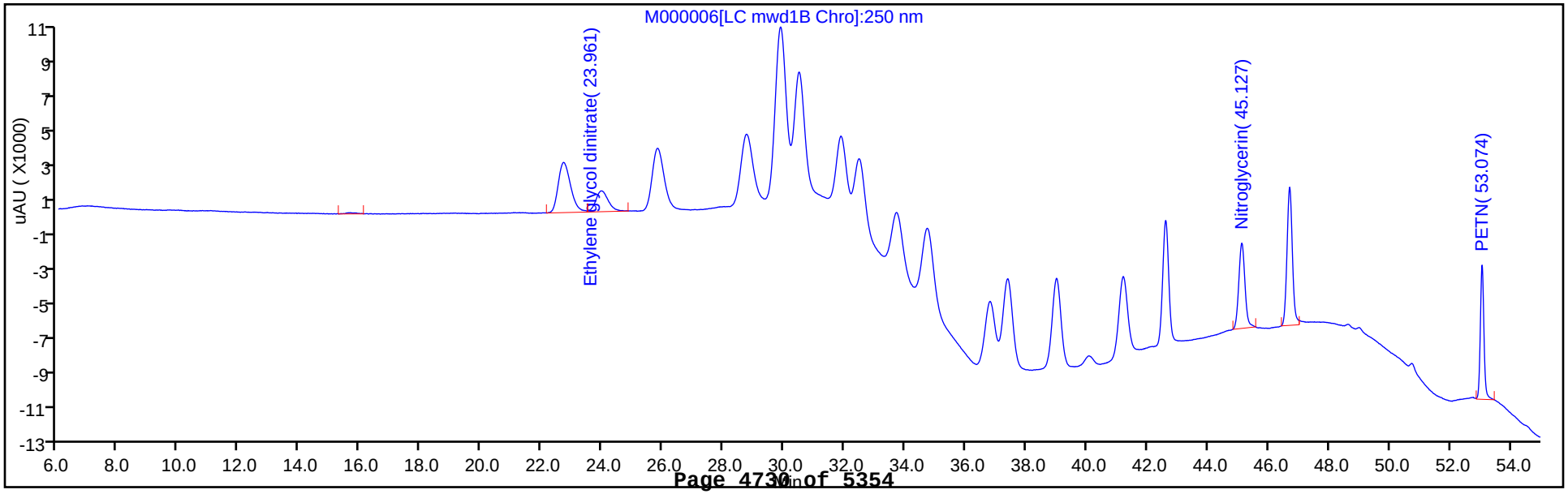
Data File: \\SACChrom\ChromData\LC12\20130213-2792.b\M000006.D

Injection Date:	13-Feb-2013 20:32:51	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	10422	Lims Sample ID:	5
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20130213-2792.b\M000007.D		
Lims ID:	STD05	Client ID:	
Inject. Date:	13-Feb-2013 21:38:19	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	320-0002792-006		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	15
Lims Batch ID:	10422	Lims Sample ID:	6
Sublist:	chrom-LC12_Conf_8330*sub1		
Method:	\\SACChrom\ChromData\LC12\20130213-2792.b\LC12_Conf_8330.m		
Last Update:	14-Feb-2013 07:52:17	Calib Date:	14-Feb-2013 00:54:32
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20130213-2792.b\M000010.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK023		

First Level Reviewer: noonanr Date: 14-Feb-2013 07:47:34

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	22.719	22.719	0.0	5161	106.8	
3 Ethylene glycol dinitrate						
2	23.972	23.972	0.0	2230	101.9	
24 1,3-Dinitrobenzene						
1	25.819	25.819	0.0	11157	105.2	
27 1,3,5-Trinitrobenzene						
1	28.749	28.749	0.0	8375	102.0	
16 o-Nitrotoluene						
1	29.882	29.882	0.0	6645	104.7	
15 p-Nitrotoluene						
1	29.882	29.882	0.0	6645	104.7	
8 m-Nitrotoluene						
1	30.496	30.496	0.0	4330	102.2	
9 3,5-Dinitroaniline						
1	31.889	31.889	0.0	8409	102.1	
19 RDX						
1	32.489	32.489	0.0	4833	98.6	
23 2,4-Dinitrotoluene						
1	33.726	33.726	0.0	9253	104.7	
12 2,6-Dinitrotoluene						
1	34.739	34.739	0.0	5492	102.4	
6 2-Amino-4,6-dinitrotoluene						
1	36.802	36.802	0.0	7819	105.1	
26 4-Amino-2,6-dinitrotoluene						
1	37.376	37.376	0.0	7302	103.8	
$ 30 3,4-Dinitrotoluene						
1	38.999	38.999	0.0	5359	100.3	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
25 2,4,6-Trinitrotoluene						
1	41.196	41.196	0.0	9660	109.9	
11 HMX						
1	42.609	42.609	0.0	6608	101.2	
7 Nitroglycerin						
2	45.139	45.139	0.0	8783	96.0	
20 Tetryl						
1	46.719	46.719	0.0	13504	113.5	
21 PETN						
2	53.082	53.082	0.0	14191	96.7	

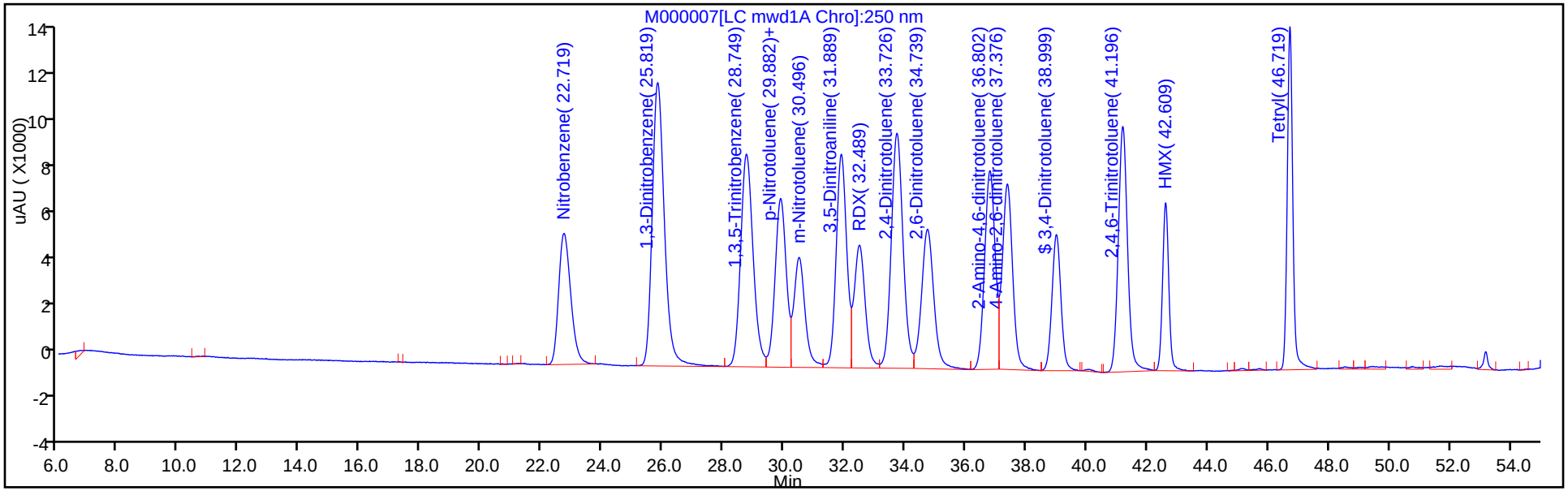
Report Date: 14-Feb-2013 07:52:17 Chrom Revision: 2.1 23-Jan-2013 14:30:26

TestAmerica Sacramento

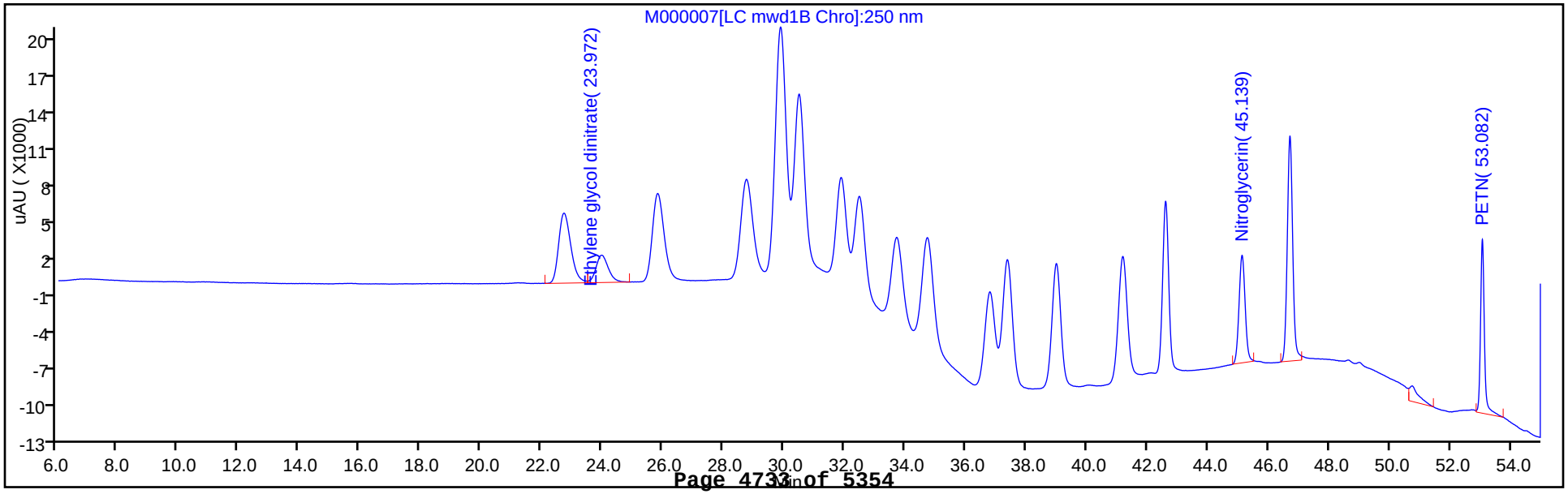
Data File: \\SACChrom\ChromData\LC12\20130213-2792.b\M000007.D

Injection Date:	13-Feb-2013 21:38:19	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	10422	Lims Sample ID:	6
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20130213-2792.b\M000008.D		
Lims ID:	STD06	Client ID:	
Inject. Date:	13-Feb-2013 22:43:44	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	320-0002792-007		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	16
Lims Batch ID:	10422	Lims Sample ID:	7
Sublist:	chrom-LC12_Conf_8330*sub1		
Method:	\\SACChrom\ChromData\LC12\20130213-2792.b\LC12_Conf_8330.m		
Last Update:	14-Feb-2013 07:52:18	Calib Date:	14-Feb-2013 00:54:32
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20130213-2792.b\M000010.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK023		

First Level Reviewer: noonanr Date: 14-Feb-2013 07:47:55

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	22.685	22.719	-0.034	9912	205.0	
3 Ethylene glycol dinitrate						
2	23.939	23.972	-0.033	4427	202.4	
24 1,3-Dinitrobenzene						
1	25.792	25.819	-0.027	21471	202.4	
27 1,3,5-Trinitrobenzene						
1	28.735	28.749	-0.014	16292	198.3	
16 o-Nitrotoluene						
1	29.862	29.882	-0.020	12826	202.1	
15 p-Nitrotoluene						
1	29.862	29.882	-0.020	12826	202.1	
8 m-Nitrotoluene						
1	30.475	30.496	-0.021	8368	197.5	
9 3,5-Dinitroaniline						
1	31.872	31.889	-0.017	16226	197.1	
19 RDX						
1	32.469	32.489	-0.020	9311	189.9	
23 2,4-Dinitrotoluene						
1	33.715	33.726	-0.011	17992	203.7	
12 2,6-Dinitrotoluene						
1	34.725	34.739	-0.014	10711	199.7	
6 2-Amino-4,6-dinitrotoluene						
1	36.782	36.802	-0.020	15349	206.3	
26 4-Amino-2,6-dinitrotoluene						
1	37.362	37.376	-0.014	14412	205.0	
$ 30 3,4-Dinitrotoluene						
1	38.979	38.999	-0.020	10634	199.1	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
25 2,4,6-Trinitrotoluene						
1	41.189	41.196	-0.007	19037	216.5	
11 HMX						
1	42.595	42.609	-0.014	13055	199.9	
7 Nitroglycerin						
2	45.115	45.139	-0.024	17869	195.3	
20 Tetryl						
1	46.695	46.719	-0.024	26661	224.2	
21 PETN						
2	53.039	53.082	-0.043	28542	194.5	

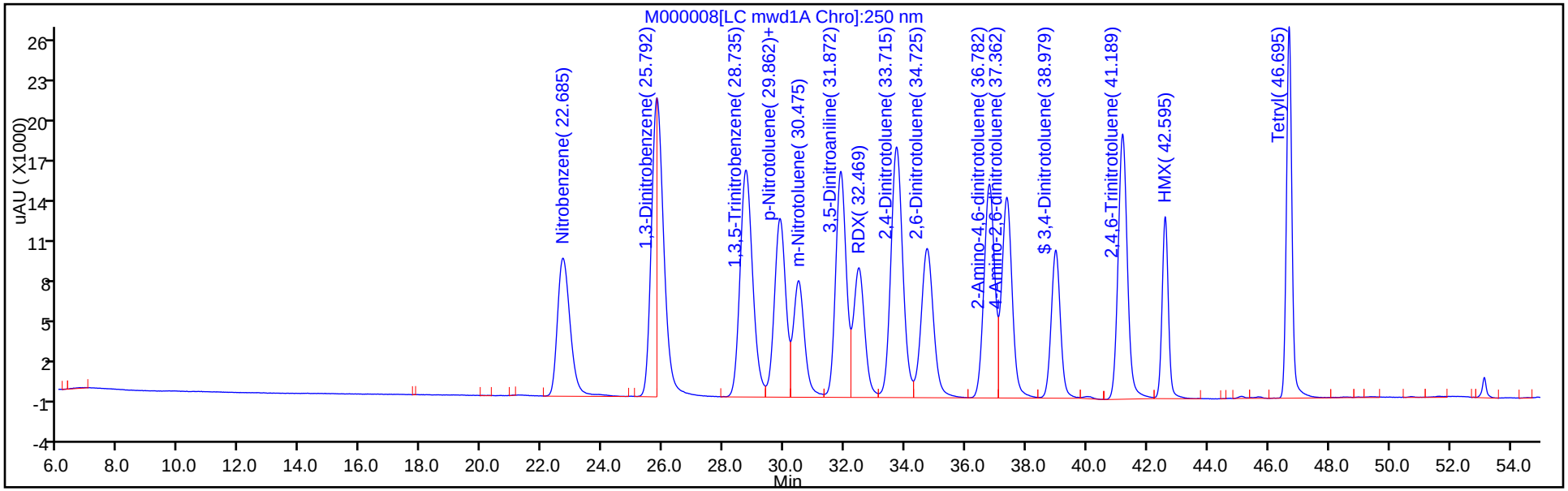
Report Date: 14-Feb-2013 07:52:18 Chrom Revision: 2.1 23-Jan-2013 14:30:26

TestAmerica Sacramento

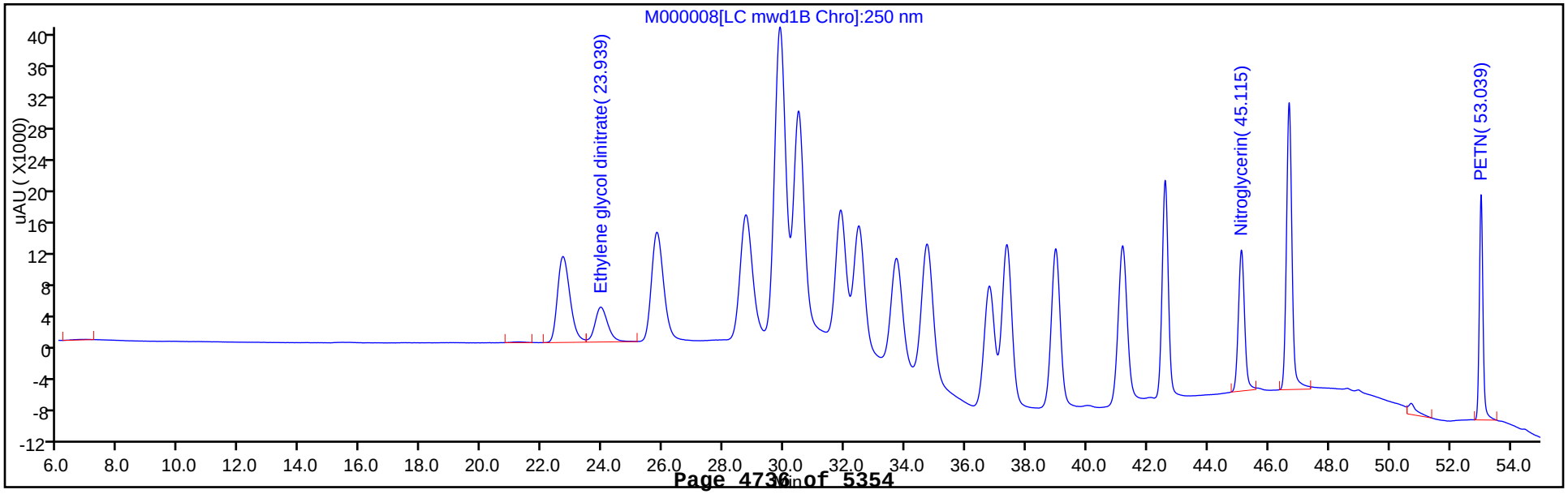
Data File: \\SACChrom\ChromData\LC12\20130213-2792.b\M000008.D

Injection Date:	13-Feb-2013 22:43:44	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	10422	Lims Sample ID:	7
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20130213-2792.b\M000009.D		
Lims ID:	STD07	Client ID:	
Inject. Date:	13-Feb-2013 23:49:07	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	7
Sample ID:	320-0002792-008		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	17
Lims Batch ID:	10422	Lims Sample ID:	8
Sublist:	chrom-LC12_Conf_8330*sub1		
Method:	\\SACChrom\ChromData\LC12\20130213-2792.b\LC12_Conf_8330.m		
Last Update:	14-Feb-2013 07:52:19	Calib Date:	14-Feb-2013 00:54:32
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20130213-2792.b\M000010.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK023		

First Level Reviewer: noonanr Date: 14-Feb-2013 07:47:59

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	22.683	22.719	-0.036	22709	469.8	
3 Ethylene glycol dinitrate						
2	23.960	23.972	-0.012	10702	489.2	
24 1,3-Dinitrobenzene						
1	25.813	25.819	-0.006	50955	480.4	
27 1,3,5-Trinitrobenzene						
1	28.773	28.749	0.024	40353	491.3	
16 o-Nitrotoluene						
1	29.913	29.882	0.031	30348	478.1	
15 p-Nitrotoluene						
1	29.913	29.882	0.031	30348	478.1	
8 m-Nitrotoluene						
1	30.523	30.496	0.027	20117	474.7	
9 3,5-Dinitroaniline						
1	31.940	31.889	0.051	38549	468.2	
19 RDX						
1	32.540	32.489	0.051	22554	459.9	
23 2,4-Dinitrotoluene						
1	33.780	33.726	0.054	43297	490.1	
12 2,6-Dinitrotoluene						
1	34.796	34.739	0.057	26403	492.3	
6 2-Amino-4,6-dinitrotoluene						
1	36.886	36.802	0.084	37876	509.1	
26 4-Amino-2,6-dinitrotoluene						
1	37.456	37.376	0.080	35468	504.4	
$ 30 3,4-Dinitrotoluene						
1	39.073	38.999	0.074	16183	303.0	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
25 2,4,6-Trinitrotoluene						
1	41.263	41.196	0.067	42755	486.3	
11 HMX						
1	42.690	42.609	0.081	32894	503.7	
7 Nitroglycerin						
2	45.223	45.139	0.084	47163	515.5	
20 Tetryl						
1	46.816	46.719	0.097	57496	483.4	
21 PETN						
2	53.166	53.082	0.084	75949	517.5	

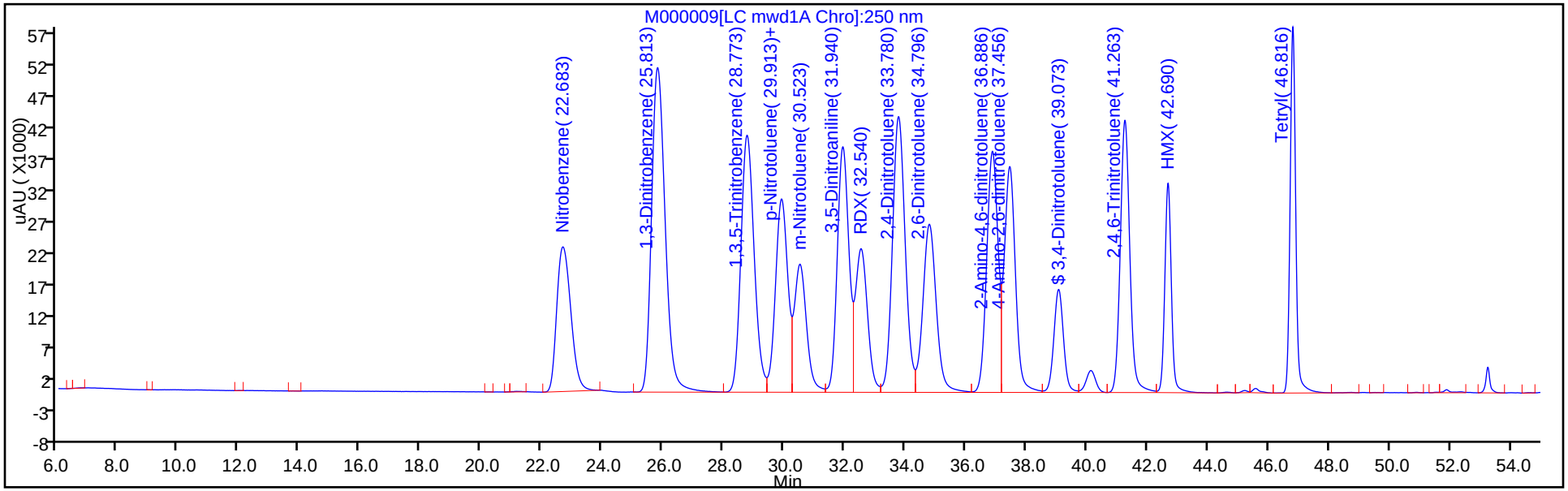
Report Date: 14-Feb-2013 07:52:19 Chrom Revision: 2.1 23-Jan-2013 14:30:26

TestAmerica Sacramento

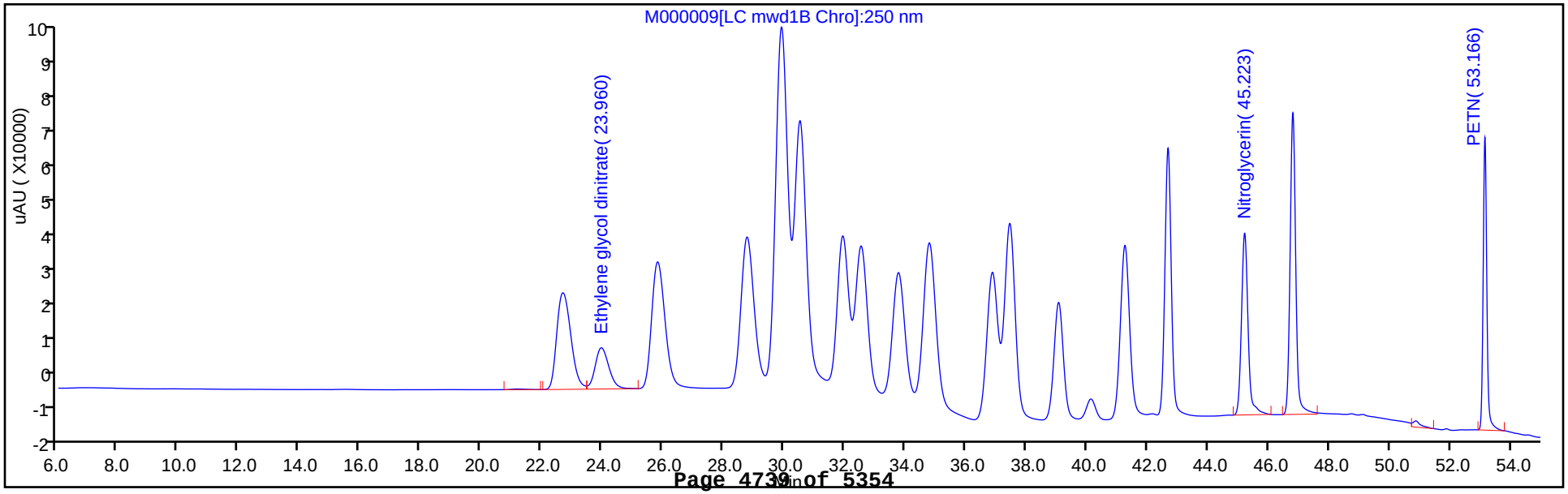
Data File: \\SACChrom\ChromData\LC12\20130213-2792.b\M000009.D

Injection Date:	13-Feb-2013 23:49:07	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	10422	Lims Sample ID:	8
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20130213-2792.b\M000010.D		
Lims ID:	STD08	Client ID:	
Inject. Date:	14-Feb-2013 00:54:32	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	8
Sample ID:	320-0002792-009		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	18
Lims Batch ID:	10422	Lims Sample ID:	9
Sublist:	chrom-LC12_Conf_8330*sub1		
Method:	\\SACChrom\ChromData\LC12\20130213-2792.b\LC12_Conf_8330.m		
Last Update:	14-Feb-2013 07:52:20	Calib Date:	14-Feb-2013 00:54:32
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20130213-2792.b\M000010.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK023		

First Level Reviewer: noonanr Date: 14-Feb-2013 07:50:54

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	22.568	22.719	-0.151	37954	785.1	
3 Ethylene glycol dinitrate						
2	23.865	23.972	-0.107	18459	843.8	
24 1,3-Dinitrobenzene						
1	25.688	25.819	-0.131	87481	824.8	
27 1,3,5-Trinitrobenzene						
1	28.668	28.749	-0.081	72832	886.7	
16 o-Nitrotoluene						
1	29.735	29.882	-0.147	53073	836.2	
15 p-Nitrotoluene						
1	29.735	29.882	-0.147	53073	836.2	
8 m-Nitrotoluene						
1	30.328	30.496	-0.168	35115	828.6	
9 3,5-Dinitroaniline						
1	31.755	31.889	-0.134	67286	817.3	
19 RDX						
1	32.298	32.489	-0.191	39765	810.9	
23 2,4-Dinitrotoluene						
1	33.595	33.726	-0.131	77286	874.8	
12 2,6-Dinitrotoluene						
1	34.605	34.739	-0.134	47331	882.6	
6 2-Amino-4,6-dinitrotoluene						
1	36.671	36.802	-0.131	65117	875.2	
26 4-Amino-2,6-dinitrotoluene						
1	37.255	37.376	-0.121	62561	889.7	
$ 30 3,4-Dinitrotoluene						
1	38.891	38.999	-0.108	24117	451.5	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
25 2,4,6-Trinitrotoluene						
1	41.145	41.196	-0.051	79866	908.4	
11 HMX						
1	42.541	42.609	-0.068	60901	932.5	
7 Nitroglycerin						
2	45.088	45.139	-0.051	91734	1002.6	
20 Tetryl						
1	46.668	46.719	-0.051	111495	937.4	
21 PETN						
2	53.048	53.082	-0.034	149638	1019.6	

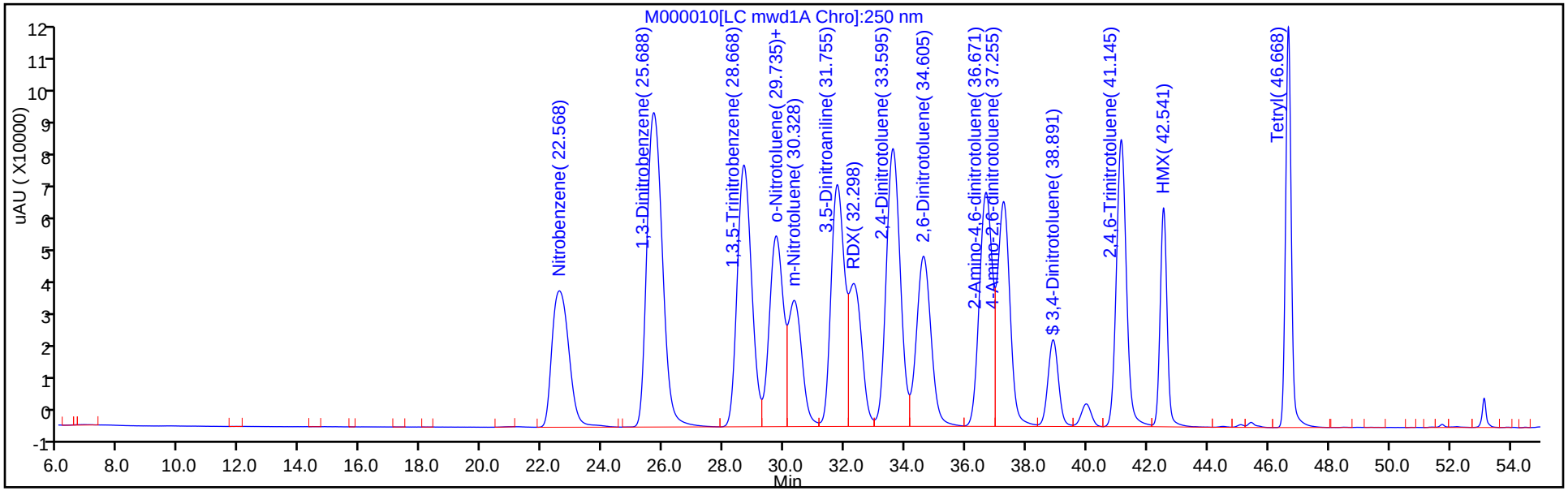
Report Date: 14-Feb-2013 07:52:20 Chrom Revision: 2.1 23-Jan-2013 14:30:26

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\LC12\20130213-2792.b\M000010.D

Injection Date:	14-Feb-2013 00:54:32	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	10422	Lims Sample ID:	9
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



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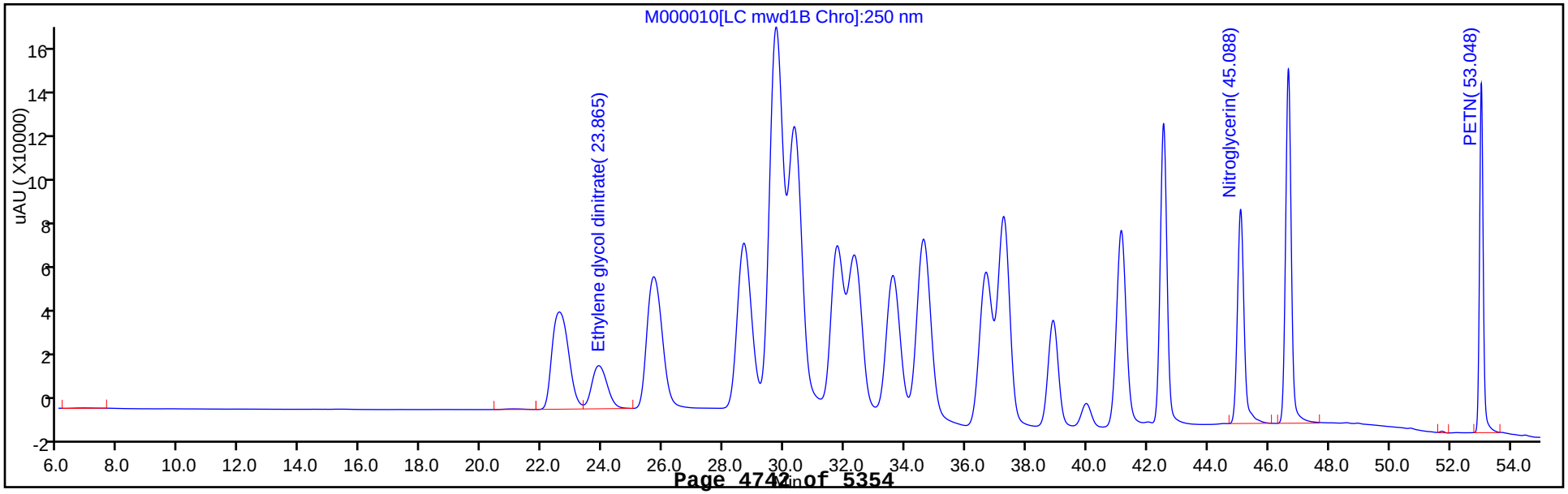


FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 320-14686/11 Calibration Date: 04/19/2013 17:18

Instrument ID: LC10 Calib Start Date: 04/19/2013 10:45

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 04/19/2013 15:51

Lab File ID: S000012.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	125.5	127.8		510	500	1.9	20.0
RDX	Ave	90.99	86.18		474	500	-5.3	20.0
Ethylene glycol dinitrate	Ave	110.5	110.3		499	500	-0.2	20.0
Picric acid	Ave	132.3	118.8		898	1000	-10.2	20.0
1,3,5-Trinitrobenzene	Ave	163.5	160.0		489	500	-2.2	20.0
1,3-Dinitrobenzene	Ave	162.2	156.0		481	500	-3.8	20.0
3,5-Dinitroaniline	Ave	103.6	106.1		512	500	2.4	20.0
Tetryl	Ave	94.63	101.1		534	500	6.9	20.0
Nitrobenzene	Ave	71.37	71.57		501	500	0.3	20.0
Nitroglycerin	Ave	70.31	72.89		518	500	3.7	20.0
2,4,6-Trinitrotoluene	Ave	95.40	97.48		511	500	2.2	20.0
4-Amino-2,6-dinitrotoluene	Ave	78.37	74.63		476	500	-4.8	20.0
2-Amino-4,6-dinitrotoluene	Ave	84.03	82.50		491	500	-1.8	20.0
2,6-Dinitrotoluene	Ave	59.83	59.43		497	500	-0.7	20.0
2,4-Dinitrotoluene	Ave	98.79	96.58		489	500	-2.2	20.0
2-Nitrotoluene	Ave	42.45	41.54		489	500	-2.1	20.0
4-Nitrotoluene	Ave	53.10	50.53		476	500	-4.8	20.0
3-Nitrotoluene	Ave	52.01	50.02		481	500	-3.8	20.0
PETN	Ave	39.35	39.63		504	500	0.7	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 320-14686/11 Calibration Date: 04/19/2013 17:18

Instrument ID: LC10 Calib Start Date: 04/19/2013 10:45

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 04/19/2013 15:51

Lab File ID: S000012.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	5.18	4.93	5.43
RDX	7.41	7.15	7.65
Ethylene glycol dinitrate	8.08	7.81	8.31
Picric acid	8.42	8.22	8.72
1,3,5-Trinitrobenzene	9.66	9.39	9.89
1,3-Dinitrobenzene	12.24	11.96	12.46
3,5-Dinitroaniline	12.98	12.69	13.19
Tetryl	13.27	12.97	13.47
Nitrobenzene	13.93	13.63	14.13
Nitroglycerin	14.47	14.17	14.67
2,4,6-Trinitrotoluene	15.34	15.04	15.54
4-Amino-2,6-dinitrotoluene	15.90	15.59	16.09
2-Amino-4,6-dinitrotoluene	16.87	16.55	17.05
2,6-Dinitrotoluene	18.38	18.06	18.56
2,4-Dinitrotoluene	19.02	18.70	19.20
2-Nitrotoluene	22.24	21.90	22.40
4-Nitrotoluene	23.87	23.52	24.02
3-Nitrotoluene	25.68	25.31	25.81
PETN	27.61	27.24	27.74

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000012.D
Lims ID: ICV Client ID:
Inject. Date: 19-Apr-2013 17:18:19 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 320-0003998-011
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 20
Lims Batch ID: 14686 Lims Sample ID: 11
Sublist:

Method: \\SACChrom\ChromData\LC10\20130419-3998.b\8330_LC10.m
Last Update: 23-Apr-2013 12:51:40 Calib Date: 19-Apr-2013 15:51:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK035

First Level Reviewer: shafern Date: 22-Apr-2013 09:40:12

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.178	5.177	0.001	63923	509.5	
19 RDX						
1	7.411	7.397	0.014	43089	473.5	
3 Ethylene glycol dinitrate						
2	8.078	8.061	0.017	55155	499.1	
10 2,4,6-Trinitrophenol						
2	8.424	8.471	-0.047	118777	898.1	
1	8.424	8.471	-0.047	81268	882.1	
27 1,3,5-Trinitrobenzene						
1	9.661	9.644	0.017	79976	489.0	
24 1,3-Dinitrobenzene						
1	12.241	12.211	0.030	78004	480.8	
9 3,5-Dinitroaniline						
1	12.978	12.941	0.037	53040	511.8	
20 Tetryl						
1	13.265	13.221	0.044	50558	534.3	
5 Nitrobenzene						
1	13.928	13.884	0.044	35787	501.4	
7 Nitroglycerin						
2	14.468	14.418	0.050	36447	518.4	
25 2,4,6-Trinitrotoluene						
1	15.338	15.291	0.047	48742	510.9	
26 4-Amino-2,6-dinitrotoluene						
1	15.895	15.838	0.057	37317	476.2	
6 2-Amino-4,6-dinitrotoluene						
1	16.865	16.801	0.064	41248	490.9	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
12 2,6-Dinitrotoluene						
1	18.375	18.308	0.067	29716	496.6	
23 2,4-Dinitrotoluene						
1	19.018	18.948	0.070	48292	488.8	
16 o-Nitrotoluene						
1	22.241	22.151	0.090	20772	489.4	
15 p-Nitrotoluene						
1	23.868	23.768	0.100	25267	475.8	
8 m-Nitrotoluene						
1	25.678	25.564	0.114	25008	480.8	
21 PETN						
2	27.608	27.491	0.117	19815	503.6	

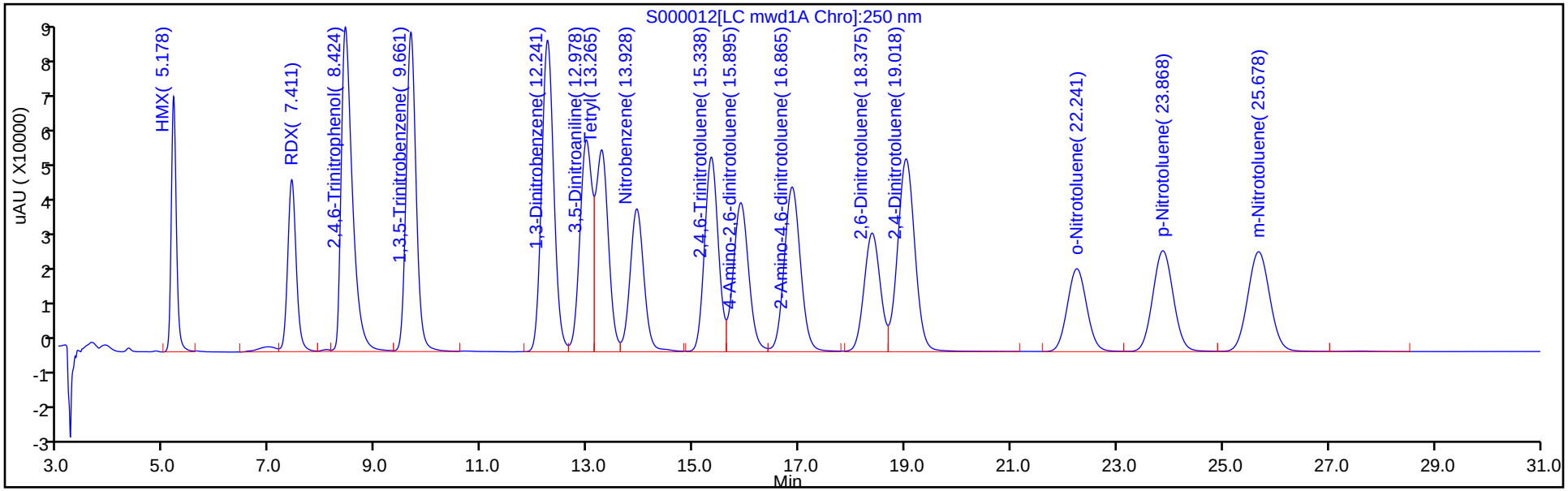
Report Date: 23-Apr-2013 12:51:44 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

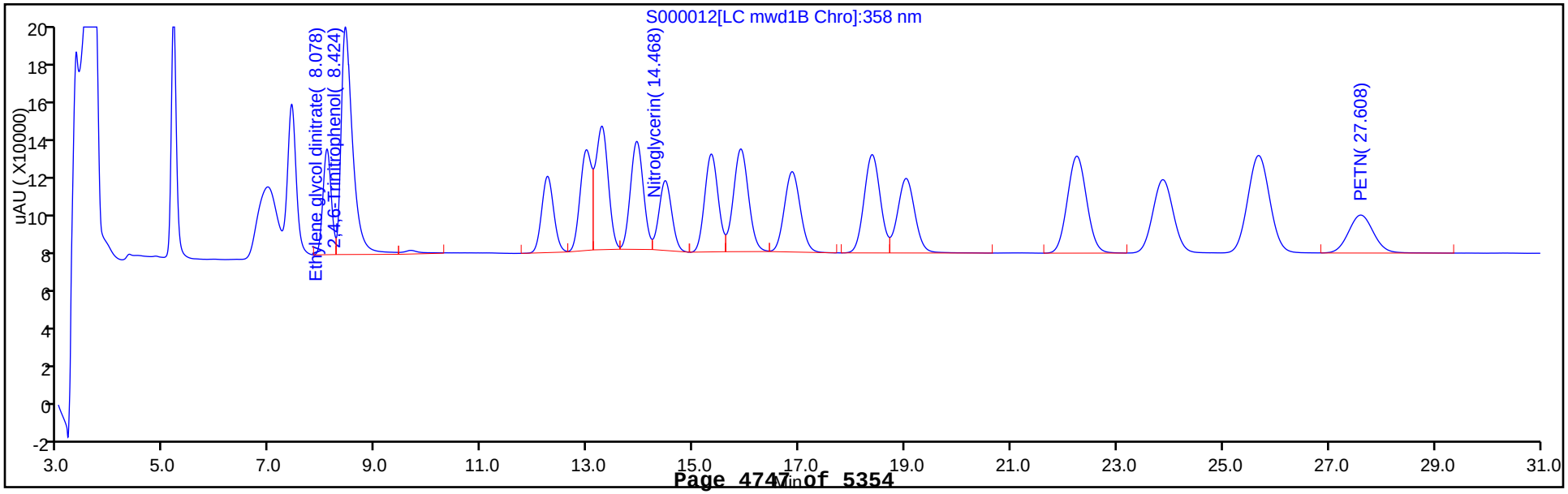
Data File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000012.D

Injection Date:	19-Apr-2013 17:18:19	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14686	Lims Sample ID:	11
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: LODV 320-14686/12 Calibration Date: 04/19/2013 18:02

Instrument ID: LC10 Calib Start Date: 04/19/2013 10:45

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 04/19/2013 15:51

Lab File ID: S000013.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	125.5	179.6		7.16	5.00	43.2	
RDX	Ave	90.99	149.8		8.23	5.00	64.6	
1,3,5-Trinitrobenzene	Ave	163.5	236.8		7.24	5.00	44.8	
1,3-Dinitrobenzene	Ave	162.2	235.2		7.25	5.00	45.0	
3,5-Dinitroaniline	Ave	103.6	152.4		7.35	5.00	47.1	
Tetryl	Ave	94.63	133.0		7.03	5.00	40.5	
Nitrobenzene	Ave	71.37	102.4		7.17	5.00	43.5	
Nitroglycerin	Ave	70.31	73.80		21.0	20.0	5.0	
2,4,6-Trinitrotoluene	Ave	95.40	135.6		7.11	5.00	42.1	
4-Amino-2,6-dinitrotoluene	Ave	78.37	115.4		7.36	5.00	47.3	
2-Amino-4,6-dinitrotoluene	Ave	84.03	121.0		7.20	5.00	44.0	
2,6-Dinitrotoluene	Ave	59.83	89.60		7.49	5.00	49.7	
2,4-Dinitrotoluene	Ave	98.79	144.4		7.31	5.00	46.2	
2-Nitrotoluene	Ave	42.45	60.60		7.14	5.00	42.8	
4-Nitrotoluene	Ave	53.10	76.20		7.18	5.00	43.5	
3-Nitrotoluene	Ave	52.01	77.80		7.48	5.00	49.6	
PETN	Ave	39.35	43.10		21.9	20.0	9.5	
3,4-Dinitrotoluene	Ave	57.22	56.50		19.7	20.0	-1.3	

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: LODV 320-14686/12 Calibration Date: 04/19/2013 18:02

Instrument ID: LC10 Calib Start Date: 04/19/2013 10:45

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 04/19/2013 15:51

Lab File ID: S000013.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	5.18	4.93	5.43
RDX	7.41	7.15	7.65
1,3,5-Trinitrobenzene	9.67	9.39	9.89
1,3-Dinitrobenzene	12.23	11.96	12.46
3,5-Dinitroaniline	12.98	12.69	13.19
Tetryl	13.26	12.97	13.47
Nitrobenzene	13.93	13.63	14.13
Nitroglycerin	14.45	14.17	14.67
2,4,6-Trinitrotoluene	15.32	15.04	15.54
4-Amino-2,6-dinitrotoluene	15.89	15.59	16.09
2-Amino-4,6-dinitrotoluene	16.84	16.55	17.05
2,6-Dinitrotoluene	18.36	18.06	18.56
2,4-Dinitrotoluene	19.03	18.70	19.20
2-Nitrotoluene	22.24	21.90	22.40
4-Nitrotoluene	23.88	23.52	24.02
3-Nitrotoluene	25.66	25.31	25.81
PETN	27.60	27.24	27.74
Ethylene glycol dinitrate			
Picric acid			
3,4-Dinitrotoluene	16.32	16.02	16.52

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000013.D
Lims ID: LODV 5-20ng/mL Client ID:
Inject. Date: 19-Apr-2013 18:02:05 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 320-0003998-012
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 10
Lims Batch ID: 14686 Lims Sample ID: 12

Method: \\SACChrom\ChromData\LC10\20130419-3998.b\8330_LC10.m
Last Update: 23-Apr-2013 12:51:40 Calib Date: 19-Apr-2013 15:51:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK035

First Level Reviewer: shafern Date: 22-Apr-2013 07:58:44

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.183	5.177	0.006	898	7.16	
19 RDX						
1	7.409	7.397	0.012	749	8.23	
27 1,3,5-Trinitrobenzene						
1	9.666	9.644	0.022	1184	7.24	
24 1,3-Dinitrobenzene						
1	12.233	12.211	0.022	1176	7.25	
9 3,5-Dinitroaniline						
1	12.976	12.941	0.035	762	7.35	
20 Tetryl						
1	13.256	13.221	0.035	665	7.03	
5 Nitrobenzene						M
1	13.926	13.884	0.042	512	7.17	M
7 Nitroglycerin						
2	14.449	14.418	0.031	1476	21.0	
25 2,4,6-Trinitrotoluene						
1	15.323	15.291	0.032	678	7.11	
26 4-Amino-2,6-dinitrotoluene						
1	15.893	15.838	0.055	577	7.36	
$ 30 3,4-Dinitrotoluene						
1	16.316	16.271	0.045	1130	19.7	
2	16.323	16.274	0.049	2131	19.9	
6 2-Amino-4,6-dinitrotoluene						
1	16.843	16.801	0.042	605	7.20	
12 2,6-Dinitrotoluene						
1	18.363	18.308	0.055	448	7.49	
23 2,4-Dinitrotoluene						
1	19.029	18.948	0.081	722	7.31	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
16 o-Nitrotoluene						M
1	22.243	22.151	0.092	303	7.14	M
15 p-Nitrotoluene						M
1	23.876	23.768	0.108	381	7.18	M
8 m-Nitrotoluene						
1	25.663	25.564	0.099	389	7.48	
21 PETN						
2	27.603	27.491	0.112	862	21.9	

QC Flag Legend

Review Flags
M - Manually Integrated

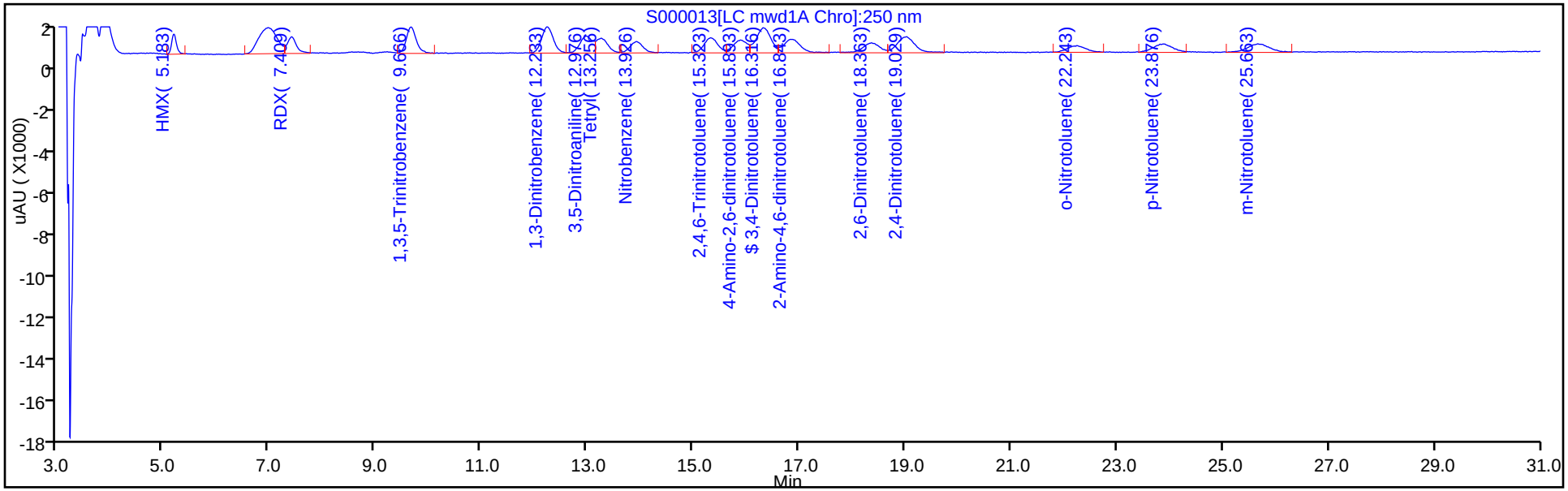
Report Date: 23-Apr-2013 12:51:46 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

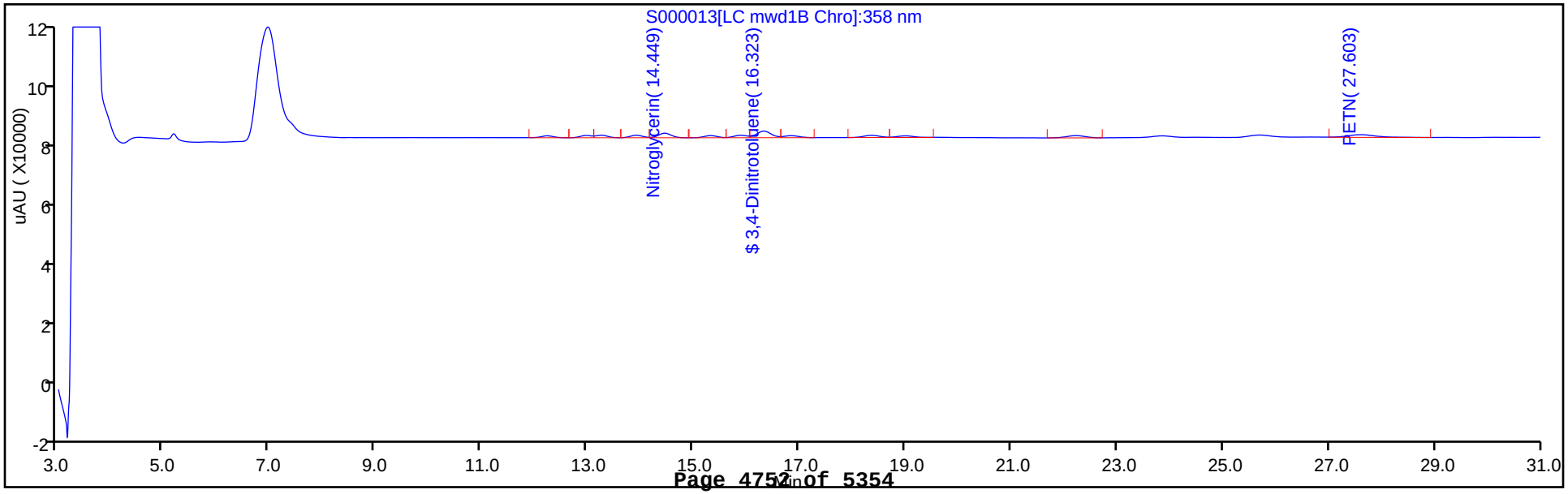
Data File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000013.D

Injection Date:	19-Apr-2013 18:02:05	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14686	Lims Sample ID:	12
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

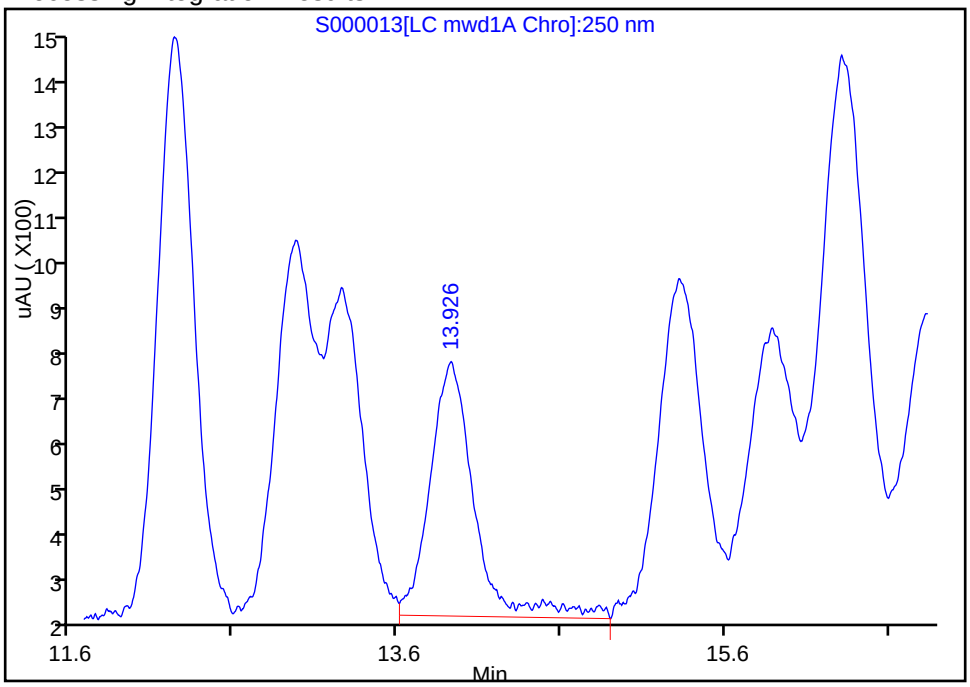
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000013.D		
Injection Date:	19-Apr-2013 18:02:05	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14686	Lims Sample ID:	12
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

5 Nitrobenzene, Signal: 1, Type: quant, RT: 13.88, Det: LC mwd1A

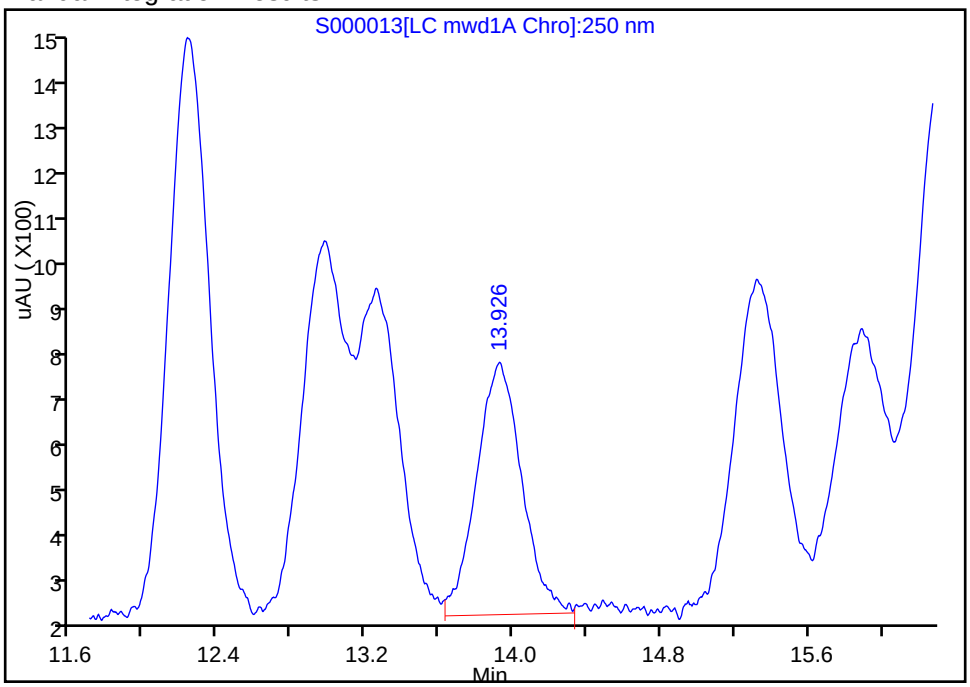
Processing Integration Results

RT: 13.93
Response: 516
Amount: 7.246537



Manual Integration Results

RT: 13.93
Response: 512
Amount: 7.173568



Reviewer: shafern, 22-Apr-2013 07:58:44
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

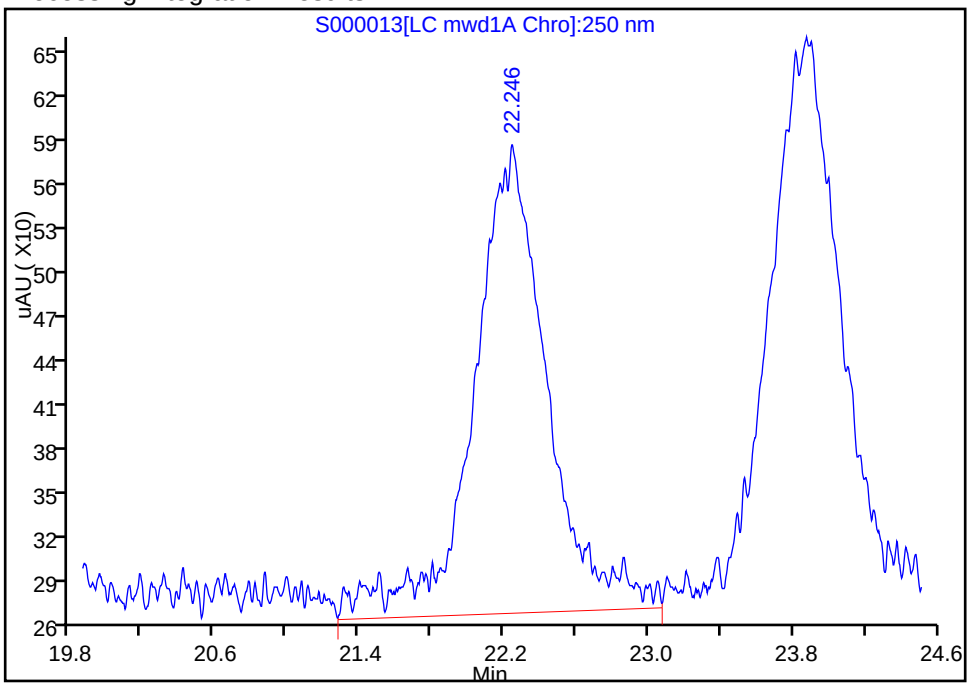
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000013.D		
Injection Date:	19-Apr-2013 18:02:05	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14686	Lims Sample ID:	12
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

16 o-Nitrotoluene, Signal: 1, Type: quant, RT: 22.15, Det: LC mwd1A

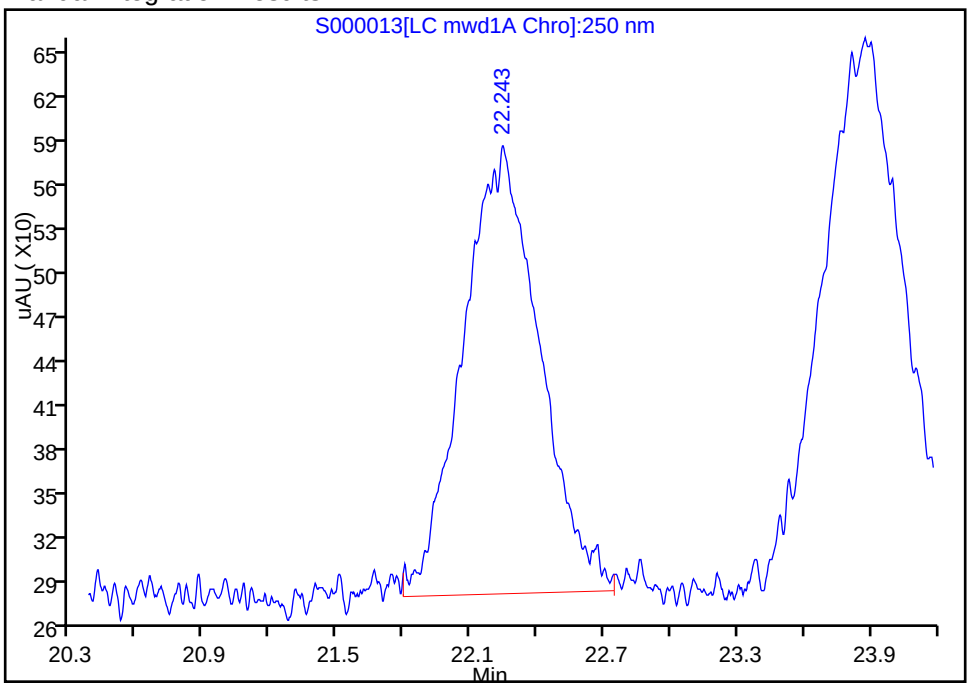
Processing Integration Results

RT: 22.25
Response: 317
Amount: 7.459250



Manual Integration Results

RT: 22.24
Response: 303
Amount: 7.138377



Reviewer: shafern, 22-Apr-2013 07:58:44
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

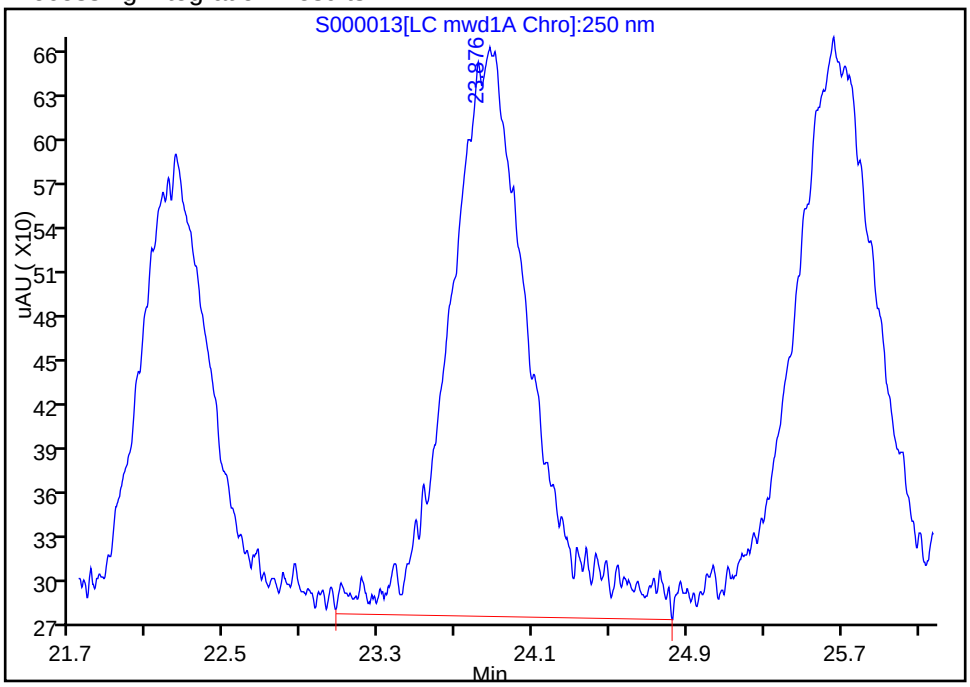
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000013.D		
Injection Date:	19-Apr-2013 18:02:05	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14686	Lims Sample ID:	12
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

15 p-Nitrotoluene, Signal: 1, Type: quant, RT: 23.77, Det: LC mwd1A

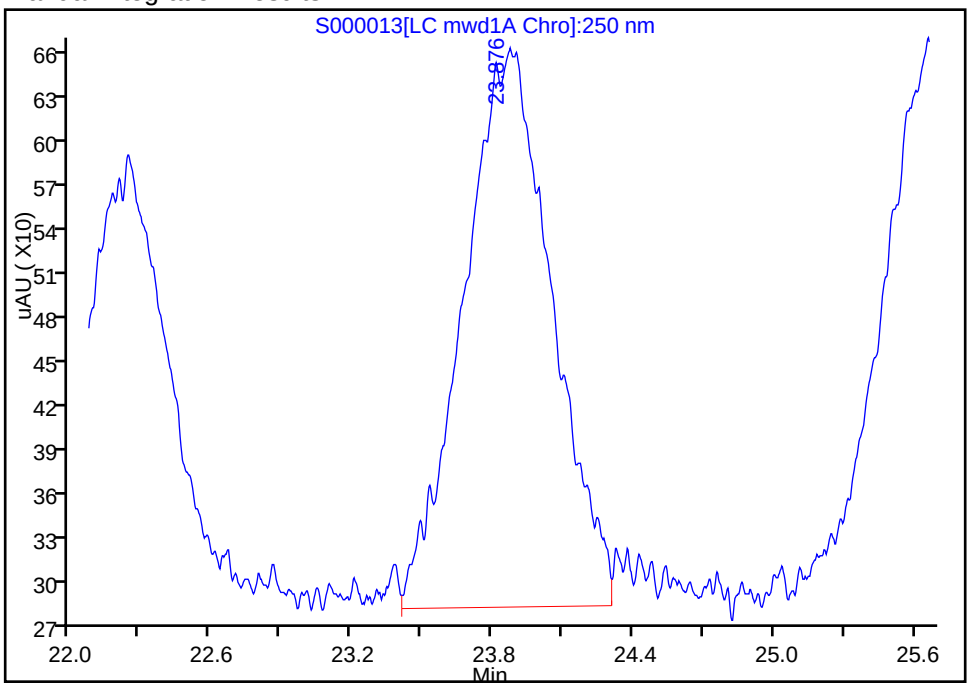
Processing Integration Results

RT: 23.88
Response: 388
Amount: 7.302901



Manual Integration Results

RT: 23.88
Response: 381
Amount: 7.175192



Reviewer: shafern, 22-Apr-2013 07:58:44
Audit Action: Manually Integrated
Audit Reason: Baseline

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 320-14706/11 Calibration Date: 04/20/2013 02:02

Instrument ID: LC10 Calib Start Date: 04/19/2013 10:45

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 04/19/2013 15:51

Lab File ID: S000024.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	125.5	126.3		101	100	0.7	20.0
RDX	Ave	90.99	87.74		96.4	100	-3.6	20.0
Ethylene glycol dinitrate	Ave	110.5	113.2		102	100	2.4	20.0
Picric acid	Ave	132.3	104.4		197	250	-21.1*	20.0
1,3,5-Trinitrobenzene	Ave	163.5	164.2		100	100	0.4	20.0
1,3-Dinitrobenzene	Ave	162.2	163.5		101	100	0.8	20.0
3,5-Dinitroaniline	Ave	103.6	104.1		100	100	0.5	20.0
Tetryl	Ave	94.63	93.01		98.3	100	-1.7	20.0
Nitrobenzene	Ave	71.37	72.11		101	100	1.0	20.0
Nitroglycerin	Ave	70.31	66.19		94.1	100	-5.9	20.0
2,4,6-Trinitrotoluene	Ave	95.40	94.19		98.7	100	-1.3	20.0
4-Amino-2,6-dinitrotoluene	Ave	78.37	77.67		99.1	100	-0.9	20.0
2-Amino-4,6-dinitrotoluene	Ave	84.03	83.52		99.4	100	-0.6	20.0
2,6-Dinitrotoluene	Ave	59.83	59.42		99.3	100	-0.7	20.0
2,4-Dinitrotoluene	Ave	98.79	98.24		99.4	100	-0.6	20.0
2-Nitrotoluene	Ave	42.45	41.86		98.6	100	-1.4	20.0
4-Nitrotoluene	Ave	53.10	52.63		99.1	100	-0.9	20.0
3-Nitrotoluene	Ave	52.01	51.91		99.8	100	-0.2	20.0
PETN	Ave	39.35	35.89		91.2	100	-8.8	20.0
3,4-Dinitrotoluene	Ave	57.22	54.84		95.8	100	-4.2	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 320-14706/11 Calibration Date: 04/20/2013 02:02

Instrument ID: LC10 Calib Start Date: 04/19/2013 10:45

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 04/19/2013 15:51

Lab File ID: S000024.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	5.18	4.93	5.43
RDX	7.41	7.16	7.66
Ethylene glycol dinitrate	8.08	7.83	8.33
Picric acid	8.49	8.24	8.74
1,3,5-Trinitrobenzene	9.66	9.41	9.91
1,3-Dinitrobenzene	12.25	12.00	12.50
3,5-Dinitroaniline	12.98	12.73	13.23
Tetryl	13.27	13.02	13.52
Nitrobenzene	13.93	13.68	14.18
Nitroglycerin	14.47	14.22	14.72
2,4,6-Trinitrotoluene	15.34	15.09	15.59
4-Amino-2,6-dinitrotoluene	15.91	15.66	16.16
2-Amino-4,6-dinitrotoluene	16.88	16.63	17.13
2,6-Dinitrotoluene	18.38	18.13	18.63
2,4-Dinitrotoluene	19.02	18.77	19.27
2-Nitrotoluene	22.24	21.99	22.49
4-Nitrotoluene	23.88	23.63	24.13
3-Nitrotoluene	25.68	25.43	25.93
PETN	27.61	27.36	27.86
3,4-Dinitrotoluene	16.34	16.09	16.59

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20130419-4003.b\S000024.D
Lims ID: CCV 05 Client ID:
Inject. Date: 20-Apr-2013 02:02:12 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 320-0004003-011
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 2
Lims Batch ID: 14706 Lims Sample ID: 11
Sublist: chrom-8330_LC10*sub1

Method: \\SACChrom\ChromData\LC10\20130419-4003.b\8330_LC10.m
Last Update: 22-Apr-2013 09:55:39 Calib Date: 19-Apr-2013 15:51:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK024

First Level Reviewer: shafern Date: 22-Apr-2013 08:11:48

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.183	5.183	0.0	12630	100.7	
19 RDX						
1	7.413	7.413	0.0	8774	96.4	
3 Ethylene glycol dinitrate						
2	8.076	8.076	0.0	11316	102.4	
10 2,4,6-Trinitrophenol						
2	8.493	8.493	0.0	26089	197.3	
1	8.493	8.493	0.0	18287	198.5	
27 1,3,5-Trinitrobenzene						
1	9.663	9.663	0.0	16418	100.4	
24 1,3-Dinitrobenzene						
1	12.247	12.247	0.0	16350	100.8	
9 3,5-Dinitroaniline						
1	12.983	12.983	0.0	10414	100.5	
20 Tetryl						
1	13.267	13.267	0.0	9301	98.3	
5 Nitrobenzene						
1	13.933	13.933	0.0	7211	101.0	
7 Nitroglycerin						
2	14.470	14.470	0.0	6619	94.1	
25 2,4,6-Trinitrotoluene						
1	15.340	15.340	0.0	9419	98.7	
26 4-Amino-2,6-dinitrotoluene						
1	15.907	15.907	0.0	7767	99.1	
$ 30 3,4-Dinitrotoluene						
1	16.340	16.340	0.0	5484	95.8	
2	16.343	16.343	0.0	10347	96.6	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	16.877	16.877	0.0	8352	99.4	
12 2,6-Dinitrotoluene						
1	18.377	18.377	0.0	5942	99.3	
23 2,4-Dinitrotoluene						
1	19.023	19.023	0.0	9824	99.4	
16 o-Nitrotoluene						
1	22.240	22.240	0.0	4186	98.6	
15 p-Nitrotoluene						
1	23.877	23.877	0.0	5263	99.1	
8 m-Nitrotoluene						
1	25.677	25.677	0.0	5191	99.8	
21 PETN						
2	27.607	27.607	0.0	3589	91.2	

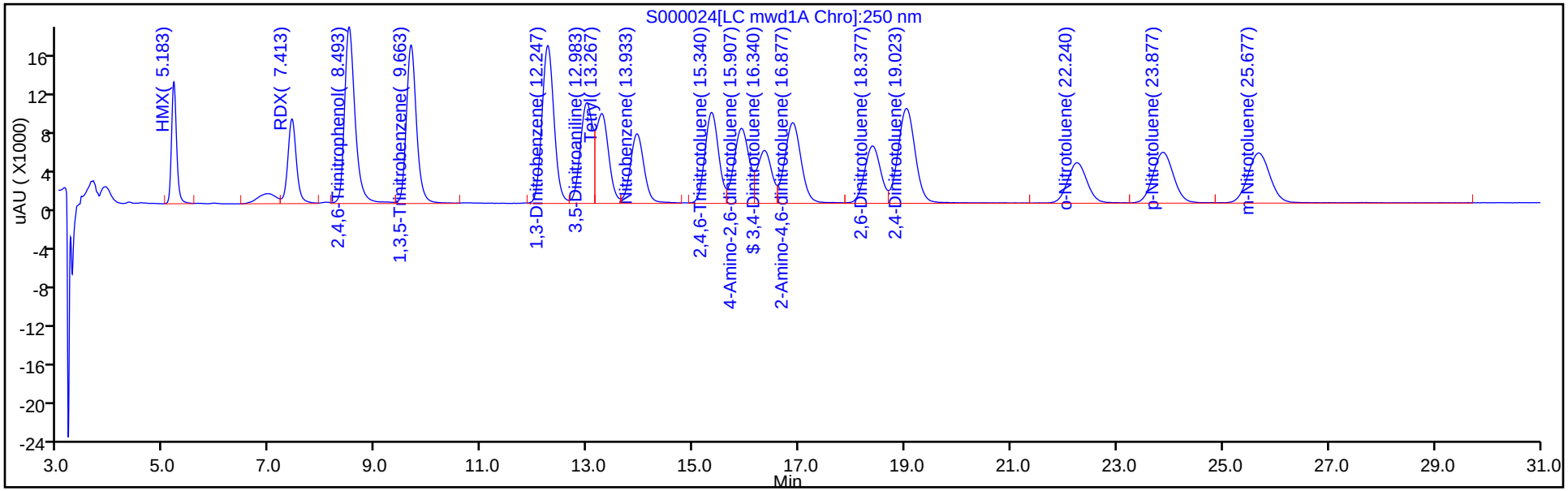
Report Date: 22-Apr-2013 09:55:40 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

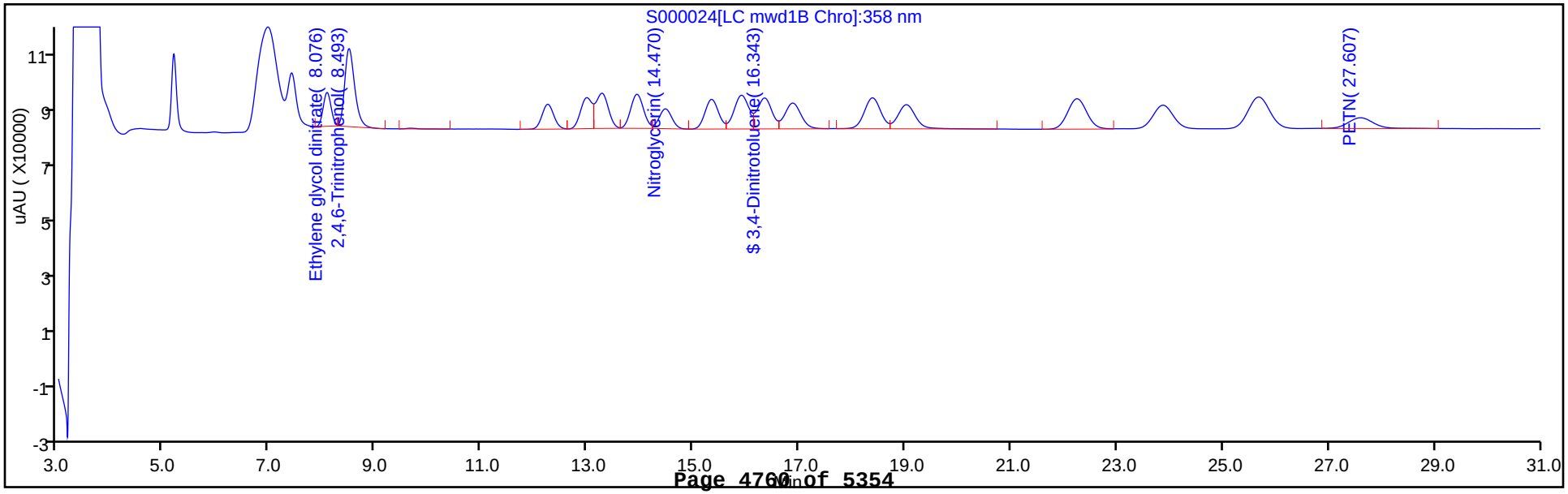
Data File: \\SACChrom\ChromData\LC10\20130419-4003.b\S000024.D

Injection Date:	20-Apr-2013 02:02:12	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14706	Lims Sample ID:	11
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 320-14706/22 Calibration Date: 04/20/2013 10:02

Instrument ID: LC10 Calib Start Date: 04/19/2013 10:45

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 04/19/2013 15:51

Lab File ID: S000035.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	125.5	126.6		101	100	0.9	20.0
RDX	Ave	90.99	87.49		96.1	100	-3.9	20.0
Ethylene glycol dinitrate	Ave	110.5	113.8		103	100	2.9	20.0
Picric acid	Ave	132.3	104.7		198	250	-20.8*	20.0
1,3,5-Trinitrobenzene	Ave	163.5	164.6		101	100	0.6	20.0
1,3-Dinitrobenzene	Ave	162.2	164.3		101	100	1.3	20.0
3,5-Dinitroaniline	Ave	103.6	104.5		101	100	0.9	20.0
Tetryl	Ave	94.63	93.12		98.4	100	-1.6	20.0
Nitrobenzene	Ave	71.37	70.95		99.4	100	-0.6	20.0
Nitroglycerin	Ave	70.31	68.10		96.9	100	-3.1	20.0
2,4,6-Trinitrotoluene	Ave	95.40	94.69		99.3	100	-0.7	20.0
4-Amino-2,6-dinitrotoluene	Ave	78.37	77.84		99.3	100	-0.7	20.0
2-Amino-4,6-dinitrotoluene	Ave	84.03	83.89		99.8	100	-0.2	20.0
2,6-Dinitrotoluene	Ave	59.83	59.40		99.3	100	-0.7	20.0
2,4-Dinitrotoluene	Ave	98.79	98.29		99.5	100	-0.5	20.0
2-Nitrotoluene	Ave	42.45	40.96		96.5	100	-3.5	20.0
4-Nitrotoluene	Ave	53.10	51.70		97.4	100	-2.6	20.0
3-Nitrotoluene	Ave	52.01	50.70		97.5	100	-2.5	20.0
PETN	Ave	39.35	36.71		93.3	100	-6.7	20.0
3,4-Dinitrotoluene	Ave	57.22	55.13		96.4	100	-3.6	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 320-14706/22 Calibration Date: 04/20/2013 10:02

Instrument ID: LC10 Calib Start Date: 04/19/2013 10:45

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 04/19/2013 15:51

Lab File ID: S000035.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	5.18	4.93	5.43
RDX	7.41	7.16	7.66
Ethylene glycol dinitrate	8.08	7.83	8.33
Picric acid	8.49	8.24	8.74
1,3,5-Trinitrobenzene	9.66	9.41	9.91
1,3-Dinitrobenzene	12.23	11.98	12.48
3,5-Dinitroaniline	12.96	12.71	13.21
Tetryl	13.25	13.00	13.50
Nitrobenzene	13.91	13.66	14.16
Nitroglycerin	14.45	14.20	14.70
2,4,6-Trinitrotoluene	15.32	15.07	15.57
4-Amino-2,6-dinitrotoluene	15.88	15.63	16.13
2-Amino-4,6-dinitrotoluene	16.85	16.60	17.10
2,6-Dinitrotoluene	18.36	18.11	18.61
2,4-Dinitrotoluene	19.00	18.75	19.25
2-Nitrotoluene	22.21	21.96	22.46
4-Nitrotoluene	23.84	23.59	24.09
3-Nitrotoluene	25.64	25.39	25.89
PETN	27.55	27.30	27.80
3,4-Dinitrotoluene	16.31	16.06	16.56

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20130419-4003.b\S000035.D
Lims ID: CCV 05 Client ID:
Inject. Date: 20-Apr-2013 10:02:33 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 320-0004003-022
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 2
Lims Batch ID: 14706 Lims Sample ID: 22
Sublist: chrom-8330_LC10*sub1

Method: \\SACChrom\ChromData\LC10\20130419-4003.b\8330_LC10.m
Last Update: 22-Apr-2013 09:55:32 Calib Date: 19-Apr-2013 15:51:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK024

First Level Reviewer: shafern Date: 22-Apr-2013 08:26:40

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.180	5.180	0.0	12657	100.9	
19 RDX						
1	7.410	7.410	0.0	8749	96.1	
3 Ethylene glycol dinitrate						
2	8.077	8.077	0.0	11376	102.9	
10 2,4,6-Trinitrophenol						
2	8.490	8.490	0.0	26174	197.9	
1	8.490	8.490	0.0	18287	198.5	
27 1,3,5-Trinitrobenzene						
1	9.660	9.660	0.0	16459	100.6	
24 1,3-Dinitrobenzene						
1	12.234	12.234	0.0	16429	101.3	
9 3,5-Dinitroaniline						
1	12.964	12.964	0.0	10452	100.9	
20 Tetryl						
1	13.250	13.250	0.0	9312	98.4	
5 Nitrobenzene						
1	13.914	13.914	0.0	7095	99.4	
7 Nitroglycerin						
2	14.450	14.450	0.0	6810	96.9	
25 2,4,6-Trinitrotoluene						
1	15.324	15.324	0.0	9469	99.3	
26 4-Amino-2,6-dinitrotoluene						
1	15.884	15.884	0.0	7784	99.3	
$ 30 3,4-Dinitrotoluene						
1	16.314	16.314	0.0	5513	96.4	
2	16.317	16.317	0.0	10460	97.6	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	16.850	16.850	0.0	8389	99.8	
12 2,6-Dinitrotoluene						
1	18.357	18.357	0.0	5940	99.3	
23 2,4-Dinitrotoluene						
1	18.997	18.997	0.0	9829	99.5	
16 o-Nitrotoluene						
1	22.214	22.214	0.0	4096	96.5	
15 p-Nitrotoluene						
1	23.837	23.837	0.0	5170	97.4	
8 m-Nitrotoluene						
1	25.640	25.640	0.0	5070	97.5	
21 PETN						
2	27.547	27.547	0.0	3671	93.3	

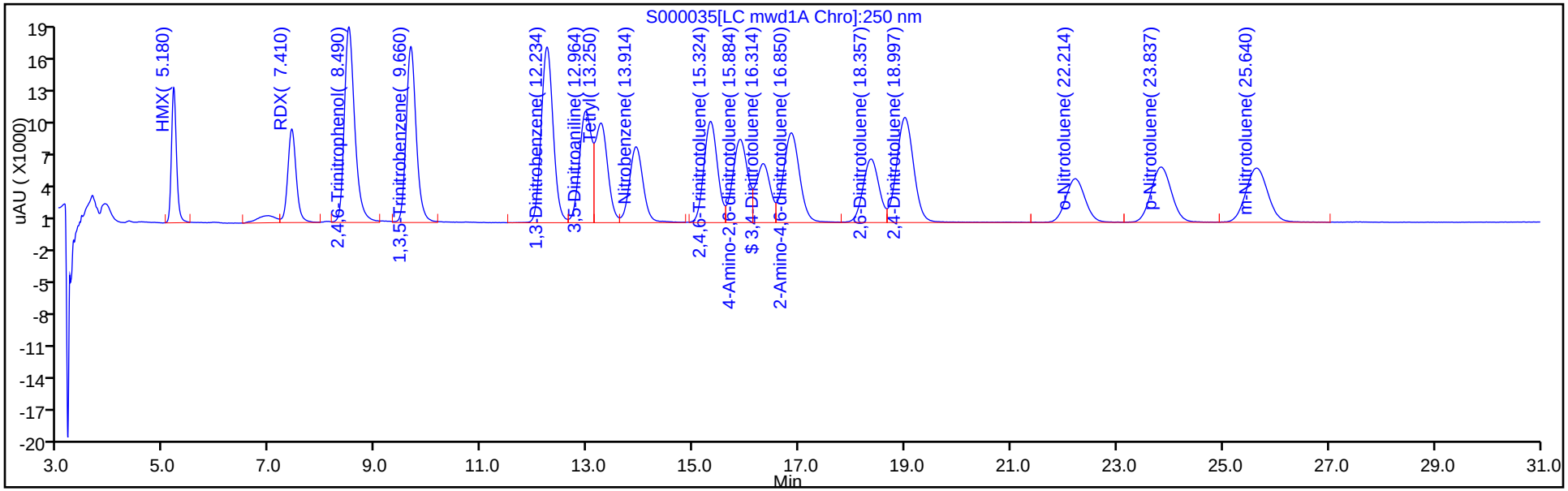
Report Date: 22-Apr-2013 09:55:33 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

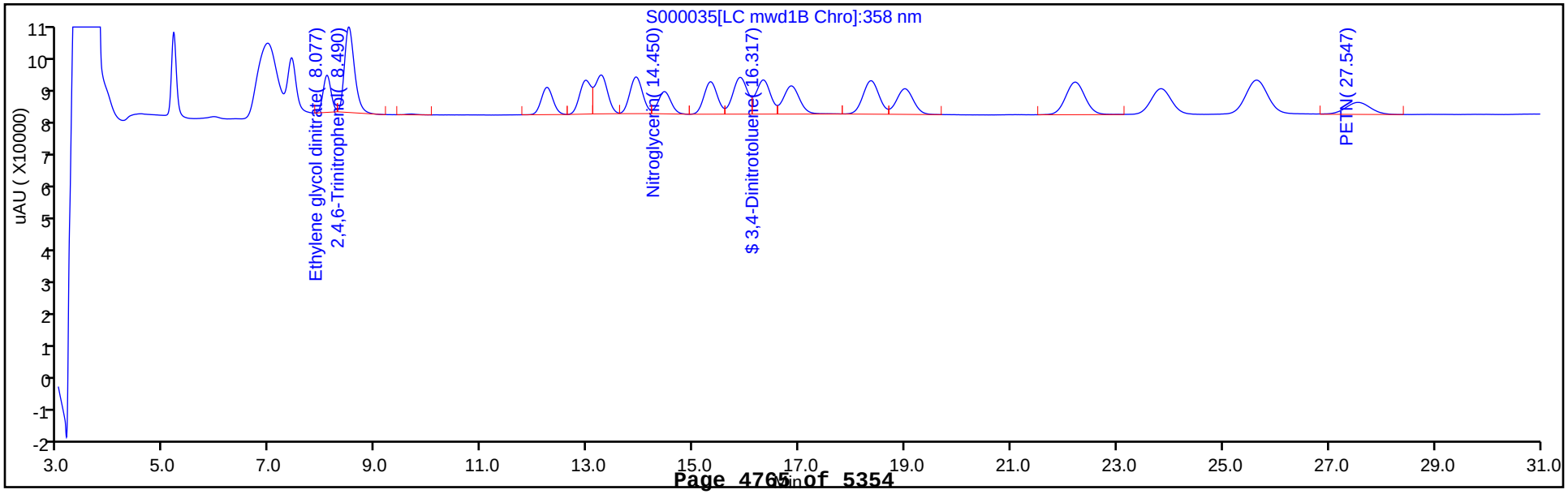
Data File: \\SACChrom\ChromData\LC10\20130419-4003.b\S000035.D

Injection Date:	20-Apr-2013 10:02:33	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14706	Lims Sample ID:	22
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCVL 320-14706/33 Calibration Date: 04/20/2013 18:03

Instrument ID: LC10 Calib Start Date: 04/19/2013 10:45

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 04/19/2013 15:51

Lab File ID: S000046.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	125.5	177.2		7.06	5.00	41.2*	30.0
RDX	Ave	90.99	147.6		8.11	5.00	62.2*	30.0
1,3,5-Trinitrobenzene	Ave	163.5	234.8		7.18	5.00	43.6*	30.0
1,3-Dinitrobenzene	Ave	162.2	237.8		7.33	5.00	46.6*	30.0
3,5-Dinitroaniline	Ave	103.6	152.8		7.37	5.00	47.4*	30.0
Tetryl	Ave	94.63	136.2		7.20	5.00	43.9*	30.0
Nitrobenzene	Ave	71.37	104.2		7.30	5.00	46.0*	30.0
Nitroglycerin	Ave	70.31	81.20		23.1	20.0	15.5	30.0
2,4,6-Trinitrotoluene	Ave	95.40	139.0		7.29	5.00	45.7*	30.0
4-Amino-2,6-dinitrotoluene	Ave	78.37	115.8		7.39	5.00	47.8*	30.0
2-Amino-4,6-dinitrotoluene	Ave	84.03	124.4		7.40	5.00	48.1*	30.0
2,6-Dinitrotoluene	Ave	59.83	87.80		7.34	5.00	46.7*	30.0
2,4-Dinitrotoluene	Ave	98.79	142.6		7.22	5.00	44.3*	30.0
2-Nitrotoluene	Ave	42.45	62.20		7.33	5.00	46.5*	30.0
4-Nitrotoluene	Ave	53.10	73.40		6.91	5.00	38.2*	30.0
3-Nitrotoluene	Ave	52.01	74.40		7.15	5.00	43.0*	30.0
PETN	Ave	39.35	39.90		20.3	20.0	1.4	30.0
3,4-Dinitrotoluene	Ave	57.22	57.05		19.9	20.0	-0.3	30.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCVL 320-14706/33 Calibration Date: 04/20/2013 18:03

Instrument ID: LC10 Calib Start Date: 04/19/2013 10:45

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 04/19/2013 15:51

Lab File ID: S000046.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	5.18	4.93	5.43
RDX	7.40	7.15	7.65
1,3,5-Trinitrobenzene	9.65	9.40	9.90
1,3-Dinitrobenzene	12.23	11.98	12.48
3,5-Dinitroaniline	12.95	12.70	13.20
Tetryl	13.21	12.96	13.46
Nitrobenzene	13.88	13.63	14.13
Nitroglycerin	14.42	14.17	14.67
2,4,6-Trinitrotoluene	15.29	15.04	15.54
4-Amino-2,6-dinitrotoluene	15.84	15.59	16.09
2-Amino-4,6-dinitrotoluene	16.81	16.56	17.06
2,6-Dinitrotoluene	18.31	18.06	18.56
2,4-Dinitrotoluene	18.96	18.71	19.21
2-Nitrotoluene	22.13	21.88	22.38
4-Nitrotoluene	23.73	23.48	23.98
3-Nitrotoluene	25.56	25.31	25.81
PETN	27.49	27.24	27.74
3,4-Dinitrotoluene	16.28	16.03	16.53

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20130419-4003.b\S000046.D
Lims ID: CCVL Client ID:
Inject. Date: 20-Apr-2013 18:03:09 Dil. Factor: 1.0000
Sample Type: CCVL
Sample ID: 320-0004003-033
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 7
Lims Batch ID: 14706 Lims Sample ID: 33
Sublist: chrom-8330_LC10*sub2

Method: \\SACChrom\ChromData\LC10\20130419-4003.b\8330_LC10.m
Last Update: 22-Apr-2013 09:55:25 Calib Date: 19-Apr-2013 15:51:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK024

First Level Reviewer: shafern Date: 22-Apr-2013 09:04:12

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.181	5.181	0.0	886	7.06	
19 RDX						
1	7.397	7.397	0.0	738	8.11	
27 1,3,5-Trinitrobenzene						
1	9.651	9.651	0.0	1174	7.18	
24 1,3-Dinitrobenzene						
1	12.227	12.227	0.0	1189	7.33	
9 3,5-Dinitroaniline						
1	12.954	12.954	0.0	764	7.37	
20 Tetryl						
1	13.211	13.211	0.0	681	7.20	
5 Nitrobenzene						
1	13.884	13.884	0.0	521	7.30	
7 Nitroglycerin						
2	14.424	14.424	0.0	1624	23.1	
25 2,4,6-Trinitrotoluene						
1	15.294	15.294	0.0	695	7.29	
26 4-Amino-2,6-dinitrotoluene						
1	15.841	15.841	0.0	579	7.39	
$ 30 3,4-Dinitrotoluene						
1	16.281	16.281	0.0	1141	19.9	
2	16.284	16.284	0.0	2309	21.5	
6 2-Amino-4,6-dinitrotoluene						
1	16.807	16.807	0.0	622	7.40	
12 2,6-Dinitrotoluene						
1	18.314	18.314	0.0	439	7.34	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
23 2,4-Dinitrotoluene						
1	18.957	18.957	0.0	713	7.22	
16 o-Nitrotoluene						
1	22.131	22.131	0.0	311	7.33	
15 p-Nitrotoluene						M
1	23.731	23.731	0.0	367	6.91	M
8 m-Nitrotoluene						M
1	25.557	25.557	0.0	372	7.15	M
21 PETN						
2	27.491	27.491	0.0	798	20.3	

QC Flag Legend

Review Flags
M - Manually Integrated

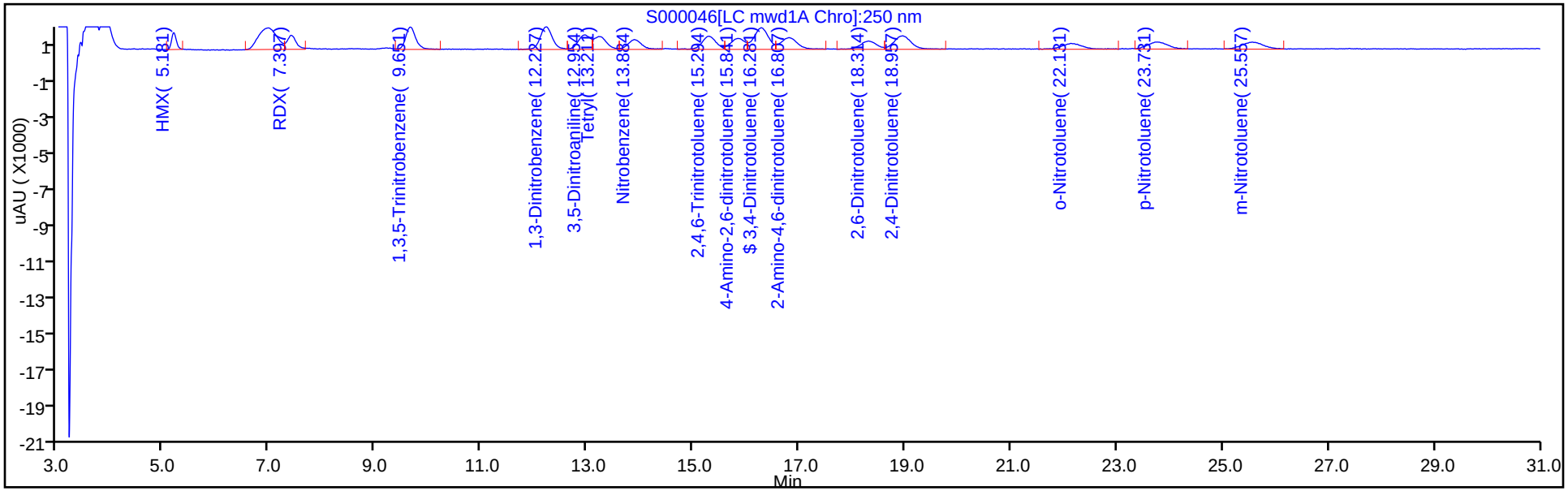
Report Date: 22-Apr-2013 09:55:25 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

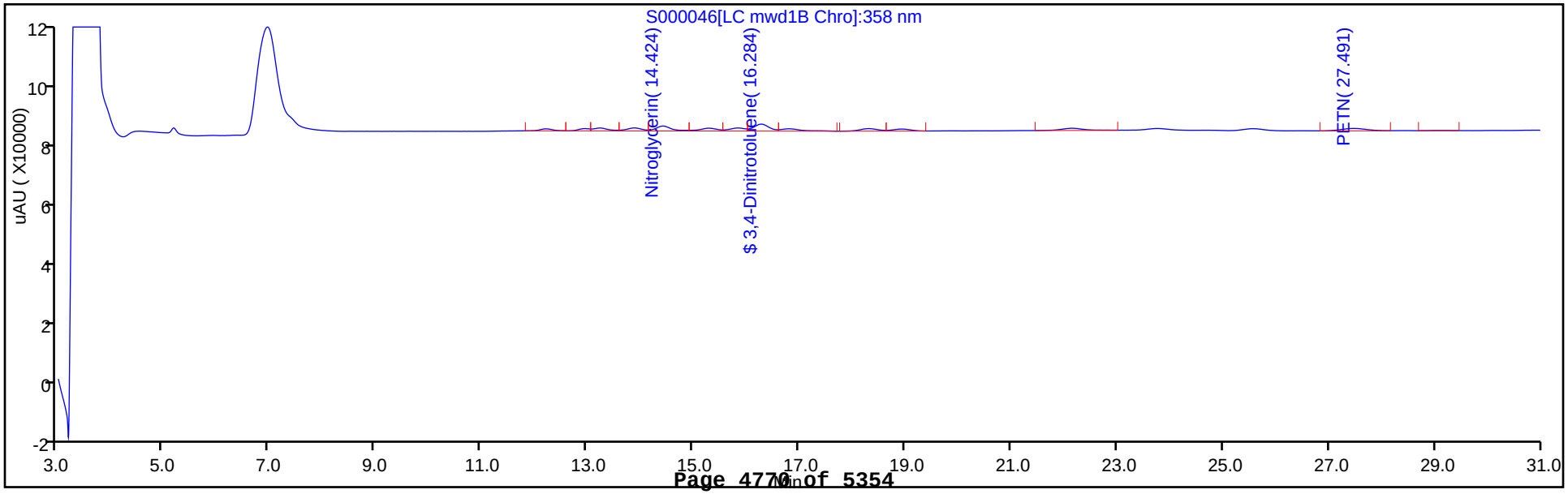
Data File: \\SACChrom\ChromData\LC10\20130419-4003.b\S000046.D

Injection Date:	20-Apr-2013 18:03:09	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14706	Lims Sample ID:	33
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

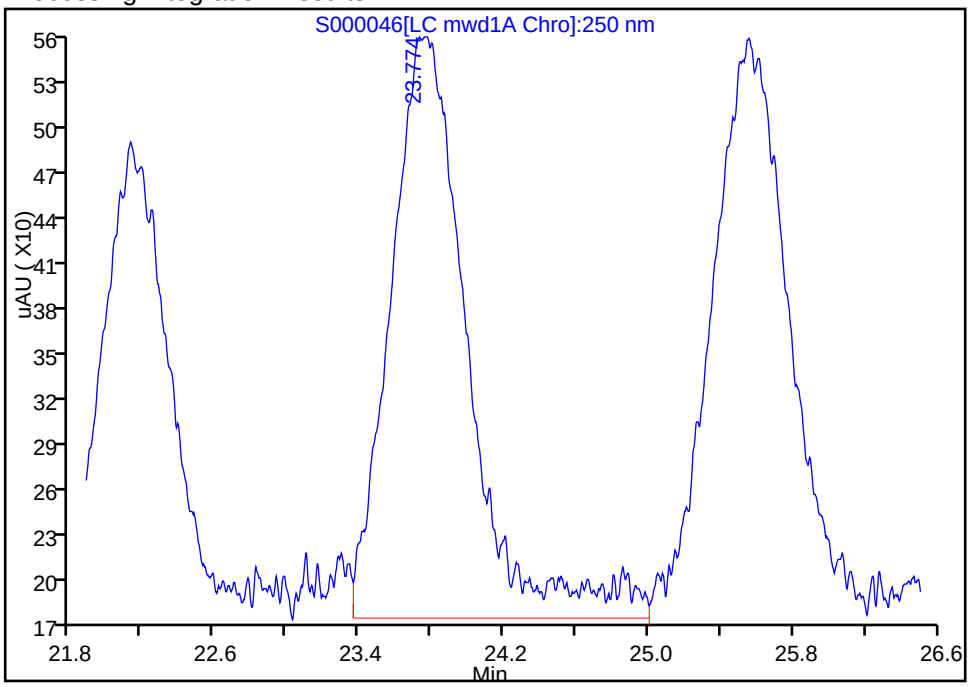
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC10\20130419-4003.b\S000046.D		
Injection Date:	20-Apr-2013 18:03:09	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14706	Lims Sample ID:	33
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

15 p-Nitrotoluene, Signal: 1, Type: quant, RT: 23.73, Det: LC mwd1A

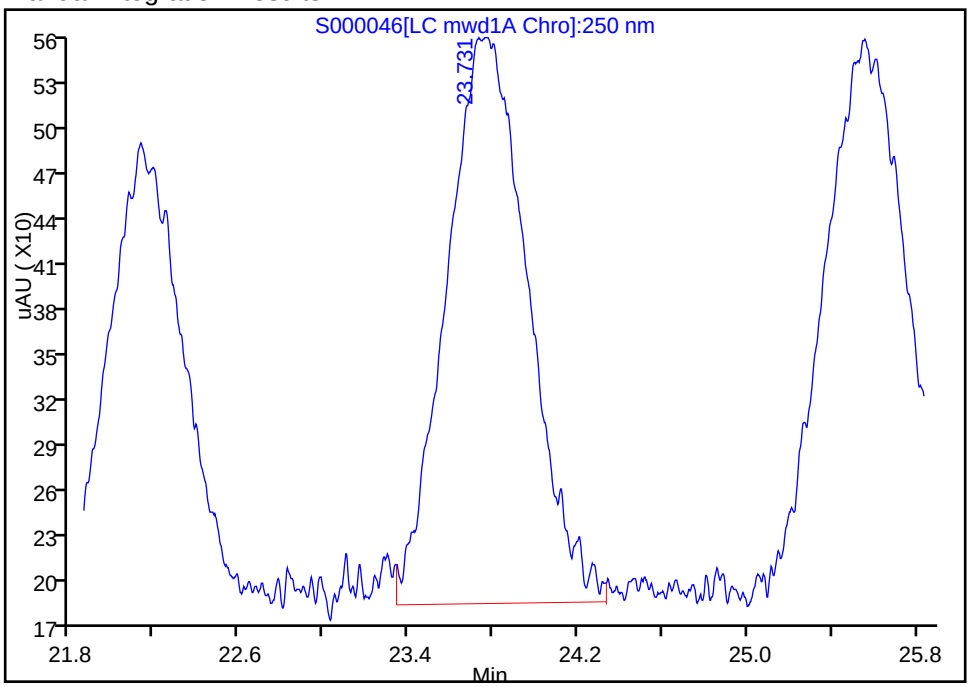
Processing Integration Results

RT: 23.77
Response: 376
Amount: 7.077038



Manual Integration Results

RT: 23.73
Response: 367
Amount: 6.911537



Reviewer: shafern, 22-Apr-2013 09:05:24
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

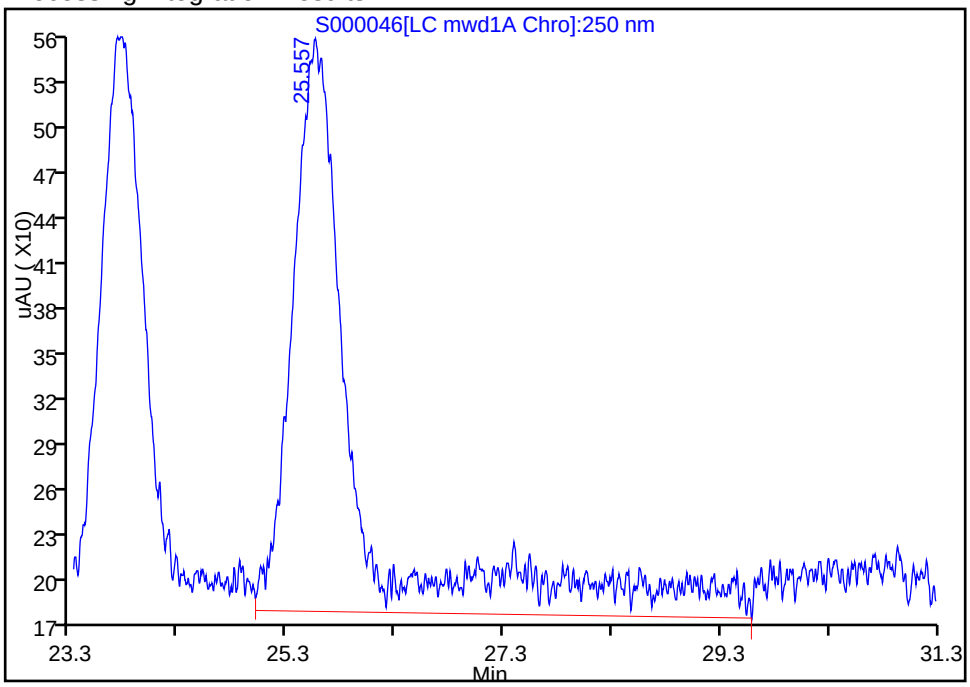
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC10\20130419-4003.b\S000046.D		
Injection Date:	20-Apr-2013 18:03:09	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14706	Lims Sample ID:	33
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

8 m-Nitrotoluene, Signal: 1, Type: quant, RT: 25.56, Det: LC mwd1A

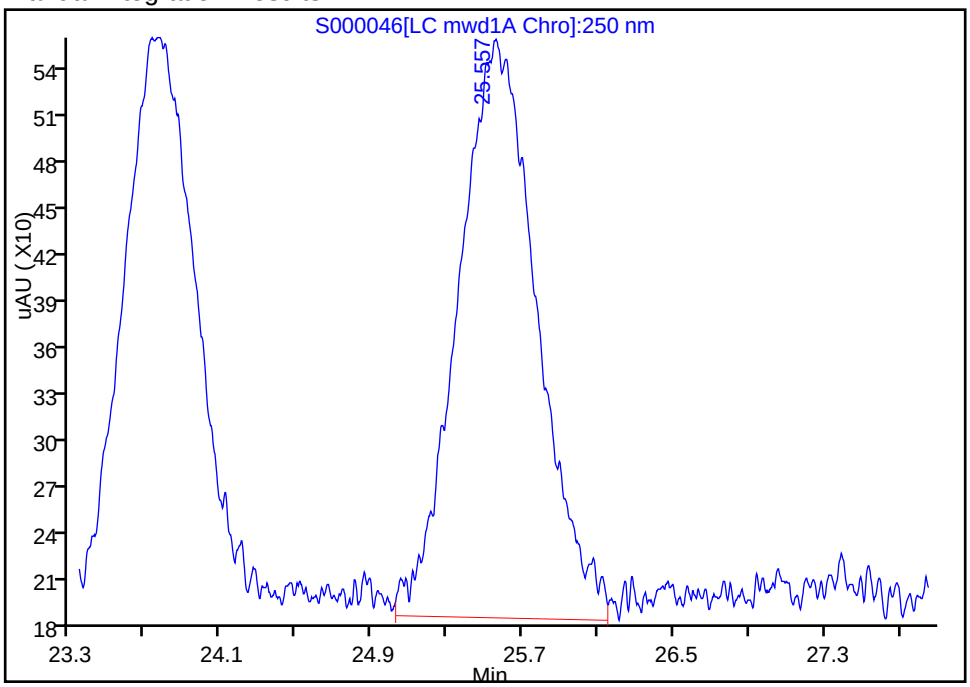
Processing Integration Results

RT: 25.56
Response: 376
Amount: 7.230829



Manual Integration Results

RT: 25.56
Response: 372
Amount: 7.152178



Reviewer: shafern, 22-Apr-2013 09:05:24
Audit Action: Manually Integrated
Audit Reason: Baseline

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: LODV 320-1385/11 Calibration Date: 04/30/2012 23:25

Instrument ID: LC11 Calib Start Date: 04/30/2012 14:52

GC Column: ID: Calib End Date: 04/30/2012 21:31

Lab File ID: M-011.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	94.21	98.20		5.21	5.00	4.2	
RDX	Ave	94.00	104.4		5.55	5.00	11.1	
1,3,5-Trinitrobenzene	Ave	215.4	228.0		5.29	5.00	5.8	
Picric acid	Ave	189.5	248.9		13.1	10.0	31.3	
1,3-Dinitrobenzene	Ave	228.7	234.4		5.13	5.00	2.5	
3,5-Dinitroaniline	Ave	150.4	155.4		5.16	5.00	3.3	
Nitrobenzene	Ave	98.42	98.60		5.01	5.00	0.2	
Tetryl	Ave	122.8	121.4		4.94	5.00	-1.1	
Nitroglycerin	Ave	90.04	84.60		4.70	5.00	-6.0	
2,4,6-Trinitrotoluene	Ave	129.9	128.6		4.95	5.00	-1.0	
4-Amino-2,6-dinitrotoluene	Ave	104.3	106.2		5.09	5.00	1.8	
2-Amino-4,6-dinitrotoluene	Ave	115.7	120.8		5.22	5.00	4.4	
2,6-Dinitrotoluene	Ave	79.69	83.20		5.22	5.00	4.4	
2,4-Dinitrotoluene	Ave	130.5	133.0		5.09	5.00	1.9	
2-Nitrotoluene	Ave	51.81	49.00		4.73	5.00	-5.4	
4-Nitrotoluene	Ave	66.41	66.40		5.00	5.00	-0.0	
3-Nitrotoluene	Ave	65.43	67.40		5.15	5.00	3.0	
PETN	Ave	51.32	45.40		4.42	5.00	-11.5	
Ethylene glycol dinitrate	None				0.500	5.00	-100.0	
3,4-Dinitrotoluene	Ave	69.81	72.60		5.20	5.00	4.0	

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: LODV 320-1385/11 Calibration Date: 04/30/2012 23:25

Instrument ID: LC11 Calib Start Date: 04/30/2012 14:52

GC Column: ID: Calib End Date: 04/30/2012 21:31

Lab File ID: M-011.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	20.38	20.16	20.66
RDX	23.63	23.40	23.90
1,3,5-Trinitrobenzene	25.58	25.35	25.85
Picric acid	25.93	25.67	26.17
1,3-Dinitrobenzene	28.30	28.07	28.57
3,5-Dinitroaniline	29.42	29.20	29.70
Nitrobenzene	29.91	29.67	30.17
Tetryl	30.22	30.00	30.50
Nitroglycerin	30.69	30.49	30.99
2,4,6-Trinitrotoluene	31.43	31.23	31.73
4-Amino-2,6-dinitrotoluene	32.41	32.21	32.71
2-Amino-4,6-dinitrotoluene	33.11	32.90	33.40
2,6-Dinitrotoluene	34.33	34.12	34.62
2,4-Dinitrotoluene	34.72	34.51	35.01
2-Nitrotoluene	37.59	37.40	37.90
4-Nitrotoluene	38.80	38.62	39.12
3-Nitrotoluene	40.31	40.11	40.61
PETN	40.94	40.77	41.27
Ethylene glycol dinitrate			
3,4-Dinitrotoluene	32.76	32.56	33.06

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC11\20120531-303.b\M-011.D
Lims ID: LODV 5ng/mL Client ID:
Inject. Date: 30-Apr-2012 23:25:29 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: STD_01 HP8330L1_00001 5 ng/mL;2;
Misc. Info.:
Operator: RN Instrument ID: LC11
Injection Vol: 500.0 ul ALS Bottle#: 11
Lims Batch ID: 1385 Lims Sample ID: 11

Method: \\SACChrom\ChromData\LC11\20120531-303.b\8330 Metab LC11.m
Last Update: 18-Sep-2012 15:38:25 Calib Date: 30-Apr-2012 21:31:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC11\20120531-303.b\M-009.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK014

First Level Reviewer: noonanr Date: 04-Jun-2012 09:29:48

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	20.378	20.410	-0.032	491	5.21	
19 RDX						
1	23.625	23.647	-0.022	522	5.55	
27 1,3,5-Trinitrobenzene						
1	25.578	25.600	-0.022	1140	5.29	
10 2,4,6-Trinitrophenol						M
2	25.931	25.923	0.008	2489	13.1	M
1	25.938	25.923	0.015	1309	10.6	
24 1,3-Dinitrobenzene						
1	28.298	28.323	-0.025	1172	5.13	
9 3,5-Dinitroaniline						
1	29.415	29.453	-0.038	777	5.16	
5 Nitrobenzene						
1	29.905	29.920	-0.015	493	5.01	
20 Tetryl						
1	30.215	30.250	-0.035	607	4.94	
7 Nitroglycerin						
2	30.688	30.743	-0.055	423	4.70	
25 2,4,6-Trinitrotoluene						
1	31.431	31.477	-0.046	643	4.95	
26 4-Amino-2,6-dinitrotoluene						
1	32.411	32.457	-0.046	531	5.09	
$ 30 3,4-Dinitrotoluene						
1	32.755	32.810	-0.055	363	5.20	
2	32.761	32.807	-0.046	663	5.14	
6 2-Amino-4,6-dinitrotoluene						
1	33.105	33.147	-0.042	604	5.22	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
12 2,6-Dinitrotoluene						
1	34.328	34.373	-0.045	416	5.22	
23 2,4-Dinitrotoluene						
1	34.715	34.760	-0.045	665	5.09	
16 o-Nitrotoluene						
1	37.591	37.646	-0.055	245	4.73	
15 p-Nitrotoluene						
1	38.795	38.866	-0.071	332	5.00	
8 m-Nitrotoluene						
1	40.308	40.356	-0.048	337	5.15	
21 PETN						
2	40.935	41.016	-0.081	227	4.42	

QC Flag Legend

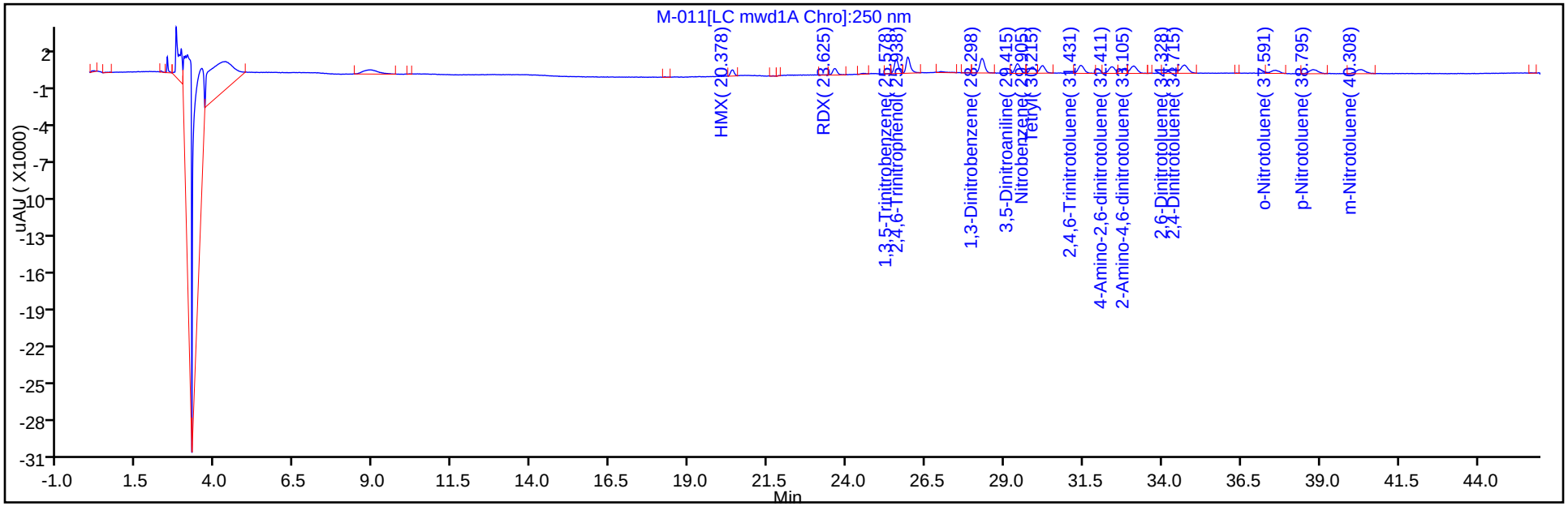
Review Flags
M - Manually Integrated

Report Date: 18-Sep-2012 15:38:38 Chrom Revision: 2.1 16-Sep-2012 09:37:06

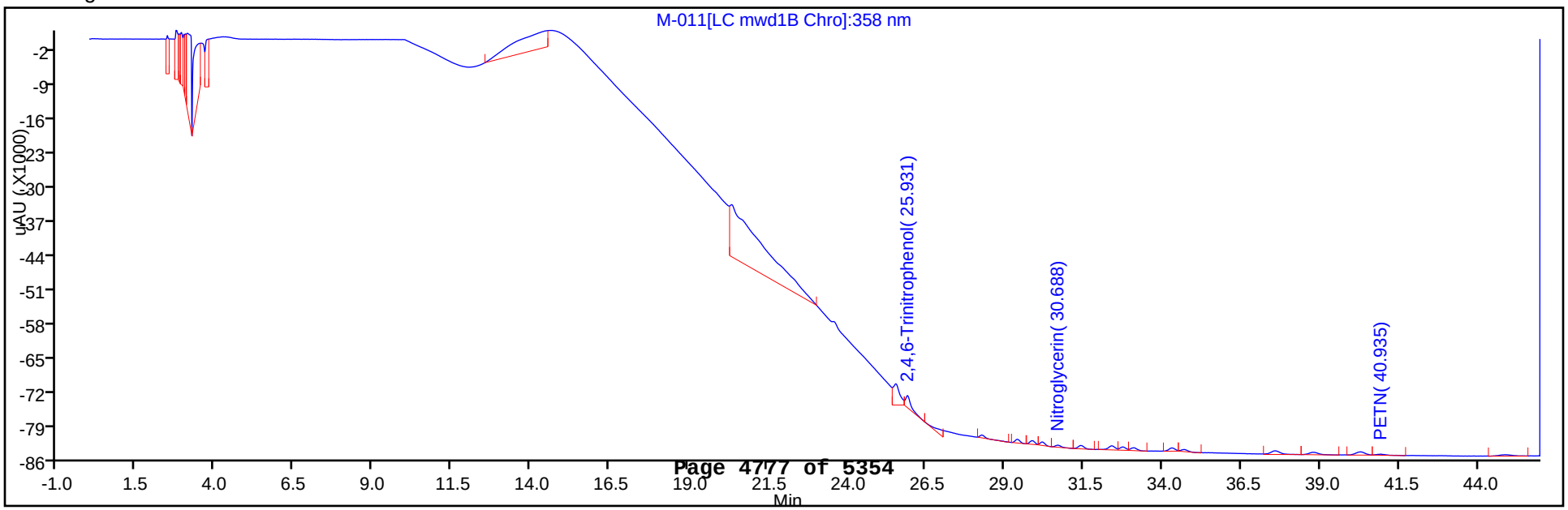
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC11\20120531-303.b\M-011.D		
Injection Date:	30-Apr-2012 23:25:29	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC11
Lims Batch ID:	1385	Lims Sample ID:	11
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Y Scaling:



Manual Integration/User Assign Peak Report

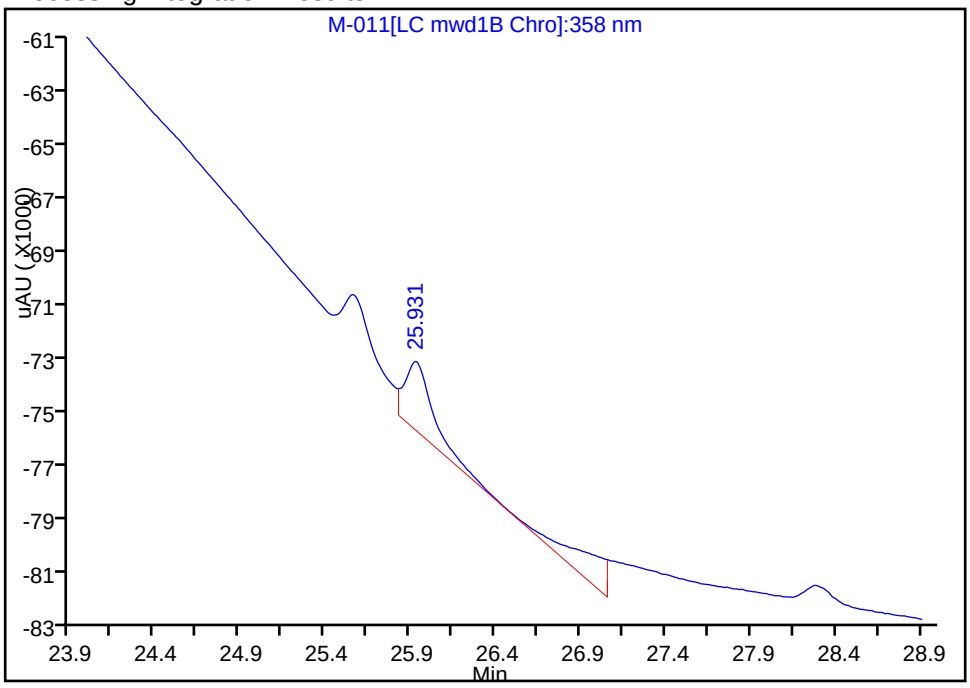
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC11\20120531-303.b\M-011.D		
Injection Date:	30-Apr-2012 23:25:29	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC11
Lims Batch ID:	1385	Lims Sample ID:	11
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:		Column Dia:	

10 2,4,6-Trinitrophenol, Signal: 1, Type: quant, RT: 25.92, Det: LC mwd1B

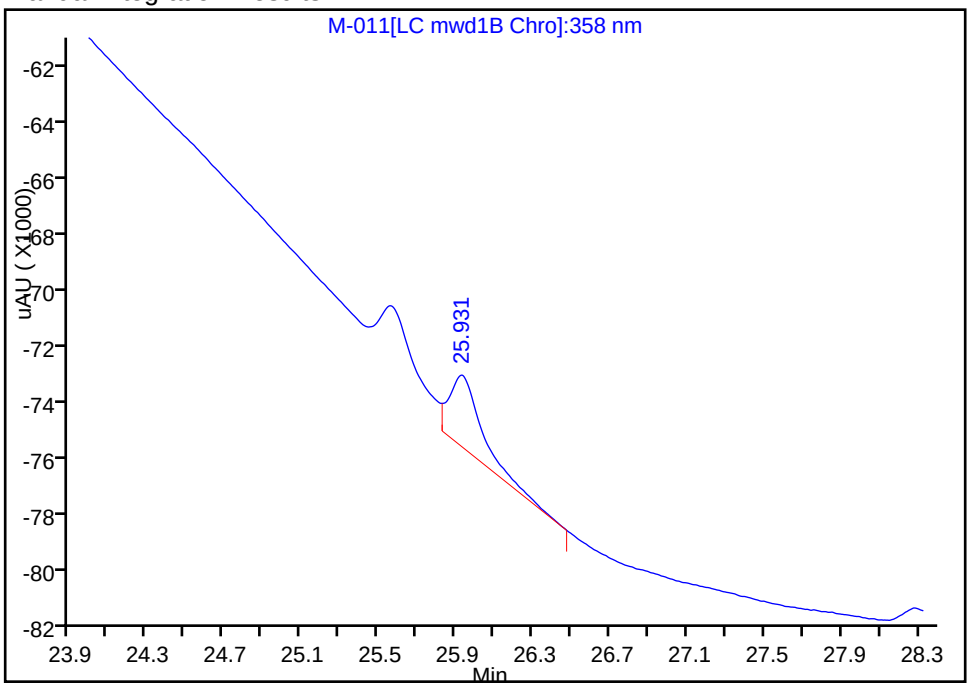
Processing Integration Results

RT: 25.93
Response: 2490
Amount: 13.138858



Manual Integration Results

RT: 25.93
Response: 2489
Amount: 13.133581



Reviewer: noonanr, 27-Aug-2012 16:05:14
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 320-1385/13 Calibration Date: 05/01/2012 10:50

Instrument ID: LC11 Calib Start Date: 04/30/2012 14:52

GC Column: ID: Calib End Date: 04/30/2012 21:31

Lab File ID: I-003.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	94.21	99.06		210	200	5.1	20.0
RDX	Ave	94.00	95.05		202	200	1.1	20.0
1,3,5-Trinitrobenzene	Ave	215.4	214.7		199	200	-0.3	20.0
Picric acid	Ave	189.5	177.1		467	500	-6.6	20.0
1,3-Dinitrobenzene	Ave	228.7	219.7		192	200	-3.9	20.0
3,5-Dinitroaniline	Ave	150.4	153.6		204	200	2.1	20.0
Nitrobenzene	Ave	98.42	99.15		201	200	0.7	20.0
Tetryl	Ave	122.8	128.2		209	200	4.4	20.0
Nitroglycerin	Ave	90.04	98.54		219	200	9.4	20.0
2,4,6-Trinitrotoluene	Ave	129.9	130.2		200	200	0.2	20.0
4-Amino-2,6-dinitrotoluene	Ave	104.3	100.3		192	200	-3.8	20.0
2-Amino-4,6-dinitrotoluene	Ave	115.7	113.0		195	200	-2.4	20.0
2,6-Dinitrotoluene	Ave	79.69	77.72		195	200	-2.5	20.0
2,4-Dinitrotoluene	Ave	130.5	127.8		196	200	-2.1	20.0
2-Nitrotoluene	Ave	51.81	51.14		197	200	-1.3	20.0
4-Nitrotoluene	Ave	66.41	67.20		202	200	1.2	20.0
3-Nitrotoluene	Ave	65.43	66.22		202	200	1.2	20.0
PETN	Ave	51.32	55.23		215	200	7.6	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 320-1385/13 Calibration Date: 05/01/2012 10:50

Instrument ID: LC11 Calib Start Date: 04/30/2012 14:52

GC Column: ID: Calib End Date: 04/30/2012 21:31

Lab File ID: I-003.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	20.45	20.16	20.66
RDX	23.66	23.40	23.90
1,3,5-Trinitrobenzene	25.60	25.35	25.85
Picric acid	25.91	25.67	26.17
1,3-Dinitrobenzene	28.32	28.07	28.57
3,5-Dinitroaniline	29.45	29.20	29.70
Nitrobenzene	29.91	29.67	30.17
Tetryl	30.24	30.00	30.50
Nitroglycerin	30.72	30.49	30.99
2,4,6-Trinitrotoluene	31.46	31.23	31.73
4-Amino-2,6-dinitrotoluene	32.44	32.21	32.71
2-Amino-4,6-dinitrotoluene	33.12	32.90	33.40
2,6-Dinitrotoluene	34.34	34.12	34.62
2,4-Dinitrotoluene	34.73	34.51	35.01
2-Nitrotoluene	37.60	37.40	37.90
4-Nitrotoluene	38.82	38.62	39.12
3-Nitrotoluene	40.31	40.11	40.61
PETN	40.96	40.77	41.27

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC11\20120531-303.b\I-003.D
Lims ID: ICV Client ID:
Inject. Date: 01-May-2012 10:50:11 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: STD_ICV HP8330IC_00002 200 ng/mL;2;
Misc. Info.:
Operator: RN Instrument ID: LC11
Injection Vol: 500.0 ul ALS Bottle#: 11
Lims Batch ID: 1385 Lims Sample ID: 13
Sublist:

Method: \\SACChrom\ChromData\LC11\20120531-303.b\8330 Metab LC11.m
Last Update: 18-Sep-2012 15:38:25 Calib Date: 30-Apr-2012 21:31:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC11\20120531-303.b\M-009.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK014

First Level Reviewer: noonanr Date: 04-Jun-2012 13:30:48

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	20.448	20.410	0.038	19811	210.3	
19 RDX						
1	23.658	23.647	0.011	19009	202.2	
27 1,3,5-Trinitrobenzene						
1	25.598	25.600	-0.002	42943	199.4	
10 2,4,6-Trinitrophenol						M
2	25.905	25.923	-0.018	88530	467.1	M
1	25.905	25.923	-0.018	61200	495.0	
24 1,3-Dinitrobenzene						
1	28.315	28.323	-0.008	43931	192.1	
9 3,5-Dinitroaniline						
1	29.445	29.453	-0.008	30713	204.1	
5 Nitrobenzene						
1	29.905	29.920	-0.015	19829	201.5	
20 Tetryl						
1	30.235	30.250	-0.015	25645	208.9	
7 Nitroglycerin						
2	30.721	30.743	-0.022	19707	218.9	
25 2,4,6-Trinitrotoluene						
1	31.458	31.477	-0.019	26044	200.5	
26 4-Amino-2,6-dinitrotoluene						
1	32.435	32.457	-0.022	20066	192.3	
6 2-Amino-4,6-dinitrotoluene						
1	33.121	33.147	-0.026	22594	195.3	
12 2,6-Dinitrotoluene						
1	34.341	34.373	-0.032	15543	195.1	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
23 2,4-Dinitrotoluene						
1	34.728	34.760	-0.032	25562	195.8	
16 o-Nitrotoluene						
1	37.601	37.646	-0.045	10228	197.4	
15 p-Nitrotoluene						
1	38.821	38.866	-0.045	13439	202.4	
8 m-Nitrotoluene						
1	40.308	40.356	-0.048	13244	202.4	
21 PETN						
2	40.958	41.016	-0.058	11045	215.2	

QC Flag Legend

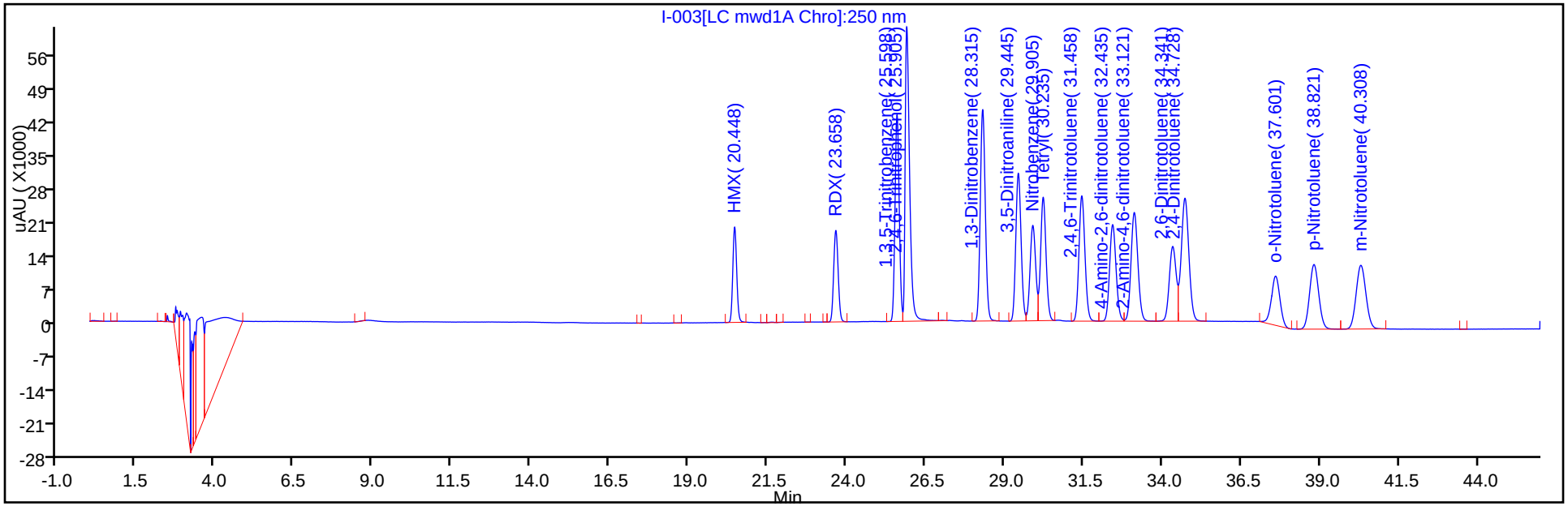
Review Flags
M - Manually Integrated

Report Date: 18-Sep-2012 15:38:40 Chrom Revision: 2.1 16-Sep-2012 09:37:06

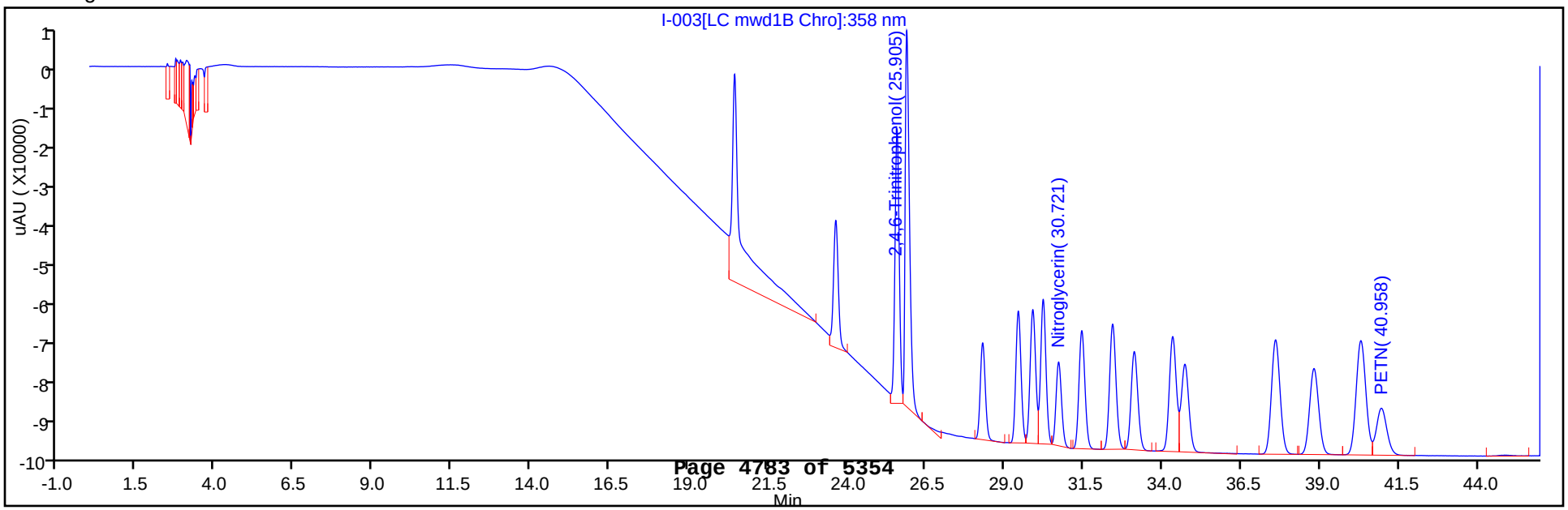
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC11\20120531-303.b\I-003.D		
Injection Date:	01-May-2012 10:50:11	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC11
Lims Batch ID:	1385	Lims Sample ID:	13
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Y Scaling:



Manual Integration/User Assign Peak Report

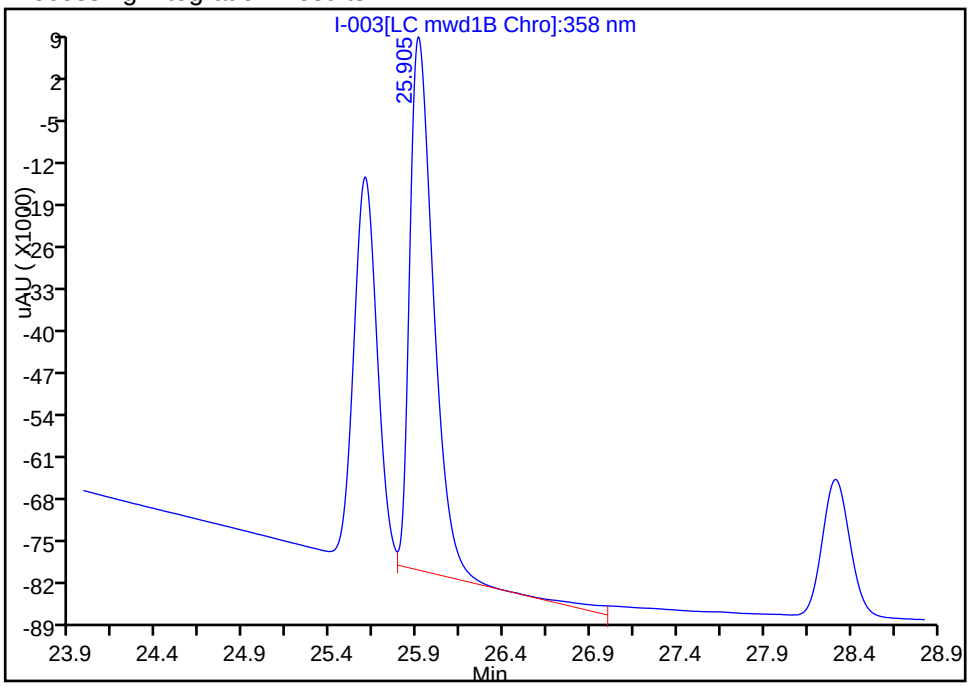
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC11\20120531-303.b\I-003.D		
Injection Date:	01-May-2012 10:50:11	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC11
Lims Batch ID:	1385	Lims Sample ID:	13
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:		Column Dia:	

10 2,4,6-Trinitrophenol, Signal: 1, Type: quant, RT: 25.92, Det: LC mwd1B

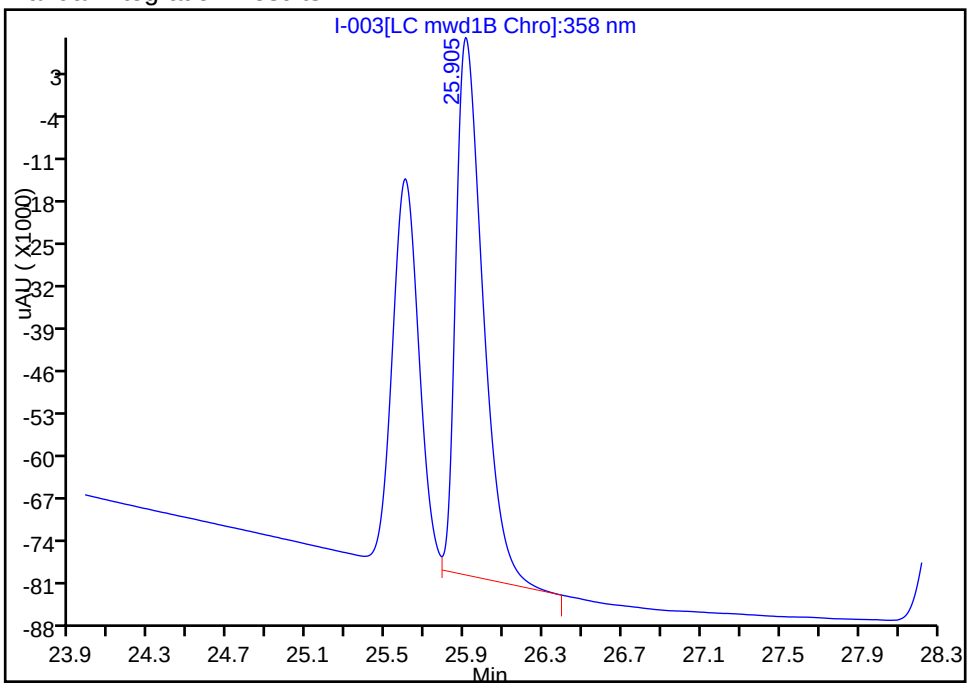
Processing Integration Results

RT: 25.90
Response: 88532
Amount: 467.1524



Manual Integration Results

RT: 25.90
Response: 88530
Amount: 467.1418



Reviewer: noonanr, 27-Aug-2012 16:13:46
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCVL 320-14412/66 Calibration Date: 04/19/2013 02:12

Instrument ID: LC11 Calib Start Date: 04/30/2012 14:52

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 04/30/2012 21:31

Lab File ID: P-000067.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	94.21	99.6		5.29	5.00	5.7	30.0
RDX	Ave	94.00	100.0		5.32	5.00	6.4	30.0
1,3,5-Trinitrobenzene	Ave	215.4	221.2		5.13	5.00	2.7	30.0
1,3-Dinitrobenzene	Ave	228.7	232.8		5.09	5.00	1.8	30.0
3,5-Dinitroaniline	Ave	150.4	146.2		4.86	5.00	-2.8	30.0
Nitrobenzene	Ave	98.42	94.60		4.81	5.00	-3.9	30.0
Tetryl	Ave	122.8	114.0		4.64	5.00	-7.2	30.0
Nitroglycerin	Ave	90.04	84.55		18.8	20.0	-6.1	30.0
2,4,6-Trinitrotoluene	Ave	129.9	128.0		4.93	5.00	-1.5	30.0
4-Amino-2,6-dinitrotoluene	Ave	104.3	104.4		5.00	5.00	0.0	30.0
2-Amino-4,6-dinitrotoluene	Ave	115.7	120.8		5.22	5.00	4.4	30.0
2,6-Dinitrotoluene	Ave	79.69	86.60		5.43	5.00	8.7	30.0
2,4-Dinitrotoluene	Ave	130.5	138.2		5.29	5.00	5.9	30.0
2-Nitrotoluene	Ave	51.81	53.20		5.13	5.00	2.7	30.0
4-Nitrotoluene	Ave	66.41	69.40		5.22	5.00	4.5	30.0
3-Nitrotoluene	Ave	65.43	66.00		5.04	5.00	0.9	30.0
PETN	Ave	51.32	59.55		23.2	20.0	16.0	30.0
3,4-Dinitrotoluene	Ave	69.81	66.55		19.1	20.0	-4.7	30.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCVL 320-14412/66 Calibration Date: 04/19/2013 02:12

Instrument ID: LC11 Calib Start Date: 04/30/2012 14:52

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 04/30/2012 21:31

Lab File ID: P-000067.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	20.15	19.90	20.40
RDX	23.38	23.13	23.63
1,3,5-Trinitrobenzene	25.27	25.02	25.52
1,3-Dinitrobenzene	27.99	27.74	28.24
3,5-Dinitroaniline	29.13	28.88	29.38
Nitrobenzene	29.50	29.25	29.75
Tetryl	29.83	29.58	30.08
Nitroglycerin	30.26	30.01	30.51
2,4,6-Trinitrotoluene	30.98	30.73	31.23
4-Amino-2,6-dinitrotoluene	32.01	31.76	32.26
2-Amino-4,6-dinitrotoluene	32.68	32.43	32.93
2,6-Dinitrotoluene	33.80	33.55	34.05
2,4-Dinitrotoluene	34.16	33.91	34.41
2-Nitrotoluene	36.94	36.69	37.19
4-Nitrotoluene	38.08	37.83	38.33
3-Nitrotoluene	39.50	39.25	39.75
PETN	39.96	39.71	40.21
3,4-Dinitrotoluene	32.34	32.09	32.59

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC11\20130416-3912.b\P-000067.D		
Lims ID:	CCVL	Client ID:	
Inject. Date:	19-Apr-2013 02:12:21	Dil. Factor:	1.0000
Sample Type:	CCVL		
Sample ID:	320-0003912-066		
Misc. Info.:			
Operator:	KR/RN	Instrument ID:	LC11
Injection Vol:	500.0 ul	ALS Bottle#:	10
Lims Batch ID:	14412	Lims Sample ID:	66
Sublist:	chrom-8330 Metab LC11*sub4		
Method:	\\SACChrom\ChromData\LC11\20130416-3912.b\8330 Metab LC11.m		
Last Update:	19-Apr-2013 07:03:40	Calib Date:	30-Apr-2012 21:31:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC11\20120531-303.b\M-009.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK006		

First Level Reviewer: noonanr Date: 19-Apr-2013 07:03:40

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	20.154	20.154	0.0	498	5.29	
19 RDX						
1	23.384	23.384	0.0	500	5.32	
27 1,3,5-Trinitrobenzene						
1	25.270	25.270	0.0	1106	5.13	
24 1,3-Dinitrobenzene						
1	27.990	27.990	0.0	1164	5.09	
9 3,5-Dinitroaniline						
1	29.127	29.127	0.0	731	4.86	
5 Nitrobenzene						
1	29.500	29.500	0.0	473	4.81	
20 Tetryl						
1	29.830	29.830	0.0	570	4.64	
7 Nitroglycerin						
2	30.260	30.260	0.0	1691	18.8	
25 2,4,6-Trinitrotoluene						
1	30.984	30.984	0.0	640	4.93	
26 4-Amino-2,6-dinitrotoluene						
1	32.010	32.010	0.0	522	5.00	
$ 30 3,4-Dinitrotoluene						M
1	32.340	32.340	0.0	1331	19.1	
2	32.344	32.344	0.0	2795	21.6	M
6 2-Amino-4,6-dinitrotoluene						
1	32.677	32.677	0.0	604	5.22	
12 2,6-Dinitrotoluene						
1	33.800	33.800	0.0	433	5.43	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
23 2,4-Dinitrotoluene						
1	34.164	34.164	0.0	691	5.29	
16 o-Nitrotoluene						
1	36.943	36.943	0.0	266	5.13	
15 p-Nitrotoluene						
1	38.083	38.083	0.0	347	5.22	
8 m-Nitrotoluene						
1	39.497	39.497	0.0	330	5.04	
21 PETN						
2	39.957	39.957	0.0	1191	23.2	

QC Flag Legend

Review Flags
M - Manually Integrated

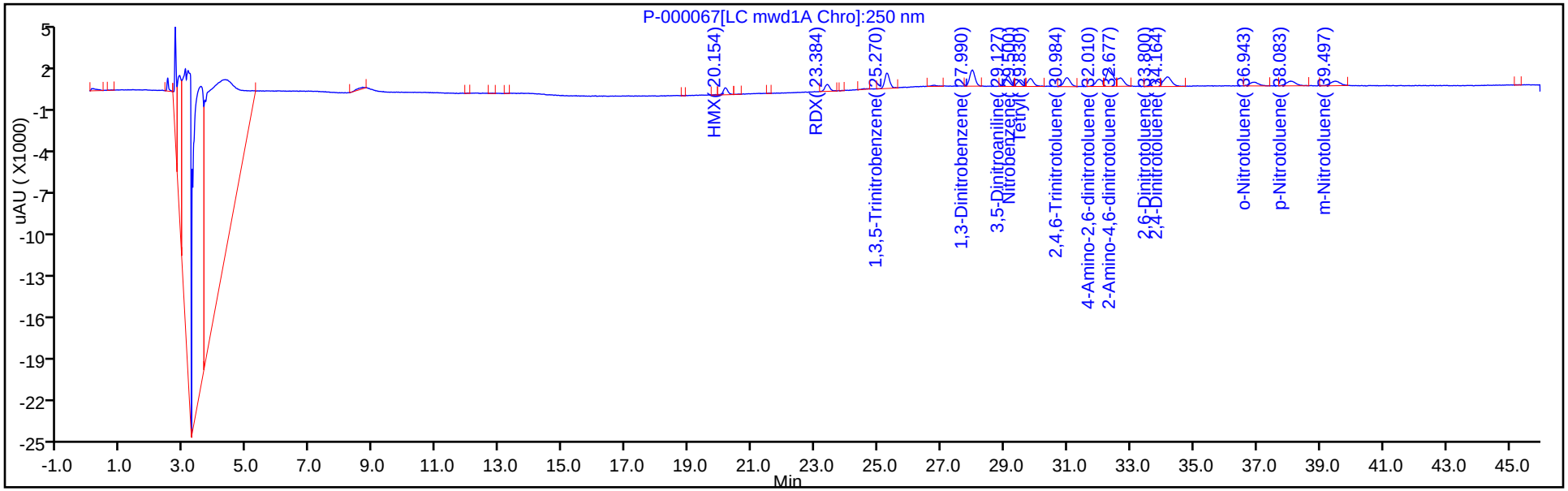
Report Date: 19-Apr-2013 07:03:40 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

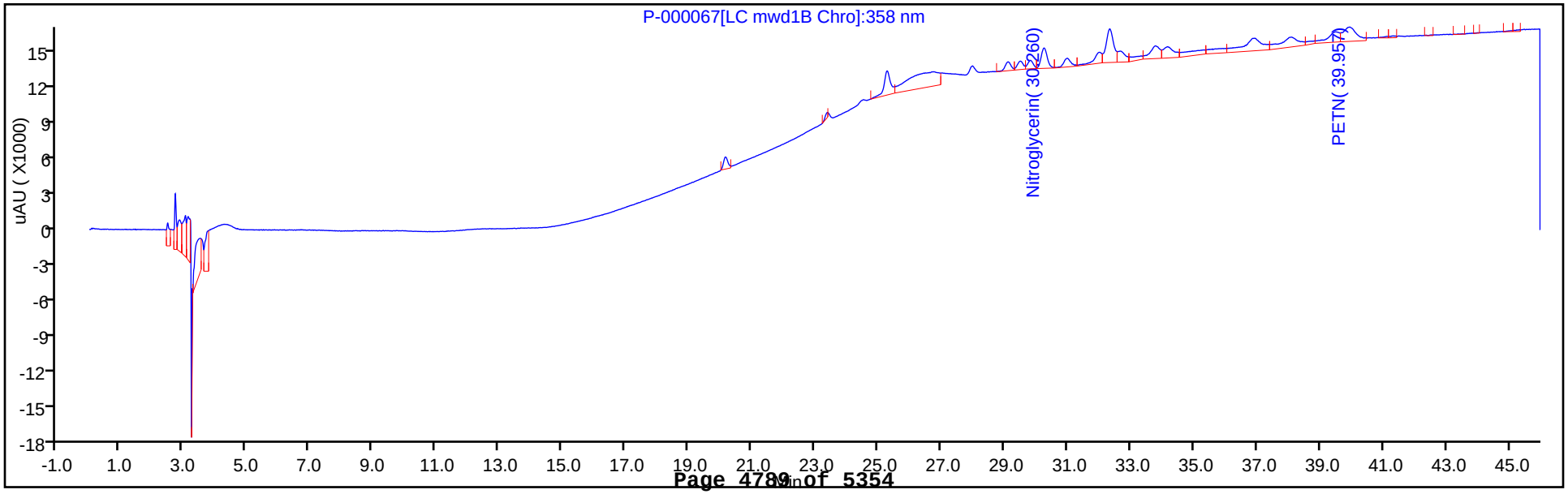
Data File: \\SACChrom\ChromData\LC11\20130416-3912.b\P-000067.D

Injection Date:	19-Apr-2013 02:12:21	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC11
Lims Batch ID:	14412	Lims Sample ID:	66
Operator ID:	KR/RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Y Scaling:



Manual Integration/User Assign Peak Report

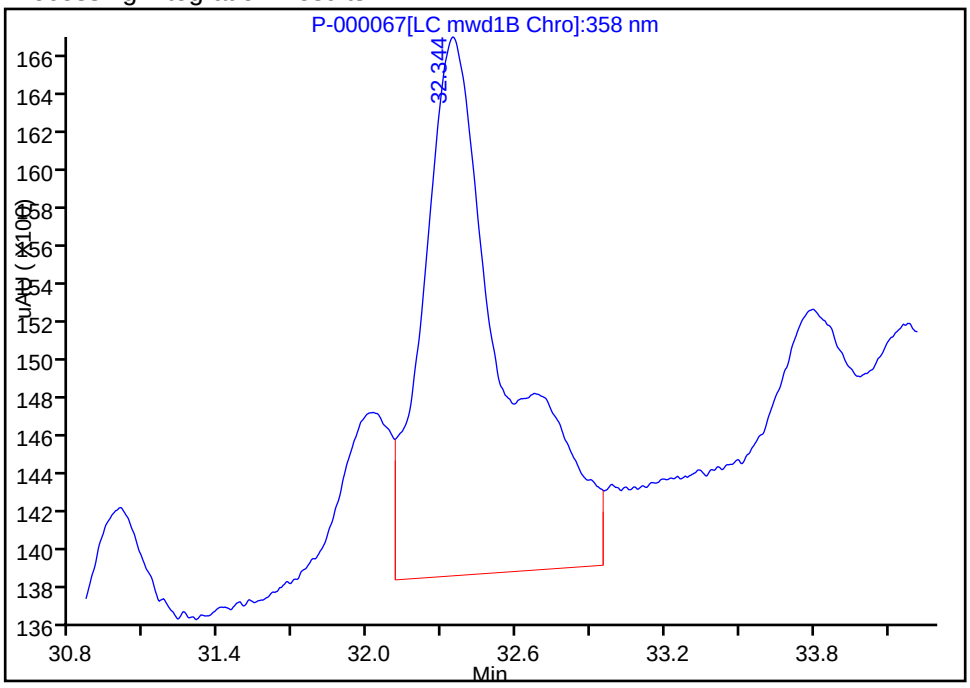
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC11\20130416-3912.b\P-000067.D		
Injection Date:	19-Apr-2013 02:12:21	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC11
Lims Batch ID:	14412	Lims Sample ID:	66
Operator ID:	KR/RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

$ 30 3,4-Dinitrotoluene, Signal: 2, Type: quant, RT: 32.34, Det: LC mwd1B

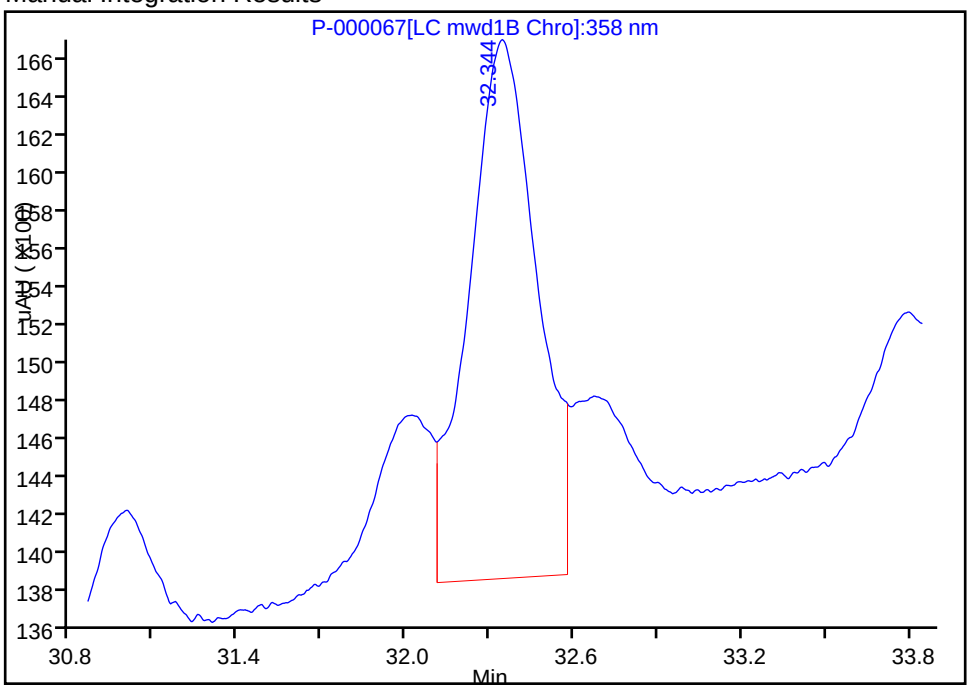
Processing Integration Results

RT: 32.34
Response: 2795
Amount: 21.648390



Manual Integration Results

RT: 32.34
Response: 2795
Amount: 21.648390



Reviewer: noonanr, 19-Apr-2013 07:03:40
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 320-14412/86 Calibration Date: 04/19/2013 21:15

Instrument ID: LC11 Calib Start Date: 04/30/2012 14:52

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 04/30/2012 21:31

Lab File ID: P-000087.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	94.21	89.46		95.0	100	-5.0	20.0
RDX	Ave	94.00	88.27		93.9	100	-6.1	20.0
1,3,5-Trinitrobenzene	Ave	215.4	199.3		92.5	100	-7.5	20.0
Picric acid	Ave	189.5	180.6		238	250	-4.7	20.0
1,3-Dinitrobenzene	Ave	228.7	216.6		94.7	100	-5.3	20.0
3,5-Dinitroaniline	Ave	150.4	136.0		90.4	100	-9.6	20.0
Nitrobenzene	Ave	98.42	93.19		94.7	100	-5.3	20.0
Tetryl	Ave	122.8	117.0		95.3	100	-4.7	20.0
Nitroglycerin	Ave	90.04	84.87		94.3	100	-5.7	20.0
2,4,6-Trinitrotoluene	Ave	129.9	125.0		96.2	100	-3.8	20.0
4-Amino-2,6-dinitrotoluene	Ave	104.3	95.39		91.4	100	-8.6	20.0
2-Amino-4,6-dinitrotoluene	Ave	115.7	107.6		93.0	100	-7.0	20.0
2,6-Dinitrotoluene	Ave	79.69	75.21		94.4	100	-5.6	20.0
2,4-Dinitrotoluene	Ave	130.5	125.9		96.4	100	-3.6	20.0
2-Nitrotoluene	Ave	51.81	52.27		101	100	0.9	20.0
4-Nitrotoluene	Ave	66.41	66.52		100	100	0.2	20.0
3-Nitrotoluene	Ave	65.43	65.28		99.8	100	-0.2	20.0
PETN	Ave	51.32	53.25		104	100	3.8	20.0
3,4-Dinitrotoluene	Ave	69.81	69.15		99.1	100	-0.9	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 320-14412/86 Calibration Date: 04/19/2013 21:15

Instrument ID: LC11 Calib Start Date: 04/30/2012 14:52

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 04/30/2012 21:31

Lab File ID: P-000087.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	20.15	19.90	20.40
RDX	23.37	23.12	23.62
1,3,5-Trinitrobenzene	25.27	25.02	25.52
Picric acid	25.75	25.50	26.00
1,3-Dinitrobenzene	27.97	27.72	28.22
3,5-Dinitroaniline	29.10	28.85	29.35
Nitrobenzene	29.49	29.24	29.74
Tetryl	29.81	29.56	30.06
Nitroglycerin	30.25	30.00	30.50
2,4,6-Trinitrotoluene	30.97	30.72	31.22
4-Amino-2,6-dinitrotoluene	31.98	31.73	32.23
2-Amino-4,6-dinitrotoluene	32.65	32.40	32.90
2,6-Dinitrotoluene	33.77	33.52	34.02
2,4-Dinitrotoluene	34.15	33.90	34.40
2-Nitrotoluene	36.89	36.64	37.14
4-Nitrotoluene	38.07	37.82	38.32
3-Nitrotoluene	39.47	39.22	39.72
PETN	39.90	39.65	40.15
3,4-Dinitrotoluene	32.32	32.07	32.57

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC11\20130416-3912.b\P-000087.D		
Lims ID:	CCV 05	Client ID:	
Inject. Date:	19-Apr-2013 21:15:21	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	320-0003912-086		
Misc. Info.:			
Operator:	KR/RN	Instrument ID:	LC11
Injection Vol:	500.0 ul	ALS Bottle#:	6
Lims Batch ID:	14412	Lims Sample ID:	86
Sublist:	chrom-8330 Metab LC11*sub1		
Method:	\\SACChrom\ChromData\LC11\20130416-3912.b\8330 Metab LC11.m		
Last Update:	22-Apr-2013 15:42:46	Calib Date:	30-Apr-2012 21:31:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC11\20120531-303.b\M-009.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK016		

First Level Reviewer: noonanr Date: 22-Apr-2013 15:42:46

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	20.146	20.146	0.0	8946	95.0	
19 RDX						
1	23.373	23.373	0.0	8827	93.9	
27 1,3,5-Trinitrobenzene						
1	25.270	25.270	0.0	19930	92.5	
10 2,4,6-Trinitrophenol						
2	25.746	25.746	0.0	45161	238.3	
1	25.746	25.746	0.0	30747	248.7	
24 1,3-Dinitrobenzene						
1	27.970	27.970	0.0	21663	94.7	
9 3,5-Dinitroaniline						
1	29.100	29.100	0.0	13598	90.4	
5 Nitrobenzene						
1	29.490	29.490	0.0	9319	94.7	
20 Tetryl						
1	29.813	29.813	0.0	11696	95.3	
7 Nitroglycerin						
2	30.246	30.246	0.0	8487	94.3	
25 2,4,6-Trinitrotoluene						
1	30.970	30.970	0.0	12496	96.2	
26 4-Amino-2,6-dinitrotoluene						
1	31.983	31.983	0.0	9539	91.4	
$ 30 3,4-Dinitrotoluene						
1	32.320	32.320	0.0	6915	99.1	
2	32.323	32.323	0.0	13438	104.1	
6 2-Amino-4,6-dinitrotoluene						
1	32.653	32.653	0.0	10764	93.0	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
12 2,6-Dinitrotoluene						
1	33.770	33.770	0.0	7521	94.4	
23 2,4-Dinitrotoluene						
1	34.146	34.146	0.0	12587	96.4	
16 o-Nitrotoluene						
1	36.886	36.886	0.0	5227	100.9	
15 p-Nitrotoluene						
1	38.066	38.066	0.0	6652	100.2	
8 m-Nitrotoluene						
1	39.473	39.473	0.0	6528	99.8	
21 PETN						
2	39.896	39.896	0.0	5325	103.8	

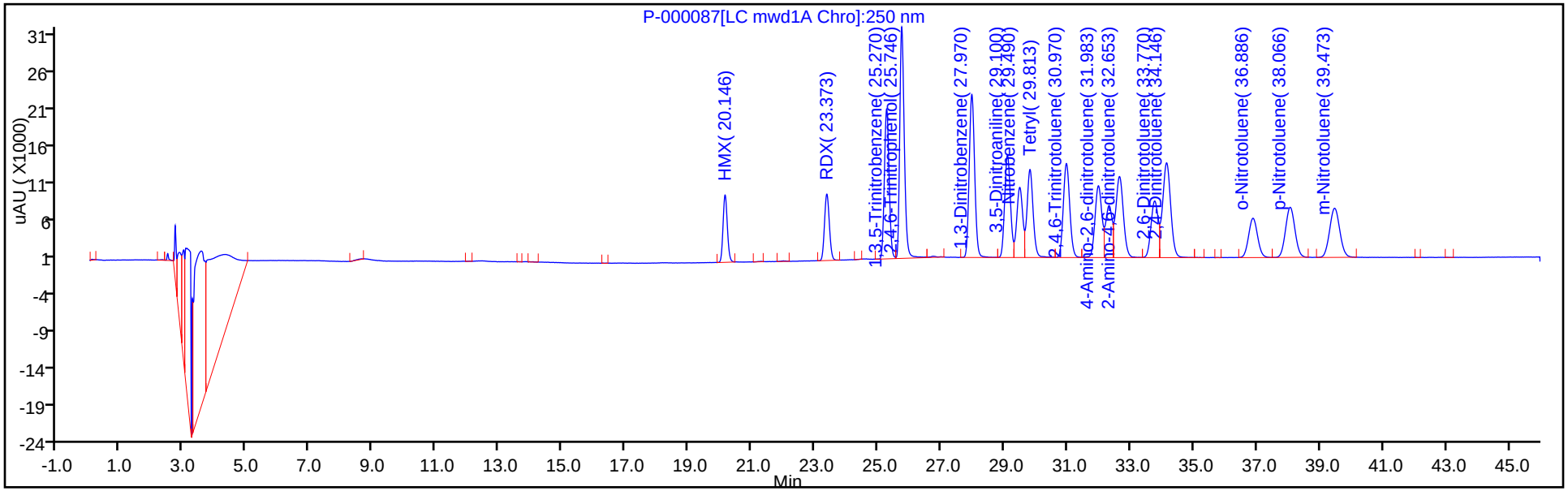
Report Date: 22-Apr-2013 15:42:46 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

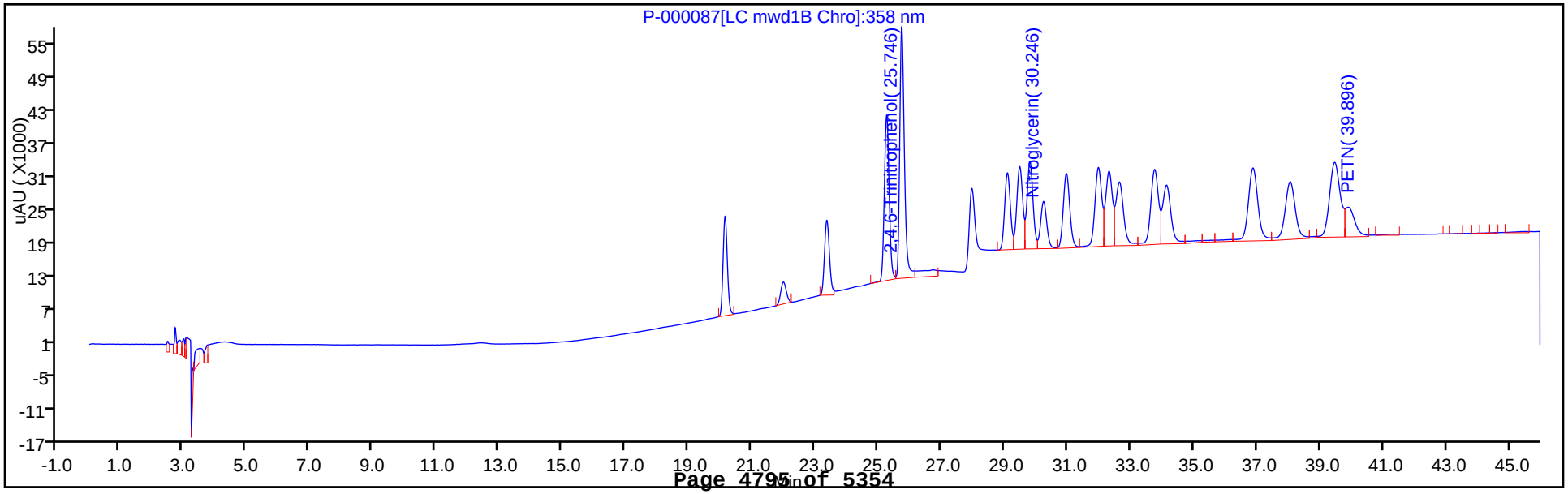
Data File: \\SACChrom\ChromData\LC11\20130416-3912.b\P-000087.D

Injection Date:	19-Apr-2013 21:15:21	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC11
Lims Batch ID:	14412	Lims Sample ID:	86
Operator ID:	KR/RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCVL 320-14412/92 Calibration Date: 04/20/2013 03:54

Instrument ID: LC11 Calib Start Date: 04/30/2012 14:52

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 04/30/2012 21:31

Lab File ID: P-000094.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	94.21	102.2		5.42	5.00	8.5	30.0
RDX	Ave	94.00	102.6		5.46	5.00	9.2	30.0
1,3,5-Trinitrobenzene	Ave	215.4	225.2		5.23	5.00	4.5	30.0
1,3-Dinitrobenzene	Ave	228.7	233.4		5.10	5.00	2.1	30.0
3,5-Dinitroaniline	Ave	150.4	150.0		4.99	5.00	-0.3	30.0
Nitrobenzene	Ave	98.42	95.20		4.84	5.00	-3.3	30.0
Tetryl	Ave	122.8	114.6		4.67	5.00	-6.7	30.0
Nitroglycerin	Ave	90.04	86.95		19.3	20.0	-3.4	30.0
2,4,6-Trinitrotoluene	Ave	129.9	133.4		5.13	5.00	2.7	30.0
4-Amino-2,6-dinitrotoluene	Ave	104.3	107.2		5.14	5.00	2.7	30.0
2-Amino-4,6-dinitrotoluene	Ave	115.7	125.0		5.40	5.00	8.0	30.0
2,6-Dinitrotoluene	Ave	79.69	84.40		5.30	5.00	5.9	30.0
2,4-Dinitrotoluene	Ave	130.5	138.2		5.29	5.00	5.9	30.0
2-Nitrotoluene	Ave	51.81	49.20		4.75	5.00	-5.0	30.0
4-Nitrotoluene	Ave	66.41	67.60		5.09	5.00	1.8	30.0
3-Nitrotoluene	Ave	65.43	61.60		4.71	5.00	-5.8	30.0
PETN	Ave	51.32	66.95		26.1	20.0	30.4*	30.0
3,4-Dinitrotoluene	Ave	69.81	67.65		19.4	20.0	-3.1	30.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCVL 320-14412/92 Calibration Date: 04/20/2013 03:54

Instrument ID: LC11 Calib Start Date: 04/30/2012 14:52

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 04/30/2012 21:31

Lab File ID: P-000094.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	20.14	19.89	20.39
RDX	23.38	23.13	23.63
1,3,5-Trinitrobenzene	25.27	25.02	25.52
1,3-Dinitrobenzene	27.97	27.72	28.22
3,5-Dinitroaniline	29.12	28.87	29.37
Nitrobenzene	29.50	29.25	29.75
Tetryl	29.83	29.58	30.08
Nitroglycerin	30.26	30.01	30.51
2,4,6-Trinitrotoluene	30.98	30.73	31.23
4-Amino-2,6-dinitrotoluene	32.00	31.75	32.25
2-Amino-4,6-dinitrotoluene	32.66	32.41	32.91
2,6-Dinitrotoluene	33.80	33.55	34.05
2,4-Dinitrotoluene	34.16	33.91	34.41
2-Nitrotoluene	36.90	36.65	37.15
4-Nitrotoluene	38.06	37.81	38.31
3-Nitrotoluene	39.48	39.23	39.73
PETN	39.93	39.68	40.18
3,4-Dinitrotoluene	32.33	32.08	32.58

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC11\20130416-3912.b\P-000094.D		
Lims ID:	CCVL	Client ID:	
Inject. Date:	20-Apr-2013 03:54:56	Dil. Factor:	1.0000
Sample Type:	CCVL		
Sample ID:	320-0003912-092		
Misc. Info.:			
Operator:	KR/RN	Instrument ID:	LC11
Injection Vol:	500.0 ul	ALS Bottle#:	10
Lims Batch ID:	14412	Lims Sample ID:	92
Sublist:	chrom-8330 Metab LC11*sub4		
Method:	\\SACChrom\ChromData\LC11\20130416-3912.b\8330 Metab LC11.m		
Last Update:	22-Apr-2013 15:49:10	Calib Date:	30-Apr-2012 21:31:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC11\20120531-303.b\M-009.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK016		

First Level Reviewer: noonanr Date: 22-Apr-2013 15:49:10

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	20.143	20.143	0.0	511	5.42	
19 RDX						
1	23.377	23.377	0.0	513	5.46	
27 1,3,5-Trinitrobenzene						
1	25.273	25.273	0.0	1126	5.23	
24 1,3-Dinitrobenzene						
1	27.970	27.970	0.0	1167	5.10	
9 3,5-Dinitroaniline						
1	29.117	29.117	0.0	750	4.99	
5 Nitrobenzene						
1	29.503	29.503	0.0	476	4.84	
20 Tetryl						
1	29.827	29.827	0.0	573	4.67	
7 Nitroglycerin						
2	30.260	30.260	0.0	1739	19.3	
25 2,4,6-Trinitrotoluene						
1	30.977	30.977	0.0	667	5.13	
26 4-Amino-2,6-dinitrotoluene						
1	31.997	31.997	0.0	536	5.14	
$ 30 3,4-Dinitrotoluene						
1	32.327	32.327	0.0	1353	19.4	
2	32.333	32.333	0.0	2878	22.3	
6 2-Amino-4,6-dinitrotoluene						
1	32.660	32.660	0.0	625	5.40	
12 2,6-Dinitrotoluene						
1	33.800	33.800	0.0	422	5.30	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
23 2,4-Dinitrotoluene						
1	34.157	34.157	0.0	691	5.29	
16 o-Nitrotoluene						
1	36.900	36.900	0.0	246	4.75	
15 p-Nitrotoluene						
1	38.063	38.063	0.0	338	5.09	
8 m-Nitrotoluene						
1	39.480	39.480	0.0	308	4.71	
21 PETN						
2	39.927	39.927	0.0	1339	26.1	

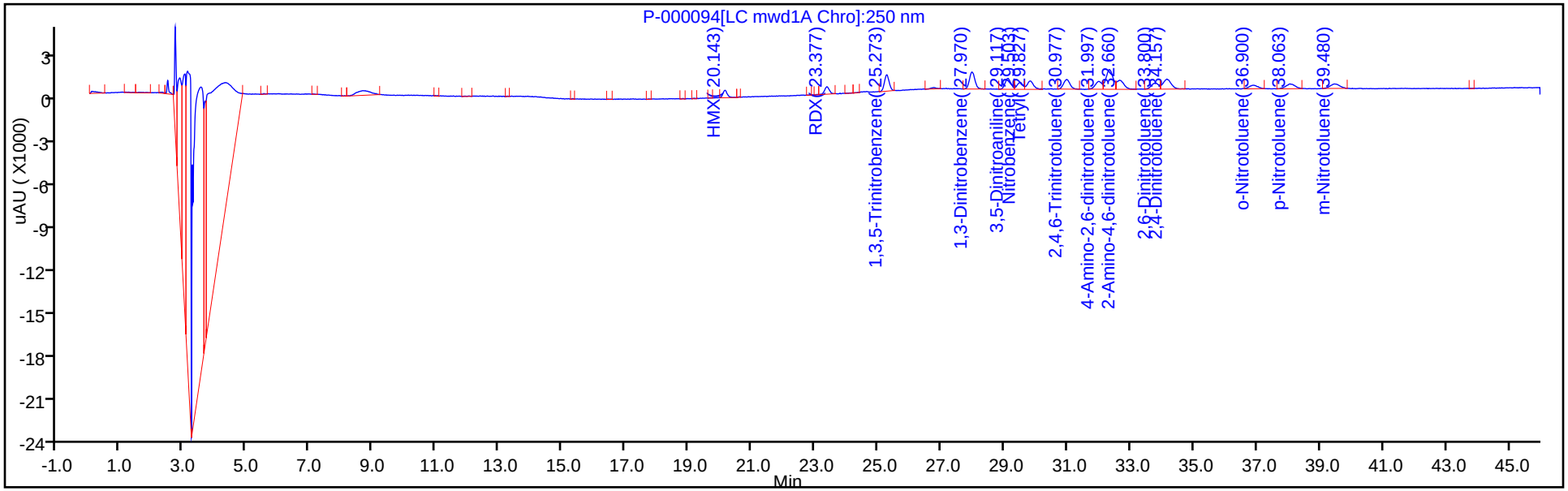
Report Date: 22-Apr-2013 15:49:10 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

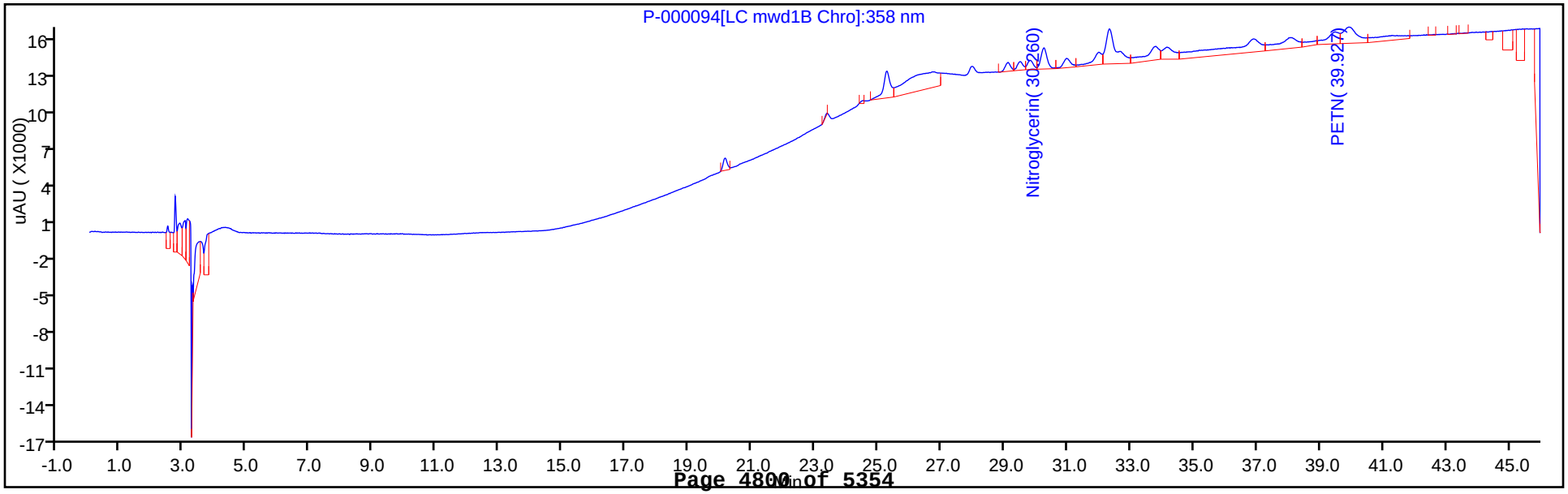
Data File: \\SACChrom\ChromData\LC11\20130416-3912.b\P-000094.D

Injection Date:	20-Apr-2013 03:54:56	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC11
Lims Batch ID:	14412	Lims Sample ID:	92
Operator ID:	KR/RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 320-14412/91 Calibration Date: 04/20/2013 04:52

Instrument ID: LC11 Calib Start Date: 04/30/2012 14:52

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 04/30/2012 21:31

Lab File ID: P-000095.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	94.21	91.22		96.8	100	-3.2	20.0
RDX	Ave	94.00	89.46		95.2	100	-4.8	20.0
1,3,5-Trinitrobenzene	Ave	215.4	202.0		93.8	100	-6.2	20.0
Picric acid	Ave	189.5	183.8		242	250	-3.0	20.0
1,3-Dinitrobenzene	Ave	228.7	217.9		95.3	100	-4.7	20.0
3,5-Dinitroaniline	Ave	150.4	137.0		91.1	100	-8.9	20.0
Nitrobenzene	Ave	98.42	94.86		96.4	100	-3.6	20.0
Tetryl	Ave	122.8	118.1		96.2	100	-3.8	20.0
Nitroglycerin	Ave	90.04	85.34		94.8	100	-5.2	20.0
2,4,6-Trinitrotoluene	Ave	129.9	125.8		96.9	100	-3.1	20.0
4-Amino-2,6-dinitrotoluene	Ave	104.3	96.18		92.2	100	-7.8	20.0
2-Amino-4,6-dinitrotoluene	Ave	115.7	108.8		94.0	100	-6.0	20.0
2,6-Dinitrotoluene	Ave	79.69	75.58		94.8	100	-5.2	20.0
2,4-Dinitrotoluene	Ave	130.5	126.4		96.8	100	-3.2	20.0
2-Nitrotoluene	Ave	51.81	53.46		103	100	3.2	20.0
4-Nitrotoluene	Ave	66.41	67.91		102	100	2.3	20.0
3-Nitrotoluene	Ave	65.43	66.48		102	100	1.6	20.0
PETN	Ave	51.32	53.66		105	100	4.6	20.0
3,4-Dinitrotoluene	Ave	69.81	69.48		99.5	100	-0.5	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 320-14412/91 Calibration Date: 04/20/2013 04:52

Instrument ID: LC11 Calib Start Date: 04/30/2012 14:52

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 04/30/2012 21:31

Lab File ID: P-000095.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	20.15	19.90	20.40
RDX	23.37	23.12	23.62
1,3,5-Trinitrobenzene	25.27	25.02	25.52
Picric acid	25.75	25.50	26.00
1,3-Dinitrobenzene	27.97	27.72	28.22
3,5-Dinitroaniline	29.10	28.85	29.35
Nitrobenzene	29.49	29.24	29.74
Tetryl	29.81	29.56	30.06
Nitroglycerin	30.24	29.99	30.49
2,4,6-Trinitrotoluene	30.96	30.71	31.21
4-Amino-2,6-dinitrotoluene	31.97	31.72	32.22
2-Amino-4,6-dinitrotoluene	32.64	32.39	32.89
2,6-Dinitrotoluene	33.76	33.51	34.01
2,4-Dinitrotoluene	34.13	33.88	34.38
2-Nitrotoluene	36.87	36.62	37.12
4-Nitrotoluene	38.05	37.80	38.30
3-Nitrotoluene	39.45	39.20	39.70
PETN	39.89	39.64	40.14
3,4-Dinitrotoluene	32.31	32.06	32.56

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC11\20130416-3912.b\P-000095.D
Lims ID: CCV 05 Client ID:
Inject. Date: 20-Apr-2013 04:52:06 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 320-0003912-091
Misc. Info.:
Operator: KR/RN Instrument ID: LC11
Injection Vol: 500.0 ul ALS Bottle#: 7
Lims Batch ID: 14412 Lims Sample ID: 91
Sublist: chrom-8330 Metab LC11*sub1

Method: \\SACChrom\ChromData\LC11\20130416-3912.b\8330 Metab LC11.m
Last Update: 22-Apr-2013 15:49:49 Calib Date: 30-Apr-2012 21:31:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC11\20120531-303.b\M-009.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK016

First Level Reviewer: noonanr Date: 22-Apr-2013 15:49:49

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	20.148	20.148	0.0	9122	96.8	
19 RDX						
1	23.374	23.374	0.0	8946	95.2	
27 1,3,5-Trinitrobenzene						
1	25.271	25.271	0.0	20202	93.8	
10 2,4,6-Trinitrophenol						
2	25.748	25.748	0.0	45943	242.4	
1	25.748	25.748	0.0	31188	252.2	
24 1,3-Dinitrobenzene						
1	27.971	27.971	0.0	21792	95.3	
9 3,5-Dinitroaniline						
1	29.098	29.098	0.0	13701	91.1	
5 Nitrobenzene						
1	29.488	29.488	0.0	9486	96.4	
20 Tetryl						
1	29.808	29.808	0.0	11813	96.2	
7 Nitroglycerin						
2	30.241	30.241	0.0	8534	94.8	
25 2,4,6-Trinitrotoluene						
1	30.964	30.964	0.0	12582	96.9	
26 4-Amino-2,6-dinitrotoluene						
1	31.971	31.971	0.0	9618	92.2	
$ 30 3,4-Dinitrotoluene						
1	32.311	32.311	0.0	6948	99.5	
2	32.308	32.308	0.0	13559	105.0	
6 2-Amino-4,6-dinitrotoluene						
1	32.638	32.638	0.0	10875	94.0	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
12 2,6-Dinitrotoluene						
1	33.758	33.758	0.0	7558	94.8	
23 2,4-Dinitrotoluene						
1	34.134	34.134	0.0	12640	96.8	
16 o-Nitrotoluene						
1	36.871	36.871	0.0	5346	103.2	
15 p-Nitrotoluene						
1	38.047	38.047	0.0	6791	102.3	
8 m-Nitrotoluene						
1	39.454	39.454	0.0	6648	101.6	
21 PETN						
2	39.891	39.891	0.0	5366	104.6	

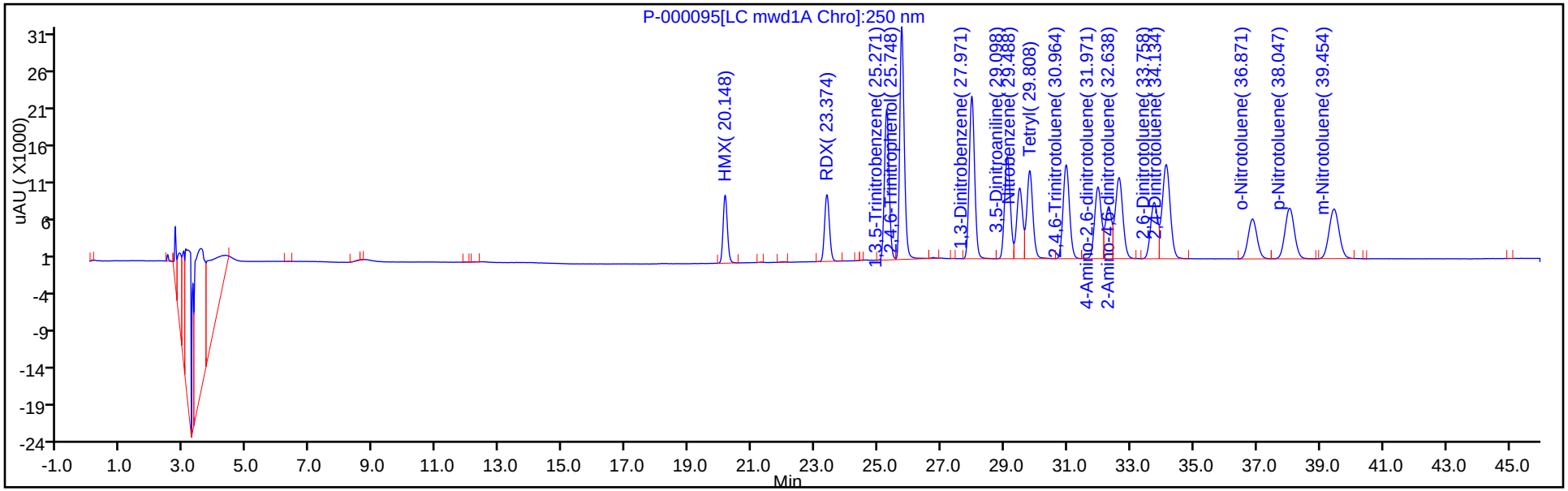
Report Date: 22-Apr-2013 15:49:49 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

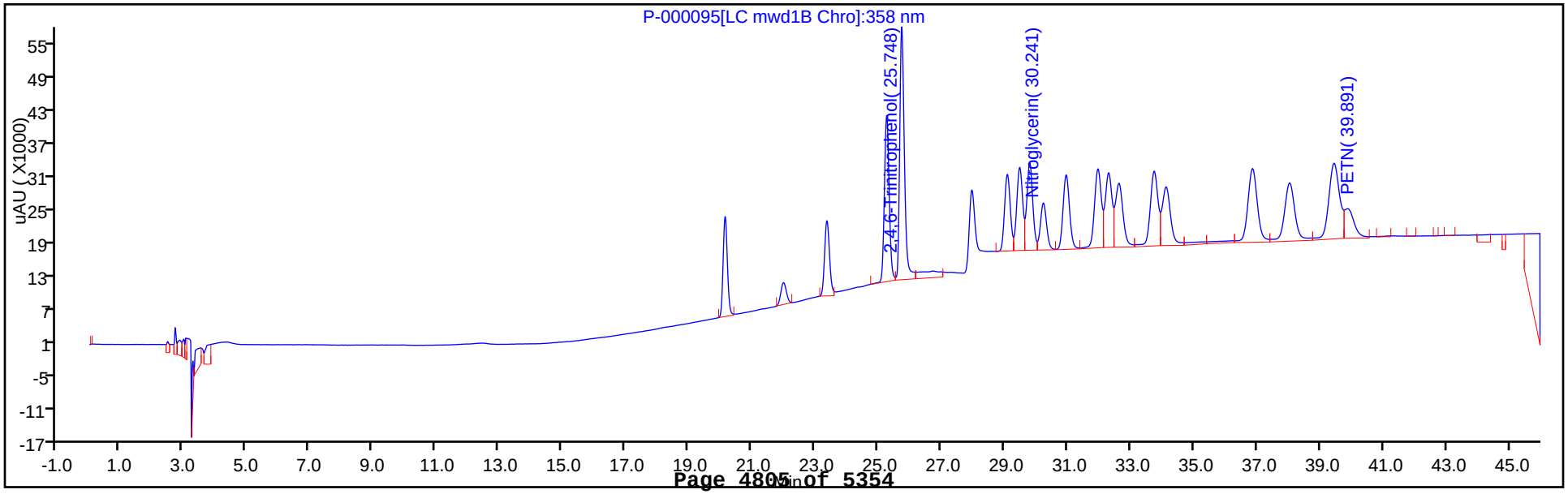
Data File: \\SACChrom\ChromData\LC11\20130416-3912.b\P-000095.D

Injection Date:	20-Apr-2013 04:52:06	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC11
Lims Batch ID:	14412	Lims Sample ID:	91
Operator ID:	KR/RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 320-10422/11 Calibration Date: 02/14/2013 03:05

Instrument ID: LC12 Calib Start Date: 02/13/2013 17:16

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 02/14/2013 00:54

Lab File ID: M000012.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Picric acid	None		0.0870		0.500	1000	-100.0*	20.0
Nitrobenzene	Ave	48.34	48.04		497	500	-0.6	20.0
Ethylene glycol dinitrate	Ave	21.88	22.05		504	500	0.8	20.0
1,3-Dinitrobenzene	Ave	106.1	100.8		475	500	-4.9	20.0
1,3,5-Trinitrobenzene	Ave	82.14	79.18		482	500	-3.6	20.0
2-Nitrotoluene	Ave	63.47	61.84		487	500	-2.6	20.0
4-Nitrotoluene	Ave	63.47	61.84		487	500	-2.6	20.0
3-Nitrotoluene	Ave	42.38	39.90		471	500	-5.8	20.0
3,5-Dinitroaniline	Ave	82.33	80.95		492	500	-1.7	20.0
RDX	Ave	49.04	45.73		466	500	-6.7	20.0
2,4-Dinitrotoluene	Ave	88.34	87.12		493	500	-1.4	20.0
2,6-Dinitrotoluene	Ave	53.63	52.70		491	500	-1.7	20.0
2-Amino-4,6-dinitrotoluene	Ave	74.40	76.75		516	500	3.2	20.0
4-Amino-2,6-dinitrotoluene	Ave	70.31	70.74		503	500	0.6	20.0
2,4,6-Trinitrotoluene	Ave	87.92	94.20		536	500	7.1	20.0
HMX	Ave	65.31	66.47		509	500	1.8	20.0
Nitroglycerin	Ave	91.50	99.16		542	500	8.4	20.0
Tetryl	Ave	118.9	137.0		576	500	15.2	20.0
PETN	Ave	146.8	152.3		519	500	3.8	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICV 320-10422/11 Calibration Date: 02/14/2013 03:05

Instrument ID: LC12 Calib Start Date: 02/13/2013 17:16

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 02/14/2013 00:54

Lab File ID: M000012.D

Analyte	RT	RT WINDOW	
		FROM	TO
Picric acid	0.10	0.00	0.35
Nitrobenzene	22.76	22.51	23.01
Ethylene glycol dinitrate	23.99	23.74	24.24
1,3-Dinitrobenzene	25.86	25.61	26.11
1,3,5-Trinitrobenzene	28.79	28.54	29.04
2-Nitrotoluene	29.95	29.70	30.20
4-Nitrotoluene	29.95	29.70	30.20
3-Nitrotoluene	30.56	30.31	30.81
3,5-Dinitroaniline	31.97	31.72	32.22
RDX	32.58	32.33	32.83
2,4-Dinitrotoluene	33.82	33.57	34.07
2,6-Dinitrotoluene	34.84	34.59	35.09
2-Amino-4,6-dinitrotoluene	36.93	36.68	37.18
4-Amino-2,6-dinitrotoluene	37.50	37.25	37.75
2,4,6-Trinitrotoluene	41.27	41.02	41.52
HMX	42.70	42.45	42.95
Nitroglycerin	45.21	44.96	45.46
Tetryl	46.79	46.54	47.04
PETN	53.11	52.86	53.36

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC12\20130213-2792.b\M000012.D
Lims ID: ICV Client ID:
Inject. Date: 14-Feb-2013 03:05:41 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 320-0002792-011
Misc. Info.:
Operator: RN Instrument ID: LC12
Injection Vol: 500.0 ul ALS Bottle#: 20
Lims Batch ID: 10422 Lims Sample ID: 11
Sublist:

Method: \\SACChrom\ChromData\LC12\20130213-2792.b\LC12_Conf_8330.m
Last Update: 14-Feb-2013 07:52:21 Calib Date: 14-Feb-2013 00:54:32
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC12\20130213-2792.b\M000010.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Zorbax Cyano CN Column Dia: 4.60 mm
Process Host: XAWRK023

First Level Reviewer: noonanr Date: 14-Feb-2013 07:51:34

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
10 2,4,6-Trinitrophenol						
2	0.096	0.096	0.0	87	0	
1	0.096	0.096	0.0	92	0	
5 Nitrobenzene						
1	22.763	22.763	0.0	24018	496.9	
3 Ethylene glycol dinitrate						
2	23.993	23.993	0.0	11023	503.9	
24 1,3-Dinitrobenzene						
1	25.863	25.863	0.0	50405	475.3	
27 1,3,5-Trinitrobenzene						
1	28.786	28.786	0.0	39588	482.0	
16 o-Nitrotoluene						
1	29.953	29.953	0.0	30919	487.1	
15 p-Nitrotoluene						
1	29.953	29.953	0.0	30919	487.1	
8 m-Nitrotoluene						
1	30.560	30.560	0.0	19952	470.8	
9 3,5-Dinitroaniline						
1	31.970	31.970	0.0	40475	491.6	
19 RDX						
1	32.580	32.580	0.0	22864	466.3	
23 2,4-Dinitrotoluene						
1	33.820	33.820	0.0	43562	493.1	
12 2,6-Dinitrotoluene						
1	34.843	34.843	0.0	26351	491.4	
6 2-Amino-4,6-dinitrotoluene						
1	36.933	36.933	0.0	38373	515.8	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
26 4-Amino-2,6-dinitrotoluene						
1	37.503	37.503	0.0	35368	503.0	
25 2,4,6-Trinitrotoluene						
1	41.273	41.273	0.0	47098	535.7	
11 HMX						
1	42.696	42.696	0.0	33235	508.9	
7 Nitroglycerin						
2	45.206	45.206	0.0	49581	541.9	
20 Tetryl						
1	46.786	46.786	0.0	68518	576.1	
21 PETN						
2	53.113	53.113	0.0	76141	518.8	

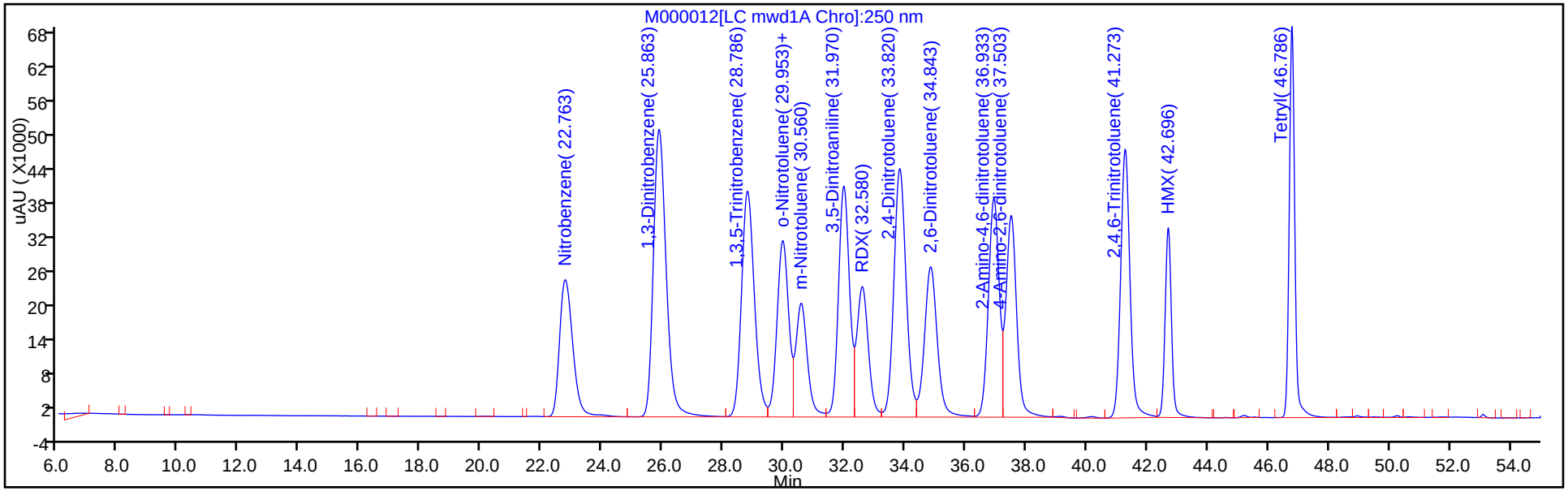
Report Date: 14-Feb-2013 07:52:22 Chrom Revision: 2.1 23-Jan-2013 14:30:26

TestAmerica Sacramento

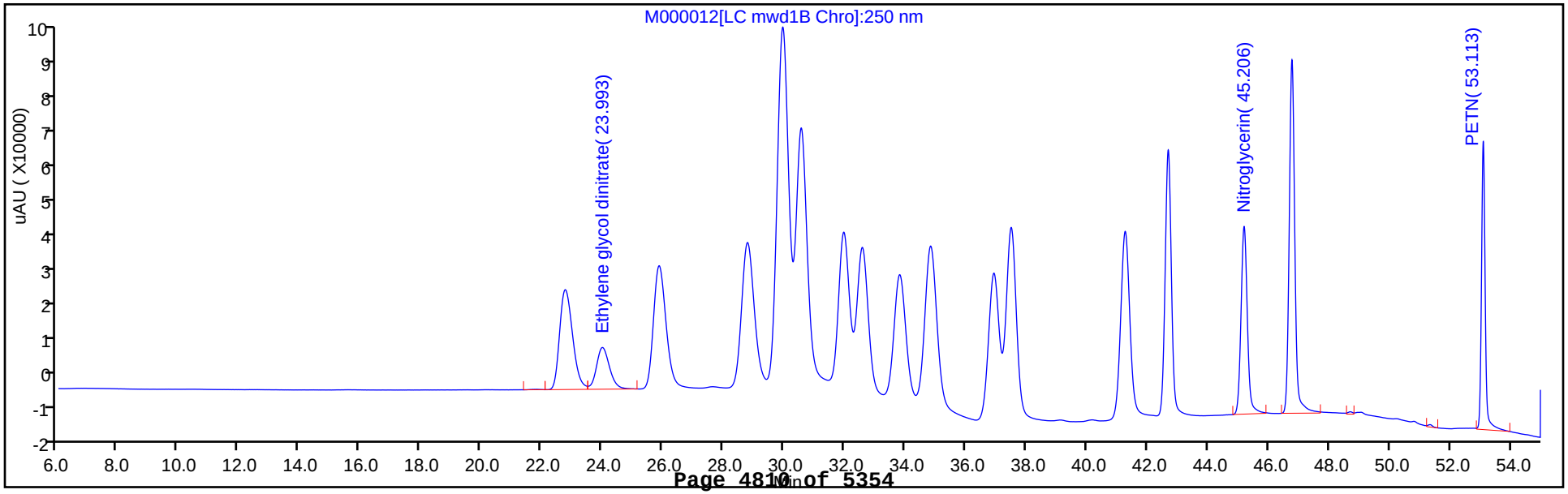
Data File: \\SACChrom\ChromData\LC12\20130213-2792.b\M000012.D

Injection Date:	14-Feb-2013 03:05:41	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	10422	Lims Sample ID:	11
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: LODV 320-10422/12 Calibration Date: 02/14/2013 04:11

Instrument ID: LC12 Calib Start Date: 02/13/2013 17:16

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 02/14/2013 00:54

Lab File ID: M000013.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitrobenzene	Ave	48.34	51.80		5.36	5.00	7.2	
1,3-Dinitrobenzene	Ave	106.1	115.8		5.46	5.00	9.2	
1,3,5-Trinitrobenzene	Ave	82.14	91.20		5.55	5.00	11.0	
2-Nitrotoluene	Ave	63.47	66.80		5.26	5.00	5.2	
4-Nitrotoluene	Ave	63.47	66.80		5.26	5.00	5.2	
3-Nitrotoluene	Ave	42.38	43.20		5.10	5.00	1.9	
3,5-Dinitroaniline	Ave	82.33	100.2		6.09	5.00	21.7	
RDX	Ave	49.04	60.20		6.14	5.00	22.8	
2,4-Dinitrotoluene	Ave	88.34	101.2		5.73	5.00	14.6	
2,6-Dinitrotoluene	Ave	53.63	60.80		5.67	5.00	13.4	
2-Amino-4,6-dinitrotoluene	Ave	74.40	78.40		5.27	5.00	5.4	
4-Amino-2,6-dinitrotoluene	Ave	70.31	78.20		5.56	5.00	11.2	
2,4,6-Trinitrotoluene	Ave	87.92	99.40		5.65	5.00	13.1	
HMX	Ave	65.31	71.80		5.50	5.00	9.9	
Nitroglycerin	Ave	91.50	88.10		19.3	20.0	-3.7	
Tetryl	Ave	118.9	133.4		5.61	5.00	12.2	
PETN	Ave	146.8	141.0		19.2	20.0	-3.9	
3,4-Dinitrotoluene	Ave	53.42	53.85		20.2	20.0	0.8	

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: LODV 320-10422/12 Calibration Date: 02/14/2013 04:11

Instrument ID: LC12 Calib Start Date: 02/13/2013 17:16

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 02/14/2013 00:54

Lab File ID: M000013.D

Analyte	RT	RT WINDOW	
		FROM	TO
Picric acid	0.10	0.00	0.35
Nitrobenzene	22.77	22.51	23.01
1,3-Dinitrobenzene	25.89	25.61	26.11
1,3,5-Trinitrobenzene	28.82	28.54	29.04
2-Nitrotoluene	29.98	29.70	30.20
4-Nitrotoluene	29.98	29.70	30.20
3-Nitrotoluene	30.54	30.31	30.81
3,5-Dinitroaniline	31.94	31.72	32.22
RDX	32.57	32.33	32.83
2,4-Dinitrotoluene	33.81	33.57	34.07
2,6-Dinitrotoluene	34.83	34.59	35.09
2-Amino-4,6-dinitrotoluene	36.92	36.68	37.18
4-Amino-2,6-dinitrotoluene	37.50	37.25	37.75
2,4,6-Trinitrotoluene	41.27	41.02	41.52
HMX	42.69	42.45	42.95
Nitroglycerin	45.18	44.96	45.46
Tetryl	46.77	46.54	47.04
PETN	53.11	52.86	53.36
Ethylene glycol dinitrate			
3,4-Dinitrotoluene	39.07	38.75	39.25

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20130213-2792.b\M000013.D		
Lims ID:	LODV 5-20ng/mL	Client ID:	
Inject. Date:	14-Feb-2013 04:11:14	Dil. Factor:	1.0000
Sample Type:	LODV		
Sample ID:	320-0002792-012		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	10
Lims Batch ID:	10422	Lims Sample ID:	12
Method:	\\SACChrom\ChromData\LC12\20130213-2792.b\LC12_Conf_8330.m		
Last Update:	14-Feb-2013 08:04:02	Calib Date:	14-Feb-2013 00:54:32
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20130213-2792.b\M000010.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK023		
First Level Reviewer: noonanr		Date:	14-Feb-2013 07:52:12

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
10 2,4,6-Trinitrophenol						
2	0.102	0.096	0.006	111	0	
1	0.102	0.096	0.006	99	0	
5 Nitrobenzene						
1	22.772	22.763	0.009	259	5.36	
24 1,3-Dinitrobenzene						
1	25.886	25.863	0.023	579	5.46	
27 1,3,5-Trinitrobenzene						
1	28.816	28.786	0.030	456	5.55	
16 o-Nitrotoluene						
1	29.979	29.953	0.026	334	5.26	
15 p-Nitrotoluene						
1	29.979	29.953	0.026	334	5.26	
8 m-Nitrotoluene						
1	30.539	30.560	-0.021	216	5.10	
9 3,5-Dinitroaniline						
1	31.939	31.970	-0.031	501	6.09	
19 RDX						
1	32.566	32.580	-0.014	301	6.14	
23 2,4-Dinitrotoluene						
1	33.812	33.820	-0.008	506	5.73	
12 2,6-Dinitrotoluene						
1	34.826	34.843	-0.017	304	5.67	
6 2-Amino-4,6-dinitrotoluene						
1	36.919	36.933	-0.014	392	5.27	
26 4-Amino-2,6-dinitrotoluene						
1	37.502	37.503	-0.001	391	5.56	
$ 30 3,4-Dinitrotoluene						
1	39.072	38.999	0.073	1077	20.2	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
25 2,4,6-Trinitrotoluene						
1	41.266	41.273	-0.007	497	5.65	
11 HMX						
1	42.686	42.696	-0.010	359	5.50	
7 Nitroglycerin						
2	45.182	45.206	-0.024	1762	19.3	
20 Tetryl						
1	46.766	46.786	-0.020	667	5.61	
21 PETN						
2	53.109	53.113	-0.004	2820	19.2	

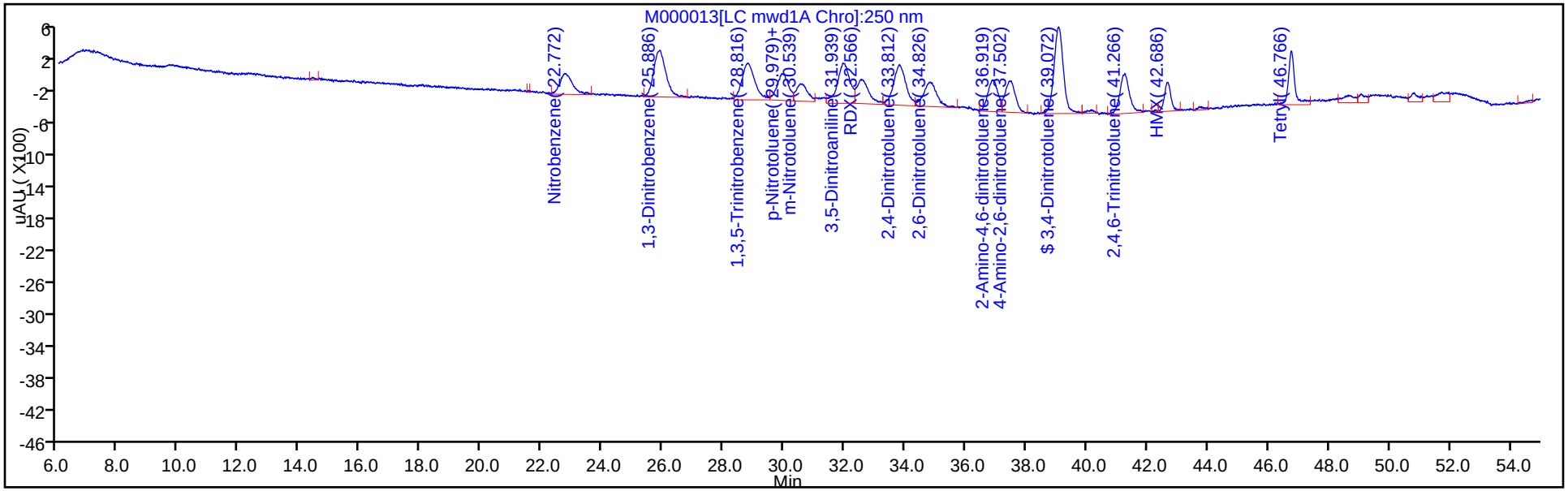
Report Date: 14-Feb-2013 08:04:10 Chrom Revision: 2.1 23-Jan-2013 14:30:26

TestAmerica Sacramento

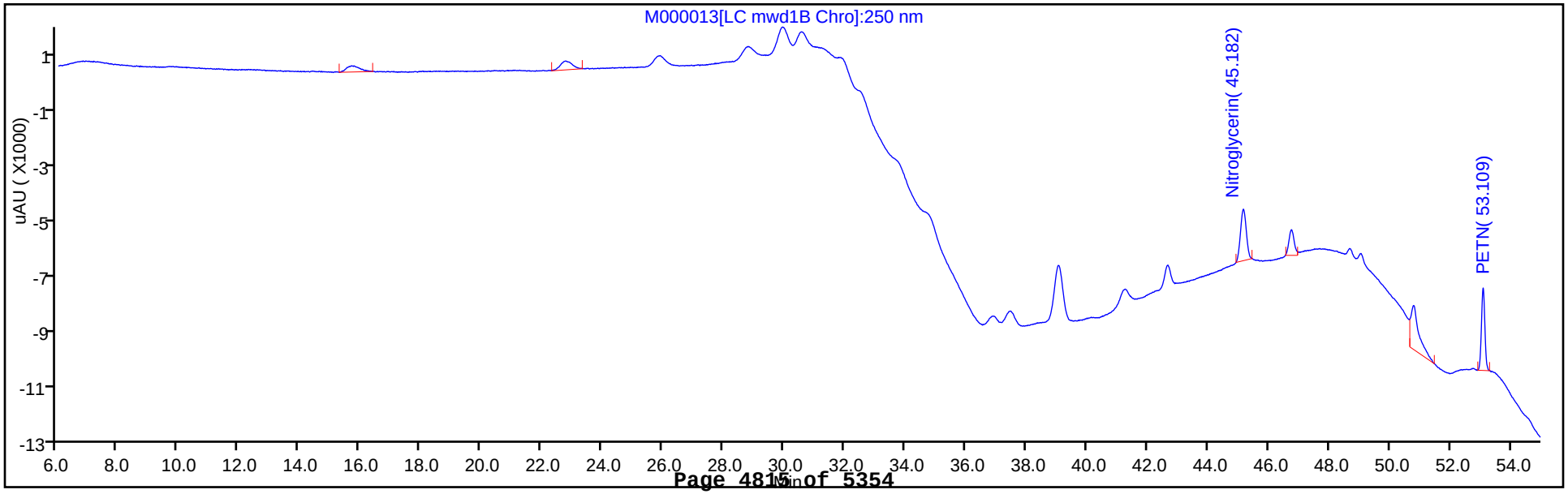
Data File: \\SACChrom\ChromData\LC12\20130213-2792.b\M000013.D

Injection Date:	14-Feb-2013 04:11:14	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	10422	Lims Sample ID:	12
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 320-14998/3 Calibration Date: 04/24/2013 23:18

Instrument ID: LC12 Calib Start Date: 02/13/2013 17:16

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 02/14/2013 00:54

Lab File ID: X000029.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitrobenzene	Ave	48.34	47.57		197	200	-1.6	20.0
Ethylene glycol dinitrate	Ave	21.88	23.28		213	200	6.4	20.0
1,3-Dinitrobenzene	Ave	106.1	103.4		195	200	-2.5	20.0
1,3,5-Trinitrobenzene	Ave	82.14	79.07		193	200	-3.7	20.0
2-Nitrotoluene	Ave	63.47	60.74		191	200	-4.3	20.0
4-Nitrotoluene	Ave	63.47	60.74		191	200	-4.3	20.0
3-Nitrotoluene	Ave	42.38	40.48		191	200	-4.5	20.0
3,5-Dinitroaniline	Ave	82.33	80.71		196	200	-2.0	20.0
RDX	Ave	49.04	45.88		187	200	-6.4	20.0
2,4-Dinitrotoluene	Ave	88.34	89.22		202	200	1.0	20.0
2,6-Dinitrotoluene	Ave	53.63	53.22		198	200	-0.8	20.0
2-Amino-4,6-dinitrotoluene	Ave	74.40	72.23		194	200	-2.9	20.0
4-Amino-2,6-dinitrotoluene	Ave	70.31	66.85		190	200	-4.9	20.0
2,4,6-Trinitrotoluene	Ave	87.92	83.95		191	200	-4.5	20.0
HMX	Ave	65.31	62.61		192	200	-4.1	20.0
Nitroglycerin	Ave	91.50	86.75		190	200	-5.2	20.0
Tetryl	Ave	118.9	121.8		205	200	2.4	20.0
PETN	Ave	146.8	139.0		189	200	-5.3	20.0
3,4-Dinitrotoluene	Ave	53.42	50.66		190	200	-5.2	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 320-14998/3 Calibration Date: 04/24/2013 23:18

Instrument ID: LC12 Calib Start Date: 02/13/2013 17:16

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 02/14/2013 00:54

Lab File ID: X000029.D

Analyte	RT	RT WINDOW	
		FROM	TO
Nitrobenzene	22.32	22.07	22.57
Ethylene glycol dinitrate	23.28	23.03	23.53
1,3-Dinitrobenzene	25.27	25.02	25.52
1,3,5-Trinitrobenzene	27.97	27.72	28.22
2-Nitrotoluene	29.54	29.29	29.79
4-Nitrotoluene	29.54	29.29	29.79
3-Nitrotoluene	30.14	29.89	30.39
3,5-Dinitroaniline	31.40	31.15	31.65
RDX	32.01	31.76	32.26
2,4-Dinitrotoluene	33.22	32.97	33.47
2,6-Dinitrotoluene	34.24	33.99	34.49
2-Amino-4,6-dinitrotoluene	36.34	36.09	36.59
4-Amino-2,6-dinitrotoluene	36.97	36.72	37.22
2,4,6-Trinitrotoluene	40.68	40.43	40.93
HMX	42.42	42.17	42.67
Nitroglycerin	44.93	44.68	45.18
Tetryl	46.62	46.37	46.87
PETN	53.14	52.89	53.39
3,4-Dinitrotoluene	38.69	38.44	38.94

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC12\20130424-4083.b\X000029.D
Lims ID: CCV 06 Client ID:
Inject. Date: 24-Apr-2013 23:18:37 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 320-0004083-003
Misc. Info.:
Operator: RN Instrument ID: LC12
Injection Vol: 500.0 ul ALS Bottle#: 5
Lims Batch ID: 14998 Lims Sample ID: 3
Sublist: chrom-LC12_Conf_8330*sub1

Method: \\SACChrom\ChromData\LC12\20130424-4083.b\LC12_Conf_8330.m
Last Update: 25-Apr-2013 09:45:34 Calib Date: 07-Mar-2013 16:35:05
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC12\20130307-3157.b\G000007.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Zorbax Cyano CN Column Dia: 4.60 mm
Process Host: XAWRK032

First Level Reviewer: noonanr Date: 25-Apr-2013 09:45:34

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
10 2,4,6-Trinitrophenol						
2	0.094	0.094	0.0	94	0	
1	0.094	0.094	0.0	99	0	
5 Nitrobenzene						
1	22.324	22.324	0.0	9514	196.8	
3 Ethylene glycol dinitrate						
2	23.281	23.281	0.0	4656	212.8	
24 1,3-Dinitrobenzene						
1	25.267	25.267	0.0	20672	194.9	
27 1,3,5-Trinitrobenzene						
1	27.971	27.971	0.0	15814	192.5	
16 o-Nitrotoluene						
1	29.544	29.544	0.0	12147	191.4	
15 p-Nitrotoluene						
1	29.544	29.544	0.0	12147	191.4	
8 m-Nitrotoluene						
1	30.137	30.137	0.0	8096	191.0	
9 3,5-Dinitroaniline						
1	31.397	31.397	0.0	16142	196.1	
19 RDX						
1	32.014	32.014	0.0	9175	187.1	
23 2,4-Dinitrotoluene						
1	33.217	33.217	0.0	17844	202.0	
12 2,6-Dinitrotoluene						
1	34.241	34.241	0.0	10644	198.5	
6 2-Amino-4,6-dinitrotoluene						
1	36.344	36.344	0.0	14445	194.1	

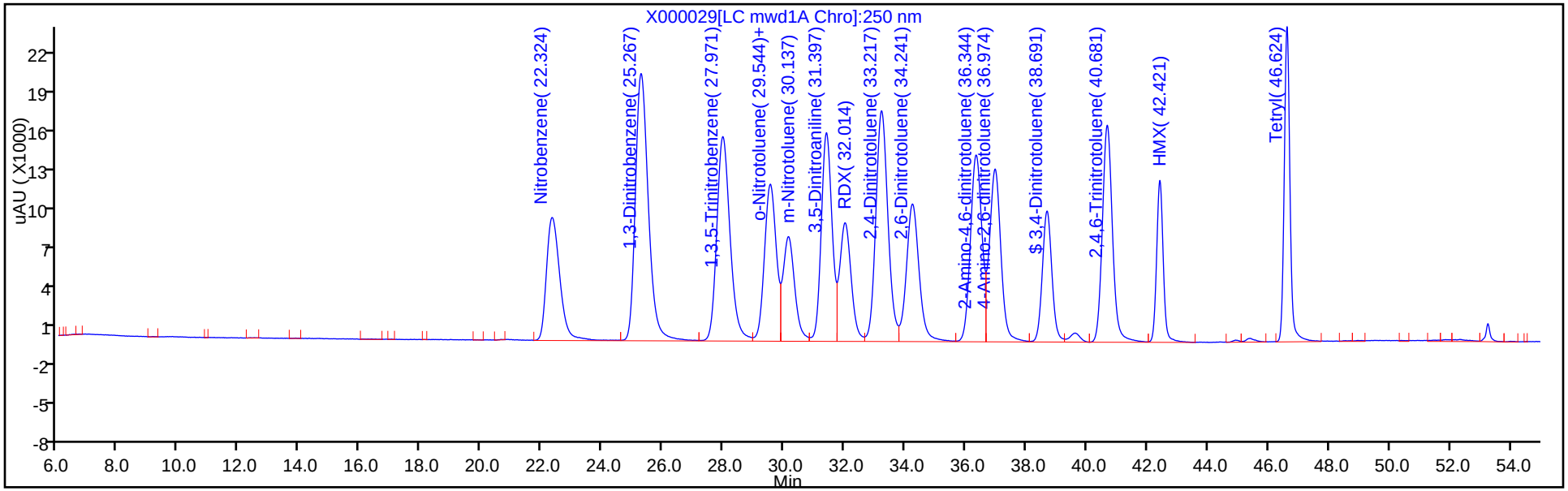
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
26 4-Amino-2,6-dinitrotoluene						
1	36.974	36.974	0.0	13369	190.1	
$ 30 3,4-Dinitrotoluene						
1	38.691	38.691	0.0	10131	189.7	
25 2,4,6-Trinitrotoluene						
1	40.681	40.681	0.0	16789	191.0	
11 HMX						
1	42.421	42.421	0.0	12522	191.7	
7 Nitroglycerin						
2	44.931	44.931	0.0	17349	189.6	
20 Tetryl						
1	46.624	46.624	0.0	24368	204.9	
21 PETN						
2	53.144	53.144	0.0	27806	189.5	

Report Date: 25-Apr-2013 09:45:34 Chrom Revision: 2.1 07-Apr-2013 20:36:54

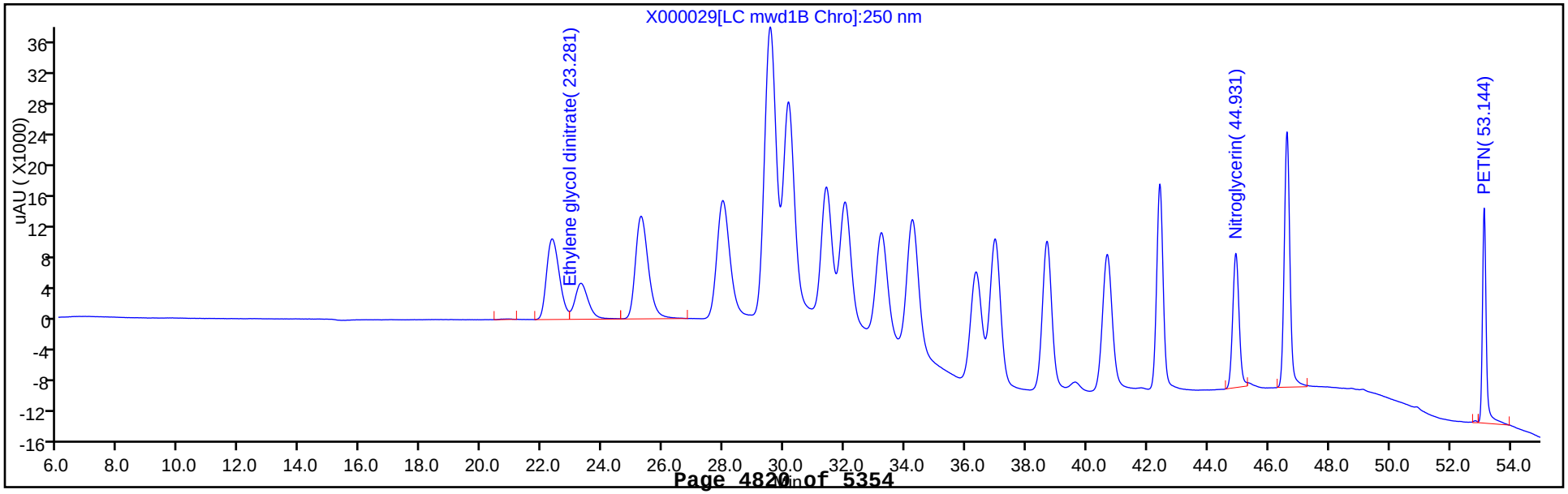
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC12\20130424-4083.b\X000029.D		
Injection Date:	24-Apr-2013 23:18:37	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	14998	Lims Sample ID:	3
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCVL 320-14998/4 Calibration Date: 04/25/2013 00:24

Instrument ID: LC12 Calib Start Date: 02/13/2013 17:16

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 02/14/2013 00:54

Lab File ID: X000030.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitrobenzene	Ave	48.34	51.80		5.36	5.00	7.2	20.0
1,3-Dinitrobenzene	Ave	106.1	109.2		5.15	5.00	3.0	20.0
1,3,5-Trinitrobenzene	Ave	82.14	85.40		5.20	5.00	4.0	20.0
2-Nitrotoluene	Ave	63.47	67.40		5.31	5.00	6.2	20.0
4-Nitrotoluene	Ave	63.47	67.40		5.31	5.00	6.2	20.0
3-Nitrotoluene	Ave	42.38	49.00		5.78	5.00	15.6	20.0
3,5-Dinitroaniline	Ave	82.33	94.20		5.72	5.00	14.4	20.0
RDX	Ave	49.04	64.00		6.53	5.00	30.5*	20.0
2,4-Dinitrotoluene	Ave	88.34	96.40		5.46	5.00	9.1	20.0
2,6-Dinitrotoluene	Ave	53.63	57.20		5.33	5.00	6.7	20.0
2-Amino-4,6-dinitrotoluene	Ave	74.40	72.80		4.89	5.00	-2.2	20.0
4-Amino-2,6-dinitrotoluene	Ave	70.31	62.40		4.44	5.00	-11.3	20.0
2,4,6-Trinitrotoluene	Ave	87.92	82.60		4.70	5.00	-6.0	20.0
HMX	Ave	65.31	67.00		5.13	5.00	2.6	20.0
Nitroglycerin	Ave	91.50	84.85		18.5	20.0	-7.3	20.0
Tetryl	Ave	118.9	119.4		5.02	5.00	0.4	20.0
PETN	Ave	146.8	136.9		18.7	20.0	-6.7	20.0
3,4-Dinitrotoluene	Ave	53.42	52.20		19.5	20.0	-2.3	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCVL 320-14998/4 Calibration Date: 04/25/2013 00:24

Instrument ID: LC12 Calib Start Date: 02/13/2013 17:16

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 02/14/2013 00:54

Lab File ID: X000030.D

Analyte	RT	RT WINDOW	
		FROM	TO
Nitrobenzene	22.35	22.10	22.60
1,3-Dinitrobenzene	25.28	25.03	25.53
1,3,5-Trinitrobenzene	27.95	27.70	28.20
2-Nitrotoluene	29.51	29.26	29.76
4-Nitrotoluene	29.51	29.26	29.76
3-Nitrotoluene	30.09	29.84	30.34
3,5-Dinitroaniline	31.37	31.12	31.62
RDX	31.94	31.69	32.19
2,4-Dinitrotoluene	33.19	32.94	33.44
2,6-Dinitrotoluene	34.20	33.95	34.45
2-Amino-4,6-dinitrotoluene	36.27	36.02	36.52
4-Amino-2,6-dinitrotoluene	36.94	36.69	37.19
2,4,6-Trinitrotoluene	40.61	40.36	40.86
HMX	42.35	42.10	42.60
Nitroglycerin	44.88	44.63	45.13
Tetryl	46.59	46.34	46.84
PETN	53.16	52.91	53.41
3,4-Dinitrotoluene	38.62	38.37	38.87

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20130424-4083.b\X000030.D		
Lims ID:	CCVL	Client ID:	
Inject. Date:	25-Apr-2013 00:24:39	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	320-0004083-004		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	8
Lims Batch ID:	14998	Lims Sample ID:	4
Sublist:	chrom-LC12_Conf_8330*sub4		
Method:	\\SACChrom\ChromData\LC12\20130424-4083.b\LC12_Conf_8330.m		
Last Update:	25-Apr-2013 09:46:01	Calib Date:	07-Mar-2013 16:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20130307-3157.b\G000007.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK032		

First Level Reviewer: noonanr Date: 25-Apr-2013 09:46:01

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	22.353	22.353	0.0	259	5.36	
24 1,3-Dinitrobenzene						
1	25.283	25.283	0.0	546	5.15	
27 1,3,5-Trinitrobenzene						
1	27.946	27.946	0.0	427	5.20	
16 o-Nitrotoluene						
1	29.513	29.513	0.0	337	5.31	
15 p-Nitrotoluene						
1	29.513	29.513	0.0	337	5.31	
8 m-Nitrotoluene						
1	30.086	30.086	0.0	245	5.78	
9 3,5-Dinitroaniline						
1	31.373	31.373	0.0	471	5.72	
19 RDX						
1	31.943	31.943	0.0	320	6.53	
23 2,4-Dinitrotoluene						
1	33.186	33.186	0.0	482	5.46	
12 2,6-Dinitrotoluene						
1	34.196	34.196	0.0	286	5.33	
6 2-Amino-4,6-dinitrotoluene						
1	36.266	36.266	0.0	364	4.89	
26 4-Amino-2,6-dinitrotoluene						
1	36.939	36.939	0.0	312	4.44	
$ 30 3,4-Dinitrotoluene						
1	38.623	38.623	0.0	1044	19.5	
25 2,4,6-Trinitrotoluene						
1	40.606	40.606	0.0	413	4.70	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	42.349	42.349	0.0	335	5.13	
7 Nitroglycerin						
2	44.883	44.883	0.0	1697	18.5	
20 Tetryl						
1	46.586	46.586	0.0	597	5.02	
21 PETN						
2	53.156	53.156	0.0	2738	18.7	

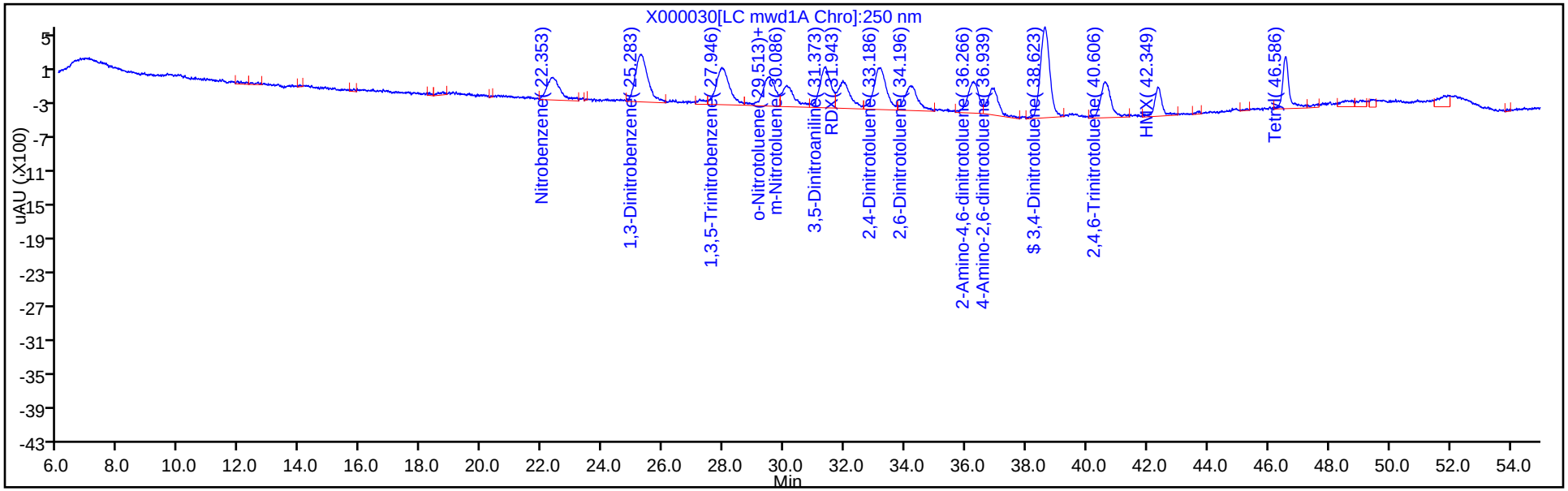
Report Date: 25-Apr-2013 09:46:01 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

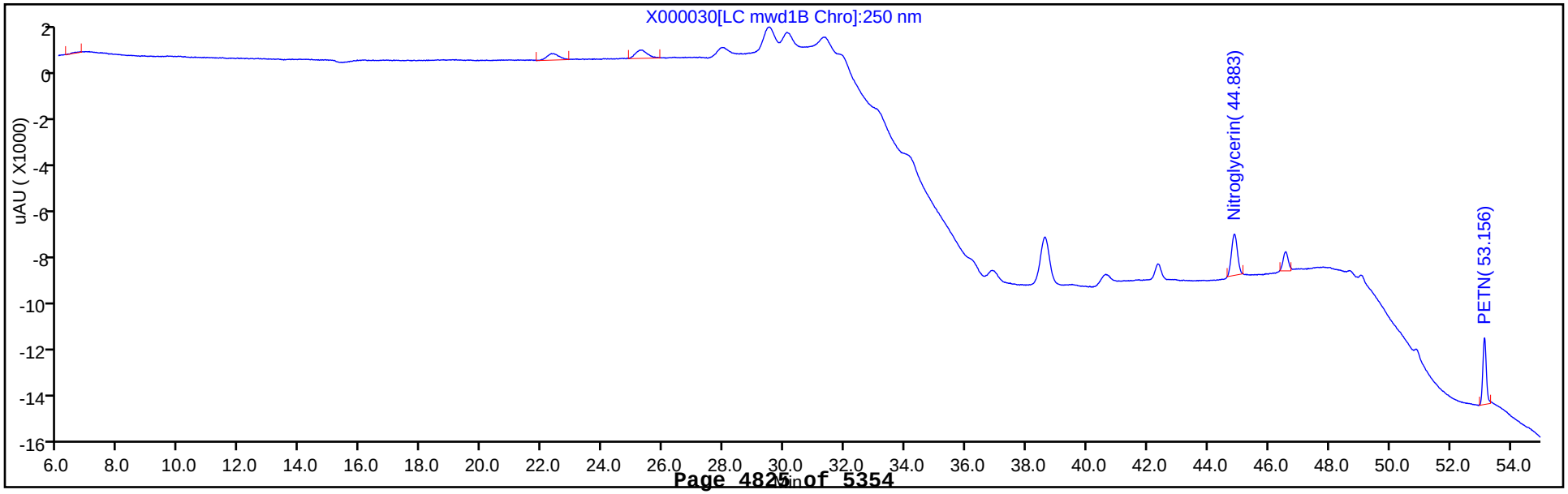
Data File: \\SACChrom\ChromData\LC12\20130424-4083.b\X000030.D

Injection Date:	25-Apr-2013 00:24:39	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	14998	Lims Sample ID:	4
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 320-14998/13 Calibration Date: 04/25/2013 10:19

Instrument ID: LC12 Calib Start Date: 02/13/2013 17:16

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 02/14/2013 00:54

Lab File ID: X000039.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitrobenzene	Ave	48.34	48.97		101	100	1.3	20.0
Ethylene glycol dinitrate	Ave	21.88	23.46		107	100	7.2	20.0
1,3-Dinitrobenzene	Ave	106.1	105.4		99.4	100	-0.6	20.0
1,3,5-Trinitrobenzene	Ave	82.14	79.73		97.1	100	-2.9	20.0
2-Nitrotoluene	Ave	63.47	61.44		96.8	100	-3.2	20.0
4-Nitrotoluene	Ave	63.47	61.44		96.8	100	-3.2	20.0
3-Nitrotoluene	Ave	42.38	40.90		96.5	100	-3.5	20.0
3,5-Dinitroaniline	Ave	82.33	82.01		99.6	100	-0.4	20.0
RDX	Ave	49.04	46.84		95.5	100	-4.5	20.0
2,4-Dinitrotoluene	Ave	88.34	90.25		102	100	2.2	20.0
2,6-Dinitrotoluene	Ave	53.63	53.71		100	100	0.2	20.0
2-Amino-4,6-dinitrotoluene	Ave	74.40	72.45		97.4	100	-2.6	20.0
4-Amino-2,6-dinitrotoluene	Ave	70.31	66.52		94.6	100	-5.4	20.0
2,4,6-Trinitrotoluene	Ave	87.92	83.24		94.7	100	-5.3	20.0
HMX	Ave	65.31	62.99		96.5	100	-3.5	20.0
Nitroglycerin	Ave	91.50	86.48		94.5	100	-5.5	20.0
Tetryl	Ave	118.9	120.7		101	100	1.5	20.0
PETN	Ave	146.8	135.6		92.4	100	-7.6	20.0
3,4-Dinitrotoluene	Ave	53.42	51.22		95.9	100	-4.1	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 320-14998/13 Calibration Date: 04/25/2013 10:19

Instrument ID: LC12 Calib Start Date: 02/13/2013 17:16

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 02/14/2013 00:54

Lab File ID: X000039.D

Analyte	RT	RT WINDOW	
		FROM	TO
Nitrobenzene	22.33	22.08	22.58
Ethylene glycol dinitrate	23.25	23.00	23.50
1,3-Dinitrobenzene	25.26	25.01	25.51
1,3,5-Trinitrobenzene	27.94	27.69	28.19
2-Nitrotoluene	29.53	29.28	29.78
4-Nitrotoluene	29.53	29.28	29.78
3-Nitrotoluene	30.13	29.88	30.38
3,5-Dinitroaniline	31.36	31.11	31.61
RDX	31.98	31.73	32.23
2,4-Dinitrotoluene	33.19	32.94	33.44
2,6-Dinitrotoluene	34.21	33.96	34.46
2-Amino-4,6-dinitrotoluene	36.32	36.07	36.57
4-Amino-2,6-dinitrotoluene	36.94	36.69	37.19
2,4,6-Trinitrotoluene	40.65	40.40	40.90
HMX	42.39	42.14	42.64
Nitroglycerin	44.90	44.65	45.15
Tetryl	46.60	46.35	46.85
PETN	53.16	52.91	53.41
3,4-Dinitrotoluene	38.67	38.42	38.92

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC12\20130424-4083.b\X000039.D
Lims ID: CCV 05 Client ID:
Inject. Date: 25-Apr-2013 10:19:52 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 320-0004083-013
Misc. Info.:
Operator: RN Instrument ID: LC12
Injection Vol: 500.0 ul ALS Bottle#: 6
Lims Batch ID: 14998 Lims Sample ID: 13
Sublist: chrom-LC12_Conf_8330*sub1

Method: \\SACChrom\ChromData\LC12\20130424-4083.b\LC12_Conf_8330.m
Last Update: 25-Apr-2013 12:16:40 Calib Date: 07-Mar-2013 16:35:05
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC12\20130307-3157.b\G000007.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Zorbax Cyano CN Column Dia: 4.60 mm
Process Host: XAWRK032

First Level Reviewer: noonanr Date: 25-Apr-2013 12:16:40

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
10 2,4,6-Trinitrophenol						
2	0.225	0.225	0.0	156	0	
1	0.081	0.081	0.0	86	0	
5 Nitrobenzene						
1	22.328	22.328	0.0	4897	101.3	
3 Ethylene glycol dinitrate						
2	23.251	23.251	0.0	2346	107.2	
24 1,3-Dinitrobenzene						
1	25.255	25.255	0.0	10544	99.4	
27 1,3,5-Trinitrobenzene						
1	27.938	27.938	0.0	7973	97.1	
16 o-Nitrotoluene						
1	29.528	29.528	0.0	6144	96.8	
15 p-Nitrotoluene						
1	29.528	29.528	0.0	6144	96.8	
8 m-Nitrotoluene						
1	30.125	30.125	0.0	4090	96.5	
9 3,5-Dinitroaniline						
1	31.361	31.361	0.0	8201	99.6	
19 RDX						
1	31.978	31.978	0.0	4684	95.5	
23 2,4-Dinitrotoluene						
1	33.188	33.188	0.0	9025	102.2	
12 2,6-Dinitrotoluene						
1	34.211	34.211	0.0	5371	100.2	
6 2-Amino-4,6-dinitrotoluene						
1	36.315	36.315	0.0	7245	97.4	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
26 4-Amino-2,6-dinitrotoluene						
1	36.941	36.941	0.0	6652	94.6	
$ 30 3,4-Dinitrotoluene						
1	38.668	38.668	0.0	5122	95.9	
25 2,4,6-Trinitrotoluene						
1	40.645	40.645	0.0	8324	94.7	
11 HMX						
1	42.388	42.388	0.0	6299	96.5	
7 Nitroglycerin						
2	44.895	44.895	0.0	8648	94.5	
20 Tetryl						
1	46.598	46.598	0.0	12068	101.5	
21 PETN						
2	53.155	53.155	0.0	13563	92.4	

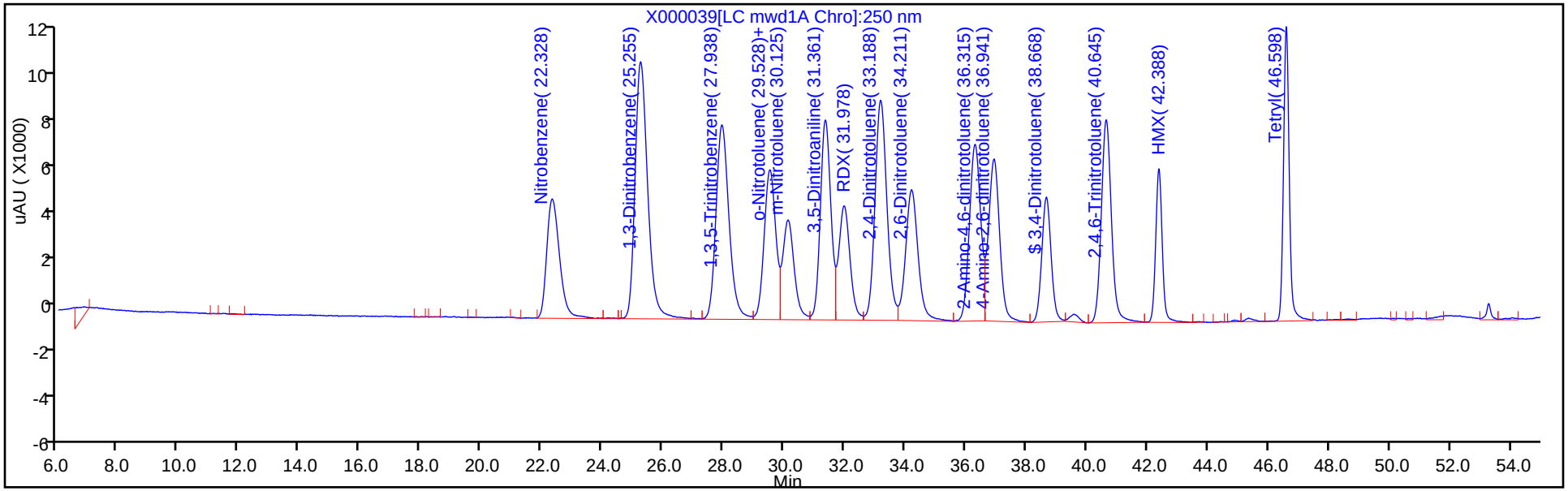
Report Date: 25-Apr-2013 12:16:41 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

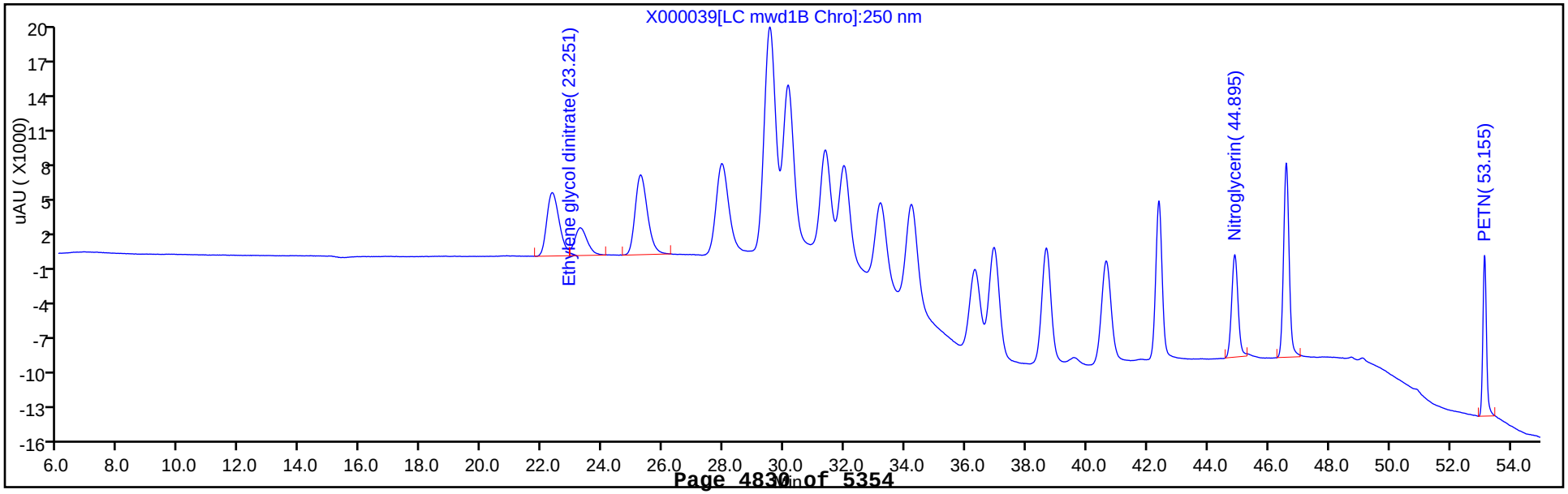
Data File: \\SACChrom\ChromData\LC12\20130424-4083.b\X000039.D

Injection Date:	25-Apr-2013 10:19:52	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	14998	Lims Sample ID:	13
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 320-14998/23 Calibration Date: 04/25/2013 21:20

Instrument ID: LC12 Calib Start Date: 02/13/2013 17:16

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 02/14/2013 00:54

Lab File ID: X000049.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitrobenzene	Ave	48.34	48.01		99.3	100	-0.7	20.0
Ethylene glycol dinitrate	Ave	21.88	23.50		107	100	7.4	20.0
1,3-Dinitrobenzene	Ave	106.1	105.0		99.0	100	-1.0	20.0
1,3,5-Trinitrobenzene	Ave	82.14	79.65		97.0	100	-3.0	20.0
2-Nitrotoluene	Ave	63.47	60.02		94.6	100	-5.4	20.0
4-Nitrotoluene	Ave	63.47	60.02		94.6	100	-5.4	20.0
3-Nitrotoluene	Ave	42.38	40.21		94.9	100	-5.1	20.0
3,5-Dinitroaniline	Ave	82.33	81.76		99.3	100	-0.7	20.0
RDX	Ave	49.04	46.31		94.4	100	-5.6	20.0
2,4-Dinitrotoluene	Ave	88.34	89.61		101	100	1.4	20.0
2,6-Dinitrotoluene	Ave	53.63	53.10		99.0	100	-1.0	20.0
2-Amino-4,6-dinitrotoluene	Ave	74.40	72.56		97.5	100	-2.5	20.0
4-Amino-2,6-dinitrotoluene	Ave	70.31	67.02		95.3	100	-4.7	20.0
2,4,6-Trinitrotoluene	Ave	87.92	84.09		95.6	100	-4.4	20.0
HMX	Ave	65.31	62.80		96.2	100	-3.8	20.0
Nitroglycerin	Ave	91.50	86.49		94.5	100	-5.5	20.0
Tetryl	Ave	118.9	121.3		102	100	2.0	20.0
PETN	Ave	146.8	139.8		95.3	100	-4.7	20.0
3,4-Dinitrotoluene	Ave	53.42	51.27		96.0	100	-4.0	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCV 320-14998/23 Calibration Date: 04/25/2013 21:20

Instrument ID: LC12 Calib Start Date: 02/13/2013 17:16

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 02/14/2013 00:54

Lab File ID: X000049.D

Analyte	RT	RT WINDOW	
		FROM	TO
Nitrobenzene	22.38	22.13	22.63
Ethylene glycol dinitrate	23.30	23.05	23.55
1,3-Dinitrobenzene	25.31	25.06	25.56
1,3,5-Trinitrobenzene	28.00	27.75	28.25
2-Nitrotoluene	29.61	29.36	29.86
4-Nitrotoluene	29.61	29.36	29.86
3-Nitrotoluene	30.21	29.96	30.46
3,5-Dinitroaniline	31.43	31.18	31.68
RDX	32.05	31.80	32.30
2,4-Dinitrotoluene	33.28	33.03	33.53
2,6-Dinitrotoluene	34.31	34.06	34.56
2-Amino-4,6-dinitrotoluene	36.42	36.17	36.67
4-Amino-2,6-dinitrotoluene	37.04	36.79	37.29
2,4,6-Trinitrotoluene	40.74	40.49	40.99
HMX	42.45	42.20	42.70
Nitroglycerin	44.97	44.72	45.22
Tetryl	46.66	46.41	46.91
PETN	53.14	52.89	53.39
3,4-Dinitrotoluene	38.77	38.52	39.02

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC12\20130424-4083.b\X000049.D
Lims ID: CCV 05 Client ID:
Inject. Date: 25-Apr-2013 21:20:54 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 320-0004083-023
Misc. Info.:
Operator: RN Instrument ID: LC12
Injection Vol: 500.0 ul ALS Bottle#: 6
Lims Batch ID: 14998 Lims Sample ID: 23
Sublist: chrom-LC12_Conf_8330*sub1

Method: \\SACChrom\ChromData\LC12\20130424-4083.b\LC12_Conf_8330.m
Last Update: 26-Apr-2013 09:47:01 Calib Date: 07-Mar-2013 16:35:05
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC12\20130307-3157.b\G000007.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Zorbax Cyano CN Column Dia: 4.60 mm
Process Host: XAWRK019

First Level Reviewer: noonanr Date: 26-Apr-2013 09:47:01

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	22.383	22.383	0.0	4801	99.3	
3 Ethylene glycol dinitrate						
2	23.303	23.303	0.0	2350	107.4	
24 1,3-Dinitrobenzene						
1	25.313	25.313	0.0	10500	99.0	
27 1,3,5-Trinitrobenzene						
1	28.000	28.000	0.0	7965	97.0	
16 o-Nitrotoluene						
1	29.610	29.610	0.0	6002	94.6	
15 p-Nitrotoluene						
1	29.610	29.610	0.0	6002	94.6	
8 m-Nitrotoluene						
1	30.210	30.210	0.0	4021	94.9	
9 3,5-Dinitroaniline						
1	31.433	31.433	0.0	8176	99.3	
19 RDX						
1	32.050	32.050	0.0	4631	94.4	
23 2,4-Dinitrotoluene						
1	33.283	33.283	0.0	8961	101.4	
12 2,6-Dinitrotoluene						
1	34.313	34.313	0.0	5310	99.0	
6 2-Amino-4,6-dinitrotoluene						
1	36.416	36.416	0.0	7256	97.5	
26 4-Amino-2,6-dinitrotoluene						
1	37.040	37.040	0.0	6702	95.3	
$ 30 3,4-Dinitrotoluene						
1	38.766	38.766	0.0	5127	96.0	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
25 2,4,6-Trinitrotoluene						
1	40.740	40.740	0.0	8409	95.6	
11 HMX						
1	42.446	42.446	0.0	6280	96.2	
7 Nitroglycerin						
2	44.966	44.966	0.0	8649	94.5	
20 Tetryl						
1	46.663	46.663	0.0	12128	102.0	
21 PETN						
2	53.143	53.143	0.0	13979	95.3	

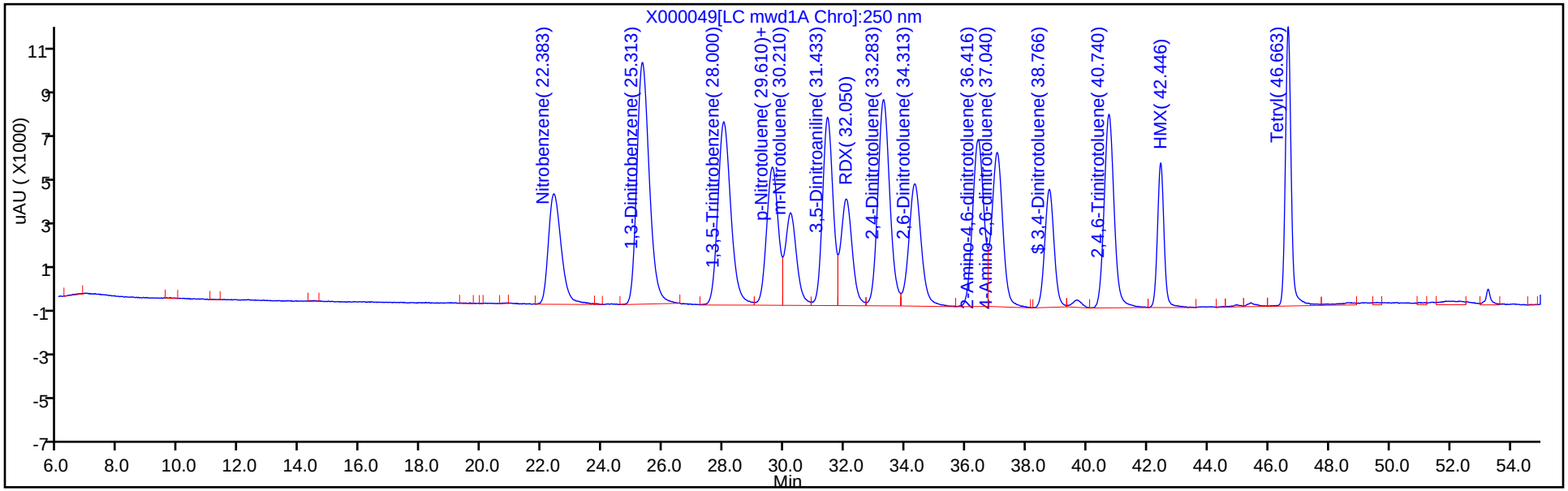
Report Date: 26-Apr-2013 09:47:01 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

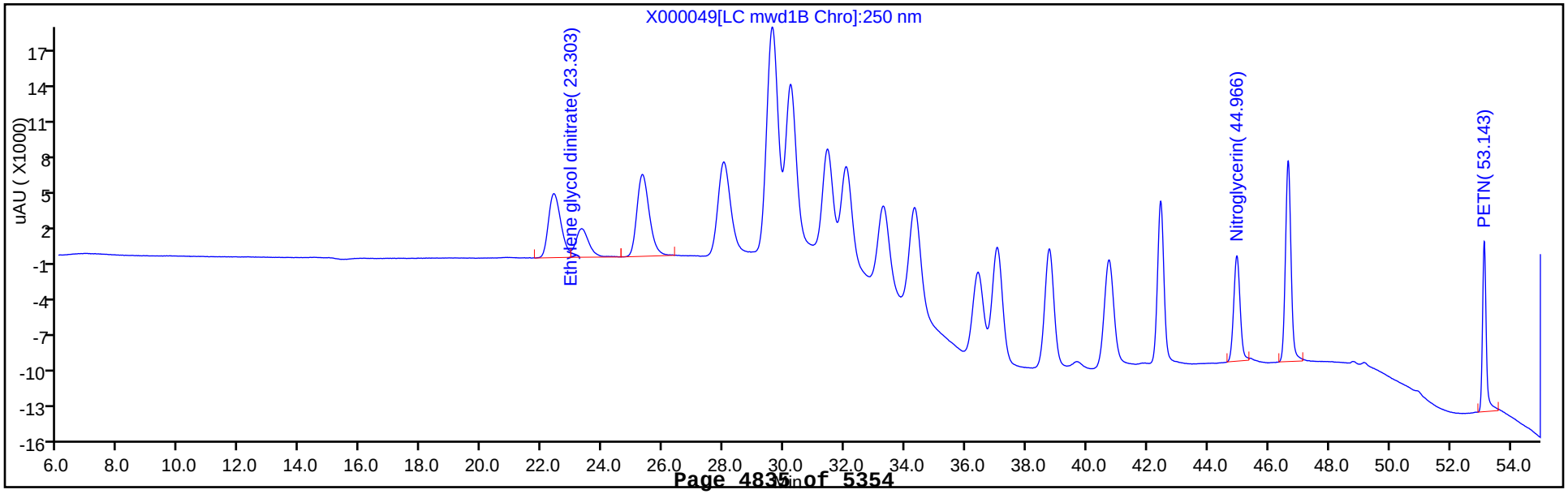
Data File: \\SACChrom\ChromData\LC12\20130424-4083.b\X000049.D

Injection Date:	25-Apr-2013 21:20:54	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	14998	Lims Sample ID:	23
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCVL 320-14998/36 Calibration Date: 04/26/2013 20:29

Instrument ID: LC12 Calib Start Date: 02/13/2013 17:16

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 02/14/2013 00:54

Lab File ID: X000070.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitrobenzene	Ave	48.34	48.00		4.96	5.00	-0.7	20.0
1,3-Dinitrobenzene	Ave	106.1	107.4		5.06	5.00	1.3	20.0
1,3,5-Trinitrobenzene	Ave	82.14	85.00		5.17	5.00	3.5	20.0
2-Nitrotoluene	Ave	63.47	63.20		4.98	5.00	-0.4	20.0
4-Nitrotoluene	Ave	63.47	63.20		4.98	5.00	-0.4	20.0
3-Nitrotoluene	Ave	42.38	45.80		5.40	5.00	8.1	20.0
3,5-Dinitroaniline	Ave	82.33	96.00		5.83	5.00	16.6	20.0
RDX	Ave	49.04	58.80		6.00	5.00	19.9	20.0
2,4-Dinitrotoluene	Ave	88.34	92.80		5.25	5.00	5.0	20.0
2,6-Dinitrotoluene	Ave	53.63	56.60		5.28	5.00	5.5	20.0
2-Amino-4,6-dinitrotoluene	Ave	74.40	70.00		4.70	5.00	-5.9	20.0
4-Amino-2,6-dinitrotoluene	Ave	70.31	65.40		4.65	5.00	-7.0	20.0
2,4,6-Trinitrotoluene	Ave	87.92	86.00		4.89	5.00	-2.2	20.0
HMX	Ave	65.31	65.60		5.02	5.00	0.4	20.0
Nitroglycerin	Ave	91.50	89.45		19.6	20.0	-2.2	20.0
Tetryl	Ave	118.9	120.4		5.06	5.00	1.2	20.0
PETN	Ave	146.8	135.9		18.5	20.0	-7.4	20.0
3,4-Dinitrotoluene	Ave	53.42	52.65		19.7	20.0	-1.4	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Lab Sample ID: CCVL 320-14998/36 Calibration Date: 04/26/2013 20:29

Instrument ID: LC12 Calib Start Date: 02/13/2013 17:16

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 02/14/2013 00:54

Lab File ID: X000070.D

Analyte	RT	RT WINDOW	
		FROM	TO
Nitrobenzene	22.43	22.18	22.68
1,3-Dinitrobenzene	25.36	25.11	25.61
1,3,5-Trinitrobenzene	28.09	27.84	28.34
2-Nitrotoluene	29.65	29.40	29.90
4-Nitrotoluene	29.65	29.40	29.90
3-Nitrotoluene	30.26	30.01	30.51
3,5-Dinitroaniline	31.51	31.26	31.76
RDX	32.14	31.89	32.39
2,4-Dinitrotoluene	33.34	33.09	33.59
2,6-Dinitrotoluene	34.41	34.16	34.66
2-Amino-4,6-dinitrotoluene	36.50	36.25	36.75
4-Amino-2,6-dinitrotoluene	37.15	36.90	37.40
2,4,6-Trinitrotoluene	40.84	40.59	41.09
HMX	42.52	42.27	42.77
Nitroglycerin	45.03	44.78	45.28
Tetryl	46.72	46.47	46.97
PETN	53.23	52.98	53.48
3,4-Dinitrotoluene	38.85	38.60	39.10

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20130424-4083.b\X000070.D		
Lims ID:	CCVL	Client ID:	
Inject. Date:	26-Apr-2013 20:29:22	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	320-0004083-036		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	8
Lims Batch ID:	14998	Lims Sample ID:	36
Sublist:	chrom-LC12_Conf_8330*sub4		
Method:	\\SACChrom\ChromData\LC12\20130424-4083.b\LC12_Conf_8330.m		
Last Update:	29-Apr-2013 08:08:07	Calib Date:	07-Mar-2013 16:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20130307-3157.b\G000007.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK023		

First Level Reviewer: noonanr Date: 29-Apr-2013 08:08:07

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	22.430	22.430	0.0	240	4.96	
24 1,3-Dinitrobenzene						
1	25.357	25.357	0.0	537	5.06	
27 1,3,5-Trinitrobenzene						
1	28.094	28.094	0.0	425	5.17	
16 o-Nitrotoluene						
1	29.647	29.647	0.0	316	4.98	
15 p-Nitrotoluene						
1	29.647	29.647	0.0	316	4.98	
8 m-Nitrotoluene						
1	30.257	30.257	0.0	229	5.40	
9 3,5-Dinitroaniline						
1	31.514	31.514	0.0	480	5.83	
19 RDX						
1	32.144	32.144	0.0	294	6.00	
23 2,4-Dinitrotoluene						
1	33.337	33.337	0.0	464	5.25	
12 2,6-Dinitrotoluene						
1	34.410	34.410	0.0	283	5.28	
6 2-Amino-4,6-dinitrotoluene						
1	36.497	36.497	0.0	350	4.70	
26 4-Amino-2,6-dinitrotoluene						
1	37.147	37.147	0.0	327	4.65	
$ 30 3,4-Dinitrotoluene						
1	38.847	38.847	0.0	1053	19.7	
25 2,4,6-Trinitrotoluene						
1	40.844	40.844	0.0	430	4.89	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	42.517	42.517	0.0	328	5.02	
7 Nitroglycerin						
2	45.034	45.034	0.0	1789	19.6	
20 Tetryl						
1	46.720	46.720	0.0	602	5.06	
21 PETN						
2	53.230	53.230	0.0	2717	18.5	

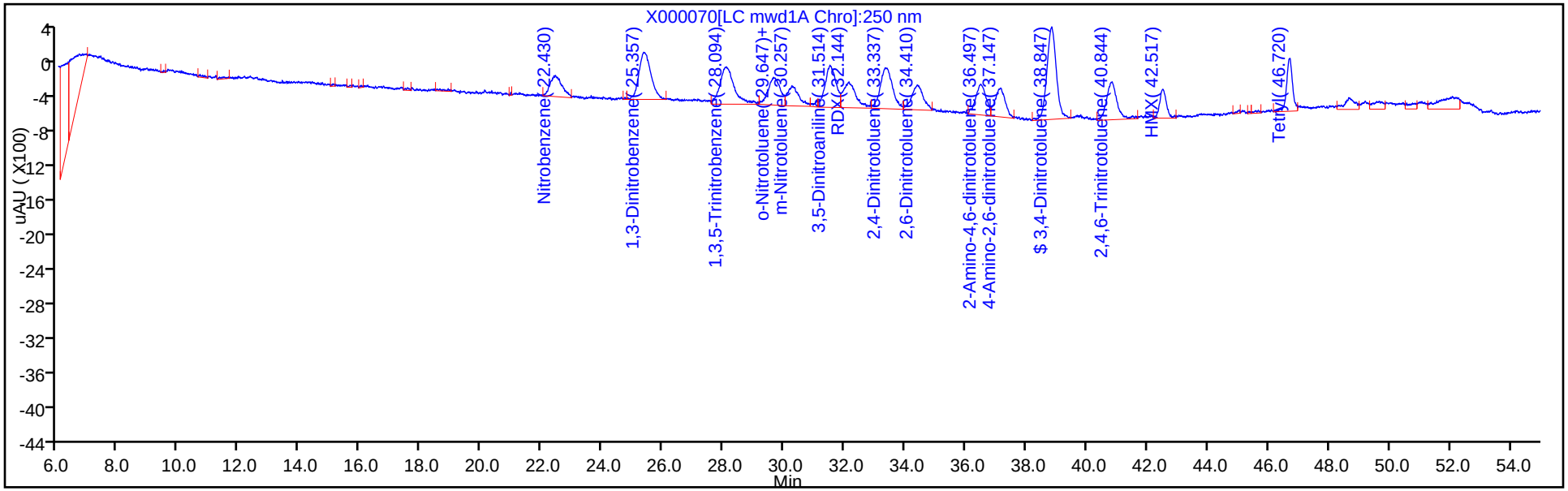
Report Date: 29-Apr-2013 08:08:08 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

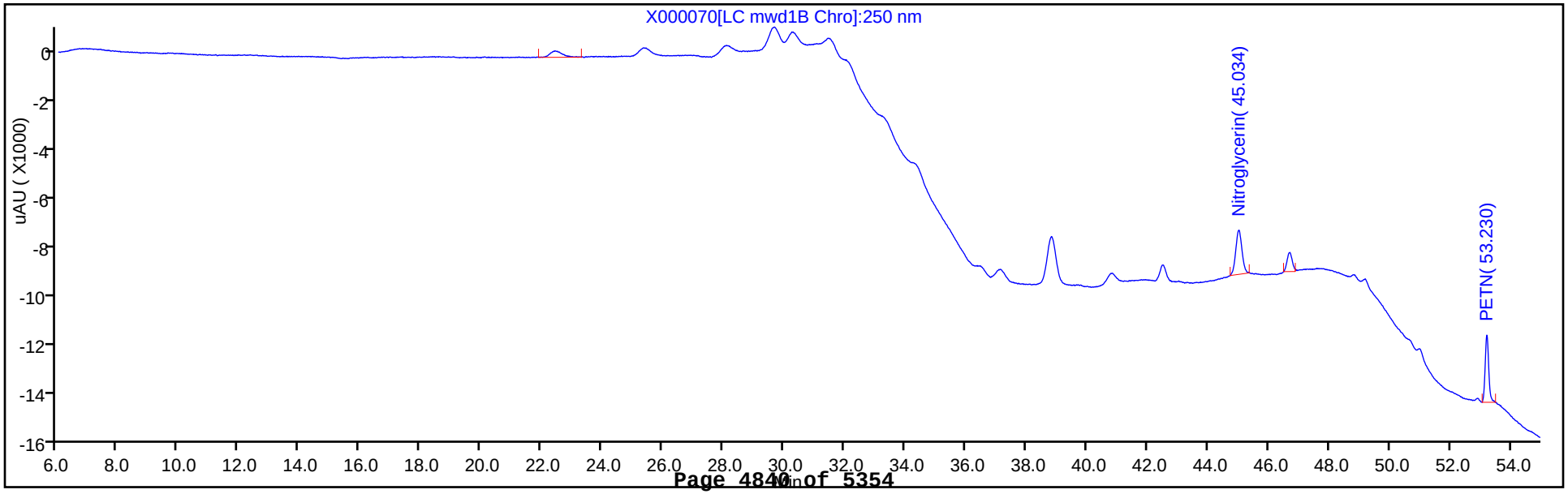
Data File: \\SACChrom\ChromData\LC12\20130424-4083.b\X000070.D

Injection Date:	26-Apr-2013 20:29:22	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	14998	Lims Sample ID:	36
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento | Job No.: 240-22648-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 320-13604/1-A

Matrix: Water | Lab File ID: P-000088.D

Analysis Method: 8330B | Date Collected:

Extraction Method: 8330-Prep | Date Extracted: 04/04/2013 07:31

Sample wt/vol: 1000(mL) | Date Analyzed: 04/19/2013 22:12

Con. Extract Vol.: 20(mL) | Dilution Factor: 1

Injection Volume: 500(uL) | GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 14412 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
99-65-0	1,3-Dinitrobenzene	0.10	U	0.10	0.10	0.050
121-14-2	2,4-Dinitrotoluene	0.10	U	0.10	0.10	0.050
606-20-2	2,6-Dinitrotoluene	0.10	U	0.10	0.10	0.050
35572-78-2	2-Amino-4,6-dinitrotoluene	0.10	U	0.20	0.10	0.015
88-72-2	2-Nitrotoluene	0.10	U	0.50	0.10	0.088
19406-51-0	4-Amino-2,6-dinitrotoluene	0.10	U	0.10	0.10	0.050
99-08-1	3-Nitrotoluene	0.10	U	0.50	0.10	0.057
2691-41-0	HMX	0.050	U	0.10	0.050	0.036
99-99-0	4-Nitrotoluene	0.10	U	0.50	0.10	0.088
98-95-3	Nitrobenzene	0.10	U	0.10	0.10	0.050
121-82-4	RDX	0.050	U	0.10	0.050	0.036
55-63-0	Nitroglycerin	0.50	U	0.65	0.50	0.33
479-45-8	Tetryl	0.10	U	0.10	0.10	0.050
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.10	0.050	0.031
78-11-5	PETN	0.50	U	0.65	0.50	0.30
118-96-7	2,4,6-Trinitrotoluene	0.10	U	0.10	0.10	0.050

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	90		79-111

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC11\20130416-3912.b\P-000088.D		
Lims ID:	MB 320-13604/1-A	Client ID:	
Inject. Date:	19-Apr-2013 22:12:18	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	320-0003912-087		
Misc. Info.:			
Operator:	KR/RN	Instrument ID:	LC11
Injection Vol:	500.0 ul	ALS Bottle#:	84
Lims Batch ID:	14412	Lims Sample ID:	87
Method:	\\SACChrom\ChromData\LC11\20130416-3912.b\8330 Metab LC11.m		
Last Update:	22-Apr-2013 15:44:41	Calib Date:	30-Apr-2012 21:31:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC11\20120531-303.b\M-009.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK016		

First Level Reviewer: noonanr Date: 22-Apr-2013 15:44:41

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
27 1,3,5-Trinitrobenzene						
1	25.363	25.270	0.093	246	1.14	
7 Nitroglycerin						
2	30.320	30.246	0.074	1251	13.9	
$ 30 3,4-Dinitrotoluene						
1	32.330	32.320	0.010	7866	112.7	
2	32.330	32.323	0.007	15587	120.7	

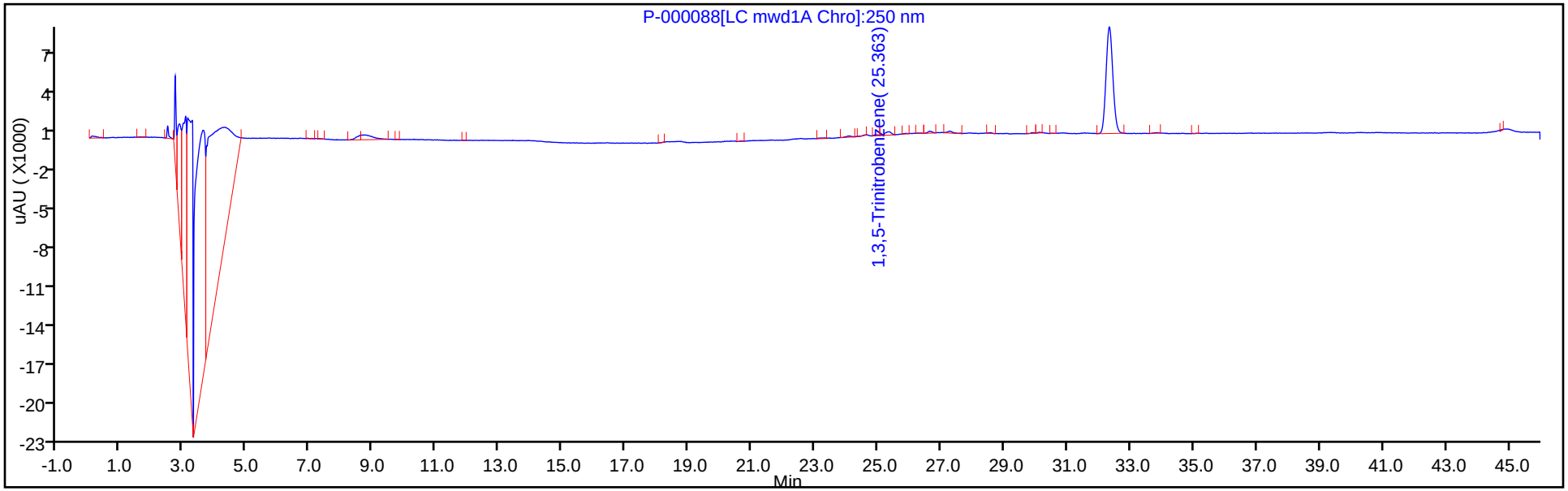
Report Date: 22-Apr-2013 15:44:41 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

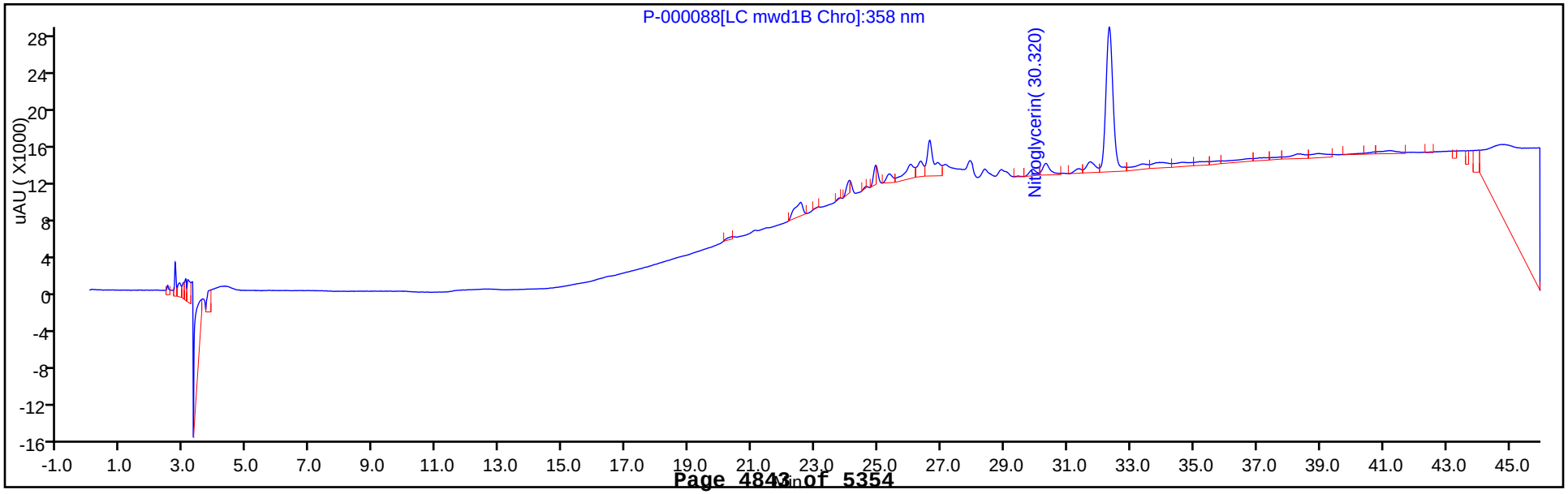
Data File: \\SACChrom\ChromData\LC11\20130416-3912.b\P-000088.D

Injection Date:	19-Apr-2013 22:12:18	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC11
Lims Batch ID:	14412	Lims Sample ID:	87
Operator ID:	KR/RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento | Job No.: 240-22648-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 320-14065/1-A

Matrix: Solid | Lab File ID: S000014.D

Analysis Method: 8330B | Date Collected:

Extraction Method: 8330B | Date Extracted: 04/11/2013 08:24

Sample wt/vol: 10.00(g) | Date Analyzed: 04/19/2013 18:45

Con. Extract Vol.: 80(mL) | Dilution Factor: 1

Injection Volume: 500(uL) | GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 14706 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0073
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.013
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.010
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.016
2691-41-0	HMX	0.050	U	0.25	0.050	0.012
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.018
121-82-4	RDX	0.050	U	0.25	0.050	0.012
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
479-45-8	Tetryl	0.050	U	0.25	0.050	0.010
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.010
78-11-5	PETN	0.25	U	0.50	0.25	0.025
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	93		78-118

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20130419-4003.b\S000014.D		
Lims ID:	MB 320-14065/1-A	Client ID:	
Inject. Date:	19-Apr-2013 18:45:38	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	320-0004003-001		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	21
Lims Batch ID:	14706	Lims Sample ID:	1
Method:	\\SACChrom\ChromData\LC10\20130419-4003.b\8330_LC10.m		
Last Update:	23-Apr-2013 13:35:03	Calib Date:	19-Apr-2013 15:51:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK035		

First Level Reviewer: noonanr Date: 23-Apr-2013 13:35:03

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
$ 30 3,4-Dinitrotoluene						
1	16.363	16.271	0.092	3336	58.3	
2	16.359	16.274	0.085	6378	59.5	

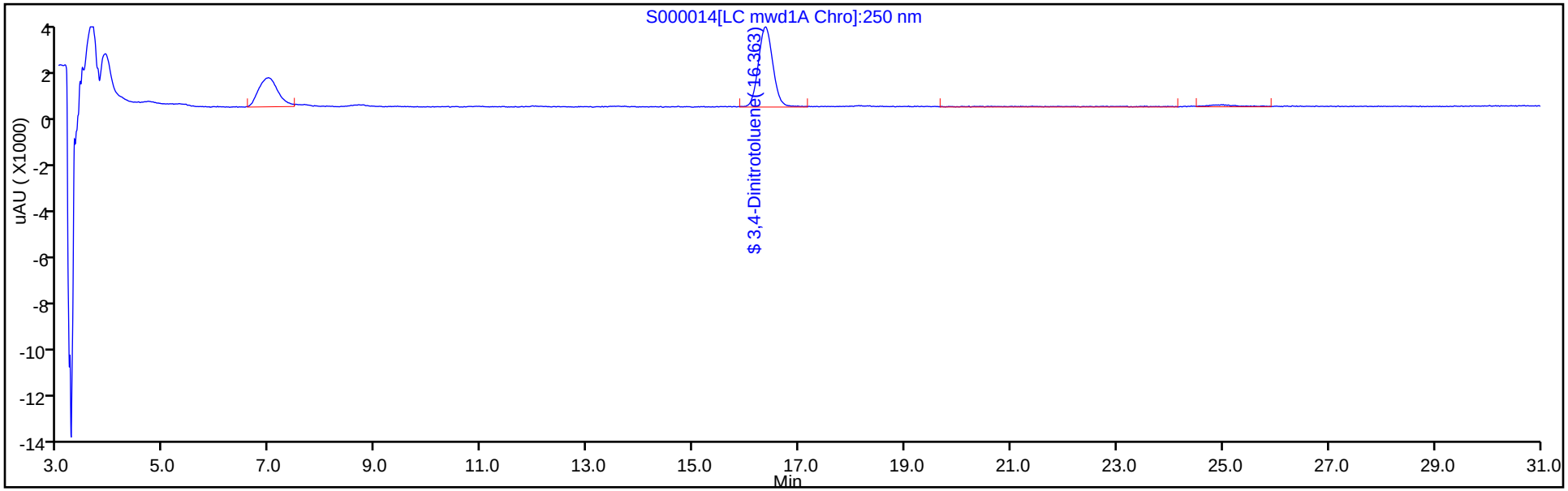
Report Date: 23-Apr-2013 13:35:04 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

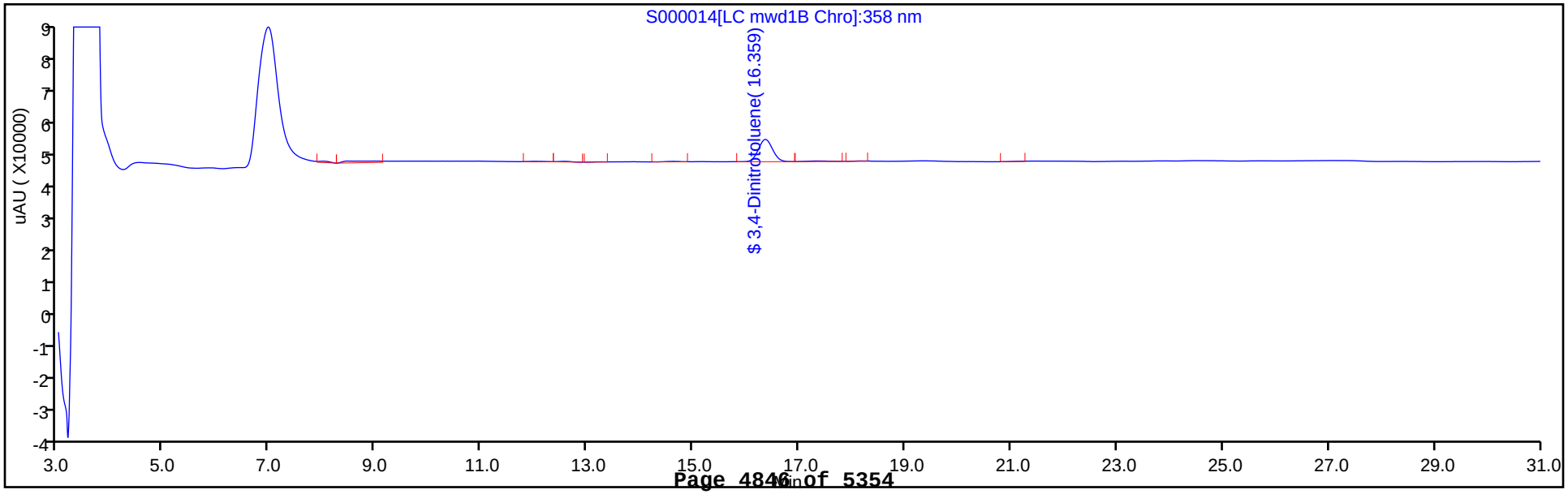
Data File: \\SACChrom\ChromData\LC10\20130419-4003.b\S000014.D

Injection Date:	19-Apr-2013 18:45:38	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14706	Lims Sample ID:	1
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento | Job No.: 240-22648-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 320-14065/1-A

Matrix: Solid | Lab File ID: X000037.D

Analysis Method: 8330B | Date Collected:

Extraction Method: 8330B | Date Extracted: 04/11/2013 08:24

Sample wt/vol: 10.00(g) | Date Analyzed: 04/25/2013 08:07

Con. Extract Vol.: 80(mL) | Dilution Factor: 1

Injection Volume: 500(uL) | GC Column: Zorbax CN ID: 4.6(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 14998 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0073
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.013
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.010
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.016
2691-41-0	HMX	0.050	U	0.25	0.050	0.012
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.018
121-82-4	RDX	0.050	U	0.25	0.050	0.012
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
479-45-8	Tetryl	0.0121	J	0.25	0.050	0.010
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.010
78-11-5	PETN	0.25	U	0.50	0.25	0.025
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	121	*M Q*	78-118

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20130424-4083.b\X000037.D		
Lims ID:	MB 320-14065/1-A	Client ID:	
Inject. Date:	25-Apr-2013 08:07:29	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	320-0004083-011		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	37
Lims Batch ID:	14998	Lims Sample ID:	11
Method:	\\SACChrom\ChromData\LC12\20130424-4083.b\LC12_Conf_8330.m		
Last Update:	25-Apr-2013 12:21:23	Calib Date:	07-Mar-2013 16:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20130307-3157.b\G000007.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK032		

First Level Reviewer: noonanr Date: 25-Apr-2013 12:21:23

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
10 2,4,6-Trinitrophenol						
2	0.183	0.094	0.089	192	0	
1	0.183	0.094	0.089	184	0	
$ 30 3,4-Dinitrotoluene						M
1	38.566	38.623	-0.057	4038	75.6	M
20 Tetryl						
1	46.486	46.586	-0.100	180	1.51	

QC Flag Legend

Review Flags
M - Manually Integrated

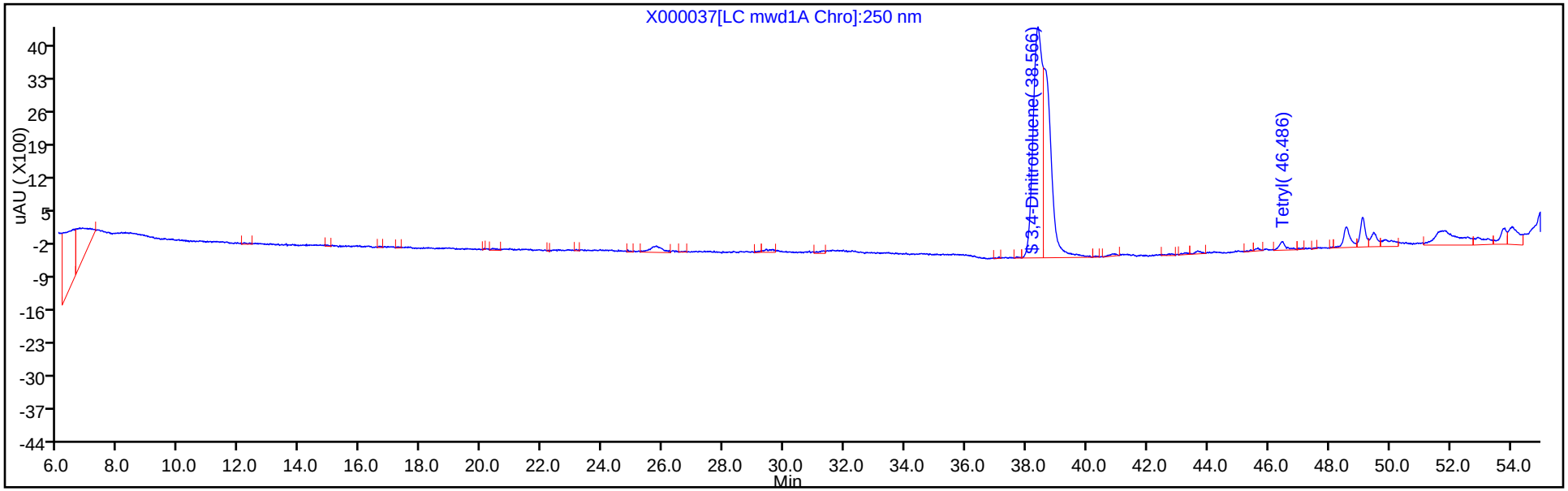
Report Date: 25-Apr-2013 12:21:23 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

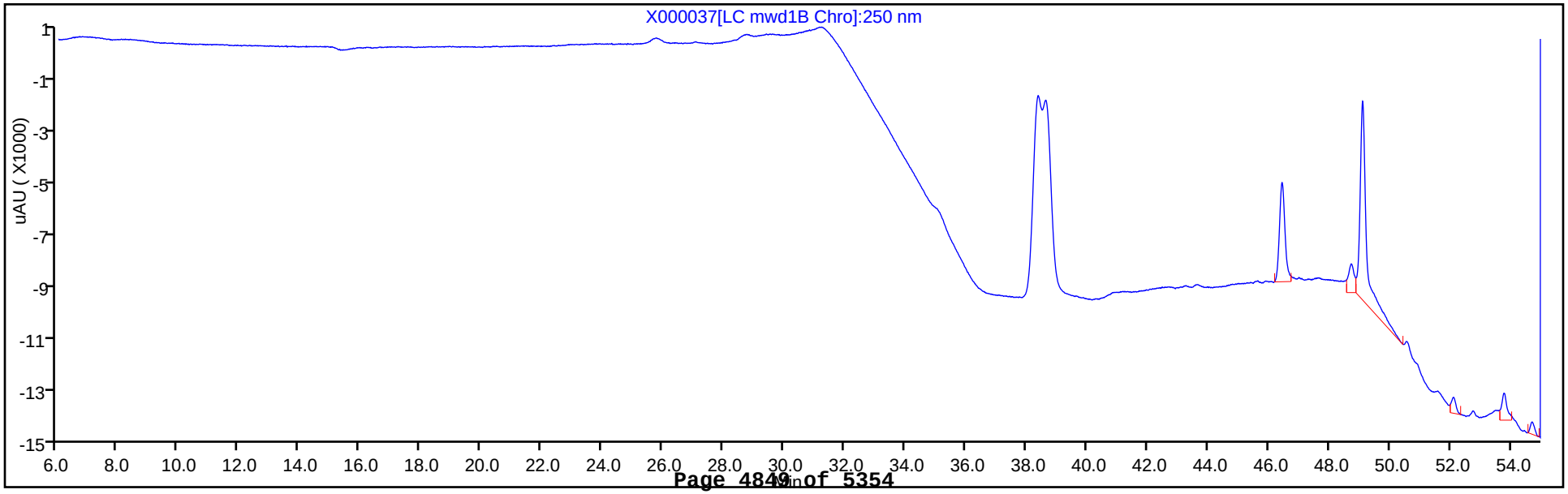
Data File: \\SACChrom\ChromData\LC12\20130424-4083.b\X000037.D

Injection Date:	25-Apr-2013 08:07:29	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	14998	Lims Sample ID:	11
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

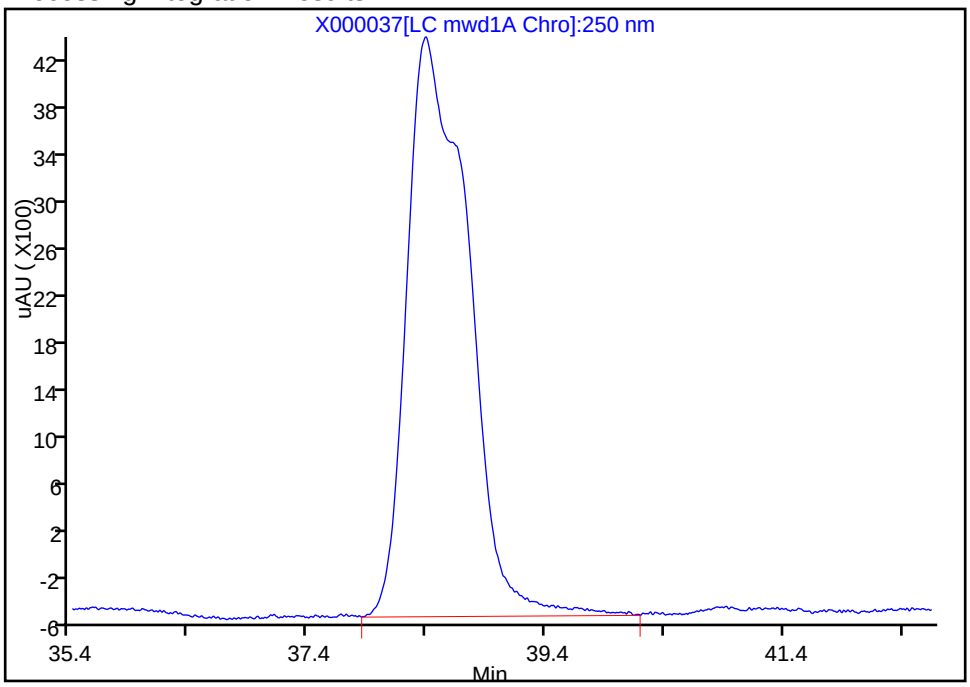
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC12\20130424-4083.b\X000037.D		
Injection Date:	25-Apr-2013 08:07:29	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	14998	Lims Sample ID:	11
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

$ 30 3,4-Dinitrotoluene, Signal: 1, Type: quant, RT: 38.62, Det: LC mwd1A

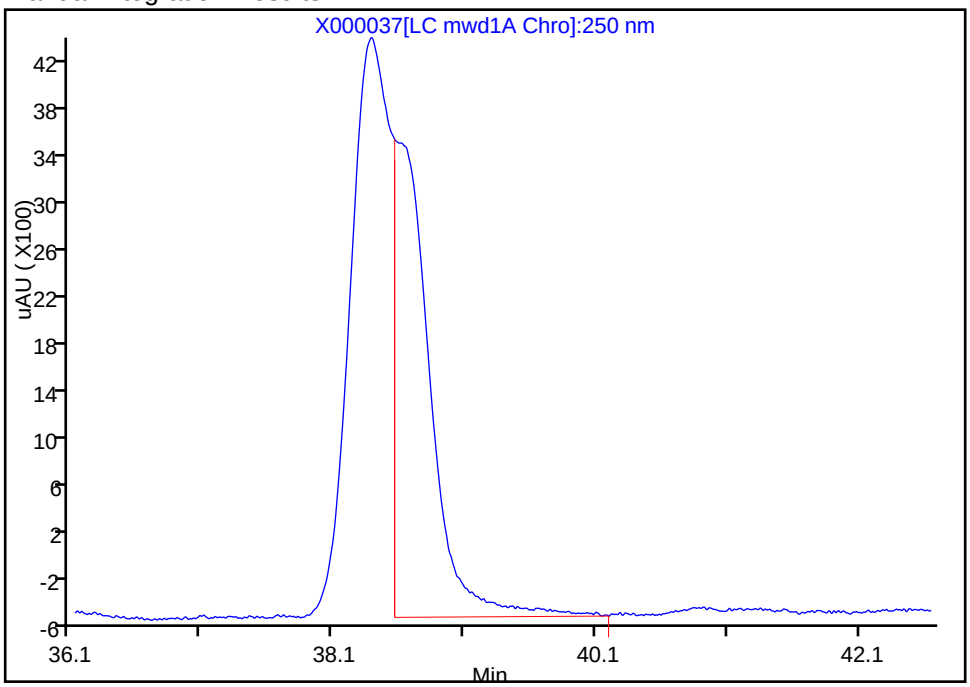
Processing Integration Results

RT: 38.39
Response: 4896
Amount: 91.655928



Manual Integration Results

RT: 38.57
Response: 4038
Amount: 75.593676



Reviewer: noonanr, 25-Apr-2013 12:21:23
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento | Job No.: 240-22648-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 320-13604/2-A

Matrix: Water | Lab File ID: P-000089.D

Analysis Method: 8330B | Date Collected:

Extraction Method: 8330-Prep | Date Extracted: 04/04/2013 07:31

Sample wt/vol: 1000(mL) | Date Analyzed: 04/19/2013 23:09

Con. Extract Vol.: 20(mL) | Dilution Factor: 1

Injection Volume: 500(uL) | GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 14412 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
99-65-0	1,3-Dinitrobenzene	0.947		0.10	0.10	0.050
121-14-2	2,4-Dinitrotoluene	0.933		0.10	0.10	0.050
606-20-2	2,6-Dinitrotoluene	0.921		0.10	0.10	0.050
35572-78-2	2-Amino-4,6-dinitrotoluene	0.912		0.20	0.10	0.015
88-72-2	2-Nitrotoluene	0.972		0.50	0.10	0.088
19406-51-0	4-Amino-2,6-dinitrotoluene	0.889		0.10	0.10	0.050
99-08-1	3-Nitrotoluene	0.960		0.50	0.10	0.057
2691-41-0	HMX	1.01		0.10	0.050	0.036
99-99-0	4-Nitrotoluene	0.961		0.50	0.10	0.088
98-95-3	Nitrobenzene	0.931		0.10	0.10	0.050
121-82-4	RDX	1.01		0.10	0.050	0.036
55-63-0	Nitroglycerin	4.60		0.65	0.50	0.33
479-45-8	Tetryl	0.775		0.10	0.10	0.050
99-35-4	1,3,5-Trinitrobenzene	0.979		0.10	0.050	0.031
78-11-5	PETN	4.82		0.65	0.50	0.30
118-96-7	2,4,6-Trinitrotoluene	0.837		0.10	0.10	0.050

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	91		79-111

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC11\20130416-3912.b\P-000089.D
Lims ID: LCS 320-13604/2-A Client ID:
Inject. Date: 19-Apr-2013 23:09:18 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 320-0003912-088
Misc. Info.:
Operator: KR/RN Instrument ID: LC11
Injection Vol: 500.0 ul ALS Bottle#: 85
Lims Batch ID: 14412 Lims Sample ID: 88

Method: \\SACChrom\ChromData\LC11\20130416-3912.b\8330 Metab LC11.m
Last Update: 22-Apr-2013 15:45:16 Calib Date: 30-Apr-2012 21:31:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC11\20120531-303.b\M-009.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK016

First Level Reviewer: noonanr Date: 22-Apr-2013 15:45:16

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	20.155	20.146	0.009	4742	50.3	
19 RDX						
1	23.385	23.373	0.012	4727	50.3	
27 1,3,5-Trinitrobenzene						
1	25.275	25.270	0.005	10540	48.9	
24 1,3-Dinitrobenzene						
1	27.978	27.970	0.008	10827	47.3	
9 3,5-Dinitroaniline						
1	29.108	29.100	0.008	6567	43.7	
5 Nitrobenzene						
1	29.501	29.490	0.011	4581	46.5	
20 Tetryl						
1	29.818	29.813	0.005	4755	38.7	
7 Nitroglycerin						
2	30.248	30.246	0.002	20726	230.2	
25 2,4,6-Trinitrotoluene						
1	30.971	30.970	0.001	5434	41.8	
26 4-Amino-2,6-dinitrotoluene						
1	31.988	31.983	0.005	4639	44.5	
$ 30 3,4-Dinitrotoluene						
1	32.328	32.320	0.008	7950	113.9	
2	32.328	32.323	0.005	15470	119.8	
6 2-Amino-4,6-dinitrotoluene						
1	32.661	32.653	0.008	5279	45.6	
12 2,6-Dinitrotoluene						
1	33.771	33.770	0.001	3668	46.0	
23 2,4-Dinitrotoluene						
1	34.155	34.146	0.009	6091	46.7	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
16 o-Nitrotoluene						
1	36.905	36.886	0.019	2519	48.6	
15 p-Nitrotoluene						
1	38.085	38.066	0.019	3192	48.1	
8 m-Nitrotoluene						
1	39.498	39.473	0.025	3142	48.0	
21 PETN						
2	39.938	39.896	0.042	12374	241.1	

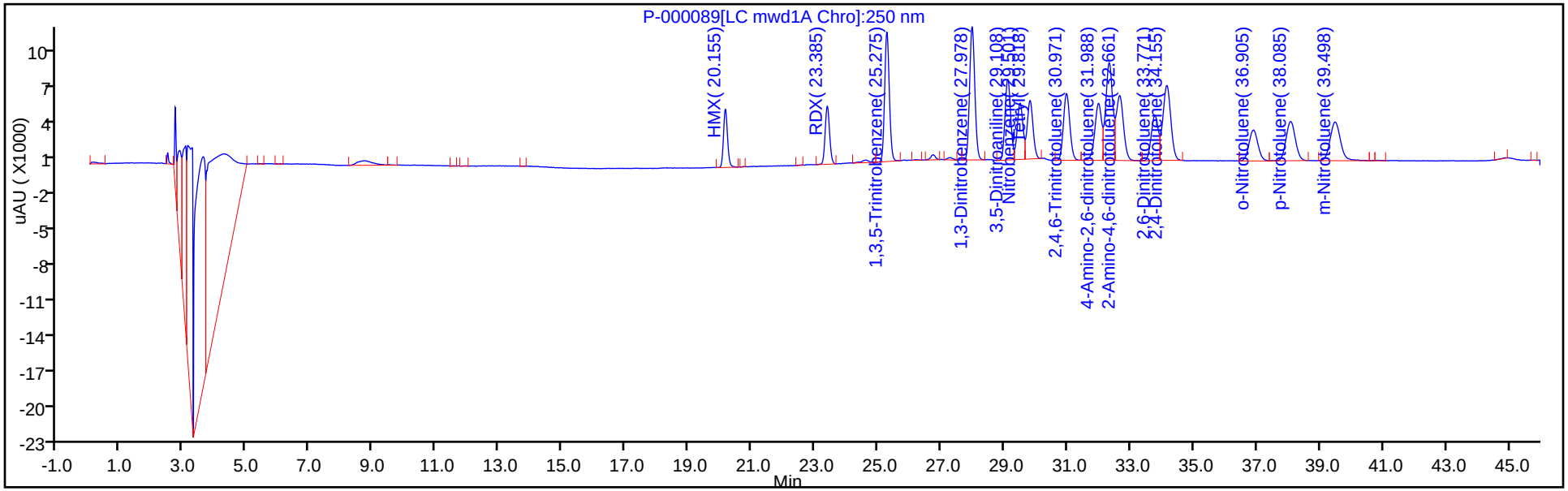
Report Date: 22-Apr-2013 15:45:16 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

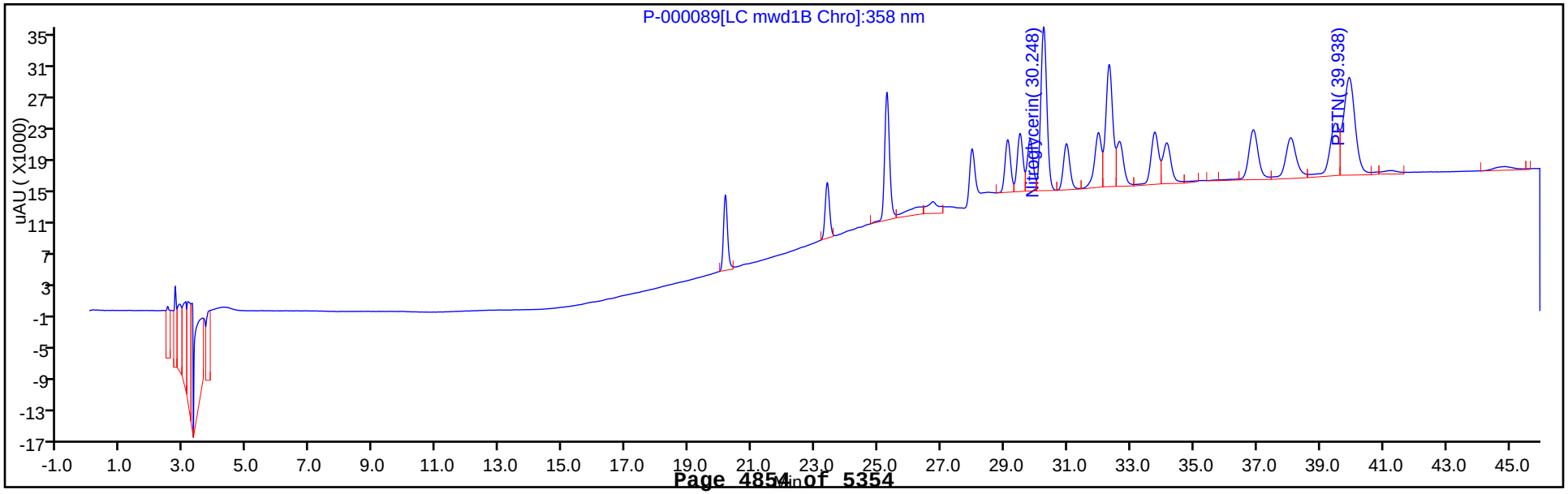
Data File: \\SACChrom\ChromData\LC11\20130416-3912.b\P-000089.D

Injection Date:	19-Apr-2013 23:09:18	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC11
Lims Batch ID:	14412	Lims Sample ID:	88
Operator ID:	KR/RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento | Job No.: 240-22648-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 320-14065/2-A

Matrix: Solid | Lab File ID: S000015.D

Analysis Method: 8330B | Date Collected:

Extraction Method: 8330B | Date Extracted: 04/11/2013 08:24

Sample wt/vol: 10.00(g) | Date Analyzed: 04/19/2013 19:29

Con. Extract Vol.: 80(mL) | Dilution Factor: 1

Injection Volume: 500(uL) | GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 14706 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
99-65-0	1,3-Dinitrobenzene	0.499		0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.484		0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.484		0.25	0.050	0.0073
35572-78-2	2-Amino-4,6-dinitrotoluene	0.486		0.25	0.050	0.013
88-72-2	2-Nitrotoluene	0.478		0.25	0.050	0.013
19406-51-0	4-Amino-2,6-dinitrotoluene	0.498		0.25	0.050	0.010
99-08-1	3-Nitrotoluene	0.486		0.25	0.050	0.016
2691-41-0	HMX	0.496		0.25	0.050	0.012
99-99-0	4-Nitrotoluene	0.480		0.25	0.050	0.018
98-95-3	Nitrobenzene	0.498		0.25	0.050	0.018
121-82-4	RDX	0.484		0.25	0.050	0.012
55-63-0	Nitroglycerin	0.942		0.50	0.25	0.015
479-45-8	Tetryl	0.430		0.25	0.050	0.010
99-35-4	1,3,5-Trinitrobenzene	0.496		0.25	0.050	0.010
78-11-5	PETN	0.948		0.50	0.25	0.025
118-96-7	2,4,6-Trinitrotoluene	0.438		0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	96		78-118

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20130419-4003.b\S000015.D
Lims ID: LCS 320-14065/2-A Client ID:
Inject. Date: 19-Apr-2013 19:29:15 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 320-0004003-002
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 22
Lims Batch ID: 14706 Lims Sample ID: 2

Method: \\SACChrom\ChromData\LC10\20130419-4003.b\8330_LC10.m
Last Update: 22-Apr-2013 09:55:39 Calib Date: 19-Apr-2013 15:51:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK024

First Level Reviewer: shafern Date: 22-Apr-2013 08:05:47

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.186	5.177	0.009	7772	62.0	
19 RDX						
1	7.426	7.397	0.029	5500	60.4	
27 1,3,5-Trinitrobenzene						
1	9.680	9.644	0.036	10149	62.1	
24 1,3-Dinitrobenzene						
1	12.266	12.211	0.055	10112	62.3	
9 3,5-Dinitroaniline						
1	13.006	12.941	0.065	6459	62.3	
20 Tetryl						
1	13.286	13.221	0.065	5091	53.8	
5 Nitrobenzene						
1	13.950	13.884	0.066	4440	62.2	
7 Nitroglycerin						
2	14.493	14.418	0.075	8279	117.7	
25 2,4,6-Trinitrotoluene						
1	15.366	15.291	0.075	5228	54.8	
26 4-Amino-2,6-dinitrotoluene						
1	15.943	15.838	0.105	4883	62.3	
$ 30 3,4-Dinitrotoluene						
1	16.366	16.271	0.095	3423	59.8	
2	16.366	16.274	0.092	6528	60.9	
6 2-Amino-4,6-dinitrotoluene						
1	16.910	16.801	0.109	5108	60.8	
12 2,6-Dinitrotoluene						
1	18.420	18.308	0.112	3617	60.4	
23 2,4-Dinitrotoluene						
1	19.060	18.948	0.112	5977	60.5	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
16 o-Nitrotoluene						
1	22.276	22.151	0.125	2536	59.7	
15 p-Nitrotoluene						
1	23.900	23.768	0.132	3189	60.1	
8 m-Nitrotoluene						
1	25.716	25.564	0.152	3159	60.7	
21 PETN						
2	27.630	27.491	0.139	4662	118.5	

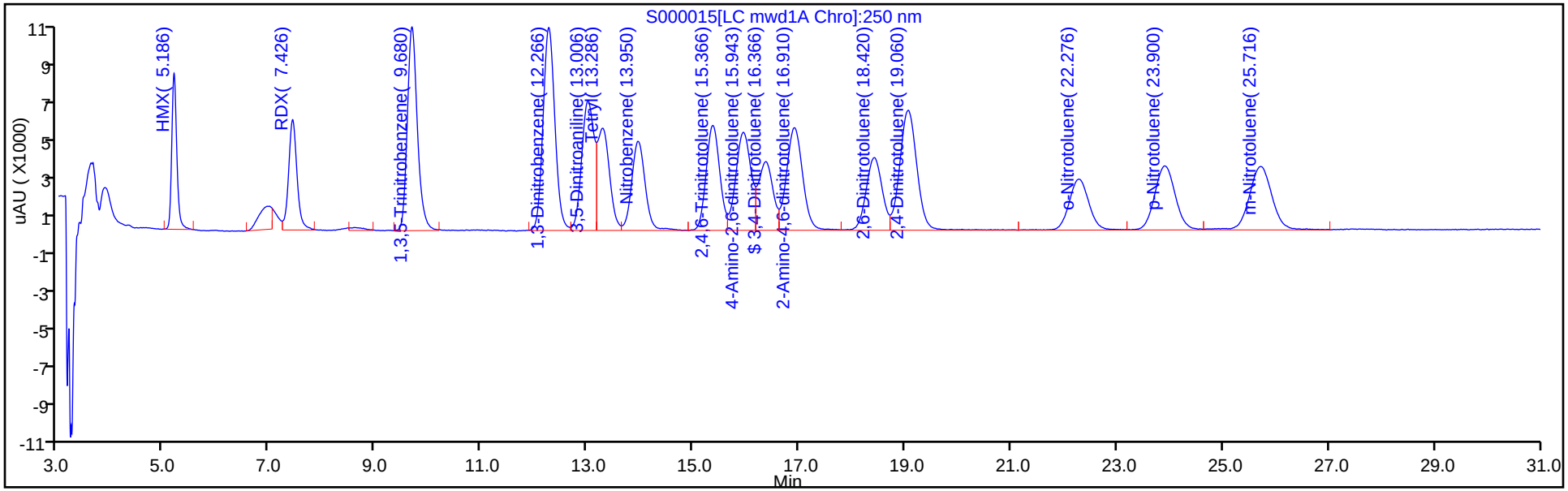
Report Date: 22-Apr-2013 09:55:46 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

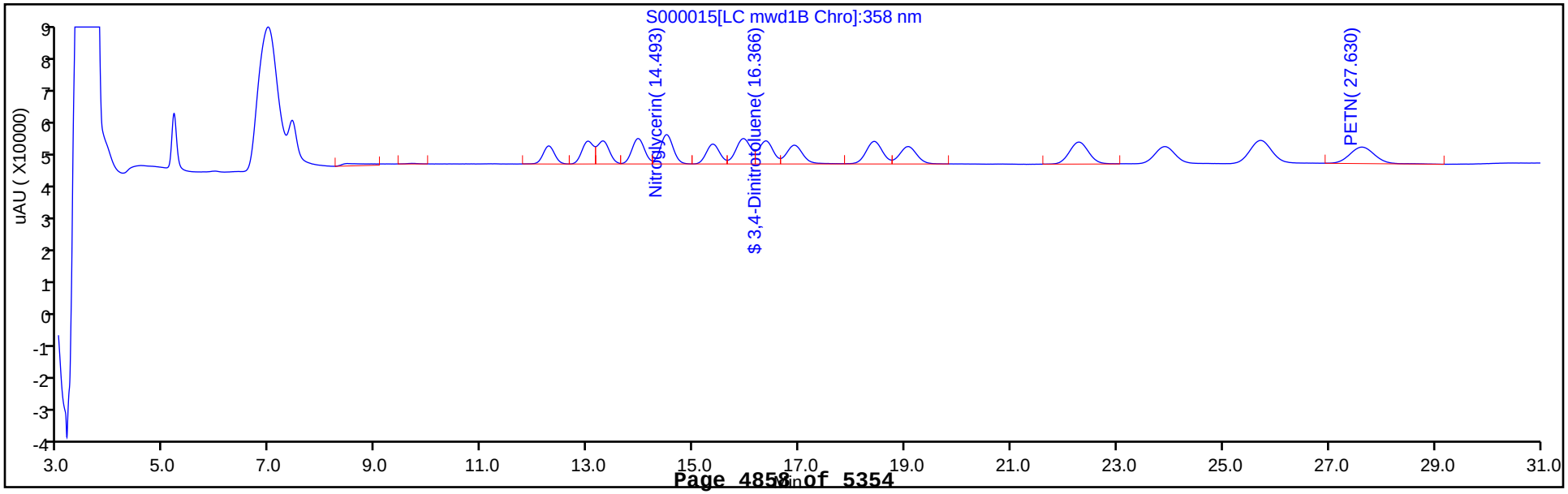
Data File: \\SACChrom\ChromData\LC10\20130419-4003.b\S000015.D

Injection Date:	19-Apr-2013 19:29:15	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14706	Lims Sample ID:	2
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



HPLC/IC ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Instrument ID: LC10 Start Date: 04/19/2013 10:01

Analysis Batch Number: 14686 End Date: 04/19/2013 18:02

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/19/2013 10:01	1		Synergi C18 4.6(mm)
STD01 320-14686/2 IC		04/19/2013 10:45	1	S000003.D	Synergi C18 4.6(mm)
STD02 320-14686/3 IC		04/19/2013 11:29	1	S000004.D	Synergi C18 4.6(mm)
STD03 320-14686/4 IC		04/19/2013 12:12	1	S000005.D	Synergi C18 4.6(mm)
STD04 320-14686/5 IC		04/19/2013 12:56	1	S000006.D	Synergi C18 4.6(mm)
STD05 320-14686/6 IC		04/19/2013 13:40	1	S000007.D	Synergi C18 4.6(mm)
ICRT 320-14686/7		04/19/2013 14:23	1	S000008.D	Synergi C18 4.6(mm)
STD07 320-14686/8 IC		04/19/2013 15:07	1	S000009.D	Synergi C18 4.6(mm)
STD08 320-14686/9 IC		04/19/2013 15:51	1	S000010.D	Synergi C18 4.6(mm)
ZZZZZ		04/19/2013 16:34	1		Synergi C18 4.6(mm)
ICV 320-14686/11		04/19/2013 17:18	1	S000012.D	Synergi C18 4.6(mm)
LODV 320-14686/12		04/19/2013 18:02	1	S000013.D	Synergi C18 4.6(mm)

HPLC/IC ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Instrument ID: LC10 Start Date: 04/19/2013 18:45

Analysis Batch Number: 14706 End Date: 04/22/2013 22:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
MB 320-14065/1-A		04/19/2013 18:45	1	S000014.D	Synergi C18 4.6(mm)
LCS 320-14065/2-A		04/19/2013 19:29	1	S000015.D	Synergi C18 4.6(mm)
240-22648-13	073SD-0050-0001-SO	04/19/2013 20:12	1	S000016.D	Synergi C18 4.6(mm)
240-22648-29	079SB-0063M-0001-SO	04/19/2013 20:56	1	S000017.D	Synergi C18 4.6(mm)
240-22648-30	079SB-0064M-0001-SO	04/19/2013 21:40	1	S000018.D	Synergi C18 4.6(mm)
240-22648-36	079SB-0069M-0001-SO	04/19/2013 22:23	1	S000019.D	Synergi C18 4.6(mm)
240-22648-38	079SB-0071M-0001-SO	04/19/2013 23:07	1	S000020.D	Synergi C18 4.6(mm)
240-22648-40	079SB-0074M-0001-SO	04/19/2013 23:51	1	S000021.D	Synergi C18 4.6(mm)
240-22648-43	068SB-0046M-0001-SO	04/20/2013 00:34	1	S000022.D	Synergi C18 4.6(mm)
240-22648-53	068SB-0041M-0001-SO	04/20/2013 01:18	1	S000023.D	Synergi C18 4.6(mm)
CCV 320-14706/11 CCVRT		04/20/2013 02:02	1	S000024.D	Synergi C18 4.6(mm)
ZZZZZ		04/20/2013 02:45	1		Synergi C18 4.6(mm)
ZZZZZ		04/20/2013 03:29	1		Synergi C18 4.6(mm)
ZZZZZ		04/20/2013 04:13	1		Synergi C18 4.6(mm)
ZZZZZ		04/20/2013 04:56	1		Synergi C18 4.6(mm)
ZZZZZ		04/20/2013 05:40	1		Synergi C18 4.6(mm)
ZZZZZ		04/20/2013 06:24	1		Synergi C18 4.6(mm)
ZZZZZ		04/20/2013 07:07	1		Synergi C18 4.6(mm)
CCV 320-14706/22 CCVRT		04/20/2013 10:02	1	S000035.D	Synergi C18 4.6(mm)
CCV 320-14706/32 CCVRT		04/20/2013 17:19	1		Synergi C18 4.6(mm)
CCVL 320-14706/33		04/20/2013 18:03	1	S000046.D	Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 00:36	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 01:20	1		Synergi C18 4.6(mm)
CCV 320-14706/44 CCVRT		04/21/2013 02:03	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 02:47	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 03:31	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 04:14	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 04:58	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 05:42	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 06:25	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 07:09	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 07:53	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 08:37	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 09:20	1		Synergi C18 4.6(mm)
CCV 320-14706/55 CCVRT		04/21/2013 10:04	1		Synergi C18 4.6(mm)
CCVL 320-14706/56		04/21/2013 10:48	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 11:32	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 12:15	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 12:59	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 13:42	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 14:26	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 15:10	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 15:54	1		Synergi C18 4.6(mm)

8330B

HPLC/IC ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Instrument ID: LC10 Start Date: 04/19/2013 18:45

Analysis Batch Number: 14706 End Date: 04/22/2013 22:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/21/2013 16:38	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 17:21	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 18:05	1		Synergi C18 4.6(mm)
CCV 320-14706/67 CCVRT		04/21/2013 18:49	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 19:33	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 20:16	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 21:00	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 21:43	1		Synergi C18 4.6(mm)
CCV 320-14706/78 CCVRT		04/22/2013 02:49	1		Synergi C18 4.6(mm)
CCV 320-14706/89 CCVRT		04/22/2013 10:49	1		Synergi C18 4.6(mm)
CCV 320-14706/100 CCVRT		04/22/2013 18:50	1		Synergi C18 4.6(mm)
CCV 320-14706/103 CCVRT		04/22/2013 22:28	1		Synergi C18 4.6(mm)

HPLC/IC ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Instrument ID: LC11 Start Date: 04/30/2012 13:54

Analysis Batch Number: 1385 End Date: 05/01/2012 10:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/30/2012 13:54	1		
STD01 320-1385/2 IC		04/30/2012 14:52	1	M-002.D	
STD02 320-1385/3 IC		04/30/2012 15:49	1	M-003.D	
STD03 320-1385/4 IC		04/30/2012 16:46	1	M-004.D	
STD04 320-1385/5 IC		04/30/2012 17:43	1	M-005.D	
STD05 320-1385/6 IC		04/30/2012 18:40	1	M-006.D	
STD06 320-1385/7 IC		04/30/2012 19:37	1	M-007.D	
STD07 320-1385/8 IC		04/30/2012 20:34	1	M-008.D	
STD08 320-1385/9 IC		04/30/2012 21:31	1	M-009.D	
ZZZZZ		04/30/2012 22:28	1		
LODV 320-1385/11		04/30/2012 23:25	1	M-011.D	
LODV 320-1385/12		05/01/2012 00:22	1	M-012.D	
ICV 320-1385/13		05/01/2012 10:50	1	I-003.D	

HPLC/IC ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Instrument ID: LC11 Start Date: 04/19/2013 01:15

Analysis Batch Number: 14412 End Date: 04/20/2013 04:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 320-14412/64 CCVRT		04/19/2013 01:15	1		Synergi C18 4.6(mm)
CCVL 320-14412/66		04/19/2013 02:12	1	P-000067.D	Synergi C18 4.6(mm)
ZZZZZ		04/19/2013 03:09	1		Synergi C18 4.6(mm)
ZZZZZ		04/19/2013 04:06	1		Synergi C18 4.6(mm)
ZZZZZ		04/19/2013 05:03	1		Synergi C18 4.6(mm)
ZZZZZ		04/19/2013 06:01	1		Synergi C18 4.6(mm)
ZZZZZ		04/19/2013 06:58	1		Synergi C18 4.6(mm)
ZZZZZ		04/19/2013 07:55	1		Synergi C18 4.6(mm)
ZZZZZ		04/19/2013 08:52	1		Synergi C18 4.6(mm)
ZZZZZ		04/19/2013 09:49	1		Synergi C18 4.6(mm)
CCV 320-14412/75 CCVRT		04/19/2013 10:46	1		Synergi C18 4.6(mm)
ZZZZZ		04/19/2013 11:43	1		Synergi C18 4.6(mm)
ZZZZZ		04/19/2013 12:42	1		Synergi C18 4.6(mm)
ZZZZZ		04/19/2013 13:39	1		Synergi C18 4.6(mm)
ZZZZZ		04/19/2013 14:36	1		Synergi C18 4.6(mm)
ZZZZZ		04/19/2013 15:33	1		Synergi C18 4.6(mm)
ZZZZZ		04/19/2013 16:30	1		Synergi C18 4.6(mm)
ZZZZZ		04/19/2013 17:27	1		Synergi C18 4.6(mm)
ZZZZZ		04/19/2013 18:24	1		Synergi C18 4.6(mm)
ZZZZZ		04/19/2013 19:21	1		Synergi C18 4.6(mm)
ZZZZZ		04/19/2013 20:18	1		Synergi C18 4.6(mm)
CCV 320-14412/86 CCVRT		04/19/2013 21:15	1	P-000087.D	Synergi C18 4.6(mm)
MB 320-13604/1-A		04/19/2013 22:12	1	P-000088.D	Synergi C18 4.6(mm)
LCS 320-13604/2-A		04/19/2013 23:09	1	P-000089.D	Synergi C18 4.6(mm)
240-22648-18	073SW-0061-0001-SW	04/20/2013 00:06	1	P-000090.D	Synergi C18 4.6(mm)
ZZZZZ		04/20/2013 01:03	1		Synergi C18 4.6(mm)
CCVL 320-14412/92		04/20/2013 03:54	1	P-000094.D	Synergi C18 4.6(mm)
CCV 320-14412/91 CCVRT		04/20/2013 04:52	1	P-000095.D	Synergi C18 4.6(mm)

HPLC/IC ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Instrument ID: LC12 Start Date: 02/13/2013 16:11

Analysis Batch Number: 10422 End Date: 02/14/2013 04:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		02/13/2013 16:11	1		Zorbax CN 4.6(mm)
STD01 320-10422/2 IC		02/13/2013 17:16	1	M000003.D	Zorbax CN 4.6(mm)
STD02 320-10422/3 IC		02/13/2013 18:22	1	M000004.D	Zorbax CN 4.6(mm)
STD03 320-10422/4 IC		02/13/2013 19:27	1	M000005.D	Zorbax CN 4.6(mm)
STD04 320-10422/5 IC		02/13/2013 20:32	1	M000006.D	Zorbax CN 4.6(mm)
STD05 320-10422/6 IC		02/13/2013 21:38	1	M000007.D	Zorbax CN 4.6(mm)
STD06 320-10422/7 IC		02/13/2013 22:43	1	M000008.D	Zorbax CN 4.6(mm)
STD07 320-10422/8 IC		02/13/2013 23:49	1	M000009.D	Zorbax CN 4.6(mm)
STD08 320-10422/9 IC		02/14/2013 00:54	1	M000010.D	Zorbax CN 4.6(mm)
ZZZZZ		02/14/2013 02:00	1		Zorbax CN 4.6(mm)
ICV 320-10422/11		02/14/2013 03:05	1	M000012.D	Zorbax CN 4.6(mm)
LODV 320-10422/12		02/14/2013 04:11	1	M000013.D	Zorbax CN 4.6(mm)

HPLC/IC ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Instrument ID: LC12 Start Date: 04/24/2013 23:18

Analysis Batch Number: 14998 End Date: 04/26/2013 20:29

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 320-14998/3 CCVRT		04/24/2013 23:18	1	X000029.D	Zorbax CN 4.6(mm)
CCVL 320-14998/4 CCVRT		04/25/2013 00:24	1	X000030.D	Zorbax CN 4.6(mm)
MB 320-14065/1-A		04/25/2013 08:07	1	X000037.D	Zorbax CN 4.6(mm)
240-22648-13	073SD-0050-0001-SO	04/25/2013 09:13	1	X000038.D	Zorbax CN 4.6(mm)
CCV 320-14998/13 CCVRT		04/25/2013 10:19	1	X000039.D	Zorbax CN 4.6(mm)
240-22648-30	079SB-0064M-0001-SO	04/25/2013 11:25	1	X000040.D	Zorbax CN 4.6(mm)
240-22648-53	068SB-0041M-0001-SO	04/25/2013 12:32	1	X000041.D	Zorbax CN 4.6(mm)
ZZZZZ		04/25/2013 13:38	1		Zorbax CN 4.6(mm)
ZZZZZ		04/25/2013 14:44	1		Zorbax CN 4.6(mm)
ZZZZZ		04/25/2013 15:50	1		Zorbax CN 4.6(mm)
ZZZZZ		04/25/2013 16:56	1		Zorbax CN 4.6(mm)
ZZZZZ		04/25/2013 18:02	1		Zorbax CN 4.6(mm)
ZZZZZ		04/25/2013 19:08	1		Zorbax CN 4.6(mm)
ZZZZZ		04/25/2013 20:14	1		Zorbax CN 4.6(mm)
CCV 320-14998/23 CCVRT		04/25/2013 21:20	1	X000049.D	Zorbax CN 4.6(mm)
ZZZZZ		04/25/2013 22:26	1		Zorbax CN 4.6(mm)
ZZZZZ		04/25/2013 23:33	1		Zorbax CN 4.6(mm)
ZZZZZ		04/26/2013 00:39	1		Zorbax CN 4.6(mm)
ZZZZZ		04/26/2013 01:45	1		Zorbax CN 4.6(mm)
ZZZZZ		04/26/2013 02:51	1		Zorbax CN 4.6(mm)
ZZZZZ		04/26/2013 03:57	1		Zorbax CN 4.6(mm)
ZZZZZ		04/26/2013 05:03	1		Zorbax CN 4.6(mm)
ZZZZZ		04/26/2013 06:09	1		Zorbax CN 4.6(mm)
ZZZZZ		04/26/2013 07:15	1		Zorbax CN 4.6(mm)
CCV 320-14998/33 CCVRT		04/26/2013 08:21	1		Zorbax CN 4.6(mm)
ZZZZZ		04/26/2013 09:28	1		Zorbax CN 4.6(mm)
ZZZZZ		04/26/2013 10:34	1		Zorbax CN 4.6(mm)
ZZZZZ		04/26/2013 11:40	1		Zorbax CN 4.6(mm)
ZZZZZ		04/26/2013 12:46	1		Zorbax CN 4.6(mm)
ZZZZZ		04/26/2013 13:52	1		Zorbax CN 4.6(mm)
ZZZZZ		04/26/2013 14:58	1		Zorbax CN 4.6(mm)
ZZZZZ		04/26/2013 16:05	1		Zorbax CN 4.6(mm)
ZZZZZ		04/26/2013 17:11	1		Zorbax CN 4.6(mm)
ZZZZZ		04/26/2013 18:17	1		Zorbax CN 4.6(mm)
CCV 320-14998/35 CCVRT		04/26/2013 19:23	1		Zorbax CN 4.6(mm)
CCVL 320-14998/36 CCVRT		04/26/2013 20:29	1	X000070.D	Zorbax CN 4.6(mm)

HPLC/IC BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Batch Number: 13604 Batch Start Date: 04/04/13 07:31 Batch Analyst: Phan, Tuan

Batch Method: 8330-Prep Batch End Date: 04/08/13 17:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	HP34DNTSU 00012	HP8330SP 00013
MB 320-13604/1		8330-Prep, 8330B				1000 mL	20 mL	50 uL	
LCS 320-13604/2		8330-Prep, 8330B				1000 mL	20 mL	50 uL	20 uL
240-22648-O-18	073SW-0061-0001-SW	8330-Prep, 8330B	T	1268.8 g	387.16 g	881.6 mL	20 mL	50 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	HPNGPETNSP 00004					
MB 320-13604/1		8330-Prep, 8330B							
LCS 320-13604/2		8330-Prep, 8330B		100 uL					
240-22648-O-18	073SW-0061-0001-SW	8330-Prep, 8330B	T						

Batch Notes	
0.1% HOAc/CAN Lot 3	4515-025A
Balance ID	QA-070
Person's name who did the concentration	HA
Date of Clean up	04-08-13
Date Dilution Performed	04-08-13
Analytst performing Dilution	HA
Filter Lot #	.45um Millipore R2SA72748
Date of Final Volume	4-08-13
Millipore Water Dispense Date	4/1/13
Person's name who witnessed reagent drop	GB
SPE Cartridge Lot #	WATER 003832324A

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

HPLC/IC BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Batch Number: 14065 Batch Start Date: 04/11/13 08:24 Batch Analyst: Phan, Tuan

Batch Method: 8330B Batch End Date: 04/18/13 10:10

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	HP34DNTSU 00012	HP8330SP 00013	HPNGPETNSP 00004	
MB 320-14065/1		8330B, 8330B		10.00 g	80 mL	100 uL			
LCS 320-14065/2		8330B, 8330B		10.00 g	80 mL	100 uL	100 uL	200 uL	
240-22648-F-13	073SD-0050-0001-SO	8330B, 8330B	T	10.02 g	80 mL	100 uL			
240-22648-F-29	079SB-0063M-0001-SO	8330B, 8330B	T	10.07 g	80 mL	100 uL			
240-22648-F-30	079SB-0064M-0001-SO	8330B, 8330B	T	10.00 g	80 mL	100 uL			
240-22648-F-36	079SB-0069M-0001-SO	8330B, 8330B	T	10.03 g	80 mL	100 uL			
240-22648-F-38	079SB-0071M-0001-SO	8330B, 8330B	T	10.03 g	80 mL	100 uL			
240-22648-F-40	079SB-0074M-0001-SO	8330B, 8330B	T	10.03 g	80 mL	100 uL			
240-22648-F-43	068SB-0046M-0001-SO	8330B, 8330B	T	10.01 g	80 mL	100 uL			
240-22648-F-53	068SB-0041M-0001-SO	8330B, 8330B	T	10.06 g	80 mL	100 uL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

HPLC/IC BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Batch Number: 14065 Batch Start Date: 04/11/13 08:24 Batch Analyst: Phan, Tuan

Batch Method: 8330B Batch End Date: 04/18/13 10:10

Batch Notes	
Balance ID	QA-070
Calcium Chloride Reagent ID	4515-027C
Person's name who did the concentration	GB
Date of Clean up	4-18-13
Analyst performed Clean Up	GB
Date Dilution Performed	4-18-13
Analytst performing Dilution	GB
Date Sample was Dried	4/10/13 240-22648-53,13 240-22663-7,26,28
Filter Lot #	R2SA72748
Filter Type	.45um MILLIPORE
Date Sample was Ground	4/11/13
Minumum Temperature	10
Person's name who witnessed reagent drop	GB
Blank Sand Lot #	FISHER 120571
Solvent Lot #	4515-027D
Solvent Name	0.1% HOAC/ACN
Sonication Start Time	4/11/13 / 11:40
Sonication Stop Time	4/12/13 / 05:40
SOP Number	WS-LC-0009
Maximum Temperature	20

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS

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METALS

Lab Name: TestAmerica Canton Job Number: 240-22648-1

SDG No.:

Project: RVAAP - ECC

Client Sample ID	Lab Sample ID
073SB-0016M-0001-SO	240-22648-1
073SB-0017M-0001-SO	240-22648-2
073SB-0019M-0001-SO	240-22648-3
073SB-0020M-0001-SO	240-22648-4
073SB-0021M-0001-SO	240-22648-5
073SB-0022M-0001-SO	240-22648-6
073SB-0023M-0001-SO	240-22648-7
073SB-0024M-0001-SO	240-22648-8
073SB-0067-0001-SO	240-22648-9
073SD-0045-0001,0002-SO	240-22648-10
073SD-0047-0001-SO	240-22648-11
073SD-0048-0001-SO	240-22648-12
073SD-0050-0001-SO	240-22648-13
073SD-0046-0001-SO	240-22648-14
073SW-0056-0001M,0002-SW	240-22648-15
073SW-0058-0001-SW	240-22648-16
073SW-0059-0001-SW	240-22648-17
073SW-0061-0001-SW	240-22648-18
073SW-0067-0001-SW	240-22648-21
079SB-0055M-0001-SO	240-22648-22
079SB-0057M-0001-SO	240-22648-23
079SB-0058M-0001-SO	240-22648-24
079SB-0059M-0001-SO	240-22648-25
079SB-0060M-0001-SO	240-22648-26
079SB-0061M-0001,0002-SO	240-22648-27
079SB-0062M-0001-SO	240-22648-28
079SB-0063M-0001-SO	240-22648-29
079SB-0064M-0001-SO	240-22648-30
079SB-0075-0001-SO	240-22648-31
079SB-0065M-0001-SO	240-22648-32
079SB-0066M-0001-SO	240-22648-33
079SB-0067M-0001-SO	240-22648-34
079SB-0068M-0001-SO	240-22648-35
079SB-0069M-0001-SO	240-22648-36
079SB-0070M-0001,0002-SO	240-22648-37
079SB-0071M-0001-SO	240-22648-38
079SB-0072M-0001,0002-SO	240-22648-39
079SB-0074M-0001-SO	240-22648-40
068SB-0044M-0001-SO	240-22648-41
068SB-0045M-0001-SO	240-22648-42
068SB-0046M-0001-SO	240-22648-43
068SB-0047M-0001-SO	240-22648-44
068SB-0048M-0001-SO	240-22648-45
068SB-0033M-0001-SO	240-22648-46
068SB-0034M-0001-SO	240-22648-47

Comments:

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METALS

Lab Name: TestAmerica Canton Job Number: 240-22648-1

SDG No.:

Project: RVAAP - ECC

Client Sample ID	Lab Sample ID
068SB-0035M-0001-SO	240-22648-48
068SB-0038M-0001-SO	240-22648-49
068SB-0036M-0001-SO	240-22648-50
068SB-0039M-0001-SO	240-22648-51
068SB-0040M-0001-SO	240-22648-52
068SB-0041M-0001-SO	240-22648-53
068SB-0042M-0001-SO	240-22648-54
068SB-0050M-0001-SO	240-22648-55
068SB-0051M-0001-SO	240-22648-56
068SB-0052M-0001-SO	240-22648-57
068SB-0053M-0001-SO	240-22648-58
068SB-0054M-0001-SO	240-22648-59
068SB-0056M-0001-SO	240-22648-60
068SB-0057M-0001-SO	240-22648-61
068SB-0059M-0001-SO	240-22648-62

Comments:

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METALS

Lab Name: TestAmerica Pittsburgh Job Number: 240-22648-1

SDG No.:

Project: RVAAP - ECC

Client Sample ID	Lab Sample ID
073SB-0016M-0001-SO	240-22648-1
073SB-0017M-0001-SO	240-22648-2
073SB-0019M-0001-SO	240-22648-3
073SB-0020M-0001-SO	240-22648-4
073SB-0021M-0001-SO	240-22648-5
073SB-0022M-0001-SO	240-22648-6
073SB-0023M-0001-SO	240-22648-7
073SB-0024M-0001-SO	240-22648-8
073SB-0067-0001-SO	240-22648-9
073SD-0045-0001,0002-SO	240-22648-10
073SD-0047-0001-SO	240-22648-11
073SD-0048-0001-SO	240-22648-12
073SD-0050-0001-SO	240-22648-13
073SD-0046-0001-SO	240-22648-14
073SW-0056-0001M,0002-SW	240-22648-15
073SW-0058-0001-SW	240-22648-16
073SW-0059-0001-SW	240-22648-17
073SW-0061-0001-SW	240-22648-18
073SW-0067-0001-SW	240-22648-21
079SB-0055M-0001-SO	240-22648-22
079SB-0057M-0001-SO	240-22648-23
079SB-0058M-0001-SO	240-22648-24
079SB-0059M-0001-SO	240-22648-25
079SB-0060M-0001-SO	240-22648-26
079SB-0061M-0001,0002-SO	240-22648-27
079SB-0062M-0001-SO	240-22648-28
079SB-0063M-0001-SO	240-22648-29
079SB-0064M-0001-SO	240-22648-30
079SB-0075-0001-SO	240-22648-31
079SB-0065M-0001-SO	240-22648-32
079SB-0066M-0001-SO	240-22648-33
079SB-0067M-0001-SO	240-22648-34
079SB-0068M-0001-SO	240-22648-35
079SB-0069M-0001-SO	240-22648-36
079SB-0070M-0001,0002-SO	240-22648-37
079SB-0071M-0001-SO	240-22648-38
079SB-0072M-0001,0002-SO	240-22648-39
079SB-0074M-0001-SO	240-22648-40
068SB-0044M-0001-SO	240-22648-41
068SB-0045M-0001-SO	240-22648-42
068SB-0046M-0001-SO	240-22648-43
068SB-0047M-0001-SO	240-22648-44
068SB-0048M-0001-SO	240-22648-45
068SB-0033M-0001-SO	240-22648-46
068SB-0034M-0001-SO	240-22648-47

Comments:

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METALS

Lab Name: TestAmerica Pittsburgh Job Number: 240-22648-1

SDG No.:

Project: RVAAP - ECC

Client Sample ID	Lab Sample ID
068SB-0035M-0001-SO	240-22648-48
068SB-0038M-0001-SO	240-22648-49
068SB-0036M-0001-SO	240-22648-50
068SB-0039M-0001-SO	240-22648-51
068SB-0040M-0001-SO	240-22648-52
068SB-0041M-0001-SO	240-22648-53
068SB-0042M-0001-SO	240-22648-54
068SB-0050M-0001-SO	240-22648-55
068SB-0051M-0001-SO	240-22648-56
068SB-0052M-0001-SO	240-22648-57
068SB-0053M-0001-SO	240-22648-58
068SB-0054M-0001-SO	240-22648-59
068SB-0056M-0001-SO	240-22648-60
068SB-0057M-0001-SO	240-22648-61
068SB-0059M-0001-SO	240-22648-62

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SB-0016M-0001-SO
Lab Sample ID: 240-22648-1
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 11:08
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.030	0.11	0.036	0.015	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SB-0017M-0001-SO
Lab Sample ID: 240-22648-2
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 11:08
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.028	0.11	0.037	0.016	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SB-0019M-0001-SO
Lab Sample ID: 240-22648-3
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 11:10
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.018	0.10	0.033	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SB-0020M-0001-SO
Lab Sample ID: 240-22648-4
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 09:52
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.024	0.090	0.030	0.013	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SB-0021M-0001-SO
Lab Sample ID: 240-22648-5
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 10:03
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.028	0.10	0.034	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SB-0022M-0001-SO
Lab Sample ID: 240-22648-6
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 10:54
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.015	0.092	0.030	0.013	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SB-0023M-0001-SO
Lab Sample ID: 240-22648-7
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 11:12
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.025	0.11	0.035	0.015	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SB-0024M-0001-SO
Lab Sample ID: 240-22648-8
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 10:07
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.030	0.090	0.030	0.013	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SB-0067-0001-SO
Lab Sample ID: 240-22648-9
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 10:34
Reporting Basis: DRY
Date Received: 04/01/2013 17:31
% Solids: 86.4

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.040	0.12	0.040	0.017	mg/Kg	U		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SD-0045-0001,0002-SO
Lab Sample ID: 240-22648-10
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 14:00
Reporting Basis: DRY
Date Received: 04/01/2013 17:31
% Solids: 39.2

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.072	0.28	0.092	0.039	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SD-0047-0001-SO
Lab Sample ID: 240-22648-11
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 13:25
Reporting Basis: DRY
Date Received: 04/01/2013 17:31
% Solids: 66.1

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.035	0.14	0.048	0.020	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SD-0048-0001-SO
Lab Sample ID: 240-22648-12
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 13:25
Reporting Basis: DRY
Date Received: 04/01/2013 17:31
% Solids: 64.7

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.032	0.16	0.054	0.023	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SD-0050-0001-SO
Lab Sample ID: 240-22648-13
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 13:05
Reporting Basis: DRY
Date Received: 04/01/2013 17:31
% Solids: 65.9

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.041	0.16	0.052	0.022	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SD-0046-0001-SO
Lab Sample ID: 240-22648-14
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 13:45
Reporting Basis: DRY
Date Received: 04/01/2013 17:31
% Solids: 37.8

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.10	0.29	0.095	0.040	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SW-0056-0001M,0002-SW
Lab Sample ID: 240-22648-15
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Water
Date Sampled: 03/28/2013 13:55
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.20	0.20	0.20	0.12	ug/L	U		1	7470A/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SW-0058-0001-SW
Lab Sample ID: 240-22648-16
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Water
Date Sampled: 03/28/2013 13:30
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.20	0.20	0.20	0.12	ug/L	U		1	7470A/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SW-0059-0001-SW
Lab Sample ID: 240-22648-17
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Water
Date Sampled: 03/28/2013 13:30
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.20	0.20	0.20	0.12	ug/L	U		1	7470A/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SW-0061-0001-SW
Lab Sample ID: 240-22648-18
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Water
Date Sampled: 03/28/2013 13:00
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.20	0.20	0.20	0.12	ug/L	U		1	7470A/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SW-0067-0001-SW
Lab Sample ID: 240-22648-21
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Water
Date Sampled: 03/28/2013 13:50
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.24	0.20	0.20	0.12	ug/L			1	7470A/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0055M-0001-SO
Lab Sample ID: 240-22648-22
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 15:22
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.029	0.095	0.031	0.013	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0057M-0001-SO
Lab Sample ID: 240-22648-23
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 15:22
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.023	0.10	0.034	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0058M-0001-SO
Lab Sample ID: 240-22648-24
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 15:27
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.031	0.095	0.031	0.013	mg/Kg	U		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0059M-0001-SO
Lab Sample ID: 240-22648-25
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 15:27
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.034	0.10	0.034	0.014	mg/Kg	U		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0060M-0001-SO
Lab Sample ID: 240-22648-26
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 15:25
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.021	0.11	0.036	0.015	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0061M-0001,0002-SO
Lab Sample ID: 240-22648-27
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 15:12
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.035	0.11	0.035	0.015	mg/Kg	U		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0062M-0001-SO
Lab Sample ID: 240-22648-28
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 14:50
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.015	0.11	0.035	0.015	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0063M-0001-SO
Lab Sample ID: 240-22648-29
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 14:37
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.037	0.11	0.037	0.016	mg/Kg	U		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0064M-0001-SO
Lab Sample ID: 240-22648-30
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 14:00
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.014	0.092	0.030	0.013	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0075-0001-SO
Lab Sample ID: 240-22648-31
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 14:21
Reporting Basis: DRY
Date Received: 04/01/2013 17:31
% Solids: 80.5

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.042	0.13	0.042	0.018	mg/Kg	U		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0065M-0001-SO
Lab Sample ID: 240-22648-32
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 17:11
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.017	0.092	0.030	0.013	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0066M-0001-SO
Lab Sample ID: 240-22648-33
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 17:11
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.021	0.095	0.031	0.013	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0067M-0001-SO
Lab Sample ID: 240-22648-34
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 17:12
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.036	0.11	0.036	0.015	mg/Kg	U		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0068M-0001-SO
Lab Sample ID: 240-22648-35
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 17:12
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.034	0.10	0.034	0.014	mg/Kg	U		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0069M-0001-SO
Lab Sample ID: 240-22648-36
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 16:15
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.039	0.12	0.039	0.016	mg/Kg	U		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0070M-0001,0002-SO
Lab Sample ID: 240-22648-37
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 16:30
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.033	0.10	0.033	0.014	mg/Kg	U		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0071M-0001-SO
Lab Sample ID: 240-22648-38
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 16:34
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.032	0.098	0.032	0.014	mg/Kg	U		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0072M-0001,0002-SO
Lab Sample ID: 240-22648-39
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 16:53
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.029	0.088	0.029	0.012	mg/Kg	U		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0074M-0001-SO
Lab Sample ID: 240-22648-40
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 17:20
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.016	0.095	0.031	0.013	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0044M-0001-SO
Lab Sample ID: 240-22648-41
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 10:21
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.019	0.10	0.034	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0045M-0001-SO
Lab Sample ID: 240-22648-42
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 10:23
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.032	0.097	0.032	0.014	mg/Kg	U		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0046M-0001-SO
Lab Sample ID: 240-22648-43
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 09:37
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.035	0.11	0.035	0.015	mg/Kg	U		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0047M-0001-SO
Lab Sample ID: 240-22648-44
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 10:25
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.037	0.11	0.037	0.016	mg/Kg	U		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0048M-0001-SO
Lab Sample ID: 240-22648-45
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 10:07
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.034	0.10	0.034	0.014	mg/Kg	U		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0033M-0001-SO
Lab Sample ID: 240-22648-46
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 09:15
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.052	0.10	0.033	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0034M-0001-SO
Lab Sample ID: 240-22648-47
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 09:19
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.015	0.10	0.033	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0035M-0001-SO
Lab Sample ID: 240-22648-48
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 08:26
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.015	0.11	0.036	0.015	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0038M-0001-SO
Lab Sample ID: 240-22648-49
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 09:20
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.020	0.092	0.030	0.013	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0036M-0001-SO
Lab Sample ID: 240-22648-50
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 08:26
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.019	0.10	0.034	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0039M-0001-SO
Lab Sample ID: 240-22648-51
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 08:52
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.017	0.10	0.034	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0040M-0001-SO
Lab Sample ID: 240-22648-52
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 08:59
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.018	0.097	0.032	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0041M-0001-SO
Lab Sample ID: 240-22648-53
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 09:12
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.21	0.098	0.032	0.014	mg/Kg			1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0042M-0001-SO
Lab Sample ID: 240-22648-54
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 08:33
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.037	0.11	0.037	0.016	mg/Kg	U		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0050M-0001-SO
Lab Sample ID: 240-22648-55
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 11:57
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.019	0.10	0.033	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0051M-0001-SO
Lab Sample ID: 240-22648-56
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 11:58
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.037	0.11	0.037	0.016	mg/Kg	U		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0052M-0001-SO
Lab Sample ID: 240-22648-57
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 12:00
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.030	0.091	0.030	0.013	mg/Kg	U		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0053M-0001-SO
Lab Sample ID: 240-22648-58
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 11:18
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.015	0.10	0.034	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0054M-0001-SO
Lab Sample ID: 240-22648-59
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 11:18
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.014	0.086	0.028	0.012	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0056M-0001-SO
Lab Sample ID: 240-22648-60
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 11:35
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.031	0.095	0.031	0.013	mg/Kg	U		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0057M-0001-SO
Lab Sample ID: 240-22648-61
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 11:26
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.032	0.097	0.032	0.014	mg/Kg	U		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0059M-0001-SO
Lab Sample ID: 240-22648-62
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 11:47
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.037	0.11	0.037	0.016	mg/Kg	U		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SB-0016M-0001-SO
Lab Sample ID: 240-22648-1
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 11:08
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.24	0.10	0.030	0.011	mg/Kg		Q	1	6020/DOD
Aluminum	5500	3.0	0.60	0.28	mg/Kg			1	6020/DOD
Arsenic	7.3	0.10	0.050	0.018	mg/Kg		Q	1	6020/DOD
Barium	50	1.0	0.020	0.011	mg/Kg		Q	1	6020/DOD
Beryllium	0.38	0.10	0.010	0.0075	mg/Kg		Q	1	6020/DOD
Calcium	5500	10	2.5	1.3	mg/Kg			1	6020/DOD
Cadmium	0.20	0.10	0.030	0.013	mg/Kg		Q	1	6020/DOD
Chromium	9.6	0.20	0.040	0.022	mg/Kg			1	6020/DOD
Cobalt	6.6	0.050	0.010	0.0024	mg/Kg		Q	1	6020/DOD
Copper	12	0.20	0.060	0.033	mg/Kg		Q	1	6020/DOD
Iron	14000	5.0	2.0	1.1	mg/Kg			1	6020/DOD
Magnesium	1800	10	2.0	1.1	mg/Kg			1	6020/DOD
Manganese	360	0.50	0.030	0.016	mg/Kg		Q	1	6020/DOD
Sodium	32	10	5.0	2.7	mg/Kg			1	6020/DOD
Nickel	15	0.10	0.030	0.011	mg/Kg			1	6020/DOD
Lead	11	0.10	0.030	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.047	0.20	0.10	0.046	mg/Kg	J		1	6020/DOD
Thallium	0.091	0.10	0.020	0.010	mg/Kg	J	Q	1	6020/DOD
Vanadium	9.8	0.10	0.060	0.030	mg/Kg			1	6020/DOD
Zinc	43	0.50	0.20	0.065	mg/Kg		Q	1	6020/DOD
Potassium	560	10	6.0	3.2	mg/Kg			1	6020/DOD
Selenium	0.25	0.50	0.10	0.051	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SB-0017M-0001-SO
Lab Sample ID: 240-22648-2
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 11:08
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.23	0.099	0.030	0.011	mg/Kg		Q	1	6020/DOD
Aluminum	5300	3.0	0.59	0.28	mg/Kg			1	6020/DOD
Arsenic	6.6	0.099	0.050	0.018	mg/Kg		Q	1	6020/DOD
Barium	48	0.99	0.020	0.011	mg/Kg		Q	1	6020/DOD
Beryllium	0.36	0.099	0.0099	0.0074	mg/Kg		Q	1	6020/DOD
Calcium	2000	9.9	2.5	1.3	mg/Kg			1	6020/DOD
Cadmium	0.19	0.099	0.030	0.013	mg/Kg		Q	1	6020/DOD
Chromium	8.8	0.20	0.040	0.022	mg/Kg			1	6020/DOD
Cobalt	6.3	0.050	0.0099	0.0024	mg/Kg		Q	1	6020/DOD
Copper	11	0.20	0.059	0.033	mg/Kg		Q	1	6020/DOD
Iron	14000	5.0	2.0	1.1	mg/Kg			1	6020/DOD
Magnesium	1600	9.9	2.0	1.1	mg/Kg			1	6020/DOD
Manganese	400	0.50	0.030	0.016	mg/Kg		Q	1	6020/DOD
Sodium	33	9.9	5.0	2.6	mg/Kg			1	6020/DOD
Nickel	14	0.099	0.030	0.011	mg/Kg			1	6020/DOD
Lead	10	0.099	0.030	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.099	0.20	0.099	0.045	mg/Kg	U		1	6020/DOD
Thallium	0.084	0.099	0.020	0.010	mg/Kg	J	Q	1	6020/DOD
Vanadium	9.3	0.099	0.059	0.030	mg/Kg			1	6020/DOD
Zinc	42	0.50	0.20	0.064	mg/Kg		Q	1	6020/DOD
Potassium	540	9.9	5.9	3.1	mg/Kg			1	6020/DOD
Selenium	0.26	0.50	0.099	0.050	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SB-0019M-0001-SO
Lab Sample ID: 240-22648-3
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 11:10
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.021	0.098	0.029	0.011	mg/Kg	J	Q	1	6020/DOD
Aluminum	4100	2.9	0.59	0.28	mg/Kg			1	6020/DOD
Arsenic	5.0	0.098	0.049	0.018	mg/Kg		Q	1	6020/DOD
Barium	36	0.98	0.020	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.27	0.098	0.0098	0.0074	mg/Kg		Q	1	6020/DOD
Calcium	1100	9.8	2.5	1.3	mg/Kg			1	6020/DOD
Cadmium	0.12	0.098	0.029	0.013	mg/Kg		Q	1	6020/DOD
Chromium	6.7	0.20	0.039	0.022	mg/Kg			1	6020/DOD
Cobalt	4.8	0.049	0.0098	0.0024	mg/Kg		Q	1	6020/DOD
Copper	7.3	0.20	0.059	0.032	mg/Kg		Q	1	6020/DOD
Iron	9500	4.9	2.0	1.1	mg/Kg			1	6020/DOD
Magnesium	1300	9.8	2.0	1.1	mg/Kg			1	6020/DOD
Manganese	120	0.49	0.029	0.016	mg/Kg		Q	1	6020/DOD
Sodium	31	9.8	4.9	2.6	mg/Kg			1	6020/DOD
Nickel	12	0.098	0.029	0.011	mg/Kg			1	6020/DOD
Lead	6.4	0.098	0.029	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.098	0.20	0.098	0.045	mg/Kg	U		1	6020/DOD
Thallium	0.059	0.098	0.020	0.010	mg/Kg	J	Q	1	6020/DOD
Vanadium	7.4	0.098	0.059	0.029	mg/Kg			1	6020/DOD
Zinc	29	0.49	0.20	0.064	mg/Kg		Q	1	6020/DOD
Potassium	480	9.8	5.9	3.1	mg/Kg			1	6020/DOD
Selenium	0.24	0.49	0.098	0.050	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SB-0020M-0001-SO
Lab Sample ID: 240-22648-4
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 09:52
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.033	0.099	0.030	0.011	mg/Kg	J	Q	1	6020/DOD
Aluminum	4800	3.0	0.59	0.28	mg/Kg			1	6020/DOD
Arsenic	6.1	0.099	0.050	0.018	mg/Kg		Q	1	6020/DOD
Barium	36	0.99	0.020	0.011	mg/Kg		Q	1	6020/DOD
Beryllium	0.31	0.099	0.0099	0.0074	mg/Kg		Q	1	6020/DOD
Calcium	1200	9.9	2.5	1.3	mg/Kg			1	6020/DOD
Cadmium	0.14	0.099	0.030	0.013	mg/Kg		Q	1	6020/DOD
Chromium	7.5	0.20	0.040	0.022	mg/Kg			1	6020/DOD
Cobalt	5.6	0.050	0.0099	0.0024	mg/Kg		Q	1	6020/DOD
Copper	8.7	0.20	0.059	0.033	mg/Kg		Q	1	6020/DOD
Iron	12000	5.0	2.0	1.1	mg/Kg			1	6020/DOD
Magnesium	1300	9.9	2.0	1.1	mg/Kg			1	6020/DOD
Manganese	250	0.50	0.030	0.016	mg/Kg		Q	1	6020/DOD
Sodium	28	9.9	5.0	2.6	mg/Kg			1	6020/DOD
Nickel	11	0.099	0.030	0.011	mg/Kg			1	6020/DOD
Lead	8.5	0.099	0.030	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.099	0.20	0.099	0.045	mg/Kg	U		1	6020/DOD
Thallium	0.069	0.099	0.020	0.010	mg/Kg	J	Q	1	6020/DOD
Vanadium	8.4	0.099	0.059	0.030	mg/Kg			1	6020/DOD
Zinc	35	0.50	0.20	0.064	mg/Kg		Q	1	6020/DOD
Potassium	420	9.9	5.9	3.1	mg/Kg			1	6020/DOD
Selenium	0.23	0.50	0.099	0.050	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SB-0021M-0001-SO
Lab Sample ID: 240-22648-5
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 10:03
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.027	0.098	0.029	0.011	mg/Kg	J	Q	1	6020/DOD
Aluminum	5100	2.9	0.59	0.28	mg/Kg			1	6020/DOD
Arsenic	6.4	0.098	0.049	0.018	mg/Kg		Q	1	6020/DOD
Barium	49	0.98	0.020	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.34	0.098	0.0098	0.0074	mg/Kg		Q	1	6020/DOD
Calcium	2400	9.8	2.5	1.3	mg/Kg			1	6020/DOD
Cadmium	0.14	0.098	0.029	0.013	mg/Kg		Q	1	6020/DOD
Chromium	7.3	0.20	0.039	0.022	mg/Kg			1	6020/DOD
Cobalt	5.2	0.049	0.0098	0.0024	mg/Kg		Q	1	6020/DOD
Copper	8.1	0.20	0.059	0.032	mg/Kg		Q	1	6020/DOD
Iron	12000	4.9	2.0	1.1	mg/Kg			1	6020/DOD
Magnesium	1300	9.8	2.0	1.1	mg/Kg			1	6020/DOD
Manganese	300	0.49	0.029	0.016	mg/Kg		Q	1	6020/DOD
Sodium	33	9.8	4.9	2.6	mg/Kg			1	6020/DOD
Nickel	12	0.098	0.029	0.011	mg/Kg			1	6020/DOD
Lead	8.1	0.098	0.029	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.098	0.20	0.098	0.045	mg/Kg	U		1	6020/DOD
Thallium	0.076	0.098	0.020	0.010	mg/Kg	J	Q	1	6020/DOD
Vanadium	8.7	0.098	0.059	0.029	mg/Kg			1	6020/DOD
Zinc	33	0.49	0.20	0.064	mg/Kg		Q	1	6020/DOD
Potassium	420	9.8	5.9	3.1	mg/Kg			1	6020/DOD
Selenium	0.33	0.49	0.098	0.050	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SB-0022M-0001-SO
Lab Sample ID: 240-22648-6
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 10:54
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.041	0.095	0.029	0.011	mg/Kg	J	Q	1	6020/DOD
Aluminum	3900	2.9	0.57	0.27	mg/Kg			1	6020/DOD
Arsenic	4.4	0.095	0.048	0.017	mg/Kg		Q	1	6020/DOD
Barium	31	0.95	0.019	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.25	0.095	0.0095	0.0071	mg/Kg		Q	1	6020/DOD
Calcium	1500	9.5	2.4	1.3	mg/Kg			1	6020/DOD
Cadmium	0.12	0.095	0.029	0.013	mg/Kg		Q	1	6020/DOD
Chromium	7.2	0.19	0.038	0.021	mg/Kg			1	6020/DOD
Cobalt	4.8	0.048	0.0095	0.0023	mg/Kg		Q	1	6020/DOD
Copper	8.0	0.19	0.057	0.031	mg/Kg		Q	1	6020/DOD
Iron	10000	4.8	1.9	1.0	mg/Kg			1	6020/DOD
Magnesium	1200	9.5	1.9	1.0	mg/Kg			1	6020/DOD
Manganese	170	0.48	0.029	0.015	mg/Kg		Q	1	6020/DOD
Sodium	27	9.5	4.8	2.5	mg/Kg			1	6020/DOD
Nickel	12	0.095	0.029	0.011	mg/Kg			1	6020/DOD
Lead	7.5	0.095	0.029	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.095	0.19	0.095	0.044	mg/Kg	U		1	6020/DOD
Thallium	0.072	0.095	0.019	0.0097	mg/Kg	J	Q	1	6020/DOD
Vanadium	7.4	0.095	0.057	0.028	mg/Kg			1	6020/DOD
Zinc	30	0.48	0.19	0.062	mg/Kg		Q	1	6020/DOD
Potassium	550	9.5	5.7	3.0	mg/Kg			1	6020/DOD
Selenium	0.16	0.48	0.095	0.048	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SB-0023M-0001-SO
Lab Sample ID: 240-22648-7
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 11:12
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.38	0.099	0.030	0.011	mg/Kg		Q	1	6020/DOD
Aluminum	6200	3.0	0.59	0.28	mg/Kg			1	6020/DOD
Arsenic	12	0.099	0.050	0.018	mg/Kg		Q	1	6020/DOD
Barium	35	0.99	0.020	0.011	mg/Kg		Q	1	6020/DOD
Beryllium	0.37	0.099	0.0099	0.0074	mg/Kg		Q	1	6020/DOD
Calcium	3100	9.9	2.5	1.3	mg/Kg			1	6020/DOD
Cadmium	0.20	0.099	0.030	0.013	mg/Kg		Q	1	6020/DOD
Chromium	11	0.20	0.040	0.022	mg/Kg			1	6020/DOD
Cobalt	8.6	0.050	0.0099	0.0024	mg/Kg		Q	1	6020/DOD
Copper	14	0.20	0.059	0.033	mg/Kg		Q	1	6020/DOD
Iron	17000	5.0	2.0	1.1	mg/Kg			1	6020/DOD
Magnesium	3000	9.9	2.0	1.1	mg/Kg			1	6020/DOD
Manganese	360	0.50	0.030	0.016	mg/Kg		Q	1	6020/DOD
Sodium	55	9.9	5.0	2.6	mg/Kg			1	6020/DOD
Nickel	20	0.099	0.030	0.011	mg/Kg			1	6020/DOD
Lead	11	0.099	0.030	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.099	0.20	0.099	0.045	mg/Kg	U		1	6020/DOD
Thallium	0.099	0.099	0.020	0.010	mg/Kg		Q	1	6020/DOD
Vanadium	10	0.099	0.059	0.030	mg/Kg			1	6020/DOD
Zinc	43	0.50	0.20	0.064	mg/Kg		Q	1	6020/DOD
Potassium	980	9.9	5.9	3.1	mg/Kg			1	6020/DOD
Selenium	0.26	0.50	0.099	0.050	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SB-0024M-0001-SO
Lab Sample ID: 240-22648-8
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 10:07
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.074	0.095	0.029	0.011	mg/Kg	J	Q	1	6020/DOD
Aluminum	5500	2.9	0.57	0.27	mg/Kg			1	6020/DOD
Arsenic	5.6	0.095	0.048	0.017	mg/Kg		Q	1	6020/DOD
Barium	56	0.95	0.019	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.36	0.095	0.0095	0.0071	mg/Kg		Q	1	6020/DOD
Calcium	1600	9.5	2.4	1.3	mg/Kg			1	6020/DOD
Cadmium	0.18	0.095	0.029	0.013	mg/Kg		Q	1	6020/DOD
Chromium	9.8	0.19	0.038	0.021	mg/Kg			1	6020/DOD
Cobalt	5.5	0.048	0.0095	0.0023	mg/Kg		Q	1	6020/DOD
Copper	9.7	0.19	0.057	0.031	mg/Kg		Q	1	6020/DOD
Iron	13000	4.8	1.9	1.0	mg/Kg			1	6020/DOD
Magnesium	1500	9.5	1.9	1.0	mg/Kg			1	6020/DOD
Manganese	250	0.48	0.029	0.015	mg/Kg		Q	1	6020/DOD
Sodium	34	9.5	4.8	2.5	mg/Kg			1	6020/DOD
Nickel	14	0.095	0.029	0.011	mg/Kg			1	6020/DOD
Lead	16	0.095	0.029	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.095	0.19	0.095	0.044	mg/Kg	U		1	6020/DOD
Thallium	0.085	0.095	0.019	0.0097	mg/Kg	J	Q	1	6020/DOD
Vanadium	9.8	0.095	0.057	0.028	mg/Kg			1	6020/DOD
Zinc	40	0.48	0.19	0.062	mg/Kg		Q	1	6020/DOD
Potassium	520	9.5	5.7	3.0	mg/Kg			1	6020/DOD
Selenium	0.25	0.48	0.095	0.048	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SB-0067-0001-SO
Lab Sample ID: 240-22648-9
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 10:34
Reporting Basis: DRY
Date Received: 04/01/2013 17:31
% Solids: 86.4

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.016	0.11	0.034	0.013	mg/Kg	J	Q	1	6020/DOD
Aluminum	5400	3.4	0.67	0.32	mg/Kg			1	6020/DOD
Arsenic	9.3	0.11	0.056	0.020	mg/Kg		Q	1	6020/DOD
Barium	25	1.1	0.022	0.012	mg/Kg		Q	1	6020/DOD
Beryllium	0.29	0.11	0.011	0.0084	mg/Kg		Q	1	6020/DOD
Calcium	3100	11	2.8	1.5	mg/Kg			1	6020/DOD
Cadmium	0.093	0.11	0.034	0.015	mg/Kg	J	Q	1	6020/DOD
Chromium	8.2	0.22	0.045	0.025	mg/Kg			1	6020/DOD
Cobalt	6.8	0.056	0.011	0.0027	mg/Kg		Q	1	6020/DOD
Copper	10	0.22	0.067	0.037	mg/Kg		Q	1	6020/DOD
Iron	15000	5.6	2.2	1.2	mg/Kg			1	6020/DOD
Magnesium	2900	11	2.2	1.2	mg/Kg			1	6020/DOD
Manganese	150	0.56	0.034	0.018	mg/Kg		Q	1	6020/DOD
Sodium	69	11	5.6	3.0	mg/Kg			1	6020/DOD
Nickel	16	0.11	0.034	0.013	mg/Kg			1	6020/DOD
Lead	6.3	0.11	0.034	0.017	mg/Kg		Q	1	6020/DOD
Antimony	0.11	0.22	0.11	0.052	mg/Kg	U		1	6020/DOD
Thallium	0.077	0.11	0.022	0.011	mg/Kg	J	Q	1	6020/DOD
Vanadium	8.5	0.11	0.067	0.034	mg/Kg			1	6020/DOD
Zinc	30	0.56	0.22	0.073	mg/Kg		Q	1	6020/DOD
Potassium	1100	11	6.7	3.5	mg/Kg			1	6020/DOD
Selenium	0.24	0.56	0.11	0.057	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SD-0045-0001,0002-SO
Lab Sample ID: 240-22648-10
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 14:00
Reporting Basis: DRY
Date Received: 04/01/2013 17:31
% Solids: 39.2

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.090	0.24	0.073	0.028	mg/Kg	J	Q	1	6020/DOD
Aluminum	12000	7.3	1.5	0.69	mg/Kg		J	1	6020/DOD
Arsenic	11	0.24	0.12	0.044	mg/Kg		Q	1	6020/DOD
Barium	140	2.4	0.049	0.026	mg/Kg		Q	1	6020/DOD
Beryllium	0.64	0.24	0.024	0.018	mg/Kg		Q	1	6020/DOD
Calcium	4000	24	6.1	3.2	mg/Kg			1	6020/DOD
Cadmium	0.71	0.24	0.073	0.032	mg/Kg		Q	1	6020/DOD
Chromium	15	0.49	0.097	0.054	mg/Kg			1	6020/DOD
Cobalt	9.9	0.12	0.024	0.0058	mg/Kg		Q	1	6020/DOD
Copper	19	0.49	0.15	0.080	mg/Kg		Q	1	6020/DOD
Iron	27000	12	4.9	2.6	mg/Kg		J	1	6020/DOD
Magnesium	2400	24	4.9	2.6	mg/Kg			1	6020/DOD
Manganese	2300	1.2	0.073	0.039	mg/Kg		Q J	1	6020/DOD
Sodium	110	24	12	6.5	mg/Kg			1	6020/DOD
Nickel	20	0.24	0.073	0.027	mg/Kg			1	6020/DOD
Lead	21	0.24	0.073	0.037	mg/Kg		Q	1	6020/DOD
Antimony	0.24	0.49	0.24	0.11	mg/Kg	U	J	1	6020/DOD
Thallium	0.22	0.24	0.049	0.025	mg/Kg	J	Q	1	6020/DOD
Vanadium	21	0.24	0.15	0.073	mg/Kg			1	6020/DOD
Zinc	84	1.2	0.49	0.16	mg/Kg		Q	1	6020/DOD
Potassium	730	24	15	7.7	mg/Kg			1	6020/DOD
Selenium	0.87	1.2	0.24	0.12	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SD-0047-0001-SO
Lab Sample ID: 240-22648-11
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 13:25
Reporting Basis: DRY
Date Received: 04/01/2013 17:31
% Solids: 66.1

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.043	0.15	0.045	0.017	mg/Kg	J	Q	1	6020/DOD
Aluminum	9600	4.5	0.91	0.43	mg/Kg			1	6020/DOD
Arsenic	7.6	0.15	0.076	0.027	mg/Kg		Q	1	6020/DOD
Barium	180	1.5	0.030	0.016	mg/Kg		Q	1	6020/DOD
Beryllium	0.93	0.15	0.015	0.011	mg/Kg		Q	1	6020/DOD
Calcium	12000	15	3.8	2.0	mg/Kg			1	6020/DOD
Cadmium	0.89	0.15	0.045	0.020	mg/Kg		Q	1	6020/DOD
Chromium	9.4	0.30	0.061	0.034	mg/Kg			1	6020/DOD
Cobalt	11	0.076	0.015	0.0036	mg/Kg		Q	1	6020/DOD
Copper	9.2	0.30	0.091	0.050	mg/Kg		Q	1	6020/DOD
Iron	17000	7.6	3.0	1.6	mg/Kg			1	6020/DOD
Magnesium	2800	15	3.0	1.6	mg/Kg			1	6020/DOD
Manganese	2300	0.76	0.045	0.024	mg/Kg		Q	1	6020/DOD
Sodium	80	15	7.6	4.0	mg/Kg			1	6020/DOD
Nickel	21	0.15	0.045	0.017	mg/Kg			1	6020/DOD
Lead	13	0.15	0.045	0.023	mg/Kg		Q	1	6020/DOD
Antimony	0.18	0.30	0.15	0.069	mg/Kg	J		1	6020/DOD
Thallium	0.11	0.15	0.030	0.015	mg/Kg	J	Q	1	6020/DOD
Vanadium	17	0.15	0.091	0.045	mg/Kg			1	6020/DOD
Zinc	49	0.76	0.30	0.098	mg/Kg		Q	1	6020/DOD
Potassium	490	15	9.1	4.8	mg/Kg			1	6020/DOD
Selenium	0.71	0.76	0.15	0.077	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SD-0048-0001-SO
Lab Sample ID: 240-22648-12
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 13:25
Reporting Basis: DRY
Date Received: 04/01/2013 17:31
% Solids: 64.7

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.039	0.15	0.046	0.017	mg/Kg	J	Q	1	6020/DOD
Aluminum	8800	4.6	0.92	0.44	mg/Kg			1	6020/DOD
Arsenic	10	0.15	0.077	0.028	mg/Kg		Q	1	6020/DOD
Barium	180	1.5	0.031	0.016	mg/Kg		Q	1	6020/DOD
Beryllium	0.94	0.15	0.015	0.011	mg/Kg		Q	1	6020/DOD
Calcium	9800	15	3.8	2.0	mg/Kg			1	6020/DOD
Cadmium	0.79	0.15	0.046	0.020	mg/Kg		Q	1	6020/DOD
Chromium	8.2	0.31	0.061	0.034	mg/Kg			1	6020/DOD
Cobalt	13	0.077	0.015	0.0037	mg/Kg		Q	1	6020/DOD
Copper	9.7	0.31	0.092	0.051	mg/Kg		Q	1	6020/DOD
Iron	16000	7.7	3.1	1.6	mg/Kg			1	6020/DOD
Magnesium	2400	15	3.1	1.7	mg/Kg			1	6020/DOD
Manganese	2900	0.77	0.046	0.024	mg/Kg		Q	1	6020/DOD
Sodium	93	15	7.7	4.1	mg/Kg			1	6020/DOD
Nickel	21	0.15	0.046	0.017	mg/Kg			1	6020/DOD
Lead	13	0.15	0.046	0.024	mg/Kg		Q	1	6020/DOD
Antimony	0.072	0.31	0.15	0.070	mg/Kg	J		1	6020/DOD
Thallium	0.13	0.15	0.031	0.016	mg/Kg	J	Q	1	6020/DOD
Vanadium	17	0.15	0.092	0.046	mg/Kg			1	6020/DOD
Zinc	54	0.77	0.31	0.099	mg/Kg		Q	1	6020/DOD
Potassium	500	15	9.2	4.8	mg/Kg			1	6020/DOD
Selenium	0.78	0.77	0.15	0.078	mg/Kg			1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SD-0050-0001-SO
Lab Sample ID: 240-22648-13
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 13:05
Reporting Basis: DRY
Date Received: 04/01/2013 17:31
% Solids: 65.9

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.034	0.15	0.046	0.017	mg/Kg	J	Q	1	6020/DOD
Aluminum	5700	4.6	0.91	0.43	mg/Kg			1	6020/DOD
Arsenic	4.6	0.15	0.076	0.027	mg/Kg		Q	1	6020/DOD
Barium	64	1.5	0.030	0.016	mg/Kg		Q	1	6020/DOD
Beryllium	0.39	0.15	0.015	0.011	mg/Kg		Q	1	6020/DOD
Calcium	2000	15	3.8	2.0	mg/Kg			1	6020/DOD
Cadmium	0.35	0.15	0.046	0.020	mg/Kg		Q	1	6020/DOD
Chromium	7.7	0.30	0.061	0.034	mg/Kg			1	6020/DOD
Cobalt	6.4	0.076	0.015	0.0036	mg/Kg		Q	1	6020/DOD
Copper	11	0.30	0.091	0.050	mg/Kg		Q	1	6020/DOD
Iron	12000	7.6	3.0	1.6	mg/Kg			1	6020/DOD
Magnesium	1500	15	3.0	1.6	mg/Kg			1	6020/DOD
Manganese	580	0.76	0.046	0.024	mg/Kg		Q	1	6020/DOD
Sodium	66	15	7.6	4.0	mg/Kg			1	6020/DOD
Nickel	13	0.15	0.046	0.017	mg/Kg			1	6020/DOD
Lead	12	0.15	0.046	0.023	mg/Kg		Q	1	6020/DOD
Antimony	0.15	0.30	0.15	0.070	mg/Kg	U		1	6020/DOD
Thallium	0.090	0.15	0.030	0.015	mg/Kg	J	Q	1	6020/DOD
Vanadium	11	0.15	0.091	0.045	mg/Kg			1	6020/DOD
Zinc	54	0.76	0.30	0.098	mg/Kg		Q	1	6020/DOD
Potassium	500	15	9.1	4.8	mg/Kg			1	6020/DOD
Selenium	0.43	0.76	0.15	0.077	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SD-0046-0001-SO
Lab Sample ID: 240-22648-14
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 13:45
Reporting Basis: DRY
Date Received: 04/01/2013 17:31
% Solids: 37.8

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.067	0.26	0.077	0.029	mg/Kg	J	Q	1	6020/DOD
Aluminum	7900	7.7	1.5	0.73	mg/Kg			1	6020/DOD
Arsenic	7.3	0.26	0.13	0.047	mg/Kg		Q	1	6020/DOD
Barium	140	2.6	0.051	0.028	mg/Kg		Q	1	6020/DOD
Beryllium	0.66	0.26	0.026	0.019	mg/Kg		Q	1	6020/DOD
Calcium	5200	26	6.4	3.4	mg/Kg			1	6020/DOD
Cadmium	0.83	0.26	0.077	0.034	mg/Kg		Q	1	6020/DOD
Chromium	12	0.51	0.10	0.057	mg/Kg			1	6020/DOD
Cobalt	8.2	0.13	0.026	0.0062	mg/Kg		Q	1	6020/DOD
Copper	20	0.51	0.15	0.085	mg/Kg		Q	1	6020/DOD
Iron	17000	13	5.1	2.8	mg/Kg			1	6020/DOD
Magnesium	2000	26	5.1	2.8	mg/Kg			1	6020/DOD
Manganese	330	1.3	0.077	0.041	mg/Kg		Q	1	6020/DOD
Sodium	57	26	13	6.8	mg/Kg			1	6020/DOD
Nickel	20	0.26	0.077	0.029	mg/Kg			1	6020/DOD
Lead	22	0.26	0.077	0.040	mg/Kg		Q	1	6020/DOD
Antimony	0.17	0.51	0.26	0.12	mg/Kg	J		1	6020/DOD
Thallium	0.15	0.26	0.051	0.026	mg/Kg	J	Q	1	6020/DOD
Vanadium	17	0.26	0.15	0.077	mg/Kg			1	6020/DOD
Zinc	78	1.3	0.51	0.17	mg/Kg		Q	1	6020/DOD
Potassium	860	26	15	8.1	mg/Kg			1	6020/DOD
Selenium	1.7	1.3	0.26	0.13	mg/Kg			1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: 073SW-0056-0001M,0002-SW
Lab Sample ID: 240-22648-15
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Water
Date Sampled: 03/28/2013 13:55
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	2.5	1.0	0.20	0.11	ug/L		Q B	1	6020/DOD
Aluminum	150	30	5.0	2.6	ug/L			1	6020/DOD
Arsenic	0.50	1.0	0.50	0.29	ug/L	U	Q	1	6020/DOD
Barium	15	10	0.15	0.098	ug/L		Q	1	6020/DOD
Beryllium	0.090	1.0	0.090	0.045	ug/L	U	Q	1	6020/DOD
Calcium	26000	100	20	9.4	ug/L			1	6020/DOD
Cadmium	0.30	1.0	0.30	0.13	ug/L	U	Q	1	6020/DOD
Chromium	2.4	2.0	1.0	0.54	ug/L			1	6020/DOD
Cobalt	0.090	0.50	0.050	0.026	ug/L	J	Q	1	6020/DOD
Copper	2.6	2.0	0.50	0.24	ug/L		Q	1	6020/DOD
Iron	410	50	20	11	ug/L			1	6020/DOD
Magnesium	6400	100	22	11	ug/L			1	6020/DOD
Manganese	95	5.0	0.30	0.16	ug/L		Q	1	6020/DOD
Sodium	20000	100	55	27	ug/L			1	6020/DOD
Nickel	0.40	1.0	0.35	0.17	ug/L	J		1	6020/DOD
Lead	0.47	1.0	0.30	0.15	ug/L	J	Q	1	6020/DOD
Antimony	0.90	2.0	0.90	0.46	ug/L	U		1	6020/DOD
Thallium	0.20	1.0	0.20	0.10	ug/L	U	Q	1	6020/DOD
Vanadium	0.60	1.0	0.60	0.30	ug/L	U		1	6020/DOD
Zinc	1.8	5.0	2.0	0.96	ug/L	J	Q	1	6020/DOD
Potassium	1500	100	60	32	ug/L			1	6020/DOD
Selenium	1.0	5.0	1.0	0.51	ug/L	U		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: 073SW-0058-0001-SW
Lab Sample ID: 240-22648-16
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Water
Date Sampled: 03/28/2013 13:30
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.86	1.0	0.20	0.11	ug/L	J	Q B	1	6020/DOD
Aluminum	130	30	5.0	2.6	ug/L			1	6020/DOD
Arsenic	0.50	1.0	0.50	0.29	ug/L	U	Q	1	6020/DOD
Barium	18	10	0.15	0.098	ug/L		Q	1	6020/DOD
Beryllium	0.090	1.0	0.090	0.045	ug/L	U	Q	1	6020/DOD
Calcium	28000	100	20	9.4	ug/L			1	6020/DOD
Cadmium	0.30	1.0	0.30	0.13	ug/L	U	Q	1	6020/DOD
Chromium	1.8	2.0	1.0	0.54	ug/L	J		1	6020/DOD
Cobalt	0.17	0.50	0.050	0.026	ug/L	J	Q	1	6020/DOD
Copper	2.3	2.0	0.50	0.24	ug/L		Q	1	6020/DOD
Iron	650	50	20	11	ug/L			1	6020/DOD
Magnesium	6200	100	22	11	ug/L			1	6020/DOD
Manganese	160	5.0	0.30	0.16	ug/L		Q	1	6020/DOD
Sodium	18000	100	55	27	ug/L			1	6020/DOD
Nickel	0.32	1.0	0.35	0.17	ug/L	J		1	6020/DOD
Lead	0.49	1.0	0.30	0.15	ug/L	J	Q	1	6020/DOD
Antimony	0.90	2.0	0.90	0.46	ug/L	J		1	6020/DOD
Thallium	0.20	1.0	0.20	0.10	ug/L	U	Q	1	6020/DOD
Vanadium	0.60	1.0	0.60	0.30	ug/L	U		1	6020/DOD
Zinc	3.2	5.0	2.0	0.96	ug/L	J	Q	1	6020/DOD
Potassium	1300	100	60	32	ug/L			1	6020/DOD
Selenium	1.0	5.0	1.0	0.51	ug/L	U		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: 073SW-0059-0001-SW
Lab Sample ID: 240-22648-17
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Water
Date Sampled: 03/28/2013 13:30
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.47	1.0	0.20	0.11	ug/L	J	Q B	1	6020/DOD
Aluminum	140	30	5.0	2.6	ug/L			1	6020/DOD
Arsenic	0.66	1.0	0.50	0.29	ug/L	J	Q	1	6020/DOD
Barium	20	10	0.15	0.098	ug/L		Q	1	6020/DOD
Beryllium	0.057	1.0	0.090	0.045	ug/L	J	Q	1	6020/DOD
Calcium	28000	100	20	9.4	ug/L			1	6020/DOD
Cadmium	0.30	1.0	0.30	0.13	ug/L	U	Q	1	6020/DOD
Chromium	1.4	2.0	1.0	0.54	ug/L	J		1	6020/DOD
Cobalt	0.22	0.50	0.050	0.026	ug/L	J	Q	1	6020/DOD
Copper	2.0	2.0	0.50	0.24	ug/L		Q	1	6020/DOD
Iron	840	50	20	11	ug/L			1	6020/DOD
Magnesium	6200	100	22	11	ug/L			1	6020/DOD
Manganese	200	5.0	0.30	0.16	ug/L		Q	1	6020/DOD
Sodium	18000	100	55	27	ug/L			1	6020/DOD
Nickel	0.33	1.0	0.35	0.17	ug/L	J		1	6020/DOD
Lead	0.57	1.0	0.30	0.15	ug/L	J	Q	1	6020/DOD
Antimony	0.90	2.0	0.90	0.46	ug/L	U		1	6020/DOD
Thallium	0.20	1.0	0.20	0.10	ug/L	U	Q	1	6020/DOD
Vanadium	0.60	1.0	0.60	0.30	ug/L	U		1	6020/DOD
Zinc	3.1	5.0	2.0	0.96	ug/L	J	Q	1	6020/DOD
Potassium	1300	100	60	32	ug/L			1	6020/DOD
Selenium	1.0	5.0	1.0	0.51	ug/L	U		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: 073SW-0061-0001-SW
Lab Sample ID: 240-22648-18
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Water
Date Sampled: 03/28/2013 13:00
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.36	1.0	0.20	0.11	ug/L	J	Q B	1	6020/DOD
Aluminum	91	30	5.0	2.6	ug/L			1	6020/DOD
Arsenic	0.50	1.0	0.50	0.29	ug/L	U	Q	1	6020/DOD
Barium	14	10	0.15	0.098	ug/L		Q	1	6020/DOD
Beryllium	0.090	1.0	0.090	0.045	ug/L	U	Q	1	6020/DOD
Calcium	27000	100	20	9.4	ug/L			1	6020/DOD
Cadmium	0.30	1.0	0.30	0.13	ug/L	U	Q	1	6020/DOD
Chromium	1.7	2.0	1.0	0.54	ug/L	J		1	6020/DOD
Cobalt	0.064	0.50	0.050	0.026	ug/L	J	Q	1	6020/DOD
Copper	2.1	2.0	0.50	0.24	ug/L		Q	1	6020/DOD
Iron	330	50	20	11	ug/L			1	6020/DOD
Magnesium	6100	100	22	11	ug/L			1	6020/DOD
Manganese	96	5.0	0.30	0.16	ug/L		Q	1	6020/DOD
Sodium	18000	100	55	27	ug/L			1	6020/DOD
Nickel	0.19	1.0	0.35	0.17	ug/L	J		1	6020/DOD
Lead	0.19	1.0	0.30	0.15	ug/L	J	Q	1	6020/DOD
Antimony	0.90	2.0	0.90	0.46	ug/L	U		1	6020/DOD
Thallium	0.20	1.0	0.20	0.10	ug/L	U	Q	1	6020/DOD
Vanadium	0.60	1.0	0.60	0.30	ug/L	U		1	6020/DOD
Zinc	1.9	5.0	2.0	0.96	ug/L	J	Q	1	6020/DOD
Potassium	1300	100	60	32	ug/L			1	6020/DOD
Selenium	1.0	5.0	1.0	0.51	ug/L	U		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: 073SW-0067-0001-SW
Lab Sample ID: 240-22648-21
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Water
Date Sampled: 03/28/2013 13:50
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.27	1.0	0.20	0.11	ug/L	J	Q B	1	6020/DOD
Aluminum	2000	30	5.0	2.6	ug/L			1	6020/DOD
Arsenic	13	1.0	0.50	0.29	ug/L		Q	1	6020/DOD
Barium	560	10	0.15	0.098	ug/L		Q	1	6020/DOD
Beryllium	0.83	1.0	0.090	0.045	ug/L	J	Q	1	6020/DOD
Calcium	100000	100	20	9.4	ug/L			1	6020/DOD
Cadmium	2.1	1.0	0.30	0.13	ug/L		Q	1	6020/DOD
Chromium	2.7	2.0	1.0	0.54	ug/L			1	6020/DOD
Cobalt	20	0.50	0.050	0.026	ug/L		Q	1	6020/DOD
Copper	20	2.0	0.50	0.24	ug/L		Q	1	6020/DOD
Iron	44000	50	20	11	ug/L			1	6020/DOD
Magnesium	9800	100	22	11	ug/L			1	6020/DOD
Manganese	13000	5.0	0.30	0.16	ug/L		Q	1	6020/DOD
Sodium	1500	100	55	27	ug/L			1	6020/DOD
Nickel	12	1.0	0.35	0.17	ug/L			1	6020/DOD
Lead	12	1.0	0.30	0.15	ug/L		Q	1	6020/DOD
Antimony	0.46	2.0	0.90	0.46	ug/L	J		1	6020/DOD
Thallium	0.20	1.0	0.20	0.10	ug/L	U	Q	1	6020/DOD
Vanadium	11	1.0	0.60	0.30	ug/L			1	6020/DOD
Zinc	97	5.0	2.0	0.96	ug/L		Q	1	6020/DOD
Potassium	1300	100	60	32	ug/L			1	6020/DOD
Selenium	1.0	5.0	1.0	0.51	ug/L	U		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0055M-0001-SO
Lab Sample ID: 240-22648-22
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 15:22
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.027	0.097	0.029	0.011	mg/Kg	J	Q	1	6020/DOD
Aluminum	12000	2.9	0.58	0.28	mg/Kg			1	6020/DOD
Arsenic	10	0.097	0.049	0.018	mg/Kg		Q	1	6020/DOD
Barium	88	0.97	0.019	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.66	0.097	0.0097	0.0073	mg/Kg		Q	1	6020/DOD
Calcium	1300	9.7	2.4	1.3	mg/Kg			1	6020/DOD
Cadmium	0.21	0.097	0.029	0.013	mg/Kg		Q	1	6020/DOD
Chromium	17	0.19	0.039	0.022	mg/Kg			1	6020/DOD
Cobalt	13	0.049	0.0097	0.0023	mg/Kg		Q	1	6020/DOD
Copper	19	0.19	0.058	0.032	mg/Kg		Q	1	6020/DOD
Iron	26000	4.9	1.9	1.0	mg/Kg			1	6020/DOD
Magnesium	3500	9.7	1.9	1.0	mg/Kg			1	6020/DOD
Manganese	330	0.49	0.029	0.015	mg/Kg		Q	1	6020/DOD
Sodium	50	9.7	4.9	2.6	mg/Kg			1	6020/DOD
Nickel	29	0.097	0.029	0.011	mg/Kg			1	6020/DOD
Lead	12	0.097	0.029	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.097	0.19	0.097	0.045	mg/Kg	U		1	6020/DOD
Thallium	0.16	0.097	0.019	0.0099	mg/Kg		Q	1	6020/DOD
Vanadium	20	0.097	0.058	0.029	mg/Kg			1	6020/DOD
Zinc	58	0.49	0.19	0.063	mg/Kg		Q	1	6020/DOD
Potassium	1000	9.7	5.8	3.1	mg/Kg			1	6020/DOD
Selenium	0.34	0.49	0.097	0.049	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0057M-0001-SO
Lab Sample ID: 240-22648-23
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 15:22
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.023	0.096	0.029	0.011	mg/Kg	J	Q	1	6020/DOD
Aluminum	11000	2.9	0.58	0.27	mg/Kg			1	6020/DOD
Arsenic	8.8	0.096	0.048	0.017	mg/Kg		Q	1	6020/DOD
Barium	81	0.96	0.019	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.68	0.096	0.0096	0.0072	mg/Kg		Q	1	6020/DOD
Calcium	1800	9.6	2.4	1.3	mg/Kg			1	6020/DOD
Cadmium	0.20	0.096	0.029	0.013	mg/Kg		Q	1	6020/DOD
Chromium	16	0.19	0.038	0.021	mg/Kg			1	6020/DOD
Cobalt	17	0.048	0.0096	0.0023	mg/Kg		Q	1	6020/DOD
Copper	19	0.19	0.058	0.032	mg/Kg		Q	1	6020/DOD
Iron	25000	4.8	1.9	1.0	mg/Kg			1	6020/DOD
Magnesium	3500	9.6	1.9	1.0	mg/Kg			1	6020/DOD
Manganese	410	0.48	0.029	0.015	mg/Kg		Q	1	6020/DOD
Sodium	46	9.6	4.8	2.6	mg/Kg			1	6020/DOD
Nickel	29	0.096	0.029	0.011	mg/Kg			1	6020/DOD
Lead	14	0.096	0.029	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.096	0.19	0.096	0.044	mg/Kg	U		1	6020/DOD
Thallium	0.16	0.096	0.019	0.0098	mg/Kg		Q	1	6020/DOD
Vanadium	19	0.096	0.058	0.029	mg/Kg			1	6020/DOD
Zinc	50	0.48	0.19	0.062	mg/Kg		Q	1	6020/DOD
Potassium	970	9.6	5.8	3.0	mg/Kg			1	6020/DOD
Selenium	0.32	0.48	0.096	0.049	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0058M-0001-SO
Lab Sample ID: 240-22648-24
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 15:27
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.033	0.098	0.029	0.011	mg/Kg	J	Q	1	6020/DOD
Aluminum	10000	2.9	0.59	0.28	mg/Kg			1	6020/DOD
Arsenic	9.1	0.098	0.049	0.018	mg/Kg		Q	1	6020/DOD
Barium	72	0.98	0.020	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.52	0.098	0.0098	0.0074	mg/Kg		Q	1	6020/DOD
Calcium	18000	9.8	2.5	1.3	mg/Kg			1	6020/DOD
Cadmium	0.17	0.098	0.029	0.013	mg/Kg		Q	1	6020/DOD
Chromium	16	0.20	0.039	0.022	mg/Kg			1	6020/DOD
Cobalt	11	0.049	0.0098	0.0024	mg/Kg		Q	1	6020/DOD
Copper	19	0.20	0.059	0.032	mg/Kg		Q	1	6020/DOD
Iron	23000	4.9	2.0	1.1	mg/Kg			1	6020/DOD
Magnesium	5200	9.8	2.0	1.1	mg/Kg			1	6020/DOD
Manganese	350	0.49	0.029	0.016	mg/Kg		Q	1	6020/DOD
Sodium	74	9.8	4.9	2.6	mg/Kg			1	6020/DOD
Nickel	28	0.098	0.029	0.011	mg/Kg			1	6020/DOD
Lead	11	0.098	0.029	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.098	0.20	0.098	0.045	mg/Kg	U		1	6020/DOD
Thallium	0.16	0.098	0.020	0.010	mg/Kg		Q	1	6020/DOD
Vanadium	18	0.098	0.059	0.029	mg/Kg			1	6020/DOD
Zinc	48	0.49	0.20	0.064	mg/Kg		Q	1	6020/DOD
Potassium	1300	9.8	5.9	3.1	mg/Kg			1	6020/DOD
Selenium	0.25	0.49	0.098	0.050	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0059M-0001-SO
Lab Sample ID: 240-22648-25
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 15:27
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.031	0.096	0.029	0.011	mg/Kg	J	Q	1	6020/DOD
Aluminum	11000	2.9	0.58	0.27	mg/Kg			1	6020/DOD
Arsenic	8.8	0.096	0.048	0.017	mg/Kg		Q	1	6020/DOD
Barium	71	0.96	0.019	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.53	0.096	0.0096	0.0072	mg/Kg		Q	1	6020/DOD
Calcium	19000	9.6	2.4	1.3	mg/Kg			1	6020/DOD
Cadmium	0.18	0.096	0.029	0.013	mg/Kg		Q	1	6020/DOD
Chromium	17	0.19	0.038	0.021	mg/Kg			1	6020/DOD
Cobalt	11	0.048	0.0096	0.0023	mg/Kg		Q	1	6020/DOD
Copper	20	0.19	0.058	0.032	mg/Kg		Q	1	6020/DOD
Iron	24000	4.8	1.9	1.0	mg/Kg			1	6020/DOD
Magnesium	5500	9.6	1.9	1.0	mg/Kg			1	6020/DOD
Manganese	350	0.48	0.029	0.015	mg/Kg		Q	1	6020/DOD
Sodium	76	9.6	4.8	2.6	mg/Kg			1	6020/DOD
Nickel	28	0.096	0.029	0.011	mg/Kg			1	6020/DOD
Lead	11	0.096	0.029	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.096	0.19	0.096	0.044	mg/Kg	U		1	6020/DOD
Thallium	0.16	0.096	0.019	0.0098	mg/Kg		Q	1	6020/DOD
Vanadium	18	0.096	0.058	0.029	mg/Kg			1	6020/DOD
Zinc	49	0.48	0.19	0.062	mg/Kg		Q	1	6020/DOD
Potassium	1300	9.6	5.8	3.0	mg/Kg			1	6020/DOD
Selenium	0.28	0.48	0.096	0.049	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0060M-0001-SO
Lab Sample ID: 240-22648-26
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 15:25
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.021	0.096	0.029	0.011	mg/Kg	J	Q	1	6020/DOD
Aluminum	8400	2.9	0.58	0.27	mg/Kg			1	6020/DOD
Arsenic	9.7	0.096	0.048	0.017	mg/Kg		Q	1	6020/DOD
Barium	62	0.96	0.019	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.44	0.096	0.0096	0.0072	mg/Kg		Q	1	6020/DOD
Calcium	900	9.6	2.4	1.3	mg/Kg			1	6020/DOD
Cadmium	0.16	0.096	0.029	0.013	mg/Kg		Q	1	6020/DOD
Chromium	12	0.19	0.038	0.021	mg/Kg			1	6020/DOD
Cobalt	8.2	0.048	0.0096	0.0023	mg/Kg		Q	1	6020/DOD
Copper	17	0.19	0.058	0.032	mg/Kg		Q	1	6020/DOD
Iron	20000	4.8	1.9	1.0	mg/Kg			1	6020/DOD
Magnesium	2300	9.6	1.9	1.0	mg/Kg			1	6020/DOD
Manganese	300	0.48	0.029	0.015	mg/Kg		Q	1	6020/DOD
Sodium	33	9.6	4.8	2.6	mg/Kg			1	6020/DOD
Nickel	22	0.096	0.029	0.011	mg/Kg			1	6020/DOD
Lead	11	0.096	0.029	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.096	0.19	0.096	0.044	mg/Kg	U		1	6020/DOD
Thallium	0.12	0.096	0.019	0.0098	mg/Kg		Q	1	6020/DOD
Vanadium	15	0.096	0.058	0.029	mg/Kg			1	6020/DOD
Zinc	44	0.48	0.19	0.062	mg/Kg		Q	1	6020/DOD
Potassium	700	9.6	5.8	3.0	mg/Kg			1	6020/DOD
Selenium	0.32	0.48	0.096	0.049	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0061M-0001,0002-SO
Lab Sample ID: 240-22648-27
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 15:12
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.037	0.096	0.029	0.011	mg/Kg	J		1	6020/DOD
Aluminum	11000	2.9	0.58	0.27	mg/Kg		J	1	6020/DOD
Arsenic	8.8	0.096	0.048	0.017	mg/Kg			1	6020/DOD
Barium	79	0.96	0.019	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.56	0.096	0.0096	0.0072	mg/Kg		Q	1	6020/DOD
Calcium	8600	9.6	2.4	1.3	mg/Kg			1	6020/DOD
Cadmium	0.20	0.096	0.029	0.013	mg/Kg		Q	1	6020/DOD
Chromium	17	0.19	0.038	0.021	mg/Kg			1	6020/DOD
Cobalt	10	0.048	0.0096	0.0023	mg/Kg		Q	1	6020/DOD
Copper	18	0.19	0.058	0.032	mg/Kg		Q	1	6020/DOD
Iron	24000	4.8	1.9	1.0	mg/Kg		J	1	6020/DOD
Magnesium	3900	9.6	1.9	1.0	mg/Kg			1	6020/DOD
Manganese	350	0.48	0.029	0.015	mg/Kg		Q	1	6020/DOD
Sodium	51	9.6	4.8	2.6	mg/Kg			1	6020/DOD
Nickel	27	0.096	0.029	0.011	mg/Kg			1	6020/DOD
Lead	11	0.096	0.029	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.096	0.19	0.096	0.044	mg/Kg	U	J	1	6020/DOD
Thallium	0.17	0.096	0.019	0.0098	mg/Kg			1	6020/DOD
Vanadium	19	0.096	0.058	0.029	mg/Kg			1	6020/DOD
Zinc	50	0.48	0.19	0.062	mg/Kg		Q	1	6020/DOD
Potassium	1300	9.6	5.8	3.0	mg/Kg			1	6020/DOD
Selenium	0.26	0.48	0.096	0.049	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0062M-0001-SO
Lab Sample ID: 240-22648-28
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 14:50
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.031	0.095	0.029	0.011	mg/Kg	J		1	6020/DOD
Aluminum	12000	2.9	0.57	0.27	mg/Kg			1	6020/DOD
Arsenic	9.0	0.095	0.048	0.017	mg/Kg			1	6020/DOD
Barium	72	0.95	0.019	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.64	0.095	0.0095	0.0071	mg/Kg		Q	1	6020/DOD
Calcium	8900	9.5	2.4	1.3	mg/Kg			1	6020/DOD
Cadmium	0.17	0.095	0.029	0.013	mg/Kg		Q	1	6020/DOD
Chromium	18	0.19	0.038	0.021	mg/Kg			1	6020/DOD
Cobalt	12	0.048	0.0095	0.0023	mg/Kg		Q	1	6020/DOD
Copper	20	0.19	0.057	0.031	mg/Kg		Q	1	6020/DOD
Iron	25000	4.8	1.9	1.0	mg/Kg			1	6020/DOD
Magnesium	4800	9.5	1.9	1.0	mg/Kg			1	6020/DOD
Manganese	300	0.48	0.029	0.015	mg/Kg		Q	1	6020/DOD
Sodium	59	9.5	4.8	2.5	mg/Kg			1	6020/DOD
Nickel	28	0.095	0.029	0.011	mg/Kg			1	6020/DOD
Lead	12	0.095	0.029	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.11	0.19	0.095	0.044	mg/Kg	J		1	6020/DOD
Thallium	0.18	0.095	0.019	0.0097	mg/Kg			1	6020/DOD
Vanadium	20	0.095	0.057	0.028	mg/Kg			1	6020/DOD
Zinc	53	0.48	0.19	0.062	mg/Kg		Q	1	6020/DOD
Potassium	1400	9.5	5.7	3.0	mg/Kg			1	6020/DOD
Selenium	0.27	0.48	0.095	0.048	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0063M-0001-SO
Lab Sample ID: 240-22648-29
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 14:37
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.032	0.10	0.030	0.011	mg/Kg	J		1	6020/DOD
Aluminum	11000	3.0	0.60	0.28	mg/Kg			1	6020/DOD
Arsenic	9.8	0.10	0.050	0.018	mg/Kg			1	6020/DOD
Barium	66	1.0	0.020	0.011	mg/Kg		Q	1	6020/DOD
Beryllium	0.56	0.10	0.010	0.0075	mg/Kg		Q	1	6020/DOD
Calcium	17000	10	2.5	1.3	mg/Kg			1	6020/DOD
Cadmium	0.20	0.10	0.030	0.013	mg/Kg		Q	1	6020/DOD
Chromium	16	0.20	0.040	0.022	mg/Kg			1	6020/DOD
Cobalt	12	0.050	0.010	0.0024	mg/Kg		Q	1	6020/DOD
Copper	20	0.20	0.060	0.033	mg/Kg		Q	1	6020/DOD
Iron	25000	5.0	2.0	1.1	mg/Kg			1	6020/DOD
Magnesium	6000	10	2.0	1.1	mg/Kg			1	6020/DOD
Manganese	320	0.50	0.030	0.016	mg/Kg		Q	1	6020/DOD
Sodium	87	10	5.0	2.7	mg/Kg			1	6020/DOD
Nickel	27	0.10	0.030	0.011	mg/Kg			1	6020/DOD
Lead	11	0.10	0.030	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.060	0.20	0.10	0.046	mg/Kg	J		1	6020/DOD
Thallium	0.17	0.10	0.020	0.010	mg/Kg			1	6020/DOD
Vanadium	18	0.10	0.060	0.030	mg/Kg			1	6020/DOD
Zinc	52	0.50	0.20	0.065	mg/Kg		Q	1	6020/DOD
Potassium	1400	10	6.0	3.2	mg/Kg			1	6020/DOD
Selenium	0.24	0.50	0.10	0.051	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0064M-0001-SO
Lab Sample ID: 240-22648-30
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 14:00
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.029	0.10	0.030	0.011	mg/Kg	J		1	6020/DOD
Aluminum	11000	3.0	0.60	0.28	mg/Kg			1	6020/DOD
Arsenic	9.2	0.10	0.050	0.018	mg/Kg			1	6020/DOD
Barium	76	1.0	0.020	0.011	mg/Kg		Q	1	6020/DOD
Beryllium	0.58	0.10	0.010	0.0075	mg/Kg		Q	1	6020/DOD
Calcium	6500	10	2.5	1.3	mg/Kg			1	6020/DOD
Cadmium	0.14	0.10	0.030	0.013	mg/Kg		Q	1	6020/DOD
Chromium	15	0.20	0.040	0.022	mg/Kg			1	6020/DOD
Cobalt	12	0.050	0.010	0.0024	mg/Kg		Q	1	6020/DOD
Copper	18	0.20	0.060	0.033	mg/Kg		Q	1	6020/DOD
Iron	24000	5.0	2.0	1.1	mg/Kg			1	6020/DOD
Magnesium	3900	10	2.0	1.1	mg/Kg			1	6020/DOD
Manganese	330	0.50	0.030	0.016	mg/Kg		Q	1	6020/DOD
Sodium	58	10	5.0	2.7	mg/Kg			1	6020/DOD
Nickel	23	0.10	0.030	0.011	mg/Kg			1	6020/DOD
Lead	11	0.10	0.030	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.10	0.20	0.10	0.046	mg/Kg	U		1	6020/DOD
Thallium	0.16	0.10	0.020	0.010	mg/Kg			1	6020/DOD
Vanadium	18	0.10	0.060	0.030	mg/Kg			1	6020/DOD
Zinc	48	0.50	0.20	0.065	mg/Kg		Q	1	6020/DOD
Potassium	1000	10	6.0	3.2	mg/Kg			1	6020/DOD
Selenium	0.26	0.50	0.10	0.051	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0075-0001-SO
Lab Sample ID: 240-22648-31
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 14:21
Reporting Basis: DRY
Date Received: 04/01/2013 17:31
% Solids: 80.5

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.038	0.12	0.036	0.014	mg/Kg	J		1	6020/DOD
Aluminum	3100	3.6	0.72	0.34	mg/Kg			1	6020/DOD
Arsenic	11	0.12	0.060	0.022	mg/Kg			1	6020/DOD
Barium	11	1.2	0.024	0.013	mg/Kg		Q	1	6020/DOD
Beryllium	0.15	0.12	0.012	0.0091	mg/Kg		Q	1	6020/DOD
Calcium	8300	12	3.0	1.6	mg/Kg			1	6020/DOD
Cadmium	0.14	0.12	0.036	0.016	mg/Kg		Q	1	6020/DOD
Chromium	4.8	0.24	0.048	0.027	mg/Kg			1	6020/DOD
Cobalt	4.4	0.060	0.012	0.0029	mg/Kg		Q	1	6020/DOD
Copper	24	0.24	0.072	0.040	mg/Kg		Q	1	6020/DOD
Iron	14000	6.0	2.4	1.3	mg/Kg			1	6020/DOD
Magnesium	3000	12	2.4	1.3	mg/Kg			1	6020/DOD
Manganese	170	0.60	0.036	0.019	mg/Kg		Q	1	6020/DOD
Sodium	42	12	6.0	3.2	mg/Kg			1	6020/DOD
Nickel	11	0.12	0.036	0.014	mg/Kg			1	6020/DOD
Lead	15	0.12	0.036	0.019	mg/Kg		Q	1	6020/DOD
Antimony	0.10	0.24	0.12	0.055	mg/Kg	J		1	6020/DOD
Thallium	0.090	0.12	0.024	0.012	mg/Kg	J		1	6020/DOD
Vanadium	6.1	0.12	0.072	0.036	mg/Kg			1	6020/DOD
Zinc	62	0.60	0.24	0.078	mg/Kg		Q	1	6020/DOD
Potassium	520	12	7.2	3.8	mg/Kg			1	6020/DOD
Selenium	0.15	0.60	0.12	0.061	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0065M-0001-SO
Lab Sample ID: 240-22648-32
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 17:11
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.031	0.095	0.029	0.011	mg/Kg	J		1	6020/DOD
Aluminum	11000	2.9	0.57	0.27	mg/Kg			1	6020/DOD
Arsenic	9.4	0.095	0.048	0.017	mg/Kg			1	6020/DOD
Barium	67	0.95	0.019	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.54	0.095	0.0095	0.0071	mg/Kg		Q	1	6020/DOD
Calcium	1000	9.5	2.4	1.3	mg/Kg			1	6020/DOD
Cadmium	0.14	0.095	0.029	0.013	mg/Kg		Q	1	6020/DOD
Chromium	15	0.19	0.038	0.021	mg/Kg			1	6020/DOD
Cobalt	10	0.048	0.0095	0.0023	mg/Kg		Q	1	6020/DOD
Copper	18	0.19	0.057	0.031	mg/Kg		Q	1	6020/DOD
Iron	24000	4.8	1.9	1.0	mg/Kg			1	6020/DOD
Magnesium	3200	9.5	1.9	1.0	mg/Kg			1	6020/DOD
Manganese	260	0.48	0.029	0.015	mg/Kg		Q	1	6020/DOD
Sodium	52	9.5	4.8	2.5	mg/Kg			1	6020/DOD
Nickel	24	0.095	0.029	0.011	mg/Kg			1	6020/DOD
Lead	12	0.095	0.029	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.095	0.19	0.095	0.044	mg/Kg	U		1	6020/DOD
Thallium	0.15	0.095	0.019	0.0097	mg/Kg			1	6020/DOD
Vanadium	17	0.095	0.057	0.028	mg/Kg			1	6020/DOD
Zinc	52	0.48	0.19	0.062	mg/Kg		Q	1	6020/DOD
Potassium	930	9.5	5.7	3.0	mg/Kg			1	6020/DOD
Selenium	0.25	0.48	0.095	0.048	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0066M-0001-SO
Lab Sample ID: 240-22648-33
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 17:11
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.030	0.10	0.030	0.011	mg/Kg	J		1	6020/DOD
Aluminum	12000	3.0	0.60	0.28	mg/Kg			1	6020/DOD
Arsenic	8.2	0.10	0.050	0.018	mg/Kg			1	6020/DOD
Barium	65	1.0	0.020	0.011	mg/Kg		Q	1	6020/DOD
Beryllium	0.58	0.10	0.010	0.0075	mg/Kg		Q	1	6020/DOD
Calcium	940	10	2.5	1.3	mg/Kg			1	6020/DOD
Cadmium	0.15	0.10	0.030	0.013	mg/Kg		Q	1	6020/DOD
Chromium	15	0.20	0.040	0.022	mg/Kg			1	6020/DOD
Cobalt	10	0.050	0.010	0.0024	mg/Kg		Q	1	6020/DOD
Copper	21	0.20	0.060	0.033	mg/Kg		Q	1	6020/DOD
Iron	25000	5.0	2.0	1.1	mg/Kg			1	6020/DOD
Magnesium	3100	10	2.0	1.1	mg/Kg			1	6020/DOD
Manganese	330	0.50	0.030	0.016	mg/Kg		Q	1	6020/DOD
Sodium	51	10	5.0	2.7	mg/Kg			1	6020/DOD
Nickel	22	0.10	0.030	0.011	mg/Kg			1	6020/DOD
Lead	13	0.10	0.030	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.10	0.20	0.10	0.046	mg/Kg	U		1	6020/DOD
Thallium	0.16	0.10	0.020	0.010	mg/Kg			1	6020/DOD
Vanadium	18	0.10	0.060	0.030	mg/Kg			1	6020/DOD
Zinc	56	0.50	0.20	0.065	mg/Kg		Q	1	6020/DOD
Potassium	860	10	6.0	3.2	mg/Kg			1	6020/DOD
Selenium	0.25	0.50	0.10	0.051	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0067M-0001-SO
Lab Sample ID: 240-22648-34
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 17:12
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.025	0.098	0.029	0.011	mg/Kg	J		1	6020/DOD
Aluminum	10000	2.9	0.59	0.28	mg/Kg			1	6020/DOD
Arsenic	10	0.098	0.049	0.018	mg/Kg			1	6020/DOD
Barium	57	0.98	0.020	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.51	0.098	0.0098	0.0074	mg/Kg		Q	1	6020/DOD
Calcium	14000	9.8	2.5	1.3	mg/Kg			1	6020/DOD
Cadmium	0.17	0.098	0.029	0.013	mg/Kg		Q	1	6020/DOD
Chromium	15	0.20	0.039	0.022	mg/Kg			1	6020/DOD
Cobalt	11	0.049	0.0098	0.0024	mg/Kg		Q	1	6020/DOD
Copper	18	0.20	0.059	0.032	mg/Kg		Q	1	6020/DOD
Iron	23000	4.9	2.0	1.1	mg/Kg			1	6020/DOD
Magnesium	6000	9.8	2.0	1.1	mg/Kg			1	6020/DOD
Manganese	330	0.49	0.029	0.016	mg/Kg		Q	1	6020/DOD
Sodium	77	9.8	4.9	2.6	mg/Kg			1	6020/DOD
Nickel	26	0.098	0.029	0.011	mg/Kg			1	6020/DOD
Lead	11	0.098	0.029	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.098	0.20	0.098	0.045	mg/Kg	U		1	6020/DOD
Thallium	0.14	0.098	0.020	0.010	mg/Kg			1	6020/DOD
Vanadium	16	0.098	0.059	0.029	mg/Kg			1	6020/DOD
Zinc	53	0.49	0.20	0.064	mg/Kg		Q	1	6020/DOD
Potassium	1200	9.8	5.9	3.1	mg/Kg			1	6020/DOD
Selenium	0.24	0.49	0.098	0.050	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0068M-0001-SO
Lab Sample ID: 240-22648-35
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 17:12
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.032	0.099	0.030	0.011	mg/Kg	J		1	6020/DOD
Aluminum	10000	3.0	0.59	0.28	mg/Kg			1	6020/DOD
Arsenic	11	0.099	0.050	0.018	mg/Kg			1	6020/DOD
Barium	59	0.99	0.020	0.011	mg/Kg		Q	1	6020/DOD
Beryllium	0.51	0.099	0.0099	0.0074	mg/Kg		Q	1	6020/DOD
Calcium	12000	9.9	2.5	1.3	mg/Kg			1	6020/DOD
Cadmium	0.18	0.099	0.030	0.013	mg/Kg		Q	1	6020/DOD
Chromium	15	0.20	0.040	0.022	mg/Kg			1	6020/DOD
Cobalt	11	0.050	0.0099	0.0024	mg/Kg		Q	1	6020/DOD
Copper	19	0.20	0.059	0.033	mg/Kg		Q	1	6020/DOD
Iron	24000	5.0	2.0	1.1	mg/Kg			1	6020/DOD
Magnesium	5500	9.9	2.0	1.1	mg/Kg			1	6020/DOD
Manganese	340	0.50	0.030	0.016	mg/Kg		Q	1	6020/DOD
Sodium	69	9.9	5.0	2.6	mg/Kg			1	6020/DOD
Nickel	27	0.099	0.030	0.011	mg/Kg			1	6020/DOD
Lead	11	0.099	0.030	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.099	0.20	0.099	0.045	mg/Kg	U		1	6020/DOD
Thallium	0.15	0.099	0.020	0.010	mg/Kg			1	6020/DOD
Vanadium	16	0.099	0.059	0.030	mg/Kg			1	6020/DOD
Zinc	52	0.50	0.20	0.064	mg/Kg		Q	1	6020/DOD
Potassium	1200	9.9	5.9	3.1	mg/Kg			1	6020/DOD
Selenium	0.23	0.50	0.099	0.050	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0069M-0001-SO
Lab Sample ID: 240-22648-36
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 16:15
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.026	0.096	0.029	0.011	mg/Kg	J		1	6020/DOD
Aluminum	11000	2.9	0.58	0.27	mg/Kg			1	6020/DOD
Arsenic	9.2	0.096	0.048	0.017	mg/Kg			1	6020/DOD
Barium	59	0.96	0.019	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.51	0.096	0.0096	0.0072	mg/Kg		Q	1	6020/DOD
Calcium	9700	9.6	2.4	1.3	mg/Kg			1	6020/DOD
Cadmium	0.14	0.096	0.029	0.013	mg/Kg		Q	1	6020/DOD
Chromium	15	0.19	0.038	0.021	mg/Kg			1	6020/DOD
Cobalt	11	0.048	0.0096	0.0023	mg/Kg		Q	1	6020/DOD
Copper	18	0.19	0.058	0.032	mg/Kg		Q	1	6020/DOD
Iron	23000	4.8	1.9	1.0	mg/Kg			1	6020/DOD
Magnesium	5100	9.6	1.9	1.0	mg/Kg			1	6020/DOD
Manganese	300	0.48	0.029	0.015	mg/Kg		Q	1	6020/DOD
Sodium	63	9.6	4.8	2.6	mg/Kg			1	6020/DOD
Nickel	25	0.096	0.029	0.011	mg/Kg			1	6020/DOD
Lead	11	0.096	0.029	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.096	0.19	0.096	0.044	mg/Kg	U		1	6020/DOD
Thallium	0.15	0.096	0.019	0.0098	mg/Kg			1	6020/DOD
Vanadium	17	0.096	0.058	0.029	mg/Kg			1	6020/DOD
Zinc	48	0.48	0.19	0.062	mg/Kg		Q	1	6020/DOD
Potassium	1100	9.6	5.8	3.0	mg/Kg			1	6020/DOD
Selenium	0.23	0.48	0.096	0.049	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0070M-0001,0002-SO
Lab Sample ID: 240-22648-37
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 16:30
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.029	0.098	0.029	0.011	mg/Kg	J		1	6020/DOD
Aluminum	11000	2.9	0.59	0.28	mg/Kg		J	1	6020/DOD
Arsenic	10	0.098	0.049	0.018	mg/Kg			1	6020/DOD
Barium	60	0.98	0.020	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.54	0.098	0.0098	0.0074	mg/Kg		Q	1	6020/DOD
Calcium	7600	9.8	2.5	1.3	mg/Kg		J	1	6020/DOD
Cadmium	0.16	0.098	0.029	0.013	mg/Kg		Q	1	6020/DOD
Chromium	15	0.20	0.039	0.022	mg/Kg			1	6020/DOD
Cobalt	10	0.049	0.0098	0.0024	mg/Kg		Q	1	6020/DOD
Copper	18	0.20	0.059	0.032	mg/Kg		Q	1	6020/DOD
Iron	24000	4.9	2.0	1.1	mg/Kg		J	1	6020/DOD
Magnesium	4300	9.8	2.0	1.1	mg/Kg			1	6020/DOD
Manganese	260	0.49	0.029	0.016	mg/Kg		Q	1	6020/DOD
Sodium	50	9.8	4.9	2.6	mg/Kg			1	6020/DOD
Nickel	25	0.098	0.029	0.011	mg/Kg			1	6020/DOD
Lead	11	0.098	0.029	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.098	0.20	0.098	0.045	mg/Kg	U	J	1	6020/DOD
Thallium	0.15	0.098	0.020	0.010	mg/Kg			1	6020/DOD
Vanadium	17	0.098	0.059	0.029	mg/Kg			1	6020/DOD
Zinc	62	0.49	0.20	0.064	mg/Kg		Q	1	6020/DOD
Potassium	1100	9.8	5.9	3.1	mg/Kg			1	6020/DOD
Selenium	0.21	0.49	0.098	0.050	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0071M-0001-SO
Lab Sample ID: 240-22648-38
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 16:34
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.027	0.088	0.026	0.010	mg/Kg	J		1	6020/DOD
Aluminum	12000	2.6	0.53	0.25	mg/Kg			1	6020/DOD
Arsenic	11	0.088	0.044	0.016	mg/Kg			1	6020/DOD
Barium	68	0.88	0.018	0.0094	mg/Kg		Q	1	6020/DOD
Beryllium	0.56	0.088	0.0088	0.0066	mg/Kg		Q	1	6020/DOD
Calcium	8800	8.8	2.2	1.2	mg/Kg			1	6020/DOD
Cadmium	0.15	0.088	0.026	0.012	mg/Kg		Q	1	6020/DOD
Chromium	16	0.18	0.035	0.020	mg/Kg			1	6020/DOD
Cobalt	11	0.044	0.0088	0.0021	mg/Kg		Q	1	6020/DOD
Copper	18	0.18	0.053	0.029	mg/Kg		Q	1	6020/DOD
Iron	25000	4.4	1.8	0.94	mg/Kg			1	6020/DOD
Magnesium	4700	8.8	1.8	0.95	mg/Kg			1	6020/DOD
Manganese	370	0.44	0.026	0.014	mg/Kg		Q	1	6020/DOD
Sodium	57	8.8	4.4	2.3	mg/Kg			1	6020/DOD
Nickel	24	0.088	0.026	0.0099	mg/Kg			1	6020/DOD
Lead	16	0.088	0.026	0.014	mg/Kg		Q	1	6020/DOD
Antimony	0.051	0.18	0.088	0.040	mg/Kg	J	B	1	6020/DOD
Thallium	0.16	0.088	0.018	0.0089	mg/Kg			1	6020/DOD
Vanadium	19	0.088	0.053	0.026	mg/Kg			1	6020/DOD
Zinc	50	0.44	0.18	0.057	mg/Kg		Q	1	6020/DOD
Potassium	1200	8.8	5.3	2.8	mg/Kg			1	6020/DOD
Selenium	0.27	0.44	0.088	0.045	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0072M-0001,0002-SO
Lab Sample ID: 240-22648-39
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 16:53
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.026	0.095	0.029	0.011	mg/Kg	J		1	6020/DOD
Aluminum	13000	2.9	0.57	0.27	mg/Kg		J	1	6020/DOD
Arsenic	11	0.095	0.048	0.017	mg/Kg			1	6020/DOD
Barium	67	0.95	0.019	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.63	0.095	0.0095	0.0071	mg/Kg		Q	1	6020/DOD
Calcium	13000	9.5	2.4	1.3	mg/Kg		J	1	6020/DOD
Cadmium	0.15	0.095	0.029	0.013	mg/Kg		Q	1	6020/DOD
Chromium	17	0.19	0.038	0.021	mg/Kg			1	6020/DOD
Cobalt	11	0.048	0.0095	0.0023	mg/Kg		Q	1	6020/DOD
Copper	19	0.19	0.057	0.031	mg/Kg		Q	1	6020/DOD
Iron	26000	4.8	1.9	1.0	mg/Kg		J	1	6020/DOD
Magnesium	5100	9.5	1.9	1.0	mg/Kg			1	6020/DOD
Manganese	310	0.48	0.029	0.015	mg/Kg		Q	1	6020/DOD
Sodium	76	9.5	4.8	2.5	mg/Kg			1	6020/DOD
Nickel	26	0.095	0.029	0.011	mg/Kg			1	6020/DOD
Lead	12	0.095	0.029	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.046	0.19	0.095	0.044	mg/Kg	J	J B	1	6020/DOD
Thallium	0.18	0.095	0.019	0.0097	mg/Kg			1	6020/DOD
Vanadium	19	0.095	0.057	0.028	mg/Kg			1	6020/DOD
Zinc	57	0.48	0.19	0.062	mg/Kg		Q	1	6020/DOD
Potassium	1400	9.5	5.7	3.0	mg/Kg			1	6020/DOD
Selenium	0.25	0.48	0.095	0.048	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0074M-0001-SO
Lab Sample ID: 240-22648-40
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 17:20
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.027	0.092	0.028	0.010	mg/Kg	J		1	6020/DOD
Aluminum	12000	2.8	0.55	0.26	mg/Kg			1	6020/DOD
Arsenic	9.9	0.092	0.046	0.017	mg/Kg			1	6020/DOD
Barium	67	0.92	0.018	0.0098	mg/Kg		Q	1	6020/DOD
Beryllium	0.56	0.092	0.0092	0.0069	mg/Kg		Q	1	6020/DOD
Calcium	3600	9.2	2.3	1.2	mg/Kg			1	6020/DOD
Cadmium	0.13	0.092	0.028	0.012	mg/Kg		Q	1	6020/DOD
Chromium	16	0.18	0.037	0.020	mg/Kg			1	6020/DOD
Cobalt	11	0.046	0.0092	0.0022	mg/Kg		Q	1	6020/DOD
Copper	18	0.18	0.055	0.030	mg/Kg		Q	1	6020/DOD
Iron	24000	4.6	1.8	0.99	mg/Kg			1	6020/DOD
Magnesium	4500	9.2	1.8	0.99	mg/Kg			1	6020/DOD
Manganese	350	0.46	0.028	0.015	mg/Kg		Q	1	6020/DOD
Sodium	93	9.2	4.6	2.4	mg/Kg			1	6020/DOD
Nickel	25	0.092	0.028	0.010	mg/Kg			1	6020/DOD
Lead	12	0.092	0.028	0.014	mg/Kg		Q	1	6020/DOD
Antimony	0.17	0.18	0.092	0.042	mg/Kg	J	B	1	6020/DOD
Thallium	0.17	0.092	0.018	0.0094	mg/Kg			1	6020/DOD
Vanadium	19	0.092	0.055	0.027	mg/Kg			1	6020/DOD
Zinc	49	0.46	0.18	0.059	mg/Kg		Q	1	6020/DOD
Potassium	1300	9.2	5.5	2.9	mg/Kg			1	6020/DOD
Selenium	0.25	0.46	0.092	0.047	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0044M-0001-SO
Lab Sample ID: 240-22648-41
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 10:21
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.022	0.088	0.026	0.010	mg/Kg	J		1	6020/DOD
Aluminum	12000	2.6	0.53	0.25	mg/Kg			1	6020/DOD
Arsenic	9.9	0.088	0.044	0.016	mg/Kg			1	6020/DOD
Barium	61	0.88	0.018	0.0094	mg/Kg		Q	1	6020/DOD
Beryllium	0.54	0.088	0.0088	0.0066	mg/Kg		Q	1	6020/DOD
Calcium	1200	8.8	2.2	1.2	mg/Kg			1	6020/DOD
Cadmium	0.12	0.088	0.026	0.012	mg/Kg		Q	1	6020/DOD
Chromium	16	0.18	0.035	0.020	mg/Kg			1	6020/DOD
Cobalt	9.4	0.044	0.0088	0.0021	mg/Kg		Q	1	6020/DOD
Copper	18	0.18	0.053	0.029	mg/Kg		Q	1	6020/DOD
Iron	25000	4.4	1.8	0.94	mg/Kg			1	6020/DOD
Magnesium	3000	8.8	1.8	0.95	mg/Kg			1	6020/DOD
Manganese	280	0.44	0.026	0.014	mg/Kg		Q	1	6020/DOD
Sodium	36	8.8	4.4	2.3	mg/Kg			1	6020/DOD
Nickel	22	0.088	0.026	0.0099	mg/Kg			1	6020/DOD
Lead	12	0.088	0.026	0.014	mg/Kg		Q	1	6020/DOD
Antimony	0.046	0.18	0.088	0.040	mg/Kg	J	B	1	6020/DOD
Thallium	0.15	0.088	0.018	0.0089	mg/Kg			1	6020/DOD
Vanadium	19	0.088	0.053	0.026	mg/Kg			1	6020/DOD
Zinc	48	0.44	0.18	0.057	mg/Kg		Q	1	6020/DOD
Potassium	1000	8.8	5.3	2.8	mg/Kg			1	6020/DOD
Selenium	0.31	0.44	0.088	0.045	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0045M-0001-SO
Lab Sample ID: 240-22648-42
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 10:23
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.020	0.097	0.029	0.011	mg/Kg	J		1	6020/DOD
Aluminum	11000	2.9	0.58	0.28	mg/Kg			1	6020/DOD
Arsenic	13	0.097	0.049	0.018	mg/Kg			1	6020/DOD
Barium	56	0.97	0.019	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.54	0.097	0.0097	0.0073	mg/Kg		Q	1	6020/DOD
Calcium	5500	9.7	2.4	1.3	mg/Kg			1	6020/DOD
Cadmium	0.14	0.097	0.029	0.013	mg/Kg		Q	1	6020/DOD
Chromium	16	0.19	0.039	0.022	mg/Kg			1	6020/DOD
Cobalt	12	0.049	0.0097	0.0023	mg/Kg		Q	1	6020/DOD
Copper	20	0.19	0.058	0.032	mg/Kg		Q	1	6020/DOD
Iron	27000	4.9	1.9	1.0	mg/Kg			1	6020/DOD
Magnesium	4500	9.7	1.9	1.0	mg/Kg			1	6020/DOD
Manganese	380	0.49	0.029	0.015	mg/Kg		Q	1	6020/DOD
Sodium	57	9.7	4.9	2.6	mg/Kg			1	6020/DOD
Nickel	28	0.097	0.029	0.011	mg/Kg			1	6020/DOD
Lead	13	0.097	0.029	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.097	0.19	0.097	0.045	mg/Kg	U		1	6020/DOD
Thallium	0.15	0.097	0.019	0.0099	mg/Kg			1	6020/DOD
Vanadium	16	0.097	0.058	0.029	mg/Kg			1	6020/DOD
Zinc	59	0.49	0.19	0.063	mg/Kg		Q	1	6020/DOD
Potassium	1400	9.7	5.8	3.1	mg/Kg			1	6020/DOD
Selenium	0.26	0.49	0.097	0.049	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0046M-0001-SO
Lab Sample ID: 240-22648-43
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 09:37
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.016	0.095	0.029	0.011	mg/Kg	J		1	6020/DOD
Aluminum	12000	2.9	0.57	0.27	mg/Kg			1	6020/DOD
Arsenic	11	0.095	0.048	0.017	mg/Kg			1	6020/DOD
Barium	57	0.95	0.019	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.56	0.095	0.0095	0.0071	mg/Kg		Q	1	6020/DOD
Calcium	930	9.5	2.4	1.3	mg/Kg			1	6020/DOD
Cadmium	0.13	0.095	0.029	0.013	mg/Kg		Q	1	6020/DOD
Chromium	15	0.19	0.038	0.021	mg/Kg			1	6020/DOD
Cobalt	11	0.048	0.0095	0.0023	mg/Kg		Q	1	6020/DOD
Copper	19	0.19	0.057	0.031	mg/Kg		Q	1	6020/DOD
Iron	27000	4.8	1.9	1.0	mg/Kg			1	6020/DOD
Magnesium	3100	9.5	1.9	1.0	mg/Kg			1	6020/DOD
Manganese	300	0.48	0.029	0.015	mg/Kg		Q	1	6020/DOD
Sodium	40	9.5	4.8	2.5	mg/Kg			1	6020/DOD
Nickel	23	0.095	0.029	0.011	mg/Kg			1	6020/DOD
Lead	13	0.095	0.029	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.095	0.19	0.095	0.044	mg/Kg	U		1	6020/DOD
Thallium	0.16	0.095	0.019	0.0097	mg/Kg			1	6020/DOD
Vanadium	18	0.095	0.057	0.028	mg/Kg			1	6020/DOD
Zinc	47	0.48	0.19	0.062	mg/Kg		Q	1	6020/DOD
Potassium	1200	9.5	5.7	3.0	mg/Kg			1	6020/DOD
Selenium	0.25	0.48	0.095	0.048	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0047M-0001-SO
Lab Sample ID: 240-22648-44
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 10:25
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.029	0.092	0.028	0.010	mg/Kg	J		1	6020/DOD
Aluminum	12000	2.8	0.55	0.26	mg/Kg			1	6020/DOD
Arsenic	11	0.092	0.046	0.017	mg/Kg			1	6020/DOD
Barium	61	0.92	0.018	0.0098	mg/Kg		Q	1	6020/DOD
Beryllium	0.58	0.092	0.0092	0.0069	mg/Kg		Q	1	6020/DOD
Calcium	4800	9.2	2.3	1.2	mg/Kg			1	6020/DOD
Cadmium	0.13	0.092	0.028	0.012	mg/Kg		Q	1	6020/DOD
Chromium	16	0.18	0.037	0.020	mg/Kg			1	6020/DOD
Cobalt	11	0.046	0.0092	0.0022	mg/Kg		Q	1	6020/DOD
Copper	20	0.18	0.055	0.030	mg/Kg		Q	1	6020/DOD
Iron	26000	4.6	1.8	0.99	mg/Kg			1	6020/DOD
Magnesium	4300	9.2	1.8	0.99	mg/Kg			1	6020/DOD
Manganese	300	0.46	0.028	0.015	mg/Kg		Q	1	6020/DOD
Sodium	56	9.2	4.6	2.4	mg/Kg			1	6020/DOD
Nickel	26	0.092	0.028	0.010	mg/Kg			1	6020/DOD
Lead	12	0.092	0.028	0.014	mg/Kg		Q	1	6020/DOD
Antimony	0.092	0.18	0.092	0.042	mg/Kg	U		1	6020/DOD
Thallium	0.15	0.092	0.018	0.0094	mg/Kg			1	6020/DOD
Vanadium	18	0.092	0.055	0.027	mg/Kg			1	6020/DOD
Zinc	52	0.46	0.18	0.059	mg/Kg		Q	1	6020/DOD
Potassium	1400	9.2	5.5	2.9	mg/Kg			1	6020/DOD
Selenium	0.25	0.46	0.092	0.047	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0048M-0001-SO
Lab Sample ID: 240-22648-45
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 10:07
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.023	0.093	0.028	0.011	mg/Kg	J		1	6020/DOD
Aluminum	12000	2.8	0.56	0.27	mg/Kg			1	6020/DOD
Arsenic	12	0.093	0.047	0.017	mg/Kg			1	6020/DOD
Barium	63	0.93	0.019	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.59	0.093	0.0093	0.0070	mg/Kg		Q	1	6020/DOD
Calcium	2400	9.3	2.3	1.2	mg/Kg			1	6020/DOD
Cadmium	0.15	0.093	0.028	0.012	mg/Kg		Q	1	6020/DOD
Chromium	16	0.19	0.037	0.021	mg/Kg			1	6020/DOD
Cobalt	11	0.047	0.0093	0.0022	mg/Kg		Q	1	6020/DOD
Copper	21	0.19	0.056	0.031	mg/Kg		Q	1	6020/DOD
Iron	27000	4.7	1.9	1.0	mg/Kg			1	6020/DOD
Magnesium	3800	9.3	1.9	1.0	mg/Kg			1	6020/DOD
Manganese	340	0.47	0.028	0.015	mg/Kg		Q	1	6020/DOD
Sodium	46	9.3	4.7	2.5	mg/Kg			1	6020/DOD
Nickel	27	0.093	0.028	0.011	mg/Kg			1	6020/DOD
Lead	13	0.093	0.028	0.014	mg/Kg		Q	1	6020/DOD
Antimony	0.093	0.19	0.093	0.043	mg/Kg	U		1	6020/DOD
Thallium	0.16	0.093	0.019	0.0095	mg/Kg			1	6020/DOD
Vanadium	17	0.093	0.056	0.028	mg/Kg			1	6020/DOD
Zinc	56	0.47	0.19	0.061	mg/Kg		Q	1	6020/DOD
Potassium	1300	9.3	5.6	2.9	mg/Kg			1	6020/DOD
Selenium	0.29	0.47	0.093	0.048	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0033M-0001-SO
Lab Sample ID: 240-22648-46
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 09:15
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.028	0.087	0.026	0.0099	mg/Kg	J		1	6020/DOD
Aluminum	12000	2.6	0.52	0.25	mg/Kg			1	6020/DOD
Arsenic	9.4	0.087	0.043	0.016	mg/Kg			1	6020/DOD
Barium	60	0.87	0.017	0.0093	mg/Kg		Q	1	6020/DOD
Beryllium	0.52	0.087	0.0087	0.0065	mg/Kg		Q	1	6020/DOD
Calcium	2100	8.7	2.2	1.2	mg/Kg			1	6020/DOD
Cadmium	0.17	0.087	0.026	0.011	mg/Kg		Q	1	6020/DOD
Chromium	15	0.17	0.035	0.019	mg/Kg			1	6020/DOD
Cobalt	9.9	0.043	0.0087	0.0021	mg/Kg		Q	1	6020/DOD
Copper	17	0.17	0.052	0.029	mg/Kg		Q	1	6020/DOD
Iron	24000	4.3	1.7	0.94	mg/Kg			1	6020/DOD
Magnesium	2700	8.7	1.7	0.94	mg/Kg			1	6020/DOD
Manganese	480	0.43	0.026	0.014	mg/Kg		Q	1	6020/DOD
Sodium	37	8.7	4.3	2.3	mg/Kg			1	6020/DOD
Nickel	19	0.087	0.026	0.0098	mg/Kg			1	6020/DOD
Lead	12	0.087	0.026	0.013	mg/Kg		Q	1	6020/DOD
Antimony	0.087	0.17	0.087	0.040	mg/Kg	U		1	6020/DOD
Thallium	0.15	0.087	0.017	0.0089	mg/Kg			1	6020/DOD
Vanadium	19	0.087	0.052	0.026	mg/Kg			1	6020/DOD
Zinc	61	0.43	0.17	0.056	mg/Kg		Q	1	6020/DOD
Potassium	960	8.7	5.2	2.7	mg/Kg			1	6020/DOD
Selenium	0.33	0.43	0.087	0.044	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0034M-0001-SO
Lab Sample ID: 240-22648-47
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 09:19
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.023	0.089	0.027	0.010	mg/Kg	J		1	6020/DOD
Aluminum	10000	2.7	0.54	0.25	mg/Kg			1	6020/DOD
Arsenic	12	0.089	0.045	0.016	mg/Kg			1	6020/DOD
Barium	64	0.89	0.018	0.0096	mg/Kg		Q	1	6020/DOD
Beryllium	0.54	0.089	0.0089	0.0067	mg/Kg		Q	1	6020/DOD
Calcium	2300	8.9	2.2	1.2	mg/Kg			1	6020/DOD
Cadmium	0.15	0.089	0.027	0.012	mg/Kg		Q	1	6020/DOD
Chromium	15	0.18	0.036	0.020	mg/Kg			1	6020/DOD
Cobalt	11	0.045	0.0089	0.0021	mg/Kg		Q	1	6020/DOD
Copper	21	0.18	0.054	0.029	mg/Kg		Q	1	6020/DOD
Iron	26000	4.5	1.8	0.96	mg/Kg			1	6020/DOD
Magnesium	3600	8.9	1.8	0.96	mg/Kg			1	6020/DOD
Manganese	350	0.45	0.027	0.014	mg/Kg		Q	1	6020/DOD
Sodium	45	8.9	4.5	2.4	mg/Kg			1	6020/DOD
Nickel	28	0.089	0.027	0.010	mg/Kg			1	6020/DOD
Lead	12	0.089	0.027	0.014	mg/Kg		Q	1	6020/DOD
Antimony	0.089	0.18	0.089	0.041	mg/Kg	U		1	6020/DOD
Thallium	0.14	0.089	0.018	0.0091	mg/Kg			1	6020/DOD
Vanadium	16	0.089	0.054	0.027	mg/Kg			1	6020/DOD
Zinc	56	0.45	0.18	0.058	mg/Kg		Q	1	6020/DOD
Potassium	1100	8.9	5.4	2.8	mg/Kg			1	6020/DOD
Selenium	0.27	0.45	0.089	0.045	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0035M-0001-SO
Lab Sample ID: 240-22648-48
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 08:26
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.031	0.090	0.027	0.010	mg/Kg	J		1	6020/DOD
Aluminum	12000	2.7	0.54	0.26	mg/Kg			1	6020/DOD
Arsenic	11	0.090	0.045	0.016	mg/Kg			1	6020/DOD
Barium	64	0.90	0.018	0.0096	mg/Kg		Q	1	6020/DOD
Beryllium	0.56	0.090	0.0090	0.0068	mg/Kg		Q	1	6020/DOD
Calcium	2300	9.0	2.3	1.2	mg/Kg			1	6020/DOD
Cadmium	0.14	0.090	0.027	0.012	mg/Kg		Q	1	6020/DOD
Chromium	16	0.18	0.036	0.020	mg/Kg			1	6020/DOD
Cobalt	10	0.045	0.0090	0.0022	mg/Kg		Q	1	6020/DOD
Copper	19	0.18	0.054	0.030	mg/Kg		Q	1	6020/DOD
Iron	26000	4.5	1.8	0.97	mg/Kg			1	6020/DOD
Magnesium	3300	9.0	1.8	0.97	mg/Kg			1	6020/DOD
Manganese	360	0.45	0.027	0.014	mg/Kg		Q	1	6020/DOD
Sodium	41	9.0	4.5	2.4	mg/Kg			1	6020/DOD
Nickel	24	0.090	0.027	0.010	mg/Kg			1	6020/DOD
Lead	13	0.090	0.027	0.014	mg/Kg		Q	1	6020/DOD
Antimony	0.090	0.18	0.090	0.041	mg/Kg	U		1	6020/DOD
Thallium	0.16	0.090	0.018	0.0092	mg/Kg			1	6020/DOD
Vanadium	18	0.090	0.054	0.027	mg/Kg			1	6020/DOD
Zinc	53	0.45	0.18	0.058	mg/Kg		Q	1	6020/DOD
Potassium	1200	9.0	5.4	2.8	mg/Kg			1	6020/DOD
Selenium	0.29	0.45	0.090	0.046	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0038M-0001-SO
Lab Sample ID: 240-22648-49
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 09:20
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.018	0.095	0.029	0.011	mg/Kg	J		1	6020/DOD
Aluminum	10000	2.9	0.57	0.27	mg/Kg			1	6020/DOD
Arsenic	11	0.095	0.048	0.017	mg/Kg			1	6020/DOD
Barium	43	0.95	0.019	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.46	0.095	0.0095	0.0071	mg/Kg		Q	1	6020/DOD
Calcium	1600	9.5	2.4	1.3	mg/Kg			1	6020/DOD
Cadmium	0.10	0.095	0.029	0.013	mg/Kg		Q	1	6020/DOD
Chromium	13	0.19	0.038	0.021	mg/Kg			1	6020/DOD
Cobalt	8.9	0.048	0.0095	0.0023	mg/Kg		Q	1	6020/DOD
Copper	20	0.19	0.057	0.031	mg/Kg		Q	1	6020/DOD
Iron	26000	4.8	1.9	1.0	mg/Kg			1	6020/DOD
Magnesium	2400	9.5	1.9	1.0	mg/Kg			1	6020/DOD
Manganese	300	0.48	0.029	0.015	mg/Kg		Q	1	6020/DOD
Sodium	31	9.5	4.8	2.5	mg/Kg			1	6020/DOD
Nickel	17	0.095	0.029	0.011	mg/Kg			1	6020/DOD
Lead	13	0.095	0.029	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.044	0.19	0.095	0.044	mg/Kg	J	B	1	6020/DOD
Thallium	0.13	0.095	0.019	0.0097	mg/Kg			1	6020/DOD
Vanadium	16	0.095	0.057	0.028	mg/Kg			1	6020/DOD
Zinc	54	0.48	0.19	0.062	mg/Kg		Q	1	6020/DOD
Potassium	780	9.5	5.7	3.0	mg/Kg			1	6020/DOD
Selenium	0.31	0.48	0.095	0.048	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0036M-0001-SO
Lab Sample ID: 240-22648-50
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 08:26
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.028	0.096	0.029	0.011	mg/Kg	J		1	6020/DOD
Aluminum	11000	2.9	0.58	0.27	mg/Kg			1	6020/DOD
Arsenic	9.4	0.096	0.048	0.017	mg/Kg			1	6020/DOD
Barium	63	0.96	0.019	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.55	0.096	0.0096	0.0072	mg/Kg		Q	1	6020/DOD
Calcium	1900	9.6	2.4	1.3	mg/Kg			1	6020/DOD
Cadmium	0.16	0.096	0.029	0.013	mg/Kg		Q	1	6020/DOD
Chromium	15	0.19	0.038	0.021	mg/Kg			1	6020/DOD
Cobalt	16	0.048	0.0096	0.0023	mg/Kg		Q	1	6020/DOD
Copper	16	0.19	0.058	0.032	mg/Kg		Q	1	6020/DOD
Iron	24000	4.8	1.9	1.0	mg/Kg			1	6020/DOD
Magnesium	2900	9.6	1.9	1.0	mg/Kg			1	6020/DOD
Manganese	620	0.48	0.029	0.015	mg/Kg		Q	1	6020/DOD
Sodium	38	9.6	4.8	2.6	mg/Kg			1	6020/DOD
Nickel	22	0.096	0.029	0.011	mg/Kg			1	6020/DOD
Lead	15	0.096	0.029	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.096	0.19	0.096	0.044	mg/Kg	U		1	6020/DOD
Thallium	0.15	0.096	0.019	0.0098	mg/Kg			1	6020/DOD
Vanadium	19	0.096	0.058	0.029	mg/Kg			1	6020/DOD
Zinc	55	0.48	0.19	0.062	mg/Kg		Q	1	6020/DOD
Potassium	1100	9.6	5.8	3.0	mg/Kg			1	6020/DOD
Selenium	0.35	0.48	0.096	0.049	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0039M-0001-SO
Lab Sample ID: 240-22648-51
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 08:52
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.026	0.097	0.029	0.011	mg/Kg	J		1	6020/DOD
Aluminum	12000	2.9	0.58	0.28	mg/Kg			1	6020/DOD
Arsenic	10	0.097	0.049	0.018	mg/Kg			1	6020/DOD
Barium	65	0.97	0.019	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.50	0.097	0.0097	0.0073	mg/Kg		Q	1	6020/DOD
Calcium	2800	9.7	2.4	1.3	mg/Kg			1	6020/DOD
Cadmium	0.13	0.097	0.029	0.013	mg/Kg		Q	1	6020/DOD
Chromium	16	0.19	0.039	0.022	mg/Kg			1	6020/DOD
Cobalt	9.5	0.049	0.0097	0.0023	mg/Kg		Q	1	6020/DOD
Copper	18	0.19	0.058	0.032	mg/Kg		Q	1	6020/DOD
Iron	25000	4.9	1.9	1.0	mg/Kg			1	6020/DOD
Magnesium	3700	9.7	1.9	1.0	mg/Kg			1	6020/DOD
Manganese	250	0.49	0.029	0.015	mg/Kg		Q	1	6020/DOD
Sodium	47	9.7	4.9	2.6	mg/Kg			1	6020/DOD
Nickel	25	0.097	0.029	0.011	mg/Kg			1	6020/DOD
Lead	11	0.097	0.029	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.097	0.19	0.097	0.045	mg/Kg	U		1	6020/DOD
Thallium	0.16	0.097	0.019	0.0099	mg/Kg			1	6020/DOD
Vanadium	19	0.097	0.058	0.029	mg/Kg			1	6020/DOD
Zinc	47	0.49	0.19	0.063	mg/Kg		Q	1	6020/DOD
Potassium	1300	9.7	5.8	3.1	mg/Kg			1	6020/DOD
Selenium	0.30	0.49	0.097	0.049	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0040M-0001-SO
Lab Sample ID: 240-22648-52
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 08:59
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.028	0.095	0.029	0.011	mg/Kg	J		1	6020/DOD
Aluminum	11000	2.9	0.57	0.27	mg/Kg			1	6020/DOD
Arsenic	6.5	0.095	0.048	0.017	mg/Kg			1	6020/DOD
Barium	60	0.95	0.019	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.50	0.095	0.0095	0.0071	mg/Kg		Q	1	6020/DOD
Calcium	1900	9.5	2.4	1.3	mg/Kg			1	6020/DOD
Cadmium	0.15	0.095	0.029	0.013	mg/Kg		Q	1	6020/DOD
Chromium	14	0.19	0.038	0.021	mg/Kg			1	6020/DOD
Cobalt	8.7	0.048	0.0095	0.0023	mg/Kg		Q	1	6020/DOD
Copper	14	0.19	0.057	0.031	mg/Kg		Q	1	6020/DOD
Iron	21000	4.8	1.9	1.0	mg/Kg			1	6020/DOD
Magnesium	3100	9.5	1.9	1.0	mg/Kg			1	6020/DOD
Manganese	310	0.48	0.029	0.015	mg/Kg		Q	1	6020/DOD
Sodium	47	9.5	4.8	2.5	mg/Kg			1	6020/DOD
Nickel	19	0.095	0.029	0.011	mg/Kg			1	6020/DOD
Lead	13	0.095	0.029	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.045	0.19	0.095	0.044	mg/Kg	J	B	1	6020/DOD
Thallium	0.15	0.095	0.019	0.0097	mg/Kg			1	6020/DOD
Vanadium	16	0.095	0.057	0.028	mg/Kg			1	6020/DOD
Zinc	58	0.48	0.19	0.062	mg/Kg		Q	1	6020/DOD
Potassium	1200	9.5	5.7	3.0	mg/Kg			1	6020/DOD
Selenium	0.095	0.48	0.095	0.048	mg/Kg	U		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0041M-0001-SO
Lab Sample ID: 240-22648-53
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 09:12
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.026	0.089	0.027	0.010	mg/Kg	J		1	6020/DOD
Aluminum	12000	2.7	0.54	0.25	mg/Kg			1	6020/DOD
Arsenic	7.4	0.089	0.045	0.016	mg/Kg			1	6020/DOD
Barium	65	0.89	0.018	0.0096	mg/Kg		Q	1	6020/DOD
Beryllium	0.61	0.089	0.0089	0.0067	mg/Kg		Q	1	6020/DOD
Calcium	2200	8.9	2.2	1.2	mg/Kg			1	6020/DOD
Cadmium	0.14	0.089	0.027	0.012	mg/Kg		Q	1	6020/DOD
Chromium	15	0.18	0.036	0.020	mg/Kg			1	6020/DOD
Cobalt	9.6	0.045	0.0089	0.0021	mg/Kg		Q	1	6020/DOD
Copper	15	0.18	0.054	0.029	mg/Kg		Q	1	6020/DOD
Iron	22000	4.5	1.8	0.96	mg/Kg			1	6020/DOD
Magnesium	3800	8.9	1.8	0.96	mg/Kg			1	6020/DOD
Manganese	280	0.45	0.027	0.014	mg/Kg		Q	1	6020/DOD
Sodium	52	8.9	4.5	2.4	mg/Kg			1	6020/DOD
Nickel	22	0.089	0.027	0.010	mg/Kg			1	6020/DOD
Lead	12	0.089	0.027	0.014	mg/Kg		Q	1	6020/DOD
Antimony	0.089	0.18	0.089	0.041	mg/Kg	U		1	6020/DOD
Thallium	0.16	0.089	0.018	0.0091	mg/Kg			1	6020/DOD
Vanadium	17	0.089	0.054	0.027	mg/Kg			1	6020/DOD
Zinc	37	0.45	0.18	0.058	mg/Kg		Q	1	6020/DOD
Potassium	1300	8.9	5.4	2.8	mg/Kg			1	6020/DOD
Selenium	0.089	0.45	0.089	0.045	mg/Kg	U		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0042M-0001-SO
Lab Sample ID: 240-22648-54
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 08:33
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.031	0.092	0.028	0.010	mg/Kg	J		1	6020/DOD
Aluminum	12000	2.8	0.55	0.26	mg/Kg			1	6020/DOD
Arsenic	7.9	0.092	0.046	0.017	mg/Kg			1	6020/DOD
Barium	55	0.92	0.018	0.0098	mg/Kg		Q	1	6020/DOD
Beryllium	0.66	0.092	0.0092	0.0069	mg/Kg		Q	1	6020/DOD
Calcium	8100	9.2	2.3	1.2	mg/Kg			1	6020/DOD
Cadmium	0.15	0.092	0.028	0.012	mg/Kg		Q	1	6020/DOD
Chromium	15	0.18	0.037	0.020	mg/Kg			1	6020/DOD
Cobalt	9.6	0.046	0.0092	0.0022	mg/Kg		Q	1	6020/DOD
Copper	13	0.18	0.055	0.030	mg/Kg		Q	1	6020/DOD
Iron	23000	4.6	1.8	0.99	mg/Kg			1	6020/DOD
Magnesium	5200	9.2	1.8	0.99	mg/Kg			1	6020/DOD
Manganese	370	0.46	0.028	0.015	mg/Kg		Q	1	6020/DOD
Sodium	75	9.2	4.6	2.4	mg/Kg			1	6020/DOD
Nickel	21	0.092	0.028	0.010	mg/Kg			1	6020/DOD
Lead	12	0.092	0.028	0.014	mg/Kg		Q	1	6020/DOD
Antimony	0.092	0.18	0.092	0.042	mg/Kg	U		1	6020/DOD
Thallium	0.14	0.092	0.018	0.0094	mg/Kg			1	6020/DOD
Vanadium	16	0.092	0.055	0.027	mg/Kg			1	6020/DOD
Zinc	40	0.46	0.18	0.059	mg/Kg		Q	1	6020/DOD
Potassium	1600	9.2	5.5	2.9	mg/Kg			1	6020/DOD
Selenium	0.092	0.46	0.092	0.047	mg/Kg	U		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0050M-0001-SO
Lab Sample ID: 240-22648-55
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 11:57
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.023	0.092	0.028	0.010	mg/Kg	J		1	6020/DOD
Aluminum	9800	2.8	0.55	0.26	mg/Kg			1	6020/DOD
Arsenic	8.0	0.092	0.046	0.017	mg/Kg			1	6020/DOD
Barium	54	0.92	0.018	0.0098	mg/Kg		Q	1	6020/DOD
Beryllium	0.46	0.092	0.0092	0.0069	mg/Kg		Q	1	6020/DOD
Calcium	4500	9.2	2.3	1.2	mg/Kg			1	6020/DOD
Cadmium	0.11	0.092	0.028	0.012	mg/Kg		Q	1	6020/DOD
Chromium	12	0.18	0.037	0.020	mg/Kg			1	6020/DOD
Cobalt	8.4	0.046	0.0092	0.0022	mg/Kg		Q	1	6020/DOD
Copper	14	0.18	0.055	0.030	mg/Kg		Q	1	6020/DOD
Iron	20000	4.6	1.8	0.99	mg/Kg			1	6020/DOD
Magnesium	2800	9.2	1.8	0.99	mg/Kg			1	6020/DOD
Manganese	410	0.46	0.028	0.015	mg/Kg		Q	1	6020/DOD
Sodium	40	9.2	4.6	2.4	mg/Kg			1	6020/DOD
Nickel	17	0.092	0.028	0.010	mg/Kg			1	6020/DOD
Lead	12	0.092	0.028	0.014	mg/Kg		Q	1	6020/DOD
Antimony	0.092	0.18	0.092	0.042	mg/Kg	U		1	6020/DOD
Thallium	0.13	0.092	0.018	0.0094	mg/Kg			1	6020/DOD
Vanadium	15	0.092	0.055	0.027	mg/Kg			1	6020/DOD
Zinc	36	0.46	0.18	0.059	mg/Kg		Q	1	6020/DOD
Potassium	920	9.2	5.5	2.9	mg/Kg			1	6020/DOD
Selenium	0.092	0.46	0.092	0.047	mg/Kg	U		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0051M-0001-SO
Lab Sample ID: 240-22648-56
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 11:58
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.019	0.094	0.028	0.011	mg/Kg	J		1	6020/DOD
Aluminum	6500	2.8	0.57	0.27	mg/Kg			1	6020/DOD
Arsenic	7.8	0.094	0.047	0.017	mg/Kg			1	6020/DOD
Barium	31	0.94	0.019	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.32	0.094	0.0094	0.0071	mg/Kg		Q	1	6020/DOD
Calcium	3300	9.4	2.4	1.3	mg/Kg			1	6020/DOD
Cadmium	0.10	0.094	0.028	0.012	mg/Kg		Q	1	6020/DOD
Chromium	8.5	0.19	0.038	0.021	mg/Kg			1	6020/DOD
Cobalt	5.9	0.047	0.0094	0.0023	mg/Kg		Q	1	6020/DOD
Copper	14	0.19	0.057	0.031	mg/Kg		Q	1	6020/DOD
Iron	16000	4.7	1.9	1.0	mg/Kg			1	6020/DOD
Magnesium	2600	9.4	1.9	1.0	mg/Kg			1	6020/DOD
Manganese	300	0.47	0.028	0.015	mg/Kg		Q	1	6020/DOD
Sodium	43	9.4	4.7	2.5	mg/Kg			1	6020/DOD
Nickel	14	0.094	0.028	0.011	mg/Kg			1	6020/DOD
Lead	9.6	0.094	0.028	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.048	0.19	0.094	0.043	mg/Kg	J	B	1	6020/DOD
Thallium	0.096	0.094	0.019	0.0096	mg/Kg			1	6020/DOD
Vanadium	9.7	0.094	0.057	0.028	mg/Kg			1	6020/DOD
Zinc	32	0.47	0.19	0.061	mg/Kg		Q	1	6020/DOD
Potassium	870	9.4	5.7	3.0	mg/Kg			1	6020/DOD
Selenium	0.094	0.47	0.094	0.048	mg/Kg	U		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0052M-0001-SO
Lab Sample ID: 240-22648-57
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 12:00
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.014	0.090	0.027	0.010	mg/Kg	J		1	6020/DOD
Aluminum	7500	2.7	0.54	0.26	mg/Kg			1	6020/DOD
Arsenic	12	0.090	0.045	0.016	mg/Kg			1	6020/DOD
Barium	32	0.90	0.018	0.0096	mg/Kg		Q	1	6020/DOD
Beryllium	0.36	0.090	0.0090	0.0068	mg/Kg		Q	1	6020/DOD
Calcium	760	9.0	2.3	1.2	mg/Kg			1	6020/DOD
Cadmium	0.12	0.090	0.027	0.012	mg/Kg		Q	1	6020/DOD
Chromium	9.5	0.18	0.036	0.020	mg/Kg			1	6020/DOD
Cobalt	6.9	0.045	0.0090	0.0022	mg/Kg		Q	1	6020/DOD
Copper	14	0.18	0.054	0.030	mg/Kg		Q	1	6020/DOD
Iron	18000	4.5	1.8	0.97	mg/Kg			1	6020/DOD
Magnesium	2100	9.0	1.8	0.97	mg/Kg			1	6020/DOD
Manganese	320	0.45	0.027	0.014	mg/Kg		Q	1	6020/DOD
Sodium	33	9.0	4.5	2.4	mg/Kg			1	6020/DOD
Nickel	15	0.090	0.027	0.010	mg/Kg			1	6020/DOD
Lead	11	0.090	0.027	0.014	mg/Kg		Q	1	6020/DOD
Antimony	0.049	0.18	0.090	0.041	mg/Kg	J	B	1	6020/DOD
Thallium	0.11	0.090	0.018	0.0092	mg/Kg			1	6020/DOD
Vanadium	11	0.090	0.054	0.027	mg/Kg			1	6020/DOD
Zinc	33	0.45	0.18	0.058	mg/Kg		Q	1	6020/DOD
Potassium	850	9.0	5.4	2.8	mg/Kg			1	6020/DOD
Selenium	0.090	0.45	0.090	0.046	mg/Kg	U		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0053M-0001-SO
Lab Sample ID: 240-22648-58
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 11:18
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.028	0.091	0.027	0.010	mg/Kg	J	Q	1	6020/DOD
Aluminum	8700	2.7	0.55	0.26	mg/Kg			1	6020/DOD
Arsenic	11	0.091	0.045	0.016	mg/Kg		Q	1	6020/DOD
Barium	53	0.91	0.018	0.0097	mg/Kg		Q	1	6020/DOD
Beryllium	0.50	0.091	0.0091	0.0068	mg/Kg		Q	1	6020/DOD
Calcium	3400	9.1	2.3	1.2	mg/Kg			1	6020/DOD
Cadmium	0.12	0.091	0.027	0.012	mg/Kg		Q	1	6020/DOD
Chromium	12	0.18	0.036	0.020	mg/Kg			1	6020/DOD
Cobalt	8.6	0.045	0.0091	0.0022	mg/Kg		Q	1	6020/DOD
Copper	16	0.18	0.055	0.030	mg/Kg		Q	1	6020/DOD
Iron	21000	4.5	1.8	0.98	mg/Kg			1	6020/DOD
Magnesium	2400	9.1	1.8	0.98	mg/Kg			1	6020/DOD
Manganese	370	0.45	0.027	0.014	mg/Kg		Q	1	6020/DOD
Sodium	44	9.1	4.5	2.4	mg/Kg			1	6020/DOD
Nickel	18	0.091	0.027	0.010	mg/Kg			1	6020/DOD
Lead	13	0.091	0.027	0.014	mg/Kg		Q	1	6020/DOD
Antimony	0.046	0.18	0.091	0.042	mg/Kg	J		1	6020/DOD
Thallium	0.12	0.091	0.018	0.0093	mg/Kg		Q	1	6020/DOD
Vanadium	15	0.091	0.055	0.027	mg/Kg			1	6020/DOD
Zinc	40	0.45	0.18	0.059	mg/Kg		Q	1	6020/DOD
Potassium	770	9.1	5.5	2.9	mg/Kg			1	6020/DOD
Selenium	0.29	0.45	0.091	0.046	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0054M-0001-SO
Lab Sample ID: 240-22648-59
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 11:18
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.028	0.097	0.029	0.011	mg/Kg	J	Q	1	6020/DOD
Aluminum	8400	2.9	0.58	0.28	mg/Kg			1	6020/DOD
Arsenic	12	0.097	0.049	0.018	mg/Kg		Q	1	6020/DOD
Barium	58	0.97	0.019	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.47	0.097	0.0097	0.0073	mg/Kg		Q	1	6020/DOD
Calcium	910	9.7	2.4	1.3	mg/Kg			1	6020/DOD
Cadmium	0.13	0.097	0.029	0.013	mg/Kg		Q	1	6020/DOD
Chromium	12	0.19	0.039	0.022	mg/Kg			1	6020/DOD
Cobalt	9.1	0.049	0.0097	0.0023	mg/Kg		Q	1	6020/DOD
Copper	18	0.19	0.058	0.032	mg/Kg		Q	1	6020/DOD
Iron	21000	4.9	1.9	1.0	mg/Kg			1	6020/DOD
Magnesium	2300	9.7	1.9	1.0	mg/Kg			1	6020/DOD
Manganese	310	0.49	0.029	0.015	mg/Kg		Q	1	6020/DOD
Sodium	37	9.7	4.9	2.6	mg/Kg			1	6020/DOD
Nickel	20	0.097	0.029	0.011	mg/Kg			1	6020/DOD
Lead	15	0.097	0.029	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.054	0.19	0.097	0.045	mg/Kg	J		1	6020/DOD
Thallium	0.13	0.097	0.019	0.0099	mg/Kg		Q	1	6020/DOD
Vanadium	14	0.097	0.058	0.029	mg/Kg			1	6020/DOD
Zinc	42	0.49	0.19	0.063	mg/Kg		Q	1	6020/DOD
Potassium	870	9.7	5.8	3.1	mg/Kg			1	6020/DOD
Selenium	0.29	0.49	0.097	0.049	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0056M-0001-SO
Lab Sample ID: 240-22648-60
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 11:35
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.026	0.099	0.030	0.011	mg/Kg	J	Q	1	6020/DOD
Aluminum	7100	3.0	0.59	0.28	mg/Kg			1	6020/DOD
Arsenic	14	0.099	0.050	0.018	mg/Kg		Q	1	6020/DOD
Barium	39	0.99	0.020	0.011	mg/Kg		Q	1	6020/DOD
Beryllium	0.39	0.099	0.0099	0.0074	mg/Kg		Q	1	6020/DOD
Calcium	3100	9.9	2.5	1.3	mg/Kg			1	6020/DOD
Cadmium	0.13	0.099	0.030	0.013	mg/Kg		Q	1	6020/DOD
Chromium	11	0.20	0.040	0.022	mg/Kg			1	6020/DOD
Cobalt	9.1	0.050	0.0099	0.0024	mg/Kg		Q	1	6020/DOD
Copper	19	0.20	0.059	0.033	mg/Kg		Q	1	6020/DOD
Iron	22000	5.0	2.0	1.1	mg/Kg			1	6020/DOD
Magnesium	3100	9.9	2.0	1.1	mg/Kg			1	6020/DOD
Manganese	310	0.50	0.030	0.016	mg/Kg		Q	1	6020/DOD
Sodium	44	9.9	5.0	2.6	mg/Kg			1	6020/DOD
Nickel	23	0.099	0.030	0.011	mg/Kg			1	6020/DOD
Lead	12	0.099	0.030	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.059	0.20	0.099	0.045	mg/Kg	J		1	6020/DOD
Thallium	0.11	0.099	0.020	0.010	mg/Kg		Q	1	6020/DOD
Vanadium	12	0.099	0.059	0.030	mg/Kg			1	6020/DOD
Zinc	47	0.50	0.20	0.064	mg/Kg		Q	1	6020/DOD
Potassium	1000	9.9	5.9	3.1	mg/Kg			1	6020/DOD
Selenium	0.16	0.50	0.099	0.050	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0057M-0001-SO
Lab Sample ID: 240-22648-61
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 11:26
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.035	0.086	0.026	0.0098	mg/Kg	J	Q	1	6020/DOD
Aluminum	7300	2.6	0.52	0.25	mg/Kg			1	6020/DOD
Arsenic	9.5	0.086	0.043	0.016	mg/Kg		Q	1	6020/DOD
Barium	50	0.86	0.017	0.0092	mg/Kg		Q	1	6020/DOD
Beryllium	0.38	0.086	0.0086	0.0065	mg/Kg		Q	1	6020/DOD
Calcium	5700	8.6	2.2	1.1	mg/Kg			1	6020/DOD
Cadmium	0.12	0.086	0.026	0.011	mg/Kg		Q	1	6020/DOD
Chromium	11	0.17	0.034	0.019	mg/Kg			1	6020/DOD
Cobalt	7.5	0.043	0.0086	0.0021	mg/Kg		Q	1	6020/DOD
Copper	17	0.17	0.052	0.028	mg/Kg		Q	1	6020/DOD
Iron	19000	4.3	1.7	0.93	mg/Kg			1	6020/DOD
Magnesium	3200	8.6	1.7	0.93	mg/Kg			1	6020/DOD
Manganese	220	0.43	0.026	0.014	mg/Kg		Q	1	6020/DOD
Sodium	43	8.6	4.3	2.3	mg/Kg			1	6020/DOD
Nickel	19	0.086	0.026	0.0097	mg/Kg			1	6020/DOD
Lead	11	0.086	0.026	0.013	mg/Kg		Q	1	6020/DOD
Antimony	0.042	0.17	0.086	0.040	mg/Kg	J		1	6020/DOD
Thallium	0.11	0.086	0.017	0.0088	mg/Kg		Q	1	6020/DOD
Vanadium	13	0.086	0.052	0.026	mg/Kg			1	6020/DOD
Zinc	40	0.43	0.17	0.056	mg/Kg		Q	1	6020/DOD
Potassium	780	8.6	5.2	2.7	mg/Kg			1	6020/DOD
Selenium	0.22	0.43	0.086	0.044	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0059M-0001-SO
Lab Sample ID: 240-22648-62
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 11:47
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.031	0.093	0.028	0.011	mg/Kg	J	Q	1	6020/DOD
Aluminum	8500	2.8	0.56	0.26	mg/Kg			1	6020/DOD
Arsenic	12	0.093	0.046	0.017	mg/Kg		Q	1	6020/DOD
Barium	50	0.93	0.019	0.0099	mg/Kg		Q	1	6020/DOD
Beryllium	0.46	0.093	0.0093	0.0069	mg/Kg		Q	1	6020/DOD
Calcium	1500	9.3	2.3	1.2	mg/Kg			1	6020/DOD
Cadmium	0.13	0.093	0.028	0.012	mg/Kg		Q	1	6020/DOD
Chromium	12	0.19	0.037	0.021	mg/Kg			1	6020/DOD
Cobalt	9.2	0.046	0.0093	0.0022	mg/Kg		Q	1	6020/DOD
Copper	18	0.19	0.056	0.031	mg/Kg		Q	1	6020/DOD
Iron	23000	4.6	1.9	1.0	mg/Kg			1	6020/DOD
Magnesium	2400	9.3	1.9	1.0	mg/Kg			1	6020/DOD
Manganese	540	0.46	0.028	0.015	mg/Kg		Q	1	6020/DOD
Sodium	35	9.3	4.6	2.5	mg/Kg			1	6020/DOD
Nickel	20	0.093	0.028	0.010	mg/Kg			1	6020/DOD
Lead	13	0.093	0.028	0.014	mg/Kg		Q	1	6020/DOD
Antimony	0.093	0.19	0.093	0.043	mg/Kg	U		1	6020/DOD
Thallium	0.13	0.093	0.019	0.0094	mg/Kg		Q	1	6020/DOD
Vanadium	15	0.093	0.056	0.028	mg/Kg			1	6020/DOD
Zinc	49	0.46	0.19	0.060	mg/Kg		Q	1	6020/DOD
Potassium	930	9.3	5.6	2.9	mg/Kg			1	6020/DOD
Selenium	0.28	0.46	0.093	0.047	mg/Kg	J		1	6020/DOD

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

ICV Source: MTHgStd_00009 Concentration Units: ug/L

CCV Source: MTHGCALW_00349

Analyte	ICV 240-80949/7-A 04/09/2013 10:41				CCVL 240-80949/10-A 04/09/2013 10:45				CCV 240-80949/12-A 04/09/2013 11:03			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	2.41		2.50	96	5.02		5.00	100	5.09		5.00	102

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

ICV Source: MTHgStd_00009 Concentration Units: ug/L

CCV Source: MTHGCALW_00349

Analyte	CCV 240-80949/12-A 04/09/2013 11:58				CCV 240-80949/12-A 04/09/2013 12:17				CCV 240-80949/12-A 04/09/2013 12:53			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.18		5.00	104	5.16		5.00	103	4.94		5.00	99

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

ICV Source: MTHgStd_00009 Concentration Units: ug/L

CCV Source: MTHGCALW_00349

Analyte	CCV 240-80949/12-A 04/09/2013 13:12											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.12		5.00	102								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

ICV Source: MTHgStd_00009 Concentration Units: ug/L

CCV Source: MTHGCALW_00352

Analyte	ICV 240-81478/7-A 04/11/2013 10:30				CCV 240-81478/10-A 04/11/2013 10:51				CCV 240-81478/10-A 04/11/2013 11:06			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	2.55		2.50	102	5.09		5.00	102	5.10		5.00	102

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

ICV Source: MTHgStd_00009 Concentration Units: ug/L

CCV Source: MTHGCALW_00352

Analyte	CCV 240-81478/10-A 04/11/2013 11:24				CCV 240-81478/10-A 04/11/2013 11:42				CCV 240-81478/10-A 04/11/2013 12:00			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.16		5.00	103	5.11		5.00	102	5.19		5.00	104

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

ICV Source: MTHgStd_00009 Concentration Units: ug/L

CCV Source: MTHGCALW_00352

Analyte	CCV 240-81478/10-A 04/11/2013 12:17				CCV 240-81478/10-A 04/11/2013 12:36				CCV 240-81478/10-A 04/11/2013 12:56			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.19		5.00	104	5.13		5.00	103	5.19		5.00	104

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

ICV Source: MTHgStd_00009 Concentration Units: ug/L

CCV Source: MTHGCALW_00352

Analyte	CCV 240-81478/10-A 04/11/2013 13:13				CCV 240-81478/10-A 04/11/2013 13:24							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.15		5.00	103	5.17		5.00	103				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

ICV Source: MTHgStd_00009 Concentration Units: ug/L

CCV Source: MTHGCALW_00349

Analyte	ICV 240-80952/7-A 04/09/2013 08:42				CCV 240-80952/10-A 04/09/2013 09:58				CCV 240-80952/10-A 04/09/2013 10:22			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	2.54		2.50	102	5.26		5.00	105	5.26		5.00	105

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

ICV Source: MTHgStd_00009 Concentration Units: ug/L

CCV Source: MTHGCALW_00349

Analyte	CCV 240-80952/10-A 04/09/2013 10:46				CCV 240-80952/10-A 04/09/2013 11:08				CCV 240-80952/10-A 04/09/2013 11:20			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.27		5.00	105	5.25		5.00	105	5.24		5.00	105

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

ICV Source: MICVX_00003 Concentration Units: ug/L

CCV Source: CCVHL1_00003

Analyte	ICV 180-70691/5 05/01/2013 20:51				CCV 180-70691/11 05/01/2013 21:41							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	394		400	98	473000		500000	95				
Barium	76.7		80.0	96	15700		15000	104				
Chromium	81.2		80.0	101	21400		20000	107				
Copper	82.6		80.0	103	20100		20000	101				
Iron	19700		20000	99	520000		500000	104				
Lead	75.3		80.0	94	20200		20000	101				
Manganese	396		400	99	21400		20000	107				
Nickel	82.0		80.0	103	10300		10000	103				
Zinc	82.5		80.0	103	20300		20000	102				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

ICV Source: MICVX_00003 Concentration Units: ug/L

CCV Source: CCVHL2_00003

Analyte	ICV 180-70691/5 05/01/2013 20:51				CCV 180-70691/12 05/01/2013 21:49							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Calcium	37200		40000	93	954000		1000000	95				
Magnesium	38300		40000	96	937000		1000000	94				
Potassium	39300		40000	98	479000		500000	96				
Sodium	39100		40000	98	485000		500000	97				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

ICV Source: MICVX_00003 Concentration Units: ug/L

CCV Source: MCCV1X_00041

Analyte	ICV 180-70691/5 05/01/2013 20:51				CCV 180-70691/13 05/01/2013 21:57				CCV 180-70691/25 05/01/2013 23:36			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	394		400	98	488		500	98	456		500	91
Antimony	76.9		80.0	96	95.3		100	95	96.5		100	96
Arsenic	80.1		80.0	100	100		100	100	99.6		100	100
Barium	76.7		80.0	96	95.9		100	96	92.9		100	93
Beryllium	78.4		80.0	98	99.5		100	100	104		100	104
Cadmium	79.2		80.0	99	96.2		100	96	99.1		100	99
Calcium	37200		40000	93	46300		50000	93	46200		50000	92
Chromium	81.2		80.0	101	100		100	100	99.0		100	99
Cobalt	81.1		80.0	101	102		100	102	99.4		100	99
Copper	82.6		80.0	103	104		100	104	102		100	102
Iron	19700		20000	99	24900		25000	100	24800		25000	99
Lead	75.3		80.0	94	95.3		100	95	96.2		100	96
Magnesium	38300		40000	96	49000		50000	98	45600		50000	91
Manganese	396		400	99	494		500	99	498		500	100
Nickel	82.0		80.0	103	105		100	105	102		100	102
Potassium	39300		40000	98	49400		50000	99	47200		50000	94
Selenium	82.9		80.0	104	103		100	103	102		100	102
Silver	78.5		80.0	98	98.7		100	99	99.6		100	100
Sodium	39100		40000	98	49200		50000	98	45900		50000	92
Thallium	76.9		80.0	96	95.0		100	95	95.4		100	95
Vanadium	80.6		80.0	101	99.1		100	99	97.3		100	97
Zinc	82.5		80.0	103	100		100	100	101		100	101

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

ICV Source: MICVX_00003 Concentration Units: ug/L

CCV Source: MCCV1X_00041

Analyte	CCV 180-70691/37 05/02/2013 01:14				CCV 180-70691/49 05/02/2013 02:52				CCV 180-70691/61 05/02/2013 04:31			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	492		500	98	488		500	98	500		500	100
Antimony	94.4		100	94	95.5		100	96	94.0		100	94
Arsenic	102		100	102	102		100	102	101		100	101
Barium	94.5		100	95	94.4		100	94	95.1		100	95
Beryllium	100		100	100	97.7		100	98	101		100	101
Cadmium	96.0		100	96	97.2		100	97	96.7		100	97
Calcium	46100		50000	92	46600		50000	93	46600		50000	93
Chromium	99.8		100	100	101		100	101	99.9		100	100
Cobalt	102		100	102	102		100	102	102		100	102
Copper	105		100	105	104		100	104	103		100	103
Iron	24700		25000	99	24800		25000	99	24800		25000	99
Lead	95.9		100	96	95.5		100	95	95.5		100	96
Magnesium	47200		50000	94	47100		50000	94	48100		50000	96
Manganese	492		500	98	493		500	99	492		500	98
Nickel	106		100	106	104		100	104	105		100	105
Potassium	48000		50000	96	48700		50000	97	48900		50000	98
Selenium	103		100	103	102		100	102	102		100	102
Silver	99.1		100	99	99.2		100	99	99.1		100	99
Sodium	47200		50000	94	47000		50000	94	48200		50000	96
Thallium	95.4		100	95	95.4		100	95	95.5		100	96
Vanadium	99.3		100	99	99.6		100	100	99.0		100	99
Zinc	99.9		100	100	98.6		100	99	100		100	100

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

ICV Source: MICVX_00003 Concentration Units: ug/L

CCV Source: MCCV1X_00041

Analyte	CCV 180-70691/65 05/02/2013 05:04				CCV 180-70691/77 05/02/2013 06:43				CCV 180-70691/84 05/02/2013 07:41			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	488		500	98	495		500	99	504		500	101
Antimony	94.5		100	95	93.8		100	94	92.6		100	93
Arsenic	101		100	101	99.4		100	99	98.4		100	98
Barium	96.5		100	97	97.3		100	97	96.7		100	97
Beryllium	97.3		100	97	97.8		100	98	96.2		100	96
Cadmium	97.0		100	97	96.3		100	96	94.8		100	95
Calcium	45900		50000	92	46100		50000	92	46100		50000	92
Chromium	100		100	100	100		100	100	99.2		100	99
Cobalt	102		100	102	101		100	101	101		100	101
Copper	103		100	103	103		100	103	102		100	102
Iron	24600		25000	98	24600		25000	98	24600		25000	98
Lead	94.4		100	94	95.0		100	95	94.7		100	95
Magnesium	46900		50000	94	46900		50000	94	47100		50000	94
Manganese	489		500	98	487		500	97	487		500	97
Nickel	105		100	105	104		100	104	105		100	105
Potassium	48300		50000	97	48200		50000	96	48100		50000	96
Selenium	103		100	103	101		100	101	99.5		100	99
Silver	99.6		100	100	99.5		100	100	100		100	100
Sodium	47200		50000	94	47200		50000	94	47800		50000	96
Thallium	93.8		100	94	94.8		100	95	94.6		100	95
Vanadium	100		100	100	99.5		100	99	98.0		100	98
Zinc	99.2		100	99	98.6		100	99	98.6		100	99

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

ICV Source: MICVX_00003 Concentration Units: ug/L

CCV Source: MCCV1X_00041

Analyte	CCV 180-70691/88 05/02/2013 08:14											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	500		500	100								
Antimony	93.7		100	94								
Arsenic	101		100	101								
Barium	96.9		100	97								
Beryllium	97.7		100	98								
Cadmium	96.8		100	97								
Calcium	46400		50000	93								
Chromium	100		100	100								
Cobalt	101		100	101								
Copper	105		100	105								
Iron	24700		25000	99								
Lead	93.8		100	94								
Magnesium	47100		50000	94								
Manganese	489		500	98								
Nickel	105		100	105								
Potassium	48700		50000	97								
Selenium	101		100	101								
Silver	100		100	100								
Sodium	47700		50000	95								
Thallium	93.7		100	94								
Vanadium	101		100	101								
Zinc	97.8		100	98								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

ICV Source: MICVX_00003 Concentration Units: ug/L

CCV Source: CCVHL1_00003

Analyte	ICV 180-70828/5 05/02/2013 15:58				CCV 180-70828/10 05/02/2013 16:39							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	405		400	101	467000		500000	93				
Barium	76.4		80.0	96	15800		15000	105				
Chromium	81.4		80.0	102	21300		20000	106				
Copper	82.9		80.0	104	20100		20000	101				
Iron	19600		20000	98	515000		500000	103				
Lead	75.0		80.0	94	20000		20000	100				
Manganese	398		400	99	21500		20000	107				
Nickel	80.8		80.0	101	9940		10000	99				
Zinc	82.2		80.0	103	21600		20000	108				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

ICV Source: MICVX_00003 Concentration Units: ug/L

CCV Source: CCVHL2_00003

Analyte	ICV 180-70828/5 05/02/2013 15:58				CCV 180-70828/11 05/02/2013 16:48							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Calcium	37400		40000	94	978000		1000000	98				
Magnesium	39300		40000	98	951000		1000000	95				
Potassium	39600		40000	99	491000		500000	98				
Sodium	39300		40000	98	490000		500000	98				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

ICV Source: MICVX_00003 Concentration Units: ug/L

CCV Source: MCCV1X_00041

Analyte	ICV 180-70828/5 05/02/2013 15:58				CCV 180-70828/12 05/02/2013 16:56				CCV 180-70828/24 05/02/2013 18:34			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	405		400	101	486		500	97	504		500	101
Antimony	76.6		80.0	96	92.6		100	93	93.0		100	93
Arsenic	80.8		80.0	101	100		100	100	98.6		100	99
Barium	76.4		80.0	96	93.9		100	94	93.4		100	93
Beryllium	80.5		80.0	101	97.3		100	97	99.5		100	100
Cadmium	77.0		80.0	96	95.5		100	95	94.9		100	95
Calcium	37400		40000	94	45800		50000	92	46200		50000	92
Chromium	81.4		80.0	102	97.8		100	98	97.5		100	98
Cobalt	80.8		80.0	101	99.5		100	100	98.8		100	99
Copper	82.9		80.0	104	102		100	102	100		100	100
Iron	19600		20000	98	24300		25000	97	24400		25000	97
Lead	75.0		80.0	94	95.1		100	95	93.4		100	93
Magnesium	39300		40000	98	48700		50000	97	49300		50000	99
Manganese	398		400	99	483		500	97	487		500	97
Nickel	80.8		80.0	101	100		100	100	99.6		100	100
Potassium	39600		40000	99	48500		50000	97	48500		50000	97
Selenium	82.8		80.0	104	101		100	101	101		100	101
Silver	78.5		80.0	98	97.2		100	97	96.7		100	97
Sodium	39300		40000	98	48400		50000	97	48800		50000	98
Thallium	76.6		80.0	96	95.0		100	95	93.3		100	93
Vanadium	81.2		80.0	101	97.2		100	97	97.3		100	97
Zinc	82.2		80.0	103	101		100	101	101		100	101

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

ICV Source: MICVX_00003 Concentration Units: ug/L

CCV Source: MCCV1X_00041

Analyte	CCV 180-70828/36 05/02/2013 20:13				CCV 180-70828/48 05/02/2013 21:51				CCV 180-70828/60 05/02/2013 23:30			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	516		500	103	510		500	102	539		500	108
Antimony	94.8		100	95	92.8		100	93	92.8		100	93
Arsenic	99.7		100	100	98.7		100	99	99.3		100	99
Barium	95.4		100	95	94.2		100	94	97.1		100	97
Beryllium	99.4		100	99	95.7		100	96	98.7		100	99
Cadmium	97.1		100	97	94.1		100	94	94.8		100	95
Calcium	46400		50000	93	46700		50000	93	46900		50000	94
Chromium	97.6		100	98	98.1		100	98	99.2		100	99
Cobalt	99.5		100	99	99.9		100	100	101		100	101
Copper	101		100	101	100		100	100	102		100	102
Iron	24500		25000	98	24400		25000	98	24900		25000	99
Lead	95.1		100	95	91.7		100	92	91.9		100	92
Magnesium	49600		50000	99	48700		50000	97	49700		50000	99
Manganese	486		500	97	489		500	98	490		500	98
Nickel	97.8		100	98	99.0		100	99	101		100	101
Potassium	49300		50000	99	49200		50000	98	50200		50000	100
Selenium	100		100	100	99.5		100	99	99.7		100	100
Silver	98.1		100	98	97.3		100	97	98.0		100	98
Sodium	49300		50000	99	48600		50000	97	49200		50000	98
Thallium	95.0		100	95	92.1		100	92	92.1		100	92
Vanadium	97.7		100	98	97.9		100	98	98.3		100	98
Zinc	100		100	100	100		100	100	100		100	100

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

ICV Source: MICVX_00003 Concentration Units: ug/L

CCV Source: MCCV1X_00041

Analyte	CCV 180-70828/71 05/03/2013 01:02											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	508		500	102								
Antimony	92.4		100	92								
Arsenic	99.4		100	99								
Barium	98.6		100	99								
Beryllium	99.3		100	99								
Cadmium	95.5		100	95								
Calcium	45300		50000	91								
Chromium	95.4		100	95								
Cobalt	98.7		100	99								
Copper	102		100	102								
Iron	24000		25000	96								
Lead	92.1		100	92								
Magnesium	48500		50000	97								
Manganese	473		500	95								
Nickel	99.5		100	99								
Potassium	48700		50000	97								
Selenium	99.7		100	100								
Silver	98.6		100	99								
Sodium	48400		50000	97								
Thallium	92.0		100	92								
Vanadium	95.2		100	95								
Zinc	97.2		100	97								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Method: 7470A/DOD Instrument ID: H1

Lab Sample ID: CRA 240-80949/9-A Concentration Units: ug/L

CRQL Check Standard Source: MTHGCALW_00349

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Mercury	0.200	0.186	J	93	

Lab Sample ID: CRA 240-80949/9-A Concentration Units: ug/L

CRQL Check Standard Source: MTHGCALW_00349

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Mercury	0.200	0.196	J	98	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Method: 7471/DOD Instrument ID: H1

Lab Sample ID: CRA 240-81478/9-A Concentration Units: ug/L

CRQL Check Standard Source: MTHGCALW_00352

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Mercury	0.200	0.189	J	94	

Lab Sample ID: CRA 240-81478/9-A Concentration Units: ug/L

CRQL Check Standard Source: MTHGCALW_00352

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Mercury	0.200	0.177	J	89	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Method: 7471/DOD Instrument ID: H4

Lab Sample ID: CRA 240-80952/9-A Concentration Units: ug/L

CRQL Check Standard Source: MTHGCALW_00349

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Mercury	0.200	0.201		100	

Lab Sample ID: CRA 240-80952/9-A Concentration Units: ug/L

CRQL Check Standard Source: MTHGCALW_00349

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Mercury	0.200	0.216		108	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Method: 6020/DOD Instrument ID: M

Lab Sample ID: CRI 180-70691/7 Concentration Units: ug/L

CRQL Check Standard Source: MCRIX_00032

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Silver	1.00	0.816	J	82	80-120
Aluminum	30.0	33.0		110	80-120
Arsenic	1.00	1.09		109	80-120
Barium	10.0	9.43	J	94	80-120
Beryllium	1.00	1.05		105	80-120
Calcium	100	96.5	J	97	80-120
Cadmium	1.00	1.07		107	80-120
Chromium	2.00	1.85	J	92	80-120
Cobalt	0.500	0.492	J	98	80-120
Copper	2.00	2.27		114	80-120
Iron	50.0	53.2		106	80-120
Magnesium	100	97.1	J	97	80-120
Manganese	5.00	5.26		105	80-120
Sodium	100	95.0	J	95	80-120
Nickel	1.00	1.13		113	80-120
Lead	1.00	0.919	J	92	80-120
Antimony	2.00	1.94	J	97	80-120
Thallium	1.00	0.884	J	88	80-120
Vanadium	1.00	0.883	J	88	80-120
Zinc	5.00	5.29		106	80-120
Potassium	100	92.5	J	93	80-120
Selenium	5.00	5.60		112	80-120

Lab Sample ID: CRI 180-70691/87 Concentration Units: ug/L

CRQL Check Standard Source: MCRIX_00032

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Silver	1.00	1.02		102	80-120
Aluminum	30.0	36.1		120	80-120
Arsenic	1.00	1.20		120	80-120
Barium	10.0	9.65	J	97	80-120
Beryllium	1.00	1.11		111	80-120
Calcium	100	109		109	80-120
Cadmium	1.00	1.11		111	80-120
Chromium	2.00	2.04		102	80-120

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Method: 6020/DOD Instrument ID: M

Lab Sample ID: CRI 180-70691/87 Concentration Units: ug/L

CRQL Check Standard Source: MCRIX_00032

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cobalt	0.500	0.507		101	80-120
Copper	2.00	2.22		111	80-120
Iron	50.0	59.1		118	80-120
Magnesium	100	102		102	80-120
Manganese	5.00	5.67		113	80-120
Sodium	100	107		107	80-120
Nickel	1.00	1.00		100	80-120
Lead	1.00	0.911	J	91	80-120
Antimony	2.00	1.87	J	93	80-120
Thallium	1.00	0.882	J	88	80-120
Vanadium	1.00	0.883	J	88	80-120
Zinc	5.00	5.03		101	80-120
Potassium	100	79.5	J	80	80-120
Selenium	5.00	4.42	J	88	80-120

Lab Sample ID: CRI 180-70828/7 Concentration Units: ug/L

CRQL Check Standard Source: MCRIX_00032

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Silver	1.00	0.970	J	97	80-120
Aluminum	30.0	34.7		116	80-120
Arsenic	1.00	1.14		114	80-120
Barium	10.0	9.44	J	94	80-120
Beryllium	1.00	0.990	J	99	80-120
Calcium	100	102		102	80-120
Cadmium	1.00	1.07		107	80-120
Chromium	2.00	1.94	J	97	80-120
Cobalt	0.500	0.546		109	80-120
Copper	2.00	2.28		114	80-120
Iron	50.0	56.3		113	80-120
Magnesium	100	101		101	80-120
Manganese	5.00	5.41		108	80-120
Sodium	100	97.0	J	97	80-120
Nickel	1.00	1.17		117	80-120
Lead	1.00	0.918	J	92	80-120

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Method: 6020/DOD Instrument ID: M

Lab Sample ID: CRI 180-70828/7 Concentration Units: ug/L

CRQL Check Standard Source: MCRIX_00032

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Antimony	2.00	1.99	J	99	80-120
Thallium	1.00	0.872	J	87	80-120
Vanadium	1.00	0.925	J	93	80-120
Zinc	5.00	5.38		108	80-120
Potassium	100	97.7	J	98	80-120
Selenium	5.00	4.92	J	98	80-120

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 240-80949/8-A 04/09/2013 10:42		CCB 240-80949/11-A 04/09/2013 10:47		CCB 240-80949/11-A 04/09/2013 11:05		CCB 240-80949/11-A 04/09/2013 12:00	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U	0.20	U	0.20	U	0.20	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 240-80949/11-A 04/09/2013 12:19		CCB 240-80949/11-A 04/09/2013 12:55		CCB 240-80949/11-A 04/09/2013 13:14			
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U	0.20	U	0.20	U		

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 240-81478/8-A 04/11/2013 10:32		CCB 240-81478/11-A 04/11/2013 10:53		CCB 240-81478/11-A 04/11/2013 11:08		CCB 240-81478/11-A 04/11/2013 11:26	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U	0.20	U	0.20	U	0.20	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 240-81478/11-A 04/11/2013 11:44		CCB 240-81478/11-A 04/11/2013 12:01		CCB 240-81478/11-A 04/11/2013 12:19		CCB 240-81478/11-A 04/11/2013 12:38	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U	0.20	U	0.20	U	0.20	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 240-81478/11-A 04/11/2013 12:57		CCB 240-81478/11-A 04/11/2013 13:15		CCB 240-81478/11-A 04/11/2013 13:26			
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U	0.20	U	0.20	U		

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 240-80952/8-A 04/09/2013 08:44		CCB 240-80952/11-A 04/09/2013 10:00		CCB 240-80952/11-A 04/09/2013 10:24		CCB 240-80952/11-A 04/09/2013 10:47	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U	0.20	U	0.20	U	0.20	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 240-80952/11-A 04/09/2013 11:10		CCB 240-80952/11-A 04/09/2013 11:23					
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U	0.20	U				

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 180-70691/6 05/01/2013 21:00		CCB1 180-70691/14 05/01/2013 22:06		CCB2 180-70691/26 05/01/2013 23:44		CCB3 180-70691/38 05/02/2013 01:22	
		Found	C	Found	C	Found	C	Found	C
Aluminum	30	3.07	J	7.74	J	4.47	J	6.19	J
Antimony	2.0	0.90	U	0.90	U	0.90	U	0.90	U
Arsenic	1.0	0.50	U	0.50	U	0.50	U	0.50	U
Barium	10	0.15	U	0.177	J	0.15	U	0.0990	J
Beryllium	1.0	0.0470	J	0.090	U	0.090	U	0.090	U
Cadmium	1.0	0.30	U	0.30	U	0.30	U	0.30	U
Calcium	100	12.2	J	37.4	J	16.9	J	15.6	J
Chromium	2.0	1.0	U	1.0	U	1.0	U	1.0	U
Cobalt	0.50	0.050	U	0.050	U	0.0590	J	0.0380	J
Copper	2.0	0.50	U	0.50	U	0.50	U	0.50	U
Iron	50	20	U	17.4	J	20	U	16.1	J
Lead	1.0	0.30	U	0.187	J	0.319	J	0.30	U
Magnesium	100	22	U	39.9	J	14.3	J	13.8	J
Manganese	5.0	0.580	J	0.851	J	1.17	J	0.786	J
Nickel	1.0	0.35	U	0.35	U	0.35	U	0.35	U
Potassium	100	60	U	60	U	60	U	60	U
Selenium	5.0	0.673	J	0.604	J	1.0	U	1.0	U
Silver	1.0	0.20	U	0.20	U	0.20	U	0.20	U
Sodium	100	55	U	55	U	55	U	55	U
Thallium	1.0	0.20	U	0.20	U	0.20	U	0.20	U
Vanadium	1.0	0.60	U	0.60	U	0.60	U	0.60	U
Zinc	5.0	2.0	U	2.0	U	2.0	U	2.0	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB4 180-70691/50 05/02/2013 03:01		CCB5 180-70691/62 05/02/2013 04:39		CCB6 180-70691/66 05/02/2013 05:12		CCB7 180-70691/78 05/02/2013 06:51	
		Found	C	Found	C	Found	C	Found	C
Aluminum	30	3.40	J	5.23	J	3.93	J	5.06	J
Antimony	2.0	0.90	U	0.90	U	0.90	U	0.90	U
Arsenic	1.0	0.50	U	0.50	U	0.411	J	0.50	U
Barium	10	0.15	U	0.101	J	0.112	J	0.102	J
Beryllium	1.0	0.090	U	0.090	U	0.090	U	0.090	U
Cadmium	1.0	0.30	U	0.30	U	0.30	U	0.30	U
Calcium	100	9.66	J	16.6	J	17.9	J	16.8	J
Chromium	2.0	1.0	U	1.0	U	1.0	U	1.0	U
Cobalt	0.50	0.0350	J	0.0330	J	0.0310	J	0.0480	J
Copper	2.0	0.50	U	0.50	U	0.50	U	0.50	U
Iron	50	20	U	16.6	J	20	U	14.4	J
Lead	1.0	0.30	U	0.30	U	0.30	U	0.30	U
Magnesium	100	22	U	16.0	J	18.6	J	17.6	J
Manganese	5.0	0.368	J	0.580	J	0.512	J	0.710	J
Nickel	1.0	0.35	U	0.35	U	0.35	U	0.35	U
Potassium	100	60	U	60	U	60	U	60	U
Selenium	5.0	1.0	U	1.0	U	1.42	J	1.0	U
Silver	1.0	0.20	U	0.20	U	0.20	U	0.20	U
Sodium	100	55	U	55	U	55	U	55	U
Thallium	1.0	0.20	U	0.20	U	0.20	U	0.20	U
Vanadium	1.0	0.60	U	0.60	U	0.60	U	0.60	U
Zinc	5.0	2.0	U	2.0	U	2.0	U	2.0	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB8 180-70691/85 05/02/2013 07:49		CCB9 180-70691/89 05/02/2013 08:22					
		Found	C	Found	C	Found	C	Found	C
Aluminum	30	6.94	J	4.98	J				
Antimony	2.0	0.90	U	0.90	U				
Arsenic	1.0	0.50	U	0.50	U				
Barium	10	0.147	J	0.15	U				
Beryllium	1.0	0.090	U	0.090	U				
Cadmium	1.0	0.30	U	0.30	U				
Calcium	100	19.2	J	18.3	J				
Chromium	2.0	1.0	U	1.0	U				
Cobalt	0.50	0.0500	J	0.0340	J				
Copper	2.0	0.50	U	0.50	U				
Iron	50	18.0	J	13.5	J				
Lead	1.0	0.30	U	0.30	U				
Magnesium	100	21.1	J	18.3	J				
Manganese	5.0	0.683	J	0.660	J				
Nickel	1.0	0.35	U	0.35	U				
Potassium	100	60	U	60	U				
Selenium	5.0	1.0	U	1.0	U				
Silver	1.0	0.20	U	0.20	U				
Sodium	100	55	U	55	U				
Thallium	1.0	0.20	U	0.20	U				
Vanadium	1.0	0.60	U	0.60	U				
Zinc	5.0	2.0	U	2.0	U				

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 180-70828/6 05/02/2013 16:06		CCB1 180-70828/13 05/02/2013 17:04		CCB2 180-70828/25 05/02/2013 18:43		CCB3 180-70828/37 05/02/2013 20:21	
		Found	C	Found	C	Found	C	Found	C
Aluminum	30	5.0	U	4.78	J	8.00	J	4.76	J
Antimony	2.0	0.90	U	0.90	U	0.90	U	0.90	U
Arsenic	1.0	0.50	U	0.50	U	0.50	U	0.50	U
Barium	10	0.15	U	0.15	U	0.112	J	0.0990	J
Beryllium	1.0	0.090	U	0.090	U	0.090	U	0.090	U
Cadmium	1.0	0.30	U	0.30	U	0.30	U	0.30	U
Calcium	100	20	U	12.1	J	15.3	J	12.0	J
Chromium	2.0	1.0	U	1.0	U	1.0	U	1.0	U
Cobalt	0.50	0.050	U	0.050	U	0.0320	J	0.0300	J
Copper	2.0	0.50	U	0.50	U	0.50	U	0.50	U
Iron	50	20	U	20	U	14.3	J	20	U
Lead	1.0	0.30	U	0.30	U	0.30	U	0.30	U
Magnesium	100	22	U	11.8	J	12.6	J	22	U
Manganese	5.0	0.391	J	0.629	J	0.717	J	0.405	J
Nickel	1.0	0.35	U	0.35	U	0.35	U	0.35	U
Potassium	100	60	U	60	U	60	U	60	U
Selenium	5.0	1.0	U	1.0	U	1.0	U	1.0	U
Silver	1.0	0.20	U	0.20	U	0.20	U	0.20	U
Sodium	100	55	U	55	U	55	U	55	U
Thallium	1.0	0.20	U	0.20	U	0.20	U	0.20	U
Vanadium	1.0	0.60	U	0.60	U	0.60	U	0.60	U
Zinc	5.0	2.0	U	2.0	U	2.0	U	2.0	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB4 180-70828/49 05/02/2013 21:59		CCB5 180-70828/61 05/02/2013 23:38		CCB6 180-70828/72 05/03/2013 01:10			
		Found	C	Found	C	Found	C	Found	C
Aluminum	30	3.56	J	6.32	J	5.65	J		
Antimony	2.0	0.90	U	0.90	U	0.90	U		
Arsenic	1.0	0.50	U	0.50	U	0.50	U		
Barium	10	0.15	U	0.113	J	0.107	J		
Beryllium	1.0	0.090	U	0.090	U	0.090	U		
Cadmium	1.0	0.30	U	0.30	U	0.30	U		
Calcium	100	20	U	12.4	J	13.7	J		
Chromium	2.0	1.0	U	1.0	U	1.0	U		
Cobalt	0.50	0.050	U	0.0340	J	0.0310	J		
Copper	2.0	0.50	U	0.50	U	0.50	U		
Iron	50	20	U	12.9	J	12.0	J		
Lead	1.0	0.30	U	0.30	U	0.30	U		
Magnesium	100	22	U	11.8	J	13.7	J		
Manganese	5.0	0.355	J	0.544	J	0.574	J		
Nickel	1.0	0.35	U	0.35	U	0.35	U		
Potassium	100	60	U	60	U	60	U		
Selenium	5.0	1.0	U	1.0	U	1.0	U		
Silver	1.0	0.20	U	0.20	U	0.20	U		
Sodium	100	55	U	55	U	55	U		
Thallium	1.0	0.20	U	0.20	U	0.20	U		
Vanadium	1.0	0.60	U	0.60	U	0.60	U		
Zinc	5.0	2.0	U	2.0	U	2.0	U		

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 240-80775/1-A

Instrument Code: H1 Batch No.: 81255

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.20	U		7470_DOD

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 240-81005/1-A

Instrument Code: H4 Batch No.: 81267

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.033	U		7471_DOD

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 240-81137/1-A

Instrument Code: H1 Batch No.: 81523

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.033	U		7471_DOD

FORM III-IN

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 240-81154/1-A

Instrument Code: H1 Batch No.: 81523

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.033	U		7471_DOD

FORM III-IN

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 240-81357/1-A

Instrument Code: H1 Batch No.: 81523

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.033	U		7471_DOD

FORM III-IN

3-IN
METHOD BLANK
METALS - TOTAL RECOVERABLE

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 180-68743/1-A

Instrument Code: M Batch No.: 70691

CAS No.	Analyte	Concentration	C	Q	Method
7440-22-4	Silver	0.618	J	Q	6020_DoD
7429-90-5	Aluminum	5.0	U		6020_DoD
7440-38-2	Arsenic	0.50	U	Q	6020_DoD
7440-39-3	Barium	0.15	U	Q	6020_DoD
7440-41-7	Beryllium	0.090	U	Q	6020_DoD
7440-70-2	Calcium	20	U		6020_DoD
7440-43-9	Cadmium	0.30	U	Q	6020_DoD
7440-47-3	Chromium	1.0	U		6020_DoD
7440-48-4	Cobalt	0.050	U	Q	6020_DoD
7440-50-8	Copper	0.50	U	Q	6020_DoD
7439-89-6	Iron	20	U		6020_DoD
7439-95-4	Magnesium	22	U		6020_DoD
7439-96-5	Manganese	0.30	U	Q	6020_DoD
7440-23-5	Sodium	55	U		6020_DoD
7440-02-0	Nickel	0.35	U		6020_DoD
7439-92-1	Lead	0.419	J	Q	6020_DoD
7440-36-0	Antimony	0.90	U		6020_DoD
7440-28-0	Thallium	0.20	U	Q	6020_DoD
7440-62-2	Vanadium	0.60	U		6020_DoD
7440-66-6	Zinc	2.0	U	Q	6020_DoD
7440-09-7	Potassium	60	U		6020_DoD
7782-49-2	Selenium	1.0	U		6020_DoD

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 180-68756/1-A

Instrument Code: M Batch No.: 70691

CAS No.	Analyte	Concentration	C	Q	Method
7440-22-4	Silver	0.027	U	Q	6020_DoD
7429-90-5	Aluminum	0.53	U		6020_DoD
7440-38-2	Arsenic	0.044	U	Q	6020_DoD
7440-39-3	Barium	0.0196	J	Q	6020_DoD
7440-41-7	Beryllium	0.0088	U	Q	6020_DoD
7440-70-2	Calcium	2.06	J		6020_DoD
7440-43-9	Cadmium	0.027	U	Q	6020_DoD
7440-47-3	Chromium	0.035	U		6020_DoD
7440-48-4	Cobalt	0.00558	J	Q	6020_DoD
7440-50-8	Copper	0.053	U	Q	6020_DoD
7439-89-6	Iron	1.8	U		6020_DoD
7439-95-4	Magnesium	1.8	U		6020_DoD
7439-96-5	Manganese	0.027	U	Q	6020_DoD
7440-23-5	Sodium	4.4	U		6020_DoD
7440-02-0	Nickel	0.027	U		6020_DoD
7439-92-1	Lead	0.027	U	Q	6020_DoD
7440-36-0	Antimony	0.088	U		6020_DoD
7440-28-0	Thallium	0.018	U	Q	6020_DoD
7440-62-2	Vanadium	0.053	U		6020_DoD
7440-66-6	Zinc	0.18	U	Q	6020_DoD
7440-09-7	Potassium	5.3	U		6020_DoD
7782-49-2	Selenium	0.088	U		6020_DoD

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 180-68865/1-A

Instrument Code: M Batch No.: 70691

CAS No.	Analyte	Concentration	C	Q	Method
7440-22-4	Silver	0.026	U	Q	6020_DoD
7429-90-5	Aluminum	0.51	U		6020_DoD
7440-38-2	Arsenic	0.043	U	Q	6020_DoD
7440-39-3	Barium	0.0125	J	Q	6020_DoD
7440-41-7	Beryllium	0.0085	U	Q	6020_DoD
7440-70-2	Calcium	2.14	J		6020_DoD
7440-43-9	Cadmium	0.026	U	Q	6020_DoD
7440-47-3	Chromium	0.034	U		6020_DoD
7440-48-4	Cobalt	0.0085	U	Q	6020_DoD
7440-50-8	Copper	0.051	U	Q	6020_DoD
7439-89-6	Iron	1.7	U		6020_DoD
7439-95-4	Magnesium	1.7	U		6020_DoD
7439-96-5	Manganese	0.0473	J	Q	6020_DoD
7440-23-5	Sodium	4.3	U		6020_DoD
7440-02-0	Nickel	0.026	U		6020_DoD
7439-92-1	Lead	0.026	U	Q	6020_DoD
7440-36-0	Antimony	0.085	U		6020_DoD
7440-28-0	Thallium	0.017	U	Q	6020_DoD
7440-62-2	Vanadium	0.051	U		6020_DoD
7440-66-6	Zinc	0.17	U	Q	6020_DoD
7440-09-7	Potassium	5.1	U		6020_DoD
7782-49-2	Selenium	0.085	U		6020_DoD

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 180-68762/1-A

Instrument Code: M Batch No.: 70828

CAS No.	Analyte	Concentration	C	Q	Method
7440-22-4	Silver	0.027	U		6020_DoD
7429-90-5	Aluminum	0.54	U		6020_DoD
7440-38-2	Arsenic	0.045	U		6020_DoD
7440-39-3	Barium	0.018	U	Q	6020_DoD
7440-41-7	Beryllium	0.0090	U	Q	6020_DoD
7440-70-2	Calcium	2.3	U		6020_DoD
7440-43-9	Cadmium	0.027	U	Q	6020_DoD
7440-47-3	Chromium	0.036	U		6020_DoD
7440-48-4	Cobalt	0.0090	U	Q	6020_DoD
7440-50-8	Copper	0.054	U	Q	6020_DoD
7439-89-6	Iron	1.8	U		6020_DoD
7439-95-4	Magnesium	1.8	U		6020_DoD
7439-96-5	Manganese	0.027	U	Q	6020_DoD
7440-23-5	Sodium	4.5	U		6020_DoD
7440-02-0	Nickel	0.027	U		6020_DoD
7439-92-1	Lead	0.027	U	Q	6020_DoD
7440-36-0	Antimony	0.090	U		6020_DoD
7440-28-0	Thallium	0.018	U		6020_DoD
7440-62-2	Vanadium	0.054	U		6020_DoD
7440-66-6	Zinc	0.18	U	Q	6020_DoD
7440-09-7	Potassium	5.4	U		6020_DoD
7782-49-2	Selenium	0.090	U		6020_DoD

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 180-68853/1-A

Instrument Code: M Batch No.: 70828

CAS No.	Analyte	Concentration	C	Q	Method
7440-22-4	Silver	0.026	U		6020_DoD
7429-90-5	Aluminum	0.52	U		6020_DoD
7440-38-2	Arsenic	0.043	U		6020_DoD
7440-39-3	Barium	0.0156	J	Q	6020_DoD
7440-41-7	Beryllium	0.0087	U	Q	6020_DoD
7440-70-2	Calcium	1.85	J		6020_DoD
7440-43-9	Cadmium	0.026	U	Q	6020_DoD
7440-47-3	Chromium	0.035	U		6020_DoD
7440-48-4	Cobalt	0.0087	U	Q	6020_DoD
7440-50-8	Copper	0.052	U	Q	6020_DoD
7439-89-6	Iron	1.7	U		6020_DoD
7439-95-4	Magnesium	1.7	U		6020_DoD
7439-96-5	Manganese	0.026	U	Q	6020_DoD
7440-23-5	Sodium	4.3	U		6020_DoD
7440-02-0	Nickel	0.026	U		6020_DoD
7439-92-1	Lead	0.026	U	Q	6020_DoD
7440-36-0	Antimony	0.0887	J		6020_DoD
7440-28-0	Thallium	0.017	U		6020_DoD
7440-62-2	Vanadium	0.052	U		6020_DoD
7440-66-6	Zinc	0.0601	J	Q	6020_DoD
7440-09-7	Potassium	5.2	U		6020_DoD
7782-49-2	Selenium	0.087	U		6020_DoD

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICSA 180-70691/9 Instrument ID: M

Lab File ID: M30501A.xml ICS Source: MICSAX_00029

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	**100000**	**97050**	**97**
Antimony		**0.535**	
Arsenic		**0.914**	
Barium		**0.999**	
Beryllium		**0.264**	
Cadmium		**0.501**	
Calcium	**100000**	**98470**	**98**
Chromium		**0.0980**	
Cobalt		**0.324**	
Copper		**1.57**	
Iron	**100000**	**97500**	**98**
Lead		**0.721**	
Magnesium	**100000**	**97720**	**98**
Manganese		**1.08**	
Nickel		**0.0370**	
Potassium	**100000**	**97770**	**98**
Selenium		**0.578**	
Silver		**2.08**	
Sodium	**100000**	**100000**	**100**
Thallium		**0.308**	
Vanadium		**-0.230**	
Zinc		**4.17**	
Boron		*-0.669*	
Molybdenum	*2000*	*2131*	*107*
Silicon		*29.9*	
Strontium		*4.55*	
Tin		*1.43*	
Titanium	*2000*	*2200*	*110*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICSAB 180-70691/10 Instrument ID: M

Lab File ID: M30501A.xml ICS Source: MICSABX_00033

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Aluminum	**100000**	**95053**	**95**
Antimony	**20.0**	**19.4**	**97**
Arsenic	**20.0**	**22.4**	**112**
Barium	**20.0**	**20.1**	**101**
Beryllium	**20.0**	**18.8**	**94**
Cadmium	**20.0**	**19.2**	**96**
Calcium	**100000**	**100700**	**101**
Chromium	**20.0**	**19.9**	**100**
Cobalt	**20.0**	**20.1**	**101**
Copper	**20.0**	**20.6**	**103**
Iron	**100000**	**102633**	**103**
Lead	**20.0**	**20.6**	**103**
Magnesium	**100000**	**95647**	**96**
Manganese	**22.5**	**21.4**	**95**
Nickel	**20.0**	**19.6**	**98**
Potassium	**100000**	**99540**	**100**
Selenium	**50.0**	**53.8**	**108**
Silver	**20.0**	**23.3**	**116**
Sodium	**100000**	**97370**	**97**
Thallium	**20.0**	**20.4**	**102**
Vanadium	**20.0**	**20.1**	**100**
Zinc	**25.0**	**23.9**	**96**
Boron	*50.0*	*44.7*	*89*
Molybdenum	*2000*	*2168*	*108*
Silicon	*500*	*498*	*100*
Strontium	*25.0*	*25.5*	*102*
Tin	*100*	*98.4*	*98*
Titanium	*2000*	*2244*	*112*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICSA 180-70828/8 Instrument ID: M

Lab File ID: M30502A.xml ICS Source: MICSAX_00029

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	**100000**	**98810**	**99**
Antimony		**0.398**	
Arsenic		**0.295**	
Barium		**0.651**	
Beryllium		**0.110**	
Cadmium		**0.490**	
Calcium	**100000**	**104300**	**104**
Chromium		**-0.0420**	
Cobalt		**0.241**	
Copper		**1.60**	
Iron	**100000**	**104800**	**105**
Lead		**0.817**	
Magnesium	**100000**	**99630**	**100**
Manganese		**0.825**	
Nickel		**-0.147**	
Potassium	**100000**	**101100**	**101**
Selenium		**0.447**	
Silver		**0.193**	
Sodium	**100000**	**100300**	**100**
Thallium		**0.177**	
Vanadium		**-0.348**	
Zinc		**4.02**	
Boron		*0.956*	
Molybdenum	*2000*	*2225*	*111*
Silicon		*28.2*	
Strontium		*5.00*	
Tin		*0.977*	
Titanium	*2000*	*2243*	*112*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Lab Sample ID: ICSAB 180-70828/9 Instrument ID: M

Lab File ID: M30502A.xml ICS Source: MICSABX_00033

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Aluminum	**100000**	**95357**	**95**
Antimony	**20.0**	**19.4**	**97**
Arsenic	**20.0**	**21.9**	**109**
Barium	**20.0**	**20.3**	**102**
Beryllium	**20.0**	**19.5**	**98**
Cadmium	**20.0**	**19.5**	**97**
Calcium	**100000**	**101267**	**101**
Chromium	**20.0**	**19.9**	**100**
Cobalt	**20.0**	**20.0**	**100**
Copper	**20.0**	**20.8**	**104**
Iron	**100000**	**101300**	**101**
Lead	**20.0**	**20.8**	**104**
Magnesium	**100000**	**96657**	**97**
Manganese	**22.5**	**21.5**	**95**
Nickel	**20.0**	**18.8**	**94**
Potassium	**100000**	**98707**	**99**
Selenium	**50.0**	**50.2**	**100**
Silver	**20.0**	**19.4**	**97**
Sodium	**100000**	**97047**	**97**
Thallium	**20.0**	**20.1**	**101**
Vanadium	**20.0**	**19.7**	**99**
Zinc	**25.0**	**24.2**	**97**
Boron	*50.0*	*46.1*	*92*
Molybdenum	*2000*	*2166*	*108*
Silicon	*500*	*490*	*98*
Strontium	*25.0*	*25.6*	*103*
Tin	*100*	*99.1*	*99*
Titanium	*2000*	*2174*	*109*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 073SD-0045-0001,0002-SO MS
Lab ID: 240-22648-10 MS
Lab Name: TestAmerica Canton
Job No.: 240-22648-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 39.2

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	0.540		0.072	J	0.464	101	80-120		7471/DOD

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 073SW-0056-0001M,0002-SW MS Lab ID: 240-22648-15 MS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Matrix: Water Concentration Units: ug/L

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	0.988		0.20	U	1.00	99	80-120		7470A/DOD

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 079SB-0061M-0001,0002-SO MS Lab ID: 240-22648-27 MS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	0.191		0.035	U	0.175	109	80-120		7471/DOD

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 079SB-0070M-0001,0002-SO MS Lab ID: 240-22648-37 MS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	0.179		0.033	U	0.167	107	80-120		7471/DOD

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 079SB-0072M-0001,0002-SO MS Lab ID: 240-22648-39 MS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	0.161		0.029	U	0.147	110	80-120		7471/DOD

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 073SD-0045-0001,0002-SO MS
Lab ID: 240-22648-10 MS
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22648-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 39.2

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Silver	10.7		0.090	J	12.3	87	75-125	Q	6020/DOD
Aluminum	20600		12000		491	1858	70-130	4	6020/DOD
Arsenic	17.3		11		9.82	66	23-131	Q	6020/DOD
Barium	588		140		491	91	10-199	Q	6020/DOD
Beryllium	10.3		0.64		12.3	79	58-112	Q	6020/DOD
Calcium	14000		4000		12300	81	70-130		6020/DOD
Cadmium	10.6		0.71		12.3	80	58-110	Q	6020/DOD
Chromium	66.1		15		49.1	105	10-199		6020/DOD
Cobalt	122		9.9		123	91	55-110	Q	6020/DOD
Copper	73.6		19		61.3	89	10-199	Q	6020/DOD
Iron	27200		27000		245	155	70-130	4	6020/DOD
Magnesium	13400		2400		12300	90	70-130		6020/DOD
Manganese	2100		2300		123	-143	10-199	Q 4	6020/DOD
Sodium	10800		110		12300	87	70-130		6020/DOD
Nickel	133		20		123	92	10-176		6020/DOD
Lead	26.5		21		4.91	107	10-199	Q 4	6020/DOD
Antimony	49.8		0.24	U	123	41	75-125	J	6020/DOD
Thallium	11.6		0.22	J	12.3	93	82-110	Q	6020/DOD
Vanadium	146		21		123	102	39-129		6020/DOD
Zinc	187		84		123	84	10-199	Q	6020/DOD
Potassium	12300		730		12300	94	70-130		6020/DOD
Selenium	2.84		0.87	J	2.45	80	39-116		6020/DOD

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS - TOTAL RECOVERABLE

Client ID: 073SW-0056-0001M,0002-SW MS Lab ID: 240-22648-15 MS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Matrix: Water Concentration Units: ug/L

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Silver	48.9		2.5		50.0	93	10-139	Q	6020/DOD
Aluminum	1770		150		2000	81	63-128		6020/DOD
Arsenic	33.4		0.50	U	40.0	83	82-123	Q	6020/DOD
Barium	1820		15		2000	90	45-144	Q	6020/DOD
Beryllium	49.3		0.090	U	50.0	99	77-124	Q	6020/DOD
Calcium	68300		26000		50000	84	70-130		6020/DOD
Cadmium	47.7		0.30	U	50.0	95	78-117	Q	6020/DOD
Chromium	181		2.4		200	89	72-110		6020/DOD
Cobalt	441		0.090	J	500	88	67-114	Q	6020/DOD
Copper	217		2.6		250	86	60-123	Q	6020/DOD
Iron	1320		410		1000	91	22-169		6020/DOD
Magnesium	46600		6400		50000	80	70-130		6020/DOD
Manganese	561		95		500	93	10-172	Q	6020/DOD
Sodium	60500		20000		50000	81	80-120		6020/DOD
Nickel	439		0.40	J	500	88	72-111		6020/DOD
Lead	19.4		0.47	J	20.0	95	73-115	Q	6020/DOD
Antimony	465		0.90	U	500	93	44-153		6020/DOD
Thallium	47.1		0.20	U	50.0	94	69-117	Q	6020/DOD
Vanadium	447		0.60	U	500	89	70-112		6020/DOD
Zinc	435		1.8	J	500	87	49-156	Q	6020/DOD
Potassium	44400		1500		50000	86	70-130		6020/DOD
Selenium	8.59		1.0	U	10.0	86	72-148		6020/DOD

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 079SB-0061M-0001,0002-SO MS Lab ID: 240-22648-27 MS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Silver	4.09		0.037	J	4.85	83	75-125		6020/DOD
Aluminum	15200		11000		194	1967	70-130	4	6020/DOD
Arsenic	12.3		8.8		3.88	90	23-131		6020/DOD
Barium	248		79		194	87	10-199	Q	6020/DOD
Beryllium	4.63		0.56		4.85	84	58-112	Q	6020/DOD
Calcium	12200		8600		4850	73	70-130		6020/DOD
Cadmium	4.07		0.20		4.85	80	58-110	Q	6020/DOD
Chromium	36.4		17		19.4	103	10-199		6020/DOD
Cobalt	51.5		10		48.5	85	55-110	Q	6020/DOD
Copper	39.0		18		24.3	85	10-199	Q	6020/DOD
Iron	25600		24000		97.1	1789	70-130	4	6020/DOD
Magnesium	8540		3900		4850	96	70-130		6020/DOD
Manganese	369		350		48.5	39	10-199	Q 4	6020/DOD
Sodium	4390		51		4850	89	70-130		6020/DOD
Nickel	66.6		27		48.5	83	10-176		6020/DOD
Lead	13.4		11		1.94	103	10-199	Q 4	6020/DOD
Antimony	12.9		0.096	U	48.5	27	75-125	J	6020/DOD
Thallium	4.33		0.17		4.85	86	82-110		6020/DOD
Vanadium	66.6		19		48.5	98	39-129		6020/DOD
Zinc	90.0		50		48.5	82	10-199	Q	6020/DOD
Potassium	5650		1300		4850	90	70-130		6020/DOD
Selenium	0.838		0.26	J	0.971	60	39-116		6020/DOD

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 079SB-0070M-0001,0002-SO MS Lab ID: 240-22648-37 MS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Silver	4.06		0.029	J	4.95	82	75-125		6020/DOD
Aluminum	13900		11000		198	1544	70-130	4	6020/DOD
Arsenic	13.2		10		3.96	78	23-131		6020/DOD
Barium	231		60		198	86	10-199	Q	6020/DOD
Beryllium	4.48		0.54		4.95	79	58-112	Q	6020/DOD
Calcium	14500		7600		4950	140	70-130	J	6020/DOD
Cadmium	4.11		0.16		4.95	80	58-110	Q	6020/DOD
Chromium	35.0		15		19.8	99	10-199		6020/DOD
Cobalt	53.4		10		49.5	87	55-110	Q	6020/DOD
Copper	38.7		18		24.8	82	10-199	Q	6020/DOD
Iron	24800		24000		99.0	592	70-130	4	6020/DOD
Magnesium	8930		4300		4950	93	70-130		6020/DOD
Manganese	320		260		49.5	119	10-199	Q 4	6020/DOD
Sodium	4460		50		4950	89	70-130		6020/DOD
Nickel	66.4		25		49.5	84	10-176		6020/DOD
Lead	13.3		11		1.98	125	10-199	Q 4	6020/DOD
Antimony	14.8		0.098	U	49.5	30	75-125	J	6020/DOD
Thallium	4.45		0.15		4.95	87	82-110		6020/DOD
Vanadium	63.6		17		49.5	95	39-129		6020/DOD
Zinc	98.8		62		49.5	75	10-199	Q	6020/DOD
Potassium	5630		1100		4950	91	70-130		6020/DOD
Selenium	0.909		0.21	J	0.990	71	39-116		6020/DOD

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 079SB-0072M-0001,0002-SO MS Lab ID: 240-22648-39 MS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Silver	3.93		0.026	J	4.63	84	75-125		6020/DOD
Aluminum	15600		13000		185	1559	70-130	4	6020/DOD
Arsenic	12.9		11		3.70	62	23-131		6020/DOD
Barium	230		67		185	88	10-199	Q	6020/DOD
Beryllium	4.24		0.63		4.63	78	58-112	Q	6020/DOD
Calcium	15300		13000		4630	49	70-130	J	6020/DOD
Cadmium	3.85		0.15		4.63	80	58-110	Q	6020/DOD
Chromium	35.1		17		18.5	97	10-199		6020/DOD
Cobalt	50.4		11		46.3	84	55-110	Q	6020/DOD
Copper	37.0		19		23.1	77	10-199	Q	6020/DOD
Iron	25500		26000		92.6	-508	70-130	4	6020/DOD
Magnesium	9140		5100		4630	88	70-130		6020/DOD
Manganese	336		310		46.3	65	10-199	Q 4	6020/DOD
Sodium	4240		76		4630	90	70-130		6020/DOD
Nickel	63.2		26		46.3	81	10-176		6020/DOD
Lead	13.6		12		1.85	98	10-199	Q 4	6020/DOD
Antimony	14.1		0.046	J	46.3	30	75-125	J	6020/DOD
Thallium	4.46		0.18		4.63	93	82-110		6020/DOD
Vanadium	63.3		19		46.3	96	39-129		6020/DOD
Zinc	88.5		57		46.3	68	10-199	Q	6020/DOD
Potassium	5750		1400		4630	94	70-130		6020/DOD
Selenium	0.861		0.25	J	0.926	66	39-116		6020/DOD

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: 073SD-0045-0001,0002-SO PDS Lab ID: 240-22648-10 PDS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Silver	12.5		0.090	J	12.2	102	80-120	Q	6020/DOD
Aluminum	11800		12000		486	57	80-120		6020/DOD
Arsenic	19.6		11		9.72	90	80-120	Q	6020/DOD
Barium	607		140		486	96	80-120	Q	6020/DOD
Beryllium	11.0		0.64		12.2	85	80-120	Q	6020/DOD
Calcium	15600		4000		12200	95	80-120		6020/DOD
Cadmium	11.6		0.71		12.2	90	80-120	Q	6020/DOD
Chromium	64.8		15		48.6	103	80-120		6020/DOD
Cobalt	136		9.9		122	104	80-120	Q	6020/DOD
Copper	81.4		19		60.8	102	80-120	Q	6020/DOD
Iron	27100		27000		243	150	80-120		6020/DOD
Magnesium	13800		2400		12200	94	80-120		6020/DOD
Manganese	2410		2300		122	117	80-120	Q	6020/DOD
Sodium	11800		110		12200	96	80-120		6020/DOD
Nickel	146		20		122	104	80-120		6020/DOD
Lead	25.9		21		4.86	96	80-120	Q	6020/DOD
Antimony	107		0.24	U	122	88	80-120		6020/DOD
Thallium	12.4		0.22	J	12.2	101	80-120	Q	6020/DOD
Vanadium	147		21		122	104	80-120		6020/DOD
Zinc	191		84		122	87	80-120	Q	6020/DOD
Potassium	12600		730		12200	98	80-120		6020/DOD
Selenium	3.00		0.87	J	2.43	88	80-120		6020/DOD

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VB - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS - TOTAL RECOVERABLE

Client ID: 073SW-0056-0001M,0002-SW PDS Lab ID: 240-22648-15 PDS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Matrix: Water Concentration Units: ug/L

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Silver	52.0		2.5		50.0	99	80-120	Q	6020/DOD
Aluminum	1760		150		2000	80	80-120		6020/DOD
Arsenic	35.3		0.50	U	40.0	88	80-120	Q	6020/DOD
Barium	1930		15		2000	96	80-120	Q	6020/DOD
Beryllium	51.7		0.090	U	50.0	103	80-120	Q	6020/DOD
Calcium	70200		26000		50000	87	80-120		6020/DOD
Cadmium	49.7		0.30	U	50.0	99	80-120	Q	6020/DOD
Chromium	192		2.4		200	95	80-120		6020/DOD
Cobalt	462		0.090	J	500	92	80-120	Q	6020/DOD
Copper	227		2.6		250	90	80-120	Q	6020/DOD
Iron	1360		410		1000	94	80-120		6020/DOD
Magnesium	47300		6400		50000	82	80-120		6020/DOD
Manganese	588		95		500	99	80-120	Q	6020/DOD
Sodium	61500		20000		50000	83	80-120		6020/DOD
Nickel	457		0.40	J	500	91	80-120		6020/DOD
Lead	20.7		0.47	J	20.0	101	80-120	Q	6020/DOD
Antimony	493		0.90	U	500	99	80-120		6020/DOD
Thallium	50.5		0.20	U	50.0	101	80-120	Q	6020/DOD
Vanadium	474		0.60	U	500	95	80-120		6020/DOD
Zinc	454		1.8	J	500	91	80-120	Q	6020/DOD
Potassium	45500		1500		50000	88	80-120		6020/DOD
Selenium	9.56		1.0	U	10.0	96	80-120		6020/DOD

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VB - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: 079SB-0061M-0001,0002-SO PDS Lab ID: 240-22648-27 PDS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Silver	4.87		0.037	J	4.81	100	80-120		6020/DOD
Aluminum	11700		11000		192	140	80-120		6020/DOD
Arsenic	12.5		8.8		3.85	96	80-120		6020/DOD
Barium	256		79		192	92	80-120	Q	6020/DOD
Beryllium	4.62		0.56		4.81	84	80-120	Q	6020/DOD
Calcium	13500		8600		4810	102	80-120		6020/DOD
Cadmium	4.43		0.20		4.81	88	80-120	Q	6020/DOD
Chromium	35.6		17		19.2	99	80-120		6020/DOD
Cobalt	57.5		10		48.1	99	80-120	Q	6020/DOD
Copper	41.9		18		24.0	98	80-120	Q	6020/DOD
Iron	24600		24000		96.2	760	80-120		6020/DOD
Magnesium	8770		3900		4810	102	80-120		6020/DOD
Manganese	410		350		48.1	124	80-120	Q	6020/DOD
Sodium	5070		51		4810	104	80-120		6020/DOD
Nickel	72.3		27		48.1	95	80-120		6020/DOD
Lead	13.3		11		1.92	95	80-120	Q	6020/DOD
Antimony	40.4		0.096	U	48.1	84	80-120		6020/DOD
Thallium	5.03		0.17		4.81	101	80-120		6020/DOD
Vanadium	66.6		19		48.1	99	80-120		6020/DOD
Zinc	91.6		50		48.1	86	80-120	Q	6020/DOD
Potassium	6030		1300		4810	99	80-120		6020/DOD
Selenium	1.04		0.26	J	0.962	81	80-120		6020/DOD

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VB - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: 079SB-0070M-0001,0002-SO PDS Lab ID: 240-22648-37 PDS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Silver	5.08		0.029	J	4.90	103	80-120		6020/DOD
Aluminum	10800		11000		196	-25	80-120		6020/DOD
Arsenic	13.5		10		3.92	86	80-120		6020/DOD
Barium	252		60		196	98	80-120	Q	6020/DOD
Beryllium	5.03		0.54		4.90	91	80-120	Q	6020/DOD
Calcium	12500		7600		4900	100	80-120		6020/DOD
Cadmium	4.64		0.16		4.90	92	80-120	Q	6020/DOD
Chromium	35.3		15		19.6	102	80-120		6020/DOD
Cobalt	60.9		10		49.0	103	80-120	Q	6020/DOD
Copper	42.9		18		24.5	100	80-120	Q	6020/DOD
Iron	24300		24000		98.0	90	80-120		6020/DOD
Magnesium	9030		4300		4900	96	80-120		6020/DOD
Manganese	312		260		49.0	105	80-120	Q	6020/DOD
Sodium	4960		50		4900	100	80-120		6020/DOD
Nickel	73.6		25		49.0	100	80-120		6020/DOD
Lead	12.7		11		1.96	94	80-120	Q	6020/DOD
Antimony	43.1		0.098	U	49.0	88	80-120		6020/DOD
Thallium	5.31		0.15		4.90	105	80-120		6020/DOD
Vanadium	67.5		17		49.0	104	80-120		6020/DOD
Zinc	105		62		49.0	90	80-120	Q	6020/DOD
Potassium	5900		1100		4900	98	80-120		6020/DOD
Selenium	1.11		0.21	J	0.980	91	80-120		6020/DOD

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VB - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: 079SB-0072M-0001,0002-SO PDS Lab ID: 240-22648-39 PDS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Silver	4.76		0.026	J	4.76	99	80-120		6020/DOD
Aluminum	12800		13000		190	40	80-120		6020/DOD
Arsenic	14.1		11		3.81	92	80-120		6020/DOD
Barium	249		67		190	95	80-120	Q	6020/DOD
Beryllium	4.80		0.63		4.76	88	80-120	Q	6020/DOD
Calcium	18200		13000		4760	108	80-120		6020/DOD
Cadmium	4.40		0.15		4.76	89	80-120	Q	6020/DOD
Chromium	37.4		17		19.0	106	80-120		6020/DOD
Cobalt	61.1		11		47.6	105	80-120	Q	6020/DOD
Copper	42.9		19		23.8	100	80-120	Q	6020/DOD
Iron	26500		26000		95.2	580	80-120		6020/DOD
Magnesium	9780		5100		4760	99	80-120		6020/DOD
Manganese	364		310		47.6	124	80-120	Q	6020/DOD
Sodium	4930		76		4760	102	80-120		6020/DOD
Nickel	73.6		26		47.6	100	80-120		6020/DOD
Lead	13.9		12		1.90	113	80-120	Q	6020/DOD
Antimony	41.4		0.046	J	47.6	87	80-120		6020/DOD
Thallium	5.33		0.18		4.76	108	80-120		6020/DOD
Vanadium	69.6		19		47.6	106	80-120		6020/DOD
Zinc	99.3		57		47.6	89	80-120	Q	6020/DOD
Potassium	6160		1400		4760	100	80-120		6020/DOD
Selenium	1.13		0.25	J	0.952	93	80-120		6020/DOD

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VB - IN

6-IN
DUPLICATES
METALS

Client ID: 073SD-0045-0001,0002-SO DU Lab ID: 240-22648-10 DU

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

% Solids for Sample: 51.0 % Solids for Duplicate: 51.0

Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Mercury	0.21	0.072	J	0.0581	J	22		7471/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: 073SW-0056-0001M,0002-SW DU Lab ID: 240-22648-15 DU

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Water Concentration Units: ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Mercury	0.20	0.20	U	0.20	U	NC		7470A/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: 079SB-0061M-0001,0002-SO DU Lab ID: 240-22648-27 DU

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Mercury	0.11	0.035	U	0.035	U	NC		7471/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: 079SB-0070M-0001,0002-SO DU Lab ID: 240-22648-37 DU

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Mercury	0.10	0.033	U	0.033	U	NC		7471/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: 079SB-0072M-0001,0002-SO DU Lab ID: 240-22648-39 DU

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Mercury	0.088	0.029	U	0.0132	J	NC		7471/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: 073SD-0045-0001,0002-SO DU Lab ID: 240-22648-10 DU

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

% Solids for Sample: 51.0 % Solids for Duplicate: 51.0

Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Silver	0.19	0.090	J	0.0734	J	20	Q	6020/DOD
Aluminum	5.8	12000		9040		24	J	6020/DOD
Arsenic	0.19	11		7.80		32	Q J	6020/DOD
Barium	1.9	140		107		29	Q J	6020/DOD
Beryllium	0.19	0.64		0.466		31	Q	6020/DOD
Calcium	19	4000		3060		26	J	6020/DOD
Cadmium	0.19	0.71		0.557		24	Q	6020/DOD
Chromium	0.38	15		11.4		25	J	6020/DOD
Cobalt	0.096	9.9		7.45		28	Q J	6020/DOD
Copper	0.38	19		14.6		27	Q J	6020/DOD
Iron	9.6	27000		20100		28	J	6020/DOD
Magnesium	19	2400		1830		25	J	6020/DOD
Manganese	0.96	2300		1470		43	Q J	6020/DOD
Sodium	19	110		84.5		22	J	6020/DOD
Nickel	0.19	20		15.3		27	J	6020/DOD
Lead	0.19	21		16.5		25	Q J	6020/DOD
Antimony	0.38	0.24	U	0.19	U	NC		6020/DOD
Thallium	0.19	0.22	J	0.177	J	23	Q	6020/DOD
Vanadium	0.19	21		16.1		26	J	6020/DOD
Zinc	0.96	84		64.2		27	Q J	6020/DOD
Potassium	19	730		562		25	J	6020/DOD
Selenium	0.96	0.87	J	0.647	J	29		6020/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS - TOTAL RECOVERABLE

Client ID: 073SW-0056-0001M,0002-SW DU Lab ID: 240-22648-15 DU

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Water Concentration Units: ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Silver	1.0	2.5		1.48		52	Q J	6020/DOD
Aluminum	30	150		146		3		6020/DOD
Arsenic	1.0	0.50	U	0.343	J	NC	Q	6020/DOD
Barium	10	15		15.2		0.8	Q	6020/DOD
Beryllium	1.0	0.090	U	0.090	U	NC	Q	6020/DOD
Calcium	100	26000		25800		2		6020/DOD
Cadmium	1.0	0.30	U	0.30	U	NC	Q	6020/DOD
Chromium	2.0	2.4		2.32		4		6020/DOD
Cobalt	0.50	0.090	J	0.0820	J	9	Q	6020/DOD
Copper	2.0	2.6		1.06	J	86	Q	6020/DOD
Iron	50	410		411		0.8		6020/DOD
Magnesium	100	6400		6180		4		6020/DOD
Manganese	5.0	95		101		6	Q	6020/DOD
Sodium	100	20000		19100		5		6020/DOD
Nickel	1.0	0.40	J	0.309	J	25		6020/DOD
Lead	1.0	0.47	J	0.283	J	50	Q	6020/DOD
Antimony	2.0	0.90	U	0.90	U	NC		6020/DOD
Thallium	1.0	0.20	U	0.20	U	NC	Q	6020/DOD
Vanadium	1.0	0.60	U	0.60	U	NC		6020/DOD
Zinc	5.0	1.8	J	1.38	J	24	Q	6020/DOD
Potassium	100	1500		1410		5		6020/DOD
Selenium	5.0	1.0	U	1.0	U	NC		6020/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: 079SB-0061M-0001,0002-SO DU Lab ID: 240-22648-27 DU

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Silver	0.096	0.037	J	0.0363	J	2		6020/DOD
Aluminum	2.9	11000		11500		1		6020/DOD
Arsenic	0.096	8.8		9.36		6		6020/DOD
Barium	0.96	79		80.0		1	Q	6020/DOD
Beryllium	0.096	0.56		0.603		8	Q	6020/DOD
Calcium	9.6	8600		6760		24	J	6020/DOD
Cadmium	0.096	0.20		0.179		12	Q	6020/DOD
Chromium	0.19	17		16.9		3		6020/DOD
Cobalt	0.048	10		10.8		6	Q	6020/DOD
Copper	0.19	18		19.7		7	Q	6020/DOD
Iron	4.8	24000		24600		3		6020/DOD
Magnesium	9.6	3900		3970		2		6020/DOD
Manganese	0.48	350		359		2	Q	6020/DOD
Sodium	9.6	51		49.1		3		6020/DOD
Nickel	0.096	27		27.1		2		6020/DOD
Lead	0.096	11		11.7		2	Q	6020/DOD
Antimony	0.19	0.096	U	0.096	U	NC		6020/DOD
Thallium	0.096	0.17		0.168		3		6020/DOD
Vanadium	0.096	19		19.4		3		6020/DOD
Zinc	0.48	50		54.7		9	Q	6020/DOD
Potassium	9.6	1300		1140		12		6020/DOD
Selenium	0.48	0.26	J	0.300	J	15		6020/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: 079SB-0070M-0001,0002-SO DU Lab ID: 240-22648-37 DU

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Silver	0.097	0.029	J	0.0321	J	12		6020/DOD
Aluminum	2.9	11000		10800		0.6		6020/DOD
Arsenic	0.097	10		10.3		0.8		6020/DOD
Barium	0.97	60		59.1		1	Q	6020/DOD
Beryllium	0.097	0.54		0.539		1	Q	6020/DOD
Calcium	9.7	7600		9360		21	J	6020/DOD
Cadmium	0.097	0.16		0.151		4	Q	6020/DOD
Chromium	0.19	15		15.5		0.9		6020/DOD
Cobalt	0.049	10		11.0		7	Q	6020/DOD
Copper	0.19	18		18.7		1	Q	6020/DOD
Iron	4.9	24000		24600		2		6020/DOD
Magnesium	9.7	4300		4400		2		6020/DOD
Manganese	0.49	260		277		6	Q	6020/DOD
Sodium	9.7	50		51.4		2		6020/DOD
Nickel	0.097	25		25.6		3		6020/DOD
Lead	0.097	11		11.1		3	Q	6020/DOD
Antimony	0.19	0.098	U	0.097	U	NC		6020/DOD
Thallium	0.097	0.15		0.150		0.5		6020/DOD
Vanadium	0.097	17		16.5		0.4		6020/DOD
Zinc	0.49	62		61.5		0.07	Q	6020/DOD
Potassium	9.7	1100		1090		2		6020/DOD
Selenium	0.49	0.21	J	0.250	J	17		6020/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: 079SB-0072M-0001,0002-SO DU Lab ID: 240-22648-39 DU

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Silver	0.092	0.026	J	0.0239	J	9		6020/DOD
Aluminum	2.8	13000		12800		0.6		6020/DOD
Arsenic	0.092	11		10.9		3		6020/DOD
Barium	0.92	67		66.7		0.4	Q	6020/DOD
Beryllium	0.092	0.63		0.639		2	Q	6020/DOD
Calcium	9.2	13000		12400		5		6020/DOD
Cadmium	0.092	0.15		0.157		5	Q	6020/DOD
Chromium	0.18	17		17.6		2		6020/DOD
Cobalt	0.046	11		11.8		4	Q	6020/DOD
Copper	0.18	19		19.6		2	Q	6020/DOD
Iron	4.6	26000		26800		3		6020/DOD
Magnesium	9.2	5100		5070		0.3		6020/DOD
Manganese	0.46	310		314		3	Q	6020/DOD
Sodium	9.2	76		73.4		3		6020/DOD
Nickel	0.092	26		26.9		4		6020/DOD
Lead	0.092	12		12.5		6	Q	6020/DOD
Antimony	0.18	0.046	J	0.092	U	NC		6020/DOD
Thallium	0.092	0.18		0.179		0.5		6020/DOD
Vanadium	0.092	19		19.5		2		6020/DOD
Zinc	0.46	57		58.9		3	Q	6020/DOD
Potassium	9.2	1400		1420		0.008		6020/DOD
Selenium	0.46	0.25	J	0.288	J	14		6020/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 240-80775/2-A

Lab Name: TestAmerica Canton Job No.: 240-22648-1

Sample Matrix: Water LCS Source: MTHGCALW_00348

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	5.00	4.20		84	80	120		7470A/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 240-81005/2-A

Lab Name: TestAmerica Canton Job No.: 240-22648-1

Sample Matrix: Solid LCS Source: MTHGCALW_00349

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	0.833	0.872		105	80	120		7471/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 240-81357/2-A

Lab Name: TestAmerica Canton Job No.: 240-22648-1

Sample Matrix: Solid LCS Source: MTHGCALW_00351

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	0.833	0.827		99	80	120		7471/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 240-81137/2-A

Lab Name: TestAmerica Canton Job No.: 240-22648-1

Sample Matrix: Solid LCS Source: MTHGCALW_00350

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	0.833	0.830		100	80	120		7471/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 240-81154/2-A

Lab Name: TestAmerica Canton Job No.: 240-22648-1

Sample Matrix: Solid LCS Source: MTHGCALW_00350

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	0.833	0.839		101	80	120		7471/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS - TOTAL RECOVERABLE

Lab ID: LCS 180-68743/2-A

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

Sample Matrix: Water LCS Source: MTAPITTICPMS_00014

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Silver	50.0	54.3		109	80	120	Q	6020/DOD
Aluminum	2000	1720		86	80	120		6020/DOD
Arsenic	40.0	35.0		88	80	120	Q	6020/DOD
Barium	2000	1840		92	80	120	Q	6020/DOD
Beryllium	50.0	50.6		101	80	120	Q	6020/DOD
Calcium	50000	45700		91	80	120		6020/DOD
Cadmium	50.0	48.0		96	80	120	Q	6020/DOD
Chromium	200	191		96	80	120		6020/DOD
Cobalt	500	464		93	80	120	Q	6020/DOD
Copper	250	230		92	80	120	Q	6020/DOD
Iron	1000	961		96	80	120		6020/DOD
Magnesium	50000	44700		89	80	120		6020/DOD
Manganese	500	490		98	80	120	Q	6020/DOD
Sodium	50000	45300		91	80	120		6020/DOD
Nickel	500	461		92	80	120		6020/DOD
Lead	20.0	19.7		98	80	120	Q	6020/DOD
Antimony	500	470		94	80	120		6020/DOD
Thallium	50.0	47.4		95	80	120	Q	6020/DOD
Vanadium	500	474		95	80	120		6020/DOD
Zinc	500	454		91	80	120	Q	6020/DOD
Potassium	50000	46600		93	80	120		6020/DOD
Selenium	10.0	9.66		97	80	120		6020/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 180-68865/2-A

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

Sample Matrix: Solid LCS Source: MTAPITTICPMS_00014

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Silver	4.50	4.19		93	60	114	Q	6020/DOD
Aluminum	180	163		90	80	120		6020/DOD
Arsenic	3.60	3.00		83	73	110	Q	6020/DOD
Barium	180	163		90	70	110	Q	6020/DOD
Beryllium	4.50	3.86		86	79	110	Q	6020/DOD
Calcium	4500	4120		91	80	120		6020/DOD
Cadmium	4.50	3.89		86	74	110	Q	6020/DOD
Chromium	18.0	17.8		99	70	110		6020/DOD
Cobalt	45.0	44.6		99	74	110	Q	6020/DOD
Copper	22.5	22.6		100	73	110	Q	6020/DOD
Iron	90.1	90.6		101	80	120		6020/DOD
Magnesium	4500	4060		90	80	120		6020/DOD
Manganese	45.0	43.9		97	80	120	Q	6020/DOD
Sodium	4500	4060		90	80	120		6020/DOD
Nickel	45.0	45.2		100	75	110		6020/DOD
Lead	1.80	1.70		94	75	110	Q	6020/DOD
Antimony	45.0	38.5		85	68	113		6020/DOD
Thallium	4.50	4.19		93	71	110	Q	6020/DOD
Vanadium	45.0	44.6		99	72	110		6020/DOD
Zinc	45.0	37.3		83	72	113	Q	6020/DOD
Potassium	4500	4170		93	80	120		6020/DOD
Selenium	0.901	0.912		101	65	110		6020/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 180-68756/2-A

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

Sample Matrix: Solid LCS Source: MTAPITTICPMS_00014

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Silver	4.85	4.49		92	60	114	Q	6020/DOD
Aluminum	194	176		90	80	120		6020/DOD
Arsenic	3.88	3.24		83	73	110	Q	6020/DOD
Barium	194	177		91	70	110	Q	6020/DOD
Beryllium	4.85	4.14		85	79	110	Q	6020/DOD
Calcium	4850	4200		87	80	120		6020/DOD
Cadmium	4.85	4.13		85	74	110	Q	6020/DOD
Chromium	19.4	18.4		95	70	110		6020/DOD
Cobalt	48.5	47.3		97	74	110	Q	6020/DOD
Copper	24.3	24.0		99	73	110	Q	6020/DOD
Iron	97.1	113		117	80	120		6020/DOD
Magnesium	4850	4330		89	80	120		6020/DOD
Manganese	48.5	45.3		93	80	120	Q	6020/DOD
Sodium	4850	4410		91	80	120		6020/DOD
Nickel	48.5	48.2		99	75	110		6020/DOD
Lead	1.94	1.74		90	75	110	Q	6020/DOD
Antimony	48.5	42.1		87	68	113		6020/DOD
Thallium	4.85	4.35		90	71	110	Q	6020/DOD
Vanadium	48.5	46.1		95	72	110		6020/DOD
Zinc	48.5	39.9		82	72	113	Q	6020/DOD
Potassium	4850	4400		91	80	120		6020/DOD
Selenium	0.971	0.945		97	65	110		6020/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 180-68762/2-A

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

Sample Matrix: Solid LCS Source: MTAPITTICPMS_00014

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Silver	4.85	4.39		90	60	114		6020/DOD
Aluminum	194	180		93	80	120		6020/DOD
Arsenic	3.88	3.19		82	73	110		6020/DOD
Barium	194	176		90	70	110	Q	6020/DOD
Beryllium	4.85	4.19		86	79	110	Q	6020/DOD
Calcium	4850	4260		88	80	120		6020/DOD
Cadmium	4.85	4.12		85	74	110	Q	6020/DOD
Chromium	19.4	18.0		93	70	110		6020/DOD
Cobalt	48.5	45.9		95	74	110	Q	6020/DOD
Copper	24.3	23.5		97	73	110	Q	6020/DOD
Iron	97.1	90.5		93	80	120		6020/DOD
Magnesium	4850	4540		94	80	120		6020/DOD
Manganese	48.5	44.9		93	80	120	Q	6020/DOD
Sodium	4850	4580		94	80	120		6020/DOD
Nickel	48.5	45.5		94	75	110		6020/DOD
Lead	1.94	1.77		91	75	110	Q	6020/DOD
Antimony	48.5	41.3		85	68	113		6020/DOD
Thallium	4.85	4.39		90	71	110		6020/DOD
Vanadium	48.5	45.6		94	72	110		6020/DOD
Zinc	48.5	40.1		83	72	113	Q	6020/DOD
Potassium	4850	4440		91	80	120		6020/DOD
Selenium	0.971	0.798		82	65	110		6020/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 180-68853/2-A

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

Sample Matrix: Solid LCS Source: MTAPITTICPMS_00014

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Silver	4.85	4.54		94	60	114		6020/DOD
Aluminum	194	188		97	80	120		6020/DOD
Arsenic	3.88	3.32		85	73	110		6020/DOD
Barium	194	180		93	70	110	Q	6020/DOD
Beryllium	4.85	4.17		86	79	110	Q	6020/DOD
Calcium	4850	4510		93	80	120		6020/DOD
Cadmium	4.85	4.14		85	74	110	Q	6020/DOD
Chromium	19.4	19.1		98	70	110		6020/DOD
Cobalt	48.5	48.8		100	74	110	Q	6020/DOD
Copper	24.3	24.8		102	73	110	Q	6020/DOD
Iron	97.1	96.2		99	80	120		6020/DOD
Magnesium	4850	4730		98	80	120		6020/DOD
Manganese	48.5	47.6		98	80	120	Q	6020/DOD
Sodium	4850	4770		98	80	120		6020/DOD
Nickel	48.5	48.6		100	75	110		6020/DOD
Lead	1.94	1.82		94	75	110	Q	6020/DOD
Antimony	48.5	41.3		85	68	113		6020/DOD
Thallium	4.85	4.55		94	71	110		6020/DOD
Vanadium	48.5	48.3		100	72	110		6020/DOD
Zinc	48.5	40.4		83	72	113	Q	6020/DOD
Potassium	4850	4700		97	80	120		6020/DOD
Selenium	0.971	0.791		81	65	110		6020/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 240-22648-10

SDG No:

Lab Name: TestAmerica Pittsburgh Job No: 240-22648-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Silver	0.090	J	0.36	U	NC	Q	6020/DOD
Aluminum	12000		11800		2.6	D	6020/DOD
Arsenic	11		10.7		0.55	Q D	6020/DOD
Barium	140		144		0.58	Q D	6020/DOD
Beryllium	0.64		0.695	J	NC	Q D	6020/DOD
Calcium	4000		4030		1.2	D	6020/DOD
Cadmium	0.71		0.750	J	NC	Q D	6020/DOD
Chromium	15		14.1		3.4	D	6020/DOD
Cobalt	9.9		9.56		3.1	Q D	6020/DOD
Copper	19		19.4		1.3	Q D	6020/DOD
Iron	27000		26300		1.7	D	6020/DOD
Magnesium	2400		2400		1.5	D	6020/DOD
Manganese	2300		2230		2.0	Q D	6020/DOD
Sodium	110		119	J	NC	D	6020/DOD
Nickel	20		19.5		2.4	D	6020/DOD
Lead	21		20.0		6.1	Q D	6020/DOD
Antimony	0.24	U	1.2	U	NC		6020/DOD
Thallium	0.22	J	0.203	J	NC	Q D	6020/DOD
Vanadium	21		20.7		0.65	D	6020/DOD
Zinc	84		93.4		11	Q V D	6020/DOD
Potassium	730		703		3.2	D	6020/DOD
Selenium	0.87	J	1.2	U	NC		6020/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS - TOTAL RECOVERABLE

Lab ID: 240-22648-15

SDG No:

Lab Name: TestAmerica Pittsburgh Job No: 240-22648-1

Matrix: Water Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Silver	2.5		1.12	J	NC	D Q	6020/DOD
Aluminum	150		164		8.9	D	6020/DOD
Arsenic	0.50	U	2.5	U	NC	Q	6020/DOD
Barium	15		15.2	J	0.53	D Q	6020/DOD
Beryllium	0.090	U	0.45	U	NC	Q	6020/DOD
Calcium	26000		26400		0.00	D	6020/DOD
Cadmium	0.30	U	1.5	U	NC	Q	6020/DOD
Chromium	2.4		5.0	U	NC		6020/DOD
Cobalt	0.090	J	0.25	U	NC	Q	6020/DOD
Copper	2.6		5.73	J	NC	D Q	6020/DOD
Iron	410		418		NC	D	6020/DOD
Magnesium	6400		6710		4.7	D	6020/DOD
Manganese	95		96.9		2.0	D Q	6020/DOD
Sodium	20000		20400		2.1	D	6020/DOD
Nickel	0.40	J	1.8	U	NC		6020/DOD
Lead	0.47	J	2.03	J	NC	D Q	6020/DOD
Antimony	0.90	U	4.5	U	NC		6020/DOD
Thallium	0.20	U	1.0	U	NC	Q	6020/DOD
Vanadium	0.60	U	3.0	U	NC		6020/DOD
Zinc	1.8	J	7.48	J	NC	D Q	6020/DOD
Potassium	1500		1540		NC	D	6020/DOD
Selenium	1.0	U	5.0	U	NC		6020/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 240-22648-27

SDG No:

Lab Name: TestAmerica Pittsburgh Job No: 240-22648-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Silver	0.037	J	0.14	U	NC		6020/DOD
Aluminum	11000		11900		4.4	D	6020/DOD
Arsenic	8.8		8.99		2.0	D	6020/DOD
Barium	79		81.4		3.3	Q D	6020/DOD
Beryllium	0.56		0.653		18	Q V D	6020/DOD
Calcium	8600		8440		2.3	D	6020/DOD
Cadmium	0.20		0.226	J	NC	Q D	6020/DOD
Chromium	17		16.5		0.12	D	6020/DOD
Cobalt	10		9.99		1.0	Q D	6020/DOD
Copper	18		19.1		3.8	Q D	6020/DOD
Iron	24000		23700		0.91	D	6020/DOD
Magnesium	3900		3970		2.3	D	6020/DOD
Manganese	350		334		4.8	Q D	6020/DOD
Sodium	51		51.7		NC	D	6020/DOD
Nickel	27		27.3		2.8	D	6020/DOD
Lead	11		11.0		3.7	Q D	6020/DOD
Antimony	0.096	U	0.48	U	NC		6020/DOD
Thallium	0.17		0.168	J	NC	D	6020/DOD
Vanadium	19		18.8		0.31	D	6020/DOD
Zinc	50		55.6		11	Q V D	6020/DOD
Potassium	1300		1340		5.1	D	6020/DOD
Selenium	0.26	J	0.48	U	NC		6020/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 240-22648-37

SDG No:

Lab Name: TestAmerica Pittsburgh Job No: 240-22648-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Silver	0.029	J	0.15	U	NC		6020/DOD
Aluminum	11000		11100		2.8	D	6020/DOD
Arsenic	10		10.3		1.7	D	6020/DOD
Barium	60		61.2		2.0	Q D	6020/DOD
Beryllium	0.54		0.652		20	Q V D	6020/DOD
Calcium	7600		7300		3.5	D	6020/DOD
Cadmium	0.16		0.171	J	NC	Q D	6020/DOD
Chromium	15		15.3		0.48	D	6020/DOD
Cobalt	10		10.1		2.1	Q D	6020/DOD
Copper	18		18.7		1.3	Q D	6020/DOD
Iron	24000		23800		1.7	D	6020/DOD
Magnesium	4300		4360		0.44	D	6020/DOD
Manganese	260		245		6.2	Q D	6020/DOD
Sodium	50		50.2		NC	D	6020/DOD
Nickel	25		25.3		2.3	D	6020/DOD
Lead	11		10.2		5.6	Q D	6020/DOD
Antimony	0.098	U	0.49	U	NC		6020/DOD
Thallium	0.15		0.139	J	NC	D	6020/DOD
Vanadium	17		16.4		0.45	D	6020/DOD
Zinc	62		67.9		10	Q D	6020/DOD
Potassium	1100		1140		3.0	D	6020/DOD
Selenium	0.21	J	0.49	U	NC		6020/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 240-22648-39

SDG No:

Lab Name: TestAmerica Pittsburgh Job No: 240-22648-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Silver	0.026	J	0.14	U	NC		6020/DOD
Aluminum	13000		13200		3.6	D	6020/DOD
Arsenic	11		10.6		0.14	D	6020/DOD
Barium	67		68.4		2.1	Q D	6020/DOD
Beryllium	0.63		0.658		4.7	Q D	6020/DOD
Calcium	13000		12600		3.0	D	6020/DOD
Cadmium	0.15		0.192	J	NC	Q D	6020/DOD
Chromium	17		17.1		1.0	D	6020/DOD
Cobalt	11		11.0		2.6	Q D	6020/DOD
Copper	19		19.3		0.77	Q D	6020/DOD
Iron	26000		25500		1.7	D	6020/DOD
Magnesium	5100		5110		1.2	D	6020/DOD
Manganese	310		287		6.1	Q D	6020/DOD
Sodium	76		77.8		NC	D	6020/DOD
Nickel	26		26.4		1.7	D	6020/DOD
Lead	12		11.4		2.7	Q D	6020/DOD
Antimony	0.046	J	0.48	U	NC		6020/DOD
Thallium	0.18		0.163	J	NC	D	6020/DOD
Vanadium	19		18.7		2.0	D	6020/DOD
Zinc	57		63.9		12	Q V D	6020/DOD
Potassium	1400		1480		4.3	D	6020/DOD
Selenium	0.25	J	0.48	U	NC		6020/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Canton Job Number: 240-22648-1

SDG Number:

Matrix: Water Instrument ID: H1

Method: 7470A/DOD DL Date: 02/16/2010 09:31

Prep Method: 7470A

Analyte	Wavelength/ Mass	LOQ (ug/L)	DL (ug/L)
Mercury	253.7	0.2	0.12

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Canton Job Number: 240-22648-1

SDG Number:

Matrix: Water Instrument ID: H1

Method: 7470A/DOD XMDL Date: 02/16/2010 09:31

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury	253.7	0.2	0.12

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Canton Job Number: 240-22648-1

SDG Number:

Matrix: Solid Instrument ID: H1

Method: 7471/DOD DL Date: 02/16/2010 09:46

Prep Method: 7471A

Analyte	Wavelength/ Mass	LOQ (mg/Kg)	DL (mg/Kg)
Mercury	253.7	0.1	0.014

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Canton Job Number: 240-22648-1

SDG Number:

Matrix: Solid Instrument ID: H1

Method: 7471/DOD XMDL Date: 02/16/2010 09:47

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury	253.7	0.2	0.12

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Canton Job Number: 240-22648-1

SDG Number:

Matrix: Solid Instrument ID: H1

Method: 7471/DOD DL Date: 02/16/2010 09:46

Prep Method: 7471A

Leach Method: Increment, Prep

Analyte	Wavelength/ Mass	LOQ (mg/Kg)	DL (mg/Kg)
Mercury	253.7	0.1	0.014

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Canton Job Number: 240-22648-1

SDG Number:

Matrix: Solid Instrument ID: H1

Method: 7471/DOD XMDL Date: 02/16/2010 09:47

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury	253.7	0.2	0.12

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Canton Job Number: 240-22648-1

SDG Number:

Matrix: Solid Instrument ID: H4

Method: 7471/DOD DL Date: 02/16/2010 09:46

Prep Method: 7471A

Leach Method: Increment, Prep

Analyte	Wavelength/ Mass	LOQ (mg/Kg)	DL (mg/Kg)
Mercury	253.7	0.1	0.014

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Canton Job Number: 240-22648-1

SDG Number:

Matrix: Solid Instrument ID: H4

Method: 7471/DOD XMDL Date: 02/16/2010 09:47

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury	253.7	0.2	0.12

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Pittsburgh Job Number: 240-22648-1

SDG Number:

Matrix: Solid Instrument ID: M

Method: 6020/DOD DL Date: 01/26/2010 16:34

Prep Method: 3050B

Analyte	Wavelength/ Mass	LOQ (mg/Kg)	DL (mg/Kg)
Aluminum	27	3	0.2849
Antimony	121	0.2	0.0459
Arsenic	75	0.1	0.0181
Barium	137	1	0.0107
Beryllium	9	0.1	0.0075
Cadmium	111	0.1	0.0132
Calcium	44	10	1.326
Chromium	52	0.2	0.0223
Cobalt	59	0.05	0.0024
Copper	65	0.2	0.033
Iron	56	5	1.077
Lead	208	0.1	0.0154
Magnesium	26	10	1.079
Manganese	55	0.5	0.0159
Nickel	60	0.1	0.0113
Potassium	39	10	3.155
Selenium	82	0.5	0.0509
Silver	107	0.1	0.0114
Sodium	23	10	2.658
Thallium	205	0.1	0.0102
Vanadium	51	0.1	0.0299
Zinc	66	0.5	0.0648

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Pittsburgh Job Number: 240-22648-1

SDG Number:

Matrix: Solid Instrument ID: M

Method: 6020/DOD XMDL Date: 01/26/2010 16:34

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Aluminum	27	30	2.5662
Antimony	121	2	0.459
Arsenic	75	1	0.2908
Barium	137	10	0.098
Beryllium	9	1	0.0451
Cadmium	111	1	0.132
Calcium	44	100	9.357
Chromium	52	2	0.5433
Cobalt	59	0.5	0.0263
Copper	65	2	0.2443
Iron	56	50	10.77
Lead	208	1	0.154
Magnesium	26	100	10.8
Manganese	55	5	0.159
Nickel	60	1	0.1749
Potassium	39	100	31.6
Selenium	82	5	0.509
Silver	107	1	0.114
Sodium	23	100	26.8
Thallium	205	1	0.102
Vanadium	51	1	0.299
Zinc	66	5	0.9609

9-IN
DETECTION LIMITS
METALS - TOTAL RECOVERABLE

Lab Name: TestAmerica Pittsburgh Job Number: 240-22648-1

SDG Number:

Matrix: Water Instrument ID: M

Method: 6020/DOD DL Date: 01/26/2010 16:35

Prep Method: 3005A

Analyte	Wavelength/ Mass	LOQ (ug/L)	DL (ug/L)
Aluminum	27	30	2.5662
Antimony	121	2	0.459
Arsenic	75	1	0.2908
Barium	137	10	0.098
Beryllium	9	1	0.0451
Cadmium	111	1	0.132
Calcium	44	100	9.357
Chromium	52	2	0.5433
Cobalt	59	0.5	0.0263
Copper	65	2	0.2443
Iron	56	50	10.77
Lead	208	1	0.154
Magnesium	26	100	10.8
Manganese	55	5	0.159
Nickel	60	1	0.1749
Potassium	39	100	31.6
Selenium	82	5	0.509
Silver	107	1	0.114
Sodium	23	100	26.8
Thallium	205	1	0.102
Vanadium	51	1	0.299
Zinc	66	5	0.9609

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TOTAL RECOVERABLE

Lab Name: TestAmerica Pittsburgh Job Number: 240-22648-1

SDG Number:

Matrix: Water Instrument ID: M

Method: 6020/DOD XMDL Date: 01/26/2010 16:35

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Aluminum	27	30	2.5662
Antimony	121	2	0.459
Arsenic	75	1	0.2908
Barium	137	10	0.098
Beryllium	9	1	0.0451
Cadmium	111	1	0.132
Calcium	44	100	9.357
Chromium	52	2	0.5433
Cobalt	59	0.5	0.0263
Copper	65	2	0.2443
Iron	56	50	10.77
Lead	208	1	0.154
Magnesium	26	100	10.8
Manganese	55	5	0.159
Nickel	60	1	0.1749
Potassium	39	100	31.6
Selenium	82	5	0.509
Silver	107	1	0.114
Sodium	23	100	26.8
Thallium	205	1	0.102
Vanadium	51	1	0.299
Zinc	66	5	0.9609

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Canton Job No: 240-22648-1

SDG No.:

Instrument ID: H1 Date: 04/01/2011 10:45

Analyte	Integ. Time (Sec.)	Concentration (ppb)	Method
Mercury		10	7470A/DOD
Mercury		10	7471/DOD

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Pittsburgh Job No: 240-22648-1

SDG No.:

Instrument ID: M Date: 03/14/2011 22:35

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Silver		2500	6020/DOD
Aluminum		450000	6020/DOD
Arsenic		4500	6020/DOD
Barium		13500	6020/DOD
Beryllium		9000	6020/DOD
Calcium		1500000	6020/DOD
Cadmium		13500	6020/DOD
Chromium		13500	6020/DOD
Cobalt		13500	6020/DOD
Copper		20000	6020/DOD
Iron		450000	6020/DOD
Magnesium		1500000	6020/DOD
Manganese		25000	6020/DOD
Sodium		450000	6020/DOD
Nickel		13500	6020/DOD
Lead		20000	6020/DOD
Antimony		13500	6020/DOD
Thallium		13500	6020/DOD
Vanadium		13500	6020/DOD
Zinc		25000	6020/DOD
Potassium		450000	6020/DOD
Selenium		4500	6020/DOD

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Prep Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 240-80775/1-A	04/05/2013 15:45	80775		100	100
LCS 240-80775/2-A	04/05/2013 15:45	80775		100	100
240-22648-15	04/05/2013 15:45	80775		100	100
240-22648-15 DU	04/05/2013 15:45	80775		100	100
240-22648-15 MS	04/05/2013 15:45	80775		100	100
240-22648-16	04/05/2013 15:45	80775		100	100
240-22648-17	04/05/2013 15:45	80775		100	100
240-22648-18	04/05/2013 15:45	80775		100	100
240-22648-21	04/05/2013 15:45	80775		100	100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Prep Method: 7471A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 240-81005/1-A	04/08/2013 14:45	81005	0.60		100
LCS 240-81005/2-A	04/08/2013 14:45	81005	0.60		100
240-22648-1	04/08/2013 14:45	81005	0.55		100
240-22648-2	04/08/2013 14:45	81005	0.54		100
240-22648-3	04/08/2013 14:45	81005	0.60		100
240-22648-4	04/08/2013 14:45	81005	0.67		100
240-22648-5	04/08/2013 14:45	81005	0.59		100
240-22648-6	04/08/2013 14:45	81005	0.65		100
240-22648-7	04/08/2013 14:45	81005	0.56		100
240-22648-8	04/08/2013 14:45	81005	0.67		100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Prep Method: 7471A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 240-81137/1-A	04/09/2013 14:40	81137	0.60		100
LCS 240-81137/2-A	04/09/2013 14:40	81137	0.60		100
240-22648-10	04/09/2013 14:40	81137	0.55		100
240-22648-10 DU	04/09/2013 14:40	81137	0.55		100
240-22648-10 MS	04/09/2013 14:40	81137	0.55		100
240-22648-27	04/09/2013 14:40	81137	0.57		100
240-22648-27 DU	04/09/2013 14:40	81137	0.57		100
240-22648-27 MS	04/09/2013 14:40	81137	0.57		100
240-22648-9	04/09/2013 14:40	81137	0.57		100
240-22648-11	04/09/2013 14:40	81137	0.63		100
240-22648-12	04/09/2013 14:40	81137	0.57		100
240-22648-13	04/09/2013 14:40	81137	0.58		100
240-22648-14	04/09/2013 14:40	81137	0.55		100
240-22648-22	04/09/2013 14:40	81137	0.63		100
240-22648-23	04/09/2013 14:40	81137	0.59		100
240-22648-24	04/09/2013 14:40	81137	0.63		100
240-22648-25	04/09/2013 14:40	81137	0.58		100
240-22648-26	04/09/2013 14:40	81137	0.55		100
240-22648-28	04/09/2013 14:40	81137	0.56		100
240-22648-29	04/09/2013 14:40	81137	0.53		100
240-22648-30	04/09/2013 14:40	81137	0.65		100
240-22648-31	04/09/2013 14:40	81137	0.59		100
240-22648-32	04/09/2013 14:40	81137	0.65		100
240-22648-33	04/09/2013 14:40	81137	0.63		100
240-22648-34	04/09/2013 14:40	81137	0.55		100
240-22648-35	04/09/2013 14:40	81137	0.58		100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Prep Method: 7471A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 240-81154/1-A	04/09/2013 14:40	81154	0.60		100
LCS 240-81154/2-A	04/09/2013 14:40	81154	0.60		100
240-22648-37	04/09/2013 14:40	81154	0.60		100
240-22648-37 DU	04/09/2013 14:40	81154	0.60		100
240-22648-37 MS	04/09/2013 14:40	81154	0.60		100
240-22648-39	04/09/2013 14:40	81154	0.68		100
240-22648-39 DU	04/09/2013 14:40	81154	0.68		100
240-22648-39 MS	04/09/2013 14:40	81154	0.68		100
240-22648-36	04/09/2013 14:40	81154	0.51		100
240-22648-38	04/09/2013 14:40	81154	0.61		100
240-22648-40	04/09/2013 14:40	81154	0.63		100
240-22648-41	04/09/2013 14:40	81154	0.58		100
240-22648-42	04/09/2013 14:40	81154	0.62		100
240-22648-43	04/09/2013 14:40	81154	0.57		100
240-22648-44	04/09/2013 14:40	81154	0.53		100
240-22648-45	04/09/2013 14:40	81154	0.59		100
240-22648-46	04/09/2013 14:40	81154	0.60		100
240-22648-47	04/09/2013 14:40	81154	0.60		100
240-22648-48	04/09/2013 14:40	81154	0.55		100
240-22648-49	04/09/2013 14:40	81154	0.65		100
240-22648-50	04/09/2013 14:40	81154	0.58		100
240-22648-51	04/09/2013 14:40	81154	0.59		100
240-22648-52	04/09/2013 14:40	81154	0.62		100
240-22648-53	04/09/2013 14:40	81154	0.61		100
240-22648-54	04/09/2013 14:40	81154	0.54		100
240-22648-55	04/09/2013 14:40	81154	0.60		100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Prep Method: 7471A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 240-81357/1-A	04/10/2013 14:15	81357	0.60		100
LCS 240-81357/2-A	04/10/2013 14:15	81357	0.60		100
240-22648-56	04/10/2013 14:15	81357	0.53		100
240-22648-57	04/10/2013 14:15	81357	0.66		100
240-22648-58	04/10/2013 14:15	81357	0.59		100
240-22648-59	04/10/2013 14:15	81357	0.70		100
240-22648-60	04/10/2013 14:15	81357	0.63		100
240-22648-61	04/10/2013 14:15	81357	0.62		100
240-22648-62	04/10/2013 14:15	81357	0.54		100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Prep Method: 3005A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 180-68743/1-A	04/10/2013 07:41	68743		50	50
LCS 180-68743/2-A	04/10/2013 07:41	68743		50	50
240-22648-15	04/10/2013 07:41	68743		50	50
240-22648-15 DU	04/10/2013 07:41	68743		50	50
240-22648-15 MS	04/10/2013 07:41	68743		50	50
240-22648-16	04/10/2013 07:41	68743		50	50
240-22648-17	04/10/2013 07:41	68743		50	50
240-22648-18	04/10/2013 07:41	68743		50	50
240-22648-21	04/10/2013 07:41	68743		50	50

FORM XII-IN

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 180-68756/1-A	04/10/2013 09:43	68756	00001.13		100
LCS 180-68756/2-A	04/10/2013 09:43	68756	00001.03		100
240-22648-1	04/10/2013 09:43	68756	00001.00		100
240-22648-2	04/10/2013 09:43	68756	00001.01		100
240-22648-3	04/10/2013 09:43	68756	00001.02		100
240-22648-4	04/10/2013 09:43	68756	00001.01		100
240-22648-5	04/10/2013 09:43	68756	00001.02		100
240-22648-6	04/10/2013 09:43	68756	00001.05		100
240-22648-7	04/10/2013 09:43	68756	00001.01		100
240-22648-8	04/10/2013 09:43	68756	00001.05		100
240-22648-9	04/10/2013 09:43	68756	00001.03		100
240-22648-10	04/10/2013 09:43	68756	00001.05		100
240-22648-10 DU	04/10/2013 09:43	68756	00001.02		100
240-22648-10 MS	04/10/2013 09:43	68756	00001.04		100
240-22648-11	04/10/2013 09:43	68756	00001.00		100
240-22648-12	04/10/2013 09:43	68756	00001.01		100
240-22648-13	04/10/2013 09:43	68756	00001.00		100
240-22648-14	04/10/2013 09:43	68756	00001.03		100
240-22648-22	04/10/2013 09:43	68756	00001.03		100
240-22648-23	04/10/2013 09:43	68756	00001.04		100
240-22648-24	04/10/2013 09:43	68756	00001.02		100
240-22648-25	04/10/2013 09:43	68756	00001.04		100
240-22648-26	04/10/2013 09:43	68756	00001.04		100

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PREPARATION LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 180-68762/1-A	04/10/2013 10:05	68762	00001.11		100
LCS 180-68762/2-A	04/10/2013 10:05	68762	00001.03		100
240-22648-27	04/10/2013 10:05	68762	00001.04		100
240-22648-27 DU	04/10/2013 10:05	68762	00001.04		100
240-22648-27 MS	04/10/2013 10:05	68762	00001.03		100
240-22648-28	04/10/2013 10:05	68762	00001.05		100
240-22648-29	04/10/2013 10:05	68762	00001.00		100
240-22648-30	04/10/2013 10:05	68762	00001.00		100
240-22648-31	04/10/2013 10:05	68762	00001.03		100
240-22648-32	04/10/2013 10:05	68762	00001.05		100
240-22648-33	04/10/2013 10:05	68762	00001.00		100
240-22648-34	04/10/2013 10:05	68762	00001.02		100
240-22648-35	04/10/2013 10:05	68762	00001.01		100
240-22648-36	04/10/2013 10:05	68762	00001.04		100
240-22648-37	04/10/2013 10:05	68762	00001.02		100
240-22648-37 DU	04/10/2013 10:05	68762	00001.03		100
240-22648-37 MS	04/10/2013 10:05	68762	00001.01		100

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PREPARATION LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 180-68853/1-A	04/11/2013 08:02	68853	00001.15		100
LCS 180-68853/2-A	04/11/2013 08:02	68853	00001.03		100
240-22648-38	04/11/2013 08:02	68853	00001.14		100
240-22648-39	04/11/2013 08:02	68853	00001.05		100
240-22648-39 DU	04/11/2013 08:02	68853	00001.09		100
240-22648-39 MS	04/11/2013 08:02	68853	00001.08		100
240-22648-40	04/11/2013 08:02	68853	00001.09		100
240-22648-41	04/11/2013 08:02	68853	00001.14		100
240-22648-42	04/11/2013 08:02	68853	00001.03		100
240-22648-43	04/11/2013 08:02	68853	00001.05		100
240-22648-44	04/11/2013 08:02	68853	00001.09		100
240-22648-45	04/11/2013 08:02	68853	00001.07		100
240-22648-46	04/11/2013 08:02	68853	00001.15		100
240-22648-47	04/11/2013 08:02	68853	00001.12		100
240-22648-48	04/11/2013 08:02	68853	00001.11		100
240-22648-49	04/11/2013 08:02	68853	00001.05		100
240-22648-50	04/11/2013 08:02	68853	00001.04		100
240-22648-51	04/11/2013 08:02	68853	00001.03		100
240-22648-52	04/11/2013 08:02	68853	00001.05		100
240-22648-53	04/11/2013 08:02	68853	00001.12		100
240-22648-54	04/11/2013 08:02	68853	00001.09		100
240-22648-55	04/11/2013 08:02	68853	00001.09		100
240-22648-56	04/11/2013 08:02	68853	00001.06		100
240-22648-57	04/11/2013 08:02	68853	00001.11		100

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PREPARATION LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 180-68865/1-A	04/11/2013 09:06	68865	00001.17		100
LCS 180-68865/2-A	04/11/2013 09:06	68865	00001.11		100
240-22648-58	04/11/2013 09:06	68865	00001.10		100
240-22648-59	04/11/2013 09:06	68865	00001.03		100
240-22648-60	04/11/2013 09:06	68865	00001.01		100
240-22648-61	04/11/2013 09:06	68865	00001.16		100
240-22648-62	04/11/2013 09:06	68865	00001.08		100

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ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Instrument ID: H1 Method: 7470A/DOD

Start Date: 04/09/2013 10:31 End Date: 04/09/2013 15:43

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
IC 240-80949/1-A			10:31	X																			
IC 240-80949/2-A			10:34	X																			
IC 240-80949/3-A			10:35	X																			
IC 240-80949/4-A			10:37	X																			
IC 240-80949/5-A			10:38	X																			
IC 240-80949/6-A			10:40	X																			
ICV 240-80949/7-A	1		10:41	X																			
ICB 240-80949/8-A	1		10:42	X																			
CRA 240-80949/9-A	1		10:44	X																			
CCVL 240-80949/10-A	1		10:45	X																			
CCB 240-80949/11-A	1		10:47	X																			
MB 240-80775/1-A	1	T	10:48	X																			
LCS 240-80775/2-A	1	T	10:49	X																			
240-22648-15	1	T	10:51	X																			
240-22648-15 DU	1	T	10:53	X																			
240-22648-15 MS	1	T	10:55	X																			
ZZZZZZ			10:57																				
ZZZZZZ			10:58																				
ZZZZZZ			10:59																				
ZZZZZZ			11:01																				
ZZZZZZ			11:02																				
CCV 240-80949/12-A	1		11:03	X																			
CCB 240-80949/11-A	1		11:05	X																			
ZZZZZZ			11:06																				
ZZZZZZ			11:08																				
ZZZZZZ			11:10																				
ZZZZZZ			11:12																				
ZZZZZZ			11:13																				
ZZZZZZ			11:14																				
ZZZZZZ			11:16																				
ZZZZZZ			11:18																				
ZZZZZZ			11:20																				
ZZZZZZ			11:21																				
CCV 240-80949/12-A			11:23																				
CCB 240-80949/11-A			11:24																				
ZZZZZZ			11:26																				
ZZZZZZ			11:27																				
ZZZZZZ			11:29																				
ZZZZZZ			11:30																				
ZZZZZZ			11:31																				
ZZZZZZ			11:33																				
ZZZZZZ			11:34																				

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ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Instrument ID: H1 Method: 7470A/DOD

Start Date: 04/09/2013 10:31 End Date: 04/09/2013 15:43

Lab Sample ID	D / F	Type	Time	Analytes																				
				Hg																				
ZZZZZZ			11:36																					
ZZZZZZ			11:37																					
ZZZZZZ			11:39																					
CCV 240-80949/12-A			11:40																					
CCB 240-80949/11-A			11:41																					
ZZZZZZ			11:43																					
ZZZZZZ			11:44																					
ZZZZZZ			11:46																					
ZZZZZZ			11:48																					
ZZZZZZ			11:49																					
ZZZZZZ			11:50																					
ZZZZZZ			11:52																					
ZZZZZZ			11:53																					
ZZZZZZ			11:55																					
ZZZZZZ			11:57																					
CCV 240-80949/12-A	1		11:58	X																				
CCB 240-80949/11-A	1		12:00	X																				
ZZZZZZ			12:01																					
ZZZZZZ			12:04																					
ZZZZZZ			12:06																					
ZZZZZZ			12:08																					
ZZZZZZ			12:10																					
ZZZZZZ			12:12																					
ZZZZZZ			12:13																					
ZZZZZZ			12:14																					
240-22648-16	1	T	12:16	X																				
CCV 240-80949/12-A	1		12:17	X																				
CCB 240-80949/11-A	1		12:19	X																				
CCV 240-80949/12-A	1		12:53	X																				
CCB 240-80949/11-A	1		12:55	X																				
240-22648-17	1	T	12:57	X																				
240-22648-18	1	T	12:58	X																				
240-22648-21	1	T	13:00	X																				
ZZZZZZ			13:01																					
ZZZZZZ			13:03																					
ZZZZZZ			13:04																					
ZZZZZZ			13:06																					
ZZZZZZ			13:07																					
ZZZZZZ			13:09																					
ZZZZZZ			13:10																					
CCV 240-80949/12-A	1		13:12	X																				
CCB 240-80949/11-A	1		13:14	X																				

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ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Instrument ID: H1 Method: 7470A/DOD

Start Date: 04/09/2013 10:31 End Date: 04/09/2013 15:43

Lab Sample ID	D / F	Type	Time	Analytes																				
				Hg																				
ZZZZZZ			13:15																					
ZZZZZZ			13:16																					
CRA 240-80949/9-A	1		13:21	X																				
CCV 240-80949/12-A			13:22																					
CCB 240-80949/11-A			13:24																					
ZZZZZZ			14:57																					
ZZZZZZ			14:59																					
ZZZZZZ			15:01																					
ZZZZZZ			15:02																					
ZZZZZZ			15:04																					
ZZZZZZ			15:05																					
CCV 240-80949/12-A			15:07																					
CCB 240-80949/11-A			15:08																					
ZZZZZZ			15:10																					
ZZZZZZ			15:12																					
ZZZZZZ			15:13																					
ZZZZZZ			15:15																					
ZZZZZZ			15:16																					
ZZZZZZ			15:17																					
ZZZZZZ			15:19																					
ZZZZZZ			15:20																					
ZZZZZZ			15:22																					
ZZZZZZ			15:24																					
CCV 240-80949/12-A			15:25																					
CCB 240-80949/11-A			15:27																					
ZZZZZZ			15:28																					
ZZZZZZ			15:30																					
ZZZZZZ			15:31																					
ZZZZZZ			15:33																					
ZZZZZZ			15:35																					
ZZZZZZ			15:36																					
ZZZZZZ			15:38																					
ZZZZZZ			15:39																					
CCV 240-80949/12-A			15:41																					
CCB 240-80949/11-A			15:43																					

Prep Types
T = Total/NA

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ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Instrument ID: H1 Method: 7471/DOD

Start Date: 04/11/2013 10:20 End Date: 04/11/2013 13:27

Lab Sample ID	D / F	Type	Time	Analytes																				
				Hg																				
IC 240-81478/1-A			10:20	X																				
IC 240-81478/2-A			10:22	X																				
IC 240-81478/3-A			10:23	X																				
IC 240-81478/4-A			10:25	X																				
IC 240-81478/5-A			10:26	X																				
IC 240-81478/6-A			10:27	X																				
ICV 240-81478/7-A	1		10:30	X																				
ICB 240-81478/8-A	1		10:32	X																				
CRA 240-81478/9-A	1		10:33	X																				
CCV 240-81478/10-A			10:40																					
CCB 240-81478/11-A			10:41																					
ZZZZZZ			10:42																					
ZZZZZZ			10:44																					
ZZZZZZ			10:46																					
ZZZZZZ			10:48																					
ZZZZZZ			10:50																					
CCV 240-81478/10-A	1		10:51	X																				
CCB 240-81478/11-A	1		10:53	X																				
ZZZZZZ			10:55																					
ZZZZZZ			10:56																					
ZZZZZZ			10:57																					
ZZZZZZ			10:59																					
ZZZZZZ			11:00																					
ZZZZZZ			11:02																					
ZZZZZZ			11:03																					
MB 240-81357/1-A	1	T	11:05	X																				
CCV 240-81478/10-A	1		11:06	X																				
CCB 240-81478/11-A	1		11:08	X																				
LCS 240-81357/2-A	1	T	11:10	X																				
ZZZZZZ			11:11																					
ZZZZZZ			11:13																					
ZZZZZZ			11:14																					
ZZZZZZ			11:15																					
ZZZZZZ			11:17																					
ZZZZZZ			11:18																					
ZZZZZZ			11:20																					
ZZZZZZ			11:21																					
ZZZZZZ			11:22																					
CCV 240-81478/10-A	1		11:24	X																				
CCB 240-81478/11-A	1		11:26	X																				
ZZZZZZ			11:27																					
240-22648-56	1	T	11:28	X																				

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ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Instrument ID: H1 Method: 7471/DOD

Start Date: 04/11/2013 10:20 End Date: 04/11/2013 13:27

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
240-22648-57	1	T	11:30	X																			
240-22648-58	1	T	11:32	X																			
240-22648-59	1	T	11:33	X																			
240-22648-60	1	T	11:36	X																			
240-22648-61	1	T	11:37	X																			
240-22648-62	1	T	11:38	X																			
ZZZZZZ			11:40																				
ZZZZZZ			11:41																				
CCV 240-81478/10-A	1		11:42	X																			
CCB 240-81478/11-A	1		11:44	X																			
ZZZZZZ			11:45																				
ZZZZZZ			11:47																				
ZZZZZZ			11:49																				
MB 240-81137/1-A	1	T	11:50	X																			
LCS 240-81137/2-A	1	T	11:51	X																			
240-22648-10	1	T	11:53	X																			
240-22648-10 DU	1	T	11:54	X																			
240-22648-10 MS	1	T	11:56	X																			
240-22648-27	1	T	11:57	X																			
240-22648-27 DU	1	T	11:58	X																			
CCV 240-81478/10-A	1		12:00	X																			
CCB 240-81478/11-A	1		12:01	X																			
240-22648-27 MS	1	T	12:03	X																			
240-22648-9	1	T	12:05	X																			
240-22648-11	1	T	12:06	X																			
240-22648-12	1	T	12:07	X																			
240-22648-13	1	T	12:08	X																			
240-22648-14	1	T	12:10	X																			
240-22648-22	1	T	12:12	X																			
240-22648-23	1	T	12:13	X																			
240-22648-24	1	T	12:14	X																			
240-22648-25	1	T	12:16	X																			
CCV 240-81478/10-A	1		12:17	X																			
CCB 240-81478/11-A	1		12:19	X																			
240-22648-26	1	T	12:20	X																			
240-22648-28	1	T	12:22	X																			
240-22648-29	1	T	12:23	X																			
240-22648-30	1	T	12:24	X																			
240-22648-31	1	T	12:26	X																			
240-22648-32	1	T	12:28	X																			
240-22648-33	1	T	12:29	X																			
240-22648-34	1	T	12:31	X																			

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ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Instrument ID: H1 Method: 7471/DOD

Start Date: 04/11/2013 10:20 End Date: 04/11/2013 13:27

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
240-22648-35	1	T	12:32	X																			
MB 240-81154/1-A	1	T	12:35	X																			
CCV 240-81478/10-A	1		12:36	X																			
CCB 240-81478/11-A	1		12:38	X																			
LCS 240-81154/2-A	1	T	12:40	X																			
240-22648-37	1	T	12:41	X																			
240-22648-37 DU	1	T	12:42	X																			
240-22648-37 MS	1	T	12:44	X																			
240-22648-39	1	T	12:45	X																			
240-22648-39 DU	1	T	12:46	X																			
240-22648-39 MS	1	T	12:48	X																			
240-22648-36	1	T	12:49	X																			
240-22648-38	1	T	12:52	X																			
240-22648-40	1	T	12:54	X																			
CCV 240-81478/10-A	1		12:56	X																			
CCB 240-81478/11-A	1		12:57	X																			
240-22648-41	1	T	12:59	X																			
240-22648-42	1	T	13:00	X																			
240-22648-43	1	T	13:01	X																			
240-22648-44	1	T	13:03	X																			
240-22648-45	1	T	13:05	X																			
240-22648-46	1	T	13:07	X																			
240-22648-47	1	T	13:08	X																			
240-22648-48	1	T	13:09	X																			
240-22648-49	1	T	13:11	X																			
240-22648-50	1	T	13:12	X																			
CCV 240-81478/10-A	1		13:13	X																			
CCB 240-81478/11-A	1		13:15	X																			
240-22648-51	1	T	13:17	X																			
240-22648-52	1	T	13:18	X																			
240-22648-53	1	T	13:20	X																			
240-22648-54	1	T	13:21	X																			
240-22648-55	1	T	13:22	X																			
CCV 240-81478/10-A	1		13:24	X																			
CCB 240-81478/11-A	1		13:26	X																			
CRA 240-81478/9-A	1		13:27	X																			

Prep Types

T = Total/NA

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ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Instrument ID: H4 Method: 7471/DOD

Start Date: 04/09/2013 08:26 End Date: 04/09/2013 11:23

Lab Sample ID	D / F	Type	Time	Analytes																				
				Hg																				
IC 240-80952/1-A			08:26	X																				
IC 240-80952/2-A			08:28	X																				
IC 240-80952/1-A			08:31	X																				
IC 240-80952/2-A			08:32	X																				
IC 240-80952/3-A			08:34	X																				
IC 240-80952/4-A			08:36	X																				
IC 240-80952/5-A			08:38	X																				
IC 240-80952/6-A			08:40	X																				
ICV 240-80952/7-A	1		08:42	X																				
ICB 240-80952/8-A	1		08:44	X																				
CRA 240-80952/9-A	1		08:46	X																				
CCV 240-80952/10-A			09:11																					
CCB 240-80952/11-A			09:12																					
ZZZZZZ			09:14																					
ZZZZZZ			09:16																					
ZZZZZZ			09:18																					
ZZZZZZ			09:21																					
ZZZZZZ			09:23																					
ZZZZZZ			09:25																					
ZZZZZZ			09:27																					
ZZZZZZ			09:28																					
ZZZZZZ			09:31																					
ZZZZZZ			09:33																					
CCV 240-80952/10-A			09:35																					
CCB 240-80952/11-A			09:37																					
ZZZZZZ			09:39																					
ZZZZZZ			09:40																					
ZZZZZZ			09:42																					
ZZZZZZ			09:45																					
ZZZZZZ			09:47																					
ZZZZZZ			09:49																					
ZZZZZZ			09:51																					
ZZZZZZ			09:52																					
ZZZZZZ			09:54																					
ZZZZZZ			09:56																					
CCV 240-80952/10-A	1		09:58	X																				
CCB 240-80952/11-A	1		10:00	X																				
ZZZZZZ			10:03																					
ZZZZZZ			10:05																					
ZZZZZZ			10:07																					
ZZZZZZ			10:09																					
MB 240-81005/1-A	1	T	10:11	X																				

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ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Instrument ID: H4 Method: 7471/DOD

Start Date: 04/09/2013 08:26 End Date: 04/09/2013 11:23

Lab Sample ID	D / F	Type	Time	Analytes																				
				Hg																				
LCS 240-81005/2-A	1	T	10:13	X																				
ZZZZZZ			10:15																					
ZZZZZZ			10:16																					
ZZZZZZ			10:18																					
ZZZZZZ			10:20																					
CCV 240-80952/10-A	1		10:22	X																				
CCB 240-80952/11-A	1		10:24	X																				
ZZZZZZ			10:25																					
ZZZZZZ			10:27																					
ZZZZZZ			10:29																					
ZZZZZZ			10:31																					
ZZZZZZ			10:33																					
ZZZZZZ			10:35																					
ZZZZZZ			10:37																					
ZZZZZZ			10:39																					
ZZZZZZ			10:42																					
ZZZZZZ			10:44																					
CCV 240-80952/10-A	1		10:46	X																				
CCB 240-80952/11-A	1		10:47	X																				
ZZZZZZ			10:49																					
ZZZZZZ			10:51																					
ZZZZZZ			10:53																					
ZZZZZZ			10:55																					
240-22648-1	1	T	10:57	X																				
240-22648-2	1	T	10:59	X																				
240-22648-3	1	T	11:01	X																				
240-22648-4	1	T	11:03	X																				
240-22648-5	1	T	11:05	X																				
240-22648-6	1	T	11:07	X																				
CCV 240-80952/10-A	1		11:08	X																				
CCB 240-80952/11-A	1		11:10	X																				
240-22648-7	1	T	11:12	X																				
240-22648-8	1	T	11:14	X																				
CRA 240-80952/9-A	1		11:17	X																				
CCV 240-80952/10-A	1		11:20	X																				
CCB 240-80952/11-A	1		11:23	X																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 05/01/2013 14:20 End Date: 05/02/2013 08:22

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ITUNE 180-70691/1			14:20																				
STD1 180-70691/2 IC	1		20:36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STD2 180-70691/3 IC	1		20:42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STD3 180-70691/4 IC	1		20:47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICV 180-70691/5	1		20:51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 180-70691/6	1		21:00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CRI 180-70691/7	1		21:08	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CRI 180-70691/8			21:16																				
ICSA 180-70691/9	1		21:24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 180-70691/10	1		21:33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 180-70691/11	1		21:41		X		X					X	X	X			X		X	X			
CCV 180-70691/12	1		21:49						X						X	X		X					
CCV 180-70691/13	1		21:57	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB1 180-70691/14	1		22:06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MB 180-68743/1-A	1	R	22:14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCS 180-68743/2-A	1	R	22:22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-15	1	R	22:30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-15 SD	5	R	22:38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-15 DU	1	R	22:46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-15 MS	1	R	22:55	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-15 PDS	1	R	23:03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-16	1	R	23:11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-17	1	R	23:19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-18	1	R	23:27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 180-70691/25	1		23:36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB2 180-70691/26	1		23:44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-21	1	R	23:52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MB 180-68865/1-A	1	T	00:00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCS 180-68865/2-A	1	T	00:08	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-58	1	T	00:17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-59	1	T	00:25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-60	1	T	00:33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-61	1	T	00:41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-62	1	T	00:49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			00:57																				
ZZZZZZ			01:06																				
CCV 180-70691/37	1		01:14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB3 180-70691/38	1		01:22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			01:30																				
ZZZZZZ			01:39																				
ZZZZZZ			01:47																				
ZZZZZZ			01:55																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 05/01/2013 14:20 End Date: 05/02/2013 08:22

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			02:03																				
ZZZZZZ			02:11																				
ZZZZZZ			02:20																				
ZZZZZZ			02:28																				
ZZZZZZ			02:36																				
ZZZZZZ			02:44																				
CCV 180-70691/49	1		02:52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB4 180-70691/50	1		03:01	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MB 180-68756/1-A	1	T	03:09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCS 180-68756/2-A	1	T	03:17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-1	1	T	03:25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-2	1	T	03:34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-3	1	T	03:42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-4	1	T	03:50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-5	1	T	03:58	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-6	1	T	04:06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-7	1	T	04:15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-8	1	T	04:23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 180-70691/61	1		04:31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB5 180-70691/62	1		04:39	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CRI 180-70691/63			04:47																				
CRI 180-70691/64			04:56																				
CCV 180-70691/65	1		05:04	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB6 180-70691/66	1		05:12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-9	1	T	05:20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-10	1	T	05:29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-10 SD	5	T	05:37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-10 DU	1	T	05:45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-10 MS	1	T	05:53	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-10 PDS	1	T	06:02	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-11	1	T	06:10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-12	1	T	06:18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-13	1	T	06:26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-14	1	T	06:35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 180-70691/77	1		06:43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB7 180-70691/78	1		06:51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-22	1	T	06:59	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-23	1	T	07:08	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-24	1	T	07:16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-25	1	T	07:24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-26	1	T	07:32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 180-70691/84	1		07:41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 05/01/2013 14:20 End Date: 05/02/2013 08:22

Lab Sample ID	D / F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
CCB8 180-70691/85	1		07:49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CRI 180-70691/86			07:57																				
CRI 180-70691/87	1		08:05	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 180-70691/88	1		08:14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB9 180-70691/89	1		08:22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 05/01/2013 14:20 End Date: 05/02/2013 08:22

Lab Sample ID	D / F	Type	Time	Analytes																				
				V	Zn																			
ITUNE 180-70691/1			14:20																					
STD1 180-70691/2 IC	1		20:36	X	X																			
STD2 180-70691/3 IC	1		20:42	X	X																			
STD3 180-70691/4 IC	1		20:47	X	X																			
ICV 180-70691/5	1		20:51	X	X																			
ICB 180-70691/6	1		21:00	X	X																			
CRI 180-70691/7	1		21:08	X	X																			
CRI 180-70691/8			21:16																					
ICSA 180-70691/9	1		21:24	X	X																			
ICSAB 180-70691/10	1		21:33	X	X																			
CCV 180-70691/11	1		21:41		X																			
CCV 180-70691/12	1		21:49																					
CCV 180-70691/13	1		21:57	X	X																			
CCB1 180-70691/14	1		22:06	X	X																			
MB 180-68743/1-A	1	R	22:14	X	X																			
LCS 180-68743/2-A	1	R	22:22	X	X																			
240-22648-15	1	R	22:30	X	X																			
240-22648-15 SD	5	R	22:38	X	X																			
240-22648-15 DU	1	R	22:46	X	X																			
240-22648-15 MS	1	R	22:55	X	X																			
240-22648-15 PDS	1	R	23:03	X	X																			
240-22648-16	1	R	23:11	X	X																			
240-22648-17	1	R	23:19	X	X																			
240-22648-18	1	R	23:27	X	X																			
CCV 180-70691/25	1		23:36	X	X																			
CCB2 180-70691/26	1		23:44	X	X																			
240-22648-21	1	R	23:52	X	X																			
MB 180-68865/1-A	1	T	00:00	X	X																			
LCS 180-68865/2-A	1	T	00:08	X	X																			
240-22648-58	1	T	00:17	X	X																			
240-22648-59	1	T	00:25	X	X																			
240-22648-60	1	T	00:33	X	X																			
240-22648-61	1	T	00:41	X	X																			
240-22648-62	1	T	00:49	X	X																			
ZZZZZZ			00:57																					
ZZZZZZ			01:06																					
CCV 180-70691/37	1		01:14	X	X																			
CCB3 180-70691/38	1		01:22	X	X																			
ZZZZZZ			01:30																					
ZZZZZZ			01:39																					
ZZZZZZ			01:47																					
ZZZZZZ			01:55																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 05/01/2013 14:20 End Date: 05/02/2013 08:22

Lab Sample ID	D / F	Type	Time	Analytes																				
				V	Zn																			
ZZZZZZ			02:03																					
ZZZZZZ			02:11																					
ZZZZZZ			02:20																					
ZZZZZZ			02:28																					
ZZZZZZ			02:36																					
ZZZZZZ			02:44																					
CCV 180-70691/49	1		02:52	X	X																			
CCB4 180-70691/50	1		03:01	X	X																			
MB 180-68756/1-A	1	T	03:09	X	X																			
LCS 180-68756/2-A	1	T	03:17	X	X																			
240-22648-1	1	T	03:25	X	X																			
240-22648-2	1	T	03:34	X	X																			
240-22648-3	1	T	03:42	X	X																			
240-22648-4	1	T	03:50	X	X																			
240-22648-5	1	T	03:58	X	X																			
240-22648-6	1	T	04:06	X	X																			
240-22648-7	1	T	04:15	X	X																			
240-22648-8	1	T	04:23	X	X																			
CCV 180-70691/61	1		04:31	X	X																			
CCB5 180-70691/62	1		04:39	X	X																			
CRI 180-70691/63			04:47																					
CRI 180-70691/64			04:56																					
CCV 180-70691/65	1		05:04	X	X																			
CCB6 180-70691/66	1		05:12	X	X																			
240-22648-9	1	T	05:20	X	X																			
240-22648-10	1	T	05:29	X	X																			
240-22648-10 SD	5	T	05:37	X	X																			
240-22648-10 DU	1	T	05:45	X	X																			
240-22648-10 MS	1	T	05:53	X	X																			
240-22648-10 PDS	1	T	06:02	X	X																			
240-22648-11	1	T	06:10	X	X																			
240-22648-12	1	T	06:18	X	X																			
240-22648-13	1	T	06:26	X	X																			
240-22648-14	1	T	06:35	X	X																			
CCV 180-70691/77	1		06:43	X	X																			
CCB7 180-70691/78	1		06:51	X	X																			
240-22648-22	1	T	06:59	X	X																			
240-22648-23	1	T	07:08	X	X																			
240-22648-24	1	T	07:16	X	X																			
240-22648-25	1	T	07:24	X	X																			
240-22648-26	1	T	07:32	X	X																			
CCV 180-70691/84	1		07:41	X	X																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 05/01/2013 14:20 End Date: 05/02/2013 08:22

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
CCB8 180-70691/85	1		07:49	X	X																		
CRI 180-70691/86			07:57																				
CRI 180-70691/87	1		08:05	X	X																		
CCV 180-70691/88	1		08:14	X	X																		
CCB9 180-70691/89	1		08:22	X	X																		

Prep Types

R = Total Recoverable

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 05/02/2013 15:09 End Date: 05/03/2013 01:10

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ITUNE 180-70828/1			15:09																				
STD1 180-70828/2 IC	1		15:44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STD2 180-70828/3 IC	1		15:49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STD3 180-70828/4 IC	1		15:53	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICV 180-70828/5	1		15:58	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 180-70828/6	1		16:06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CRI 180-70828/7	1		16:15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 180-70828/8	1		16:23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 180-70828/9	1		16:31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 180-70828/10	1		16:39		X		X					X	X	X			X		X	X			
CCV 180-70828/11	1		16:48						X						X	X		X					
CCV 180-70828/12	1		16:56	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB1 180-70828/13	1		17:04	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MB 180-68762/1-A	1	T	17:12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCS 180-68762/2-A	1	T	17:21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-27	1	T	17:29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-27 SD	5	T	17:37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-27 DU	1	T	17:45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-27 MS	1	T	17:53	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-27 PDS	1	T	18:02	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-28	1	T	18:10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-29	1	T	18:18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-30	1	T	18:26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 180-70828/24	1		18:34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB2 180-70828/25	1		18:43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-31	1	T	18:51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-32	1	T	18:59	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-33	1	T	19:07	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-34	1	T	19:15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-35	1	T	19:23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-36	1	T	19:32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-37	1	T	19:40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-37 SD	5	T	19:48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-37 DU	1	T	19:56	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-37 MS	1	T	20:04	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 180-70828/36	1		20:13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB3 180-70828/37	1		20:21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-37 PDS	1	T	20:29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MB 180-68853/1-A	1	T	20:37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCS 180-68853/2-A	1	T	20:46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-38	1	T	20:54	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-39	1	T	21:02	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 05/02/2013 15:09 End Date: 05/03/2013 01:10

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
240-22648-39 SD	5	T	21:10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-39 DU	1	T	21:18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-39 MS	1	T	21:26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-39 PDS	1	T	21:35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-40	1	T	21:43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 180-70828/48	1		21:51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB4 180-70828/49	1		21:59	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-41	1	T	22:08	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-42	1	T	22:16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-43	1	T	22:24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-44	1	T	22:32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-45	1	T	22:40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-46	1	T	22:49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-47	1	T	22:57	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-48	1	T	23:05	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-49	1	T	23:13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-50	1	T	23:22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 180-70828/60	1		23:30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB5 180-70828/61	1		23:38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-51	1	T	23:46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-52	1	T	23:54	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-53	1	T	00:03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-54	1	T	00:11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-55	1	T	00:19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-56	1	T	00:27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22648-57	1	T	00:36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CRI 180-70828/69			00:45																				
CRI 180-70828/70			00:54																				
CCV 180-70828/71	1		01:02	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB6 180-70828/72	1		01:10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 05/02/2013 15:09 End Date: 05/03/2013 01:10

Lab Sample ID	D / F	Type	Time	Analytes																				
				V	Zn																			
ITUNE 180-70828/1			15:09																					
STD1 180-70828/2 IC	1		15:44	X	X																			
STD2 180-70828/3 IC	1		15:49	X	X																			
STD3 180-70828/4 IC	1		15:53	X	X																			
ICV 180-70828/5	1		15:58	X	X																			
ICB 180-70828/6	1		16:06	X	X																			
CRI 180-70828/7	1		16:15	X	X																			
ICSA 180-70828/8	1		16:23	X	X																			
ICSAB 180-70828/9	1		16:31	X	X																			
CCV 180-70828/10	1		16:39		X																			
CCV 180-70828/11	1		16:48																					
CCV 180-70828/12	1		16:56	X	X																			
CCB1 180-70828/13	1		17:04	X	X																			
MB 180-68762/1-A	1	T	17:12	X	X																			
LCS 180-68762/2-A	1	T	17:21	X	X																			
240-22648-27	1	T	17:29	X	X																			
240-22648-27 SD	5	T	17:37	X	X																			
240-22648-27 DU	1	T	17:45	X	X																			
240-22648-27 MS	1	T	17:53	X	X																			
240-22648-27 PDS	1	T	18:02	X	X																			
240-22648-28	1	T	18:10	X	X																			
240-22648-29	1	T	18:18	X	X																			
240-22648-30	1	T	18:26	X	X																			
CCV 180-70828/24	1		18:34	X	X																			
CCB2 180-70828/25	1		18:43	X	X																			
240-22648-31	1	T	18:51	X	X																			
240-22648-32	1	T	18:59	X	X																			
240-22648-33	1	T	19:07	X	X																			
240-22648-34	1	T	19:15	X	X																			
240-22648-35	1	T	19:23	X	X																			
240-22648-36	1	T	19:32	X	X																			
240-22648-37	1	T	19:40	X	X																			
240-22648-37 SD	5	T	19:48	X	X																			
240-22648-37 DU	1	T	19:56	X	X																			
240-22648-37 MS	1	T	20:04	X	X																			
CCV 180-70828/36	1		20:13	X	X																			
CCB3 180-70828/37	1		20:21	X	X																			
240-22648-37 PDS	1	T	20:29	X	X																			
MB 180-68853/1-A	1	T	20:37	X	X																			
LCS 180-68853/2-A	1	T	20:46	X	X																			
240-22648-38	1	T	20:54	X	X																			
240-22648-39	1	T	21:02	X	X																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 05/02/2013 15:09 End Date: 05/03/2013 01:10

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
240-22648-39 SD	5	T	21:10	X	X																		
240-22648-39 DU	1	T	21:18	X	X																		
240-22648-39 MS	1	T	21:26	X	X																		
240-22648-39 PDS	1	T	21:35	X	X																		
240-22648-40	1	T	21:43	X	X																		
CCV 180-70828/48	1		21:51	X	X																		
CCB4 180-70828/49	1		21:59	X	X																		
240-22648-41	1	T	22:08	X	X																		
240-22648-42	1	T	22:16	X	X																		
240-22648-43	1	T	22:24	X	X																		
240-22648-44	1	T	22:32	X	X																		
240-22648-45	1	T	22:40	X	X																		
240-22648-46	1	T	22:49	X	X																		
240-22648-47	1	T	22:57	X	X																		
240-22648-48	1	T	23:05	X	X																		
240-22648-49	1	T	23:13	X	X																		
240-22648-50	1	T	23:22	X	X																		
CCV 180-70828/60	1		23:30	X	X																		
CCB5 180-70828/61	1		23:38	X	X																		
240-22648-51	1	T	23:46	X	X																		
240-22648-52	1	T	23:54	X	X																		
240-22648-53	1	T	00:03	X	X																		
240-22648-54	1	T	00:11	X	X																		
240-22648-55	1	T	00:19	X	X																		
240-22648-56	1	T	00:27	X	X																		
240-22648-57	1	T	00:36	X	X																		
CRI 180-70828/69			00:45																				
CRI 180-70828/70			00:54																				
CCV 180-70828/71	1		01:02	X	X																		
CCB6 180-70828/72	1		01:10	X	X																		

Prep Types

T = Total/NA

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

ICP-MS Instrument ID: M Start Date: 05/01/2013 End Date: 05/02/2013

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Sc	Q	Element Y-89	Q	Element Rh-103	Q	Element In	Q
STD1 180-70691/2 IC	20:36	100		100		100		100		100	
STD2 180-70691/3 IC	20:42	94		97		96		90		94	
STD3 180-70691/4 IC	20:47	97		99		98		99		98	
ICV 180-70691/5	20:51	98		95		98		94		95	
ICB 180-70691/6	21:00	106		112		111		112		109	
CRI 180-70691/7	21:08	105		107		106		97		101	
ICSA 180-70691/9	21:24	82		84		90		79		81	
ICSAB 180-70691/10	21:33	82		76		75		75		81	
CCV 180-70691/11	21:41	79		78		73		80		87	
CCV 180-70691/12	21:49	90		104		108		92		100	
CCV 180-70691/13	21:57	95		95		97		94		95	
CCB1 180-70691/14	22:06	115		116		112		114		110	
MB 180-68743/1-A	22:14	106		104		102		97		96	
LCS 180-68743/2-A	22:22	76		68		74		72		76	
240-22648-15	22:30	80		64		71		68		73	
240-22648-15 SD	22:38	86		74		79		80		80	
240-22648-15 DU	22:46	81		64		71		69		73	
240-22648-15 MS	22:55	75		63		70		67		71	
240-22648-15 PDS	23:03	74		61		69		65		70	
240-22648-16	23:11	81		61		70		67		71	
240-22648-17	23:19	79		61		69		67		71	
240-22648-18	23:27	79		60		69		67		71	
CCV 180-70691/25	23:36	81		73		80		78		79	
CCB2 180-70691/26	23:44	107		103		99		97		105	
240-22648-21	23:52	79		61		86		69		74	
MB 180-68865/1-A	00:00	98		87		102		98		96	
LCS 180-68865/2-A	00:08	83		77		78		80		79	
240-22648-58	00:17	88		89		0		83		85	
240-22648-59	00:25	84		85		0		79		81	
240-22648-60	00:33	86		89		0		83		85	
240-22648-61	00:41	88		93		0		86		87	
240-22648-62	00:49	82		85		0		78		80	
CCV 180-70691/37	01:14	87		85		88		86		86	
CCB3 180-70691/38	01:22	108		108		103		100		97	
CCV 180-70691/49	02:52	87		83		86		83		83	
CCB4 180-70691/50	03:01	104		105		100		97		93	
MB 180-68756/1-A	03:09	97		94		103		98		94	
LCS 180-68756/2-A	03:17	80		80		74		78		73	
240-22648-1	03:25	93		96		0		89		89	
240-22648-2	03:34	89		93		0		87		88	
240-22648-3	03:42	87		89		0		85		86	
240-22648-4	03:50	83		82		0		79		79	

FORM XV - IN

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

ICP-MS Instrument ID: M Start Date: 05/01/2013 End Date: 05/02/2013

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Sc	Q	Element Y-89	Q	Element Rh-103	Q	Element In	Q
240-22648-5	03:58	88		90		0		85		86	
240-22648-6	04:06	85		85		0		81		81	
240-22648-7	04:15	86		88		0		82		83	
240-22648-8	04:23	84		84		0		79		80	
CCV 180-70691/61	04:31	83		81		84		82		82	
CCB5 180-70691/62	04:39	92		89		99		94		90	
CCV 180-70691/65	05:04	88		85		85		82		82	
CCB6 180-70691/66	05:12	105		115		120		105		91	
240-22648-9	05:20	86		88		0		83		84	
240-22648-10	05:29	87		88		0		84		84	
240-22648-10 SD	05:37	88		87		104		88		85	
240-22648-10 DU	05:45	86		84		0		80		80	
240-22648-10 MS	05:53	82		81		0		74		76	
240-22648-10 PDS	06:02	82		77		0		69		75	
240-22648-11	06:10	86		88		0		82		83	
240-22648-12	06:18	88		88		0		83		84	
240-22648-13	06:26	85		86		0		83		83	
240-22648-14	06:35	87		87		0		84		84	
CCV 180-70691/77	06:43	85		82		83		80		80	
CCB7 180-70691/78	06:51	101		103		95		92		88	
240-22648-22	06:59	74		76		0		68		71	
240-22648-23	07:08	74		75		0		68		70	
240-22648-24	07:16	80		84		0		75		77	
240-22648-25	07:24	79		84		0		73		75	
240-22648-26	07:32	75		75		0		68		70	
CCV 180-70691/84	07:41	80		77		76		74		74	
CCB8 180-70691/85	07:49	99		106		88		92		81	
CRI 180-70691/87	08:05	85		81		95		83		80	
CCV 180-70691/88	08:14	83		80		79		77		76	
CCB9 180-70691/89	08:22	102		108		91		95		83	

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

ICP-MS Instrument ID: M Start Date: 05/01/2013 End Date: 05/02/2013

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Tb	Q	Element Ho	Q	Element Bi	Q	Element	Q	Element	Q
STD1 180-70691/2 IC	20:36	100		100		100					
STD2 180-70691/3 IC	20:42	97		97		89					
STD3 180-70691/4 IC	20:47	99		99		103					
ICV 180-70691/5	20:51	96		96		87					
ICB 180-70691/6	21:00	108		108		113					
CRI 180-70691/7	21:08	102		102		102					
ICSA 180-70691/9	21:24	79		80		78					
ICSAB 180-70691/10	21:33	81		81		78					
CCV 180-70691/11	21:41	75		75		83					
CCV 180-70691/12	21:49	106		106		83					
CCV 180-70691/13	21:57	97		97		92					
CCB1 180-70691/14	22:06	108		108		111					
MB 180-68743/1-A	22:14	97		97		100					
LCS 180-68743/2-A	22:22	85		87		80					
240-22648-15	22:30	81		83		80					
240-22648-15 SD	22:38	85		86		88					
240-22648-15 DU	22:46	82		83		81					
240-22648-15 MS	22:55	82		83		77					
240-22648-15 PDS	23:03	81		83		76					
240-22648-16	23:11	81		83		80					
240-22648-17	23:19	81		82		81					
240-22648-18	23:27	82		83		82					
CCV 180-70691/25	23:36	86		87		85					
CCB2 180-70691/26	23:44	109		110		119					
240-22648-21	23:52	83		85		82					
MB 180-68865/1-A	00:00	98		99		103					
LCS 180-68865/2-A	00:08	88		89		81					
240-22648-58	00:17	92		91		82					
240-22648-59	00:25	90		89		79					
240-22648-60	00:33	93		92		81					
240-22648-61	00:41	97		95		81					
240-22648-62	00:49	89		87		77					
CCV 180-70691/37	01:14	89		90		88					
CCB3 180-70691/38	01:22	97		97		104					
CCV 180-70691/49	02:52	86		87		84					
CCB4 180-70691/50	03:01	93		93		100					
MB 180-68756/1-A	03:09	94		94		99					
LCS 180-68756/2-A	03:17	84		85		78					
240-22648-1	03:25	94		92		84					
240-22648-2	03:34	92		92		84					
240-22648-3	03:42	90		90		84					
240-22648-4	03:50	86		85		79					

FORM XV - IN

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

ICP-MS Instrument ID: M Start Date: 05/01/2013 End Date: 05/02/2013

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Tb	Q	Element Ho	Q	Element Bi	Q	Element	Q	Element	Q
240-22648-5	03:58	90		90		83					
240-22648-6	04:06	87		86		81					
240-22648-7	04:15	88		87		81					
240-22648-8	04:23	86		85		79					
CCV 180-70691/61	04:31	85		85		83					
CCB5 180-70691/62	04:39	91		91		98					
CCV 180-70691/65	05:04	84		85		83					
CCB6 180-70691/66	05:12	90		90		97					
240-22648-9	05:20	88		87		82					
240-22648-10	05:29	88		87		82					
240-22648-10 SD	05:37	86		86		90					
240-22648-10 DU	05:45	84		84		78					
240-22648-10 MS	05:53	79		79		70					
240-22648-10 PDS	06:02	80		80		71					
240-22648-11	06:10	89		88		78					
240-22648-12	06:18	88		87		79					
240-22648-13	06:26	87		86		80					
240-22648-14	06:35	87		87		82					
CCV 180-70691/77	06:43	82		82		78					
CCB7 180-70691/78	06:51	87		87		92					
240-22648-22	06:59	79		78		68					
240-22648-23	07:08	78		77		68					
240-22648-24	07:16	82		80		70					
240-22648-25	07:24	80		79		68					
240-22648-26	07:32	75		74		67					
CCV 180-70691/84	07:41	76		76		74					
CCB8 180-70691/85	07:49	80		81		86					
CRI 180-70691/87	08:05	80		80		85					
CCV 180-70691/88	08:14	78		78		76					
CCB9 180-70691/89	08:22	81		82		87					

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

ICP-MS Instrument ID: M Start Date: 05/02/2013 End Date: 05/03/2013

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Sc	Q	Element Y-89	Q	Element Rh-103	Q	Element In	Q
STD1 180-70828/2 IC	15:44	100		100		100		100		100	
STD2 180-70828/3 IC	15:49	80		74		74		65		73	
STD3 180-70828/4 IC	15:53	80		76		76		72		77	
ICV 180-70828/5	15:58	80		73		76		69		76	
ICB 180-70828/6	16:06	105		106		105		105		104	
CRI 180-70828/7	16:15	105		106		105		105		104	
ICSA 180-70828/8	16:23	63		51		52		48		57	
ICSAB 180-70828/9	16:31	63		51		51		48		57	
CCV 180-70828/10	16:39	76		64		61		62		72	
CCV 180-70828/11	16:48	83		89		95		75		88	
CCV 180-70828/12	16:56	80		72		74		67		73	
CCB1 180-70828/13	17:04	111		114		104		106		103	
MB 180-68762/1-A	17:12	107		109		108		109		106	
LCS 180-68762/2-A	17:21	69		64		61		59		63	
240-22648-27	17:29	70		69		0		58		65	
240-22648-27 SD	17:37	83		78		102		72		78	
240-22648-27 DU	17:45	70		70		0		59		67	
240-22648-27 MS	17:53	62		62		0		50		58	
240-22648-27 PDS	18:02	59		57		0		44		54	
240-22648-28	18:10	68		69		0		58		66	
240-22648-29	18:18	68		69		0		58		66	
240-22648-30	18:26	69		68		0		58		65	
CCV 180-70828/24	18:34	71		63		65		59		65	
CCB2 180-70828/25	18:43	104		105		96		85		88	
240-22648-31	18:51	80		78		0		68		74	
240-22648-32	18:59	68		65		0		56		63	
240-22648-33	19:07	67		65		0		56		63	
240-22648-34	19:15	69		69		0		58		65	
240-22648-35	19:23	68		68		0		58		65	
240-22648-36	19:32	67		67		0		57		64	
240-22648-37	19:40	66		65		0		56		63	
240-22648-37 SD	19:48	78		76		90		71		77	
240-22648-37 DU	19:56	67		66		0		56		63	
240-22648-37 MS	20:04	59		57		0		47		55	
CCV 180-70828/36	20:13	66		58		60		54		58	
CCB3 180-70828/37	20:21	113		111		89		87		91	
240-22648-37 PDS	20:29	60		57		0		46		55	
MB 180-68853/1-A	20:37	76		73		73		69		73	
LCS 180-68853/2-A	20:46	60		55		50		50		55	
240-22648-38	20:54	64		62		0		52		59	
240-22648-39	21:02	63		62		0		51		58	
240-22648-39 SD	21:10	74		70		85		64		69	

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

ICP-MS Instrument ID: M Start Date: 05/02/2013 End Date: 05/03/2013

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Sc	Q	Element Y-89	Q	Element Rh-103	Q	Element In	Q
240-22648-39 DU	21:18	62		62		0		51		59	
240-22648-39 MS	21:26	57		56		0		45		52	
240-22648-39 PDS	21:35	56		51		0		42		51	
240-22648-40	21:43	64		62		0		51		58	
CCV 180-70828/48	21:51	66		56		58		53		58	
CCB4 180-70828/49	21:59	94		88		82		81		85	
240-22648-41	22:08	62		59		0		50		56	
240-22648-42	22:16	60		59		0		49		56	
240-22648-43	22:24	62		59		0		49		56	
240-22648-44	22:32	61		59		0		49		55	
240-22648-45	22:40	60		58		0		48		55	
240-22648-46	22:49	61		58		0		49		55	
240-22648-47	22:57	61		58		0		49		55	
240-22648-48	23:05	61		58		0		48		54	
240-22648-49	23:13	62		59		0		50		56	
240-22648-50	23:22	61		58		0		49		55	
CCV 180-70828/60	23:30	66		57		59		53		58	
CCB5 180-70828/61	23:38	102		97		85		84		86	
240-22648-51	23:46	61		58		0		49		55	
240-22648-52	23:54	60		57		91		48		55	
240-22648-53	00:03	59		57		103		47		54	
240-22648-54	00:11	59		57		96		47		54	
240-22648-55	00:19	60		56		89		47		53	
240-22648-56	00:27	60		55		84		48		53	
240-22648-57	00:36	61		56		91		48		53	
CCV 180-70828/71	01:02	69		62		60		55		59	
CCB6 180-70828/72	01:10	107		97		83		86		86	

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

ICP-MS Instrument ID: M Start Date: 05/02/2013 End Date: 05/03/2013

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Tb	Q	Element Ho	Q	Element Bi	Q	Element	Q	Element	Q
STD1 180-70828/2 IC	15:44	100		100		100					
STD2 180-70828/3 IC	15:49	78		79		71					
STD3 180-70828/4 IC	15:53	80		79		81					
ICV 180-70828/5	15:58	80		81		75					
ICB 180-70828/6	16:06	103		103		103					
CRI 180-70828/7	16:15	103		103		103					
ICSA 180-70828/8	16:23	61		61		59					
ICSAB 180-70828/9	16:31	60		61		57					
CCV 180-70828/10	16:39	63		63		69					
CCV 180-70828/11	16:48	95		96		72					
CCV 180-70828/12	16:56	78		78		70					
CCB1 180-70828/13	17:04	101		101		101					
MB 180-68762/1-A	17:12	104		104		103					
LCS 180-68762/2-A	17:21	70		71		63					
240-22648-27	17:29	74		73		60					
240-22648-27 SD	17:37	80		81		76					
240-22648-27 DU	17:45	75		74		62					
240-22648-27 MS	17:53	67		66		54					
240-22648-27 PDS	18:02	67		66		52					
240-22648-28	18:10	74		73		61					
240-22648-29	18:18	74		73		61					
240-22648-30	18:26	73		73		61					
CCV 180-70828/24	18:34	69		69		64					
CCB2 180-70828/25	18:43	88		88		89					
240-22648-31	18:51	79		79		68					
240-22648-32	18:59	70		69		60					
240-22648-33	19:07	69		69		60					
240-22648-34	19:15	73		72		61					
240-22648-35	19:23	72		71		61					
240-22648-36	19:32	71		70		60					
240-22648-37	19:40	70		69		60					
240-22648-37 SD	19:48	79		79		76					
240-22648-37 DU	19:56	70		69		59					
240-22648-37 MS	20:04	61		61		51					
CCV 180-70828/36	20:13	64		65		59					
CCB3 180-70828/37	20:21	82		82		84					
240-22648-37 PDS	20:29	63		62		53					
MB 180-68853/1-A	20:37	75		75		76					
LCS 180-68853/2-A	20:46	61		64		54					
240-22648-38	20:54	65		64		54					
240-22648-39	21:02	65		64		54					
240-22648-39 SD	21:10	72		71		65					

FORM XV - IN

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

ICP-MS Instrument ID: M Start Date: 05/02/2013 End Date: 05/03/2013

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Tb	Q	Element Ho	Q	Element Bi	Q	Element	Q	Element	Q
240-22648-39 DU	21:18	67		65		54					
240-22648-39 MS	21:26	60		59		48					
240-22648-39 PDS	21:35	59		58		46					
240-22648-40	21:43	64		63		54					
CCV 180-70828/48	21:51	62		63		58					
CCB4 180-70828/49	21:59	77		76		79					
240-22648-41	22:08	64		62		54					
240-22648-42	22:16	63		62		53					
240-22648-43	22:24	62		61		52					
240-22648-44	22:32	63		61		52					
240-22648-45	22:40	63		62		52					
240-22648-46	22:49	62		61		54					
240-22648-47	22:57	63		61		52					
240-22648-48	23:05	61		60		51					
240-22648-49	23:13	61		60		53					
240-22648-50	23:22	61		60		52					
CCV 180-70828/60	23:30	62		62		58					
CCB5 180-70828/61	23:38	83		83		85					
240-22648-51	23:46	60		60		51					
240-22648-52	23:54	61		60		51					
240-22648-53	00:03	61		59		49					
240-22648-54	00:11	60		58		49					
240-22648-55	00:19	59		58		50					
240-22648-56	00:27	59		58		49					
240-22648-57	00:36	60		59		49					
CCV 180-70828/71	01:02	61		61		57					
CCB6 180-70828/72	01:10	85		85		88					

TestAmerica North Canton Hg Data Review Checklist

Run/Project Information: _____

Circle Methods used: (7470A / 245.1 :) 7471:

Run Date: 4/9/2013 Analyst: A. Sutherland Instrument: H1 - 81255

Review Items				
A. Calibration/Instrument Run QC	Yes	No	N/A	2nd Level
1. Instrument calibrated per manufacturer's instructions and at SOP specified levels?	✓			✓
2. ICV/CCV analyzed at appropriate frequency and within control limits?	✓			✓
3. ICB/CCB analyzed at appropriate frequency and within +/- RL?	✓			✓
4. CRA run?	✓			✓
B. Sample Results				
1. Were samples with concentrations > high calibration standard diluted and reanalyzed?			✓	
2. All reported results bracketed by in control QC?	✓			✓
3. Sample analyses done within holding time?	✓			✓
C. Preparation/ Matrix QC				
1. LCS done per prep batch and within QC limits?	✓			✓
2. Method blank done per prep batch and < RL?	✓			✓
3. MS run at required frequency and within limits?	✓			✓
4. MSD or DU run at required frequency and RPD within SOP limits?	✓			
D. Other				
1. Are all nonconformances documented appropriately?			✓	
2. Current IDL/MDL data on file?	✓			✓
3. Calculations and Transcription checked for error?	✓			✓
4. All client/project specific requirements met?	✓			✓
5. Date of analysis verified as correct?	✓			✓

Level I

Analyst: [signature] Date/Time: 4/10/2013 Reviewed from 10:31 to 15:43

Analyst: _____ Date/Time: _____ Reviewed from _____ to _____

Comments: _____

Level II

Reviewer: [signature] Date/Time: 4-10-13 Reviewed from 10:31 to 15:43

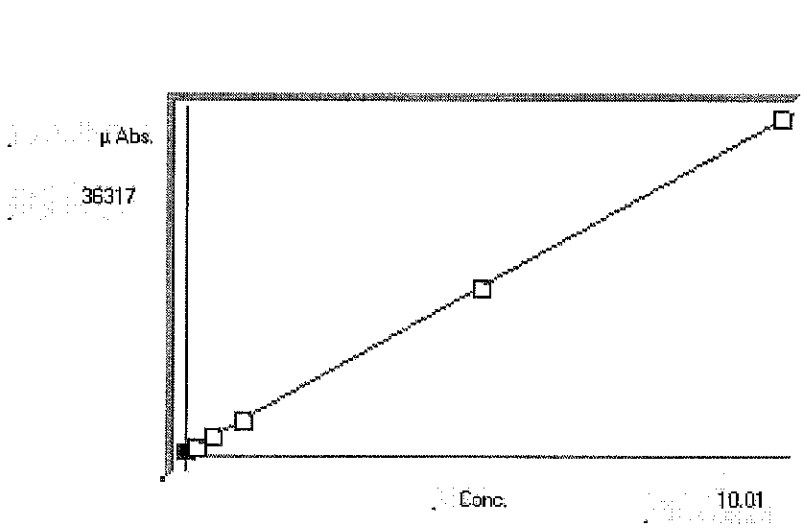
Reviewer: _____ Date/Time: _____ Reviewed from _____ to _____

Comments _____

Curve Date 4/8/2013 Curve Time 9:20 - 11:20 DILUTION H20 00004

Revised 11/29/2012

Protocol: 0409CHG1



Linear

Calibrated

Accepted

A

B 2.78866e-4

C -1.16410e-1

Rhc .999971

Accepted Date: 09-Apr-13 10:40

S	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
01	.00000	.0559	.0559	618	1	618				
02	.20000	.1728	-.0272	1037	0%	1037				
03	.50000	.4898	-.0102	2175	0%	2174				
04	1.0000	.9893	-.0107	3965	0%	3965				
05	5.0000	4.981	-.0190	18279	0%	18279				
06	10.000	10.01	.0112	36318	0%	36317				
07										
08										
09										
10										

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Standard: 1 Rep: 1				Seq: 1		10:31:37 09 Apr 13			HG
Hg	.0000	ppb	618						
*** Standard: 2 Rep: 1				Seq: 2		10:34:18 09 Apr 13			HG
Hg	.2000	ppb	1037						
*** Standard: 3 Rep: 1				Seq: 3		10:35:47 09 Apr 13			HG
Hg	.5000	ppb	2174						
*** Standard: 4 Rep: 1				Seq: 4		10:37:05 09 Apr 13			HG
Hg	1.000	ppb	3965						
*** Standard: 5 Rep: 1				Seq: 5		10:38:23 09 Apr 13			HG
Hg	5.000	ppb	18279						
*** Standard: 6 Rep: 1				Seq: 6		10:40:11 09 Apr 13			HG
Hg	10.00	ppb	36317						

*** Check Standard: 2 Ck2ICV Seq: 7 10:41:41 09 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		96.40	2.410	2.500	ppb	.0000

*** Check Standard: 3 Ck3ICB Seq: 8 10:42:57 09 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		^^^^^^	.0894	.0000	ppb	.0000

*** Check Standard: 4 Ck4CRA\MRL Seq: 9 10:44:17 09 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		93.08	.1862	.2000	ppb	.0000

*** Check Standard: 6 Ck6CCV Seq: 10 10:45:54 09 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		100.3	5.017	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 11 10:47:11 09 Apr 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.0702	.2000	ppb	.0000

*** Sample ID:				Seq: 12	10:48:27 09 Apr 13		HG
				MB 240-80775/1-A			
Hg	-.0386	ppb	.0000	-.0386			
*** Sample ID:				Seq: 13	10:49:44 09 Apr 13		HG
				LCS 240-80775/2-A			
Hg	4.204	ppb	.0000	4.204			
*** Sample ID:				Seq: 14	10:51:51 09 Apr 13		HG
				240-22648-B-15-A			
Hg	-.0314	ppb	.0000	-.0314			
*** Sample ID:				Seq: 15	10:53:17 09 Apr 13		HG
				240-22648-B-15-B DU			
Hg	-.0319	ppb	.0000	-.0319			
*** Sample ID:				Seq: 16	10:55:28 09 Apr 13		HG
				240-22648-B-15-C MS			
Hg	.9876	ppb	.0000	.9876			

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID:					Seq: 17		10:57:14 09 Apr 13		HG
				190-355-A-1-A					
Hg	-.0417	ppb	.0000	-.0417					
*** Sample ID:					Seq: 18		10:58:33 09 Apr 13		HG
				240-22562-E-14-A					
Hg	-.0341	ppb	.0000	-.0341					
*** Sample ID:					Seq: 19		10:59:50 09 Apr 13		HG
				240-22562-E-15-A					
Hg	-.0378	ppb	.0000	-.0378					
*** Sample ID:					Seq: 20		11:01:09 09 Apr 13		HG
				240-22562-E-16-A					
Hg	-.0392	ppb	.0000	-.0392					
*** Sample ID:					Seq: 21		11:02:25 09 Apr 13		HG
				240-22574-E-13-B					
Hg	-.0551	ppb	.0000	-.0551					
*** Check Standard: 6 Ck6CCV					Seq: 22		11:03:52 09 Apr 13		HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		101.9	5.093	5.000	ppb	.0000			
*** Check Standard: 1 Ck1CCB					Seq: 23		11:05:23 09 Apr 13		HG
Line	Flag	Found	Range(+/-)	Units	SD/RSD				
Hg		.0877	.2000	ppb	.0000				
*** Sample ID:					Seq: 24		11:06:50 09 Apr 13		HG
				240-22648-B-16-A					
Hg	-.0314	ppb	.0000	-.0314					
*** Sample ID:					Seq: 25		11:08:17 09 Apr 13		HG
				240-22648-B-17-A					
Hg	.0121	ppb	.0000	.0121					
*** Sample ID:					Seq: 26		11:10:26 09 Apr 13		HG
				240-22648-E-18-A					
Hg	-.0049	ppb	.0000	-.0049					
*** Sample ID:					Seq: 27		11:12:07 09 Apr 13		HG
				240-22648-B-21-A					
Hg	.2336	ppb	.0000	.2336					
*** Sample ID:					Seq: 28		11:13:34 09 Apr 13		HG
				240-22662-D-1-A					
Hg	-.0249	ppb	.0000	-.0249					
*** Sample ID:					Seq: 29		11:14:49 09 Apr 13		HG
				240-22662-D-1-B DU					
Hg	-.0383	ppb	.0000	-.0383					
*** Sample ID:					Seq: 30		11:16:07 09 Apr 13		HG
				240-22662-D-1-C MS					
Hg	.9996	ppb	.0000	.9996					
*** Sample ID:					Seq: 31		11:18:05 09 Apr 13		HG
				240-22662-B-2-A					
Hg	-.0325	ppb	.0000	-.0325					
*** Sample ID:					Seq: 32		11:20:23 09 Apr 13		HG
				240-22662-B-3-A					
Hg	-.0353	ppb	.0000	-.0353					

Reun
CCB 7 ½ RL

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 33 11:21:39 09 Apr 13 HG
240-22662-B-4-A
Hg -.0322 ppb .0000 -.0322

*** Check Standard: 6 Ck6CCV Seq: 34 11:23:06 09 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		102.9	5.147	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 35 11:24:51 09 Apr 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.1067	.2000	ppb	.0000

Rerun CCB 7½ hr

*** Sample ID: Seq: 36 11:26:13 09 Apr 13 HG
240-22662-B-5-A
Hg -.0222 ppb .0000 -.0222

*** Sample ID: Seq: 37 11:27:41 09 Apr 13 HG
240-22804-E-11-A
Hg -.0213 ppb .0000 -.0213

*** Sample ID: Seq: 38 11:29:19 09 Apr 13 HG
240-22706-A-2-B
Hg -.0302 ppb .0000 -.0302

*** Sample ID: Seq: 39 11:30:35 09 Apr 13 HG
240-22706-A-4-B
Hg -.0553 ppb .0000 -.0553

*** Sample ID: Seq: 40 11:31:55 09 Apr 13 HG
240-22706-A-8-B
Hg -.0528 ppb .0000 -.0528

*** Sample ID: Seq: 41 11:33:10 09 Apr 13 HG
240-22800-J-1-C
Hg -.0291 ppb .0000 -.0291

*** Sample ID: Seq: 42 11:34:52 09 Apr 13 HG
MB 240-80977/1-A
Hg -.0470 ppb .0000 -.0470

*** Sample ID: Seq: 43 11:36:20 09 Apr 13 HG
LCS 240-80977/2-A
Hg 4.829 ppb .0000 4.829

*** Sample ID: Seq: 44 11:37:40 09 Apr 13 HG
190-356-A-2-B
Hg -.0475 ppb .0000 -.0475

*** Sample ID: Seq: 45 11:39:06 09 Apr 13 HG
190-359-D-1-B
Hg .0186 ppb .0000 .0186

*** Check Standard: 6 Ck6CCV Seq: 46 11:40:23 09 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		103.2	5.161	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 47 11:41:41 09 Apr 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0208	.2000	ppb	.0000

*** Sample ID: Seq: 48 11:43:18 09 Apr 13 HG
190-360-D-1-B
Hg .0227 ppb .0000 .0227

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 49	11:44:58 09 Apr 13	HG		
				190-361-D-1-B				
Hg	.0116	ppb	.0000	.0116				
*** Sample ID:				Seq: 50	11:46:37 09 Apr 13	HG		
				190-362-D-1-B				
Hg	-.0394	ppb	.0000	-.0394				
*** Sample ID:				Seq: 51	11:48:03 09 Apr 13	HG		
				190-363-D-1-B				
Hg	-.0012	ppb	.0000	-.0012				
*** Sample ID:				Seq: 52	11:49:23 09 Apr 13	HG		
				190-364-D-1-B				
Hg	-.0082	ppb	.0000	-.0082				
*** Sample ID:				Seq: 53	11:50:40 09 Apr 13	HG		
				190-365-D-1-B				
Hg	.0094	ppb	.0000	.0094				
*** Sample ID:				Seq: 54	11:52:18 09 Apr 13	HG		
				190-366-F-1-B				
Hg	-.0085	ppb	.0000	-.0085				
*** Sample ID:				Seq: 55	11:53:46 09 Apr 13	HG		
				190-377-A-1-B				
Hg	-.0261	ppb	.0000	-.0261				
*** Sample ID:				Seq: 56	11:55:43 09 Apr 13	HG		
				190-378-A-1-B				
Hg	-.0127	ppb	.0000	-.0127				
*** Sample ID:				Seq: 57	11:57:01 09 Apr 13	HG		
				240-22819-D-1-B				
Hg	-.0436	ppb	.0000	-.0436				

*** Check Standard: 6 Ck6CCV Seq: 58 11:58:31 09 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		103.5	5.176	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 59 12:00:27 09 Apr 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.0077	.2000	ppb	.0000

*** Sample ID:				Seq: 60	12:01:45 09 Apr 13	HG		
				190-379-A-1-A				
Hg	-.0110	ppb	.0000	-.0110				
*** Sample ID:				Seq: 61	12:04:58 09 Apr 13	HG		
				190-382-A-1-A				
Hg	-.0235	ppb	.0000	-.0235				
*** Sample ID:				Seq: 62	12:06:56 09 Apr 13	HG		
				190-383-A-1-A				
Hg	-.0420	ppb	.0000	-.0420				
*** Sample ID:				Seq: 63	12:08:36 09 Apr 13	HG		
				190-393-A-1-A				
Hg	.3426	ppb	.0000	.3426				
*** Sample ID:				Seq: 64	12:10:03 09 Apr 13	HG		
				190-395-C-1-A				
Hg	-.0330	ppb	.0000	-.0330				

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID:					Seq: 65	12:12:14 09 Apr 13			HG
				190-396-A-1-A					
Hg	.0233	ppb	.0000	.0233					
*** Sample ID:					Seq: 66	12:13:32 09 Apr 13			HG
				190-398-A-1-A					
Hg	-.0199	ppb	.0000	-.0199					
*** Sample ID:					Seq: 67	12:14:51 09 Apr 13			HG
				240-22580-A-6-B					
Hg	.1552	ppb	.0000	.1552					
*** Sample ID:					Seq: 68	12:16:10 09 Apr 13			HG
				240-22648-B-16-A					
Hg	-.0124	ppb	.0000	-.0124					
*** Check Standard: 6 Ck6CCV					Seq: 69	12:17:26 09 Apr 13			HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		103.1	5.155	5.000	ppb	.0000			
*** Check Standard: 1 Ck1CCB					Seq: 70	12:19:03 09 Apr 13			HG
Line	Flag	Found	Range(+/-)	Units	SD/RSD				
Hg		.0116	.2000	ppb	.0000				
*** Check Standard: 6 Ck6CCV					Seq: 71	12:53:37 09 Apr 13			HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		98.77	4.938	5.000	ppb	.0000			
*** Check Standard: 1 Ck1CCB					Seq: 72	12:55:34 09 Apr 13			HG
Line	Flag	Found	Range(+/-)	Units	SD/RSD				
Hg		.0225	.2000	ppb	.0000				
*** Sample ID:					Seq: 73	12:57:03 09 Apr 13			HG
				240-22648-B-17-A					
Hg	.0300	ppb	.0000	.0300					
*** Sample ID:					Seq: 74	12:58:29 09 Apr 13			HG
				240-22648-E-18-A					
Hg	.0116	ppb	.0000	.0116					
*** Sample ID:					Seq: 75	13:00:15 09 Apr 13			HG
				240-22648-B-21-A					
Hg	.2433	ppb	.0000	.2433					
*** Sample ID:					Seq: 76	13:01:53 09 Apr 13			HG
				240-22662-D-1-A					
Hg	-.0224	ppb	.0000	-.0224					
*** Sample ID:					Seq: 77	13:03:12 09 Apr 13			HG
				240-22662-D-1-B DU					
Hg	-.0188	ppb	.0000	-.0188					
*** Sample ID:					Seq: 78	13:04:51 09 Apr 13			HG
				240-22662-D-1-C MS					
Hg	1.009	ppb	.0000	1.009					
*** Sample ID:					Seq: 79	13:06:12 09 Apr 13			HG
				240-22662-B-2-A					
Hg	-.0191	ppb	.0000	-.0191					
*** Sample ID:					Seq: 80	13:07:49 09 Apr 13			HG
				240-22662-B-3-A					
Hg	-.0102	ppb	.0000	-.0102					

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 81 13:09:21 09 Apr 13 HG
240-22662-B-4-A
Hg -.0322 ppb .0000 -.0322

*** Sample ID: Seq: 82 13:10:49 09 Apr 13 HG
240-22662-B-5-A
Hg -.0046 ppb .0000 -.0046

*** Check Standard: 6 Ck6CCV Seq: 83 13:12:08 09 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		102.5	5.124	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 84 13:14:04 09 Apr 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.0024	.2000	ppb	.0000

*** Sample ID: Seq: 85 13:15:23 09 Apr 13 HG
240-22804-E-11-A
Hg -.0219 ppb .0000 -.0219

Reject/mis-label

*** Sample ID: Seq: 86 13:16:49 09 Apr 13 HG
240-22662-D-1-C MS
Hg .1920 ppb .0000 .1920

*** Check Standard: 4 Ck4CRA\MRL Seq: 87 13:21:23 09 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		97.82	.1956	.2000	ppb	.0000

*** Check Standard: 6 Ck6CCV Seq: 88 13:22:42 09 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		103.4	5.169	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 89 13:24:17 09 Apr 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.0066	.2000	ppb	.0000

*** Sample ID: Seq: 90 14:57:29 09 Apr 13 HG
MB 240-81101/1-A
Hg -.0191 ppb .0000 -.0191

*** Sample ID: Seq: 91 14:59:40 09 Apr 13 HG
LCS 240-81101/2-A
Hg 5.081 ppb .0000 5.081

*** Sample ID: Seq: 92 15:01:03 09 Apr 13 HG
240-22693-E-2-A
Hg -.0311 ppb .0000 -.0311

*** Sample ID: Seq: 93 15:02:40 09 Apr 13 HG
240-22693-E-2-B MS
Hg 1.093 ppb .0000 1.093

*** Sample ID: Seq: 94 15:04:18 09 Apr 13 HG
240-22693-E-2-C MSD
Hg 1.063 ppb .0000 1.063

*** Sample ID: Seq: 95 15:05:38 09 Apr 13 HG
240-22923-C-1-A
Hg -.0266 ppb .0000 -.0266

*** Check Standard: 6 Ck6CCV Seq: 96 15:07:03 09 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		102.8	5.142	5.000	ppb	.0000

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 1 Ck1CCB Seq: 97 15:08:20 09 Apr 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0049	.2000	ppb	.0000

*** Sample ID: Seq: 98 15:10:29 09 Apr 13 HG
240-22680-I-2-B

Hg	.0219	ppb	.0000	.0219

*** Sample ID: Seq: 99 15:12:06 09 Apr 13 HG
240-22693-E-1-A

Hg	-.0180	ppb	.0000	-.0180

*** Sample ID: Seq: 100 15:13:23 09 Apr 13 HG
240-22693-E-3-A

Hg	.0029	ppb	.0000	.0029

*** Sample ID: Seq: 101 15:15:01 09 Apr 13 HG
240-22693-E-4-A

Hg	-.0010	ppb	.0000	-.0010

*** Sample ID: Seq: 102 15:16:23 09 Apr 13 HG
240-22693-D-5-A

Hg	-.0258	ppb	.0000	-.0258

*** Sample ID: Seq: 103 15:17:51 09 Apr 13 HG
240-22693-D-6-A

Hg	-.0294	ppb	.0000	-.0294

*** Sample ID: Seq: 104 15:19:12 09 Apr 13 HG
240-22693-D-7-A

Hg	-.0074	ppb	.0000	-.0074

*** Sample ID: Seq: 105 15:20:59 09 Apr 13 HG
240-22693-D-8-A

Hg	.0593	ppb	.0000	.0593

*** Sample ID: Seq: 106 15:22:31 09 Apr 13 HG
240-22732-I-2-B

Hg	-.0406	ppb	.0000	-.0406

*** Sample ID: Seq: 107 15:24:09 09 Apr 13 HG
240-22732-I-7-D

Hg	-.0054	ppb	.0000	-.0054

*** Check Standard: 6 Ck6CCV Seq: 108 15:25:57 09 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		105.2	5.262	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 109 15:27:16 09 Apr 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0110	.2000	ppb	.0000

*** Sample ID: Seq: 110 15:28:33 09 Apr 13 HG
240-22732-J-9-B

Hg	-.0375	ppb	.0000	-.0375

*** Sample ID: Seq: 111 15:30:02 09 Apr 13 HG
240-22816-F-2-A

Hg	.1114	ppb	.0000	.1114

*** Sample ID: Seq: 112 15:31:20 09 Apr 13 HG
240-22816-F-3-A

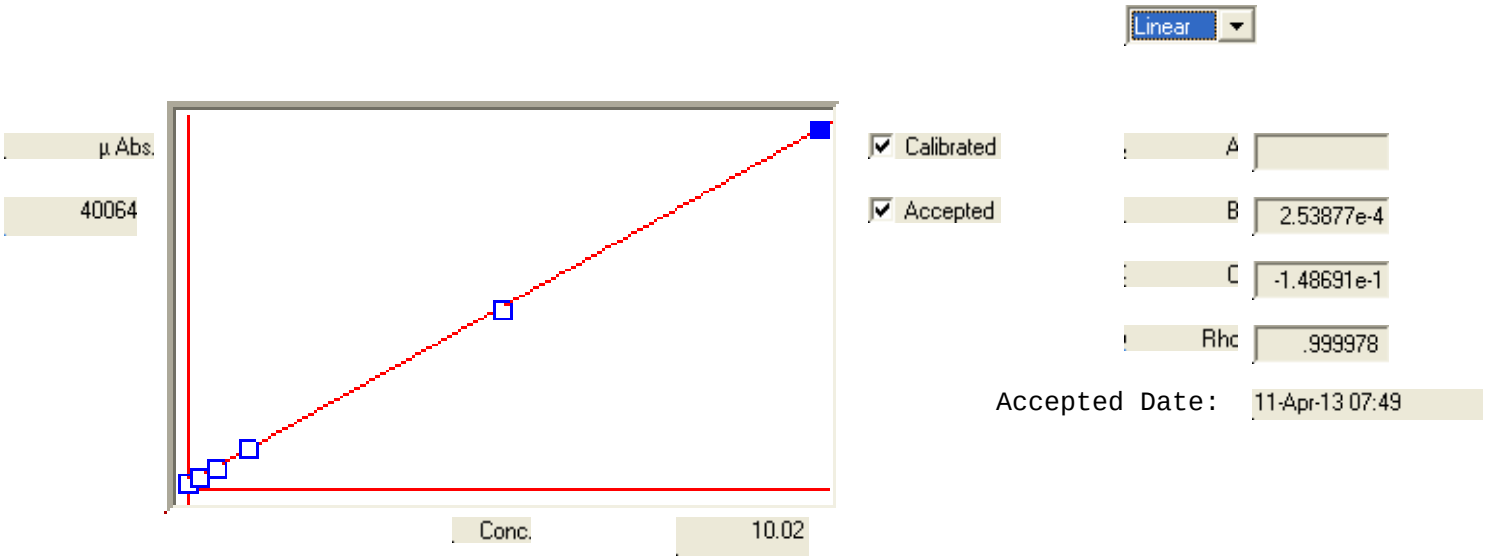
Hg	.2815	ppb	.0000	.2815

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID:				Seq: 113		15:33:01 09 Apr 13			HG
				240-22816-E-4-A					
Hg	.0543	ppb	.0000	.0543					
*** Sample ID:				Seq: 114		15:35:10 09 Apr 13			HG
				240-22816-D-5-A					
Hg	.3203	ppb	.0000	.3203					
*** Sample ID:				Seq: 115		15:36:28 09 Apr 13			HG
				240-22816-D-6-A					
Hg	.2734	ppb	.0000	.2734					
*** Sample ID:				Seq: 116		15:38:07 09 Apr 13			HG
				240-22816-E-7-A					
Hg	.0035	ppb	.0000	.0035					
*** Sample ID:				Seq: 117		15:39:35 09 Apr 13			HG
				240-22816-E-8-A					
Hg	-.0012	ppb	.0000	-.0012					

*** Check Standard: 6 Ck6CCV				Seq: 118		15:41:26 09 Apr 13			HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		105.4	5.268	5.000	ppb	.0000			

*** Check Standard: 1 Ck1CCB				Seq: 119		15:43:04 09 Apr 13			HG
Line	Flag	Found	Range(+/-)	Units	SD/RSD				
Hg		.0024	.2000	ppb	.0000				

Protocol: 0411AHG4



S	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
01	.00000	.0298	.0298	704	0	703				
02	.20000	.2065	.0065	1400	0%	1399				
03	.50000	.4906	-.0094	2519	0%	2518				
04	1.0000	.9948	-.0052	4505	0%	4504				
05	5.0000	4.956	-.0442	20106	0%	20106				
06	10.000	10.02	.0226	40065	0%	40064				
07										
08										
09										
10										

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Standard: 1 Rep: 1 Seq: 1 07:39:08 11 Apr 13 HG

Hg .0000 ppb 703

*** Standard: 2 Rep: 1 Seq: 2 07:41:10 11 Apr 13 HG

Hg .2000 ppb 1399

*** Standard: 3 Rep: 1 Seq: 3 07:42:52 11 Apr 13 HG

Hg .5000 ppb 2518

*** Standard: 4 Rep: 1 Seq: 4 07:44:49 11 Apr 13 HG

Hg 1.000 ppb 4504

*** Standard: 5 Rep: 1 Seq: 5 07:46:32 11 Apr 13 HG

Hg 5.000 ppb 20106

*** Standard: 6 Rep: 1 Seq: 6 07:48:28 11 Apr 13 HG

Hg 10.00 ppb 40064

*** Check Standard: 2 Ck2ICV Seq: 7 07:51:09 11 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		107.0	2.675	2.500	ppb	.0000

*** Check Standard: 3 Ck3ICB Seq: 8 07:53:55 11 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		^^^^^^	.0189	.0000	ppb	.0000

*** Check Standard: 4 Ck4CRA\MRL Seq: 9 07:55:58 11 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		103.6	.2072	.2000	ppb	.0000

*** Check Standard: 6 Ck6CCV Seq: 10 08:19:25 11 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		94.78	4.739	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 11 08:21:08 11 Apr 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0124	.2000	ppb	.0000

*** Sample ID: Seq: 12 08:23:41 11 Apr 13 HG
LB 240-81224/1-D

Hg	-.1309	ppb	.0000	-.1309

*** Sample ID: Seq: 13 08:25:21 11 Apr 13 HG
MB 240-81353/2-A

Hg	-.1264	ppb	.0000	-.1264

*** Sample ID: Seq: 14 08:27:16 11 Apr 13 HG
LCS 240-81353/3-A

Hg	4.944	ppb	.0000	4.944

*** Sample ID: Seq: 15 08:28:58 11 Apr 13 HG
240-22862-A-1-E

Hg	-.1588	ppb	.0000	-.1588

*** Sample ID: Seq: 16 08:31:20 11 Apr 13 HG
240-22862-A-1-F MS

Hg	5.001	ppb	.0000	5.001

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 17	08:33:42 11 Apr 13	HG		
				240-22862-A-1-G MSD				
Hg	4.976	ppb	.0000	4.976				
*** Sample ID:				Seq: 18	08:35:35 11 Apr 13	HG		
				240-22753-D-1-K				
Hg	-.0964	ppb	.0000	-.0964				
*** Sample ID:				Seq: 19	08:37:29 11 Apr 13	HG		
				240-22829-A-5-F				
Hg	-.1177	ppb	.0000	-.1177				
*** Sample ID:				Seq: 20	08:39:14 11 Apr 13	HG		
				240-22829-A-7-I				
Hg	-.0560	ppb	.0000	-.0560				
*** Sample ID:				Seq: 21	08:41:07 11 Apr 13	HG		
				240-22829-A-12-C				
Hg	-.1043	ppb	.0000	-.1043				
*** Check Standard: 6 Ck6CCV				Seq: 22	08:42:50 11 Apr 13	HG		
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		106.7	5.336	5.000	ppb	.0000		
*** Check Standard: 1 Ck1CCB				Seq: 23	08:44:47 11 Apr 13	HG		
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		.0382	.2000	ppb	.0000			
*** Sample ID:				Seq: 24	08:46:30 11 Apr 13	HG		
				240-22829-A-13-C				
Hg	-.1172	ppb	.0000	-.1172				
*** Sample ID:				Seq: 25	08:48:11 11 Apr 13	HG		
				240-22927-B-1-D				
Hg	-.1304	ppb	.0000	-.1304				
*** Sample ID:				Seq: 26	08:49:55 11 Apr 13	HG		
				LB 240-81223/1-C				
Hg	-.1050	ppb	.0000	-.1050				
*** Sample ID:				Seq: 27	08:53:30 11 Apr 13	HG		
				MB 240-81319/2-A				
Hg	-.1114	ppb	.0000	-.1114				
*** Sample ID:				Seq: 28	08:55:15 11 Apr 13	HG		
				LCS 240-81319/3-A				
Hg	5.233	ppb	.0000	5.233				
*** Sample ID:				Seq: 29	08:57:00 11 Apr 13	HG		
				240-22829-A-10-E				
Hg	-.1444	ppb	.0000	-.1444				
*** Sample ID:				Seq: 30	08:58:44 11 Apr 13	HG		
				240-22829-A-10-F MS				
Hg	5.201	ppb	.0000	5.201				
*** Sample ID:				Seq: 31	09:00:41 11 Apr 13	HG		
				240-22829-A-10-G MSD				
Hg	5.155	ppb	.0000	5.155				
*** Sample ID:				Seq: 32	09:02:25 11 Apr 13	HG		
				MB 240-81277/1-A				
Hg	-.1799	ppb	.0000	-.1799				

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 33	09:04:08 11 Apr 13	HG		
				LCS 240-81277/2-A				
Hg	4.646	ppb	.0000	4.646				
*** Check Standard: 6 Ck6CCV				Seq: 34	09:06:00 11 Apr 13	HG		
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		107.0	5.348	5.000	ppb	.0000		
*** Check Standard: 1 Ck1CCB				Seq: 35	09:08:04 11 Apr 13	HG		
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		.0397	.2000	ppb	.0000			
*** Sample ID:				Seq: 36	09:09:49 11 Apr 13	HG		
				240-22929-D-1-A				
Hg	-.1197	ppb	.0000	-.1197				
*** Sample ID:				Seq: 37	09:11:37 11 Apr 13	HG		
				240-22929-D-1-B MS				
Hg	.9427	ppb	.0000	.9427				
*** Sample ID:				Seq: 38	09:13:23 11 Apr 13	HG		
				240-22929-D-1-C MSD				
Hg	.9653	ppb	.0000	.9653				
*** Sample ID:				Seq: 39	09:15:14 11 Apr 13	HG		
				240-22929-E-2-A				
Hg	-.1286	ppb	.0000	-.1286				
*** Sample ID:				Seq: 40	09:16:55 11 Apr 13	HG		
				240-22929-D-3-A				
Hg	-.1248	ppb	.0000	-.1248				
*** Sample ID:				Seq: 41	09:18:39 11 Apr 13	HG		
				240-22929-D-4-A				
Hg	-.1261	ppb	.0000	-.1261				
*** Sample ID:				Seq: 42	09:22:12 11 Apr 13	HG		
				240-22929-D-5-A				
Hg	-.1274	ppb	.0000	-.1274				
*** Sample ID:				Seq: 43	09:24:20 11 Apr 13	HG		
				240-22929-D-6-A				
Hg	-.1238	ppb	.0000	-.1238				
*** Sample ID:				Seq: 44	09:26:35 11 Apr 13	HG		
				240-22929-D-7-A				
Hg	-.1286	ppb	.0000	-.1286				
*** Sample ID:				Seq: 45	09:28:21 11 Apr 13	HG		
				240-22929-E-8-A				
Hg	-.1314	ppb	.0000	-.1314				
*** Check Standard: 6 Ck6CCV				Seq: 46	09:30:14 11 Apr 13	HG		
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		108.4	5.422	5.000	ppb	.0000		
*** Check Standard: 1 Ck1CCB				Seq: 47	09:31:57 11 Apr 13	HG		
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.0106	.2000	ppb	.0000			
*** Sample ID:				Seq: 48	09:33:41 11 Apr 13	HG		
				240-22929-D-9-A				
Hg	-.1223	ppb	.0000	-.1223				

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID:					Seq: 49		09:35:45 11 Apr 13		HG
				240-22929-E-10-A					
Hg	-.1355	ppb	.0000	-.1355					
*** Sample ID:					Seq: 50		09:38:50 11 Apr 13		HG
				240-22929-E-11-A					
Hg	-.1365	ppb	.0000	-.1365					
*** Sample ID:					Seq: 51		09:40:32 11 Apr 13		HG
				240-22929-D-12-A					
Hg	-.1304	ppb	.0000	-.1304					
*** Sample ID:					Seq: 52		09:43:18 11 Apr 13		HG
				240-22929-D-13-A					
Hg	-.1319	ppb	.0000	-.1319					
*** Sample ID:					Seq: 53		09:46:41 11 Apr 13		HG
				240-22959-N-1-A					
Hg	.0369	ppb	.0000	.0369					
*** Sample ID:					Seq: 54		09:48:24 11 Apr 13		HG
				240-22811-A-5-B					
Hg	-.1545	ppb	.0000	-.1545					
*** Sample ID:					Seq: 55		09:51:20 11 Apr 13		HG
				MB 240-81297/1-A					
Hg	-.1309	ppb	.0000	-.1309					
*** Sample ID:					Seq: 56		09:53:48 11 Apr 13		HG
				LCS 240-81297/2-A					
Hg	5.195	ppb	.0000	5.195					
*** Sample ID:					Seq: 57		09:55:41 11 Apr 13		HG
				240-22882-K-6-A					
Hg	-.1423	ppb	.0000	-.1423					
*** Check Standard: 6 Ck6CCV					Seq: 58		09:57:25 11 Apr 13		HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		107.7	5.384	5.000	ppb	.0000			
*** Check Standard: 1 Ck1CCB					Seq: 59		09:59:09 11 Apr 13		HG
Line	Flag	Found	Range(+/-)	Units	SD/RSD				
Hg		.0171	.2000	ppb	.0000				
*** Sample ID:					Seq: 60		10:01:02 11 Apr 13		HG
				240-22882-K-6-B MS					
Hg	.9780	ppb	.0000	.9780					
*** Sample ID:					Seq: 61		10:03:24 11 Apr 13		HG
				240-22882-K-6-C MSD					
Hg	.9577	ppb	.0000	.9577					
*** Sample ID:					Seq: 62		10:05:39 11 Apr 13		HG
				240-22803-C-1-A					
Hg	-.1274	ppb	.0000	-.1274					
*** Sample ID:					Seq: 63		10:08:44 11 Apr 13		HG
				240-22816-D-9-A					
Hg	-.1266	ppb	.0000	-.1266					
*** Sample ID:					Seq: 64		10:10:32 11 Apr 13		HG
				240-22816-E-10-A					
Hg	-.1411	ppb	.0000	-.1411					

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 65 10:12:38 11 Apr 13 HG
240-22816-D-11-A
Hg -.1139 ppb .0000 -.1139

*** Sample ID: Seq: 66 10:14:20 11 Apr 13 HG
240-22816-D-12-A
Hg -.1304 ppb .0000 -.1304

*** Sample ID: Seq: 67 10:16:43 11 Apr 13 HG
240-22878-D-1-A
Hg -.0969 ppb .0000 -.0969

*** Sample ID: Seq: 68 10:18:26 11 Apr 13 HG
240-22882-D-1-A
Hg -.1276 ppb .0000 -.1276

*** Sample ID: Seq: 69 10:20:20 11 Apr 13 HG
240-22882-D-2-A
Hg -.1317 ppb .0000 -.1317

*** Check Standard: 6 Ck6CCV Seq: 70 10:22:17 11 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		107.4	5.371	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 71 10:24:01 11 Apr 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.0069	.2000	ppb	.0000

*** Sample ID: Seq: 72 10:25:46 11 Apr 13 HG
240-22882-D-3-A
Hg -.1330 ppb .0000 -.1330

*** Sample ID: Seq: 73 10:27:40 11 Apr 13 HG
240-22882-D-4-A
Hg -.1276 ppb .0000 -.1276

*** Sample ID: Seq: 74 10:29:42 11 Apr 13 HG
240-22882-D-5-A
Hg -.1258 ppb .0000 -.1258

*** Sample ID: Seq: 75 10:31:41 11 Apr 13 HG
240-22882-D-7-A
Hg -.1264 ppb .0000 -.1264

*** Sample ID: Seq: 76 10:33:28 11 Apr 13 HG
240-22882-D-8-A
Hg -.1187 ppb .0000 -.1187

*** Sample ID: Seq: 77 10:35:14 11 Apr 13 HG
240-22882-D-9-A
Hg -.1215 ppb .0000 -.1215

*** Sample ID: Seq: 78 10:37:27 11 Apr 13 HG
240-22882-D-10-A
Hg -.1088 ppb .0000 -.1088

*** Sample ID: Seq: 79 10:39:13 11 Apr 13 HG
240-22882-D-11-A
Hg -.1185 ppb .0000 -.1185

*** Sample ID: Seq: 80 10:41:00 11 Apr 13 HG
240-22882-D-12-A
Hg -.1312 ppb .0000 -.1312

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 6 Ck6CCV Seq: 81 10:46:21 11 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		109.6	5.480	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 82 10:48:12 11 Apr 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.0255	.2000	ppb	.0000

*** Sample ID: Seq: 83 10:50:03 11 Apr 13 HG
240-22883-C-1-A

Hg	-.0824	ppb	.0000	-.0824

*** Sample ID: Seq: 84 10:51:46 11 Apr 13 HG
240-22883-C-2-A

Hg	-.1182	ppb	.0000	-.1182

*** Check Standard: 6 Ck6CCV Seq: 85 10:53:28 11 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		106.9	5.344	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 86 10:55:09 11 Apr 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0162	.2000	ppb	.0000

TestAmerica North Canton Hg Data Review Checklist

Run/Project Information:

Circle Methods used: 7470A / 245.1 : (7471:)

Run Date: 4/11/2013 Analyst: A. Sutherland Instrument: H1

Review Items A. Calibration/Instrument Run QC	Yes	No	N/A	2nd Level
1. Instrument calibrated per manufacturer's instructions and at SOP specified levels?	✓			✓
2. ICV/CCV analyzed at appropriate frequency and within control limits?	✓			✓
3. ICB/CCB analyzed at appropriate frequency and within +/- RL?	✓			✓
4. CRA run?	✓			✓
B. Sample Results				
1. Were samples with concentrations > high calibration standard diluted and reanalyzed?			✓	
2. All reported results bracketed by in control QC?	✓			✓
3. Sample analyses done within holding time?	✓			✓
C. Preparation/ Matrix QC				
1. LCS done per prep batch and within QC limits?	✓			✓
2. Method blank done per prep batch and < RL?	✓			✓
3. MS run at required frequency and within limits?	✓			✓
4. MSD or DU run at required frequency and RPD within SOP limits?	✓			✓
D. Other				
1. Are all nonconformances documented appropriately?			✓	
2. Current IDL/MDL data on file?	✓			✓
3. Calculations and Transcription checked for error?	✓			✓
4. All client/project specific requirements met?	✓			✓
5. Date of analysis verified as correct?	✓			✓

Level I

Analyst: [signature] Date/Time: 4/11/2013 Reviewed from 10:20 to 13:27

Analyst: _____ Date/Time: _____ Reviewed from _____ to _____

Comments: _____

Level II

Reviewer: [signature] Date/Time: 4-11-13 Reviewed from 10:20 to 15:27

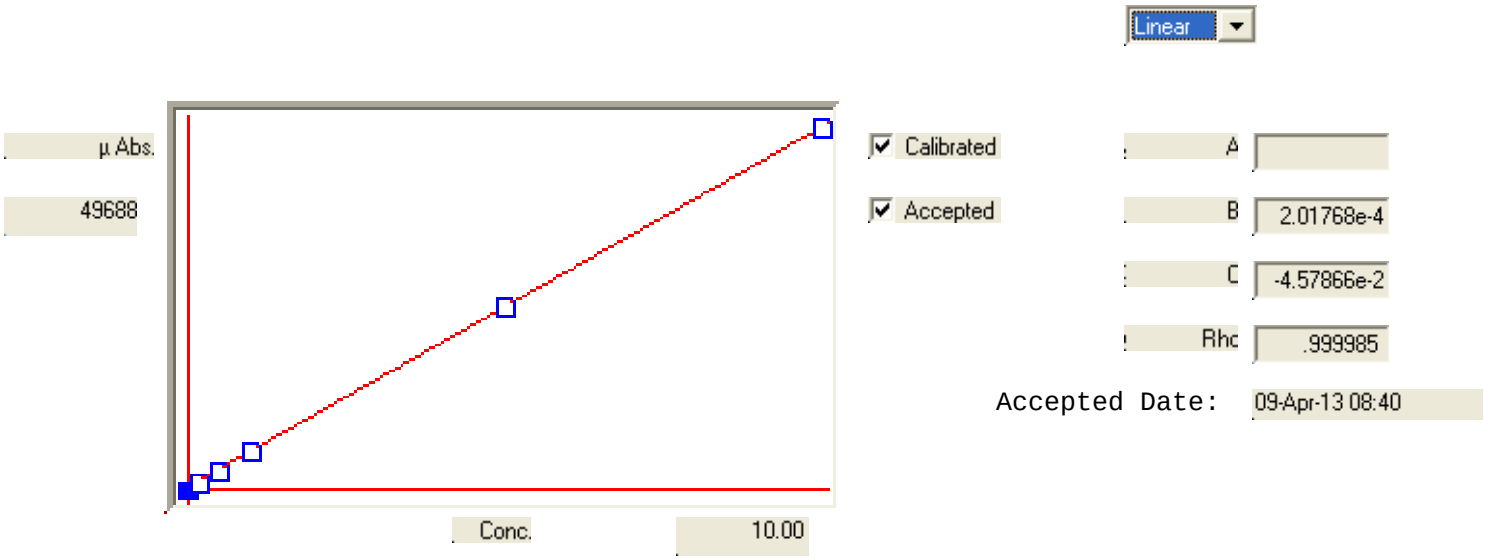
Reviewer: _____ Date/Time: _____ Reviewed from _____ to _____

Comments _____

Curve Date 4/11/2013 Curve Time 9:05-9:35 DILUTION H20 80014

Revised 11/29/2012

Protocol: 0409AHG4



S	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
01	.00000	-.0008	-.0008	224	0	223				
02	.20000	.1864	-.0136	1151	0%	1151				
03	.50000	.4943	-.0057	2678	0%	2677				
04	1.0000	.9988	-.0012	5177	0%	5177				
05	5.0000	5.042	.0416	25215	0%	25214				
06	10.000	9.980	-.0204	49688	0%	49688				
07										
08										
09										
10										

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Standard: 1 Rep: 1				Seq: 1		08:26:30 09 Apr 13			HG
Hg	.0000	ppb	6						
*** Standard: 2 Rep: 1				Seq: 2		08:28:22 09 Apr 13			HG
Hg	.2000	ppb	19						
*** Standard: 1 Rep: 1				Seq: 3		08:31:14 09 Apr 13			HG
Hg	.0000	ppb	223						
*** Standard: 2 Rep: 1				Seq: 4		08:32:59 09 Apr 13			HG
Hg	.2000	ppb	1151						
*** Standard: 3 Rep: 1				Seq: 5		08:34:50 09 Apr 13			HG
Hg	.5000	ppb	2677						
*** Standard: 4 Rep: 1				Seq: 6		08:36:34 09 Apr 13			HG
Hg	1.000	ppb	5177						
*** Standard: 5 Rep: 1				Seq: 7		08:38:28 09 Apr 13			HG
Hg	5.000	ppb	25214						
*** Standard: 6 Rep: 1				Seq: 8		08:40:12 09 Apr 13			HG
Hg	10.00	ppb	49688						

*** Check Standard: 2 Ck2ICV				Seq: 9	08:42:05 09 Apr 13	HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.7	2.542	2.500	ppb	.0000

*** Check Standard: 3 Ck3ICB				Seq: 10	08:44:08 09 Apr 13	HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		^^^^^^	-.0077	.0000	ppb	.0000

*** Check Standard: 4 Ck4CRA\MRL				Seq: 11	08:46:03 09 Apr 13	HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		100.3	.2006	.2000	ppb	.0000

*** Check Standard: 6 Ck6CCV				Seq: 12	09:11:09 09 Apr 13	HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		99.00	4.950	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB			Seq: 13	09:12:51 09 Apr 13	HG
Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0286	.6000	ppb	.0000

*** Sample ID:				Seq: 14	09:14:37 09 Apr 13	HG
			MB 240-80967/1-A			
Hg	.0886	ppb	.0000	.0886		

*** Sample ID:				Seq: 15	09:16:27 09 Apr 13	HG
			LCS 240-80967/2-A			
Hg	5.013	ppb	.0000	5.013		

*** Sample ID:				Seq: 16	09:18:29 09 Apr 13	HG
			240-22559-G-28-B			
Hg	.1304	ppb	.0000	.1304		

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 17 09:21:21 09 Apr 13 HG
240-22559-G-28-C DU
Hg .1366 ppb .0000 .1366

*** Sample ID: Seq: 18 09:23:27 09 Apr 13 HG
240-22559-G-28-D MS
Hg 1.221 ppb .0000 1.221

*** Sample ID: Seq: 19 09:25:21 09 Apr 13 HG
240-22559-G-29-B
Hg .0682 ppb .0000 .0682

*** Sample ID: Seq: 20 09:27:02 09 Apr 13 HG
240-22559-D-31-B
Hg .1364 ppb .0000 .1364

*** Sample ID: Seq: 21 09:28:57 09 Apr 13 HG
240-22562-C-1-B
Hg .1447 ppb .0000 .1447

*** Sample ID: Seq: 22 09:31:31 09 Apr 13 HG
240-22562-C-2-B
Hg .1723 ppb .0000 .1723

*** Sample ID: Seq: 23 09:33:34 09 Apr 13 HG
240-22562-C-3-B
Hg .1094 ppb .0000 .1094

*** Check Standard: 6 Ck6CCV Seq: 24 09:35:28 09 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		105.3	5.267	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 25 09:37:23 09 Apr 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0050	.6000	ppb	.0000

*** Sample ID: Seq: 26 09:39:07 09 Apr 13 HG
240-22562-C-4-B
Hg .1132 ppb .0000 .1132

*** Sample ID: Seq: 27 09:40:48 09 Apr 13 HG
240-22562-C-5-B
Hg .0882 ppb .0000 .0882

*** Sample ID: Seq: 28 09:42:30 09 Apr 13 HG
240-22562-I-6-B
Hg .0684 ppb .0000 .0684

*** Sample ID: Seq: 29 09:45:01 09 Apr 13 HG
240-22562-D-7-B
Hg .1465 ppb .0000 .1465

*** Sample ID: Seq: 30 09:47:25 09 Apr 13 HG
240-22562-C-8-B
Hg .1293 ppb .0000 .1293

*** Sample ID: Seq: 31 09:49:09 09 Apr 13 HG
240-22562-C-9-A
Hg .0311 ppb .0000 .0311

*** Sample ID: Seq: 32 09:51:05 09 Apr 13 HG
240-22562-C-11-A
Hg .1059 ppb .0000 .1059

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 33 09:52:59 09 Apr 13 HG
240-22562-C-12-A

Hg	.0555	ppb	.0000	.0555				

*** Sample ID: Seq: 34 09:54:43 09 Apr 13 HG
240-22562-C-13-A

Hg	.1481	ppb	.0000	.1481				

*** Sample ID: Seq: 35 09:56:59 09 Apr 13 HG
240-22562-D-17-A

Hg	.2772	ppb	.0000	.2772				

*** Check Standard: 6 Ck6CCV Seq: 36 09:58:51 09 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		105.2	5.261	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 37 10:00:35 09 Apr 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0210	.6000	ppb	.0000

*** Sample ID: Seq: 38 10:03:07 09 Apr 13 HG
240-22562-C-18-B

Hg	.1493	ppb	.0000	.1493				

*** Sample ID: Seq: 39 10:05:32 09 Apr 13 HG
240-22562-C-19-B

Hg	.1118	ppb	.0000	.1118				

*** Sample ID: Seq: 40 10:07:27 09 Apr 13 HG
240-22562-C-20-B

Hg	.0777	ppb	.0000	.0777				

*** Sample ID: Seq: 41 10:09:22 09 Apr 13 HG
240-22562-D-21-A

Hg	.1279	ppb	.0000	.1279				

*** Sample ID: Seq: 42 10:11:05 09 Apr 13 HG
MB 240-81005/1-A

Hg	-.0135	ppb	.0000	-.0135				

*** Sample ID: Seq: 43 10:13:27 09 Apr 13 HG
LCS 240-81005/2-A

Hg	5.233	ppb	.0000	5.233				

*** Sample ID: Seq: 44 10:15:10 09 Apr 13 HG
240-22562-E-22-E

Hg	.1027	ppb	.0000	.1027				

*** Sample ID: Seq: 45 10:16:52 09 Apr 13 HG
240-22562-E-22-F DU

Hg	.1289	ppb	.0000	.1289				

*** Sample ID: Seq: 46 10:18:45 09 Apr 13 HG
240-22562-E-22-G MS

Hg	1.210	ppb	.0000	1.210				

*** Sample ID: Seq: 47 10:20:28 09 Apr 13 HG
240-22562-F-30-E

Hg	.0803	ppb	.0000	.0803				

*** Check Standard: 6 Ck6CCV Seq: 48 10:22:22 09 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		105.2	5.260	5.000	ppb	.0000

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 1 Ck1CCB Seq: 49 10:24:05 09 Apr 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0230	.6000	ppb	.0000

*** Sample ID: Seq: 50 10:25:51 09 Apr 13 HG
240-22562-F-30-F DU

Hg	.1063	ppb	.0000	.1063

*** Sample ID: Seq: 51 10:27:33 09 Apr 13 HG
240-22562-F-30-G MS

Hg	1.194	ppb	.0000	1.194

*** Sample ID: Seq: 52 10:29:27 09 Apr 13 HG
240-22562-D-31-E

Hg	.0827	ppb	.0000	.0827

*** Sample ID: Seq: 53 10:31:21 09 Apr 13 HG
240-22562-D-31-F DU

Hg	.1104	ppb	.0000	.1104

*** Sample ID: Seq: 54 10:33:57 09 Apr 13 HG
240-22562-D-31-G MS

Hg	1.162	ppb	.0000	1.162

*** Sample ID: Seq: 55 10:35:38 09 Apr 13 HG
240-22562-C-23-B

Hg	.0850	ppb	.0000	.0850

*** Sample ID: Seq: 56 10:37:29 09 Apr 13 HG
240-22562-D-24-D

Hg	.1665	ppb	.0000	.1665

*** Sample ID: Seq: 57 10:39:52 09 Apr 13 HG
240-22562-C-25-B

Hg	.1235	ppb	.0000	.1235

*** Sample ID: Seq: 58 10:42:14 09 Apr 13 HG
240-22562-C-26-A

Hg	.0232	ppb	.0000	.0232

*** Sample ID: Seq: 59 10:44:07 09 Apr 13 HG
240-22562-C-27-B

Hg	.1703	ppb	.0000	.1703

*** Check Standard: 6 Ck6CCV Seq: 60 10:46:03 09 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		105.5	5.273	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 61 10:47:56 09 Apr 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0052	.6000	ppb	.0000

*** Sample ID: Seq: 62 10:49:44 09 Apr 13 HG
240-22562-C-28-B

Hg	.0654	ppb	.0000	.0654

*** Sample ID: Seq: 63 10:51:39 09 Apr 13 HG
240-22562-D-29-D

Hg	.1689	ppb	.0000	.1689

*** Sample ID: Seq: 64 10:53:25 09 Apr 13 HG
240-22562-C-32-B

Hg	.0745	ppb	.0000	.0745

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 65 10:55:39 09 Apr 13 HG
240-22562-D-33-D
Hg .1265 ppb .0000 .1265

*** Sample ID: Seq: 66 10:57:23 09 Apr 13 HG
240-22648-C-1-B
Hg .1624 ppb .0000 .1624

*** Sample ID: Seq: 67 10:59:18 09 Apr 13 HG
240-22648-C-2-B
Hg .1526 ppb .0000 .1526

*** Sample ID: Seq: 68 11:01:12 09 Apr 13 HG
240-22648-C-3-B
Hg .1074 ppb .0000 .1074

*** Sample ID: Seq: 69 11:03:04 09 Apr 13 HG
240-22648-C-4-B
Hg .1604 ppb .0000 .1604

*** Sample ID: Seq: 70 11:05:18 09 Apr 13 HG
240-22648-C-5-B
Hg .1641 ppb .0000 .1641

*** Sample ID: Seq: 71 11:07:02 09 Apr 13 HG
240-22648-C-6-B
Hg .0950 ppb .0000 .0950

*** Check Standard: 6 Ck6CCV Seq: 72 11:08:46 09 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		104.9	5.247	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 73 11:10:58 09 Apr 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.0038	.6000	ppb	.0000

*** Sample ID: Seq: 74 11:12:51 09 Apr 13 HG
240-22648-C-7-B
Hg .1415 ppb .0000 .1415

*** Sample ID: Seq: 75 11:14:39 09 Apr 13 HG
240-22648-C-8-B
Hg .2030 ppb .0000 .2030

*** Sample ID: Seq: 76 11:17:13 09 Apr 13 HG
Ck4CRA\MRL
Hg .2155 ppb .0000 .2155

*** Check Standard: 6 Ck6CCV Seq: 77 11:20:41 09 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		104.8	5.241	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 78 11:23:45 09 Apr 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.0032	.6000	ppb	.0000

TestAmerica North Canton Hg Data Review Checklist

Run/Project Information:

Circle Methods used: 7470A / 245.1 : (7471:)

Run Date: 4/9/2013 Analyst: A. Sutherland Instrument: H4 - 81267

Review Items

A. Calibration/Instrument Run QC	Yes	No	N/A	2nd Level
1. Instrument calibrated per manufacturer's instructions and at SOP specified levels?	✓			✓
2. ICV/CCV analyzed at appropriate frequency and within control limits?	✓			✓
3. ICB/CCB analyzed at appropriate frequency and within +/- RL?	✓			✓
4. CRA run?	✓			✓
B. Sample Results				
1. Were samples with concentrations > high calibration standard diluted and reanalyzed?			✓	
2. All reported results bracketed by in control QC?	✓			✓
3. Sample analyses done within holding time?	✓			✓
C. Preparation/ Matrix QC				
1. LCS done per prep batch and within QC limits?	✓			✓
2. Method blank done per prep batch and < RL?	✓			✓
3. MS run at required frequency and within limits?	✓			✓
4. MSD or DU run at required frequency and RPD within SOP limits?	✓			✓
D. Other				
1. Are all nonconformances documented appropriately?			✓	
2. Current IDL/MDL data on file?	✓			✓
3. Calculations and Transcription checked for error?	✓			✓
4. All client/project specific requirements met?	✓			✓
5. Date of analysis verified as correct?	✓			✓

Level I

Analyst: [signature] Date/Time: 4/10/2013 Reviewed from 8:26 to 11:23

Analyst: _____ Date/Time: _____ Reviewed from _____ to _____

Comments: _____

Level II

Reviewer: [signature] Date/Time: 4/10/13 Reviewed from 8:26 to 11:23

Reviewer: _____ Date/Time: _____ Reviewed from _____ to _____

Comments _____

Curve Date 4/8/2013 Curve Time 9:35-10:05 DILUTION H20 0000 14

Revised 11/29/2012

Dilution Corrected Concentrations

STD1 809429 INT STD 5/1/2013 8:36:27 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:37:10	99.914%	0.006	-0.404	0.006	0.000	-0.377	0.079	-0.049
2	20:37:53	100.533%	-0.003	0.035	-0.018	0.000	-0.069	-0.092	-0.006
3	20:38:36	99.553%	-0.003	0.368	0.013	0.000	0.446	0.012	0.055
x		100.000%	0.000	-0.000	0.000	0.000	-0.000	0.000	-0.000
σ		0.496%	0.006	0.387	0.016	0.000	0.416	0.086	0.052
%RSD		0.496	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:37:10	0.015	0.221	0.000	-0.730	-2.863	-0.306	100.407%	0.133
2	20:37:53	-0.047	-0.205	0.000	0.952	-0.725	0.336	100.071%	0.086
3	20:38:36	0.033	-0.016	0.000	-0.223	3.589	-0.029	99.522%	-0.219
x		-0.000	-0.000	0.000	-0.000	0.000	-0.000	100.000%	-0.000
σ		0.042	0.213	0.000	0.863	3.287	0.322	0.446%	0.191
%RSD		0.000	0.000	0.000	0.000	0.000	0.000	0.446	0.000

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:37:10	0.002	0.024	-0.015	0.092	0.019	0.002	-0.013	-0.004
2	20:37:53	0.005	-0.000	0.013	0.017	0.464	0.005	0.003	0.019
3	20:38:36	-0.007	-0.024	0.002	-0.110	-0.483	-0.007	0.011	-0.015
x		0.000	0.000	-0.000	-0.000	-0.000	-0.000	0.000	-0.000
σ		0.006	0.024	0.014	0.102	0.474	0.006	0.012	0.017
%RSD		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:37:10	-0.000	0.058	0.009	-0.197	0.115	-0.733	0.000	-0.003
2	20:37:53	-0.019	-0.019	-0.000	0.125	-0.161	0.424	0.000	0.004
3	20:38:36	0.020	-0.040	-0.009	0.072	0.046	0.309	0.000	-0.001
x		-0.000	-0.000	-0.000	0.000	0.000	0.000	0.000	0.000
σ		0.020	0.052	0.009	0.173	0.143	0.637	0.000	0.004
%RSD		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:37:10	100.362%	-0.010	-0.000	100.420%	-0.004	-0.004	0.017	0.011
2	20:37:53	100.021%	-0.002	-0.003	99.998%	0.003	-0.001	-0.025	-0.012
3	20:38:36	99.617%	0.012	0.003	99.582%	0.001	0.005	0.008	0.000
x		100.000%	-0.000	-0.000	100.000%	0.000	0.000	0.000	0.000
σ		0.373%	0.011	0.003	0.419%	0.003	0.005	0.022	0.012
%RSD		0.373	0.000	0.000	0.419	0.000	0.000	0.000	0.000

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:37:10	99.956%	0.014	0.017	-0.015	-0.005	-0.001	100.913%	100.244%
2	20:37:53	100.350%	0.009	-0.012	0.018	0.002	0.006	100.602%	100.312%
3	20:38:36	99.694%	-0.023	-0.004	-0.003	0.003	-0.005	98.485%	99.444%
x		100.000%	0.000	-0.000	-0.000	-0.000	-0.000	100.000%	100.000%
σ		0.330%	0.020	0.015	0.016	0.004	0.006	1.322%	0.483%
%RSD		0.330	0.000	0.000	0.000	0.000	0.000	1.322	0.483

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	20:37:10	0.000	-0.000	0.001	-0.003	-0.001	105.394%
2	20:37:53	-0.000	-0.004	0.004	0.011	0.005	100.306%
3	20:38:36	-0.000	0.004	-0.005	-0.009	-0.004	94.300%
x		0.000	-0.000	0.000	0.000	0.000	100.000%
σ		0.000	0.004	0.005	0.010	0.004	5.553%
%RSD		0.000	0.000	0.000	0.000	0.000	5.553

STD2 781421 5/1/2013 8:42:18 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:43:01	92.967%	198.600	-0.512	-0.029	0.000	100100.000	99950.000	99530.000
2	20:43:44	93.863%	199.900	0.001	-0.002	0.000	99990.000	100200.000	100100.000
3	20:44:27	95.508%	201.500	0.593	-0.294	0.000	99870.000	99820.000	100400.000
x		94.113%	200.000	0.027	-0.108	0.000	100000.000	100000.000	100000.000
σ		1.289%	1.465	0.553	0.162	0.000	132.600	209.500	425.600
%RSD		1.369	0.732	2014.000	149.300	0.000	0.133	0.209	0.426

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:43:01	1006.000	10.060	0.000	100000.000	99590.000	99550.000	95.752%	-0.324
2	20:43:44	994.000	9.223	0.000	99520.000	99660.000	99430.000	97.174%	-0.280
3	20:44:27	1000.000	9.719	0.000	100500.000	100800.000	101000.000	98.443%	-0.263
x		1000.000	9.667	0.000	100000.000	100000.000	100000.000	97.123%	-0.289
σ		6.074	0.420	0.000	476.900	656.200	890.200	1.346%	0.031
%RSD		0.607	4.347	0.000	0.477	0.656	0.890	1.386	10.810

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:43:01	198.600	198.600	992.200	49710.000	49310.000	199.100	199.200	200.200
2	20:43:44	199.700	200.400	999.400	49840.000	49980.000	198.400	200.300	199.300
3	20:44:27	201.700	201.000	1008.000	50450.000	50710.000	202.500	200.400	200.500
x		200.000	200.000	1000.000	50000.000	50000.000	200.000	200.000	200.000
σ		1.544	1.241	8.161	393.800	700.300	2.207	0.662	0.612
%RSD		0.772	0.620	0.816	0.788	1.401	1.104	0.331	0.306

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:43:01	197.100	200.500	200.500	199.500	200.300	198.000	0.000	199.500
2	20:43:44	198.300	199.600	198.000	201.700	200.600	203.000	0.000	200.000
3	20:44:27	204.600	199.900	201.600	198.800	199.100	199.000	0.000	200.500
x		200.000	200.000	200.000	200.000	200.000	200.000	0.000	200.000
σ		4.036	0.485	1.834	1.544	0.812	2.601	0.000	0.489
%RSD		2.018	0.242	0.917	0.772	0.406	1.300	0.000	0.245

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:43:01	94.037%	0.224	0.264	88.292%	200.000	200.200	201.700	199.400
2	20:43:44	95.622%	0.224	0.279	90.292%	199.800	199.300	200.400	200.600
3	20:44:27	97.854%	0.283	0.240	92.548%	200.200	200.500	197.900	200.000
x		95.838%	0.243	0.261	90.377%	200.000	200.000	200.000	200.000
σ		1.918%	0.034	0.020	2.130%	0.207	0.597	1.930	0.628
%RSD		2.001	14.050	7.552	2.356	0.104	0.299	0.965	0.314

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:43:01	92.161%	0.002	0.121	0.091	198.100	199.200	95.640%	95.457%
2	20:43:44	93.199%	0.037	0.093	0.093	201.100	199.200	96.946%	97.132%
3	20:44:27	95.816%	0.023	0.105	0.133	200.800	201.600	99.054%	99.457%
x		93.726%	0.021	0.106	0.106	200.000	200.000	97.213%	97.349%
σ		1.884%	0.018	0.014	0.024	1.614	1.410	1.722%	2.009%
%RSD		2.010	87.310	13.410	22.340	0.807	0.705	1.772	2.064

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	20:43:01	198.700	198.400	197.100	197.600	197.300	87.310%
2	20:43:44	199.600	200.000	201.300	200.700	200.800	89.059%
3	20:44:27	201.600	201.600	201.600	201.700	202.000	91.293%
x		200.000	200.000	200.000	200.000	200.000	89.221%
σ		1.480	1.604	2.484	2.112	2.456	1.997%
%RSD		0.740	0.802	1.242	1.056	1.228	2.238

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:47:49	96.201%	0.166	202.000	198.900	0.000	70.670	58.530	56.110
2	20:48:32	96.669%	0.096	198.700	200.000	0.000	66.170	54.220	52.490
3	20:49:15	97.012%	0.195	199.300	201.100	0.000	63.120	49.850	51.090
x		96.627%	0.152	200.000	200.000	0.000	66.660	54.200	53.230
σ		0.407%	0.051	1.788	1.139	0.000	3.797	4.344	2.592
%RSD		0.421	33.270	0.894	0.569	0.000	5.697	8.014	4.870

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:47:49	12.440	10050.000	0.000	54.250	69.540	124.900	100.754%	193.300
2	20:48:32	11.650	10050.000	0.000	52.510	53.490	116.700	98.874%	203.400
3	20:49:15	10.820	9907.000	0.000	52.040	53.930	129.900	98.043%	203.300
x		11.640	10000.000	0.000	52.930	58.990	123.800	99.224%	200.000
σ		0.808	80.420	0.000	1.168	9.144	6.645	1.389%	5.807
%RSD		6.944	0.804	0.000	2.206	15.500	5.367	1.399	2.903

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:47:49	0.110	-0.002	2.168	49.210	50.050	0.155	0.205	0.382
2	20:48:32	0.054	-0.014	1.940	41.790	44.980	0.150	0.194	0.305
3	20:49:15	0.052	0.033	1.882	38.800	38.360	0.118	0.147	0.311
x		0.072	0.006	1.997	43.270	44.460	0.141	0.182	0.333
σ		0.033	0.024	0.151	5.364	5.862	0.020	0.031	0.043
%RSD		45.800	425.300	7.557	12.400	13.190	14.350	16.910	13.030

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:47:49	0.291	2.640	2.804	0.527	1.509	1.191	0.000	0.271
2	20:48:32	0.291	2.875	2.941	0.370	1.470	0.638	0.000	0.252
3	20:49:15	0.327	2.848	2.887	0.567	0.628	1.164	0.000	0.233
x		0.303	2.788	2.877	0.488	1.203	0.998	0.000	0.252
σ		0.021	0.129	0.069	0.104	0.498	0.312	0.000	0.019
%RSD		6.788	4.620	2.401	21.280	41.400	31.260	0.000	7.508

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:47:49	98.906%	197.900	196.400	99.385%	0.260	0.215	0.215	-0.367
2	20:48:32	97.669%	200.500	201.400	98.665%	0.192	0.181	0.335	-0.439
3	20:49:15	97.266%	201.600	202.200	98.304%	0.120	0.186	0.205	-0.463
x		97.947%	200.000	200.000	98.785%	0.191	0.194	0.252	-0.423
σ		0.855%	1.940	3.170	0.551%	0.070	0.019	0.072	0.050
%RSD		0.873	0.970	1.585	0.557	36.660	9.572	28.590	11.720

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:47:49	98.462%	198.900	199.000	199.000	0.248	0.333	97.515%	98.220%
2	20:48:32	98.262%	200.500	199.800	200.500	0.172	0.440	98.504%	99.433%
3	20:49:15	98.141%	200.500	201.100	200.500	0.259	0.350	99.462%	99.549%
x		98.288%	200.000	200.000	200.000	0.226	0.374	98.494%	99.067%
σ		0.162%	0.928	1.059	0.841	0.047	0.058	0.973%	0.736%
%RSD		0.165	0.464	0.529	0.420	20.870	15.390	0.988	0.743

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	20:47:49	0.096	0.105	0.187	0.179	0.186	103.487%
2	20:48:32	0.106	0.096	0.168	0.189	0.185	103.668%
3	20:49:15	0.087	0.091	0.190	0.157	0.183	101.286%
x		0.096	0.097	0.182	0.175	0.185	102.814%
σ		0.009	0.007	0.012	0.016	0.002	1.326%
%RSD		9.854	7.300	6.502	9.403	0.857	1.290

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:52:37	98.680%	78.700	103.700	101.000	0.000	38600.000	38800.000	38670.000
2	20:53:20	97.765%	78.320	98.770	100.800	0.000	39120.000	38390.000	37940.000
3	20:54:04	97.682%	78.080	104.500	103.000	0.000	39600.000	38990.000	38420.000
x		98.042%	97.956%	127.922%	126.977%	0.000	97.768%	96.820%	95.860%
σ		0.554%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		0.565	0.401	3.047	1.183	0.000	1.282	0.796	0.960

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:52:37	394.600	5342.000	0.000	39180.000	38770.000	36930.000	95.034%	81.200
2	20:53:20	389.600	5342.000	0.000	39000.000	38990.000	37030.000	94.725%	82.480
3	20:54:04	396.700	5324.000	0.000	39610.000	39750.000	37550.000	94.507%	81.470
x		98.411%	133.398%	0.000	98.159%	97.928%	92.922%	94.755%	102.146%
σ		n/a	n/a	0.000	n/a	n/a	n/a	0.265%	n/a
%RSD		0.926	0.194	0.000	0.788	1.320	0.894	0.280	0.830

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:52:37	80.090	81.400	392.900	19660.000	19650.000	81.420	81.240	83.740
2	20:53:20	81.340	80.300	393.900	19690.000	19620.000	80.980	82.250	83.300
3	20:54:04	80.360	81.880	400.000	19800.000	19690.000	80.890	82.650	83.630
x		100.743%	101.495%	98.896%	98.564%	98.261%	101.371%	102.554%	104.443%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		0.814	0.998	0.978	0.378	0.159	0.347	0.885	0.275

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:52:37	82.940	82.940	81.340	80.860	82.200	83.760	0.000	74.610
2	20:53:20	83.200	81.390	82.060	79.780	83.100	82.890	0.000	74.840
3	20:54:04	81.680	83.130	82.160	79.660	82.610	82.080	0.000	74.720
x		103.257%	103.105%	102.315%	100.125%	103.297%	103.641%	0.000	93.402%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		0.983	1.159	0.547	0.824	0.540	1.012	0.000	0.156

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:52:37	96.824%	76.980	79.210	93.781%	78.170	78.600	79.640	77.420
2	20:53:20	97.595%	80.130	79.570	93.492%	78.360	79.300	79.720	78.020
3	20:54:04	98.368%	78.390	80.620	94.460%	79.020	78.500	78.380	76.850
x		97.596%	98.122%	99.749%	93.911%	98.147%	98.498%	99.059%	96.788%
σ		0.772%	n/a	n/a	0.497%	n/a	n/a	n/a	n/a
%RSD		0.791	2.008	0.918	0.529	0.572	0.554	0.951	0.754

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:52:37	94.067%	77.580	76.530	76.890	76.670	76.290	94.007%	93.550%
2	20:53:20	95.231%	78.330	77.060	76.610	77.360	75.880	96.652%	96.003%
3	20:54:04	96.753%	77.210	77.010	76.560	75.050	77.850	96.619%	97.280%
x		95.350%	97.131%	96.083%	95.859%	95.449%	95.840%	95.759%	95.611%
σ		1.347%	n/a	n/a	n/a	n/a	n/a	1.518%	1.896%
%RSD		1.413	0.737	0.378	0.234	1.550	1.354	1.585	1.983

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	20:52:37	77.010	75.490	72.400	75.540	73.720	85.834%
2	20:53:20	77.870	77.610	75.010	77.300	75.990	86.906%
3	20:54:04	78.710	77.730	74.950	77.980	76.300	88.278%
x		97.330%	96.181%	92.654%	96.178%	94.170%	87.006%
σ		n/a	n/a	n/a	n/a	n/a	1.225%
%RSD		1.089	1.640	2.009	1.637	1.870	1.408

ICB 5/1/2013 9:00:10 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:00:53	105.109%	0.014	0.389	0.017	0.000	7.503	8.602	7.753
2	21:01:36	106.127%	0.068	-0.426	-0.115	0.000	8.548	10.210	9.990
3	21:02:19	107.556%	0.058	-0.319	-1.240	0.000	12.230	14.360	12.510
x		106.264%	0.047	-0.119	-0.446	0.000	9.428	11.060	10.080
σ		1.229%	0.029	0.443	0.691	0.000	2.484	2.970	2.380
%RSD		1.157	60.850	373.000	154.900	0.000	26.350	26.860	23.600
Run	**Time**	**27Al**	**28Si**	**37Cl**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:00:53	2.279	2.085	0.000	7.983	8.764	9.680	110.750%	-0.667
2	21:01:36	3.150	2.303	0.000	7.669	10.560	11.260	111.906%	-0.739
3	21:02:19	3.785	2.773	0.000	10.890	12.280	15.670	113.366%	-0.697
x		3.072	2.387	0.000	8.847	10.540	12.200	112.007%	-0.701
σ		0.756	0.352	0.000	1.775	1.759	3.107	1.311%	0.036
%RSD		24.620	14.730	0.000	20.060	16.700	25.460	1.170	5.188
Run	**Time**	**51V**	**52Cr**	**55Mn**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**63Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:00:53	-0.005	-0.027	0.445	8.702	5.968	0.019	0.013	0.035
2	21:01:36	0.007	0.036	0.615	9.649	7.076	0.014	0.005	0.005
3	21:02:19	0.012	0.040	0.679	11.080	10.490	0.010	0.019	0.023
x		0.005	0.016	0.580	9.810	7.843	0.014	0.012	0.021
σ		0.009	0.038	0.121	1.197	2.355	0.005	0.007	0.015
%RSD		194.100	231.100	20.820	12.200	30.020	32.120	54.510	72.970
Run	**Time**	**65Cu**	**66Zn**	**68Zn**	**75As**	**78Se**	**82Se**	**83Kr**	**88Sr**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:00:53	0.061	0.052	0.181	0.283	0.323	0.616	0.000	0.057
2	21:01:36	-0.006	0.092	0.121	0.157	0.089	0.479	0.000	0.055
3	21:02:19	0.028	-0.026	0.087	0.283	0.176	0.924	0.000	0.075
x		0.028	0.039	0.130	0.241	0.196	0.673	0.000	0.062
σ		0.033	0.060	0.048	0.073	0.118	0.228	0.000	0.011
%RSD		120.300	151.900	36.680	30.260	60.170	33.870	0.000	18.060
Run	**Time**	**89Y**	**95Mo**	**98Mo**	**103Rh**	**107Ag**	**109Ag**	**111Cd**	**114Cd**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:00:53	108.822%	0.276	0.230	110.761%	0.077	0.084	0.064	0.060
2	21:01:36	111.388%	0.306	0.267	112.190%	0.078	0.068	0.105	0.078
3	21:02:19	111.679%	0.276	0.259	113.623%	0.094	0.071	0.122	0.073
x		110.630%	0.286	0.252	112.191%	0.083	0.074	0.097	0.070
σ		1.572%	0.017	0.019	1.431%	0.010	0.008	0.029	0.009
%RSD		1.421	6.061	7.692	1.275	11.500	11.300	30.350	12.860
Run	**Time**	**115In**	**118Sn**	**121Sb**	**123Sb**	**135Ba**	**137Ba**	**159Tb**	**165Ho**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:00:53	107.366%	-0.137	0.000	-0.009	0.031	0.044	105.924%	106.175%
2	21:01:36	109.092%	-0.144	0.011	0.004	0.005	0.061	108.339%	108.085%
3	21:02:19	110.258%	-0.107	-0.002	0.007	0.059	0.074	108.903%	109.494%
x		108.905%	-0.130	0.003	0.001	0.032	0.060	107.722%	107.918%
σ		1.455%	0.020	0.007	0.009	0.027	0.015	1.582%	1.666%
%RSD		1.336	15.610	234.500	1656.000	85.390	24.930	1.469	1.543
Run	**Time**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	21:00:53	0.009	0.012	0.008	0.011	0.009	111.259%		
2	21:01:36	0.015	0.011	0.014	0.018	0.018	113.738%		
3	21:02:19	0.026	0.012	0.018	0.022	0.024	113.179%		
x		0.017	0.011	0.013	0.017	0.017	112.725%		
σ		0.008	0.001	0.005	0.005	0.008	1.300%		
%RSD		50.320	6.962	37.690	31.610	44.230	1.153		

CRI 806392 5/1/2013 9:08:24 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:09:08	104.756%	1.010	5.233	4.489	0.000	95.050	97.040	98.580
2	21:09:50	105.427%	0.987	3.763	3.768	0.000	95.600	97.170	98.390
3	21:10:33	105.575%	1.156	3.266	3.999	0.000	94.460	95.680	94.320
x		105.253%	105.108%	81.750%	81.707%	0.000	95.039%	96.631%	97.100%
σ		0.437%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		0.415	8.743	25.030	9.008	0.000	0.601	0.852	2.477

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:09:08	33.160	494.200	0.000	91.980	93.320	99.010	106.931%	4.118
2	21:09:50	33.120	489.100	0.000	93.920	100.000	94.590	106.132%	4.855
3	21:10:33	32.630	488.000	0.000	91.730	118.300	95.980	107.897%	4.166
x		109.897%	98.083%	0.000	92.543%	103.878%	96.525%	106.987%	87.593%
σ		n/a	n/a	0.000	n/a	n/a	n/a	0.884%	n/a
%RSD		0.881	0.675	0.000	1.294	12.440	2.340	0.826	9.423

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:09:08	0.904	1.840	5.127	53.360	52.470	0.497	1.100	2.324
2	21:09:50	0.917	1.827	5.351	53.880	55.390	0.482	1.065	2.149
3	21:10:33	0.829	1.868	5.295	52.450	52.450	0.498	1.219	2.015
x		88.348%	92.262%	1051.589%	106.457%	106.876%	98.420%	112.789%	108.138%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		5.387	1.118	2.217	1.358	3.169	1.808	7.153	7.174

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:09:08	2.195	4.889	5.511	1.365	5.256	5.990	0.000	4.510
2	21:09:50	2.430	5.372	5.535	1.032	5.288	4.982	0.000	4.566
3	21:10:33	2.185	5.596	5.067	0.879	5.274	5.820	0.000	4.734
x		113.493%	105.714%	107.420%	109.164%	105.451%	111.951%	0.000	92.070%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		6.123	6.844	4.903	22.770	0.307	9.638	0.000	2.534

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:09:08	104.585%	4.639	4.523	96.247%	0.829	0.816	1.186	1.194
2	21:09:50	105.771%	4.974	4.809	96.746%	0.802	0.842	1.051	1.110
3	21:10:33	106.271%	4.855	4.724	97.791%	0.817	0.848	0.967	1.052
x		105.542%	96.454%	93.711%	96.928%	81.613%	83.537%	106.787%	111.897%
σ		0.866%	n/a	n/a	0.788%	n/a	n/a	n/a	n/a
%RSD		0.820	3.526	3.141	0.813	1.632	2.018	10.320	6.385

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:09:08	99.758%	4.645	1.881	1.946	9.996	9.202	99.474%	99.442%
2	21:09:50	100.668%	4.770	1.991	1.919	9.644	9.797	102.417%	102.367%
3	21:10:33	101.771%	5.069	1.941	1.825	9.153	9.291	103.931%	104.260%
x		100.732%	96.558%	96.874%	94.835%	95.977%	94.302%	101.941%	102.023%
σ		1.008%	n/a	n/a	n/a	n/a	n/a	2.266%	2.427%
%RSD		1.001	4.511	2.843	3.371	4.408	3.401	2.223	2.379

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	21:09:08	0.869	0.867	0.948	0.865	0.913	99.751%
2	21:09:50	0.873	0.902	0.934	0.899	0.932	102.051%
3	21:10:33	0.905	0.884	0.906	0.944	0.913	104.552%
x		88.225%	88.437%	92.939%	90.282%	91.926%	102.118%
σ		n/a	n/a	n/a	n/a	n/a	2.401%
%RSD		2.228	2.006	2.326	4.391	1.185	2.351

CRI 806392 5/1/2013 9:16:38 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:17:21	105.824%	1.001	4.400	2.982	0.000	95.960	101.800	99.480
2	21:18:04	104.748%	1.057	4.295	3.022	0.000	96.230	97.950	99.310
3	21:18:47	104.477%	0.903	3.686	2.805	0.000	96.880	101.900	101.000
x		105.016%	98.686%	82.537%	58.722%	0.000	96.357%	100.542%	99.940%
σ		0.712%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		0.678	7.879	9.342	3.924	0.000	0.486	2.236	0.946

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:17:21	35.670	498.000	0.000	90.790	111.100	96.070	107.132%	4.814
2	21:18:04	35.170	492.400	0.000	94.360	120.600	99.190	105.845%	4.199
3	21:18:47	33.770	493.000	0.000	93.820	97.690	97.700	106.544%	4.985
x		116.225%	98.899%	0.000	92.990%	109.780%	97.652%	106.507%	93.318%
σ		n/a	n/a	0.000	n/a	n/a	n/a	0.644%	n/a
%RSD		2.823	0.621	0.000	2.070	10.470	1.597	0.605	8.861

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:17:21	0.956	1.815	5.509	55.400	56.220	0.475	1.046	2.117
2	21:18:04	0.910	1.903	5.408	54.490	54.340	0.505	1.115	2.138
3	21:18:47	1.032	1.760	5.367	54.300	54.770	0.564	1.116	2.073
x		96.583%	91.302%	1085.580%	109.460%	110.219%	102.870%	109.243%	105.464%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		6.337	3.973	1.343	1.082	1.785	8.780	3.661	1.584

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:17:21	2.420	5.110	5.245	0.745	4.712	4.423	0.000	4.375
2	21:18:04	2.118	5.299	5.432	1.585	5.018	5.793	0.000	4.357
3	21:18:47	1.998	5.113	6.070	1.204	4.972	5.136	0.000	4.297
x		108.938%	103.481%	111.646%	117.772%	98.014%	102.348%	0.000	86.863%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		9.961	2.096	7.743	35.710	3.367	13.380	0.000	0.942

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:17:21	111.265%	4.413	4.529	96.013%	0.825	0.772	1.296	1.202
2	21:18:04	112.799%	4.804	4.917	96.517%	0.856	0.835	1.154	1.077
3	21:18:47	113.428%	4.547	4.928	97.238%	0.828	0.796	1.099	1.101
x		112.497%	91.762%	95.824%	96.589%	83.612%	80.106%	118.300%	112.699%
σ		1.113%	n/a	n/a	0.616%	n/a	n/a	n/a	n/a
%RSD		0.989	4.334	4.749	0.638	2.050	3.925	8.612	5.874

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:17:21	98.044%	4.609	1.899	1.972	9.503	9.424	98.856%	98.742%
2	21:18:04	100.960%	4.733	1.834	1.828	9.418	9.845	102.132%	101.858%
3	21:18:47	102.283%	4.987	2.012	1.951	9.483	9.832	102.549%	103.071%
x		100.429%	95.529%	95.763%	95.844%	94.680%	97.002%	101.179%	101.224%
σ		2.169%	n/a	n/a	n/a	n/a	n/a	2.023%	2.233%
%RSD		2.159	4.040	4.702	4.060	0.473	2.467	1.999	2.206

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	21:17:21	0.915	0.900	0.890	0.953	0.920	99.746%
2	21:18:04	0.892	0.898	0.919	0.933	0.916	102.387%
3	21:18:47	0.898	0.874	0.958	0.928	0.943	103.171%
x		90.138%	89.064%	92.238%	93.767%	92.658%	101.768%
σ		n/a	n/a	n/a	n/a	n/a	1.795%
%RSD		1.310	1.607	3.715	1.398	1.555	1.763

ICSA 787358 5/1/2013 9:24:53 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:25:36	82.462%	0.266	-0.531	-0.302	0.000	99890.000	98000.000	98050.000
2	21:26:19	81.294%	0.352	-0.725	-0.939	0.000	100400.000	99320.000	97900.000
3	21:27:02	81.392%	0.175	-0.691	-0.766	0.000	99790.000	98050.000	97210.000
x		81.716%	0.264	-0.649	-0.669	0.000	100000.000	98460.000	97720.000
σ		0.648%	0.088	0.104	0.330	0.000	319.400	748.200	448.100
%RSD		0.793	33.430	16.000	49.260	0.000	0.319	0.760	0.459

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:25:36	98400.000	30.460	0.000	97800.000	98000.000	98210.000	84.870%	2203.000
2	21:26:19	97260.000	29.900	0.000	98310.000	98950.000	98950.000	83.139%	2206.000
3	21:27:02	95500.000	29.450	0.000	97210.000	98320.000	98240.000	82.852%	2190.000
x		97050.000	29.930	0.000	97770.000	98420.000	98470.000	83.620%	2200.000
σ		1459.000	0.507	0.000	549.700	480.700	421.500	1.092%	8.574
%RSD		1.504	1.692	0.000	0.562	0.488	0.428	1.306	0.390

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:25:36	-0.366	0.051	1.134	97920.000	99170.000	0.328	0.152	1.012
2	21:26:19	-0.111	0.123	1.043	97940.000	99210.000	0.359	-0.060	1.116
3	21:27:02	-0.215	0.120	1.063	96630.000	99210.000	0.286	0.018	1.036
x		-0.230	0.098	1.080	97500.000	99200.000	0.324	0.037	1.055
σ		0.129	0.041	0.048	750.100	24.320	0.037	0.108	0.054
%RSD		55.800	41.860	4.443	0.769	0.025	11.400	293.100	5.127

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:25:36	1.521	3.981	3.191	0.279	1.014	1.184	0.000	4.581
2	21:26:19	1.642	4.240	3.435	0.413	1.121	0.232	0.000	4.513
3	21:27:02	1.552	4.287	3.984	2.050	0.694	0.318	0.000	4.568
x		1.572	4.169	3.537	0.914	0.943	0.578	0.000	4.554
σ		0.063	0.165	0.406	0.987	0.223	0.527	0.000	0.036
%RSD		3.981	3.952	11.490	107.900	23.600	91.110	0.000	0.785

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:25:36	89.372%	2030.000	2115.000	78.644%	1.992	2.335	0.556	0.559
2	21:26:19	89.843%	2036.000	2134.000	78.137%	2.144	2.108	0.467	0.529
3	21:27:02	90.178%	2038.000	2144.000	78.691%	2.116	2.086	0.481	0.501
x		89.798%	2035.000	2131.000	78.491%	2.084	2.176	0.501	0.530
σ		0.405%	4.132	14.810	0.307%	0.081	0.138	0.048	0.029
%RSD		0.451	0.203	0.695	0.392	3.877	6.326	9.570	5.432

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:25:36	80.369%	1.490	0.533	0.537	1.050	0.936	78.795%	79.298%
2	21:26:19	81.119%	1.430	0.512	0.541	1.050	1.005	79.193%	79.560%
3	21:27:02	80.843%	1.372	0.560	0.634	1.178	1.055	79.014%	79.786%
x		80.777%	1.431	0.535	0.571	1.093	0.999	79.001%	79.548%
σ		0.380%	0.059	0.024	0.055	0.074	0.060	0.199%	0.244%
%RSD		0.470	4.132	4.474	9.623	6.776	6.021	0.252	0.307

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	21:25:36	0.295	0.313	0.776	0.794	0.763	77.987%
2	21:26:19	0.302	0.296	0.689	0.740	0.708	78.363%
3	21:27:02	0.284	0.315	0.653	0.779	0.693	77.891%
x		0.294	0.308	0.706	0.771	0.721	78.080%
σ		0.009	0.010	0.063	0.028	0.037	0.250%
%RSD		3.140	3.313	8.931	3.626	5.130	0.320

ICSAB 787359 5/1/2013 9:33:07 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:33:50	81.623%	18.330	43.500	45.640	0.000	97970.000	96380.000	96140.000
2	21:34:33	82.139%	19.520	44.680	44.010	0.000	97590.000	95610.000	95940.000
3	21:35:16	81.439%	18.670	45.130	44.370	0.000	96550.000	94580.000	94860.000
x		81.734%	94.203%	88.869%	89.344%	0.000	97.371%	95.523%	95.647%
σ		0.363%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		0.444	3.232	1.890	1.913	0.000	0.753	0.945	0.723
Run	**Time**	**27Al**	**28Si**	**37Cl**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:33:50	95450.000	506.400	0.000	100200.000	102100.000	100700.000	76.866%	2253.000
2	21:34:33	95630.000	497.300	0.000	99220.000	101900.000	101000.000	75.306%	2236.000
3	21:35:16	94080.000	491.000	0.000	99200.000	100400.000	100400.000	74.902%	2242.000
x		95.054%	99.647%	0.000	99.551%	101.480%	100.677%	75.691%	112.173%
σ		n/a	n/a	0.000	n/a	n/a	n/a	1.037%	n/a
%RSD		0.894	1.547	0.000	0.587	0.933	0.293	1.370	0.380
Run	**Time**	**51V**	**52Cr**	**55Mn**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**63Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:33:50	19.900	19.620	21.350	102400.000	104000.000	20.230	20.290	20.440
2	21:34:33	19.990	20.040	21.510	102900.000	104700.000	20.560	19.930	20.040
3	21:35:16	20.280	20.070	21.410	102600.000	103800.000	19.630	18.630	20.500
x		100.285%	99.567%	93.136%	102.599%	104.160%	100.700%	98.094%	101.656%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		0.999	1.259	0.383	0.247	0.438	2.332	4.441	1.232
Run	**Time**	**65Cu**	**66Zn**	**68Zn**	**75As**	**78Se**	**82Se**	**83Kr**	**88Sr**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:33:50	20.880	23.550	23.790	22.880	51.560	53.680	0.000	25.320
2	21:34:33	20.460	24.070	23.020	22.050	51.000	54.650	0.000	25.820
3	21:35:16	20.430	24.160	23.410	22.190	49.590	53.210	0.000	25.310
x		102.937%	95.692%	93.629%	111.871%	101.434%	107.688%	0.000	127.410%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		1.213	1.379	1.633	1.993	2.003	1.361	0.000	1.143
Run	**Time**	**89Y**	**95Mo**	**98Mo**	**103Rh**	**107Ag**	**109Ag**	**111Cd**	**114Cd**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:33:50	75.487%	2137.000	2161.000	75.602%	22.670	22.690	19.470	18.730
2	21:34:33	74.739%	2139.000	2166.000	75.315%	23.670	23.200	18.680	18.950
3	21:35:16	75.087%	2141.000	2177.000	74.397%	23.440	23.010	19.300	19.300
x		75.104%	106.950%	108.401%	75.105%	116.287%	114.819%	95.752%	94.962%
σ		0.374%	n/a	n/a	0.630%	n/a	n/a	n/a	n/a
%RSD		0.498	0.092	0.397	0.838	2.244	1.123	2.170	1.532
Run	**Time**	**115In**	**118Sn**	**121Sb**	**123Sb**	**135Ba**	**137Ba**	**159Tb**	**165Ho**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:33:50	81.132%	97.970	19.200	19.680	20.410	19.930	80.271%	80.554%
2	21:34:33	81.067%	98.240	19.870	19.660	20.020	20.130	80.562%	81.066%
3	21:35:16	81.228%	98.840	19.260	19.780	20.390	20.320	81.493%	81.250%
x		81.143%	98.348%	97.229%	98.535%	101.358%	100.640%	80.775%	80.957%
σ		0.081%	n/a	n/a	n/a	n/a	n/a	0.638%	0.360%
%RSD		0.100	0.452	1.908	0.334	1.074	0.982	0.790	0.445
Run	**Time**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	21:33:50	19.990	20.060	20.270	20.390	20.370	78.602%		
2	21:34:33	20.360	20.650	20.990	20.650	20.790	78.070%		
3	21:35:16	20.330	20.460	20.900	20.750	20.760	78.563%		
x		101.136%	101.946%	103.594%	102.989%	103.195%	78.412%		
σ		n/a	n/a	n/a	n/a	n/a	0.297%		
%RSD		1.018	1.480	1.904	0.907	1.129	0.378		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:42:04	80.812%	-0.001	3.202	2.289	0.000	27.670	6.705	7.015
2	21:42:47	78.814%	-0.001	2.970	2.152	0.000	26.150	5.702	5.897
3	21:43:30	77.363%	-0.000	2.840	1.890	0.000	27.050	5.576	5.825
x		78.996%	-0.001	3.004	2.110	0.000	26.960	5.994	6.246
σ		1.732%	0.000	0.184	0.203	0.000	0.768	0.619	0.667
%RSD		2.192	43.730	6.115	9.603	0.000	2.850	10.320	10.680
Run	**Time**	**27Al**	**28Si**	**37Cl**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:42:04	468700.000	140.200	0.000	28.850	332.100	20.480	81.161%	0.465
2	21:42:47	462600.000	132.200	0.000	29.620	324.600	21.710	77.032%	0.808
3	21:43:30	488400.000	139.100	0.000	30.730	430.600	21.560	75.972%	0.663
x		473200.000	137.200	0.000	29.730	362.500	21.250	78.055%	0.645
σ		13520.000	4.371	0.000	0.946	59.140	0.671	2.742%	0.172
%RSD		2.858	3.186	0.000	3.183	16.320	3.159	3.513	26.700
Run	**Time**	**51V**	**52Cr**	**55Mn**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**63Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:42:04	-565.800	21060.000	20970.000	511100.000	524800.000	9.043	10270.000	19990.000
2	21:42:47	-370.900	21030.000	21110.000	511100.000	525100.000	9.271	10070.000	19620.000
3	21:43:30	-597.500	21970.000	22120.000	536600.000	547500.000	9.301	10400.000	20320.000
x		-511.400	21350.000	21400.000	519600.000	532400.000	9.205	10250.000	19980.000
σ		122.700	534.400	628.400	14730.000	13040.000	0.141	165.100	347.200
%RSD		24.000	2.503	2.936	2.836	2.448	1.530	1.612	1.738
Run	**Time**	**65Cu**	**66Zn**	**68Zn**	**75As**	**78Se**	**82Se**	**83Kr**	**88Sr**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:42:04	20090.000	20120.000	20360.000	1.082	0.508	3.158	0.000	0.127
2	21:42:47	19760.000	20150.000	20540.000	1.014	0.431	2.955	0.000	0.105
3	21:43:30	20480.000	20750.000	21270.000	0.197	0.733	1.577	0.000	0.118
x		20110.000	20340.000	20730.000	0.764	0.557	2.563	0.000	0.117
σ		359.600	352.000	479.700	0.492	0.157	0.860	0.000	0.011
%RSD		1.789	1.731	2.315	64.430	28.120	33.550	0.000	9.678
Run	**Time**	**89Y**	**95Mo**	**98Mo**	**103Rh**	**107Ag**	**109Ag**	**111Cd**	**114Cd**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:42:04	74.097%	3.454	3.366	82.697%	0.685	0.700	0.045	0.056
2	21:42:47	72.325%	3.344	3.358	80.085%	0.689	0.566	0.079	0.037
3	21:43:30	70.987%	3.295	3.306	78.530%	0.678	0.644	-0.063	-0.014
x		72.469%	3.364	3.343	80.437%	0.684	0.637	0.020	0.026
σ		1.560%	0.081	0.033	2.106%	0.006	0.067	0.074	0.036
%RSD		2.153	2.408	0.974	2.618	0.810	10.590	361.400	139.100
Run	**Time**	**115In**	**118Sn**	**121Sb**	**123Sb**	**135Ba**	**137Ba**	**159Tb**	**165Ho**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:42:04	88.827%	0.098	0.785	0.782	15720.000	15430.000	76.122%	75.607%
2	21:42:47	86.964%	0.091	0.805	0.727	15580.000	15490.000	74.723%	74.979%
3	21:43:30	86.302%	0.074	0.786	0.754	16260.000	16090.000	73.154%	73.562%
x		87.364%	0.088	0.792	0.754	15850.000	15670.000	74.666%	74.716%
σ		1.309%	0.012	0.011	0.028	362.400	365.000	1.485%	1.048%
%RSD		1.498	13.760	1.403	3.664	2.286	2.329	1.989	1.402
Run	**Time**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	21:42:04	0.041	0.044	19090.000	20450.000	19630.000	84.744%		
2	21:42:47	0.046	0.040	19320.000	20770.000	19910.000	82.949%		
3	21:43:30	0.047	0.036	20230.000	21810.000	20900.000	81.568%		
x		0.045	0.040	19550.000	21010.000	20150.000	83.087%		
σ		0.003	0.004	602.200	710.800	664.100	1.593%		
%RSD		7.204	10.300	3.081	3.383	3.296	1.917		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:50:18	87.839%	-0.002	-1.467	-2.539	0.000	486300.000	939400.000	928800.000
2	21:51:01	90.713%	-0.013	-2.237	-2.818	0.000	481000.000	942300.000	932000.000
3	21:51:44	91.373%	-0.013	-2.099	-2.454	0.000	487200.000	957100.000	951000.000
x		89.975%	-0.009	-1.934	-2.604	0.000	484800.000	946300.000	937300.000
σ		1.879%	0.006	0.411	0.190	0.000	3380.000	9533.000	12000.000
%RSD		2.089	68.000	21.230	7.314	0.000	0.697	1.007	1.280

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:50:18	9.031	131.300	0.000	475900.000	954800.000	950300.000	99.999%	0.908
2	21:51:01	6.269	130.800	0.000	478000.000	962100.000	951700.000	103.824%	0.739
3	21:51:44	6.699	135.600	0.000	483000.000	1019000.000	958900.000	107.308%	0.587
x		7.333	132.600	0.000	479000.000	978700.000	953600.000	103.710%	0.745
σ		1.486	2.602	0.000	3675.000	35360.000	4618.000	3.656%	0.160
%RSD		20.270	1.963	0.000	0.767	3.613	0.484	3.525	21.520

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:50:18	-0.037	0.465	0.501	31.100	2351.000	0.673	-7.684	1.663
2	21:51:01	-0.025	0.389	0.366	28.420	2150.000	0.656	-8.185	1.449
3	21:51:44	-0.059	0.414	0.365	27.160	2088.000	0.598	-9.105	1.701
x		-0.040	0.423	0.411	28.890	2196.000	0.642	-8.325	1.605
σ		0.017	0.039	0.078	2.013	137.700	0.039	0.721	0.136
%RSD		42.340	9.191	18.960	6.965	6.270	6.100	8.656	8.472

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:50:18	1.730	2.839	2.871	0.562	0.703	1.896	0.000	36.950
2	21:51:01	1.594	3.021	2.584	0.364	1.146	1.186	0.000	37.410
3	21:51:44	1.538	2.608	2.507	0.671	0.939	2.351	0.000	37.120
x		1.621	2.823	2.654	0.532	0.929	1.811	0.000	37.160
σ		0.099	0.207	0.192	0.156	0.222	0.587	0.000	0.234
%RSD		6.111	7.328	7.231	29.220	23.870	32.400	0.000	0.630

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:50:18	103.632%	1.084	0.640	87.681%	0.129	0.125	0.147	0.091
2	21:51:01	108.605%	1.072	0.689	91.991%	0.148	0.101	0.146	0.103
3	21:51:44	112.422%	0.990	0.612	94.910%	0.136	0.108	0.033	0.024
x		108.220%	1.048	0.647	91.527%	0.138	0.111	0.109	0.073
σ		4.407%	0.051	0.039	3.637%	0.010	0.013	0.065	0.043
%RSD		4.073	4.890	6.006	3.974	7.305	11.240	60.080	58.570

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:50:18	95.571%	-0.040	0.446	0.507	1.318	1.451	101.845%	100.990%
2	21:51:01	101.366%	-0.025	0.504	0.491	1.357	1.357	106.671%	106.387%
3	21:51:44	104.013%	0.012	0.546	0.400	1.381	1.441	108.782%	109.724%
x		100.317%	-0.018	0.499	0.466	1.352	1.416	105.766%	105.700%
σ		4.318%	0.027	0.050	0.058	0.032	0.051	3.556%	4.407%
%RSD		4.304	150.500	10.070	12.400	2.371	3.633	3.362	4.169

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	21:50:18	0.093	0.067	0.835	0.934	0.903	79.140%
2	21:51:01	0.083	0.074	0.723	0.805	0.760	83.849%
3	21:51:44	0.089	0.085	0.795	0.771	0.788	85.070%
x		0.088	0.075	0.784	0.837	0.817	82.686%
σ		0.005	0.009	0.057	0.086	0.076	3.131%
%RSD		5.278	12.100	7.247	10.260	9.313	3.787

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:58:31	94.350%	100.200	93.150	95.110	0.000	49610.000	49750.000	49130.000
2	21:59:14	96.160%	98.030	92.530	95.650	0.000	48910.000	49110.000	48730.000
3	21:59:57	95.507%	100.300	95.320	95.190	0.000	49190.000	49680.000	49020.000
x		95.339%	99.501%	93.668%	95.318%	0.000	98.475%	99.032%	97.919%
σ		0.917%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		0.961	1.281	1.562	0.306	0.000	0.718	0.716	0.413
Run	**Time**	**27Al**	**28Si**	**37Cl**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:58:31	491.600	5130.000	0.000	49300.000	49270.000	46210.000	94.205%	98.490
2	21:59:14	486.800	5048.000	0.000	49320.000	48420.000	46290.000	95.055%	98.370
3	21:59:57	485.100	5046.000	0.000	49440.000	49610.000	46340.000	95.064%	104.100
x		97.564%	101.501%	0.000	98.707%	98.199%	92.553%	94.775%	100.331%
σ		n/a	n/a	0.000	n/a	n/a	n/a	0.493%	n/a
%RSD		0.685	0.946	0.000	0.145	1.245	0.144	0.521	3.281
Run	**Time**	**51V**	**52Cr**	**55Mn**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**63Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:58:31	99.610	101.600	492.600	24880.000	25080.000	103.700	104.900	106.400
2	21:59:14	98.430	100.200	492.000	24890.000	25030.000	102.400	104.000	105.000
3	21:59:57	99.150	99.190	497.300	24930.000	24800.000	99.560	106.300	104.400
x		99.065%	100.325%	98.790%	99.599%	99.882%	101.882%	105.091%	105.242%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		0.600	1.190	0.591	0.103	0.603	2.065	1.069	0.994
Run	**Time**	**65Cu**	**66Zn**	**68Zn**	**75As**	**78Se**	**82Se**	**83Kr**	**88Sr**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:58:31	104.700	100.300	100.200	101.400	102.400	105.300	0.000	94.760
2	21:59:14	103.400	99.830	103.400	97.770	101.200	99.200	0.000	94.730
3	21:59:57	103.100	100.300	100.700	101.500	101.200	103.200	0.000	94.430
x		103.739%	100.139%	101.421%	100.201%	101.598%	102.561%	0.000	94.640%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		0.833	0.267	1.690	2.105	0.660	3.002	0.000	0.189
Run	**Time**	**89Y**	**95Mo**	**98Mo**	**103Rh**	**107Ag**	**109Ag**	**111Cd**	**114Cd**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:58:31	95.725%	98.460	99.410	93.482%	98.450	99.170	96.570	96.940
2	21:59:14	97.619%	101.000	102.300	94.272%	98.730	98.030	95.120	96.160
3	21:59:57	98.650%	100.700	103.600	94.805%	98.850	98.820	96.880	97.390
x		97.332%	100.038%	101.764%	94.186%	98.679%	98.673%	96.192%	96.829%
σ		1.484%	n/a	n/a	0.665%	n/a	n/a	n/a	n/a
%RSD		1.524	1.377	2.102	0.707	0.207	0.591	0.975	0.645
Run	**Time**	**115In**	**118Sn**	**121Sb**	**123Sb**	**135Ba**	**137Ba**	**159Tb**	**165Ho**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:58:31	93.937%	95.130	94.330	94.270	95.850	94.610	95.463%	95.601%
2	21:59:14	95.721%	95.750	95.310	94.700	94.830	95.760	96.886%	97.473%
3	21:59:57	96.435%	95.740	96.330	94.880	95.240	97.300	97.725%	98.777%
x		95.364%	95.537%	95.323%	94.617%	95.308%	95.890%	96.692%	97.284%
σ		1.286%	n/a	n/a	n/a	n/a	n/a	1.143%	1.597%
%RSD		1.349	0.372	1.046	0.333	0.535	1.407	1.182	1.641
Run	**Time**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	21:58:31	94.140	94.130	93.750	93.160	93.820	90.812%		
2	21:59:14	94.850	95.090	96.070	95.440	95.580	91.481%		
3	21:59:57	95.920	95.710	96.810	96.400	96.410	92.305%		
x		94.967%	94.976%	95.542%	95.001%	95.272%	91.533%		
σ		n/a	n/a	n/a	n/a	n/a	0.748%		
%RSD		0.944	0.838	1.673	1.751	1.384	0.817		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:06:47	113.775%	0.004	-2.547	-2.856	0.000	16.880	28.730	27.410
2	22:07:30	114.752%	0.012	-2.869	-3.065	0.000	29.660	49.750	50.800
3	22:08:13	115.094%	0.029	-2.578	-3.168	0.000	22.950	40.510	41.420
x		114.540%	0.015	-2.664	-3.030	0.000	23.160	39.660	39.880
σ		0.685%	0.013	0.178	0.159	0.000	6.393	10.540	11.770
%RSD		0.598	83.940	6.676	5.248	0.000	27.600	26.560	29.520

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:06:47	5.526	-1.121	0.000	15.980	48.990	29.010	115.684%	-0.791
2	22:07:30	9.659	-0.696	0.000	23.640	43.000	45.690	116.773%	-0.638
3	22:08:13	8.037	-1.064	0.000	20.090	41.280	37.530	116.429%	-0.770
x		7.741	-0.961	0.000	19.900	44.430	37.410	116.295%	-0.733
σ		2.082	0.231	0.000	3.835	4.044	8.340	0.556%	0.083
%RSD		26.900	24.050	0.000	19.270	9.103	22.290	0.478	11.310

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:06:47	-0.025	0.084	0.630	14.680	11.460	0.017	0.148	0.088
2	22:07:30	0.005	0.226	1.041	20.480	17.510	0.022	0.174	0.228
3	22:08:13	-0.007	0.140	0.880	17.170	15.380	0.018	0.099	0.225
x		-0.009	0.150	0.851	17.440	14.780	0.019	0.140	0.180
σ		0.015	0.071	0.207	2.911	3.064	0.003	0.038	0.080
%RSD		168.700	47.600	24.330	16.690	20.730	13.460	27.120	44.360

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:06:47	0.095	0.214	0.100	0.275	0.137	1.053	0.000	0.059
2	22:07:30	0.268	0.393	0.407	0.181	0.184	0.640	0.000	0.100
3	22:08:13	0.262	0.268	0.254	0.028	0.323	0.119	0.000	0.095
x		0.208	0.292	0.254	0.161	0.215	0.604	0.000	0.085
σ		0.098	0.092	0.154	0.124	0.097	0.469	0.000	0.023
%RSD		47.110	31.470	60.540	76.960	45.180	77.570	0.000	26.570

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:06:47	111.159%	0.440	0.379	112.702%	0.037	0.046	0.104	0.068
2	22:07:30	112.311%	0.392	0.474	114.269%	0.047	0.040	0.030	0.025
3	22:08:13	112.933%	0.484	0.456	114.473%	0.038	0.030	0.135	0.096
x		112.134%	0.439	0.436	113.815%	0.041	0.039	0.089	0.063
σ		0.900%	0.046	0.050	0.969%	0.005	0.008	0.054	0.036
%RSD		0.803	10.500	11.520	0.851	13.250	20.300	60.390	56.710

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:06:47	108.544%	-0.146	0.091	0.074	0.062	0.133	105.519%	106.066%
2	22:07:30	110.960%	-0.145	0.131	0.045	0.235	0.192	108.686%	108.482%
3	22:08:13	111.288%	-0.130	0.071	0.098	0.131	0.208	109.179%	108.403%
x		110.264%	-0.140	0.098	0.072	0.143	0.177	107.795%	107.650%
σ		1.499%	0.009	0.031	0.027	0.087	0.039	1.986%	1.372%
%RSD		1.359	6.608	31.400	37.000	61.110	22.230	1.843	1.275

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	22:06:47	0.020	0.012	0.124	0.146	0.137	109.460%
2	22:07:30	0.021	0.017	0.212	0.217	0.228	111.603%
3	22:08:13	0.021	0.010	0.167	0.207	0.195	112.891%
x		0.021	0.013	0.168	0.190	0.187	111.318%
σ		0.001	0.004	0.044	0.039	0.046	1.733%
%RSD		3.026	26.470	25.980	20.390	24.640	1.557

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:15:00	106.573%	-0.004	-2.667	-3.066	0.000	11.320	1.356	1.665
2	22:15:43	106.218%	-0.004	-2.981	-3.320	0.000	11.810	3.111	4.144
3	22:16:25	104.437%	-0.004	-2.879	-3.644	0.000	11.450	4.105	4.558
x		105.743%	-0.004	-2.843	-3.343	0.000	11.530	2.857	3.456
σ		1.145%	0.000	0.160	0.289	0.000	0.253	1.392	1.565
%RSD		1.082	2.733	5.636	8.656	0.000	2.193	48.730	45.280

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:15:00	0.166	2.294	0.000	31.090	5.269	3.559	105.204%	-0.553
2	22:15:43	1.129	1.507	0.000	29.030	-0.826	5.993	104.963%	-0.798
3	22:16:25	1.321	1.158	0.000	26.130	15.910	7.318	102.505%	-0.718
x		0.872	1.653	0.000	28.750	6.785	5.623	104.224%	-0.689
σ		0.619	0.582	0.000	2.492	8.471	1.906	1.494%	0.125
%RSD		70.980	35.200	0.000	8.668	124.800	33.900	1.433	18.130

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:15:00	-0.466	0.206	0.049	0.981	0.276	-0.012	0.062	0.229
2	22:15:43	-0.021	0.153	0.161	1.731	2.490	-0.013	0.039	0.271
3	22:16:25	-0.257	0.197	0.186	1.325	1.997	-0.018	0.040	0.158
x		-0.248	0.185	0.132	1.346	1.588	-0.014	0.047	0.219
σ		0.223	0.029	0.073	0.376	1.163	0.003	0.013	0.057
%RSD		89.830	15.400	55.080	27.920	73.230	20.410	27.360	26.060

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:15:00	0.197	0.042	0.212	0.034	0.286	-0.526	0.000	0.011
2	22:15:43	0.165	0.116	0.038	-0.098	0.006	-0.257	0.000	0.016
3	22:16:25	0.112	0.174	0.035	0.100	0.258	0.389	0.000	0.022
x		0.158	0.111	0.095	0.012	0.183	-0.131	0.000	0.016
σ		0.043	0.066	0.101	0.101	0.154	0.470	0.000	0.006
%RSD		27.050	59.490	106.300	857.100	84.080	358.400	0.000	34.700

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:15:00	101.163%	0.248	0.230	97.428%	0.773	0.739	0.018	0.007
2	22:15:43	102.206%	0.234	0.208	97.140%	0.569	0.547	0.008	0.016
3	22:16:25	101.187%	0.255	0.216	95.852%	0.511	0.491	-0.010	-0.023
x		101.518%	0.245	0.218	96.806%	0.618	0.593	0.005	-0.000
σ		0.595%	0.011	0.011	0.839%	0.137	0.130	0.014	0.021
%RSD		0.586	4.368	5.152	0.867	22.230	21.920	256.900	107900.000

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:15:00	95.583%	-0.066	0.025	0.018	-0.003	0.027	95.205%	96.229%
2	22:15:43	97.016%	-0.100	0.013	0.001	-0.010	0.011	97.274%	98.222%
3	22:16:25	96.007%	-0.075	0.013	-0.001	0.031	0.019	97.447%	97.195%
x		96.202%	-0.081	0.017	0.006	0.006	0.019	96.642%	97.215%
σ		0.736%	0.018	0.007	0.010	0.022	0.008	1.247%	0.997%
%RSD		0.765	21.720	40.680	173.700	368.900	43.090	1.291	1.025

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	22:15:00	0.023	0.012	0.449	0.488	0.479	100.014%
2	22:15:43	0.012	0.006	0.395	0.403	0.399	101.002%
3	22:16:25	0.015	0.007	0.388	0.363	0.379	99.645%
x		0.017	0.008	0.411	0.418	0.419	100.220%
σ		0.006	0.003	0.033	0.064	0.053	0.701%
%RSD		34.370	39.030	8.132	15.270	12.550	0.700

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:23:11	77.338%	50.320	1037.000	977.600	0.000	46200.000	45500.000	45520.000
2	22:23:54	75.408%	50.920	1026.000	1002.000	0.000	45490.000	44630.000	44730.000
3	22:24:37	76.011%	50.640	1014.000	975.800	0.000	44110.000	43750.000	43840.000
x		76.252%	50.630	1026.000	985.000	0.000	45270.000	44630.000	44690.000
σ		0.987%	0.298	11.490	14.440	0.000	1061.000	879.300	840.800
%RSD		1.294	0.589	1.120	1.466	0.000	2.343	1.970	1.881

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:23:11	1769.000	8595.000	0.000	46780.000	48840.000	45740.000	70.756%	987.900
2	22:23:54	1723.000	8424.000	0.000	46940.000	47940.000	46180.000	66.786%	977.600
3	22:24:37	1670.000	8147.000	0.000	46050.000	47890.000	45170.000	65.193%	980.500
x		1721.000	8389.000	0.000	46590.000	48220.000	45700.000	67.578%	982.000
σ		49.930	226.300	0.000	472.300	531.100	506.200	2.865%	5.282
%RSD		2.902	2.697	0.000	1.014	1.101	1.108	4.240	0.538

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:23:11	477.900	193.500	487.300	964.300	1066.000	468.000	466.900	233.400
2	22:23:54	471.200	190.200	489.500	955.500	1045.000	462.900	459.300	227.700
3	22:24:37	472.000	190.200	493.100	964.000	1039.000	460.600	457.900	227.500
x		473.700	191.300	490.000	961.300	1050.000	463.800	461.300	229.600
σ		3.642	1.893	2.954	5.000	13.780	3.800	4.822	3.349
%RSD		0.769	0.990	0.603	0.520	1.313	0.819	1.045	1.459

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:23:11	233.500	453.900	464.200	34.130	10.530	9.129	0.000	935.900
2	22:23:54	228.500	454.300	456.500	35.730	10.360	10.130	0.000	929.200
3	22:24:37	229.200	454.000	458.000	35.140	10.200	9.724	0.000	933.500
x		230.400	454.100	459.600	35.000	10.370	9.660	0.000	932.900
σ		2.697	0.208	4.067	0.809	0.166	0.501	0.000	3.369
%RSD		1.170	0.046	0.885	2.311	1.597	5.192	0.000	0.361

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:23:11	75.280%	972.800	999.700	73.443%	55.520	55.530	47.970	42.360
2	22:23:54	73.684%	971.200	1004.000	71.390%	53.910	54.100	48.120	41.320
3	22:24:37	71.905%	980.500	1005.000	69.744%	53.570	53.920	47.980	41.800
x		73.623%	974.800	1003.000	71.526%	54.330	54.520	48.020	41.820
σ		1.688%	4.963	2.769	1.853%	1.041	0.884	0.083	0.522
%RSD		2.293	0.509	0.276	2.591	1.916	1.621	0.173	1.248

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:23:11	78.239%	1919.000	458.900	461.200	1830.000	1830.000	85.793%	86.642%
2	22:23:54	75.801%	1947.000	477.000	467.700	1836.000	1845.000	85.310%	86.800%
3	22:24:37	74.267%	1937.000	475.300	472.200	1844.000	1851.000	84.214%	85.974%
x		76.102%	1934.000	470.400	467.000	1837.000	1842.000	85.106%	86.472%
σ		2.003%	14.510	10.010	5.544	7.189	10.700	0.809%	0.438%
%RSD		2.632	0.750	2.128	1.187	0.391	0.581	0.951	0.507

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	22:23:11	46.950	47.190	18.940	20.790	19.840	79.400%
2	22:23:54	47.010	47.300	18.590	20.520	19.530	80.777%
3	22:24:37	47.600	47.620	18.730	20.420	19.610	80.009%
x		47.190	47.370	18.750	20.580	19.660	80.062%
σ		0.358	0.222	0.175	0.192	0.163	0.690%
%RSD		0.758	0.469	0.932	0.932	0.831	0.862

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:31:21	81.354%	0.023	22.730	21.700	0.000	20210.000	6421.000	6512.000
2	22:32:04	80.092%	0.036	21.470	20.810	0.000	19870.000	6277.000	6347.000
3	22:32:47	77.680%	0.025	23.000	21.100	0.000	19850.000	6330.000	6355.000
x		79.709%	0.028	22.400	21.200	0.000	19980.000	6343.000	6405.000
σ		1.867%	0.007	0.821	0.455	0.000	205.700	72.930	93.060
%RSD		2.342	24.910	3.663	2.143	0.000	1.030	1.150	1.453
Run	**Time**	**27Al**	**28Si**	**37Cl**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:31:21	155.200	1554.000	0.000	1492.000	28460.000	26500.000	66.462%	2.660
2	22:32:04	149.400	1509.000	0.000	1485.000	27690.000	26340.000	63.130%	2.358
3	22:32:47	147.300	1487.000	0.000	1458.000	28550.000	26430.000	61.895%	2.591
x		150.600	1517.000	0.000	1479.000	28230.000	26420.000	63.829%	2.536
σ		4.066	33.930	0.000	17.710	474.000	79.230	2.362%	0.158
%RSD		2.699	2.237	0.000	1.198	1.679	0.300	3.701	6.225
Run	**Time**	**51V**	**52Cr**	**55Mn**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**63Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:31:21	-2.284	3.518	94.560	415.500	451.900	0.094	0.484	2.653
2	22:32:04	-1.970	2.056	96.660	416.200	476.500	0.099	0.405	2.587
3	22:32:47	0.150	1.652	93.850	411.800	465.200	0.078	0.300	2.328
x		-1.368	2.409	95.020	414.500	464.500	0.090	0.396	2.523
σ		1.324	0.981	1.457	2.355	12.270	0.011	0.092	0.171
%RSD		96.820	40.740	1.534	0.568	2.641	12.090	23.240	6.791
Run	**Time**	**65Cu**	**66Zn**	**68Zn**	**75As**	**78Se**	**82Se**	**83Kr**	**88Sr**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:31:21	2.826	1.922	1.984	0.806	0.947	0.149	0.000	63.740
2	22:32:04	2.621	1.665	1.972	-0.176	0.495	-0.994	0.000	62.720
3	22:32:47	2.499	1.674	2.169	-0.714	0.910	0.207	0.000	62.920
x		2.649	1.754	2.041	-0.028	0.784	-0.213	0.000	63.130
σ		0.165	0.146	0.110	0.771	0.251	0.677	0.000	0.536
%RSD		6.245	8.320	5.400	2737.000	31.980	318.400	0.000	0.849
Run	**Time**	**89Y**	**95Mo**	**98Mo**	**103Rh**	**107Ag**	**109Ag**	**111Cd**	**114Cd**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:31:21	72.250%	1.004	0.955	69.800%	2.915	2.944	-0.094	-0.116
2	22:32:04	71.250%	0.828	0.747	67.917%	2.406	2.439	0.021	-0.029
3	22:32:47	69.727%	0.712	0.693	67.391%	2.194	2.123	-0.090	-0.168
x		71.076%	0.848	0.798	68.369%	2.505	2.502	-0.054	-0.104
σ		1.271%	0.147	0.138	1.267%	0.370	0.414	0.066	0.070
%RSD		1.788	17.350	17.300	1.852	14.780	16.550	120.800	67.160
Run	**Time**	**115In**	**118Sn**	**121Sb**	**123Sb**	**135Ba**	**137Ba**	**159Tb**	**165Ho**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:31:21	74.055%	8.685	0.188	0.197	14.930	15.570	81.168%	82.561%
2	22:32:04	73.151%	7.362	0.178	0.143	15.340	14.770	81.402%	82.673%
3	22:32:47	72.065%	6.832	0.147	0.137	15.200	14.970	81.633%	82.215%
x		73.090%	7.626	0.171	0.159	15.150	15.100	81.401%	82.483%
σ		0.996%	0.954	0.021	0.033	0.207	0.416	0.232%	0.239%
%RSD		1.363	12.510	12.380	20.750	1.369	2.756	0.285	0.289
Run	**Time**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	22:31:21	0.061	0.040	0.528	0.531	0.508	79.774%		
2	22:32:04	0.033	0.042	0.439	0.463	0.454	79.967%		
3	22:32:47	0.032	0.037	0.445	0.433	0.462	79.986%		
x		0.042	0.039	0.471	0.476	0.474	79.909%		
σ		0.017	0.003	0.050	0.051	0.029	0.118%		
%RSD		39.850	6.501	10.600	10.630	6.191	0.147		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:39:31	86.766%	-0.013	4.976	4.265	0.000	4074.000	1344.000	1347.000
2	22:40:14	86.401%	-0.002	3.961	3.299	0.000	4071.000	1311.000	1344.000
3	22:40:57	85.676%	0.021	5.121	3.055	0.000	4097.000	1303.000	1331.000
x		86.281%	0.002	4.686	3.540	0.000	4081.000	1319.000	1341.000
σ		0.555%	0.017	0.632	0.639	0.000	14.200	22.230	8.454
%RSD		0.643	753.000	13.490	18.070	0.000	0.348	1.685	0.630
Run	**Time**	**27Al**	**28Si**	**37Cl**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:39:31	32.910	326.600	0.000	309.100	5781.000	5271.000	74.636%	-0.212
2	22:40:14	33.230	324.200	0.000	308.800	5524.000	5268.000	74.063%	-0.345
3	22:40:57	32.240	320.200	0.000	305.200	5773.000	5313.000	72.948%	-0.160
x		32.790	323.700	0.000	307.700	5693.000	5284.000	73.882%	-0.239
σ		0.509	3.240	0.000	2.142	146.200	24.870	0.859%	0.096
%RSD		1.554	1.001	0.000	0.696	2.569	0.471	1.162	39.940
Run	**Time**	**51V**	**52Cr**	**55Mn**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**63Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:39:31	-0.103	0.431	19.520	84.700	94.790	-0.003	0.107	1.386
2	22:40:14	0.021	0.338	19.160	82.520	91.290	-0.005	0.091	1.173
3	22:40:57	-0.079	0.315	19.470	83.450	93.390	-0.005	0.069	1.199
x		-0.054	0.361	19.380	83.560	93.160	-0.004	0.089	1.252
σ		0.066	0.061	0.196	1.094	1.763	0.001	0.019	0.116
%RSD		122.200	17.000	1.008	1.310	1.893	23.380	21.290	9.294
Run	**Time**	**65Cu**	**66Zn**	**68Zn**	**75As**	**78Se**	**82Se**	**83Kr**	**88Sr**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:39:31	1.204	1.492	1.582	0.484	0.149	0.380	0.000	12.560
2	22:40:14	1.072	1.415	1.756	-0.099	0.395	0.647	0.000	12.940
3	22:40:57	1.161	1.580	1.377	0.179	0.204	0.297	0.000	12.440
x		1.146	1.495	1.571	0.188	0.249	0.441	0.000	12.650
σ		0.067	0.083	0.190	0.292	0.129	0.183	0.000	0.258
%RSD		5.872	5.533	12.070	155.200	51.840	41.370	0.000	2.041
Run	**Time**	**89Y**	**95Mo**	**98Mo**	**103Rh**	**107Ag**	**109Ag**	**111Cd**	**114Cd**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:39:31	78.473%	0.139	0.190	79.499%	0.208	0.192	0.060	0.026
2	22:40:14	78.672%	0.229	0.176	79.512%	0.227	0.179	-0.037	-0.017
3	22:40:57	78.419%	0.269	0.235	79.494%	0.233	0.189	0.011	0.011
x		78.521%	0.212	0.200	79.501%	0.223	0.187	0.011	0.006
σ		0.133%	0.066	0.030	0.009%	0.013	0.007	0.048	0.022
%RSD		0.170	31.220	15.210	0.012	5.838	3.618	438.800	334.500
Run	**Time**	**115In**	**118Sn**	**121Sb**	**123Sb**	**135Ba**	**137Ba**	**159Tb**	**165Ho**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:39:31	80.248%	0.222	0.002	-0.017	3.191	2.979	84.071%	84.856%
2	22:40:14	79.784%	0.293	0.020	-0.026	3.165	3.101	85.242%	86.092%
3	22:40:57	81.057%	0.230	0.003	-0.015	2.827	3.028	86.670%	87.844%
x		80.363%	0.248	0.008	-0.019	3.061	3.036	85.327%	86.264%
σ		0.644%	0.039	0.010	0.006	0.203	0.062	1.302%	1.501%
%RSD		0.802	15.680	117.100	30.930	6.640	2.034	1.525	1.740
Run	**Time**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	22:39:31	0.009	0.006	0.487	0.455	0.457	87.162%		
2	22:40:14	0.010	0.004	0.385	0.383	0.400	88.378%		
3	22:40:57	0.011	0.001	0.337	0.374	0.360	89.754%		
x		0.010	0.003	0.403	0.404	0.406	88.431%		
σ		0.001	0.002	0.076	0.044	0.049	1.297%		
%RSD		7.243	66.660	18.970	10.980	12.080	1.466		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:47:41	82.393%	-0.013	18.510	15.800	0.000	19480.000	6258.000	6332.000
2	22:48:24	79.428%	-0.000	16.460	15.650	0.000	19090.000	6148.000	6142.000
3	22:49:07	80.977%	-0.001	15.820	15.120	0.000	18650.000	5989.000	6054.000
x		80.933%	-0.005	16.930	15.520	0.000	19070.000	6132.000	6176.000
σ		1.483%	0.007	1.406	0.356	0.000	414.600	135.600	142.300
%RSD		1.832	151.800	8.305	2.291	0.000	2.174	2.212	2.304

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:47:41	149.500	1504.000	0.000	1436.000	28170.000	25720.000	65.539%	2.945
2	22:48:24	144.900	1460.000	0.000	1401.000	27340.000	25510.000	63.266%	1.786
3	22:49:07	142.100	1432.000	0.000	1393.000	27290.000	26070.000	62.352%	2.072
x		145.500	1466.000	0.000	1410.000	27600.000	25770.000	63.719%	2.268
σ		3.728	36.290	0.000	22.750	494.800	280.800	1.641%	0.604
%RSD		2.562	2.476	0.000	1.614	1.793	1.090	2.575	26.620

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:47:41	-1.058	3.196	99.360	410.000	456.500	0.095	0.372	1.236
2	22:48:24	-2.208	2.302	102.700	413.900	456.800	0.083	0.291	1.120
3	22:49:07	-0.059	1.467	100.500	409.000	459.700	0.068	0.264	1.166
x		-1.108	2.322	100.900	411.000	457.700	0.082	0.309	1.174
σ		1.076	0.864	1.697	2.576	1.773	0.014	0.056	0.059
%RSD		97.050	37.230	1.683	0.627	0.387	16.720	18.150	4.995

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:47:41	1.057	1.175	1.770	0.740	0.109	-0.150	0.000	62.410
2	22:48:24	1.140	1.665	1.352	0.047	0.044	0.369	0.000	61.890
3	22:49:07	0.984	1.312	1.395	0.241	0.115	-0.267	0.000	62.130
x		1.061	1.384	1.505	0.343	0.090	-0.016	0.000	62.150
σ		0.078	0.252	0.230	0.357	0.039	0.339	0.000	0.260
%RSD		7.355	18.230	15.270	104.300	43.810	2084.000	0.000	0.418

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:47:41	71.663%	0.513	0.346	70.334%	1.554	1.590	-0.046	-0.039
2	22:48:24	70.230%	0.410	0.367	68.685%	1.402	1.539	0.003	0.030
3	22:49:07	70.069%	0.354	0.368	68.303%	1.468	1.479	-0.117	-0.122
x		70.654%	0.426	0.360	69.107%	1.475	1.536	-0.053	-0.043
σ		0.878%	0.081	0.012	1.079%	0.076	0.055	0.061	0.076
%RSD		1.242	18.950	3.415	1.562	5.172	3.600	113.700	175.100

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:47:41	73.004%	4.335	0.089	0.068	14.700	15.400	81.357%	82.293%
2	22:48:24	72.154%	4.607	0.126	0.116	14.800	15.070	81.794%	83.317%
3	22:49:07	72.291%	4.556	0.113	0.113	14.940	15.200	82.059%	83.978%
x		72.483%	4.500	0.109	0.099	14.810	15.220	81.737%	83.196%
σ		0.456%	0.145	0.019	0.027	0.120	0.164	0.355%	0.849%
%RSD		0.629	3.218	17.270	27.280	0.812	1.080	0.434	1.020

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	22:47:41	0.004	0.003	0.289	0.292	0.292	80.365%
2	22:48:24	0.009	0.007	0.292	0.259	0.284	81.702%
3	22:49:07	0.008	0.006	0.285	0.274	0.272	81.377%
x		0.007	0.005	0.289	0.275	0.283	81.148%
σ		0.002	0.002	0.003	0.017	0.010	0.697%
%RSD		36.010	32.420	1.123	6.038	3.550	0.859

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:55:51	75.488%	49.730	1002.000	946.400	0.000	60000.000	46700.000	46510.000
2	22:56:35	74.817%	49.760	1003.000	950.600	0.000	60600.000	46200.000	46440.000
3	22:57:18	74.601%	48.400	993.100	946.700	0.000	60770.000	46680.000	46760.000
x		74.969%	49.300	999.300	947.900	0.000	60460.000	46530.000	46570.000
σ		0.462%	0.778	5.365	2.311	0.000	407.300	283.100	170.600
%RSD		0.617	1.577	0.537	0.244	0.000	0.674	0.608	0.366

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:55:51	1773.000	9161.000	0.000	44460.000	72740.000	68330.000	64.369%	930.000
2	22:56:35	1766.000	9044.000	0.000	44700.000	72890.000	68410.000	62.354%	930.900
3	22:57:18	1757.000	9041.000	0.000	44140.000	72640.000	68240.000	62.236%	941.200
x		1765.000	9082.000	0.000	44430.000	72760.000	68320.000	62.987%	934.000
σ		8.054	68.550	0.000	279.100	124.200	84.300	1.199%	6.185
%RSD		0.456	0.755	0.000	0.628	0.171	0.123	1.903	0.662

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:55:51	443.000	182.000	555.600	1314.000	1436.000	442.100	440.200	217.500
2	22:56:35	447.400	181.400	563.800	1335.000	1476.000	439.900	438.900	219.100
3	22:57:18	451.800	180.800	564.700	1321.000	1438.000	440.800	437.600	216.400
x		447.400	181.400	561.400	1323.000	1450.000	440.900	438.900	217.700
σ		4.406	0.617	4.992	10.670	22.880	1.129	1.269	1.359
%RSD		0.985	0.340	0.889	0.806	1.578	0.256	0.289	0.624

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:55:51	219.000	434.900	444.500	33.010	8.941	9.487	0.000	952.300
2	22:56:35	216.900	435.800	438.700	33.470	8.632	7.606	0.000	949.000
3	22:57:18	216.200	433.000	443.900	33.640	9.319	8.690	0.000	947.300
x		217.400	434.600	442.400	33.370	8.964	8.594	0.000	949.500
σ		1.470	1.439	3.201	0.326	0.344	0.944	0.000	2.562
%RSD		0.676	0.331	0.724	0.977	3.841	10.990	0.000	0.270

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:55:51	70.774%	946.900	978.500	66.973%	48.490	48.710	47.220	41.850
2	22:56:35	70.453%	951.000	979.900	66.204%	49.120	49.010	48.010	41.150
3	22:57:18	70.010%	953.500	983.800	66.348%	49.000	49.400	47.770	42.940
x		70.412%	950.500	980.700	66.509%	48.870	49.040	47.670	41.980
σ		0.384%	3.346	2.756	0.409%	0.335	0.346	0.404	0.902
%RSD		0.545	0.352	0.281	0.615	0.686	0.707	0.847	2.148

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:55:51	72.037%	1895.000	460.500	459.400	1793.000	1809.000	81.930%	82.828%
2	22:56:35	70.951%	1927.000	467.700	462.100	1821.000	1826.000	82.346%	83.647%
3	22:57:18	71.057%	1925.000	466.200	462.400	1811.000	1817.000	82.797%	83.844%
x		71.348%	1916.000	464.800	461.300	1809.000	1817.000	82.357%	83.440%
σ		0.599%	17.400	3.792	1.623	14.090	8.513	0.434%	0.539%
%RSD		0.839	0.908	0.816	0.352	0.779	0.468	0.527	0.646

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	22:55:51	46.450	47.140	18.470	20.310	19.410	75.987%
2	22:56:35	47.220	46.690	18.600	20.420	19.430	78.050%
3	22:57:18	46.860	47.410	18.540	20.460	19.450	78.261%
x		46.840	47.080	18.530	20.390	19.430	77.433%
σ		0.383	0.365	0.065	0.078	0.019	1.257%
%RSD		0.817	0.775	0.352	0.382	0.095	1.623

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:04:02	75.118%	53.740	1068.000	1005.000	0.000	62420.000	48780.000	48060.000
2	23:04:45	75.221%	50.050	1055.000	984.300	0.000	60760.000	47270.000	46860.000
3	23:05:28	72.390%	51.180	1069.000	1006.000	0.000	61270.000	47210.000	46970.000
x		74.243%	51.660	1064.000	998.400	0.000	61480.000	47750.000	47300.000
σ		1.606%	1.890	7.998	12.210	0.000	849.700	890.000	661.900
%RSD		2.163	3.658	0.752	1.223	0.000	1.382	1.864	1.400

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:04:02	1792.000	9810.000	0.000	46070.000	74390.000	70390.000	62.722%	992.800
2	23:04:45	1747.000	9509.000	0.000	45780.000	75160.000	70100.000	60.618%	998.900
3	23:05:28	1742.000	9401.000	0.000	44630.000	74050.000	69950.000	60.069%	971.200
x		1760.000	9574.000	0.000	45500.000	74530.000	70150.000	61.136%	987.600
σ		27.540	212.100	0.000	761.600	567.400	222.000	1.400%	14.550
%RSD		1.564	2.215	0.000	1.674	0.761	0.316	2.290	1.474

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:04:02	476.900	194.800	586.800	1358.000	1505.000	466.900	465.300	229.300
2	23:04:45	476.300	193.900	593.300	1372.000	1484.000	465.500	459.100	229.400
3	23:05:28	467.200	188.300	583.200	1348.000	1483.000	454.500	447.200	223.700
x		473.500	192.300	587.700	1359.000	1491.000	462.300	457.200	227.500
σ		5.425	3.508	5.131	12.310	12.190	6.781	9.170	3.296
%RSD		1.146	1.824	0.873	0.905	0.818	1.467	2.006	1.449

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:04:02	230.200	453.000	460.400	35.740	9.659	10.670	0.000	1005.000
2	23:04:45	227.500	461.600	467.900	35.570	9.205	9.386	0.000	1002.000
3	23:05:28	224.000	448.600	464.500	34.530	9.251	8.620	0.000	991.900
x		227.200	454.400	464.300	35.280	9.372	9.560	0.000	999.800
σ		3.113	6.628	3.764	0.653	0.250	1.038	0.000	7.069
%RSD		1.370	1.459	0.811	1.851	2.668	10.850	0.000	0.707

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:04:02	69.411%	1026.000	1061.000	65.965%	51.900	52.200	49.680	42.720
2	23:04:45	68.903%	1021.000	1066.000	64.671%	51.770	52.230	49.480	43.340
3	23:05:28	69.390%	1008.000	1055.000	64.385%	52.380	52.540	49.950	42.840
x		69.234%	1018.000	1061.000	65.007%	52.020	52.320	49.700	42.970
σ		0.287%	9.280	5.226	0.842%	0.322	0.192	0.235	0.330
%RSD		0.415	0.911	0.493	1.295	0.620	0.366	0.472	0.769

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:04:02	70.045%	2061.000	488.900	485.500	1918.000	1927.000	80.350%	82.570%
2	23:04:45	70.151%	2055.000	494.900	488.100	1918.000	1940.000	80.549%	83.508%
3	23:05:28	70.305%	2051.000	495.400	491.300	1919.000	1914.000	81.187%	83.688%
x		70.167%	2056.000	493.100	488.300	1918.000	1927.000	80.696%	83.255%
σ		0.131%	4.783	3.594	2.892	0.295	13.210	0.437%	0.600%
%RSD		0.187	0.233	0.729	0.592	0.015	0.686	0.542	0.721

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	23:04:02	50.040	50.680	20.160	21.450	20.760	74.736%
2	23:04:45	50.170	50.330	19.950	21.350	20.710	76.822%
3	23:05:28	50.180	50.410	19.960	21.350	20.740	76.899%
x		50.130	50.470	20.020	21.380	20.740	76.152%
σ		0.076	0.180	0.119	0.056	0.029	1.227%
%RSD		0.152	0.358	0.596	0.264	0.138	1.612

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:12:13	80.568%	0.024	31.470	27.950	0.000	18080.000	6222.000	6282.000
2	23:12:56	81.930%	0.047	30.130	26.550	0.000	17470.000	6099.000	6064.000
3	23:13:39	79.538%	0.061	28.570	26.530	0.000	17480.000	6020.000	6121.000
x		80.679%	0.044	30.060	27.010	0.000	17680.000	6114.000	6156.000
σ		1.200%	0.019	1.449	0.817	0.000	351.900	101.600	113.300
%RSD		1.487	43.130	4.820	3.025	0.000	1.991	1.662	1.841

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:12:13	131.400	1715.000	0.000	1345.000	29790.000	27880.000	62.599%	3.657
2	23:12:56	127.500	1666.000	0.000	1322.000	30270.000	27880.000	60.764%	2.950
3	23:13:39	127.200	1663.000	0.000	1337.000	30190.000	28000.000	59.926%	2.191
x		128.700	1682.000	0.000	1335.000	30080.000	27920.000	61.096%	2.933
σ		2.358	29.010	0.000	11.850	253.200	64.950	1.367%	0.733
%RSD		1.832	1.725	0.000	0.888	0.842	0.233	2.238	25.000

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:12:13	-1.230	2.570	162.700	644.500	701.000	0.170	0.395	2.514
2	23:12:56	0.572	1.658	162.700	644.900	690.100	0.184	0.262	2.442
3	23:13:39	0.186	1.181	163.700	651.300	708.000	0.164	0.298	2.256
x		-0.158	1.803	163.000	646.900	699.700	0.173	0.318	2.404
σ		0.949	0.706	0.576	3.832	9.026	0.010	0.069	0.133
%RSD		601.500	39.130	0.353	0.592	1.290	5.842	21.610	5.526

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:12:13	2.449	2.939	3.133	0.020	0.225	-1.481	0.000	67.380
2	23:12:56	2.183	3.001	3.144	-1.037	-0.240	-1.774	0.000	67.120
3	23:13:39	2.252	3.559	2.930	1.156	0.077	0.059	0.000	68.190
x		2.295	3.166	3.069	0.046	0.020	-1.065	0.000	67.560
σ		0.138	0.342	0.121	1.097	0.237	0.985	0.000	0.555
%RSD		6.011	10.790	3.927	2376.000	1161.000	92.430	0.000	0.822

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:12:13	69.979%	1.083	1.011	67.546%	0.914	0.824	-0.013	-0.068
2	23:12:56	69.245%	0.826	0.986	67.292%	0.874	0.853	-0.035	-0.008
3	23:13:39	69.226%	0.836	0.748	66.673%	0.804	0.745	-0.037	-0.078
x		69.483%	0.915	0.915	67.170%	0.864	0.807	-0.028	-0.051
σ		0.429%	0.146	0.145	0.449%	0.056	0.056	0.013	0.038
%RSD		0.618	15.940	15.850	0.668	6.432	6.945	46.570	74.520

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:12:13	71.251%	9.150	1.203	1.088	17.870	17.730	80.166%	81.476%
2	23:12:56	71.818%	7.892	0.874	0.826	17.730	17.910	81.289%	82.618%
3	23:13:39	70.785%	7.239	0.625	0.651	17.400	18.530	80.946%	83.598%
x		71.285%	8.094	0.900	0.855	17.670	18.060	80.800%	82.564%
σ		0.518%	0.971	0.290	0.220	0.241	0.422	0.576%	1.062%
%RSD		0.726	12.000	32.190	25.720	1.363	2.335	0.712	1.286

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	23:12:13	0.025	0.023	0.528	0.511	0.513	78.973%
2	23:12:56	0.013	0.015	0.471	0.484	0.493	79.824%
3	23:13:39	0.017	0.007	0.412	0.515	0.471	81.390%
x		0.018	0.015	0.470	0.503	0.492	80.062%
σ		0.006	0.008	0.059	0.017	0.021	1.226%
%RSD		32.090	56.140	12.430	3.330	4.275	1.531

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:20:25	79.683%	0.061	26.200	23.150	0.000	18080.000	6256.000	6312.000
2	23:21:08	79.461%	0.098	24.290	21.680	0.000	17360.000	6052.000	6117.000
3	23:21:51	78.837%	0.012	24.050	21.580	0.000	17980.000	6103.000	6060.000
x		79.327%	0.057	24.850	22.130	0.000	17800.000	6137.000	6163.000
σ		0.439%	0.043	1.181	0.877	0.000	392.500	106.100	132.400
%RSD		0.553	75.630	4.753	3.963	0.000	2.204	1.729	2.149

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:20:25	141.000	1753.000	0.000	1350.000	29730.000	28460.000	61.898%	1.473
2	23:21:08	133.400	1723.000	0.000	1329.000	30000.000	28690.000	60.809%	2.148
3	23:21:51	130.700	1673.000	0.000	1323.000	30440.000	28040.000	59.531%	2.041
x		135.000	1716.000	0.000	1334.000	30060.000	28390.000	60.746%	1.887
σ		5.357	40.220	0.000	14.200	354.800	330.900	1.185%	0.362
%RSD		3.967	2.343	0.000	1.064	1.180	1.165	1.950	19.200

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:20:25	-2.248	1.829	202.900	840.800	919.300	0.275	0.222	2.212
2	23:21:08	-0.538	1.299	202.500	838.200	918.400	0.189	0.403	2.163
3	23:21:51	-2.301	0.954	204.300	832.000	876.700	0.183	0.362	1.976
x		-1.696	1.361	203.200	837.000	904.800	0.215	0.329	2.117
σ		1.003	0.440	0.913	4.534	24.330	0.051	0.095	0.124
%RSD		59.130	32.370	0.450	0.542	2.690	23.890	28.770	5.874

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:20:25	1.988	3.204	3.416	-0.018	-0.188	0.787	0.000	69.620
2	23:21:08	1.903	3.003	2.897	0.371	-0.225	0.369	0.000	70.010
3	23:21:51	1.965	3.194	3.298	1.617	-0.070	0.089	0.000	68.780
x		1.952	3.134	3.204	0.657	-0.161	0.415	0.000	69.470
σ		0.044	0.113	0.272	0.854	0.081	0.351	0.000	0.626
%RSD		2.253	3.608	8.486	130.000	50.250	84.640	0.000	0.901

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:20:25	69.391%	0.495	0.462	67.085%	0.506	0.476	0.019	-0.017
2	23:21:08	69.066%	0.412	0.387	67.145%	0.482	0.490	-0.147	-0.114
3	23:21:51	68.532%	0.470	0.441	65.985%	0.421	0.426	0.028	-0.010
x		68.997%	0.459	0.430	66.738%	0.470	0.464	-0.033	-0.047
σ		0.434%	0.043	0.039	0.653%	0.044	0.034	0.099	0.058
%RSD		0.629	9.306	9.021	0.978	9.313	7.220	296.500	123.400

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:20:25	70.806%	4.729	0.318	0.336	18.810	19.800	79.845%	81.118%
2	23:21:08	70.658%	4.728	0.352	0.277	19.020	20.180	81.400%	82.639%
3	23:21:51	71.245%	4.756	0.285	0.279	19.840	19.490	81.914%	83.163%
x		70.903%	4.737	0.318	0.297	19.230	19.820	81.053%	82.307%
σ		0.305%	0.016	0.033	0.033	0.545	0.347	1.077%	1.062%
%RSD		0.431	0.333	10.530	11.250	2.836	1.750	1.329	1.291

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	23:20:25	0.007	0.006	0.553	0.581	0.568	79.835%
2	23:21:08	0.007	0.001	0.570	0.592	0.573	80.699%
3	23:21:51	0.013	0.009	0.589	0.530	0.557	81.207%
x		0.009	0.005	0.571	0.568	0.566	80.580%
σ		0.003	0.004	0.018	0.033	0.008	0.694%
%RSD		36.010	82.780	3.091	5.807	1.427	0.861

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:28:37	79.138%	-0.000	19.170	19.740	0.000	18580.000	6250.000	6269.000
2	23:29:20	78.567%	0.025	19.570	17.690	0.000	18090.000	6082.000	6083.000
3	23:30:03	79.463%	0.037	18.210	17.460	0.000	18040.000	5985.000	6094.000
x		79.056%	0.020	18.980	18.300	0.000	18240.000	6106.000	6149.000
σ		0.454%	0.019	0.698	1.256	0.000	298.100	134.400	104.300
%RSD		0.574	93.100	3.677	6.862	0.000	1.634	2.202	1.696
Run	**Time**	**27Al**	**28Si**	**37Cl**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:28:37	92.660	1530.000	0.000	1359.000	28510.000	27190.000	60.608%	0.975
2	23:29:20	90.630	1494.000	0.000	1329.000	28240.000	26830.000	60.638%	1.438
3	23:30:03	88.810	1496.000	0.000	1332.000	28290.000	26870.000	59.470%	1.699
x		90.700	1507.000	0.000	1340.000	28340.000	26960.000	60.239%	1.371
σ		1.925	20.190	0.000	16.640	144.100	195.800	0.666%	0.367
%RSD		2.122	1.340	0.000	1.242	0.508	0.726	1.106	26.760
Run	**Time**	**51V**	**52Cr**	**55Mn**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**63Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:28:37	-3.170	2.230	96.630	332.000	368.500	0.063	0.067	2.263
2	23:29:20	-0.493	1.528	94.990	324.800	369.800	0.051	0.232	2.242
3	23:30:03	0.027	1.294	96.480	331.400	370.700	0.079	0.280	2.294
x		-1.212	1.684	96.030	329.400	369.700	0.064	0.193	2.267
σ		1.716	0.487	0.908	4.015	1.066	0.014	0.112	0.026
%RSD		141.500	28.920	0.946	1.219	0.288	21.580	57.970	1.164
Run	**Time**	**65Cu**	**66Zn**	**68Zn**	**75As**	**78Se**	**82Se**	**83Kr**	**88Sr**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:28:37	2.166	1.926	2.453	-0.529	0.271	-1.275	0.000	65.580
2	23:29:20	2.108	1.992	1.976	-0.574	0.200	0.123	0.000	64.890
3	23:30:03	2.056	1.912	2.357	0.489	-0.010	-0.740	0.000	64.930
x		2.110	1.943	2.262	-0.205	0.154	-0.631	0.000	65.130
σ		0.055	0.043	0.252	0.601	0.146	0.706	0.000	0.387
%RSD		2.601	2.197	11.140	293.600	95.100	111.900	0.000	0.595
Run	**Time**	**89Y**	**95Mo**	**98Mo**	**103Rh**	**107Ag**	**109Ag**	**111Cd**	**114Cd**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:28:37	68.562%	0.401	0.472	67.057%	0.400	0.325	0.025	0.054
2	23:29:20	68.989%	0.506	0.451	66.343%	0.409	0.390	0.022	-0.001
3	23:30:03	68.704%	0.310	0.459	66.406%	0.274	0.352	-0.107	-0.083
x		68.752%	0.406	0.461	66.602%	0.361	0.355	-0.020	-0.010
σ		0.217%	0.098	0.011	0.395%	0.075	0.032	0.076	0.069
%RSD		0.316	24.120	2.369	0.594	20.870	9.133	375.800	687.000
Run	**Time**	**115In**	**118Sn**	**121Sb**	**123Sb**	**135Ba**	**137Ba**	**159Tb**	**165Ho**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:28:37	70.154%	3.929	0.230	0.191	14.950	14.240	80.389%	81.959%
2	23:29:20	70.824%	4.066	0.201	0.183	14.770	15.020	82.099%	84.122%
3	23:30:03	71.601%	3.965	0.169	0.183	13.830	13.960	82.767%	83.835%
x		70.860%	3.986	0.200	0.185	14.520	14.410	81.751%	83.305%
σ		0.725%	0.071	0.031	0.005	0.605	0.549	1.226%	1.175%
%RSD		1.023	1.789	15.260	2.556	4.168	3.813	1.500	1.410
Run	**Time**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	23:28:37	0.003	-0.007	0.215	0.201	0.195	80.814%		
2	23:29:20	0.006	-0.002	0.176	0.171	0.180	81.790%		
3	23:30:03	0.002	-0.005	0.205	0.204	0.196	82.205%		
x		0.004	-0.005	0.199	0.192	0.190	81.603%		
σ		0.002	0.002	0.020	0.018	0.009	0.715%		
%RSD		56.130	52.130	10.020	9.610	4.580	0.876		

CCV 801624 5/1/2013 11:36:05 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:36:48	82.206%	103.800	102.900	100.700	0.000	46150.000	45730.000	45400.000
2	23:37:31	80.769%	103.900	95.590	98.910	0.000	45770.000	45970.000	45750.000
3	23:38:14	81.103%	102.900	106.700	100.900	0.000	45840.000	45540.000	45710.000
x		81.359%	103.507%	101.721%	100.164%	0.000	91.842%	91.495%	91.240%
σ		0.752%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		0.924	0.536	5.539	1.092	0.000	0.435	0.474	0.429
Run	**Time**	**27Al**	**28Si**	**37Cl**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:36:48	456.500	4703.000	0.000	47400.000	48960.000	45750.000	74.393%	95.730
2	23:37:31	457.000	4622.000	0.000	47360.000	49230.000	46620.000	72.282%	101.300
3	23:38:14	453.100	4559.000	0.000	46960.000	49160.000	46200.000	72.185%	98.350
x		91.103%	92.551%	0.000	94.484%	98.236%	92.380%	72.953%	98.465%
σ		n/a	n/a	0.000	n/a	n/a	n/a	1.248%	n/a
%RSD		0.464	1.562	0.000	0.510	0.292	0.942	1.711	2.845
Run	**Time**	**51V**	**52Cr**	**55Mn**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**63Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:36:48	97.510	99.130	492.500	24660.000	24560.000	98.480	101.600	100.800
2	23:37:31	97.740	99.080	499.100	24980.000	24990.000	100.300	101.700	101.300
3	23:38:14	96.640	98.770	501.600	24840.000	25160.000	99.320	101.700	101.100
x		97.298%	98.993%	99.549%	99.306%	99.601%	99.369%	101.660%	101.083%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		0.593	0.198	0.940	0.645	1.235	0.921	0.038	0.216
Run	**Time**	**65Cu**	**66Zn**	**68Zn**	**75As**	**78Se**	**82Se**	**83Kr**	**88Sr**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:36:48	101.600	101.400	102.400	99.100	99.220	102.100	0.000	93.850
2	23:37:31	101.400	101.000	101.400	100.000	102.300	101.200	0.000	95.490
3	23:38:14	102.100	99.350	100.100	99.800	99.750	102.100	0.000	94.120
x		101.697%	100.569%	101.317%	99.643%	100.423%	101.791%	0.000	94.486%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		0.384	1.067	1.119	0.481	1.639	0.503	0.000	0.927
Run	**Time**	**89Y**	**95Mo**	**98Mo**	**103Rh**	**107Ag**	**109Ag**	**111Cd**	**114Cd**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:36:48	80.286%	98.560	99.510	77.632%	99.480	99.790	98.000	98.660
2	23:37:31	78.602%	99.980	101.500	77.214%	99.400	99.730	99.090	98.280
3	23:38:14	79.615%	101.400	102.500	77.689%	99.970	100.200	100.200	98.290
x		79.501%	99.995%	101.155%	77.512%	99.619%	99.906%	99.097%	98.412%
σ		0.847%	n/a	n/a	0.259%	n/a	n/a	n/a	n/a
%RSD		1.066	1.445	1.493	0.334	0.309	0.257	1.106	0.223
Run	**Time**	**115In**	**118Sn**	**121Sb**	**123Sb**	**135Ba**	**137Ba**	**159Tb**	**165Ho**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:36:48	79.075%	96.140	95.940	95.330	93.180	93.490	85.099%	85.511%
2	23:37:31	79.594%	97.100	96.030	96.890	93.760	93.250	86.405%	87.053%
3	23:38:14	79.637%	97.610	97.460	96.370	93.320	92.090	86.387%	86.892%
x		79.435%	96.949%	96.475%	96.195%	93.420%	92.942%	85.963%	86.485%
σ		0.313%	n/a	n/a	n/a	n/a	n/a	0.749%	0.848%
%RSD		0.394	0.768	0.884	0.824	0.323	0.808	0.871	0.980
Run	**Time**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	23:36:48	93.980	94.930	95.870	95.280	95.990	83.677%		
2	23:37:31	94.760	95.930	97.140	96.130	96.180	84.697%		
3	23:38:14	94.860	95.310	96.650	96.310	96.370	85.086%		
x		94.533%	95.389%	96.553%	95.909%	96.179%	84.487%		
σ		n/a	n/a	n/a	n/a	n/a	0.727%		
%RSD		0.513	0.528	0.665	0.574	0.198	0.861		

CCB2 5/1/2013 11:44:19 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:45:02	108.762%	-0.013	-0.820	-0.978	0.000	19.390	10.810	10.870
2	23:45:45	105.701%	0.005	-0.360	-1.517	0.000	26.670	16.430	16.490
3	23:46:28	105.232%	0.033	-1.205	-1.709	0.000	25.730	13.400	15.540
x		106.565%	0.008	-0.795	-1.401	0.000	23.930	13.550	14.300
σ		1.917%	0.023	0.423	0.379	0.000	3.959	2.814	3.011
%RSD		1.799	270.500	53.210	27.060	0.000	16.540	20.770	21.050
Run	**Time**	**27Al**	**28Si**	**37Cl**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:45:02	3.253	-1.847	0.000	-12.690	7.285	12.350	105.278%	-0.700
2	23:45:45	5.623	-1.660	0.000	-9.420	32.790	21.580	101.866%	-0.666
3	23:46:28	4.536	-1.544	0.000	-10.410	17.950	16.810	102.708%	-0.794
x		4.471	-1.683	0.000	-10.840	19.340	16.910	103.284%	-0.720
σ		1.186	0.153	0.000	1.676	12.810	4.614	1.777%	0.066
%RSD		26.540	9.066	0.000	15.460	66.230	27.280	1.721	9.209
Run	**Time**	**51V**	**52Cr**	**55Mn**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**63Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:45:02	0.025	0.026	0.988	7.174	7.539	0.032	0.062	0.083
2	23:45:45	-0.006	0.037	1.304	12.480	14.440	0.066	0.118	0.077
3	23:46:28	0.009	0.012	1.203	10.290	12.390	0.080	0.025	0.057
x		0.009	0.025	1.165	9.979	11.460	0.059	0.068	0.072
σ		0.016	0.013	0.161	2.665	3.544	0.025	0.047	0.013
%RSD		168.600	49.620	13.850	26.710	30.930	41.820	68.520	18.380
Run	**Time**	**65Cu**	**66Zn**	**68Zn**	**75As**	**78Se**	**82Se**	**83Kr**	**88Sr**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:45:02	0.017	0.080	0.036	-0.024	0.101	-0.029	0.000	0.067
2	23:45:45	0.044	0.033	0.173	0.104	-0.062	0.068	0.000	0.081
3	23:46:28	0.050	0.039	0.149	-0.244	-0.087	-0.604	0.000	0.102
x		0.037	0.051	0.119	-0.055	-0.016	-0.189	0.000	0.083
σ		0.018	0.026	0.073	0.176	0.102	0.363	0.000	0.018
%RSD		48.230	50.550	61.410	320.400	628.300	192.800	0.000	21.480
Run	**Time**	**89Y**	**95Mo**	**98Mo**	**103Rh**	**107Ag**	**109Ag**	**111Cd**	**114Cd**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:45:02	98.674%	0.267	0.238	96.168%	0.026	0.023	-0.045	-0.045
2	23:45:45	99.518%	0.228	0.322	97.490%	0.043	0.037	0.063	0.049
3	23:46:28	99.244%	0.256	0.291	96.782%	0.017	0.017	-0.061	-0.034
x		99.145%	0.251	0.284	96.813%	0.029	0.025	-0.014	-0.010
σ		0.430%	0.020	0.043	0.661%	0.013	0.010	0.067	0.051
%RSD		0.434	8.055	15.120	0.683	45.480	40.170	467.000	525.500
Run	**Time**	**115In**	**118Sn**	**121Sb**	**123Sb**	**135Ba**	**137Ba**	**159Tb**	**165Ho**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:45:02	104.326%	-0.179	0.068	0.052	0.031	0.073	108.482%	108.743%
2	23:45:45	104.629%	-0.180	0.078	0.085	0.119	0.105	108.775%	110.161%
3	23:46:28	105.607%	-0.181	0.056	0.071	0.055	0.093	110.254%	111.744%
x		104.854%	-0.180	0.067	0.069	0.068	0.090	109.170%	110.216%
σ		0.669%	0.001	0.011	0.016	0.045	0.016	0.950%	1.502%
%RSD		0.638	0.684	16.100	23.530	66.140	17.840	0.870	1.362
Run	**Time**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	23:45:02	0.014	0.013	0.340	0.323	0.322	117.178%		
2	23:45:45	0.023	0.018	0.326	0.345	0.329	119.817%		
3	23:46:28	0.012	0.017	0.273	0.314	0.304	119.487%		
x		0.016	0.016	0.313	0.328	0.319	118.827%		
σ		0.006	0.003	0.036	0.016	0.013	1.438%		
%RSD		36.890	17.540	11.370	4.828	4.010	1.210		

240-22648-A-21-A 5/1/2013 11:52:33 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:53:16	80.515%	0.864	100.500	93.880	0.000	1628.000	9983.000	10040.000
2	23:53:59	78.139%	0.815	101.800	92.420	0.000	1514.000	9590.000	9678.000
3	23:54:42	77.997%	0.806	101.700	94.600	0.000	1493.000	9619.000	9726.000
x		78.883%	0.828	101.400	93.630	0.000	1545.000	9730.000	9815.000
σ		1.414%	0.031	0.707	1.111	0.000	72.410	218.900	195.900
%RSD		1.793	3.759	0.697	1.187	0.000	4.687	2.249	1.996

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:53:16	1980.000	13310.000	0.000	1270.000	107800.000	105900.000	62.258%	9.404
2	23:53:59	1939.000	12830.000	0.000	1254.000	106200.000	103600.000	60.519%	10.110
3	23:54:42	1949.000	12870.000	0.000	1254.000	107300.000	101800.000	59.003%	8.283
x		1956.000	13000.000	0.000	1259.000	107100.000	103800.000	60.593%	9.267
σ		21.350	266.200	0.000	9.419	793.700	2046.000	1.629%	0.923
%RSD		1.091	2.047	0.000	0.748	0.741	1.972	2.688	9.964

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:53:16	11.180	3.009	13080.000	44660.000	44700.000	20.680	12.270	20.770
2	23:53:59	11.280	2.606	12870.000	43810.000	44380.000	19.710	11.600	20.290
3	23:54:42	10.890	2.390	13130.000	44560.000	44630.000	20.260	11.710	20.450
x		11.110	2.668	13030.000	44340.000	44570.000	20.220	11.860	20.500
σ		0.204	0.314	140.800	467.400	166.900	0.488	0.359	0.246
%RSD		1.835	11.770	1.080	1.054	0.374	2.412	3.028	1.201

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:53:16	19.970	98.450	99.880	11.250	0.526	-0.289	0.000	232.900
2	23:53:59	19.660	95.530	98.290	13.740	0.462	-0.884	0.000	232.200
3	23:54:42	20.860	95.670	97.600	13.220	0.173	-1.151	0.000	231.900
x		20.160	96.550	98.590	12.740	0.387	-0.775	0.000	232.300
σ		0.623	1.646	1.172	1.315	0.188	0.442	0.000	0.530
%RSD		3.090	1.705	1.188	10.320	48.530	57.010	0.000	0.228

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:53:16	86.536%	0.388	0.356	70.054%	0.271	0.343	1.968	2.144
2	23:53:59	85.917%	0.353	0.377	68.862%	0.284	0.315	2.201	2.009
3	23:54:42	85.552%	0.371	0.256	69.114%	0.262	0.312	1.980	2.037
x		86.002%	0.371	0.330	69.343%	0.273	0.323	2.050	2.063
σ		0.497%	0.018	0.065	0.628%	0.011	0.017	0.131	0.071
%RSD		0.578	4.722	19.590	0.906	4.042	5.189	6.387	3.444

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:53:16	74.457%	3.064	0.490	0.490	558.200	553.000	82.463%	83.336%
2	23:53:59	74.025%	3.072	0.469	0.407	557.300	558.100	83.800%	85.006%
3	23:54:42	73.317%	3.276	0.422	0.477	557.700	558.700	83.826%	85.466%
x		73.933%	3.137	0.460	0.458	557.700	556.600	83.363%	84.603%
σ		0.576%	0.120	0.035	0.045	0.471	3.105	0.779%	1.121%
%RSD		0.779	3.832	7.567	9.758	0.084	0.558	0.935	1.325

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	23:53:16	0.014	0.012	11.690	11.450	11.620	80.622%
2	23:53:59	0.023	0.009	11.910	11.510	11.670	82.291%
3	23:54:42	0.017	0.011	11.940	11.760	11.710	82.341%
x		0.018	0.011	11.850	11.570	11.670	81.751%
σ		0.005	0.002	0.137	0.166	0.046	0.978%
%RSD		25.320	15.580	1.155	1.435	0.392	1.197

MB 180-68865/1-A 5/2/2013 12:00:43 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:01:26	97.231%	-0.003	-0.265	-1.237	0.000	25.700	6.144	5.605
2	00:02:10	98.758%	-0.013	-1.134	-1.482	0.000	25.920	6.143	5.873
3	00:02:53	97.067%	-0.013	-1.400	-1.830	0.000	26.500	6.957	6.738
x		97.685%	-0.009	-0.933	-1.516	0.000	26.040	6.415	6.072
σ		0.933%	0.006	0.594	0.298	0.000	0.410	0.470	0.592
%RSD		0.955	60.680	63.610	19.640	0.000	1.575	7.324	9.754
Run	**Time**	**27Al**	**28Si**	**37Cl**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:01:26	0.036	2.320	0.000	-11.990	29.010	25.900	86.822%	-0.498
2	00:02:10	0.368	1.871	0.000	-11.080	11.880	20.700	86.580%	-0.556
3	00:02:53	0.844	2.297	0.000	-12.980	28.600	28.400	88.005%	-0.388
x		0.416	2.163	0.000	-12.020	23.160	25.000	87.136%	-0.481
σ		0.406	0.253	0.000	0.953	9.777	3.927	0.762%	0.085
%RSD		97.650	11.680	0.000	7.930	42.210	15.710	0.875	17.750
Run	**Time**	**51V**	**52Cr**	**55Mn**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**63Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:01:26	0.026	0.002	0.174	5.745	3.088	0.031	0.040	0.170
2	00:02:10	0.009	0.029	0.512	5.301	1.991	0.013	0.006	0.172
3	00:02:53	-0.098	-0.017	0.972	7.519	5.323	0.025	0.039	0.099
x		-0.021	0.005	0.553	6.188	3.467	0.023	0.029	0.147
σ		0.067	0.023	0.400	1.173	1.698	0.009	0.020	0.042
%RSD		316.900	487.800	72.410	18.960	48.980	40.530	68.340	28.450
Run	**Time**	**65Cu**	**66Zn**	**68Zn**	**75As**	**78Se**	**82Se**	**83Kr**	**88Sr**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:01:26	0.086	0.165	0.236	-0.035	0.020	-0.438	0.000	0.045
2	00:02:10	0.084	-0.043	0.226	-0.109	-0.066	-0.446	0.000	0.062
3	00:02:53	0.089	0.011	0.116	0.160	0.156	0.325	0.000	0.072
x		0.086	0.044	0.193	0.006	0.037	-0.186	0.000	0.060
σ		0.003	0.108	0.066	0.139	0.112	0.443	0.000	0.014
%RSD		3.113	243.500	34.490	2458.000	306.500	237.700	0.000	23.310
Run	**Time**	**89Y**	**95Mo**	**98Mo**	**103Rh**	**107Ag**	**109Ag**	**111Cd**	**114Cd**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:01:26	100.583%	0.102	0.108	96.796%	0.004	0.001	0.059	0.046
2	00:02:10	102.981%	0.109	0.106	97.472%	0.010	-0.002	-0.006	-0.009
3	00:02:53	102.703%	0.100	0.103	98.125%	0.009	0.001	0.015	0.022
x		102.089%	0.103	0.106	97.464%	0.007	-0.000	0.023	0.019
σ		1.312%	0.005	0.003	0.664%	0.003	0.002	0.033	0.028
%RSD		1.285	4.538	2.395	0.682	45.650	2722.000	145.500	143.000
Run	**Time**	**115In**	**118Sn**	**121Sb**	**123Sb**	**135Ba**	**137Ba**	**159Tb**	**165Ho**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:01:26	94.456%	1.482	-0.037	-0.051	0.060	0.139	96.792%	97.085%
2	00:02:10	96.549%	1.828	-0.020	-0.003	0.051	0.143	98.651%	99.315%
3	00:02:53	95.846%	1.340	-0.025	-0.043	0.072	0.156	98.501%	99.453%
x		95.617%	1.550	-0.028	-0.032	0.061	0.146	97.981%	98.618%
σ		1.065%	0.251	0.009	0.025	0.011	0.009	1.033%	1.329%
%RSD		1.114	16.170	32.020	79.020	17.290	6.061	1.054	1.348
Run	**Time**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	00:01:26	0.001	-0.001	0.021	0.026	0.021	103.078%		
2	00:02:10	-0.001	-0.005	0.012	0.013	0.018	103.298%		
3	00:02:53	-0.002	-0.002	0.011	0.025	0.019	103.889%		
x		-0.001	-0.003	0.015	0.021	0.019	103.422%		
σ		0.002	0.002	0.005	0.008	0.001	0.419%		
%RSD		357.400	72.510	34.480	35.620	7.543	0.405		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:09:37	84.270%	42.020	880.700	866.900	0.000	45640.000	45100.000	45240.000
2	00:10:20	83.145%	43.790	882.700	872.000	0.000	44520.000	44530.000	44620.000
3	00:11:03	82.043%	42.780	895.700	878.100	0.000	45190.000	45180.000	45180.000
x		83.153%	42.870	886.400	872.400	0.000	45110.000	44930.000	45020.000
σ		1.113%	0.889	8.121	5.603	0.000	563.600	354.000	341.100
%RSD		1.339	2.073	0.916	0.642	0.000	1.249	0.788	0.758

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:09:37	1833.000	8385.000	0.000	46730.000	48070.000	45780.000	77.843%	1002.000
2	00:10:20	1791.000	8195.000	0.000	46330.000	47130.000	45400.000	76.161%	1008.000
3	00:11:03	1795.000	8194.000	0.000	45900.000	48820.000	46020.000	76.116%	1003.000
x		1806.000	8258.000	0.000	46320.000	48010.000	45730.000	76.707%	1004.000
σ		23.270	110.100	0.000	412.700	843.100	315.700	0.984%	2.925
%RSD		1.288	1.333	0.000	0.891	1.756	0.690	1.283	0.291

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:09:37	495.900	197.600	485.600	1010.000	1121.000	494.100	504.500	253.700
2	00:10:20	497.000	199.600	486.700	1000.000	1121.000	494.900	498.600	251.100
3	00:11:03	492.400	196.900	489.500	1009.000	1104.000	494.600	502.600	249.000
x		495.100	198.000	487.200	1006.000	1115.000	494.600	501.900	251.200
σ		2.371	1.415	2.012	5.518	10.060	0.382	3.001	2.375
%RSD		0.479	0.715	0.413	0.548	0.902	0.077	0.598	0.945

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:09:37	253.800	412.700	416.900	34.230	7.716	10.440	0.000	944.600
2	00:10:20	247.800	416.200	413.500	32.910	8.158	9.970	0.000	937.000
3	00:11:03	250.600	414.600	416.700	32.760	7.763	9.937	0.000	947.200
x		250.700	414.500	415.700	33.300	7.879	10.120	0.000	943.000
σ		3.021	1.793	1.891	0.805	0.243	0.280	0.000	5.310
%RSD		1.205	0.433	0.455	2.418	3.080	2.769	0.000	0.563

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:09:37	77.515%	998.100	999.600	79.863%	46.750	47.160	43.800	38.100
2	00:10:20	78.162%	993.400	994.000	79.497%	46.360	46.950	43.420	38.040
3	00:11:03	77.240%	990.300	990.400	79.616%	46.290	46.450	42.430	36.810
x		77.639%	993.900	994.700	79.658%	46.460	46.860	43.220	37.650
σ		0.473%	3.920	4.665	0.187%	0.249	0.365	0.706	0.728
%RSD		0.610	0.394	0.469	0.234	0.535	0.780	1.633	1.934

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:09:37	78.381%	1922.000	428.900	425.700	1816.000	1809.000	86.752%	88.469%
2	00:10:20	79.298%	1906.000	425.800	422.300	1794.000	1806.000	88.582%	89.234%
3	00:11:03	79.666%	1907.000	426.800	420.000	1797.000	1801.000	89.204%	89.875%
x		79.115%	1912.000	427.200	422.700	1802.000	1806.000	88.180%	89.193%
σ		0.662%	9.196	1.606	2.882	11.990	3.976	1.275%	0.704%
%RSD		0.836	0.481	0.376	0.682	0.665	0.220	1.446	0.789

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	00:09:37	45.600	46.140	17.920	19.560	18.730	80.864%
2	00:10:20	46.340	46.490	18.100	19.530	18.880	81.293%
3	00:11:03	46.570	46.810	18.110	19.960	18.960	81.630%
x		46.170	46.480	18.050	19.680	18.860	81.262%
σ		0.508	0.334	0.106	0.242	0.115	0.384%
%RSD		1.101	0.719	0.589	1.228	0.610	0.473

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:17:47	90.172%	5.364	41.270	42.240	0.000	479.100	26550.000	26410.000
2	00:18:29	88.415%	5.190	43.010	41.010	0.000	478.600	26600.000	26410.000
3	00:19:13	85.340%	6.032	42.440	41.040	0.000	489.800	27140.000	26630.000
x		87.976%	5.529	42.240	41.430	0.000	482.500	26760.000	26490.000
σ		2.446%	0.445	0.889	0.702	0.000	6.320	327.200	129.100
%RSD		2.780	8.039	2.104	1.694	0.000	1.310	1.223	0.487

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:17:47	95290.000	19140.000	0.000	8495.000	39770.000	37480.000	90.398%	1108.000
2	00:18:29	94710.000	18970.000	0.000	8359.000	39570.000	37170.000	88.552%	1087.000
3	00:19:13	96020.000	19130.000	0.000	8570.000	40880.000	38050.000	86.946%	1112.000
x		95340.000	19080.000	0.000	8475.000	40070.000	37570.000	88.632%	1103.000
σ		658.800	97.400	0.000	107.200	704.800	447.600	1.727%	13.600
%RSD		0.691	0.510	0.000	1.265	1.759	1.191	1.949	1.233

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:17:47	162.200	130.900	4067.000	224900.000	227900.000	94.320	203.500	178.100
2	00:18:29	159.800	130.600	4103.000	223900.000	227600.000	93.730	199.500	178.000
3	00:19:13	163.300	131.000	4127.000	227900.000	230500.000	95.580	204.500	178.000
x		161.700	130.800	4099.000	225600.000	228600.000	94.540	202.500	178.000
σ		1.811	0.212	30.130	2102.000	1605.000	0.942	2.647	0.037
%RSD		1.120	0.162	0.735	0.932	0.702	0.997	1.307	0.021

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:17:47	178.900	440.600	449.000	119.500	1.956	4.070	0.000	134.300
2	00:18:29	178.700	444.800	445.700	117.100	1.845	2.385	0.000	134.300
3	00:19:13	178.900	446.300	450.600	117.900	1.949	3.241	0.000	134.900
x		178.800	443.900	448.400	118.200	1.917	3.232	0.000	134.500
σ		0.106	2.933	2.502	1.194	0.062	0.842	0.000	0.326
%RSD		0.059	0.661	0.558	1.011	3.238	26.070	0.000	0.243

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:17:47	0.000	9.739	9.992	84.209%	0.325	0.249	1.509	1.153
2	00:18:29	0.000	9.955	9.877	83.336%	0.309	0.244	1.350	1.160
3	00:19:13	0.000	10.100	9.716	82.624%	0.295	0.202	1.238	1.078
x		0.000	9.930	9.862	83.390%	0.310	0.231	1.366	1.130
σ		0.000	0.180	0.139	0.794%	0.015	0.026	0.136	0.045
%RSD		0.000	1.812	1.406	0.952	4.785	11.080	9.950	4.019

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:17:47	85.438%	3.662	0.516	0.467	588.600	586.400	92.388%	91.404%
2	00:18:29	85.418%	3.423	0.457	0.531	585.500	585.400	92.629%	91.007%
3	00:19:13	85.410%	3.040	0.534	0.470	586.400	589.500	91.913%	91.072%
x		85.422%	3.375	0.502	0.489	586.900	587.100	92.310%	91.161%
σ		0.014%	0.314	0.040	0.036	1.628	2.164	0.365%	0.213%
%RSD		0.017	9.294	8.045	7.430	0.277	0.369	0.395	0.234

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	00:17:47	1.336	1.342	146.800	145.100	145.900	80.864%
2	00:18:29	1.254	1.315	146.700	144.600	145.700	82.171%
3	00:19:13	1.291	1.351	146.800	144.500	145.700	81.776%
x		1.294	1.336	146.700	144.700	145.800	81.604%
σ		0.041	0.019	0.071	0.338	0.089	0.670%
%RSD		3.205	1.400	0.048	0.234	0.061	0.821

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:25:57	84.267%	4.945	31.050	30.200	0.000	383.500	24460.000	24070.000
2	00:26:39	84.482%	4.623	30.810	29.200	0.000	376.100	23850.000	23970.000
3	00:27:22	83.384%	4.824	29.710	29.720	0.000	378.300	24150.000	24120.000
x		84.044%	4.798	30.520	29.710	0.000	379.300	24150.000	24050.000
σ		0.581%	0.163	0.716	0.504	0.000	3.782	308.800	77.080
%RSD		0.692	3.390	2.345	1.698	0.000	0.997	1.278	0.321

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:25:57	88040.000	16140.000	0.000	9044.000	9791.000	9430.000	87.064%	981.700
2	00:26:39	86170.000	15730.000	0.000	8900.000	9913.000	9328.000	85.421%	978.900
3	00:27:22	85570.000	15730.000	0.000	8922.000	9950.000	9384.000	83.784%	993.900
x		86590.000	15870.000	0.000	8955.000	9884.000	9381.000	85.423%	984.800
σ		1287.000	234.900	0.000	77.940	83.100	51.030	1.640%	8.008
%RSD		1.486	1.481	0.000	0.870	0.841	0.544	1.920	0.813

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:25:57	146.700	126.700	3179.000	211500.000	215500.000	94.790	203.500	184.200
2	00:26:39	147.000	125.500	3160.000	211100.000	213900.000	94.930	207.500	184.200
3	00:27:22	146.900	126.200	3194.000	213000.000	213900.000	92.150	200.100	179.600
x		146.900	126.100	3178.000	211800.000	214400.000	93.960	203.700	182.700
σ		0.147	0.587	17.080	1040.000	926.200	1.563	3.726	2.639
%RSD		0.100	0.466	0.537	0.491	0.432	1.664	1.829	1.444

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:25:57	185.600	430.400	436.900	129.500	1.347	3.219	0.000	53.010
2	00:26:39	181.100	428.900	438.800	128.400	1.592	2.995	0.000	52.940
3	00:27:22	182.600	429.800	436.800	127.500	1.313	2.866	0.000	52.800
x		183.100	429.700	437.500	128.500	1.417	3.027	0.000	52.920
σ		2.281	0.791	1.123	1.010	0.152	0.179	0.000	0.105
%RSD		1.246	0.184	0.257	0.787	10.750	5.908	0.000	0.198

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:25:57	0.000	8.831	9.680	80.447%	0.293	0.203	1.449	1.171
2	00:26:39	0.000	9.997	9.595	78.781%	0.289	0.229	1.251	1.001
3	00:27:22	0.000	9.347	9.620	78.719%	0.285	0.225	1.403	1.089
x		0.000	9.392	9.632	79.316%	0.289	0.219	1.368	1.087
σ		0.000	0.584	0.044	0.980%	0.004	0.014	0.103	0.085
%RSD		0.000	6.219	0.456	1.236	1.312	6.308	7.565	7.826

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:25:57	81.781%	2.727	0.566	0.556	591.300	595.800	90.089%	88.736%
2	00:26:39	80.773%	2.776	0.582	0.555	597.000	598.900	90.284%	89.399%
3	00:27:22	81.131%	2.645	0.509	0.533	592.800	592.900	89.405%	89.089%
x		81.228%	2.716	0.552	0.548	593.700	595.900	89.926%	89.075%
σ		0.511%	0.066	0.038	0.013	2.956	3.024	0.462%	0.332%
%RSD		0.629	2.431	6.938	2.389	0.498	0.507	0.513	0.372

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	00:25:57	1.415	1.287	160.100	159.700	160.100	78.215%
2	00:26:39	1.373	1.368	160.500	159.400	159.900	78.273%
3	00:27:22	1.358	1.324	160.300	157.400	158.500	79.170%
x		1.382	1.326	160.300	158.800	159.500	78.552%
σ		0.030	0.041	0.200	1.254	0.871	0.535%
%RSD		2.161	3.073	0.125	0.789	0.546	0.682

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:34:07	87.458%	3.725	30.250	29.520	0.000	447.800	31860.000	31800.000
2	00:34:49	84.298%	3.907	32.820	29.720	0.000	447.100	31990.000	31740.000
3	00:35:33	86.982%	4.294	28.870	28.220	0.000	431.500	31470.000	30980.000
x		86.246%	3.975	30.650	29.150	0.000	442.200	31780.000	31510.000
σ		1.704%	0.290	2.006	0.815	0.000	9.197	273.600	458.800
%RSD		1.975	7.306	6.547	2.794	0.000	2.080	0.861	1.456

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:34:07	72240.000	14390.000	0.000	10160.000	32960.000	31280.000	90.452%	733.100
2	00:34:49	72240.000	14310.000	0.000	10160.000	33380.000	31350.000	88.382%	728.200
3	00:35:33	70020.000	14010.000	0.000	10100.000	32940.000	31250.000	87.329%	732.300
x		71500.000	14240.000	0.000	10140.000	33090.000	31290.000	88.721%	731.200
σ		1283.000	198.400	0.000	32.430	245.900	48.090	1.589%	2.663
%RSD		1.794	1.393	0.000	0.320	0.743	0.154	1.791	0.364

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:34:07	121.300	112.600	3159.000	223200.000	226000.000	93.800	235.800	199.300
2	00:34:49	120.500	111.500	3160.000	222900.000	223600.000	91.730	230.200	195.900
3	00:35:33	121.500	112.300	3162.000	224200.000	226400.000	90.980	230.000	194.100
x		121.100	112.100	3161.000	223400.000	225300.000	92.170	232.000	196.400
σ		0.533	0.592	1.795	665.500	1476.000	1.460	3.268	2.637
%RSD		0.440	0.528	0.057	0.298	0.655	1.584	1.408	1.343

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:34:07	200.200	479.900	483.200	136.200	1.146	1.938	0.000	87.030
2	00:34:49	195.300	480.100	487.100	135.000	1.133	1.496	0.000	86.560
3	00:35:33	195.300	476.100	480.800	138.800	0.847	1.362	0.000	87.280
x		196.900	478.700	483.700	136.600	1.042	1.599	0.000	86.960
σ		2.854	2.250	3.200	1.936	0.169	0.301	0.000	0.365
%RSD		1.449	0.470	0.661	1.417	16.230	18.840	0.000	0.420

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:34:07	0.000	6.503	7.023	83.588%	0.255	0.216	1.495	1.025
2	00:34:49	0.000	6.622	7.171	83.674%	0.264	0.224	1.255	0.976
3	00:35:33	0.000	7.274	6.941	83.074%	0.260	0.193	1.173	0.918
x		0.000	6.800	7.045	83.445%	0.260	0.211	1.308	0.973
σ		0.000	0.415	0.117	0.324%	0.005	0.016	0.168	0.054
%RSD		0.000	6.101	1.655	0.388	1.764	7.446	12.810	5.512

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:34:07	84.846%	2.873	0.588	0.489	397.700	398.400	93.256%	91.312%
2	00:34:49	84.751%	2.859	0.629	0.575	396.400	396.100	92.969%	91.953%
3	00:35:33	84.212%	3.034	0.558	0.551	395.300	396.200	93.290%	91.956%
x		84.603%	2.922	0.592	0.538	396.500	396.900	93.172%	91.740%
σ		0.342%	0.097	0.035	0.044	1.192	1.335	0.176%	0.371%
%RSD		0.404	3.335	5.973	8.221	0.301	0.336	0.189	0.404

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	00:34:07	1.162	1.170	117.000	115.700	116.300	80.213%
2	00:34:49	1.125	1.166	116.900	116.100	116.300	81.311%
3	00:35:33	1.122	1.138	117.000	115.600	115.900	81.318%
x		1.136	1.158	117.000	115.800	116.200	80.948%
σ		0.022	0.017	0.043	0.301	0.252	0.636%
%RSD		1.963	1.488	0.037	0.260	0.217	0.786

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:42:18	90.738%	4.514	29.570	29.010	0.000	493.400	36840.000	36730.000
2	00:43:01	87.559%	4.153	30.370	30.910	0.000	507.800	37300.000	37320.000
3	00:43:44	86.840%	4.448	33.270	28.980	0.000	510.600	37860.000	37320.000
x		88.379%	4.372	31.070	29.630	0.000	503.900	37330.000	37120.000
σ		2.074%	0.192	1.945	1.104	0.000	9.241	509.900	342.200
%RSD		2.347	4.388	6.259	3.724	0.000	1.834	1.366	0.922

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:42:18	84540.000	18740.000	0.000	9020.000	68440.000	65080.000	94.939%	1037.000
2	00:43:01	84680.000	18780.000	0.000	9126.000	68960.000	67450.000	91.846%	1041.000
3	00:43:44	85120.000	18780.000	0.000	9025.000	68910.000	65010.000	92.096%	1051.000
x		84780.000	18770.000	0.000	9057.000	68770.000	65850.000	92.960%	1043.000
σ		305.000	25.790	0.000	59.920	287.100	1391.000	1.718%	6.885
%RSD		0.360	0.137	0.000	0.662	0.417	2.112	1.849	0.660

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:42:18	146.400	126.700	2520.000	220100.000	224100.000	86.680	217.200	196.500
2	00:43:01	150.200	129.300	2574.000	225700.000	227900.000	87.010	219.600	198.100
3	00:43:44	151.300	128.500	2573.000	222600.000	227000.000	86.540	214.900	197.000
x		149.300	128.200	2556.000	222800.000	226400.000	86.750	217.200	197.200
σ		2.545	1.334	30.600	2840.000	1973.000	0.242	2.323	0.798
%RSD		1.704	1.040	1.197	1.275	0.872	0.279	1.069	0.404

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:42:18	201.500	460.600	463.400	110.200	1.140	2.814	0.000	116.500
2	00:43:01	200.100	462.700	464.400	110.000	1.228	2.050	0.000	117.900
3	00:43:44	201.100	459.500	460.600	109.900	0.827	2.663	0.000	116.700
x		200.900	460.900	462.800	110.100	1.065	2.509	0.000	117.000
σ		0.763	1.639	1.955	0.146	0.211	0.404	0.000	0.794
%RSD		0.380	0.356	0.422	0.133	19.810	16.120	0.000	0.679

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:42:18	0.000	10.270	10.390	85.327%	0.384	0.385	1.381	1.049
2	00:43:01	0.000	10.380	10.250	85.220%	0.440	0.374	1.302	1.028
3	00:43:44	0.000	10.130	10.090	85.931%	0.406	0.404	1.456	1.114
x		0.000	10.260	10.240	85.493%	0.410	0.388	1.380	1.064
σ		0.000	0.122	0.153	0.383%	0.028	0.015	0.077	0.045
%RSD		0.000	1.185	1.489	0.448	6.899	3.937	5.580	4.189

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:42:18	86.565%	2.328	0.483	0.505	582.000	579.500	96.466%	93.380%
2	00:43:01	86.691%	2.335	0.510	0.447	577.700	578.200	97.456%	95.286%
3	00:43:44	86.979%	2.123	0.464	0.495	584.300	580.100	98.223%	95.239%
x		86.745%	2.262	0.486	0.482	581.300	579.300	97.382%	94.635%
σ		0.212%	0.121	0.023	0.031	3.371	0.994	0.881%	1.087%
%RSD		0.245	5.330	4.732	6.438	0.580	0.172	0.905	1.148

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	00:42:18	1.211	1.200	125.500	122.100	124.500	80.253%
2	00:43:01	1.221	1.237	125.800	122.800	124.100	81.660%
3	00:43:44	1.204	1.234	125.600	123.900	124.900	81.981%
x		1.212	1.224	125.700	122.900	124.500	81.298%
σ		0.009	0.020	0.126	0.932	0.400	0.919%
%RSD		0.708	1.651	0.100	0.758	0.322	1.131

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:50:29	82.523%	5.133	28.010	29.190	0.000	377.100	26160.000	25700.000
2	00:51:12	83.003%	4.946	25.590	27.690	0.000	375.800	25670.000	25410.000
3	00:51:55	81.178%	4.950	25.740	26.790	0.000	371.700	25860.000	25500.000
x		82.235%	5.010	26.450	27.890	0.000	374.900	25900.000	25540.000
σ		0.946%	0.107	1.357	1.216	0.000	2.808	250.000	146.900
%RSD		1.150	2.139	5.131	4.359	0.000	0.749	0.965	0.575

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:50:29	91990.000	16730.000	0.000	9974.000	16400.000	15640.000	87.356%	979.600
2	00:51:12	90840.000	16500.000	0.000	9972.000	16500.000	15760.000	84.461%	982.400
3	00:51:55	91090.000	16450.000	0.000	10080.000	16530.000	15830.000	82.835%	985.000
x		91310.000	16560.000	0.000	10010.000	16480.000	15740.000	84.884%	982.300
σ		605.900	152.500	0.000	63.790	65.000	95.320	2.290%	2.711
%RSD		0.664	0.921	0.000	0.637	0.395	0.606	2.698	0.276

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:50:29	163.100	135.100	5808.000	243400.000	249300.000	100.500	223.700	193.500
2	00:51:12	160.300	133.600	5807.000	242900.000	244900.000	98.720	214.900	189.200
3	00:51:55	161.700	134.200	5825.000	244200.000	247300.000	99.780	213.900	190.000
x		161.700	134.300	5813.000	243500.000	247200.000	99.670	217.500	190.900
σ		1.372	0.760	10.150	647.900	2202.000	0.897	5.406	2.286
%RSD		0.848	0.566	0.174	0.266	0.891	0.900	2.486	1.198

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:50:29	194.600	528.200	536.900	133.000	1.529	2.944	0.000	86.960
2	00:51:12	186.600	526.400	538.200	131.800	1.637	3.120	0.000	86.150
3	00:51:55	190.800	530.100	542.200	130.300	1.983	3.134	0.000	86.580
x		190.700	528.200	539.100	131.700	1.716	3.066	0.000	86.560
σ		4.017	1.847	2.760	1.356	0.237	0.106	0.000	0.405
%RSD		2.107	0.350	0.512	1.030	13.820	3.451	0.000	0.468

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:50:29	0.000	9.149	9.301	79.297%	0.312	0.269	1.337	1.050
2	00:51:12	0.000	9.342	9.136	78.026%	0.313	0.232	1.553	1.135
3	00:51:55	0.000	8.860	9.176	76.585%	0.387	0.275	1.266	0.901
x		0.000	9.117	9.204	77.969%	0.337	0.259	1.385	1.029
σ		0.000	0.242	0.086	1.357%	0.043	0.023	0.149	0.118
%RSD		0.000	2.660	0.934	1.741	12.830	8.869	10.770	11.500

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:50:29	81.028%	2.196	0.436	0.457	539.400	540.500	89.360%	87.339%
2	00:51:12	80.416%	2.242	0.470	0.413	541.900	540.000	88.793%	87.131%
3	00:51:55	79.260%	2.232	0.449	0.441	540.300	536.900	88.444%	86.980%
x		80.234%	2.223	0.452	0.437	540.500	539.100	88.866%	87.150%
σ		0.898%	0.024	0.017	0.022	1.271	1.944	0.462%	0.180%
%RSD		1.119	1.076	3.803	5.006	0.235	0.361	0.520	0.207

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	00:50:29	1.418	1.384	139.900	138.100	138.900	77.614%
2	00:51:12	1.365	1.410	140.300	137.500	139.700	77.309%
3	00:51:55	1.379	1.413	140.000	138.000	138.700	77.226%
x		1.387	1.403	140.100	137.900	139.100	77.383%
σ		0.028	0.016	0.247	0.290	0.511	0.204%
%RSD		1.986	1.126	0.176	0.210	0.368	0.264

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:58:41	83.479%	4.078	23.720	24.500	0.000	461.200	22310.000	22140.000
2	00:59:24	82.836%	4.077	26.480	24.950	0.000	463.300	21970.000	21810.000
3	01:00:07	81.898%	3.657	26.960	24.790	0.000	461.700	21910.000	21780.000
x		82.738%	3.938	25.720	24.750	0.000	462.100	22060.000	21910.000
σ		0.795%	0.243	1.751	0.229	0.000	1.101	212.200	204.500
%RSD		0.961	6.165	6.810	0.926	0.000	0.238	0.962	0.933

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:58:41	74120.000	16260.000	0.000	8236.000	13360.000	12880.000	85.590%	838.000
2	00:59:24	73390.000	15940.000	0.000	8227.000	13840.000	12840.000	84.338%	845.500
3	01:00:07	73600.000	15980.000	0.000	8216.000	13710.000	12800.000	83.219%	839.500
x		73700.000	16060.000	0.000	8226.000	13640.000	12840.000	84.382%	841.000
σ		379.300	177.200	0.000	9.844	248.100	41.460	1.186%	3.982
%RSD		0.515	1.103	0.000	0.120	1.819	0.323	1.406	0.473

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:58:41	137.100	118.300	4102.000	219900.000	223000.000	95.950	242.800	180.400
2	00:59:24	137.400	118.800	4087.000	218300.000	220500.000	93.870	239.500	177.900
3	01:00:07	134.900	116.800	4108.000	219000.000	222600.000	95.330	241.100	177.900
x		136.500	118.000	4099.000	219000.000	222000.000	95.050	241.100	178.700
σ		1.384	1.054	10.610	800.200	1318.000	1.067	1.641	1.448
%RSD		1.014	0.894	0.259	0.365	0.593	1.123	0.680	0.810

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:58:41	182.400	509.500	512.600	188.900	1.678	2.293	0.000	81.990
2	00:59:24	177.800	506.900	518.600	190.800	1.853	4.054	0.000	81.640
3	01:00:07	176.600	503.600	512.800	192.100	2.148	2.154	0.000	82.270
x		178.900	506.700	514.700	190.600	1.893	2.834	0.000	81.960
σ		3.066	2.980	3.423	1.638	0.238	1.059	0.000	0.317
%RSD		1.713	0.588	0.665	0.859	12.550	37.380	0.000	0.386

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:58:41	0.000	8.986	8.534	80.525%	0.419	0.393	1.622	1.335
2	00:59:24	0.000	8.541	8.774	78.838%	0.470	0.393	1.312	1.056
3	01:00:07	0.000	8.120	8.404	77.843%	0.485	0.368	1.382	1.259
x		0.000	8.549	8.571	79.069%	0.458	0.385	1.439	1.217
σ		0.000	0.433	0.188	1.356%	0.035	0.014	0.162	0.144
%RSD		0.000	5.064	2.191	1.715	7.574	3.658	11.270	11.830

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:58:41	81.174%	2.204	3.420	3.501	469.500	471.700	87.777%	87.408%
2	00:59:24	80.798%	2.256	3.591	3.519	466.600	468.800	88.833%	87.758%
3	01:00:07	80.219%	2.085	3.443	3.535	470.200	469.700	87.866%	87.193%
x		80.730%	2.182	3.485	3.518	468.800	470.100	88.159%	87.453%
σ		0.481%	0.088	0.093	0.017	1.879	1.483	0.586%	0.285%
%RSD		0.596	4.031	2.663	0.492	0.401	0.315	0.664	0.326

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	00:58:41	1.098	1.159	164.200	163.200	164.200	79.006%
2	00:59:24	1.198	1.167	163.200	164.100	163.500	79.473%
3	01:00:07	1.195	1.181	163.000	161.700	162.700	80.214%
x		1.163	1.169	163.400	163.000	163.500	79.565%
σ		0.057	0.011	0.641	1.193	0.763	0.609%
%RSD		4.894	0.981	0.392	0.732	0.467	0.765

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:06:53	85.614%	4.495	24.490	26.020	0.000	517.700	25180.000	24960.000
2	01:07:36	82.354%	4.527	25.490	24.470	0.000	522.100	25380.000	24960.000
3	01:08:19	81.159%	4.407	26.350	24.520	0.000	519.500	25030.000	24820.000
x		83.042%	4.476	25.440	25.000	0.000	519.800	25200.000	24920.000
σ		2.306%	0.062	0.931	0.879	0.000	2.245	175.600	81.290
%RSD		2.777	1.383	3.659	3.515	0.000	0.432	0.697	0.326

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:06:53	88090.000	17860.000	0.000	10270.000	11310.000	10520.000	86.443%	1079.000
2	01:07:36	87170.000	17680.000	0.000	10310.000	11170.000	10640.000	84.994%	1061.000
3	01:08:19	87410.000	17630.000	0.000	10210.000	10990.000	10560.000	83.191%	1045.000
x		87560.000	17720.000	0.000	10260.000	11160.000	10570.000	84.876%	1062.000
σ		477.600	118.500	0.000	48.640	161.500	62.550	1.629%	16.770
%RSD		0.545	0.668	0.000	0.474	1.448	0.592	1.920	1.579

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:06:53	163.100	135.400	5741.000	242600.000	246200.000	113.100	236.600	197.800
2	01:07:36	159.500	134.100	5764.000	242200.000	243000.000	110.500	232.800	191.800
3	01:08:19	159.700	133.400	5757.000	239000.000	245300.000	111.100	231.000	191.300
x		160.800	134.300	5754.000	241300.000	244800.000	111.600	233.400	193.700
σ		2.039	1.024	11.440	1988.000	1652.000	1.364	2.862	3.621
%RSD		1.268	0.762	0.199	0.824	0.675	1.222	1.226	1.870

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:06:53	196.000	614.800	617.800	131.200	1.836	3.805	0.000	61.920
2	01:07:36	191.400	606.500	610.300	131.300	1.827	2.945	0.000	61.590
3	01:08:19	191.600	607.800	619.600	134.100	1.335	2.272	0.000	62.110
x		193.000	609.700	615.900	132.200	1.666	3.007	0.000	61.880
σ		2.619	4.474	4.901	1.615	0.287	0.769	0.000	0.265
%RSD		1.357	0.734	0.796	1.222	17.200	25.560	0.000	0.427

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:06:53	0.000	8.536	8.528	79.659%	0.330	0.258	1.101	0.929
2	01:07:36	0.000	8.477	8.738	79.005%	0.272	0.243	1.352	0.985
3	01:08:19	0.000	8.698	8.506	77.651%	0.274	0.182	1.195	1.023
x		0.000	8.570	8.591	78.772%	0.292	0.228	1.216	0.979
σ		0.000	0.114	0.128	1.024%	0.033	0.040	0.127	0.047
%RSD		0.000	1.335	1.487	1.300	11.230	17.700	10.440	4.779

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:06:53	81.250%	1.685	0.436	0.454	479.100	481.100	88.990%	87.800%
2	01:07:36	81.095%	1.622	0.466	0.442	478.300	475.800	89.901%	88.039%
3	01:08:19	80.540%	1.633	0.401	0.483	479.300	473.300	89.638%	87.948%
x		80.962%	1.646	0.434	0.459	478.900	476.800	89.510%	87.929%
σ		0.374%	0.034	0.032	0.021	0.512	4.010	0.468%	0.121%
%RSD		0.461	2.037	7.437	4.565	0.107	0.841	0.523	0.137

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	01:06:53	1.425	1.408	134.100	133.200	133.200	79.156%
2	01:07:36	1.420	1.382	133.100	131.400	132.300	79.970%
3	01:08:19	1.390	1.382	134.200	131.700	133.200	79.185%
x		1.412	1.391	133.800	132.100	132.900	79.437%
σ		0.018	0.015	0.585	0.954	0.505	0.462%
%RSD		1.310	1.068	0.437	0.722	0.380	0.582

CCV 801624 5/2/2013 1:14:22 AM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:15:05	86.199%	101.900	95.440	94.540	0.000	48000.000	48210.000	47610.000
2	01:15:49	89.003%	99.510	91.410	95.010	0.000	46300.000	46590.000	46650.000
3	01:16:32	86.222%	99.670	95.090	93.690	0.000	47210.000	47180.000	47250.000
x		87.141%	100.360%	93.981%	94.414%	0.000	94.344%	94.662%	94.345%
σ		1.613%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		1.851	1.332	2.378	0.706	0.000	1.798	1.732	1.026

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:15:05	484.800	5065.000	0.000	48420.000	49320.000	45930.000	85.908%	100.400
2	01:15:49	492.700	4995.000	0.000	47550.000	47450.000	45880.000	85.803%	97.320
3	01:16:32	497.900	5019.000	0.000	48100.000	48300.000	46360.000	84.110%	102.100
x		98.359%	100.524%	0.000	96.048%	96.715%	92.114%	85.274%	99.948%
σ		n/a	n/a	0.000	n/a	n/a	n/a	1.009%	n/a
%RSD		1.342	0.707	0.000	0.911	1.929	0.565	1.183	2.444

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:15:05	100.700	100.200	493.700	24930.000	25000.000	103.000	105.600	106.900
2	01:15:49	98.850	99.510	489.200	24600.000	25010.000	100.700	106.600	102.800
3	01:16:32	98.440	99.830	492.600	24710.000	25060.000	101.100	105.100	105.000
x		99.338%	99.861%	98.369%	98.988%	100.083%	101.635%	105.784%	104.906%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		1.227	0.368	0.480	0.687	0.122	1.211	0.722	1.972

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:15:05	105.400	99.040	100.100	101.300	101.200	101.700	0.000	93.970
2	01:15:49	104.800	101.700	99.740	99.930	100.200	101.200	0.000	93.850
3	01:16:32	103.400	99.020	98.390	103.300	101.900	105.200	0.000	94.310
x		104.525%	99.929%	99.414%	101.485%	101.111%	102.700%	0.000	94.042%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		1.017	1.562	0.914	1.659	0.808	2.119	0.000	0.258

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:15:05	87.420%	98.010	99.330	85.561%	99.270	100.700	96.010	97.630
2	01:15:49	88.896%	98.770	99.840	86.506%	99.110	100.000	96.970	97.650
3	01:16:32	87.095%	99.400	101.200	84.707%	99.060	100.300	95.060	95.980
x		87.803%	98.726%	100.111%	85.591%	99.144%	100.329%	96.012%	97.085%
σ		0.960%	n/a	n/a	0.900%	n/a	n/a	n/a	n/a
%RSD		1.093	0.702	0.942	1.052	0.110	0.325	0.995	0.990

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:15:05	86.084%	95.360	94.690	95.180	95.800	94.700	88.949%	89.619%
2	01:15:49	86.324%	94.470	94.320	95.110	95.740	94.310	89.508%	90.695%
3	01:16:32	85.807%	96.230	94.330	94.780	95.730	94.600	89.458%	90.730%
x		86.072%	95.352%	94.448%	95.025%	95.758%	94.536%	89.305%	90.348%
σ		0.259%	n/a	n/a	n/a	n/a	n/a	0.310%	0.632%
%RSD		0.301	0.921	0.221	0.229	0.041	0.210	0.347	0.699

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	01:15:05	94.890	94.680	95.790	95.320	95.710	87.601%
2	01:15:49	94.950	95.770	96.080	96.140	95.960	88.747%
3	01:16:32	94.630	95.720	96.210	96.200	95.930	88.029%
x		94.827%	95.390%	96.026%	95.885%	95.869%	88.126%
σ		n/a	n/a	n/a	n/a	n/a	0.579%
%RSD		0.178	0.648	0.223	0.512	0.145	0.657

CCB3 5/2/2013 1:22:38 AM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:23:21	108.206%	0.023	-1.764	-2.220	0.000	17.920	10.660	10.540
2	01:24:04	107.367%	0.014	-1.471	-2.875	0.000	21.850	16.030	15.380
3	01:24:47	108.879%	-0.004	-2.155	-2.472	0.000	23.190	15.850	15.580
x		108.150%	0.011	-1.797	-2.522	0.000	20.990	14.180	13.830
σ		0.758%	0.014	0.343	0.330	0.000	2.740	3.052	2.850
%RSD		0.701	124.700	19.090	13.100	0.000	13.060	21.530	20.600
Run	**Time**	**27Al**	**28Si**	**37Cl**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:23:21	4.309	-1.848	0.000	-16.180	14.840	12.910	108.867%	-0.400
2	01:24:04	6.987	-0.922	0.000	-13.930	9.139	17.580	106.977%	-0.487
3	01:24:47	7.276	-1.190	0.000	-14.300	18.860	16.380	108.368%	-0.684
x		6.191	-1.320	0.000	-14.800	14.280	15.620	108.071%	-0.524
σ		1.636	0.477	0.000	1.208	4.883	2.423	0.979%	0.145
%RSD		26.430	36.110	0.000	8.162	34.200	15.510	0.906	27.780
Run	**Time**	**51V**	**52Cr**	**55Mn**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**63Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:23:21	-0.026	0.013	0.541	10.690	12.200	0.029	0.052	0.020
2	01:24:04	-0.007	0.005	0.884	18.670	18.140	0.059	0.135	0.039
3	01:24:47	0.006	0.032	0.932	18.790	21.140	0.027	0.037	0.072
x		-0.009	0.017	0.786	16.050	17.160	0.038	0.074	0.044
σ		0.016	0.014	0.214	4.640	4.548	0.018	0.053	0.026
%RSD		179.800	83.930	27.190	28.910	26.510	47.300	71.050	59.750
Run	**Time**	**65Cu**	**66Zn**	**68Zn**	**75As**	**78Se**	**82Se**	**83Kr**	**88Sr**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:23:21	-0.006	0.017	-0.021	0.082	0.088	0.009	0.000	0.060
2	01:24:04	0.082	0.141	0.150	0.219	0.031	0.458	0.000	0.083
3	01:24:47	0.024	0.131	0.068	0.221	-0.052	0.636	0.000	0.084
x		0.033	0.096	0.066	0.174	0.022	0.367	0.000	0.075
σ		0.044	0.069	0.086	0.080	0.070	0.323	0.000	0.013
%RSD		133.300	71.810	130.300	45.730	312.200	87.940	0.000	17.690
Run	**Time**	**89Y**	**95Mo**	**98Mo**	**103Rh**	**107Ag**	**109Ag**	**111Cd**	**114Cd**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:23:21	101.525%	0.227	0.261	99.738%	0.011	0.011	0.096	0.071
2	01:24:04	102.148%	0.235	0.254	100.129%	0.025	0.018	0.124	0.097
3	01:24:47	103.888%	0.236	0.140	100.581%	0.027	0.022	-0.005	0.019
x		102.520%	0.233	0.218	100.150%	0.021	0.017	0.072	0.062
σ		1.225%	0.005	0.068	0.422%	0.009	0.005	0.068	0.040
%RSD		1.195	2.045	31.080	0.421	42.430	30.580	94.490	63.810
Run	**Time**	**115In**	**118Sn**	**121Sb**	**123Sb**	**135Ba**	**137Ba**	**159Tb**	**165Ho**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:23:21	95.785%	-0.156	0.065	0.040	0.088	0.075	95.323%	95.377%
2	01:24:04	96.681%	-0.184	0.045	0.045	0.120	0.082	97.472%	97.532%
3	01:24:47	97.402%	-0.194	0.060	0.070	0.085	0.140	97.404%	98.728%
x		96.623%	-0.178	0.057	0.051	0.098	0.099	96.733%	97.212%
σ		0.810%	0.020	0.011	0.016	0.019	0.036	1.221%	1.698%
%RSD		0.838	11.110	18.710	31.120	19.890	36.060	1.263	1.747
Run	**Time**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	01:23:21	0.017	0.012	0.056	0.065	0.061	102.290%		
2	01:24:04	0.023	0.019	0.063	0.102	0.081	104.013%		
3	01:24:47	0.024	0.024	0.083	0.096	0.092	104.686%		
x		0.021	0.018	0.067	0.088	0.078	103.663%		
σ		0.004	0.006	0.014	0.020	0.016	1.236%		
%RSD		18.050	31.290	20.780	22.450	20.440	1.192		

240-22562-B-25-A 5/2/2013 1:30:52 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:31:35	86.916%	6.142	23.440	23.550	0.000	489.200	24250.000	24050.000
2	01:32:18	87.423%	5.056	21.500	22.600	0.000	479.600	24090.000	23900.000
3	01:33:01	84.856%	5.374	23.410	23.310	0.000	483.100	23940.000	23930.000
x		86.398%	5.524	22.780	23.150	0.000	484.000	24090.000	23960.000
σ		1.359%	0.558	1.114	0.490	0.000	4.862	158.700	79.110
%RSD		1.573	10.100	4.888	2.118	0.000	1.005	0.659	0.330

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:31:35	88090.000	17750.000	0.000	9771.000	32490.000	30600.000	90.870%	908.300
2	01:32:18	87720.000	17590.000	0.000	9907.000	33080.000	30530.000	89.010%	919.100
3	01:33:01	86350.000	17510.000	0.000	9833.000	32820.000	30650.000	87.366%	904.000
x		87390.000	17610.000	0.000	9837.000	32800.000	30590.000	89.082%	910.500
σ		913.300	118.900	0.000	68.450	298.900	60.830	1.753%	7.766
%RSD		1.045	0.675	0.000	0.696	0.911	0.199	1.968	0.853

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:31:35	166.200	120.600	10160.000	232600.000	236900.000	95.520	189.000	150.800
2	01:32:18	165.200	120.400	10090.000	231700.000	236100.000	93.770	185.100	149.700
3	01:33:01	164.300	121.200	10180.000	233000.000	236800.000	93.280	186.200	150.200
x		165.200	120.700	10140.000	232400.000	236600.000	94.190	186.800	150.300
σ		0.962	0.399	46.800	646.100	447.400	1.180	2.000	0.561
%RSD		0.582	0.331	0.461	0.278	0.189	1.253	1.071	0.373

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:31:35	150.600	586.700	594.400	116.500	1.673	3.842	0.000	94.750
2	01:32:18	150.600	590.300	610.300	115.600	1.584	1.892	0.000	94.980
3	01:33:01	150.500	593.800	598.900	115.600	1.472	3.190	0.000	95.120
x		150.600	590.300	601.200	115.900	1.577	2.975	0.000	94.950
σ		0.094	3.554	8.167	0.554	0.101	0.992	0.000	0.187
%RSD		0.062	0.602	1.358	0.478	6.381	33.360	0.000	0.197

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:31:35	0.000	7.963	8.369	83.345%	0.457	0.427	1.435	1.294
2	01:32:18	0.000	8.199	8.146	82.996%	0.422	0.456	1.197	1.234
3	01:33:01	0.000	8.401	8.551	81.293%	0.440	0.387	1.482	1.261
x		0.000	8.188	8.355	82.545%	0.440	0.423	1.371	1.263
σ		0.000	0.219	0.203	1.098%	0.018	0.034	0.153	0.030
%RSD		0.000	2.680	2.425	1.330	4.017	8.125	11.150	2.399

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:31:35	84.440%	1.821	0.429	0.418	654.700	648.100	90.629%	88.865%
2	01:32:18	84.114%	1.836	0.380	0.387	653.200	652.600	91.193%	89.888%
3	01:33:01	83.791%	1.736	0.404	0.469	656.500	652.400	90.152%	89.486%
x		84.115%	1.798	0.404	0.424	654.800	651.000	90.658%	89.413%
σ		0.324%	0.054	0.025	0.041	1.647	2.559	0.521%	0.516%
%RSD		0.386	2.995	6.122	9.733	0.252	0.393	0.575	0.577

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	01:31:35	1.392	1.391	147.200	144.900	145.700	82.776%
2	01:32:18	1.390	1.425	149.300	149.200	148.300	82.267%
3	01:33:01	1.429	1.417	149.500	146.900	148.400	82.018%
x		1.404	1.411	148.700	147.000	147.500	82.353%
σ		0.022	0.018	1.235	2.153	1.556	0.386%
%RSD		1.576	1.256	0.831	1.464	1.055	0.469

240-22562-B-26-A 5/2/2013 1:39:06 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:39:49	94.523%	1.293	18.550	18.210	0.000	379.000	21280.000	21110.000
2	01:40:32	93.888%	1.597	17.770	17.530	0.000	373.100	20580.000	20720.000
3	01:41:15	93.370%	1.678	16.920	17.840	0.000	373.900	20770.000	20800.000
x		93.927%	1.523	17.750	17.860	0.000	375.400	20870.000	20880.000
σ		0.578%	0.203	0.815	0.338	0.000	3.202	363.200	207.400
%RSD		0.615	13.340	4.592	1.895	0.000	0.853	1.740	0.993

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:39:49	26560.000	12030.000	0.000	6729.000	59440.000	56580.000	96.522%	385.800
2	01:40:32	25990.000	11880.000	0.000	6785.000	60500.000	56510.000	96.481%	388.100
3	01:41:15	26030.000	11740.000	0.000	6633.000	59900.000	56670.000	95.105%	383.000
x		26190.000	11880.000	0.000	6716.000	59940.000	56590.000	96.036%	385.600
σ		318.000	143.500	0.000	77.000	529.400	81.250	0.807%	2.523
%RSD		1.214	1.208	0.000	1.147	0.883	0.144	0.840	0.654

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:39:49	50.590	45.560	1299.000	84000.000	85280.000	33.360	86.660	79.580
2	01:40:32	48.490	44.050	1287.000	83440.000	84240.000	32.430	84.650	77.210
3	01:41:15	49.250	44.800	1291.000	83040.000	84100.000	32.140	85.210	79.110
x		49.450	44.800	1292.000	83500.000	84540.000	32.640	85.510	78.630
σ		1.063	0.759	6.386	482.700	645.200	0.636	1.038	1.252
%RSD		2.150	1.694	0.494	0.578	0.763	1.947	1.213	1.592

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:39:49	80.950	219.500	216.900	61.760	1.031	2.031	0.000	91.730
2	01:40:32	76.930	213.100	216.700	59.660	0.449	2.613	0.000	91.650
3	01:41:15	80.080	218.500	220.700	60.880	0.612	0.850	0.000	92.230
x		79.320	217.100	218.100	60.770	0.697	1.831	0.000	91.870
σ		2.113	3.479	2.220	1.057	0.301	0.898	0.000	0.316
%RSD		2.664	1.603	1.018	1.740	43.110	49.050	0.000	0.343

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:39:49	0.000	4.266	4.133	92.163%	0.142	0.112	0.515	0.382
2	01:40:32	0.000	4.198	4.325	92.918%	0.142	0.105	0.461	0.368
3	01:41:15	0.000	4.375	4.270	92.293%	0.142	0.132	0.515	0.379
x		0.000	4.280	4.243	92.458%	0.142	0.117	0.497	0.376
σ		0.000	0.089	0.099	0.403%	0.000	0.014	0.031	0.007
%RSD		0.000	2.080	2.332	0.436	0.135	11.960	6.207	1.931

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:39:49	92.102%	4.110	0.429	0.410	158.900	158.700	94.603%	94.228%
2	01:40:32	92.852%	4.004	0.419	0.348	161.000	158.300	95.738%	96.335%
3	01:41:15	92.333%	4.122	0.384	0.384	158.100	159.200	97.120%	96.529%
x		92.429%	4.079	0.411	0.381	159.400	158.800	95.820%	95.697%
σ		0.384%	0.065	0.024	0.031	1.512	0.466	1.260%	1.276%
%RSD		0.415	1.595	5.833	8.173	0.949	0.293	1.315	1.333

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	01:39:49	0.558	0.560	49.950	49.110	49.590	88.874%
2	01:40:32	0.537	0.581	50.670	49.970	50.170	89.870%
3	01:41:15	0.557	0.563	51.070	50.350	50.580	89.148%
x		0.551	0.568	50.560	49.810	50.110	89.297%
σ		0.012	0.011	0.566	0.639	0.499	0.515%
%RSD		2.203	2.008	1.119	1.283	0.996	0.576

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:48:03	87.088%	4.001	24.630	23.280	0.000	389.400	20450.000	20320.000
2	01:48:46	84.394%	3.942	23.210	22.600	0.000	400.000	20520.000	20300.000
3	01:49:29	84.966%	4.582	23.730	22.850	0.000	389.500	19900.000	20060.000
x		85.483%	4.175	23.860	22.910	0.000	393.000	20290.000	20230.000
σ		1.419%	0.354	0.718	0.344	0.000	6.114	342.000	147.800
%RSD		1.660	8.475	3.008	1.500	0.000	1.556	1.686	0.731

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:48:03	102600.000	19310.000	0.000	7627.000	10020.000	9610.000	91.096%	1291.000
2	01:48:46	102100.000	19190.000	0.000	7583.000	10360.000	9654.000	86.815%	1276.000
3	01:49:29	101000.000	18930.000	0.000	7555.000	10190.000	9556.000	86.667%	1277.000
x		101900.000	19140.000	0.000	7588.000	10190.000	9606.000	88.193%	1281.000
σ		836.900	193.300	0.000	36.670	172.000	49.020	2.516%	8.438
%RSD		0.821	1.010	0.000	0.483	1.688	0.510	2.852	0.658

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:48:03	203.400	138.000	3385.000	227700.000	230000.000	83.350	151.300	143.400
2	01:48:46	199.900	135.200	3428.000	228200.000	231500.000	83.440	150.300	143.000
3	01:49:29	201.200	135.800	3408.000	227100.000	229600.000	80.830	146.400	142.400
x		201.500	136.300	3407.000	227700.000	230400.000	82.540	149.300	142.900
σ		1.767	1.490	21.460	562.700	984.500	1.484	2.621	0.527
%RSD		0.877	1.093	0.630	0.247	0.427	1.798	1.755	0.369

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:48:03	142.700	419.700	425.100	104.300	2.581	4.256	0.000	60.050
2	01:48:46	141.800	427.200	429.400	104.500	2.586	3.797	0.000	61.730
3	01:49:29	141.900	421.200	427.900	100.800	2.422	4.430	0.000	60.430
x		142.100	422.700	427.500	103.200	2.530	4.161	0.000	60.740
σ		0.511	3.977	2.215	2.123	0.093	0.327	0.000	0.879
%RSD		0.359	0.941	0.518	2.057	3.692	7.864	0.000	1.447

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:48:03	0.000	9.487	10.100	83.600%	0.328	0.240	1.011	0.967
2	01:48:46	0.000	9.694	9.987	81.781%	0.325	0.273	1.069	0.750
3	01:49:29	0.000	9.783	10.080	80.742%	0.307	0.215	1.126	0.946
x		0.000	9.654	10.060	82.041%	0.320	0.243	1.069	0.887
σ		0.000	0.152	0.062	1.446%	0.011	0.029	0.058	0.119
%RSD		0.000	1.572	0.616	1.763	3.539	12.100	5.405	13.440

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:48:03	84.524%	1.557	0.417	0.353	562.400	559.000	89.279%	87.928%
2	01:48:46	83.616%	1.587	0.393	0.390	563.100	560.100	88.337%	88.302%
3	01:49:29	82.641%	1.572	0.385	0.376	563.200	566.500	87.995%	87.414%
x		83.594%	1.572	0.398	0.373	562.900	561.900	88.537%	87.881%
σ		0.942%	0.015	0.017	0.018	0.445	4.052	0.665%	0.446%
%RSD		1.127	0.934	4.209	4.944	0.079	0.721	0.751	0.507

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	01:48:03	1.599	1.582	144.200	141.300	143.400	81.772%
2	01:48:46	1.533	1.606	145.300	143.500	144.000	81.565%
3	01:49:29	1.524	1.568	146.600	144.500	145.100	81.416%
x		1.552	1.585	145.300	143.100	144.200	81.584%
σ		0.041	0.019	1.195	1.648	0.904	0.179%
%RSD		2.630	1.202	0.822	1.152	0.627	0.219

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:56:15	86.818%	4.213	26.870	24.930	0.000	388.300	23170.000	23070.000
2	01:56:58	82.409%	4.170	25.040	24.550	0.000	393.100	23380.000	23140.000
3	01:57:41	82.291%	4.167	26.730	24.750	0.000	398.000	23130.000	23040.000
x		83.839%	4.183	26.210	24.740	0.000	393.100	23230.000	23080.000
σ		2.580%	0.026	1.022	0.186	0.000	4.873	132.500	51.700
%RSD		3.078	0.611	3.900	0.753	0.000	1.239	0.571	0.224

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:56:15	75370.000	15350.000	0.000	9239.000	10880.000	10300.000	87.544%	865.600
2	01:56:58	75120.000	15170.000	0.000	9320.000	11090.000	10300.000	83.453%	868.900
3	01:57:41	75260.000	15190.000	0.000	9110.000	10910.000	10330.000	82.670%	857.200
x		75250.000	15240.000	0.000	9223.000	10960.000	10310.000	84.556%	863.900
σ		123.800	97.210	0.000	105.900	110.800	18.850	2.618%	6.022
%RSD		0.165	0.638	0.000	1.148	1.011	0.183	3.096	0.697

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:56:15	137.400	118.000	4368.000	231800.000	235600.000	95.820	229.800	196.200
2	01:56:58	136.000	117.200	4360.000	234700.000	238000.000	96.480	230.700	199.200
3	01:57:41	136.200	115.000	4402.000	232100.000	235600.000	94.340	229.000	194.600
x		136.600	116.700	4377.000	232900.000	236400.000	95.540	229.900	196.700
σ		0.730	1.548	22.350	1571.000	1397.000	1.095	0.829	2.343
%RSD		0.534	1.327	0.511	0.675	0.591	1.146	0.360	1.192

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:56:15	198.100	594.100	600.500	129.000	1.010	2.906	0.000	69.120
2	01:56:58	199.500	603.100	614.200	131.100	0.885	2.297	0.000	69.660
3	01:57:41	196.000	595.600	601.800	129.200	0.891	2.076	0.000	69.170
x		197.900	597.600	605.500	129.800	0.928	2.427	0.000	69.320
σ		1.769	4.814	7.558	1.188	0.070	0.430	0.000	0.294
%RSD		0.894	0.806	1.248	0.915	7.582	17.720	0.000	0.424

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:56:15	0.000	9.657	9.689	79.585%	0.260	0.150	1.559	1.311
2	01:56:58	0.000	9.573	9.486	78.266%	0.281	0.162	1.540	1.273
3	01:57:41	0.000	9.409	10.070	76.885%	0.224	0.136	1.433	1.185
x		0.000	9.547	9.749	78.245%	0.255	0.149	1.511	1.256
σ		0.000	0.126	0.298	1.350%	0.029	0.013	0.068	0.064
%RSD		0.000	1.320	3.058	1.725	11.490	8.618	4.516	5.133

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:56:15	81.793%	1.951	0.595	0.516	496.500	496.300	88.422%	87.636%
2	01:56:58	80.020%	1.935	0.554	0.503	493.900	496.400	88.687%	87.361%
3	01:57:41	80.132%	1.955	0.562	0.600	493.600	496.100	88.158%	87.267%
x		80.648%	1.947	0.570	0.540	494.700	496.300	88.422%	87.421%
σ		0.993%	0.011	0.022	0.053	1.586	0.134	0.265%	0.192%
%RSD		1.231	0.542	3.814	9.728	0.321	0.027	0.299	0.219

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	01:56:15	1.284	1.307	133.100	131.600	132.100	78.260%
2	01:56:58	1.253	1.314	134.200	132.000	133.300	78.289%
3	01:57:41	1.261	1.295	134.900	133.600	133.900	77.789%
x		1.266	1.305	134.100	132.400	133.100	78.112%
σ		0.016	0.010	0.892	1.029	0.946	0.280%
%RSD		1.229	0.755	0.665	0.777	0.710	0.359

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:04:27	86.660%	4.468	23.430	22.950	0.000	386.100	21750.000	21430.000
2	02:05:10	85.092%	4.231	25.150	23.490	0.000	389.000	21410.000	21230.000
3	02:05:53	84.692%	4.591	24.160	23.020	0.000	386.600	21450.000	21290.000
x		85.481%	4.430	24.250	23.150	0.000	387.200	21530.000	21310.000
σ		1.040%	0.183	0.862	0.290	0.000	1.573	186.100	103.200
%RSD		1.217	4.135	3.553	1.251	0.000	0.406	0.864	0.484

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:04:27	87910.000	18130.000	0.000	7626.000	16110.000	15390.000	88.949%	1185.000
2	02:05:10	86690.000	17830.000	0.000	7624.000	16010.000	15680.000	85.834%	1178.000
3	02:05:53	86690.000	17730.000	0.000	7562.000	16000.000	15320.000	85.200%	1186.000
x		87100.000	17900.000	0.000	7604.000	16040.000	15460.000	86.661%	1183.000
σ		703.500	207.200	0.000	36.530	56.880	188.100	2.007%	4.132
%RSD		0.808	1.158	0.000	0.480	0.355	1.216	2.316	0.349

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:04:27	166.900	123.600	6491.000	223400.000	227500.000	105.100	186.100	170.600
2	02:05:10	165.800	121.800	6499.000	223500.000	227100.000	102.400	183.200	166.600
3	02:05:53	164.200	123.700	6511.000	222400.000	225900.000	102.000	182.900	166.300
x		165.600	123.000	6500.000	223100.000	226900.000	103.200	184.100	167.800
σ		1.346	1.074	10.000	599.100	825.600	1.684	1.798	2.371
%RSD		0.813	0.873	0.154	0.269	0.364	1.632	0.977	1.413

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:04:27	172.700	513.100	524.200	124.900	2.218	4.349	0.000	66.650
2	02:05:10	168.200	516.800	521.100	121.900	2.026	3.444	0.000	67.750
3	02:05:53	169.600	516.700	525.600	121.000	1.821	3.250	0.000	67.660
x		170.200	515.500	523.600	122.600	2.022	3.681	0.000	67.350
σ		2.285	2.110	2.304	2.043	0.199	0.586	0.000	0.612
%RSD		1.343	0.409	0.440	1.666	9.835	15.930	0.000	0.909

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:04:27	0.000	10.040	9.622	81.855%	0.408	0.389	1.282	0.983
2	02:05:10	0.000	9.824	9.853	80.467%	0.398	0.315	1.330	1.127
3	02:05:53	0.000	10.130	10.080	78.738%	0.418	0.348	1.222	1.126
x		0.000	9.996	9.852	80.353%	0.408	0.350	1.278	1.079
σ		0.000	0.156	0.230	1.562%	0.010	0.037	0.054	0.083
%RSD		0.000	1.557	2.338	1.943	2.458	10.580	4.237	7.660

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:04:27	83.395%	1.390	0.449	0.416	554.700	548.100	90.212%	88.889%
2	02:05:10	82.215%	1.462	0.476	0.416	556.900	555.500	89.436%	88.907%
3	02:05:53	81.690%	1.419	0.424	0.400	551.500	553.400	89.322%	88.464%
x		82.434%	1.424	0.450	0.411	554.400	552.300	89.657%	88.753%
σ		0.873%	0.036	0.026	0.009	2.743	3.823	0.484%	0.251%
%RSD		1.060	2.539	5.871	2.268	0.495	0.692	0.540	0.283

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	02:04:27	1.400	1.465	149.000	146.200	147.300	80.209%
2	02:05:10	1.410	1.457	148.500	146.200	147.200	80.517%
3	02:05:53	1.489	1.470	149.300	145.200	147.500	79.665%
x		1.433	1.464	148.900	145.900	147.300	80.130%
σ		0.049	0.007	0.400	0.607	0.198	0.432%
%RSD		3.386	0.454	0.269	0.416	0.134	0.539

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:12:37	85.813%	4.599	28.110	28.880	0.000	384.300	22610.000	22520.000
2	02:13:20	85.604%	4.518	28.350	27.320	0.000	377.500	22380.000	22110.000
3	02:14:03	83.773%	4.786	27.460	26.610	0.000	376.600	22100.000	22010.000
x		85.064%	4.635	27.970	27.600	0.000	379.400	22360.000	22210.000
σ		1.123%	0.137	0.458	1.163	0.000	4.238	252.300	270.800
%RSD		1.320	2.963	1.639	4.212	0.000	1.117	1.128	1.219

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:12:37	96920.000	17940.000	0.000	8177.000	15260.000	14390.000	88.715%	1184.000
2	02:13:20	94360.000	17580.000	0.000	8223.000	15120.000	14390.000	86.407%	1167.000
3	02:14:03	93720.000	17310.000	0.000	8176.000	14850.000	14300.000	85.198%	1170.000
x		95000.000	17610.000	0.000	8192.000	15080.000	14360.000	86.774%	1174.000
σ		1692.000	314.000	0.000	26.860	208.900	52.110	1.787%	9.251
%RSD		1.781	1.783	0.000	0.328	1.386	0.363	2.059	0.788

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:12:37	182.100	133.700	3908.000	230200.000	234600.000	88.100	196.900	174.300
2	02:13:20	180.400	133.000	3952.000	229800.000	231900.000	88.310	192.700	173.300
3	02:14:03	182.900	133.300	3956.000	231900.000	234500.000	88.290	197.000	170.200
x		181.800	133.300	3939.000	230600.000	233700.000	88.230	195.500	172.600
σ		1.306	0.330	26.590	1112.000	1539.000	0.115	2.406	2.135
%RSD		0.718	0.247	0.675	0.482	0.659	0.130	1.231	1.237

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:12:37	173.700	481.500	486.800	111.900	1.944	2.867	0.000	77.060
2	02:13:20	173.200	483.100	489.700	111.300	1.970	3.824	0.000	77.720
3	02:14:03	170.800	483.300	484.100	111.200	1.455	2.343	0.000	78.040
x		172.600	482.600	486.900	111.500	1.790	3.011	0.000	77.600
σ		1.556	0.964	2.803	0.399	0.290	0.751	0.000	0.499
%RSD		0.902	0.200	0.576	0.358	16.190	24.930	0.000	0.643

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:12:37	0.000	9.743	9.861	82.024%	0.297	0.238	1.443	1.221
2	02:13:20	0.000	9.943	9.655	79.945%	0.282	0.234	1.399	1.070
3	02:14:03	0.000	9.782	9.822	78.687%	0.285	0.223	1.446	1.212
x		0.000	9.823	9.779	80.219%	0.288	0.232	1.429	1.168
σ		0.000	0.106	0.109	1.685%	0.008	0.008	0.026	0.085
%RSD		0.000	1.079	1.117	2.100	2.786	3.435	1.850	7.277

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:12:37	82.947%	1.514	0.393	0.370	625.000	616.400	90.176%	89.637%
2	02:13:20	82.922%	1.805	0.404	0.432	609.300	610.200	90.759%	90.005%
3	02:14:03	81.549%	1.799	0.389	0.451	611.800	606.900	89.897%	88.919%
x		82.473%	1.706	0.395	0.418	615.400	611.200	90.278%	89.521%
σ		0.800%	0.167	0.008	0.042	8.458	4.808	0.440%	0.552%
%RSD		0.970	9.764	1.961	10.090	1.374	0.787	0.487	0.617

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	02:12:37	1.571	1.574	143.800	142.600	142.900	81.068%
2	02:13:20	1.569	1.591	143.800	142.600	143.100	81.007%
3	02:14:03	1.622	1.566	144.200	141.200	143.200	80.440%
x		1.587	1.577	143.900	142.100	143.100	80.838%
σ		0.030	0.013	0.232	0.780	0.153	0.347%
%RSD		1.891	0.826	0.161	0.549	0.107	0.429

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:20:48	90.371%	1.090	6.160	4.778	0.000	86.880	4546.000	4547.000
2	02:21:31	88.084%	0.956	5.763	4.240	0.000	89.030	4505.000	4494.000
3	02:22:14	90.331%	0.881	3.960	3.918	0.000	85.630	4412.000	4418.000
x		89.595%	0.976	5.294	4.312	0.000	87.180	4488.000	4486.000
σ		1.309%	0.106	1.172	0.434	0.000	1.720	68.720	64.690
%RSD		1.461	10.850	22.140	10.070	0.000	1.973	1.531	1.442

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:20:48	20040.000	3743.000	0.000	1640.000	2966.000	2935.000	90.191%	237.400
2	02:21:31	19580.000	3685.000	0.000	1630.000	2931.000	2949.000	87.082%	232.500
3	02:22:14	18940.000	3665.000	0.000	1602.000	2927.000	2946.000	86.777%	231.400
x		19520.000	3698.000	0.000	1624.000	2941.000	2943.000	88.016%	233.800
σ		550.900	40.510	0.000	20.110	21.680	7.443	1.889%	3.207
%RSD		2.823	1.096	0.000	1.238	0.737	0.253	2.147	1.372

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:20:48	36.780	25.990	757.000	45420.000	45650.000	18.340	40.830	35.850
2	02:21:31	36.120	26.270	757.600	45260.000	45550.000	18.280	41.780	36.430
3	02:22:14	35.690	25.500	753.400	45210.000	45130.000	17.790	39.690	35.270
x		36.200	25.920	756.000	45290.000	45440.000	18.140	40.770	35.850
σ		0.546	0.390	2.272	112.400	274.400	0.302	1.046	0.578
%RSD		1.507	1.504	0.301	0.248	0.604	1.668	2.566	1.611

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:20:48	36.190	107.400	110.000	23.960	0.322	-0.965	0.000	12.730
2	02:21:31	35.910	109.600	109.100	24.050	0.109	-0.114	0.000	12.940
3	02:22:14	33.960	107.800	109.700	23.470	-0.025	-0.338	0.000	12.760
x		35.350	108.300	109.600	23.830	0.135	-0.472	0.000	12.810
σ		1.217	1.185	0.443	0.313	0.174	0.441	0.000	0.115
%RSD		3.444	1.095	0.404	1.313	128.900	93.340	0.000	0.898

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:20:48	109.049%	1.493	1.643	90.584%	0.061	0.030	0.461	0.383
2	02:21:31	106.890%	1.634	1.734	87.125%	0.039	0.036	0.305	0.312
3	02:22:14	105.823%	1.780	1.647	86.197%	0.038	0.041	0.412	0.373
x		107.254%	1.635	1.674	87.968%	0.046	0.035	0.393	0.356
σ		1.643%	0.143	0.051	2.312%	0.013	0.006	0.079	0.038
%RSD		1.532	8.755	3.066	2.628	29.120	15.960	20.190	10.800

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:20:48	88.688%	0.211	0.090	0.074	124.200	125.800	89.622%	90.152%
2	02:21:31	87.613%	0.169	0.069	0.054	124.200	123.300	89.889%	90.278%
3	02:22:14	86.618%	0.160	0.058	0.057	122.300	122.400	89.577%	88.503%
x		87.640%	0.180	0.073	0.062	123.600	123.800	89.696%	89.644%
σ		1.035%	0.027	0.016	0.011	1.098	1.783	0.169%	0.991%
%RSD		1.181	15.010	22.660	17.870	0.889	1.440	0.188	1.105

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	02:20:48	0.344	0.395	27.000	26.410	26.590	91.131%
2	02:21:31	0.340	0.392	27.650	26.790	26.920	90.288%
3	02:22:14	0.373	0.368	27.120	26.700	26.820	89.564%
x		0.353	0.385	27.260	26.630	26.780	90.328%
σ		0.018	0.015	0.343	0.200	0.165	0.784%
%RSD		5.097	3.776	1.257	0.749	0.615	0.868

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:29:00	89.652%	4.446	27.840	26.260	0.000	393.000	22900.000	22790.000
2	02:29:43	87.030%	4.854	25.240	26.670	0.000	389.400	22480.000	22560.000
3	02:30:26	84.780%	4.473	25.670	25.130	0.000	392.800	22620.000	22770.000
x		87.154%	4.591	26.250	26.020	0.000	391.700	22660.000	22710.000
σ		2.438%	0.228	1.390	0.799	0.000	2.011	214.300	124.800
%RSD		2.798	4.971	5.295	3.069	0.000	0.513	0.946	0.550

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:29:00	95050.000	18830.000	0.000	8086.000	14600.000	14300.000	89.382%	1165.000
2	02:29:43	93280.000	18470.000	0.000	7920.000	15090.000	14010.000	87.159%	1162.000
3	02:30:26	94040.000	18410.000	0.000	7956.000	15140.000	14150.000	85.332%	1161.000
x		94120.000	18570.000	0.000	7987.000	14940.000	14150.000	87.291%	1162.000
σ		887.200	228.700	0.000	87.540	295.200	147.200	2.028%	1.993
%RSD		0.943	1.232	0.000	1.096	1.976	1.040	2.323	0.172

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:29:00	179.700	133.400	3845.000	237300.000	241400.000	87.950	207.800	184.100
2	02:29:43	177.200	131.300	3790.000	233800.000	235700.000	84.890	201.800	179.000
3	02:30:26	173.500	131.200	3814.000	232600.000	234900.000	82.370	198.700	179.800
x		176.800	132.000	3816.000	234600.000	237300.000	85.070	202.800	181.000
σ		3.115	1.227	27.320	2461.000	3570.000	2.794	4.646	2.765
%RSD		1.762	0.930	0.716	1.049	1.504	3.284	2.291	1.528

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:29:00	185.900	500.800	505.700	115.800	1.817	2.754	0.000	77.170
2	02:29:43	181.000	497.000	504.800	113.300	1.893	2.570	0.000	76.670
3	02:30:26	174.300	497.200	501.400	114.800	1.924	2.765	0.000	76.570
x		180.400	498.300	504.000	114.600	1.878	2.697	0.000	76.800
σ		5.833	2.143	2.262	1.242	0.055	0.110	0.000	0.320
%RSD		3.234	0.430	0.449	1.084	2.931	4.078	0.000	0.417

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:29:00	0.000	10.820	10.870	81.204%	0.502	0.429	1.427	1.064
2	02:29:43	0.000	10.700	10.850	80.072%	0.480	0.449	1.428	1.097
3	02:30:26	0.000	10.600	11.090	78.962%	0.501	0.407	1.408	1.101
x		0.000	10.700	10.940	80.079%	0.494	0.428	1.421	1.087
σ		0.000	0.109	0.132	1.121%	0.013	0.021	0.011	0.020
%RSD		0.000	1.013	1.205	1.400	2.587	4.893	0.803	1.881

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:29:00	83.506%	1.439	0.406	0.456	641.200	644.300	88.387%	86.784%
2	02:29:43	82.143%	1.359	0.405	0.433	647.300	640.900	88.294%	87.350%
3	02:30:26	81.037%	1.408	0.469	0.484	649.300	644.200	88.032%	86.824%
x		82.229%	1.402	0.427	0.458	645.900	643.100	88.238%	86.986%
σ		1.237%	0.040	0.037	0.025	4.239	1.949	0.184%	0.316%
%RSD		1.504	2.852	8.603	5.516	0.656	0.303	0.209	0.363

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	02:29:00	1.561	1.522	146.700	144.400	145.600	77.140%
2	02:29:43	1.543	1.520	146.800	145.600	145.900	76.583%
3	02:30:26	1.553	1.546	146.400	145.100	145.400	76.883%
x		1.552	1.530	146.600	145.000	145.600	76.869%
σ		0.009	0.015	0.225	0.595	0.232	0.278%
%RSD		0.584	0.954	0.153	0.410	0.159	0.362

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:37:12	84.803%	45.140	831.300	835.900	0.000	43660.000	67140.000	66310.000
2	02:37:55	82.137%	45.130	845.900	851.000	0.000	43960.000	67590.000	66970.000
3	02:38:38	84.450%	43.970	819.300	815.300	0.000	42990.000	65700.000	65690.000
x		83.797%	44.740	832.200	834.000	0.000	43540.000	66810.000	66320.000
σ		1.448%	0.670	13.290	17.940	0.000	496.100	985.200	641.900
%RSD		1.728	1.497	1.597	2.151	0.000	1.139	1.475	0.968

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:37:12	132100.000	29270.000	0.000	53080.000	57850.000	54260.000	89.371%	2123.000
2	02:37:55	132000.000	29190.000	0.000	53020.000	57530.000	54290.000	88.142%	2150.000
3	02:38:38	128600.000	28500.000	0.000	53490.000	55960.000	54170.000	88.324%	2126.000
x		130900.000	28990.000	0.000	53200.000	57110.000	54240.000	88.612%	2133.000
σ		1981.000	425.800	0.000	253.100	1015.000	63.890	0.663%	14.460
%RSD		1.513	1.469	0.000	0.476	1.778	0.118	0.748	0.678

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:37:12	682.700	343.000	4093.000	229900.000	232800.000	527.500	640.300	381.100
2	02:37:55	679.200	339.600	4071.000	228800.000	232400.000	520.000	634.600	380.100
3	02:38:38	675.500	336.900	4040.000	227800.000	229800.000	515.800	631.300	378.500
x		679.100	339.800	4068.000	228800.000	231700.000	521.100	635.400	379.900
σ		3.637	3.063	26.740	1063.000	1649.000	5.935	4.512	1.300
%RSD		0.535	0.901	0.657	0.465	0.712	1.139	0.710	0.342

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:37:12	382.000	842.200	855.000	144.000	8.519	9.329	0.000	1001.000
2	02:37:55	379.000	851.800	864.800	144.600	7.652	10.360	0.000	1010.000
3	02:38:38	382.800	841.100	861.600	144.500	8.282	8.840	0.000	1005.000
x		381.300	845.100	860.500	144.400	8.151	9.509	0.000	1005.000
σ		1.994	5.891	5.002	0.335	0.449	0.775	0.000	4.293
%RSD		0.523	0.697	0.581	0.232	5.503	8.152	0.000	0.427

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:37:12	0.000	902.300	918.700	77.870%	41.750	42.170	42.180	39.780
2	02:37:55	0.000	921.700	931.800	77.517%	42.110	41.670	41.400	38.890
3	02:38:38	0.000	916.200	933.500	77.642%	41.670	41.560	40.620	38.860
x		0.000	913.400	928.000	77.676%	41.840	41.800	41.400	39.180
σ		0.000	9.974	8.081	0.179%	0.232	0.325	0.782	0.523
%RSD		0.000	1.092	0.871	0.231	0.555	0.777	1.888	1.334

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:37:12	79.999%	674.700	178.300	178.100	2407.000	2399.000	86.900%	85.110%
2	02:37:55	80.589%	678.700	178.700	177.200	2392.000	2396.000	87.433%	86.760%
3	02:38:38	81.314%	675.500	177.000	175.700	2370.000	2384.000	88.435%	87.095%
x		80.634%	676.300	178.000	177.000	2390.000	2393.000	87.590%	86.322%
σ		0.659%	2.108	0.869	1.240	18.620	8.129	0.779%	1.063%
%RSD		0.817	0.312	0.488	0.700	0.779	0.340	0.890	1.231

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	02:37:12	47.740	47.850	165.900	165.700	165.400	72.311%
2	02:37:55	47.730	47.410	164.400	164.200	164.400	74.175%
3	02:38:38	47.280	47.860	164.800	163.500	164.500	74.481%
x		47.590	47.710	165.000	164.500	164.800	73.656%
σ		0.261	0.258	0.756	1.101	0.529	1.174%
%RSD		0.548	0.541	0.458	0.669	0.321	1.594

240-22562-A-30-A PDS 5/2/2013 2:44:39 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:45:22	84.845%	44.940	870.800	865.100	0.000	48100.000	68730.000	68790.000
2	02:46:05	83.558%	46.210	890.700	888.900	0.000	48750.000	68860.000	68480.000
3	02:46:48	84.538%	45.930	896.100	886.800	0.000	48660.000	68470.000	68230.000
x		84.314%	45.700	885.900	880.300	0.000	48500.000	68690.000	68500.000
σ		0.672%	0.665	13.330	13.170	0.000	355.000	197.900	277.900
%RSD		0.797	1.456	1.505	1.496	0.000	0.732	0.288	0.406

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:45:22	96880.000	26980.000	0.000	56750.000	64180.000	60890.000	85.083%	2183.000
2	02:46:05	96640.000	26670.000	0.000	55670.000	63780.000	60490.000	85.176%	2148.000
3	02:46:48	95180.000	26590.000	0.000	55750.000	63260.000	60380.000	84.864%	2175.000
x		96240.000	26750.000	0.000	56050.000	63740.000	60590.000	85.041%	2168.000
σ		923.000	204.600	0.000	601.800	461.400	265.700	0.160%	18.530
%RSD		0.959	0.765	0.000	1.074	0.724	0.439	0.188	0.855

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:45:22	675.900	328.400	4419.000	232500.000	234700.000	579.300	681.800	413.900
2	02:46:05	668.800	325.300	4399.000	229800.000	232900.000	574.500	679.400	410.300
3	02:46:48	667.500	323.600	4436.000	231000.000	234800.000	577.000	685.100	408.000
x		670.700	325.800	4418.000	231100.000	234100.000	576.900	682.100	410.700
σ		4.511	2.440	18.410	1344.000	1090.000	2.422	2.874	2.950
%RSD		0.673	0.749	0.417	0.582	0.465	0.420	0.421	0.718

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:45:22	415.000	888.900	899.900	145.300	9.844	10.730	0.000	1087.000
2	02:46:05	415.200	884.300	889.800	143.700	9.607	11.520	0.000	1097.000
3	02:46:48	411.100	888.600	895.100	145.800	10.070	12.610	0.000	1101.000
x		413.800	887.300	894.900	144.900	9.840	11.620	0.000	1095.000
σ		2.329	2.602	5.028	1.092	0.232	0.945	0.000	7.071
%RSD		0.563	0.293	0.562	0.754	2.352	8.137	0.000	0.646

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:45:22	0.000	1128.000	1131.000	73.381%	49.710	48.520	43.770	36.950
2	02:46:05	0.000	1125.000	1139.000	73.143%	49.040	48.800	44.610	38.090
3	02:46:48	0.000	1130.000	1151.000	73.372%	49.750	48.600	45.080	36.900
x		0.000	1128.000	1140.000	73.299%	49.500	48.640	44.490	37.310
σ		0.000	2.740	9.953	0.135%	0.400	0.142	0.665	0.676
%RSD		0.000	0.243	0.873	0.184	0.807	0.293	1.495	1.811

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:45:22	80.753%	1919.000	421.300	415.800	2459.000	2453.000	87.742%	86.600%
2	02:46:05	81.474%	1913.000	425.000	422.700	2427.000	2428.000	90.199%	88.396%
3	02:46:48	81.279%	1922.000	425.900	423.500	2449.000	2447.000	89.571%	88.377%
x		81.169%	1918.000	424.100	420.700	2445.000	2443.000	89.171%	87.791%
σ		0.373%	4.412	2.440	4.247	16.360	13.260	1.276%	1.031%
%RSD		0.460	0.230	0.575	1.009	0.669	0.543	1.431	1.175

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	02:45:22	51.240	51.560	160.300	160.500	160.500	74.273%
2	02:46:05	51.010	51.840	160.800	160.700	160.500	75.465%
3	02:46:48	50.800	51.220	160.500	160.200	160.200	76.169%
x		51.020	51.540	160.500	160.500	160.400	75.303%
σ		0.217	0.312	0.242	0.280	0.162	0.958%
%RSD		0.425	0.605	0.151	0.175	0.101	1.273

CCV 801624 5/2/2013 2:52:51 AM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:53:34	87.054%	98.010	105.000	103.000	0.000	47730.000	47610.000	47960.000
2	02:54:17	87.015%	97.380	102.300	101.900	0.000	46720.000	46970.000	46730.000
3	02:55:00	86.605%	97.780	102.600	104.400	0.000	46530.000	46540.000	46740.000
x		86.892%	97.725%	103.301%	103.126%	0.000	93.983%	94.078%	94.286%
σ		0.249%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		0.286	0.323	1.475	1.215	0.000	1.373	1.141	1.497
Run	**Time**	**27Al**	**28Si**	**37Cl**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:53:34	498.800	5107.000	0.000	49040.000	49000.000	46520.000	82.809%	106.200
2	02:54:17	484.000	4961.000	0.000	48030.000	48940.000	46730.000	82.456%	97.820
3	02:55:00	479.800	4946.000	0.000	48940.000	49600.000	46460.000	82.358%	99.520
x		97.507%	100.096%	0.000	97.342%	98.362%	93.135%	82.541%	101.193%
σ		n/a	n/a	0.000	n/a	n/a	n/a	0.237%	n/a
%RSD		2.042	1.781	0.000	1.143	0.744	0.309	0.287	4.401
Run	**Time**	**51V**	**52Cr**	**55Mn**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**63Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:53:34	101.800	101.800	492.000	24980.000	25080.000	103.000	108.200	107.100
2	02:54:17	98.580	100.900	494.800	24730.000	24840.000	100.800	104.300	103.400
3	02:55:00	98.450	100.100	493.100	24580.000	24750.000	100.800	100.600	103.500
x		99.599%	100.938%	98.659%	99.062%	99.565%	101.531%	104.387%	104.669%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		1.880	0.868	0.292	0.804	0.665	1.289	3.659	2.016
Run	**Time**	**65Cu**	**66Zn**	**68Zn**	**75As**	**78Se**	**82Se**	**83Kr**	**88Sr**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:53:34	105.900	98.920	100.700	103.500	104.600	105.200	0.000	95.150
2	02:54:17	104.500	98.310	101.800	100.800	102.600	98.090	0.000	94.340
3	02:55:00	102.400	98.450	100.500	100.700	102.000	103.600	0.000	94.720
x		104.260%	98.559%	100.983%	101.694%	103.072%	102.319%	0.000	94.736%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		1.690	0.321	0.683	1.560	1.344	3.665	0.000	0.429
Run	**Time**	**89Y**	**95Mo**	**98Mo**	**103Rh**	**107Ag**	**109Ag**	**111Cd**	**114Cd**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:53:34	86.408%	99.030	99.170	83.479%	99.390	100.000	97.200	97.970
2	02:54:17	85.333%	99.530	102.000	82.437%	99.370	99.860	97.630	98.820
3	02:55:00	85.286%	102.200	101.400	82.663%	98.830	99.310	96.670	97.490
x		85.676%	100.246%	100.856%	82.860%	99.198%	99.739%	97.166%	98.095%
σ		0.635%	n/a	n/a	0.548%	n/a	n/a	n/a	n/a
%RSD		0.741	1.682	1.485	0.662	0.321	0.387	0.494	0.688
Run	**Time**	**115In**	**118Sn**	**121Sb**	**123Sb**	**135Ba**	**137Ba**	**159Tb**	**165Ho**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:53:34	83.821%	97.200	94.940	94.890	97.270	95.930	85.762%	86.854%
2	02:54:17	83.084%	97.230	95.410	95.770	93.570	93.100	87.114%	87.029%
3	02:55:00	82.955%	97.720	96.290	95.240	94.050	94.220	86.369%	87.251%
x		83.287%	97.383%	95.549%	95.300%	94.963%	94.418%	86.415%	87.044%
σ		0.467%	n/a	n/a	n/a	n/a	n/a	0.677%	0.199%
%RSD		0.561	0.301	0.719	0.461	2.115	1.512	0.784	0.229
Run	**Time**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	02:53:34	94.020	94.750	94.520	94.250	94.420	84.378%		
2	02:54:17	95.450	96.290	96.310	96.230	96.180	83.419%		
3	02:55:00	94.090	95.150	95.770	95.280	95.790	83.897%		
x		94.521%	95.399%	95.531%	95.253%	95.463%	83.898%		
σ		n/a	n/a	n/a	n/a	n/a	0.479%		
%RSD		0.856	0.839	0.960	1.035	0.968	0.571		

CCB4 5/2/2013 3:01:06 AM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:01:49	106.140%	0.005	1.543	1.545	0.000	15.720	9.072	8.825
2	03:02:32	102.884%	0.024	1.647	0.663	0.000	20.320	12.960	12.700
3	03:03:15	104.453%	0.015	1.768	0.340	0.000	18.750	10.750	10.280
x		104.492%	0.015	1.653	0.849	0.000	18.270	10.930	10.600
σ		1.628%	0.010	0.112	0.624	0.000	2.338	1.947	1.957
%RSD		1.558	64.520	6.799	73.420	0.000	12.800	17.820	18.460

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:01:49	2.751	-0.853	0.000	-18.470	7.311	8.757	105.132%	-0.749
2	03:02:32	4.082	0.408	0.000	-15.550	5.263	11.260	105.492%	-0.578
3	03:03:15	3.376	-0.149	0.000	-17.350	3.286	8.960	104.424%	-0.698
x		3.403	-0.198	0.000	-17.120	5.287	9.658	105.016%	-0.675
σ		0.666	0.632	0.000	1.476	2.013	1.389	0.543%	0.088
%RSD		19.560	318.500	0.000	8.620	38.080	14.380	0.517	12.980

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:01:49	0.016	-0.013	0.336	7.381	7.992	0.023	0.032	0.034
2	03:02:32	-0.021	0.027	0.413	10.550	12.230	0.030	0.047	0.018
3	03:03:15	-0.006	0.019	0.355	8.989	9.536	0.052	0.024	0.061
x		-0.004	0.011	0.368	8.974	9.920	0.035	0.034	0.037
σ		0.019	0.021	0.040	1.585	2.146	0.015	0.011	0.022
%RSD		501.500	186.700	10.920	17.670	21.630	43.540	33.210	58.780

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:01:49	0.042	0.070	0.088	0.011	-0.049	-0.108	0.000	0.041
2	03:02:32	-0.016	0.052	0.107	0.112	-0.092	0.007	0.000	0.042
3	03:03:15	0.004	0.032	0.153	0.118	-0.130	0.286	0.000	0.055
x		0.010	0.051	0.116	0.080	-0.090	0.062	0.000	0.046
σ		0.029	0.019	0.033	0.060	0.040	0.202	0.000	0.008
%RSD		298.000	37.720	28.580	75.040	44.590	328.600	0.000	17.020

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:01:49	99.453%	0.307	0.254	95.716%	0.005	0.004	0.114	0.074
2	03:02:32	100.151%	0.331	0.268	96.783%	0.023	0.021	0.100	0.080
3	03:03:15	100.221%	0.268	0.361	97.125%	0.018	0.008	0.108	0.066
x		99.942%	0.302	0.294	96.541%	0.015	0.011	0.107	0.073
σ		0.424%	0.032	0.058	0.735%	0.009	0.009	0.007	0.007
%RSD		0.424	10.610	19.670	0.761	58.440	77.990	6.263	9.698

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:01:49	92.205%	0.260	0.214	0.140	0.013	0.041	92.143%	91.310%
2	03:02:32	93.448%	0.263	0.216	0.222	0.041	0.110	93.775%	93.669%
3	03:03:15	94.256%	0.292	0.175	0.177	0.033	0.064	93.986%	95.140%
x		93.303%	0.272	0.202	0.179	0.029	0.072	93.301%	93.373%
σ		1.033%	0.017	0.023	0.041	0.014	0.035	1.009%	1.932%
%RSD		1.108	6.430	11.450	22.770	49.760	48.360	1.081	2.069

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	03:01:49	0.013	0.011	0.021	0.027	0.026	98.417%
2	03:02:32	0.021	0.014	0.032	0.030	0.039	100.559%
3	03:03:15	0.015	0.010	0.026	0.045	0.033	101.317%
x		0.016	0.012	0.026	0.034	0.033	100.098%
σ		0.004	0.002	0.006	0.010	0.006	1.504%
%RSD		25.640	16.360	22.210	28.660	19.650	1.502

MB 180-68756/1-A 5/2/2013 3:09:20 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:10:03	97.057%	-0.003	0.859	0.144	0.000	21.520	8.701	9.871
2	03:10:47	96.414%	-0.013	0.671	-0.378	0.000	22.780	8.384	9.012
3	03:11:30	95.953%	-0.003	-0.472	-0.616	0.000	23.740	9.332	9.783
x		96.475%	-0.006	0.353	-0.283	0.000	22.680	8.806	9.556
σ		0.554%	0.006	0.720	0.389	0.000	1.117	0.482	0.472
%RSD		0.574	93.580	204.300	137.300	0.000	4.923	5.476	4.944

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:10:03	0.411	3.731	0.000	-14.970	31.290	25.960	93.849%	-0.259
2	03:10:47	0.671	3.762	0.000	-15.000	19.980	20.630	93.566%	-0.312
3	03:11:30	1.342	3.097	0.000	-13.450	29.270	23.330	93.106%	-0.198
x		0.808	3.530	0.000	-14.470	26.850	23.310	93.507%	-0.256
σ		0.480	0.376	0.000	0.886	6.033	2.668	0.375%	0.057
%RSD		59.460	10.640	0.000	6.125	22.470	11.450	0.401	22.140

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:10:03	-0.014	-0.013	0.014	6.154	2.339	0.057	0.028	0.100
2	03:10:47	0.026	-0.019	0.037	5.206	2.288	0.068	0.077	0.106
3	03:11:30	0.033	-0.021	0.099	6.508	4.066	0.063	0.012	0.107
x		0.015	-0.018	0.050	5.956	2.898	0.063	0.039	0.104
σ		0.025	0.004	0.044	0.673	1.012	0.005	0.034	0.004
%RSD		168.600	22.580	88.290	11.310	34.940	8.699	87.110	3.863

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:10:03	0.036	0.338	0.516	0.192	-0.227	0.441	0.000	0.108
2	03:10:47	0.029	0.305	0.279	-0.081	0.039	-0.767	0.000	0.093
3	03:11:30	0.036	0.358	0.550	0.001	0.222	-0.316	0.000	0.101
x		0.033	0.334	0.449	0.037	0.011	-0.214	0.000	0.101
σ		0.004	0.027	0.147	0.140	0.226	0.611	0.000	0.007
%RSD		12.220	8.015	32.890	377.000	1984.000	285.500	0.000	7.384

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:10:03	103.032%	0.246	0.320	96.844%	0.015	-0.006	0.225	0.153
2	03:10:47	103.674%	0.200	0.214	97.849%	0.003	-0.005	0.100	0.056
3	03:11:30	103.075%	0.254	0.223	97.718%	-0.006	-0.000	0.051	0.023
x		103.261%	0.233	0.252	97.470%	0.004	-0.004	0.125	0.077
σ		0.359%	0.029	0.059	0.546%	0.010	0.003	0.090	0.068
%RSD		0.348	12.450	23.320	0.561	256.600	80.070	71.420	87.560

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:10:03	92.965%	1.029	0.134	0.087	0.142	0.205	92.276%	92.609%
2	03:10:47	94.223%	0.895	0.115	0.109	0.139	0.222	94.147%	93.799%
3	03:11:30	93.866%	1.668	0.148	0.124	0.252	0.238	94.590%	95.528%
x		93.685%	1.197	0.132	0.107	0.178	0.222	93.671%	93.979%
σ		0.648%	0.413	0.017	0.019	0.065	0.016	1.228%	1.468%
%RSD		0.692	34.510	12.630	17.500	36.280	7.342	1.311	1.562

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	03:10:03	0.004	0.002	-0.011	-0.007	-0.006	98.247%
2	03:10:47	0.008	-0.000	-0.006	-0.008	-0.010	99.827%
3	03:11:30	0.006	-0.001	-0.000	-0.004	-0.004	99.376%
x		0.006	0.000	-0.006	-0.006	-0.007	99.150%
σ		0.002	0.002	0.006	0.002	0.003	0.814%
%RSD		31.920	327.600	95.940	31.620	43.900	0.821

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:18:17	81.311%	42.320	874.100	871.100	0.000	45480.000	45020.000	44980.000
2	03:19:00	79.609%	42.850	891.500	891.400	0.000	45980.000	45340.000	44950.000
3	03:19:43	80.184%	42.760	865.800	875.300	0.000	44710.000	44260.000	43880.000
x		80.368%	42.640	877.200	879.200	0.000	45390.000	44870.000	44600.000
σ		0.866%	0.283	13.120	10.710	0.000	641.200	556.800	623.300
%RSD		1.078	0.664	1.495	1.219	0.000	1.413	1.241	1.397

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:18:17	1834.000	7995.000	0.000	45890.000	45850.000	43540.000	80.448%	965.800
2	03:19:00	1809.000	7893.000	0.000	45240.000	46160.000	43230.000	79.915%	947.400
3	03:19:43	1788.000	7725.000	0.000	44970.000	46160.000	43140.000	80.008%	962.500
x		1810.000	7871.000	0.000	45370.000	46050.000	43310.000	80.124%	958.500
σ		23.140	136.200	0.000	471.700	179.100	208.300	0.285%	9.826
%RSD		1.278	1.730	0.000	1.040	0.389	0.481	0.356	1.025

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:18:17	479.500	192.400	468.400	1179.000	1310.000	497.400	504.100	250.600
2	03:19:00	468.300	188.800	464.100	1158.000	1301.000	482.200	490.000	245.200
3	03:19:43	476.500	186.900	466.600	1160.000	1291.000	482.300	494.600	243.400
x		474.800	189.300	466.400	1166.000	1301.000	487.300	496.200	246.400
σ		5.790	2.799	2.139	11.560	9.551	8.758	7.158	3.769
%RSD		1.220	1.478	0.459	0.992	0.734	1.797	1.442	1.530

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:18:17	252.500	413.100	419.000	33.640	7.614	10.660	0.000	962.500
2	03:19:00	244.600	405.800	411.700	33.470	7.752	9.340	0.000	952.500
3	03:19:43	243.600	412.900	412.000	32.890	7.890	9.203	0.000	948.800
x		246.900	410.600	414.200	33.330	7.752	9.733	0.000	954.600
σ		4.867	4.147	4.145	0.394	0.138	0.803	0.000	7.077
%RSD		1.971	1.010	1.001	1.181	1.780	8.247	0.000	0.741

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:18:17	72.983%	991.400	984.000	77.462%	46.270	46.450	41.960	37.520
2	03:19:00	74.544%	977.900	975.200	77.819%	46.040	45.680	42.790	38.730
3	03:19:43	74.446%	982.500	973.800	77.802%	46.320	46.980	42.940	38.210
x		73.991%	983.900	977.700	77.695%	46.210	46.370	42.560	38.150
σ		0.875%	6.848	5.523	0.201%	0.145	0.655	0.527	0.607
%RSD		1.182	0.696	0.565	0.259	0.314	1.413	1.239	1.591

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:18:17	72.861%	1924.000	432.600	426.500	1843.000	1825.000	82.331%	83.913%
2	03:19:00	72.963%	1937.000	432.300	431.100	1839.000	1820.000	84.184%	84.642%
3	03:19:43	73.049%	1945.000	436.200	429.700	1830.000	1826.000	84.719%	85.125%
x		72.958%	1936.000	433.700	429.100	1837.000	1824.000	83.745%	84.560%
σ		0.094%	10.350	2.203	2.338	6.333	3.374	1.253%	0.610%
%RSD		0.129	0.535	0.508	0.545	0.345	0.185	1.497	0.722

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	03:18:17	43.880	44.500	16.770	18.710	17.790	76.866%
2	03:19:00	45.010	44.920	17.220	18.880	17.960	77.142%
3	03:19:43	44.690	44.910	17.260	18.740	18.020	78.443%
x		44.530	44.780	17.080	18.780	17.920	77.484%
σ		0.584	0.240	0.277	0.091	0.117	0.842%
%RSD		1.310	0.536	1.620	0.484	0.653	1.087

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:26:31	93.778%	3.817	28.140	28.940	0.000	328.800	18270.000	18110.000
2	03:27:14	92.275%	3.615	29.850	28.540	0.000	322.800	18150.000	18190.000
3	03:27:57	91.572%	3.830	27.440	28.220	0.000	320.400	18200.000	18250.000
x		92.542%	3.754	28.480	28.570	0.000	324.000	18210.000	18180.000
σ		1.127%	0.121	1.242	0.358	0.000	4.349	56.710	67.150
%RSD		1.217	3.219	4.360	1.255	0.000	1.342	0.312	0.369
Run	**Time**	**27Al**	**28Si**	**37Cl**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:26:31	55630.000	8220.000	0.000	5552.000	57540.000	54910.000	97.941%	654.200
2	03:27:14	55300.000	8107.000	0.000	5585.000	58280.000	55150.000	94.927%	662.300
3	03:27:57	55340.000	8046.000	0.000	5597.000	58450.000	55510.000	94.361%	649.200
x		55420.000	8124.000	0.000	5578.000	58090.000	55190.000	95.743%	655.200
σ		182.300	88.160	0.000	23.480	484.800	298.200	1.925%	6.632
%RSD		0.329	1.085	0.000	0.421	0.835	0.540	2.010	1.012
Run	**Time**	**51V**	**52Cr**	**55Mn**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**63Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:26:31	98.160	95.890	3587.000	143600.000	145500.000	66.950	155.300	116.500
2	03:27:14	97.830	96.000	3594.000	144400.000	147700.000	66.700	155.300	116.700
3	03:27:57	98.530	96.140	3618.000	145500.000	146900.000	65.430	153.700	115.300
x		98.170	96.010	3600.000	144500.000	146700.000	66.360	154.800	116.200
σ		0.350	0.122	16.550	972.800	1110.000	0.815	0.950	0.751
%RSD		0.356	0.127	0.460	0.673	0.757	1.228	0.614	0.647
Run	**Time**	**65Cu**	**66Zn**	**68Zn**	**75As**	**78Se**	**82Se**	**83Kr**	**88Sr**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:26:31	116.400	432.200	438.000	72.380	2.071	3.101	0.000	150.000
2	03:27:14	117.400	436.000	433.900	73.860	2.257	1.800	0.000	150.700
3	03:27:57	114.700	436.000	437.600	72.470	1.649	2.613	0.000	152.300
x		116.100	434.700	436.500	72.910	1.992	2.505	0.000	151.000
σ		1.381	2.192	2.311	0.831	0.312	0.657	0.000	1.133
%RSD		1.189	0.504	0.529	1.140	15.640	26.250	0.000	0.750
Run	**Time**	**89Y**	**95Mo**	**98Mo**	**103Rh**	**107Ag**	**109Ag**	**111Cd**	**114Cd**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:26:31	0.000	6.045	6.241	90.134%	2.431	2.398	2.087	1.921
2	03:27:14	0.000	6.314	6.241	89.027%	2.395	2.329	1.799	1.656
3	03:27:57	0.000	6.520	6.266	87.810%	2.304	2.261	2.106	1.844
x		0.000	6.293	6.249	88.990%	2.377	2.329	1.997	1.807
σ		0.000	0.238	0.014	1.162%	0.065	0.069	0.172	0.136
%RSD		0.000	3.783	0.231	1.306	2.741	2.950	8.595	7.535
Run	**Time**	**115In**	**118Sn**	**121Sb**	**123Sb**	**135Ba**	**137Ba**	**159Tb**	**165Ho**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:26:31	89.323%	3.188	0.461	0.460	502.000	502.400	93.254%	91.836%
2	03:27:14	88.338%	2.911	0.524	0.410	506.400	502.500	93.574%	92.149%
3	03:27:57	88.752%	2.498	0.432	0.464	499.500	498.500	94.284%	92.861%
x		88.804%	2.866	0.472	0.445	502.600	501.100	93.704%	92.282%
σ		0.494%	0.347	0.047	0.030	3.498	2.281	0.527%	0.525%
%RSD		0.556	12.120	10.010	6.691	0.696	0.455	0.563	0.569
Run	**Time**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	03:26:31	0.894	0.908	110.900	109.500	109.200	84.074%		
2	03:27:14	0.898	0.920	110.900	110.100	110.400	84.159%		
3	03:27:57	0.901	0.916	111.100	109.800	110.200	84.684%		
x		0.898	0.914	111.000	109.800	109.900	84.306%		
σ		0.004	0.006	0.102	0.310	0.665	0.330%		
%RSD		0.430	0.643	0.092	0.283	0.605	0.392		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:34:45	89.174%	3.660	21.800	22.930	0.000	331.600	15870.000	16080.000
2	03:35:28	90.079%	3.428	23.100	21.800	0.000	331.900	15550.000	15740.000
3	03:36:11	89.039%	3.776	22.220	20.080	0.000	323.400	15340.000	15440.000
x		89.431%	3.622	22.370	21.600	0.000	328.900	15590.000	15750.000
σ		0.566%	0.177	0.667	1.433	0.000	4.849	265.300	317.700
%RSD		0.633	4.899	2.981	6.633	0.000	1.474	1.702	2.017

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:34:45	55240.000	6449.000	0.000	5438.000	21510.000	20320.000	93.540%	604.900
2	03:35:28	53410.000	6233.000	0.000	5416.000	22030.000	20520.000	92.331%	605.500
3	03:36:11	52440.000	6232.000	0.000	5361.000	21190.000	20220.000	92.341%	600.400
x		53700.000	6305.000	0.000	5405.000	21580.000	20350.000	92.737%	603.600
σ		1423.000	124.800	0.000	39.360	425.400	152.000	0.695%	2.790
%RSD		2.650	1.980	0.000	0.728	1.972	0.747	0.750	0.462

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:34:45	94.570	88.830	4103.000	138400.000	139700.000	64.360	143.200	114.500
2	03:35:28	93.290	88.600	4059.000	136400.000	138500.000	63.960	141.000	112.400
3	03:36:11	92.510	88.190	4004.000	134700.000	136900.000	62.920	140.400	112.000
x		93.460	88.540	4055.000	136500.000	138400.000	63.750	141.500	113.000
σ		1.036	0.327	49.680	1889.000	1406.000	0.747	1.474	1.332
%RSD		1.109	0.369	1.225	1.384	1.016	1.171	1.041	1.179

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:34:45	113.800	422.400	426.500	67.160	1.834	3.098	0.000	78.830
2	03:35:28	111.400	424.600	426.800	67.050	1.517	2.781	0.000	78.490
3	03:36:11	110.900	424.100	425.000	66.420	1.348	1.892	0.000	79.100
x		112.000	423.700	426.100	66.880	1.566	2.590	0.000	78.810
σ		1.521	1.145	0.973	0.397	0.247	0.625	0.000	0.308
%RSD		1.357	0.270	0.228	0.594	15.750	24.130	0.000	0.391

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:34:45	0.000	5.272	5.777	87.876%	2.336	2.318	1.862	1.824
2	03:35:28	0.000	5.702	5.449	87.179%	2.307	2.344	2.103	1.766
3	03:36:11	0.000	5.250	5.494	86.832%	2.334	2.254	1.888	1.655
x		0.000	5.408	5.573	87.296%	2.326	2.305	1.951	1.748
σ		0.000	0.255	0.177	0.532%	0.016	0.046	0.132	0.086
%RSD		0.000	4.707	3.184	0.609	0.687	2.014	6.767	4.912

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:34:45	88.020%	1.604	0.339	0.356	489.700	486.700	92.307%	91.278%
2	03:35:28	87.485%	1.562	0.358	0.329	490.900	491.700	91.628%	91.951%
3	03:36:11	87.703%	1.520	0.320	0.292	487.500	486.200	92.195%	91.340%
x		87.736%	1.562	0.339	0.326	489.300	488.200	92.043%	91.523%
σ		0.269%	0.042	0.019	0.032	1.725	3.035	0.364%	0.372%
%RSD		0.306	2.686	5.586	9.843	0.352	0.622	0.395	0.406

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	03:34:45	0.824	0.822	104.400	102.500	103.000	84.377%
2	03:35:28	0.863	0.849	103.600	102.100	103.300	84.480%
3	03:36:11	0.869	0.870	104.200	103.800	103.800	84.292%
x		0.852	0.847	104.100	102.800	103.400	84.383%
σ		0.025	0.024	0.404	0.897	0.428	0.094%
%RSD		2.882	2.816	0.389	0.873	0.414	0.111

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:42:59	88.871%	2.679	16.260	16.150	0.000	316.900	13160.000	13040.000
2	03:43:42	86.383%	2.646	17.830	16.320	0.000	322.000	12820.000	12890.000
3	03:44:25	86.133%	2.790	16.330	15.080	0.000	315.800	12890.000	12890.000
x		87.129%	2.705	16.810	15.850	0.000	318.200	12960.000	12940.000
σ		1.514%	0.075	0.886	0.673	0.000	3.288	178.600	85.940
%RSD		1.737	2.785	5.272	4.246	0.000	1.033	1.379	0.664

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:42:59	42450.000	6624.000	0.000	4886.000	12320.000	11320.000	90.912%	521.900
2	03:43:42	42110.000	6545.000	0.000	4843.000	11930.000	11420.000	87.897%	526.100
3	03:44:25	41420.000	6448.000	0.000	4813.000	11460.000	11310.000	86.616%	518.100
x		41990.000	6539.000	0.000	4847.000	11900.000	11350.000	88.475%	522.000
σ		528.000	88.280	0.000	37.170	434.500	61.330	2.205%	3.995
%RSD		1.257	1.350	0.000	0.767	3.650	0.540	2.493	0.765

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:42:59	75.080	67.580	1201.000	97320.000	98460.000	49.490	122.300	74.170
2	03:43:42	75.660	68.530	1185.000	97030.000	98820.000	48.610	119.400	73.990
3	03:44:25	75.570	68.670	1195.000	96050.000	97220.000	48.350	118.000	73.700
x		75.440	68.260	1194.000	96800.000	98170.000	48.820	119.900	73.960
σ		0.311	0.591	8.088	664.400	838.300	0.598	2.189	0.239
%RSD		0.412	0.866	0.678	0.686	0.854	1.226	1.826	0.323

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:42:59	73.690	299.900	301.400	50.230	1.468	2.991	0.000	47.410
2	03:43:42	74.460	299.700	300.400	51.450	1.261	2.820	0.000	47.230
3	03:44:25	74.130	299.400	302.000	49.860	1.340	1.584	0.000	47.590
x		74.090	299.700	301.300	50.510	1.356	2.465	0.000	47.410
σ		0.383	0.238	0.810	0.834	0.105	0.768	0.000	0.178
%RSD		0.517	0.080	0.269	1.650	7.708	31.150	0.000	0.375

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:42:59	0.000	3.475	3.172	86.079%	0.225	0.128	1.421	1.054
2	03:43:42	0.000	3.321	3.450	84.392%	0.215	0.216	1.106	1.029
3	03:44:25	0.000	3.369	3.345	83.817%	0.201	0.152	1.007	0.826
x		0.000	3.388	3.322	84.763%	0.214	0.165	1.178	0.970
σ		0.000	0.079	0.141	1.176%	0.012	0.045	0.216	0.125
%RSD		0.000	2.318	4.230	1.387	5.682	27.510	18.340	12.900

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:42:59	86.773%	1.239	0.149	0.136	361.200	363.000	90.807%	89.994%
2	03:43:42	86.332%	1.246	0.200	0.143	365.200	361.800	90.392%	89.974%
3	03:44:25	84.512%	1.221	0.187	0.130	362.500	363.300	89.284%	88.888%
x		85.872%	1.235	0.179	0.136	363.000	362.700	90.161%	89.619%
σ		1.199%	0.013	0.026	0.007	2.015	0.788	0.788%	0.633%
%RSD		1.396	1.044	14.730	5.095	0.555	0.217	0.873	0.706

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	03:42:59	0.588	0.600	65.060	64.570	64.580	84.676%
2	03:43:42	0.609	0.601	65.780	65.360	65.510	84.064%
3	03:44:25	0.592	0.594	65.990	65.950	65.670	83.420%
x		0.596	0.598	65.610	65.290	65.260	84.053%
σ		0.011	0.003	0.486	0.690	0.590	0.628%
%RSD		1.852	0.563	0.741	1.057	0.904	0.747

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:51:12	84.861%	3.227	12.040	12.830	0.000	281.000	13100.000	12870.000
2	03:51:55	81.492%	2.998	13.870	13.130	0.000	284.200	13100.000	13000.000
3	03:52:38	82.329%	3.044	13.200	11.580	0.000	279.000	12800.000	12830.000
x		82.894%	3.090	13.040	12.510	0.000	281.400	13000.000	12900.000
σ		1.754%	0.121	0.931	0.823	0.000	2.612	174.200	89.980
%RSD		2.116	3.925	7.138	6.576	0.000	0.928	1.340	0.698
Run	**Time**	**27Al**	**28Si**	**37Cl**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:51:12	48660.000	5332.000	0.000	4250.000	12450.000	11850.000	85.331%	554.200
2	03:51:55	49920.000	5399.000	0.000	4199.000	12550.000	11820.000	81.495%	557.500
3	03:52:38	48080.000	5261.000	0.000	4269.000	12840.000	11930.000	80.023%	553.000
x		48890.000	5331.000	0.000	4239.000	12620.000	11860.000	82.283%	554.900
σ		944.400	68.690	0.000	36.110	201.700	53.820	2.741%	2.315
%RSD		1.932	1.289	0.000	0.852	1.599	0.454	3.331	0.417
Run	**Time**	**51V**	**52Cr**	**55Mn**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**63Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:51:12	84.680	75.820	2516.000	121500.000	122500.000	56.580	110.300	88.800
2	03:51:55	84.810	75.770	2543.000	121900.000	123600.000	56.520	111.900	88.870
3	03:52:38	84.840	76.540	2547.000	122200.000	123800.000	56.480	109.600	86.390
x		84.770	76.040	2535.000	121900.000	123300.000	56.530	110.600	88.020
σ		0.087	0.431	16.660	355.200	663.400	0.052	1.179	1.413
%RSD		0.103	0.568	0.657	0.291	0.538	0.092	1.066	1.605
Run	**Time**	**65Cu**	**66Zn**	**68Zn**	**75As**	**78Se**	**82Se**	**83Kr**	**88Sr**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:51:12	88.870	354.200	354.100	61.360	1.562	2.308	0.000	64.260
2	03:51:55	88.080	352.800	359.900	61.940	1.687	2.231	0.000	64.550
3	03:52:38	87.980	356.600	351.200	62.120	1.244	2.307	0.000	64.750
x		88.310	354.500	355.100	61.810	1.498	2.282	0.000	64.520
σ		0.487	1.918	4.425	0.398	0.228	0.044	0.000	0.244
%RSD		0.552	0.541	1.246	0.644	15.230	1.928	0.000	0.378
Run	**Time**	**89Y**	**95Mo**	**98Mo**	**103Rh**	**107Ag**	**109Ag**	**111Cd**	**114Cd**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:51:12	0.000	4.498	5.013	80.497%	0.353	0.287	1.268	1.253
2	03:51:55	0.000	4.730	4.873	78.428%	0.315	0.265	1.469	1.186
3	03:52:38	0.000	4.722	4.748	76.866%	0.326	0.206	1.479	1.193
x		0.000	4.650	4.878	78.597%	0.332	0.253	1.405	1.211
σ		0.000	0.132	0.133	1.821%	0.020	0.042	0.119	0.036
%RSD		0.000	2.842	2.717	2.317	5.929	16.710	8.486	3.007
Run	**Time**	**115In**	**118Sn**	**121Sb**	**123Sb**	**135Ba**	**137Ba**	**159Tb**	**165Ho**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:51:12	80.881%	1.104	0.139	0.188	365.800	366.300	86.020%	85.905%
2	03:51:55	79.014%	1.231	0.205	0.157	370.100	366.500	85.441%	84.754%
3	03:52:38	77.948%	1.181	0.179	0.191	372.800	369.300	85.349%	85.135%
x		79.281%	1.172	0.175	0.178	369.500	367.400	85.603%	85.264%
σ		1.485%	0.064	0.033	0.019	3.543	1.642	0.364%	0.586%
%RSD		1.873	5.464	19.010	10.550	0.959	0.447	0.425	0.687
Run	**Time**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	03:51:12	0.691	0.671	85.970	84.060	85.060	79.933%		
2	03:51:55	0.708	0.712	87.310	86.490	86.500	78.856%		
3	03:52:38	0.704	0.705	86.070	85.330	85.890	79.311%		
x		0.701	0.696	86.450	85.290	85.820	79.367%		
σ		0.009	0.022	0.747	1.216	0.725	0.541%		
%RSD		1.217	3.148	0.864	1.426	0.845	0.682		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:59:23	88.081%	3.462	20.710	19.350	0.000	334.400	13880.000	13880.000
2	04:00:06	89.496%	3.392	18.310	19.010	0.000	329.900	13660.000	13670.000
3	04:00:49	86.840%	3.644	19.010	18.130	0.000	334.000	13750.000	13640.000
x		88.139%	3.499	19.340	18.830	0.000	332.800	13760.000	13730.000
σ		1.329%	0.130	1.237	0.631	0.000	2.501	112.700	127.700
%RSD		1.508	3.712	6.395	3.349	0.000	0.752	0.819	0.930
Run	**Time**	**27Al**	**28Si**	**37Cl**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:59:23	52870.000	6233.000	0.000	4285.000	25550.000	24410.000	90.343%	552.000
2	04:00:06	51500.000	6044.000	0.000	4222.000	25690.000	24370.000	89.664%	554.600
3	04:00:49	51560.000	6084.000	0.000	4214.000	25650.000	24250.000	89.200%	542.100
x		51980.000	6121.000	0.000	4240.000	25630.000	24340.000	89.736%	549.600
σ		774.200	99.250	0.000	38.960	67.400	81.890	0.575%	6.591
%RSD		1.490	1.622	0.000	0.919	0.263	0.336	0.640	1.199
Run	**Time**	**51V**	**52Cr**	**55Mn**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**63Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:59:23	88.590	75.080	3048.000	120500.000	121800.000	53.440	121.600	82.640
2	04:00:06	89.140	74.860	3110.000	121100.000	123100.000	53.330	120.200	81.160
3	04:00:49	88.240	74.010	3087.000	121200.000	122600.000	52.520	118.500	80.790
x		88.660	74.650	3082.000	120900.000	122500.000	53.100	120.100	81.530
σ		0.453	0.563	31.520	363.800	633.900	0.500	1.518	0.980
%RSD		0.511	0.754	1.023	0.301	0.517	0.943	1.264	1.202
Run	**Time**	**65Cu**	**66Zn**	**68Zn**	**75As**	**78Se**	**82Se**	**83Kr**	**88Sr**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:59:23	82.860	342.100	344.400	65.110	1.849	2.657	0.000	87.470
2	04:00:06	82.640	339.100	344.300	65.230	2.012	3.677	0.000	87.940
3	04:00:49	81.250	337.400	344.100	65.580	1.882	3.728	0.000	87.530
x		82.250	339.500	344.300	65.300	1.914	3.354	0.000	87.650
σ		0.869	2.383	0.122	0.245	0.086	0.605	0.000	0.253
%RSD		1.057	0.702	0.035	0.375	4.503	18.020	0.000	0.289
Run	**Time**	**89Y**	**95Mo**	**98Mo**	**103Rh**	**107Ag**	**109Ag**	**111Cd**	**114Cd**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:59:23	0.000	4.802	4.689	85.900%	0.235	0.213	1.483	1.177
2	04:00:06	0.000	4.809	5.094	85.131%	0.304	0.217	1.415	1.235
3	04:00:49	0.000	4.731	4.762	85.303%	0.285	0.178	1.297	1.151
x		0.000	4.781	4.848	85.445%	0.275	0.203	1.398	1.188
σ		0.000	0.043	0.216	0.404%	0.036	0.021	0.094	0.043
%RSD		0.000	0.900	4.456	0.472	12.940	10.470	6.713	3.608
Run	**Time**	**115In**	**118Sn**	**121Sb**	**123Sb**	**135Ba**	**137Ba**	**159Tb**	**165Ho**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:59:23	84.531%	1.165	0.224	0.209	506.400	509.800	88.354%	87.893%
2	04:00:06	86.604%	1.189	0.245	0.165	504.400	503.700	91.020%	90.197%
3	04:00:49	86.315%	1.135	0.226	0.232	502.000	500.700	90.989%	90.602%
x		85.817%	1.163	0.232	0.202	504.300	504.700	90.121%	89.564%
σ		1.123%	0.027	0.012	0.034	2.195	4.646	1.530%	1.461%
%RSD		1.308	2.349	5.011	16.880	0.435	0.920	1.698	1.631
Run	**Time**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	03:59:23	0.729	0.755	83.520	82.260	82.590	81.832%		
2	04:00:06	0.752	0.767	83.790	82.020	83.030	83.331%		
3	04:00:49	0.767	0.796	83.610	82.400	83.040	84.217%		
x		0.749	0.773	83.640	82.230	82.890	83.127%		
σ		0.019	0.021	0.138	0.194	0.254	1.205%		
%RSD		2.507	2.679	0.165	0.235	0.306	1.450		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:07:35	85.425%	2.924	18.530	18.060	0.000	290.500	13150.000	13000.000
2	04:08:18	85.572%	2.421	16.390	16.290	0.000	286.500	12870.000	12800.000
3	04:09:00	83.628%	2.556	17.160	17.630	0.000	288.000	12820.000	12720.000
x		84.875%	2.633	17.360	17.330	0.000	288.300	12950.000	12840.000
σ		1.082%	0.260	1.088	0.923	0.000	1.983	173.900	144.400
%RSD		1.275	9.877	6.269	5.329	0.000	0.688	1.343	1.124
Run	**Time**	**27Al**	**28Si**	**37Cl**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:07:35	41920.000	5911.000	0.000	5755.000	16060.000	15260.000	86.565%	488.200
2	04:08:18	41010.000	5895.000	0.000	5752.000	16250.000	15370.000	83.907%	499.900
3	04:09:00	41130.000	5760.000	0.000	5724.000	16310.000	15390.000	83.099%	499.500
x		41350.000	5855.000	0.000	5744.000	16210.000	15340.000	84.524%	495.900
σ		492.400	82.770	0.000	17.440	129.000	69.960	1.813%	6.682
%RSD		1.191	1.414	0.000	0.304	0.796	0.456	2.145	1.347
Run	**Time**	**51V**	**52Cr**	**55Mn**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**63Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:07:35	77.970	75.630	1766.000	106700.000	107500.000	50.530	125.000	85.570
2	04:08:18	77.130	76.250	1787.000	107400.000	108700.000	51.340	124.300	84.450
3	04:09:00	76.460	75.340	1765.000	105800.000	107200.000	50.380	123.300	83.410
x		77.190	75.740	1773.000	106700.000	107800.000	50.750	124.200	84.480
σ		0.756	0.465	12.420	796.800	781.700	0.518	0.865	1.080
%RSD		0.979	0.614	0.701	0.747	0.725	1.020	0.696	1.278
Run	**Time**	**65Cu**	**66Zn**	**68Zn**	**75As**	**78Se**	**82Se**	**83Kr**	**88Sr**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:07:35	85.160	316.100	315.000	45.850	1.021	1.173	0.000	54.280
2	04:08:18	84.170	316.200	322.900	46.530	0.761	1.735	0.000	54.950
3	04:09:00	83.920	311.300	319.300	46.550	1.081	2.054	0.000	55.240
x		84.420	314.500	319.100	46.310	0.954	1.654	0.000	54.820
σ		0.653	2.774	3.978	0.397	0.170	0.446	0.000	0.490
%RSD		0.774	0.882	1.247	0.858	17.810	26.970	0.000	0.893
Run	**Time**	**89Y**	**95Mo**	**98Mo**	**103Rh**	**107Ag**	**109Ag**	**111Cd**	**114Cd**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:07:35	0.000	3.911	4.152	82.683%	0.441	0.339	1.367	1.069
2	04:08:18	0.000	3.758	4.177	80.213%	0.448	0.356	1.287	1.096
3	04:09:00	0.000	3.953	4.135	79.491%	0.414	0.348	0.998	1.003
x		0.000	3.874	4.155	80.796%	0.434	0.348	1.217	1.056
σ		0.000	0.103	0.021	1.674%	0.018	0.009	0.194	0.048
%RSD		0.000	2.656	0.517	2.072	4.139	2.465	15.960	4.516
Run	**Time**	**115In**	**118Sn**	**121Sb**	**123Sb**	**135Ba**	**137Ba**	**159Tb**	**165Ho**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:07:35	82.141%	1.105	0.170	0.186	330.700	324.700	86.889%	85.639%
2	04:08:18	80.698%	0.999	0.189	0.207	331.200	330.400	86.549%	86.716%
3	04:09:00	80.544%	0.931	0.223	0.186	329.000	329.200	86.623%	86.301%
x		81.128%	1.012	0.194	0.193	330.300	328.100	86.687%	86.219%
σ		0.881%	0.088	0.027	0.012	1.160	3.015	0.179%	0.543%
%RSD		1.086	8.673	13.920	6.175	0.351	0.919	0.206	0.630
Run	**Time**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	04:07:35	0.749	0.762	79.690	77.900	78.390	80.226%		
2	04:08:18	0.746	0.773	79.960	77.940	78.810	80.518%		
3	04:09:00	0.760	0.749	80.480	77.900	78.810	80.826%		
x		0.752	0.761	80.040	77.910	78.670	80.523%		
σ		0.007	0.012	0.403	0.026	0.241	0.300%		
%RSD		0.954	1.616	0.503	0.033	0.306	0.373		

240-22648-B-7-A 5/2/2013 4:15:04 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:15:47	86.455%	3.863	33.030	31.580	0.000	557.000	30080.000	30020.000
2	04:16:30	85.528%	3.407	32.820	30.780	0.000	560.900	30220.000	30060.000
3	04:17:13	85.207%	3.817	30.180	30.730	0.000	556.700	30160.000	29770.000
x		85.730%	3.695	32.010	31.030	0.000	558.200	30150.000	29950.000
σ		0.648%	0.251	1.589	0.479	0.000	2.324	71.640	158.900
%RSD		0.756	6.790	4.963	1.544	0.000	0.416	0.238	0.530

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:15:47	62770.000	5853.000	0.000	9985.000	33140.000	31330.000	87.806%	607.200
2	04:16:30	62420.000	5882.000	0.000	9805.000	32410.000	30900.000	88.648%	581.300
3	04:17:13	62100.000	5881.000	0.000	9794.000	32400.000	31050.000	86.955%	594.900
x		62430.000	5872.000	0.000	9861.000	32650.000	31090.000	87.803%	594.500
σ		333.200	16.150	0.000	107.200	422.000	218.200	0.847%	12.960
%RSD		0.534	0.275	0.000	1.087	1.293	0.702	0.964	2.179

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:15:47	107.200	108.700	3612.000	176600.000	180600.000	88.760	201.000	150.000
2	04:16:30	102.200	106.100	3574.000	175900.000	178800.000	85.580	198.300	145.400
3	04:17:13	103.300	106.800	3594.000	177200.000	179300.000	86.330	201.500	146.600
x		104.200	107.200	3593.000	176600.000	179600.000	86.890	200.300	147.400
σ		2.648	1.322	19.160	625.500	924.400	1.663	1.678	2.374
%RSD		2.541	1.233	0.533	0.354	0.515	1.913	0.838	1.611

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:15:47	146.700	438.500	446.700	117.600	1.254	2.339	0.000	79.090
2	04:16:30	144.900	433.100	433.200	114.800	1.363	2.391	0.000	78.810
3	04:17:13	147.400	441.200	442.700	116.200	1.173	3.170	0.000	79.230
x		146.300	437.600	440.800	116.200	1.263	2.633	0.000	79.040
σ		1.281	4.098	6.938	1.438	0.095	0.465	0.000	0.211
%RSD		0.875	0.937	1.574	1.237	7.541	17.680	0.000	0.267

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:15:47	0.000	6.255	6.175	82.455%	3.882	3.489	2.207	1.829
2	04:16:30	0.000	6.064	6.252	82.724%	3.745	3.688	2.065	1.868
3	04:17:13	0.000	6.082	6.404	81.699%	3.897	3.703	1.683	1.493
x		0.000	6.134	6.277	82.293%	3.842	3.627	1.985	1.730
σ		0.000	0.105	0.116	0.532%	0.084	0.119	0.271	0.206
%RSD		0.000	1.715	1.854	0.646	2.178	3.292	13.640	11.900

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:15:47	82.977%	0.823	0.336	0.385	355.500	351.700	86.868%	85.664%
2	04:16:30	83.713%	0.784	0.396	0.366	354.100	354.600	88.748%	87.808%
3	04:17:13	83.366%	0.812	0.353	0.400	358.400	353.800	88.681%	88.310%
x		83.352%	0.806	0.362	0.383	356.000	353.300	88.099%	87.261%
σ		0.368%	0.020	0.031	0.017	2.191	1.514	1.067%	1.405%
%RSD		0.442	2.487	8.500	4.384	0.616	0.428	1.211	1.611

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	04:15:47	0.972	0.993	112.900	110.400	111.400	80.025%
2	04:16:30	0.992	0.986	112.800	110.200	111.700	81.514%
3	04:17:13	1.018	1.012	112.900	111.900	112.200	81.274%
x		0.994	0.997	112.900	110.900	111.800	80.938%
σ		0.023	0.013	0.030	0.904	0.431	0.799%
%RSD		2.306	1.343	0.027	0.816	0.386	0.987

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:23:59	84.205%	4.204	14.960	15.540	0.000	359.000	16010.000	16010.000
2	04:24:42	83.669%	3.517	13.980	15.260	0.000	354.200	15170.000	15740.000
3	04:25:25	83.159%	3.587	16.000	16.190	0.000	349.800	15720.000	15770.000
x		83.677%	3.769	14.980	15.660	0.000	354.300	15640.000	15840.000
σ		0.523%	0.378	1.008	0.477	0.000	4.571	427.100	146.000
%RSD		0.625	10.040	6.731	3.045	0.000	1.290	2.732	0.921

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:23:59	57700.000	6632.000	0.000	5428.000	17230.000	16360.000	85.613%	890.500
2	04:24:42	57350.000	6504.000	0.000	5440.000	17090.000	16540.000	83.264%	886.000
3	04:25:25	57220.000	6501.000	0.000	5359.000	17740.000	16500.000	81.882%	901.700
x		57420.000	6546.000	0.000	5409.000	17350.000	16470.000	83.586%	892.700
σ		248.900	74.480	0.000	44.060	345.700	91.630	1.886%	8.097
%RSD		0.434	1.138	0.000	0.815	1.992	0.556	2.257	0.907

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:23:59	103.300	103.800	2643.000	134200.000	136100.000	58.590	149.500	102.100
2	04:24:42	101.400	102.200	2636.000	134200.000	135800.000	56.980	146.500	101.400
3	04:25:25	102.900	102.600	2654.000	135800.000	137200.000	58.350	148.600	100.200
x		102.500	102.900	2644.000	134800.000	136400.000	57.970	148.200	101.200
σ		0.983	0.867	9.216	919.600	710.000	0.868	1.535	0.989
%RSD		0.959	0.843	0.348	0.682	0.520	1.498	1.036	0.977

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:23:59	103.200	419.400	421.700	59.160	1.830	2.313	0.000	73.310
2	04:24:42	102.400	421.600	421.000	58.300	1.836	2.657	0.000	73.910
3	04:25:25	99.860	418.900	424.800	59.150	1.785	2.882	0.000	73.960
x		101.800	420.000	422.500	58.870	1.817	2.617	0.000	73.730
σ		1.723	1.444	1.995	0.490	0.028	0.287	0.000	0.361
%RSD		1.693	0.344	0.472	0.833	1.538	10.950	0.000	0.489

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:23:59	0.000	5.083	4.933	80.048%	0.815	0.692	1.937	1.763
2	04:24:42	0.000	4.722	4.991	78.655%	0.733	0.747	1.780	1.552
3	04:25:25	0.000	4.823	5.006	77.588%	0.769	0.719	1.921	1.744
x		0.000	4.876	4.977	78.764%	0.772	0.719	1.879	1.686
σ		0.000	0.187	0.039	1.234%	0.041	0.027	0.086	0.117
%RSD		0.000	3.824	0.775	1.566	5.307	3.791	4.587	6.926

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:23:59	80.830%	0.846	0.200	0.185	590.500	584.900	86.241%	85.705%
2	04:24:42	79.866%	0.909	0.180	0.179	585.200	583.500	85.629%	84.772%
3	04:25:25	79.004%	0.947	0.202	0.172	584.600	584.700	85.154%	85.422%
x		79.900%	0.901	0.194	0.178	586.800	584.400	85.675%	85.300%
σ		0.913%	0.051	0.012	0.007	3.249	0.789	0.545%	0.479%
%RSD		1.143	5.663	6.228	3.887	0.554	0.135	0.636	0.561

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	04:23:59	0.941	0.896	170.300	170.200	169.700	78.891%
2	04:24:42	0.847	0.869	171.300	171.300	170.800	78.686%
3	04:25:25	0.889	0.919	170.900	170.500	170.200	78.332%
x		0.892	0.895	170.800	170.600	170.200	78.636%
σ		0.047	0.025	0.491	0.598	0.565	0.283%
%RSD		5.296	2.796	0.287	0.350	0.332	0.360

CCV 801624 5/2/2013 4:31:29 AM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:32:12	82.444%	102.300	100.900	99.350	0.000	48720.000	48870.000	48280.000
2	04:32:55	83.696%	100.200	95.180	97.920	0.000	47660.000	47820.000	47730.000
3	04:33:38	82.357%	100.300	100.600	96.880	0.000	48140.000	48480.000	48220.000
x		82.832%	100.924%	98.891%	98.049%	0.000	96.348%	96.774%	96.152%
σ		0.749%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		0.904	1.143	3.248	1.264	0.000	1.102	1.097	0.632
Run	**Time**	**27Al**	**28Si**	**37Cl**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:32:12	502.400	5131.000	0.000	48930.000	48530.000	47090.000	81.637%	102.600
2	04:32:55	498.100	5011.000	0.000	48790.000	48830.000	45930.000	81.890%	102.500
3	04:33:38	498.800	5060.000	0.000	49060.000	49360.000	46830.000	80.450%	100.700
x		99.953%	101.343%	0.000	97.854%	97.811%	93.233%	81.325%	101.932%
σ		n/a	n/a	0.000	n/a	n/a	n/a	0.769%	n/a
%RSD		0.464	1.192	0.000	0.279	0.865	1.308	0.946	1.036
Run	**Time**	**51V**	**52Cr**	**55Mn**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**63Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:32:12	99.510	100.400	497.700	24970.000	25070.000	102.900	104.700	104.500
2	04:32:55	98.660	98.880	486.800	24490.000	24890.000	100.700	104.700	103.400
3	04:33:38	98.770	100.400	491.700	24900.000	25130.000	101.400	105.000	103.600
x		98.982%	99.894%	98.412%	99.142%	100.119%	101.631%	104.800%	103.848%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		0.469	0.878	1.108	1.051	0.497	1.097	0.144	0.557
Run	**Time**	**65Cu**	**66Zn**	**68Zn**	**75As**	**78Se**	**82Se**	**83Kr**	**88Sr**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:32:12	103.900	99.460	103.100	101.600	103.800	103.000	0.000	94.830
2	04:32:55	102.000	100.200	100.400	99.730	101.300	101.100	0.000	94.040
3	04:33:38	102.600	101.100	100.900	101.600	101.600	101.300	0.000	94.520
x		102.805%	100.271%	101.488%	100.970%	102.258%	101.796%	0.000	94.465%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		0.955	0.843	1.392	1.068	1.355	1.048	0.000	0.424
Run	**Time**	**89Y**	**95Mo**	**98Mo**	**103Rh**	**107Ag**	**109Ag**	**111Cd**	**114Cd**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:32:12	84.261%	98.090	99.250	81.933%	98.670	99.440	96.180	97.530
2	04:32:55	84.853%	99.890	99.900	81.918%	98.700	98.770	97.730	95.630
3	04:33:38	84.090%	100.600	102.100	81.144%	99.970	101.000	96.330	97.120
x		84.401%	99.534%	100.418%	81.665%	99.111%	99.731%	96.745%	96.760%
σ		0.400%	n/a	n/a	0.451%	n/a	n/a	n/a	n/a
%RSD		0.474	1.309	1.491	0.553	0.748	1.144	0.888	1.031
Run	**Time**	**115In**	**118Sn**	**121Sb**	**123Sb**	**135Ba**	**137Ba**	**159Tb**	**165Ho**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:32:12	81.496%	96.090	94.000	93.130	96.290	97.290	84.071%	84.386%
2	04:32:55	82.823%	95.500	93.260	93.330	94.090	93.220	85.287%	85.409%
3	04:33:38	81.765%	96.730	94.640	93.610	96.640	94.660	84.691%	85.422%
x		82.028%	96.107%	93.966%	93.358%	95.673%	95.054%	84.683%	85.072%
σ		0.702%	n/a	n/a	n/a	n/a	n/a	0.608%	0.595%
%RSD		0.855	0.638	0.738	0.257	1.442	2.170	0.718	0.699
Run	**Time**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	04:32:12	94.980	95.840	94.970	95.380	94.960	82.334%		
2	04:32:55	95.180	95.620	96.060	96.230	96.030	83.040%		
3	04:33:38	94.840	95.060	95.410	95.950	95.550	83.497%		
x		95.002%	95.506%	95.480%	95.854%	95.514%	82.957%		
σ		n/a	n/a	n/a	n/a	n/a	0.586%		
%RSD		0.176	0.421	0.574	0.449	0.560	0.706		

CCB5 5/2/2013 4:39:44 AM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:40:27	91.375%	0.019	-1.460	-1.351	0.000	25.540	14.890	16.080
2	04:41:10	91.330%	0.029	-1.593	-2.075	0.000	27.310	18.530	17.480
3	04:41:53	93.507%	0.028	-2.003	-2.369	0.000	25.200	13.570	14.570
x		92.071%	0.025	-1.685	-1.931	0.000	26.010	15.660	16.040
σ		1.244%	0.006	0.283	0.524	0.000	1.135	2.569	1.456
%RSD		1.351	22.960	16.820	27.130	0.000	4.364	16.400	9.075

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:40:27	5.152	0.026	0.000	-6.464	11.500	16.060	89.318%	-0.567
2	04:41:10	5.443	0.826	0.000	-6.332	18.770	17.570	88.946%	-0.364
3	04:41:53	5.090	-0.084	0.000	-6.386	14.090	16.160	88.101%	-0.679
x		5.228	0.256	0.000	-6.394	14.790	16.600	88.788%	-0.537
σ		0.189	0.497	0.000	0.066	3.683	0.841	0.624%	0.159
%RSD		3.607	194.200	0.000	1.033	24.910	5.067	0.702	29.680

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:40:27	0.049	0.052	0.583	17.400	14.890	0.039	0.006	0.074
2	04:41:10	-0.009	-0.009	0.635	16.930	14.230	0.027	0.099	0.039
3	04:41:53	-0.013	0.026	0.523	15.540	13.370	0.032	0.014	0.081
x		0.009	0.023	0.580	16.620	14.170	0.033	0.040	0.065
σ		0.035	0.031	0.056	0.971	0.761	0.006	0.051	0.022
%RSD		376.400	132.700	9.619	5.840	5.374	17.890	129.300	34.750

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:40:27	0.106	0.063	0.057	0.055	0.076	-0.208	0.000	0.065
2	04:41:10	0.021	0.032	0.086	0.235	-0.093	0.395	0.000	0.046
3	04:41:53	0.043	0.230	0.101	0.058	0.043	-0.089	0.000	0.057
x		0.057	0.108	0.081	0.116	0.009	0.033	0.000	0.056
σ		0.044	0.107	0.023	0.103	0.090	0.319	0.000	0.009
%RSD		77.540	98.530	27.890	88.890	1017.000	978.900	0.000	16.970

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:40:27	97.171%	0.237	0.200	92.597%	0.025	0.013	0.138	0.104
2	04:41:10	99.805%	0.186	0.212	94.116%	0.031	0.012	0.047	0.040
3	04:41:53	99.579%	0.132	0.176	94.028%	0.018	0.026	0.032	0.054
x		98.852%	0.185	0.196	93.580%	0.025	0.017	0.073	0.066
σ		1.460%	0.053	0.018	0.853%	0.006	0.008	0.057	0.033
%RSD		1.477	28.590	9.404	0.911	25.760	47.180	79.080	50.740

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:40:27	89.077%	-0.134	0.080	0.063	0.045	0.095	88.781%	88.861%
2	04:41:10	90.652%	-0.175	0.059	0.037	0.087	0.118	90.689%	91.924%
3	04:41:53	91.541%	-0.208	0.069	0.049	0.056	0.091	93.396%	92.840%
x		90.424%	-0.172	0.069	0.050	0.063	0.101	90.955%	91.208%
σ		1.248%	0.037	0.011	0.013	0.022	0.015	2.319%	2.084%
%RSD		1.380	21.620	15.310	25.960	35.170	14.530	2.550	2.284

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	04:40:27	0.022	0.013	0.034	0.041	0.039	96.199%
2	04:41:10	0.020	0.013	0.034	0.032	0.029	99.091%
3	04:41:53	0.016	0.014	0.045	0.026	0.034	99.498%
x		0.019	0.013	0.038	0.033	0.034	98.263%
σ		0.003	0.000	0.006	0.008	0.005	1.799%
%RSD		16.010	3.442	17.150	23.040	13.880	1.830

CRI 806392 5/2/2013 4:47:59 AM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:48:42	95.297%	0.777	3.193	3.033	0.000	108.800	100.600	97.710
2	04:49:25	91.639%	1.070	3.748	3.305	0.000	109.800	101.700	101.300
3	04:50:08	91.624%	0.976	3.206	2.568	0.000	109.200	97.640	101.900
x		92.853%	94.107%	67.646%	59.377%	0.000	109.262%	99.978%	100.329%
σ		2.117%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		2.280	15.860	9.360	12.560	0.000	0.489	2.104	2.280

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:48:42	35.440	500.200	0.000	79.430	85.400	112.800	86.912%	4.861
2	04:49:25	35.990	511.200	0.000	80.400	93.940	103.700	85.959%	5.546
3	04:50:08	36.250	509.800	0.000	80.800	99.370	105.300	85.552%	4.560
x		119.653%	101.411%	0.000	80.209%	92.902%	107.268%	86.141%	99.777%
σ		n/a	n/a	0.000	n/a	n/a	n/a	0.698%	n/a
%RSD		1.153	1.172	0.000	0.881	7.581	4.522	0.810	10.120

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:48:42	1.018	1.967	5.654	60.850	55.780	0.566	1.011	2.247
2	04:49:25	0.996	2.012	5.641	57.570	58.860	0.541	1.086	2.229
3	04:50:08	0.870	2.141	5.645	59.170	60.540	0.539	1.212	2.185
x		96.135%	101.991%	1129.402%	118.396%	116.787%	109.694%	110.298%	111.037%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		8.318	4.420	0.119	2.766	4.138	2.754	9.222	1.437

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:48:42	2.394	5.414	5.572	0.997	4.565	4.586	0.000	4.066
2	04:49:25	2.115	5.107	5.311	1.466	4.514	5.252	0.000	4.108
3	04:50:08	2.420	5.330	5.330	1.076	4.815	4.624	0.000	4.182
x		115.467%	105.676%	108.089%	117.961%	92.629%	96.413%	0.000	82.382%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		7.326	3.001	2.694	21.280	3.483	7.750	0.000	1.426

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:48:42	100.988%	4.302	4.247	91.491%	1.059	1.009	1.176	1.104
2	04:49:25	101.794%	4.208	4.275	91.845%	0.999	0.999	1.204	1.151
3	04:50:08	101.359%	4.545	4.367	91.934%	1.066	0.995	1.030	1.035
x		101.380%	87.031%	85.927%	91.756%	104.134%	100.113%	113.674%	109.667%
σ		0.404%	n/a	n/a	0.235%	n/a	n/a	n/a	n/a
%RSD		0.398	3.994	1.461	0.256	3.510	0.706	8.214	5.335

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:48:42	87.668%	4.582	1.926	1.832	9.495	9.580	86.585%	87.379%
2	04:49:25	89.443%	4.612	1.967	1.800	9.470	9.353	88.955%	88.563%
3	04:50:08	90.116%	4.605	1.890	1.955	9.416	9.661	89.127%	89.213%
x		89.076%	91.994%	96.393%	93.118%	94.604%	95.315%	88.222%	88.385%
σ		1.265%	n/a	n/a	n/a	n/a	n/a	1.420%	0.930%
%RSD		1.420	0.344	1.997	4.401	0.428	1.679	1.610	1.052

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	04:48:42	0.889	0.859	0.894	0.923	0.905	93.599%
2	04:49:25	0.913	0.884	0.919	0.902	0.905	95.270%
3	04:50:08	0.938	0.912	0.972	0.932	0.931	95.059%
x		91.354%	88.496%	92.847%	91.892%	91.363%	94.643%
σ		n/a	n/a	n/a	n/a	n/a	0.910%
%RSD		2.716	2.970	4.289	1.690	1.632	0.962

CRI 806392 5/2/2013 4:56:13 AM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:56:56	92.273%	1.049	3.583	2.722	0.000	107.000	104.200	98.500
2	04:57:39	92.401%	1.235	3.542	2.412	0.000	107.200	95.070	99.110
3	04:58:22	90.607%	1.068	2.607	2.571	0.000	108.700	99.580	98.950
x		91.760%	111.743%	64.874%	51.370%	0.000	107.612%	99.606%	98.855%
σ		1.001%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		1.091	9.163	17.020	6.034	0.000	0.860	4.569	0.318

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:56:56	35.600	496.100	0.000	73.940	102.000	103.400	89.693%	4.491
2	04:57:39	33.780	486.800	0.000	73.010	109.600	105.300	89.333%	4.571
3	04:58:22	33.790	487.900	0.000	72.400	101.100	107.400	88.406%	5.175
x		114.640%	98.045%	0.000	73.117%	104.221%	105.372%	89.144%	94.913%
σ		n/a	n/a	0.000	n/a	n/a	n/a	0.664%	n/a
%RSD		3.047	1.035	0.000	1.066	4.455	1.899	0.745	7.879

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:56:56	0.952	1.780	5.462	57.450	53.940	0.510	1.308	2.359
2	04:57:39	0.891	1.971	5.523	57.000	58.590	0.485	1.160	2.063
3	04:58:22	0.999	2.051	5.473	56.570	59.460	0.497	1.131	2.221
x		94.735%	96.713%	1097.193%	114.013%	114.662%	99.528%	119.964%	110.723%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		5.733	7.206	0.591	0.772	5.177	2.550	7.883	6.687

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:56:56	2.057	5.167	5.242	1.181	4.493	4.722	0.000	4.184
2	04:57:39	2.227	5.429	5.448	1.110	4.816	4.210	0.000	4.229
3	04:58:22	2.113	5.420	5.230	1.204	4.392	5.021	0.000	4.268
x		106.609%	106.777%	106.134%	116.493%	91.336%	93.028%	0.000	84.540%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		4.048	2.787	2.308	4.196	4.844	8.815	0.000	0.999

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:56:56	99.123%	4.120	4.248	91.034%	1.085	1.048	1.088	1.031
2	04:57:39	98.615%	4.109	4.387	90.775%	1.036	1.054	1.124	1.248
3	04:58:22	99.596%	4.351	4.731	90.759%	1.071	0.974	1.234	1.194
x		99.111%	83.866%	89.104%	90.856%	106.395%	102.547%	114.869%	115.747%
σ		0.491%	n/a	n/a	0.155%	n/a	n/a	n/a	n/a
%RSD		0.495	3.264	5.578	0.170	2.359	4.368	6.615	9.760

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:56:56	87.554%	4.493	2.009	1.829	9.150	9.578	86.572%	86.735%
2	04:57:39	87.969%	4.617	1.871	1.886	9.821	9.574	87.023%	88.198%
3	04:58:22	87.950%	4.569	1.954	1.958	9.306	9.424	89.354%	88.498%
x		87.824%	91.190%	97.237%	94.552%	94.257%	95.257%	87.649%	87.810%
σ		0.234%	n/a	n/a	n/a	n/a	n/a	1.493%	0.943%
%RSD		0.267	1.374	3.567	3.407	3.723	0.924	1.703	1.074

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	04:56:56	0.880	0.859	0.899	0.938	0.913	94.449%
2	04:57:39	0.926	0.905	0.932	0.989	0.936	94.130%
3	04:58:22	0.932	0.907	0.918	0.943	0.937	94.409%
x		91.248%	89.016%	91.625%	95.666%	92.889%	94.329%
σ		n/a	n/a	n/a	n/a	n/a	0.174%
%RSD		3.136	3.028	1.824	2.950	1.453	0.184

CCV 801624 5/2/2013 5:04:26 AM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:05:09	90.112%	95.920	95.050	93.810	0.000	47080.000	47130.000	46750.000
2	05:05:52	87.323%	97.640	96.220	94.200	0.000	47390.000	46680.000	46770.000
3	05:06:35	86.645%	98.350	96.890	94.780	0.000	47050.000	47060.000	47270.000
x		88.027%	97.305%	96.054%	94.260%	0.000	94.347%	93.912%	93.860%
σ		1.837%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		2.087	1.284	0.970	0.520	0.000	0.398	0.517	0.629

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:05:09	484.700	5000.000	0.000	48290.000	49110.000	45730.000	85.949%	102.800
2	05:05:52	490.900	4995.000	0.000	48290.000	48610.000	45980.000	84.115%	98.740
3	05:06:35	489.800	5000.000	0.000	48460.000	48510.000	46110.000	83.538%	103.300
x		97.690%	99.969%	0.000	96.694%	97.485%	91.872%	84.534%	101.619%
σ		n/a	n/a	0.000	n/a	n/a	n/a	1.259%	n/a
%RSD		0.676	0.052	0.000	0.203	0.655	0.422	1.489	2.471

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:05:09	99.800	100.800	488.000	24640.000	24750.000	103.600	105.300	105.400
2	05:05:52	101.500	100.100	491.000	24530.000	24770.000	101.900	105.000	104.500
3	05:06:35	99.210	99.230	488.000	24670.000	24850.000	101.500	105.300	103.500
x		100.173%	100.041%	97.803%	98.442%	99.161%	102.312%	105.215%	104.472%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		1.190	0.770	0.358	0.304	0.213	1.114	0.193	0.890

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:05:09	105.700	98.780	98.160	100.000	101.900	102.000	0.000	94.920
2	05:05:52	101.800	97.930	98.030	102.100	99.280	104.100	0.000	94.310
3	05:06:35	101.100	100.900	99.750	101.800	102.200	102.000	0.000	94.700
x		102.882%	99.216%	98.644%	101.311%	101.115%	102.699%	0.000	94.646%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		2.379	1.565	0.970	1.095	1.574	1.180	0.000	0.328

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:05:09	84.957%	99.170	99.980	83.164%	99.860	99.420	95.770	96.840
2	05:05:52	84.773%	99.880	101.400	81.907%	99.370	99.930	97.830	97.020
3	05:06:35	84.305%	100.500	101.700	81.607%	99.660	100.900	97.420	96.330
x		84.678%	99.855%	101.022%	82.226%	99.631%	100.086%	97.002%	96.728%
σ		0.336%	n/a	n/a	0.826%	n/a	n/a	n/a	n/a
%RSD		0.397	0.674	0.914	1.004	0.247	0.752	1.124	0.373

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:05:09	82.493%	94.930	94.000	93.830	97.530	95.930	83.335%	84.474%
2	05:05:52	82.099%	95.990	94.810	93.590	97.700	96.340	84.927%	84.501%
3	05:06:35	82.032%	96.220	94.830	94.510	96.980	97.350	84.090%	85.203%
x		82.208%	95.715%	94.546%	93.975%	97.404%	96.541%	84.117%	84.726%
σ		0.249%	n/a	n/a	n/a	n/a	n/a	0.796%	0.413%
%RSD		0.303	0.718	0.504	0.507	0.387	0.758	0.947	0.488

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	05:05:09	92.930	93.070	94.140	93.800	93.530	83.033%
2	05:05:52	93.840	94.510	94.750	94.820	94.760	82.678%
3	05:06:35	93.900	93.740	94.290	94.540	94.900	82.799%
x		93.555%	93.774%	94.394%	94.385%	94.394%	82.836%
σ		n/a	n/a	n/a	n/a	n/a	0.181%
%RSD		0.583	0.773	0.339	0.561	0.801	0.218

CCB6 5/2/2013 5:12:40 AM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:13:23	104.273%	0.024	-1.189	-2.359	0.000	19.280	17.140	16.160
2	05:14:06	105.192%	0.005	-2.075	-2.989	0.000	19.960	18.440	17.670
3	05:14:49	104.177%	0.024	-1.984	-3.002	0.000	25.350	21.100	21.930
x		104.548%	0.018	-1.749	-2.783	0.000	21.530	18.890	18.590
σ		0.560%	0.011	0.487	0.367	0.000	3.328	2.018	2.993
%RSD		0.536	60.460	27.850	13.200	0.000	15.460	10.680	16.100

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:13:23	3.890	-1.402	0.000	-12.930	4.596	18.020	115.404%	-0.769
2	05:14:06	3.947	-1.354	0.000	-13.970	24.940	17.780	116.096%	-0.681
3	05:14:49	3.938	-0.638	0.000	-9.024	15.850	17.870	114.981%	-0.746
x		3.925	-1.131	0.000	-11.970	15.130	17.890	115.494%	-0.732
σ		0.031	0.428	0.000	2.606	10.190	0.119	0.563%	0.045
%RSD		0.781	37.820	0.000	21.760	67.360	0.665	0.487	6.189

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:13:23	0.017	0.036	0.415	8.445	12.130	0.027	0.044	0.029
2	05:14:06	0.020	0.014	0.577	8.785	11.930	0.024	0.057	0.015
3	05:14:49	0.010	-0.012	0.545	10.750	15.590	0.042	0.017	0.007
x		0.016	0.013	0.512	9.326	13.220	0.031	0.039	0.017
σ		0.005	0.024	0.086	1.244	2.056	0.010	0.020	0.011
%RSD		31.910	193.300	16.770	13.330	15.560	31.980	51.800	65.250

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:13:23	0.006	-0.065	-0.019	0.216	-0.359	0.862	0.000	0.054
2	05:14:06	0.011	-0.007	-0.069	0.417	-0.013	1.488	0.000	0.076
3	05:14:49	0.006	0.001	0.054	0.602	0.006	1.904	0.000	0.058
x		0.008	-0.024	-0.011	0.411	-0.122	1.418	0.000	0.063
σ		0.003	0.036	0.062	0.193	0.206	0.525	0.000	0.012
%RSD		37.230	150.200	547.400	46.910	168.700	37.020	0.000	18.540

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:13:23	118.764%	0.190	0.252	104.568%	0.028	0.022	0.094	0.060
2	05:14:06	119.687%	0.251	0.230	105.588%	0.035	0.017	0.050	0.067
3	05:14:49	120.231%	0.195	0.212	105.669%	0.049	0.041	0.008	0.015
x		119.561%	0.212	0.231	105.275%	0.037	0.026	0.051	0.048
σ		0.741%	0.034	0.020	0.613%	0.011	0.013	0.043	0.028
%RSD		0.620	15.900	8.640	0.583	28.960	48.370	85.440	59.290

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:13:23	89.987%	-0.130	0.102	0.135	0.081	0.137	89.170%	89.399%
2	05:14:06	91.155%	-0.124	0.082	0.088	0.124	0.084	90.274%	90.737%
3	05:14:49	92.246%	-0.059	0.070	0.082	0.057	0.116	91.125%	90.876%
x		91.130%	-0.104	0.085	0.102	0.087	0.112	90.190%	90.337%
σ		1.130%	0.039	0.016	0.029	0.034	0.026	0.980%	0.815%
%RSD		1.240	37.690	19.280	28.590	38.930	23.460	1.087	0.903

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	05:13:23	0.021	0.031	0.036	0.050	0.041	96.191%
2	05:14:06	0.023	0.023	0.041	0.061	0.052	97.443%
3	05:14:49	0.030	0.036	0.039	0.064	0.054	98.528%
x		0.025	0.030	0.039	0.058	0.049	97.387%
σ		0.004	0.007	0.002	0.007	0.007	1.169%
%RSD		17.910	22.620	5.854	12.510	14.440	1.200

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:21:39	86.621%	2.472	28.300	26.870	0.000	616.400	25690.000	25520.000
2	05:22:22	85.726%	2.676	27.470	27.330	0.000	601.500	25490.000	25230.000
3	05:23:05	85.230%	2.593	27.780	27.090	0.000	610.900	25820.000	25450.000
x		85.859%	2.580	27.850	27.100	0.000	609.600	25670.000	25400.000
σ		0.705%	0.102	0.418	0.229	0.000	7.531	167.700	152.700
%RSD		0.821	3.963	1.501	0.844	0.000	1.236	0.653	0.601

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:21:39	48130.000	5881.000	0.000	10110.000	30020.000	27910.000	88.595%	440.200
2	05:22:22	47450.000	5702.000	0.000	9935.000	29400.000	27740.000	88.179%	444.900
3	05:23:05	47400.000	5670.000	0.000	9973.000	29510.000	27760.000	86.487%	440.100
x		47660.000	5751.000	0.000	10010.000	29640.000	27800.000	87.754%	441.700
σ		410.800	113.700	0.000	91.400	332.500	92.320	1.117%	2.720
%RSD		0.862	1.977	0.000	0.913	1.122	0.332	1.273	0.616

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:21:39	75.040	72.730	1315.000	130500.000	131600.000	61.830	146.000	92.100
2	05:22:22	75.070	72.130	1304.000	129000.000	129800.000	60.290	145.000	90.740
3	05:23:05	76.680	73.130	1323.000	129600.000	130700.000	60.450	145.100	90.720
x		75.600	72.660	1314.000	129700.000	130700.000	60.860	145.300	91.190
σ		0.938	0.503	9.861	767.400	915.400	0.848	0.546	0.791
%RSD		1.240	0.692	0.750	0.592	0.700	1.393	0.376	0.867

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:21:39	91.850	272.100	274.600	83.420	0.436	2.726	0.000	65.990
2	05:22:22	90.870	271.700	277.300	82.050	0.848	2.205	0.000	66.270
3	05:23:05	91.070	270.300	274.100	83.130	0.432	1.400	0.000	67.490
x		91.260	271.300	275.400	82.870	0.572	2.110	0.000	66.580
σ		0.520	0.946	1.731	0.721	0.239	0.668	0.000	0.795
%RSD		0.570	0.348	0.629	0.870	41.770	31.670	0.000	1.194

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:21:39	0.000	3.510	3.891	83.567%	0.112	0.097	0.853	0.632
2	05:22:22	0.000	3.507	3.711	82.983%	0.153	0.110	0.757	0.656
3	05:23:05	0.000	3.593	3.686	83.335%	0.150	0.078	0.869	0.657
x		0.000	3.537	3.763	83.295%	0.138	0.095	0.826	0.648
σ		0.000	0.049	0.112	0.294%	0.023	0.016	0.061	0.014
%RSD		0.000	1.384	2.974	0.353	16.370	16.830	7.325	2.169

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:21:39	83.954%	1.292	0.310	0.273	218.100	219.600	87.336%	86.232%
2	05:22:22	84.373%	1.355	0.264	0.276	219.300	217.700	87.866%	87.484%
3	05:23:05	83.850%	1.316	0.226	0.286	218.100	218.500	88.134%	87.930%
x		84.059%	1.321	0.267	0.278	218.500	218.600	87.779%	87.215%
σ		0.277%	0.032	0.042	0.007	0.693	0.975	0.406%	0.880%
%RSD		0.329	2.404	15.760	2.556	0.317	0.446	0.462	1.009

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	05:21:39	0.676	0.697	56.920	55.610	56.010	81.885%
2	05:22:22	0.701	0.693	57.060	55.880	56.340	82.818%
3	05:23:05	0.651	0.676	57.020	56.920	56.530	82.074%
x		0.676	0.689	57.000	56.140	56.290	82.259%
σ		0.025	0.011	0.072	0.689	0.265	0.493%
%RSD		3.680	1.601	0.127	1.227	0.470	0.600

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:29:52	86.636%	2.459	34.130	32.390	0.000	440.200	9887.000	9889.000
2	05:30:35	87.191%	2.581	33.650	32.030	0.000	433.900	9735.000	9651.000
3	05:31:19	86.135%	2.802	32.370	32.070	0.000	432.900	9662.000	9656.000
x		86.654%	2.614	33.380	32.160	0.000	435.600	9761.000	9732.000
σ		0.528%	0.174	0.911	0.193	0.000	3.962	114.500	136.000
%RSD		0.610	6.666	2.728	0.599	0.000	0.909	1.173	1.398

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:29:52	48230.000	6588.000	0.000	2978.000	17340.000	16490.000	89.698%	516.000
2	05:30:35	47220.000	6452.000	0.000	2995.000	17560.000	16520.000	87.318%	516.000
3	05:31:19	46590.000	6427.000	0.000	2988.000	17410.000	16150.000	86.059%	517.000
x		47350.000	6489.000	0.000	2987.000	17440.000	16390.000	87.692%	516.400
σ		828.100	86.610	0.000	8.497	112.600	203.700	1.848%	0.542
%RSD		1.749	1.335	0.000	0.284	0.646	1.243	2.108	0.105

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:29:52	85.050	59.320	9272.000	109900.000	111900.000	41.160	82.430	80.290
2	05:30:35	86.510	61.050	9378.000	110500.000	112300.000	40.320	81.350	78.230
3	05:31:19	85.870	59.660	9379.000	110100.000	111000.000	40.260	82.590	78.750
x		85.810	60.010	9343.000	110200.000	111700.000	40.580	82.120	79.090
σ		0.735	0.916	61.190	294.800	673.800	0.506	0.679	1.072
%RSD		0.857	1.527	0.655	0.268	0.603	1.247	0.826	1.355

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:29:52	80.130	347.400	353.600	43.750	2.809	2.447	0.000	54.730
2	05:30:35	78.530	347.800	355.500	44.260	2.693	4.066	0.000	55.190
3	05:31:19	78.070	347.700	353.900	45.230	2.703	4.234	0.000	55.680
x		78.910	347.600	354.300	44.410	2.735	3.583	0.000	55.200
σ		1.080	0.207	1.049	0.752	0.064	0.987	0.000	0.475
%RSD		1.369	0.059	0.296	1.692	2.342	27.550	0.000	0.860

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:29:52	0.000	4.602	4.883	84.577%	0.398	0.386	2.876	2.806
2	05:30:35	0.000	5.093	4.898	83.384%	0.382	0.351	2.862	2.744
3	05:31:19	0.000	4.801	5.003	82.647%	0.331	0.336	3.020	2.698
x		0.000	4.832	4.928	83.536%	0.370	0.358	2.919	2.750
σ		0.000	0.247	0.065	0.974%	0.035	0.026	0.087	0.054
%RSD		0.000	5.118	1.321	1.166	9.479	7.152	2.987	1.977

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:29:52	84.185%	1.450	0.245	0.222	585.800	588.400	87.190%	86.743%
2	05:30:35	83.376%	1.522	0.262	0.240	586.400	589.200	88.149%	87.392%
3	05:31:19	83.479%	1.595	0.277	0.261	583.600	588.100	87.422%	87.662%
x		83.680%	1.522	0.261	0.241	585.300	588.600	87.587%	87.265%
σ		0.440%	0.073	0.016	0.019	1.448	0.589	0.500%	0.473%
%RSD		0.526	4.776	6.021	8.002	0.247	0.100	0.571	0.541

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	05:29:52	0.980	0.922	88.670	86.980	87.110	81.683%
2	05:30:35	0.931	0.928	89.020	87.890	87.800	81.624%
3	05:31:19	0.973	0.914	89.170	87.130	87.840	81.916%
x		0.961	0.921	88.950	87.340	87.580	81.741%
σ		0.026	0.007	0.259	0.488	0.415	0.154%
%RSD		2.720	0.774	0.291	0.559	0.473	0.189

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:38:07	90.819%	0.663	7.214	4.674	0.000	95.990	2014.000	1974.000
2	05:38:50	87.846%	0.522	5.620	4.881	0.000	98.410	1991.000	1980.000
3	05:39:33	86.336%	0.532	4.327	4.676	0.000	98.620	1991.000	1974.000
x		88.334%	0.572	5.720	4.743	0.000	97.670	1999.000	1976.000
σ		2.281%	0.079	1.446	0.119	0.000	1.459	12.990	3.191
%RSD		2.582	13.760	25.280	2.509	0.000	1.493	0.650	0.162

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:38:07	9728.000	1365.000	0.000	578.000	3472.000	3286.000	89.715%	100.800
2	05:38:50	9723.000	1361.000	0.000	576.600	3401.000	3291.000	86.531%	103.800
3	05:39:33	9704.000	1334.000	0.000	580.600	3564.000	3372.000	85.370%	101.700
x		9718.000	1353.000	0.000	578.400	3479.000	3317.000	87.205%	102.100
σ		12.630	16.870	0.000	2.030	81.370	48.180	2.250%	1.566
%RSD		0.130	1.247	0.000	0.351	2.339	1.453	2.580	1.534

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:38:07	17.100	11.770	1833.000	21630.000	21710.000	7.922	15.960	16.380
2	05:38:50	17.430	11.700	1840.000	21720.000	21660.000	7.995	16.230	16.120
3	05:39:33	16.630	11.310	1824.000	21670.000	21590.000	7.684	15.910	16.260
x		17.050	11.590	1832.000	21670.000	21650.000	7.867	16.030	16.250
σ		0.405	0.248	8.112	48.190	64.340	0.163	0.176	0.132
%RSD		2.376	2.136	0.443	0.222	0.297	2.067	1.098	0.814

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:38:07	16.240	77.350	76.210	8.907	0.308	-0.053	0.000	9.139
2	05:38:50	15.990	77.020	76.560	8.996	0.583	0.005	0.000	9.115
3	05:39:33	15.720	76.190	78.230	8.596	0.349	-0.448	0.000	9.139
x		15.980	76.850	77.000	8.833	0.413	-0.165	0.000	9.131
σ		0.256	0.599	1.081	0.210	0.149	0.247	0.000	0.014
%RSD		1.600	0.779	1.405	2.376	35.980	149.200	0.000	0.150

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:38:07	106.098%	0.865	0.905	89.535%	0.085	0.061	0.681	0.557
2	05:38:50	104.007%	0.960	0.910	87.172%	0.054	0.084	0.505	0.567
3	05:39:33	102.781%	0.770	0.844	86.252%	0.093	0.058	0.666	0.647
x		104.295%	0.865	0.886	87.653%	0.077	0.068	0.617	0.591
σ		1.678%	0.095	0.037	1.694%	0.020	0.015	0.098	0.049
%RSD		1.609	10.960	4.138	1.932	26.530	21.450	15.820	8.295

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:38:07	86.382%	0.210	0.016	0.007	117.100	118.300	86.410%	86.276%
2	05:38:50	85.648%	0.159	0.038	0.019	118.200	118.100	86.171%	86.236%
3	05:39:33	84.142%	0.174	0.029	0.011	117.700	118.800	85.711%	86.071%
x		85.391%	0.181	0.028	0.012	117.700	118.400	86.097%	86.195%
σ		1.141%	0.026	0.011	0.006	0.598	0.362	0.355%	0.109%
%RSD		1.337	14.500	40.060	49.590	0.508	0.306	0.413	0.126

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	05:38:07	0.161	0.167	16.770	16.510	16.440	89.903%
2	05:38:50	0.163	0.165	16.590	16.350	16.360	89.462%
3	05:39:33	0.175	0.168	16.690	16.450	16.510	89.420%
x		0.167	0.167	16.680	16.440	16.440	89.595%
σ		0.008	0.002	0.093	0.076	0.078	0.268%
%RSD		4.640	0.959	0.555	0.465	0.477	0.299

240-22648-A-10-A DU 5/2/2013 5:45:38 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:46:21	87.341%	2.315	34.330	31.790	0.000	438.500	9609.000	9603.000
2	05:47:04	85.784%	2.351	32.690	32.250	0.000	435.400	9378.000	9453.000
3	05:47:47	84.011%	2.606	32.890	31.910	0.000	446.000	9577.000	9538.000
x		85.712%	2.424	33.300	31.980	0.000	440.000	9521.000	9531.000
σ		1.666%	0.159	0.897	0.238	0.000	5.422	125.400	75.270
%RSD		1.944	6.550	2.693	0.745	0.000	1.232	1.317	0.790

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:46:21	47650.000	6371.000	0.000	2904.000	16930.000	15970.000	86.778%	516.200
2	05:47:04	46520.000	6220.000	0.000	2927.000	17000.000	15840.000	82.952%	516.100
3	05:47:47	47070.000	6229.000	0.000	2947.000	16640.000	16010.000	81.474%	513.700
x		47080.000	6274.000	0.000	2926.000	16860.000	15940.000	83.735%	515.300
σ		562.300	84.650	0.000	21.860	192.700	87.820	2.737%	1.417
%RSD		1.194	1.349	0.000	0.747	1.143	0.551	3.269	0.275

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:46:21	85.220	59.310	7575.000	104600.000	105500.000	38.970	78.270	77.010
2	05:47:04	82.810	59.650	7687.000	104900.000	106700.000	38.360	81.070	77.480
3	05:47:47	83.800	58.970	7767.000	105100.000	106200.000	39.070	79.310	74.920
x		83.950	59.310	7676.000	104900.000	106100.000	38.800	79.550	76.470
σ		1.208	0.340	96.370	247.800	608.000	0.385	1.415	1.362
%RSD		1.440	0.574	1.255	0.236	0.573	0.992	1.779	1.782

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:46:21	77.180	326.600	329.900	40.350	2.301	3.358	0.000	52.480
2	05:47:04	75.950	330.200	332.500	40.760	2.431	3.337	0.000	52.470
3	05:47:47	75.010	345.700	334.200	40.670	2.476	3.413	0.000	53.260
x		76.050	334.200	332.200	40.590	2.402	3.369	0.000	52.730
σ		1.085	10.180	2.121	0.212	0.091	0.039	0.000	0.454
%RSD		1.427	3.046	0.638	0.523	3.789	1.161	0.000	0.861

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:46:21	0.000	4.525	4.420	81.070%	0.398	0.302	2.823	2.754
2	05:47:04	0.000	4.498	4.330	79.260%	0.380	0.394	3.035	2.731
3	05:47:47	0.000	4.323	4.387	78.128%	0.368	0.386	2.849	2.630
x		0.000	4.449	4.379	79.486%	0.382	0.361	2.902	2.705
σ		0.000	0.110	0.046	1.484%	0.015	0.051	0.116	0.066
%RSD		0.000	2.465	1.043	1.867	3.864	14.120	3.987	2.437

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:46:21	81.979%	1.639	0.224	0.205	556.000	559.300	83.589%	83.916%
2	05:47:04	79.870%	1.564	0.190	0.203	557.000	557.800	84.119%	83.951%
3	05:47:47	78.307%	1.620	0.196	0.176	557.400	558.700	83.950%	83.660%
x		80.052%	1.608	0.203	0.195	556.800	558.600	83.886%	83.842%
σ		1.843%	0.039	0.018	0.016	0.755	0.769	0.271%	0.159%
%RSD		2.302	2.441	8.896	8.260	0.136	0.138	0.322	0.190

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	05:46:21	0.908	0.919	86.780	84.580	85.340	78.920%
2	05:47:04	0.940	0.932	88.280	85.870	86.570	77.959%
3	05:47:47	0.944	0.912	87.500	85.850	86.380	77.756%
x		0.931	0.921	87.520	85.430	86.090	78.211%
σ		0.020	0.010	0.754	0.738	0.662	0.622%
%RSD		2.116	1.125	0.861	0.864	0.769	0.795

240-22648-A-10-B MS 5/2/2013 5:53:53 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:54:36	81.315%	42.230	822.500	831.800	0.000	44730.000	55200.000	55050.000
2	05:55:19	81.789%	42.300	839.500	841.700	0.000	43710.000	55280.000	54820.000
3	05:56:02	81.800%	41.460	836.100	840.400	0.000	43630.000	54470.000	54520.000
x		81.635%	42.000	832.700	838.000	0.000	44020.000	54980.000	54800.000
σ		0.277%	0.466	9.024	5.358	0.000	617.800	448.800	268.400
%RSD		0.339	1.109	1.084	0.639	0.000	1.403	0.816	0.490

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:54:36	84750.000	16660.000	0.000	49580.000	59360.000	56810.000	82.353%	1645.000
2	05:55:19	84060.000	16440.000	0.000	50340.000	60540.000	57140.000	81.185%	1659.000
3	05:56:02	83380.000	16450.000	0.000	50160.000	60530.000	56950.000	80.006%	1651.000
x		84060.000	16520.000	0.000	50030.000	60140.000	56960.000	81.181%	1652.000
σ		682.700	124.100	0.000	394.200	679.600	165.800	1.173%	7.485
%RSD		0.812	0.751	0.000	0.788	1.130	0.291	1.445	0.453

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:54:36	591.500	268.100	8479.000	109800.000	112200.000	496.200	542.100	296.700
2	05:55:19	596.400	270.500	8550.000	110800.000	113200.000	496.700	540.700	299.400
3	05:56:02	595.100	269.800	8591.000	111600.000	113700.000	494.400	539.600	298.500
x		594.300	269.500	8540.000	110700.000	113000.000	495.800	540.800	298.200
σ		2.516	1.226	56.610	914.000	810.600	1.189	1.266	1.373
%RSD		0.423	0.455	0.663	0.825	0.717	0.240	0.234	0.460

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:54:36	301.600	758.500	756.500	70.840	9.518	12.220	0.000	961.100
2	05:55:19	301.900	762.900	767.300	70.480	8.679	11.270	0.000	970.100
3	05:56:02	296.800	765.700	755.200	70.270	9.507	11.220	0.000	976.800
x		300.100	762.400	759.700	70.530	9.234	11.570	0.000	969.300
σ		2.855	3.668	6.653	0.285	0.481	0.562	0.000	7.891
%RSD		0.951	0.481	0.876	0.404	5.212	4.854	0.000	0.814

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:54:36	0.000	929.500	936.200	74.142%	44.080	43.780	42.090	39.520
2	05:55:19	0.000	941.000	953.800	73.505%	44.230	42.730	43.760	39.470
3	05:56:02	0.000	945.100	956.100	73.213%	42.890	43.600	43.220	40.520
x		0.000	938.500	948.700	73.620%	43.730	43.370	43.020	39.840
σ		0.000	8.065	10.880	0.475%	0.735	0.557	0.855	0.591
%RSD		0.000	0.859	1.147	0.645	1.679	1.285	1.987	1.484

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:54:36	75.196%	930.600	202.900	201.900	2390.000	2390.000	79.318%	78.063%
2	05:55:19	76.192%	927.500	202.100	201.100	2400.000	2400.000	79.108%	78.417%
3	05:56:02	75.234%	949.100	203.800	202.200	2408.000	2400.000	79.560%	79.117%
x		75.541%	935.700	202.900	201.700	2399.000	2397.000	79.329%	78.533%
σ		0.565%	11.710	0.827	0.564	8.778	5.798	0.226%	0.536%
%RSD		0.747	1.251	0.407	0.279	0.366	0.242	0.285	0.683

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	05:54:36	47.340	47.440	108.100	108.400	107.800	69.964%
2	05:55:19	46.930	47.590	109.400	108.200	108.300	70.084%
3	05:56:02	46.780	47.350	108.900	109.000	108.400	70.339%
x		47.020	47.460	108.800	108.500	108.100	70.129%
σ		0.289	0.120	0.642	0.432	0.317	0.191%
%RSD		0.614	0.252	0.591	0.398	0.293	0.273

240-22648-C-10-A PDS 5/2/2013 6:02:07 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:02:50	82.077%	45.660	899.000	922.200	0.000	48780.000	57020.000	56760.000
2	06:03:33	80.839%	45.870	938.800	947.500	0.000	48640.000	56900.000	56540.000
3	06:04:16	81.621%	44.290	921.000	932.500	0.000	48270.000	56490.000	56650.000
x		81.512%	45.270	919.600	934.100	0.000	48560.000	56800.000	56650.000
σ		0.626%	0.861	19.970	12.770	0.000	265.100	278.900	110.000
%RSD		0.768	1.902	2.171	1.367	0.000	0.546	0.491	0.194

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:02:50	48770.000	15850.000	0.000	52120.000	67240.000	64140.000	77.327%	1595.000
2	06:03:33	48450.000	15790.000	0.000	52170.000	67430.000	63860.000	77.050%	1575.000
3	06:04:16	48240.000	15590.000	0.000	51440.000	67920.000	64230.000	77.123%	1577.000
x		48490.000	15740.000	0.000	51910.000	67530.000	64080.000	77.167%	1582.000
σ		266.600	135.800	0.000	405.300	352.400	192.500	0.144%	11.430
%RSD		0.550	0.863	0.000	0.781	0.522	0.300	0.186	0.722

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:02:50	612.200	271.400	10030.000	113000.000	114700.000	564.500	611.600	335.900
2	06:03:33	604.900	264.300	9859.000	111300.000	112800.000	558.300	591.600	331.500
3	06:04:16	597.900	263.800	9898.000	110900.000	113600.000	557.300	600.700	331.300
x		605.000	266.500	9928.000	111700.000	113700.000	560.000	601.300	332.900
σ		7.146	4.210	87.490	1085.000	965.300	3.894	10.040	2.628
%RSD		1.181	1.580	0.881	0.971	0.849	0.695	1.669	0.789

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:02:50	336.500	795.400	795.000	81.080	10.590	12.080	0.000	1097.000
2	06:03:33	334.600	778.000	793.700	80.980	10.910	12.670	0.000	1099.000
3	06:04:16	334.300	780.200	786.200	79.700	11.080	12.330	0.000	1091.000
x		335.100	784.500	791.600	80.590	10.860	12.360	0.000	1095.000
σ		1.199	9.475	4.727	0.767	0.250	0.297	0.000	4.252
%RSD		0.358	1.208	0.597	0.952	2.304	2.405	0.000	0.388

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:02:50	0.000	1143.000	1151.000	68.842%	51.460	51.850	47.660	41.520
2	06:03:33	0.000	1145.000	1156.000	68.602%	51.820	50.890	47.350	41.670
3	06:04:16	0.000	1145.000	1158.000	68.239%	51.450	50.940	48.010	41.090
x		0.000	1145.000	1155.000	68.561%	51.580	51.220	47.670	41.430
σ		0.000	1.262	3.720	0.304%	0.210	0.543	0.332	0.300
%RSD		0.000	0.110	0.322	0.443	0.407	1.059	0.696	0.724

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:02:50	74.379%	1992.000	439.000	443.800	2526.000	2502.000	79.307%	79.272%
2	06:03:33	74.565%	1993.000	447.600	445.300	2511.000	2517.000	79.770%	79.791%
3	06:04:16	75.745%	1976.000	440.300	441.400	2483.000	2477.000	79.778%	80.003%
x		74.896%	1987.000	442.300	443.500	2507.000	2499.000	79.618%	79.689%
σ		0.741%	9.524	4.635	1.968	21.550	20.090	0.270%	0.376%
%RSD		0.989	0.479	1.048	0.444	0.860	0.804	0.339	0.472

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	06:02:50	50.590	50.980	106.300	106.200	106.400	70.723%
2	06:03:33	51.130	51.320	107.400	106.300	106.600	70.902%
3	06:04:16	50.840	51.230	106.800	106.800	107.000	70.928%
x		50.850	51.180	106.800	106.500	106.700	70.851%
σ		0.271	0.176	0.552	0.339	0.320	0.112%
%RSD		0.534	0.343	0.517	0.319	0.300	0.158

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:11:06	86.312%	6.216	38.750	37.190	0.000	533.300	18350.000	18180.000
2	06:11:49	86.457%	5.842	36.600	35.900	0.000	532.100	18090.000	18270.000
3	06:12:32	86.507%	6.369	37.080	35.090	0.000	524.200	18110.000	18170.000
x		86.425%	6.142	37.470	36.060	0.000	529.900	18180.000	18210.000
σ		0.101%	0.271	1.126	1.062	0.000	4.935	144.200	56.790
%RSD		0.117	4.419	3.006	2.945	0.000	0.931	0.793	0.312

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:11:06	64010.000	12060.000	0.000	3206.000	78860.000	77580.000	88.473%	758.000
2	06:11:49	63040.000	11840.000	0.000	3198.000	77820.000	75750.000	88.358%	769.700
3	06:12:32	63280.000	11800.000	0.000	3219.000	78920.000	77810.000	88.389%	759.400
x		63440.000	11900.000	0.000	3208.000	78530.000	77050.000	88.407%	762.400
σ		504.600	141.700	0.000	10.510	618.400	1131.000	0.059%	6.358
%RSD		0.795	1.191	0.000	0.328	0.787	1.469	0.067	0.834

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:11:06	114.200	61.790	15310.000	114200.000	116900.000	75.980	141.900	61.130
2	06:11:49	114.900	61.850	15380.000	114400.000	116400.000	75.270	137.300	59.180
3	06:12:32	113.600	62.100	15300.000	112800.000	115400.000	73.970	136.900	59.210
x		114.200	61.920	15330.000	113800.000	116200.000	75.070	138.700	59.840
σ		0.658	0.165	42.040	882.500	778.900	1.022	2.751	1.119
%RSD		0.576	0.267	0.274	0.776	0.670	1.362	1.983	1.870

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:11:06	62.400	324.200	323.600	51.630	3.207	5.522	0.000	241.400
2	06:11:49	59.060	317.500	321.700	49.960	3.039	4.583	0.000	241.900
3	06:12:32	60.790	321.700	322.000	49.730	2.793	4.064	0.000	243.600
x		60.750	321.100	322.400	50.440	3.013	4.723	0.000	242.300
σ		1.672	3.392	1.046	1.037	0.208	0.739	0.000	1.112
%RSD		2.753	1.056	0.324	2.056	6.919	15.640	0.000	0.459

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:11:06	0.000	10.740	10.610	82.114%	0.271	0.204	5.660	5.589
2	06:11:49	0.000	10.590	10.610	82.530%	0.294	0.242	5.838	5.466
3	06:12:32	0.000	10.530	10.760	81.982%	0.293	0.173	6.172	5.437
x		0.000	10.620	10.660	82.209%	0.286	0.206	5.890	5.497
σ		0.000	0.109	0.086	0.286%	0.013	0.035	0.260	0.081
%RSD		0.000	1.024	0.806	0.348	4.464	16.880	4.408	1.468

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:11:06	83.139%	3.815	1.465	1.341	1200.000	1200.000	88.094%	86.840%
2	06:11:49	83.047%	3.530	1.204	1.039	1208.000	1196.000	89.480%	88.318%
3	06:12:32	83.714%	3.368	0.996	0.938	1201.000	1207.000	88.671%	88.272%
x		83.300%	3.571	1.222	1.106	1203.000	1201.000	88.748%	87.810%
σ		0.361%	0.226	0.235	0.210	4.012	5.487	0.696%	0.840%
%RSD		0.434	6.333	19.220	18.990	0.334	0.457	0.785	0.957

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	06:11:06	0.744	0.734	86.400	84.940	85.070	77.346%
2	06:11:49	0.718	0.746	86.660	84.590	85.190	78.735%
3	06:12:32	0.787	0.727	86.880	84.420	85.470	78.769%
x		0.750	0.736	86.650	84.650	85.240	78.283%
σ		0.035	0.010	0.238	0.265	0.203	0.812%
%RSD		4.630	1.353	0.275	0.313	0.239	1.037

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:19:20	87.877%	6.184	29.530	28.750	0.000	618.600	16100.000	16050.000
2	06:20:03	86.999%	6.144	25.970	27.220	0.000	597.400	15630.000	15730.000
3	06:20:46	87.642%	6.092	29.930	27.430	0.000	602.500	15620.000	15760.000
x		87.506%	6.140	28.470	27.800	0.000	606.200	15780.000	15850.000
σ		0.454%	0.046	2.182	0.829	0.000	11.040	274.400	180.900
%RSD		0.519	0.751	7.662	2.982	0.000	1.822	1.739	1.142

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:19:20	57770.000	12690.000	0.000	3252.000	68410.000	64490.000	89.499%	691.900
2	06:20:03	57560.000	12500.000	0.000	3267.000	68390.000	64150.000	87.251%	687.200
3	06:20:46	56530.000	12390.000	0.000	3257.000	68940.000	64010.000	87.089%	701.700
x		57290.000	12530.000	0.000	3259.000	68580.000	64220.000	87.946%	693.600
σ		664.700	153.100	0.000	7.817	312.800	246.700	1.347%	7.413
%RSD		1.160	1.222	0.000	0.240	0.456	0.384	1.532	1.069

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:19:20	110.400	54.280	18960.000	101400.000	102300.000	87.890	139.400	62.500
2	06:20:03	108.900	54.090	18960.000	101600.000	104000.000	87.360	136.700	62.020
3	06:20:46	108.200	52.720	18860.000	101000.000	103300.000	86.090	138.500	63.050
x		109.200	53.700	18930.000	101300.000	103200.000	87.110	138.200	62.520
σ		1.131	0.849	61.200	300.100	860.900	0.927	1.347	0.512
%RSD		1.036	1.582	0.323	0.296	0.834	1.064	0.975	0.819

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:19:20	63.100	348.900	355.300	66.090	3.516	4.899	0.000	225.000
2	06:20:03	63.430	352.500	355.600	66.320	3.148	5.599	0.000	227.200
3	06:20:46	63.880	350.300	356.100	65.550	3.469	4.868	0.000	227.100
x		63.470	350.600	355.700	65.990	3.378	5.122	0.000	226.400
σ		0.393	1.846	0.443	0.396	0.201	0.414	0.000	1.267
%RSD		0.620	0.526	0.125	0.600	5.936	8.076	0.000	0.560

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:19:20	0.000	12.970	13.770	83.658%	0.279	0.215	5.101	5.101
2	06:20:03	0.000	12.920	13.120	83.245%	0.265	0.192	5.183	4.886
3	06:20:46	0.000	13.470	13.420	83.091%	0.231	0.212	5.196	5.078
x		0.000	13.120	13.440	83.331%	0.258	0.206	5.160	5.021
σ		0.000	0.303	0.326	0.293%	0.025	0.012	0.052	0.118
%RSD		0.000	2.308	2.428	0.352	9.557	5.980	0.999	2.352

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:19:20	83.295%	2.235	0.516	0.564	1175.000	1172.000	87.072%	85.812%
2	06:20:03	83.641%	2.167	0.431	0.497	1175.000	1172.000	88.288%	87.923%
3	06:20:46	84.194%	2.027	0.464	0.393	1172.000	1168.000	89.061%	88.443%
x		83.710%	2.143	0.470	0.485	1174.000	1170.000	88.141%	87.393%
σ		0.454%	0.106	0.043	0.086	1.820	2.150	1.003%	1.393%
%RSD		0.542	4.959	9.149	17.780	0.155	0.184	1.138	1.594

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	06:19:20	0.831	0.866	85.040	83.610	84.340	77.696%
2	06:20:03	0.833	0.846	85.270	83.930	84.690	78.785%
3	06:20:46	0.851	0.836	85.460	84.030	84.950	79.301%
x		0.838	0.849	85.260	83.860	84.660	78.594%
σ		0.011	0.015	0.214	0.218	0.306	0.819%
%RSD		1.298	1.776	0.251	0.260	0.362	1.043

240-22648-E-13-A 5/2/2013 6:26:49 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:27:32	87.163%	2.781	18.390	16.780	0.000	431.100	10190.000	10130.000
2	06:28:15	84.191%	2.488	17.140	15.960	0.000	435.000	10110.000	10080.000
3	06:28:58	83.887%	2.418	17.410	16.790	0.000	434.100	10190.000	10140.000
x		85.080%	2.562	17.650	16.510	0.000	433.400	10160.000	10120.000
σ		1.810%	0.193	0.656	0.478	0.000	2.018	45.690	34.550
%RSD		2.127	7.517	3.715	2.894	0.000	0.466	0.450	0.342

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:27:32	37880.000	6324.000	0.000	3279.000	14260.000	13450.000	86.742%	478.200
2	06:28:15	37790.000	6349.000	0.000	3301.000	14250.000	13410.000	85.599%	473.900
3	06:28:58	37660.000	6226.000	0.000	3261.000	14370.000	13330.000	85.188%	475.400
x		37780.000	6300.000	0.000	3280.000	14290.000	13400.000	85.843%	475.900
σ		110.800	64.950	0.000	19.950	65.140	59.990	0.805%	2.178
%RSD		0.293	1.031	0.000	0.608	0.456	0.448	0.938	0.458

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:27:32	73.430	50.650	3839.000	80910.000	82120.000	42.370	83.990	72.380
2	06:28:15	70.520	50.280	3866.000	81640.000	81990.000	42.100	82.190	70.920
3	06:28:58	72.510	50.910	3829.000	80450.000	82230.000	42.530	84.370	70.680
x		72.150	50.620	3844.000	81000.000	82120.000	42.330	83.520	71.330
σ		1.490	0.317	19.060	602.200	119.700	0.216	1.167	0.921
%RSD		2.065	0.627	0.496	0.743	0.146	0.510	1.398	1.291

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:27:32	72.560	353.300	357.700	30.270	2.101	2.985	0.000	40.660
2	06:28:15	70.840	353.000	355.900	29.940	1.884	2.343	0.000	40.750
3	06:28:58	70.870	353.900	357.200	30.230	1.599	3.139	0.000	41.310
x		71.420	353.400	356.900	30.150	1.861	2.823	0.000	40.910
σ		0.984	0.500	0.937	0.177	0.252	0.422	0.000	0.355
%RSD		1.378	0.142	0.263	0.589	13.520	14.960	0.000	0.868

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:27:32	0.000	4.759	4.323	83.718%	0.264	0.177	2.266	2.062
2	06:28:15	0.000	4.524	4.685	83.038%	0.192	0.189	2.377	2.220
3	06:28:58	0.000	4.401	4.666	82.442%	0.226	0.159	2.230	2.065
x		0.000	4.561	4.558	83.066%	0.227	0.175	2.291	2.116
σ		0.000	0.182	0.204	0.639%	0.036	0.015	0.077	0.090
%RSD		0.000	3.987	4.469	0.769	15.860	8.397	3.348	4.257

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:27:32	82.723%	1.868	0.357	0.367	422.600	420.900	84.927%	84.870%
2	06:28:15	82.899%	1.786	0.386	0.290	420.000	418.800	86.993%	86.900%
3	06:28:58	83.690%	1.824	0.323	0.348	419.700	416.800	88.100%	87.509%
x		83.104%	1.826	0.355	0.335	420.800	418.800	86.673%	86.426%
σ		0.515%	0.041	0.031	0.040	1.573	2.065	1.611%	1.382%
%RSD		0.619	2.265	8.851	11.890	0.374	0.493	1.858	1.599

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	06:27:32	0.571	0.587	79.540	78.270	78.560	79.240%
2	06:28:15	0.592	0.574	79.490	78.220	78.650	80.913%
3	06:28:58	0.574	0.621	80.190	79.090	79.360	80.731%
x		0.579	0.594	79.740	78.530	78.860	80.295%
σ		0.011	0.024	0.386	0.490	0.435	0.918%
%RSD		1.960	4.073	0.484	0.625	0.552	1.143

240-22648-B-14-A 5/2/2013 6:35:02 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:35:45	88.769%	2.462	29.390	29.110	0.000	221.900	7886.000	7809.000
2	06:36:28	86.989%	2.731	29.820	28.400	0.000	221.700	7768.000	7737.000
3	06:37:11	86.479%	2.472	31.250	29.120	0.000	223.100	7756.000	7842.000
x		87.412%	2.555	30.160	28.880	0.000	222.300	7803.000	7796.000
σ		1.202%	0.153	0.971	0.413	0.000	0.760	72.040	53.740
%RSD		1.375	5.978	3.221	1.430	0.000	0.342	0.923	0.689

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:35:45	30780.000	6338.000	0.000	3328.000	21290.000	20080.000	87.665%	469.700
2	06:36:28	30530.000	6147.000	0.000	3313.000	21380.000	20100.000	86.644%	468.700
3	06:37:11	30950.000	6213.000	0.000	3355.000	21180.000	20290.000	85.478%	468.000
x		30750.000	6233.000	0.000	3332.000	21280.000	20160.000	86.596%	468.800
σ		209.600	96.800	0.000	21.570	99.270	114.700	1.094%	0.823
%RSD		0.681	1.553	0.000	0.647	0.466	0.569	1.264	0.175

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:35:45	66.060	48.380	1276.000	64730.000	64960.000	31.850	75.700	77.190
2	06:36:28	66.660	47.830	1292.000	64730.000	65160.000	32.120	76.400	75.510
3	06:37:11	65.630	47.240	1291.000	65150.000	65430.000	31.630	76.130	76.280
x		66.120	47.820	1286.000	64870.000	65180.000	31.860	76.080	76.330
σ		0.518	0.571	9.348	242.600	237.200	0.245	0.351	0.844
%RSD		0.783	1.193	0.727	0.374	0.364	0.768	0.461	1.105

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:35:45	76.620	307.600	308.500	28.920	6.607	6.628	0.000	72.950
2	06:36:28	75.860	305.900	308.600	27.900	5.802	6.598	0.000	72.510
3	06:37:11	75.200	301.800	307.300	28.870	5.966	6.104	0.000	73.200
x		75.890	305.100	308.100	28.570	6.125	6.443	0.000	72.880
σ		0.711	2.971	0.695	0.574	0.425	0.294	0.000	0.350
%RSD		0.937	0.974	0.225	2.008	6.945	4.569	0.000	0.480

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:35:45	0.000	5.457	5.360	84.377%	0.315	0.201	3.134	3.021
2	06:36:28	0.000	5.228	5.381	84.219%	0.237	0.205	3.178	2.860
3	06:37:11	0.000	5.335	5.479	83.220%	0.228	0.174	3.328	3.056
x		0.000	5.340	5.406	83.939%	0.260	0.194	3.213	2.979
σ		0.000	0.115	0.064	0.627%	0.048	0.017	0.102	0.105
%RSD		0.000	2.147	1.176	0.747	18.550	8.603	3.164	3.511

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:35:45	83.218%	1.864	0.740	0.639	539.500	534.700	86.248%	85.340%
2	06:36:28	83.598%	1.838	0.624	0.635	529.600	531.700	87.180%	87.347%
3	06:37:11	83.716%	1.758	0.638	0.546	530.500	537.300	87.015%	87.062%
x		83.511%	1.820	0.668	0.607	533.200	534.600	86.814%	86.583%
σ		0.260%	0.056	0.063	0.053	5.495	2.762	0.497%	1.086%
%RSD		0.312	3.059	9.484	8.730	1.030	0.517	0.573	1.254

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	06:35:45	0.573	0.580	84.980	83.550	83.750	81.103%
2	06:36:28	0.611	0.605	85.680	84.020	84.730	81.308%
3	06:37:11	0.593	0.583	85.940	83.970	84.570	82.019%
x		0.592	0.589	85.530	83.850	84.350	81.477%
σ		0.019	0.014	0.498	0.261	0.527	0.481%
%RSD		3.190	2.334	0.582	0.311	0.625	0.590

CCV 801624 5/2/2013 6:43:16 AM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:43:59	87.438%	97.610	92.950	93.420	0.000	47620.000	47480.000	47130.000
2	06:44:42	85.416%	97.480	92.930	92.650	0.000	46770.000	46780.000	46460.000
3	06:45:25	83.471%	98.320	95.630	98.030	0.000	47100.000	47220.000	47090.000
x		85.442%	97.803%	93.836%	94.700%	0.000	94.334%	94.323%	93.784%
σ		1.984%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		2.322	0.461	1.657	3.070	0.000	0.910	0.748	0.803

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:43:59	499.500	5043.000	0.000	49000.000	48640.000	46100.000	82.681%	100.400
2	06:44:42	490.700	4956.000	0.000	47760.000	48510.000	46090.000	82.501%	99.520
3	06:45:25	495.900	4978.000	0.000	47960.000	47990.000	46210.000	80.900%	99.680
x		99.078%	99.848%	0.000	96.477%	96.762%	92.269%	82.027%	99.880%
σ		n/a	n/a	0.000	n/a	n/a	n/a	0.981%	n/a
%RSD		0.893	0.908	0.000	1.386	0.706	0.133	1.196	0.493

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:43:59	100.700	101.300	490.700	24730.000	24880.000	102.400	103.200	105.300
2	06:44:42	98.790	100.600	485.800	24560.000	24570.000	101.800	105.000	105.100
3	06:45:25	98.900	98.240	485.100	24440.000	24680.000	100.100	104.000	103.100
x		99.475%	100.071%	97.440%	98.291%	98.847%	101.428%	104.058%	104.499%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		1.095	1.620	0.622	0.591	0.637	1.200	0.852	1.188

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:43:59	105.300	100.100	99.760	99.720	100.000	100.500	0.000	96.700
2	06:44:42	103.100	98.060	97.050	98.130	98.640	101.900	0.000	95.240
3	06:45:25	101.200	97.550	97.830	100.200	99.280	101.300	0.000	94.350
x		103.217%	98.558%	98.217%	99.348%	99.306%	101.233%	0.000	95.428%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		1.971	1.342	1.421	1.086	0.685	0.713	0.000	1.243

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:43:59	83.211%	98.440	100.200	81.155%	99.060	100.200	96.100	96.470
2	06:44:42	82.801%	100.600	101.000	79.815%	99.890	100.300	96.040	96.850
3	06:45:25	82.052%	101.900	102.200	78.591%	99.560	101.000	96.610	96.710
x		82.688%	100.318%	101.140%	79.853%	99.502%	100.532%	96.248%	96.679%
σ		0.588%	n/a	n/a	1.282%	n/a	n/a	n/a	n/a
%RSD		0.711	1.764	0.958	1.606	0.422	0.417	0.323	0.200

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:43:59	80.129%	95.840	93.320	93.330	97.970	97.900	81.611%	82.008%
2	06:44:42	79.615%	96.240	94.130	94.830	96.310	98.020	82.171%	82.236%
3	06:45:25	78.718%	97.360	93.910	94.590	96.990	95.970	81.481%	81.670%
x		79.487%	96.482%	93.788%	94.252%	97.090%	97.297%	81.754%	81.972%
σ		0.714%	n/a	n/a	n/a	n/a	n/a	0.367%	0.285%
%RSD		0.898	0.813	0.446	0.855	0.860	1.181	0.448	0.348

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	06:43:59	94.160	94.080	95.200	94.160	94.720	78.565%
2	06:44:42	94.890	95.200	95.280	95.560	95.280	78.097%
3	06:45:25	94.720	95.010	95.900	95.290	95.130	77.669%
x		94.591%	94.764%	95.459%	95.003%	95.045%	78.110%
σ		n/a	n/a	n/a	n/a	n/a	0.448%
%RSD		0.404	0.633	0.399	0.785	0.307	0.574

CCB7 5/2/2013 6:51:33 AM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:52:16	98.998%	0.026	-0.344	-1.527	0.000	18.960	17.140	16.740
2	06:52:59	102.290%	0.025	-1.278	-1.951	0.000	21.310	18.780	18.320
3	06:53:42	101.395%	0.016	-2.019	-2.331	0.000	21.370	17.110	17.860
x		100.894%	0.022	-1.214	-1.936	0.000	20.550	17.680	17.640
σ		1.702%	0.006	0.839	0.402	0.000	1.375	0.959	0.812
%RSD		1.687	25.680	69.140	20.770	0.000	6.693	5.425	4.603
Run	**Time**	**27Al**	**28Si**	**37Cl**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:52:16	4.705	-0.359	0.000	-10.640	13.780	13.810	103.095%	-0.744
2	06:52:59	5.424	0.445	0.000	-9.798	11.790	19.020	102.276%	-0.742
3	06:53:42	5.047	-0.208	0.000	-11.240	28.030	17.560	104.052%	-0.746
x		5.059	-0.041	0.000	-10.560	17.870	16.800	103.141%	-0.744
σ		0.360	0.427	0.000	0.725	8.861	2.686	0.889%	0.002
%RSD		7.107	1051.000	0.000	6.869	49.600	15.990	0.862	0.249
Run	**Time**	**51V**	**52Cr**	**55Mn**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**63Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:52:16	-0.012	-0.004	0.657	13.200	12.470	0.044	0.018	0.046
2	06:52:59	0.027	0.045	0.752	16.260	16.600	0.044	0.042	0.086
3	06:53:42	0.038	-0.019	0.720	13.670	14.920	0.057	0.033	0.040
x		0.018	0.007	0.710	14.370	14.660	0.048	0.031	0.057
σ		0.026	0.034	0.048	1.648	2.076	0.007	0.012	0.025
%RSD		150.300	466.800	6.795	11.460	14.160	15.000	38.290	43.580
Run	**Time**	**65Cu**	**66Zn**	**68Zn**	**75As**	**78Se**	**82Se**	**83Kr**	**88Sr**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:52:16	0.035	0.135	0.104	-0.143	-0.056	-0.692	0.000	0.072
2	06:52:59	0.066	-0.084	0.123	-0.215	-0.138	-0.745	0.000	0.081
3	06:53:42	0.013	0.102	0.014	-0.062	0.001	-0.177	0.000	0.079
x		0.038	0.051	0.080	-0.140	-0.064	-0.538	0.000	0.077
σ		0.027	0.118	0.058	0.076	0.070	0.314	0.000	0.005
%RSD		70.660	232.000	71.940	54.540	108.800	58.330	0.000	6.455
Run	**Time**	**89Y**	**95Mo**	**98Mo**	**103Rh**	**107Ag**	**109Ag**	**111Cd**	**114Cd**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:52:16	93.476%	0.279	0.304	90.563%	0.027	0.021	0.122	0.112
2	06:52:59	95.359%	0.360	0.267	91.608%	0.028	0.029	0.014	0.039
3	06:53:42	95.279%	0.330	0.220	92.292%	0.036	0.025	0.097	0.089
x		94.705%	0.323	0.264	91.488%	0.030	0.025	0.078	0.080
σ		1.065%	0.041	0.042	0.870%	0.005	0.004	0.056	0.038
%RSD		1.124	12.580	16.070	0.951	16.600	16.080	72.320	47.050
Run	**Time**	**115In**	**118Sn**	**121Sb**	**123Sb**	**135Ba**	**137Ba**	**159Tb**	**165Ho**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:52:16	86.744%	-0.062	0.115	0.084	0.070	0.085	86.649%	85.630%
2	06:52:59	89.014%	-0.056	0.077	0.127	0.075	0.143	87.411%	87.186%
3	06:53:42	88.509%	-0.100	0.129	0.084	0.113	0.078	88.136%	88.394%
x		88.089%	-0.073	0.107	0.098	0.086	0.102	87.399%	87.070%
σ		1.192%	0.024	0.027	0.025	0.024	0.036	0.743%	1.386%
%RSD		1.353	33.160	25.510	25.060	27.310	35.090	0.851	1.591
Run	**Time**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	06:52:16	0.027	0.020	0.035	0.021	0.036	91.320%		
2	06:52:59	0.028	0.029	0.044	0.050	0.055	92.404%		
3	06:53:42	0.023	0.026	0.035	0.047	0.039	93.065%		
x		0.026	0.025	0.038	0.039	0.043	92.263%		
σ		0.002	0.005	0.005	0.016	0.010	0.881%		
%RSD		8.583	19.010	14.120	40.340	24.120	0.955		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:00:32	76.684%	6.568	25.690	25.970	0.000	515.900	36360.000	36140.000
2	07:01:15	74.604%	7.151	26.570	24.520	0.000	514.000	35910.000	35560.000
3	07:01:58	71.297%	6.543	26.570	25.240	0.000	516.000	36390.000	36270.000
x		74.195%	6.754	26.280	25.240	0.000	515.300	36220.000	35990.000
σ		2.717%	0.344	0.505	0.725	0.000	1.158	271.300	375.500
%RSD		3.662	5.094	1.922	2.873	0.000	0.225	0.749	1.043

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:00:32	122000.000	6860.000	0.000	10690.000	13580.000	12780.000	79.520%	1297.000
2	07:01:15	120600.000	6715.000	0.000	10500.000	13440.000	12950.000	75.191%	1279.000
3	07:01:58	121600.000	6731.000	0.000	10680.000	13790.000	12920.000	73.796%	1286.000
x		121400.000	6769.000	0.000	10620.000	13600.000	12880.000	76.169%	1287.000
σ		741.400	79.730	0.000	106.800	176.500	87.810	2.984%	8.861
%RSD		0.611	1.178	0.000	1.006	1.298	0.682	3.918	0.688

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:00:32	204.000	175.200	3413.000	265400.000	270100.000	129.900	304.700	202.700
2	07:01:15	200.000	172.100	3418.000	264600.000	270500.000	129.700	303.200	199.100
3	07:01:58	204.100	175.500	3442.000	265100.000	268400.000	127.600	294.700	197.800
x		202.700	174.300	3424.000	265000.000	269700.000	129.100	300.900	199.900
σ		2.332	1.888	15.350	372.300	1142.000	1.301	5.414	2.533
%RSD		1.150	1.083	0.448	0.141	0.423	1.008	1.800	1.267

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:00:32	202.900	597.400	596.900	105.500	1.402	2.569	0.000	87.780
2	07:01:15	199.500	601.000	602.700	104.700	1.747	4.406	0.000	88.970
3	07:01:58	198.100	596.800	603.800	104.300	1.848	3.484	0.000	88.970
x		200.100	598.400	601.100	104.800	1.666	3.486	0.000	88.570
σ		2.466	2.294	3.715	0.629	0.234	0.918	0.000	0.689
%RSD		1.232	0.383	0.618	0.600	14.030	26.350	0.000	0.777

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:00:32	0.000	11.460	11.620	70.639%	0.294	0.156	2.065	1.740
2	07:01:15	0.000	12.090	11.760	67.942%	0.301	0.175	2.134	1.830
3	07:01:58	0.000	11.640	12.110	66.661%	0.236	0.174	2.146	1.676
x		0.000	11.730	11.830	68.414%	0.277	0.168	2.115	1.749
σ		0.000	0.321	0.249	2.031%	0.036	0.011	0.044	0.077
%RSD		0.000	2.735	2.105	2.968	13.000	6.399	2.058	4.400

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:00:32	72.007%	0.882	0.268	0.246	926.300	915.300	79.380%	78.297%
2	07:01:15	70.420%	0.839	0.275	0.274	909.800	909.600	78.793%	77.336%
3	07:01:58	69.741%	0.793	0.274	0.264	899.400	905.600	77.719%	76.794%
x		70.723%	0.838	0.272	0.261	911.800	910.200	78.631%	77.476%
σ		1.163%	0.045	0.004	0.014	13.530	4.909	0.842%	0.762%
%RSD		1.645	5.314	1.334	5.372	1.484	0.539	1.071	0.983

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	07:00:32	1.658	1.652	128.200	124.000	126.100	69.468%
2	07:01:15	1.651	1.700	128.300	126.500	127.100	68.342%
3	07:01:58	1.617	1.678	129.300	126.800	127.600	67.283%
x		1.642	1.676	128.600	125.800	127.000	68.365%
σ		0.022	0.024	0.625	1.526	0.769	1.093%
%RSD		1.339	1.432	0.486	1.213	0.606	1.599

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:08:46	76.213%	7.110	22.810	20.460	0.000	475.100	36390.000	36260.000
2	07:09:29	74.166%	7.541	21.500	21.920	0.000	469.200	35950.000	35930.000
3	07:10:12	72.474%	6.673	24.150	21.480	0.000	476.500	36450.000	36140.000
x		74.284%	7.108	22.820	21.290	0.000	473.600	36260.000	36110.000
σ		1.873%	0.434	1.323	0.750	0.000	3.870	273.300	171.100
%RSD		2.521	6.103	5.796	3.523	0.000	0.817	0.754	0.474

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:08:46	116400.000	8957.000	0.000	10030.000	19620.000	18420.000	77.223%	1426.000
2	07:09:29	114100.000	8857.000	0.000	10010.000	19450.000	18160.000	74.954%	1399.000
3	07:10:12	114400.000	8847.000	0.000	10130.000	19450.000	18550.000	73.257%	1388.000
x		115000.000	8887.000	0.000	10050.000	19510.000	18380.000	75.145%	1405.000
σ		1245.000	60.670	0.000	66.430	98.060	195.500	1.990%	19.460
%RSD		1.083	0.683	0.000	0.661	0.503	1.064	2.648	1.385

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:08:46	197.900	170.200	4226.000	261200.000	264900.000	180.600	307.300	195.200
2	07:09:29	192.000	168.300	4215.000	258100.000	264300.000	179.300	299.600	195.000
3	07:10:12	196.700	169.500	4263.000	261100.000	265300.000	177.500	297.400	193.300
x		195.500	169.300	4235.000	260100.000	264800.000	179.100	301.400	194.500
σ		3.125	0.938	25.470	1776.000	511.200	1.546	5.209	1.024
%RSD		1.598	0.554	0.601	0.683	0.193	0.863	1.728	0.526

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:08:46	198.000	522.900	531.100	93.620	1.190	4.162	0.000	91.550
2	07:09:29	195.200	527.200	528.300	91.950	1.324	2.510	0.000	91.600
3	07:10:12	194.100	519.700	526.500	90.380	1.683	3.193	0.000	92.510
x		195.800	523.300	528.600	91.980	1.399	3.288	0.000	91.890
σ		1.992	3.785	2.334	1.622	0.255	0.830	0.000	0.544
%RSD		1.018	0.723	0.442	1.764	18.240	25.230	0.000	0.592

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:08:46	0.000	11.950	11.300	69.297%	0.258	0.150	2.232	1.799
2	07:09:29	0.000	11.390	11.960	67.723%	0.238	0.189	2.023	1.638
3	07:10:12	0.000	11.440	11.820	66.536%	0.220	0.145	2.057	1.731
x		0.000	11.590	11.690	67.852%	0.238	0.161	2.104	1.723
σ		0.000	0.313	0.349	1.385%	0.019	0.024	0.112	0.081
%RSD		0.000	2.701	2.987	2.041	7.994	14.940	5.344	4.691

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:08:46	70.751%	0.822	0.267	0.270	852.500	847.000	78.579%	77.409%
2	07:09:29	70.212%	0.816	0.255	0.249	852.500	844.800	77.884%	76.905%
3	07:10:12	69.105%	0.795	0.230	0.212	846.900	845.400	77.921%	76.933%
x		70.023%	0.811	0.251	0.243	850.600	845.700	78.128%	77.083%
σ		0.839%	0.014	0.019	0.030	3.228	1.123	0.391%	0.283%
%RSD		1.199	1.702	7.453	12.120	0.380	0.133	0.500	0.368

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	07:08:46	1.660	1.687	149.100	145.800	147.700	67.796%
2	07:09:29	1.676	1.733	148.900	146.600	147.500	67.793%
3	07:10:12	1.661	1.702	150.000	147.500	148.500	67.114%
x		1.665	1.707	149.300	146.600	147.900	67.567%
σ		0.009	0.024	0.566	0.865	0.533	0.393%
%RSD		0.539	1.391	0.379	0.590	0.361	0.582

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:17:00	80.283%	5.302	39.850	41.620	0.000	760.800	53510.000	53090.000
2	07:17:43	78.923%	5.594	44.870	42.990	0.000	761.200	53170.000	52750.000
3	07:18:26	79.388%	5.089	40.670	40.960	0.000	754.600	53490.000	53040.000
x		79.531%	5.329	41.800	41.860	0.000	758.900	53390.000	52960.000
σ		0.692%	0.253	2.695	1.034	0.000	3.680	192.600	180.300
%RSD		0.870	4.751	6.449	2.471	0.000	0.485	0.361	0.340

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:17:00	105500.000	6959.000	0.000	13040.000	181800.000	178400.000	84.589%	1369.000
2	07:17:43	105000.000	6889.000	0.000	13020.000	181100.000	178200.000	84.396%	1370.000
3	07:18:26	105700.000	6887.000	0.000	13300.000	183500.000	181300.000	82.865%	1348.000
x		105400.000	6912.000	0.000	13120.000	182100.000	179300.000	83.950%	1362.000
σ		386.600	40.720	0.000	156.700	1261.000	1745.000	0.944%	12.540
%RSD		0.367	0.589	0.000	1.195	0.693	0.973	1.125	0.921

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:17:00	180.200	167.200	3593.000	235100.000	239100.000	110.900	282.300	194.300
2	07:17:43	179.100	163.900	3586.000	233100.000	239000.000	109.700	279.700	193.200
3	07:18:26	177.700	165.700	3653.000	238600.000	241300.000	111.800	279.900	196.700
x		179.000	165.600	3611.000	235600.000	239800.000	110.800	280.600	194.700
σ		1.298	1.626	36.530	2771.000	1325.000	1.087	1.429	1.839
%RSD		0.726	0.982	1.012	1.176	0.552	0.981	0.509	0.944

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:17:00	200.200	491.300	501.400	92.850	1.044	2.461	0.000	297.700
2	07:17:43	194.800	494.800	494.200	91.850	0.790	2.576	0.000	296.600
3	07:18:26	200.200	494.400	503.100	94.130	0.987	2.567	0.000	299.100
x		198.400	493.500	499.600	92.940	0.941	2.535	0.000	297.800
σ		3.099	1.933	4.707	1.146	0.133	0.064	0.000	1.302
%RSD		1.562	0.392	0.942	1.233	14.150	2.529	0.000	0.437

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:17:00	0.000	13.840	13.830	74.386%	0.338	0.174	1.695	1.374
2	07:17:43	0.000	13.970	13.710	75.039%	0.324	0.200	1.578	1.208
3	07:18:26	0.000	13.870	13.920	74.624%	0.344	0.229	1.852	1.385
x		0.000	13.890	13.820	74.683%	0.335	0.201	1.708	1.322
σ		0.000	0.067	0.107	0.330%	0.010	0.027	0.137	0.099
%RSD		0.000	0.484	0.771	0.442	3.123	13.530	8.028	7.479

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:17:00	76.471%	0.718	0.187	0.200	737.400	739.200	80.303%	78.828%
2	07:17:43	76.672%	0.725	0.138	0.221	736.800	738.300	81.978%	81.168%
3	07:18:26	77.679%	0.650	0.156	0.166	738.600	726.500	82.250%	80.999%
x		76.941%	0.698	0.160	0.196	737.600	734.700	81.510%	80.332%
σ		0.647%	0.041	0.025	0.028	0.884	7.081	1.054%	1.305%
%RSD		0.841	5.918	15.500	14.110	0.120	0.964	1.293	1.624

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	07:17:00	1.541	1.566	112.900	110.900	111.300	69.305%
2	07:17:43	1.556	1.614	112.900	111.200	111.900	70.580%
3	07:18:26	1.586	1.612	112.200	110.300	111.400	71.164%
x		1.561	1.597	112.600	110.800	111.600	70.350%
σ		0.023	0.028	0.384	0.472	0.314	0.951%
%RSD		1.474	1.725	0.341	0.426	0.281	1.351

240-22648-B-25-A 5/2/2013 7:24:31 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:25:14	80.163%	5.474	44.980	45.520	0.000	790.800	57210.000	57060.000
2	07:25:57	78.297%	5.261	45.990	45.090	0.000	794.200	57150.000	57120.000
3	07:26:40	78.647%	5.927	44.740	45.170	0.000	792.700	56860.000	56810.000
x		79.036%	5.554	45.230	45.260	0.000	792.600	57070.000	57000.000
σ		0.992%	0.340	0.666	0.231	0.000	1.705	189.400	166.800
%RSD		1.255	6.124	1.472	0.511	0.000	0.215	0.332	0.293

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:25:14	110400.000	8257.000	0.000	13720.000	206000.000	203000.000	85.143%	1469.000
2	07:25:57	110500.000	8106.000	0.000	13730.000	204600.000	202900.000	83.630%	1452.000
3	07:26:40	109000.000	8050.000	0.000	13550.000	202300.000	202300.000	82.037%	1447.000
x		110000.000	8138.000	0.000	13660.000	204300.000	202700.000	83.603%	1456.000
σ		836.200	106.800	0.000	101.400	1853.000	367.900	1.553%	11.190
%RSD		0.760	1.313	0.000	0.742	0.907	0.181	1.858	0.769

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:25:14	189.100	174.300	3671.000	245800.000	250500.000	120.800	298.100	207.100
2	07:25:57	188.600	172.400	3625.000	244400.000	248600.000	119.100	297.300	204.700
3	07:26:40	184.900	172.900	3671.000	244400.000	250100.000	118.700	293.300	203.100
x		187.500	173.200	3655.000	244800.000	249700.000	119.500	296.200	205.000
σ		2.294	0.986	26.140	806.600	1019.000	1.125	2.599	2.003
%RSD		1.223	0.570	0.715	0.329	0.408	0.941	0.877	0.977

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:25:14	208.400	510.100	515.900	92.020	0.869	2.917	0.000	329.200
2	07:25:57	206.200	518.900	520.100	90.520	1.071	2.520	0.000	329.800
3	07:26:40	202.900	511.200	515.700	91.910	0.731	3.327	0.000	331.700
x		205.800	513.400	517.300	91.490	0.890	2.921	0.000	330.200
σ		2.759	4.800	2.490	0.835	0.171	0.403	0.000	1.325
%RSD		1.341	0.935	0.481	0.913	19.200	13.800	0.000	0.401

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:25:14	0.000	14.420	14.450	73.861%	0.324	0.162	1.768	1.347
2	07:25:57	0.000	14.640	14.600	72.823%	0.357	0.174	2.025	1.486
3	07:26:40	0.000	14.160	14.950	72.482%	0.292	0.208	1.739	1.382
x		0.000	14.410	14.660	73.056%	0.324	0.181	1.844	1.405
σ		0.000	0.238	0.258	0.719%	0.033	0.024	0.158	0.073
%RSD		0.000	1.655	1.762	0.984	10.080	13.060	8.541	5.168

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:25:14	75.582%	0.653	0.186	0.259	740.900	739.000	80.007%	78.454%
2	07:25:57	75.509%	0.628	0.194	0.213	733.600	733.100	80.612%	78.031%
3	07:26:40	75.187%	0.733	0.199	0.192	746.200	740.600	79.986%	79.032%
x		75.426%	0.671	0.193	0.221	740.200	737.600	80.201%	78.506%
σ		0.210%	0.055	0.007	0.034	6.343	3.952	0.356%	0.502%
%RSD		0.279	8.209	3.476	15.470	0.857	0.536	0.443	0.640

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	07:25:14	1.682	1.643	119.100	117.500	118.100	68.239%
2	07:25:57	1.640	1.658	120.000	117.700	118.500	68.625%
3	07:26:40	1.717	1.668	119.900	117.800	119.100	68.091%
x		1.680	1.657	119.700	117.700	118.600	68.318%
σ		0.039	0.013	0.485	0.138	0.550	0.276%
%RSD		2.293	0.764	0.406	0.117	0.464	0.404

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:33:29	78.021%	5.083	19.870	20.410	0.000	336.600	24690.000	24570.000
2	07:34:12	73.906%	4.333	21.260	20.190	0.000	344.200	24770.000	24660.000
3	07:34:55	74.006%	4.410	21.100	20.440	0.000	333.100	24100.000	23990.000
x		75.311%	4.609	20.740	20.350	0.000	338.000	24520.000	24410.000
σ		2.347%	0.412	0.762	0.140	0.000	5.642	366.200	362.300
%RSD		3.117	8.948	3.672	0.687	0.000	1.669	1.493	1.484

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:33:29	87540.000	6814.000	0.000	7289.000	9661.000	9376.000	78.416%	1066.000
2	07:34:12	87710.000	6770.000	0.000	7387.000	9552.000	9302.000	73.507%	1069.000
3	07:34:55	85440.000	6635.000	0.000	7304.000	10190.000	9329.000	72.472%	1059.000
x		86890.000	6739.000	0.000	7327.000	9803.000	9335.000	74.798%	1065.000
σ		1265.000	93.310	0.000	52.900	343.900	37.460	3.176%	5.448
%RSD		1.456	1.385	0.000	0.722	3.509	0.401	4.246	0.512

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:33:29	154.000	122.400	3127.000	204300.000	205700.000	86.520	235.000	180.500
2	07:34:12	153.200	120.400	3127.000	202100.000	206400.000	85.340	228.000	177.800
3	07:34:55	151.700	122.400	3123.000	203700.000	206900.000	85.390	226.200	176.700
x		153.000	121.700	3125.000	203300.000	206300.000	85.750	229.700	178.300
σ		1.159	1.179	2.410	1145.000	598.200	0.667	4.622	1.923
%RSD		0.758	0.969	0.077	0.563	0.290	0.778	2.012	1.079

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:33:29	181.500	452.800	464.600	101.000	1.422	3.350	0.000	65.900
2	07:34:12	180.100	455.200	457.300	101.600	1.594	3.296	0.000	66.260
3	07:34:55	177.600	455.400	455.800	101.200	1.071	3.348	0.000	66.380
x		179.700	454.400	459.200	101.300	1.362	3.332	0.000	66.180
σ		1.947	1.445	4.677	0.277	0.266	0.031	0.000	0.251
%RSD		1.083	0.318	1.018	0.273	19.540	0.918	0.000	0.380

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:33:29	0.000	10.780	11.510	71.006%	0.255	0.127	1.739	1.474
2	07:34:12	0.000	10.780	11.810	67.408%	0.187	0.123	1.705	1.419
3	07:34:55	0.000	11.300	11.240	65.661%	0.219	0.116	1.697	1.407
x		0.000	10.950	11.520	68.025%	0.220	0.122	1.713	1.433
σ		0.000	0.303	0.285	2.726%	0.034	0.006	0.022	0.036
%RSD		0.000	2.769	2.474	4.007	15.390	4.770	1.303	2.497

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:33:29	72.293%	1.071	0.245	0.218	647.600	648.800	76.311%	75.641%
2	07:34:12	68.960%	0.974	0.301	0.308	642.400	641.400	74.962%	73.797%
3	07:34:55	68.392%	1.002	0.278	0.259	641.800	637.900	73.277%	73.231%
x		69.882%	1.016	0.275	0.262	643.900	642.700	74.850%	74.223%
σ		2.107%	0.050	0.028	0.045	3.170	5.553	1.520%	1.260%
%RSD		3.016	4.915	10.130	17.100	0.492	0.864	2.031	1.698

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	07:33:29	1.251	1.258	113.500	111.200	112.400	69.252%
2	07:34:12	1.187	1.243	115.200	112.500	113.700	66.855%
3	07:34:55	1.219	1.217	114.000	113.000	112.900	66.236%
x		1.219	1.239	114.200	112.200	113.000	67.448%
σ		0.032	0.021	0.887	0.951	0.682	1.593%
%RSD		2.598	1.700	0.776	0.848	0.603	2.361

CCV 801624 5/2/2013 7:41:00 AM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:41:43	79.733%	97.460	95.480	95.250	0.000	47870.000	48020.000	47480.000
2	07:42:26	81.036%	93.680	94.390	95.570	0.000	47540.000	47310.000	46690.000
3	07:43:09	79.563%	97.340	98.410	95.910	0.000	48030.000	47780.000	47010.000
x		80.111%	96.159%	96.092%	95.579%	0.000	95.629%	95.406%	94.116%
σ		0.806%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		1.006	2.231	2.162	0.342	0.000	0.519	0.761	0.852
Run	**Time**	**27Al**	**28Si**	**37Cl**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:41:43	511.100	5065.000	0.000	48170.000	47590.000	46130.000	77.459%	99.390
2	07:42:26	497.200	4900.000	0.000	47730.000	47660.000	45680.000	77.372%	100.800
3	07:43:09	503.900	4958.000	0.000	48310.000	48020.000	46550.000	75.659%	103.400
x		100.812%	99.485%	0.000	96.139%	95.509%	92.239%	76.830%	101.183%
σ		n/a	n/a	0.000	n/a	n/a	n/a	1.015%	n/a
%RSD		1.375	1.684	0.000	0.634	0.486	0.942	1.321	1.998
Run	**Time**	**51V**	**52Cr**	**55Mn**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**63Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:41:43	98.620	100.500	488.900	24740.000	24670.000	101.100	106.100	104.300
2	07:42:26	97.800	98.420	485.300	24330.000	24760.000	100.400	104.600	102.100
3	07:43:09	97.720	98.590	488.200	24640.000	25110.000	100.400	104.300	101.300
x		98.046%	99.166%	97.494%	98.283%	99.394%	100.647%	104.993%	102.542%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		0.510	1.153	0.395	0.868	0.944	0.377	0.898	1.514
Run	**Time**	**65Cu**	**66Zn**	**68Zn**	**75As**	**78Se**	**82Se**	**83Kr**	**88Sr**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:41:43	104.500	99.660	99.240	98.260	99.530	99.690	0.000	95.320
2	07:42:26	101.000	99.100	97.300	97.320	99.330	98.310	0.000	95.810
3	07:43:09	101.700	97.180	97.930	99.550	99.910	100.400	0.000	95.860
x		102.408%	98.646%	98.154%	98.377%	99.591%	99.476%	0.000	95.665%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		1.835	1.321	1.010	1.140	0.296	1.081	0.000	0.311
Run	**Time**	**89Y**	**95Mo**	**98Mo**	**103Rh**	**107Ag**	**109Ag**	**111Cd**	**114Cd**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:41:43	75.915%	99.220	99.640	73.547%	100.400	100.800	96.750	97.240
2	07:42:26	76.483%	99.200	101.400	73.655%	99.650	99.440	93.980	94.450
3	07:43:09	75.825%	101.100	102.900	73.234%	100.100	100.300	93.660	95.970
x		76.074%	99.848%	101.325%	73.479%	100.061%	100.180%	94.798%	95.888%
σ		0.357%	n/a	n/a	0.219%	n/a	n/a	n/a	n/a
%RSD		0.469	1.114	1.615	0.298	0.384	0.698	1.793	1.458
Run	**Time**	**115In**	**118Sn**	**121Sb**	**123Sb**	**135Ba**	**137Ba**	**159Tb**	**165Ho**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:41:43	73.156%	96.530	91.630	92.970	97.070	97.390	75.137%	75.463%
2	07:42:26	74.388%	96.100	92.710	92.330	94.700	96.120	75.703%	76.196%
3	07:43:09	73.664%	96.810	93.400	93.510	96.210	96.680	76.630%	76.897%
x		73.736%	96.479%	92.581%	92.940%	95.989%	96.731%	75.823%	76.185%
σ		0.619%	n/a	n/a	n/a	n/a	n/a	0.754%	0.717%
%RSD		0.840	0.372	0.967	0.635	1.250	0.654	0.994	0.941
Run	**Time**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	07:41:43	93.860	94.330	93.910	94.120	94.300	72.865%		
2	07:42:26	95.190	94.800	95.180	95.100	94.920	73.850%		
3	07:43:09	93.880	94.660	94.900	94.930	94.810	74.023%		
x		94.311%	94.596%	94.662%	94.717%	94.679%	73.579%		
σ		n/a	n/a	n/a	n/a	n/a	0.625%		
%RSD		0.809	0.254	0.704	0.551	0.348	0.849		

CCB8 5/2/2013 7:49:17 AM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:50:00	99.141%	0.026	-1.361	-2.235	0.000	15.470	17.750	17.070
2	07:50:43	98.662%	0.045	-1.660	-2.673	0.000	23.670	25.220	24.950
3	07:51:26	99.726%	0.035	-2.067	-2.795	0.000	20.010	21.410	21.310
x		99.176%	0.035	-1.696	-2.567	0.000	19.720	21.460	21.110
σ		0.533%	0.010	0.355	0.294	0.000	4.108	3.739	3.943
%RSD		0.537	27.580	20.910	11.470	0.000	20.830	17.430	18.680
Run	**Time**	**27Al**	**28Si**	**37Cl**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:50:00	5.789	-0.880	0.000	-12.600	21.580	13.330	105.414%	-0.525
2	07:50:43	8.128	0.214	0.000	-5.946	23.420	25.180	106.292%	-0.627
3	07:51:26	6.909	-0.230	0.000	-9.708	5.238	19.120	106.019%	-0.626
x		6.942	-0.299	0.000	-9.417	16.750	19.210	105.908%	-0.593
σ		1.170	0.550	0.000	3.336	10.010	5.923	0.449%	0.059
%RSD		16.850	184.100	0.000	35.420	59.760	30.830	0.424	9.867
Run	**Time**	**51V**	**52Cr**	**55Mn**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**63Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:50:00	0.023	0.035	0.551	13.860	14.250	0.049	0.027	0.036
2	07:50:43	0.028	0.034	0.819	21.690	24.700	0.058	0.058	0.053
3	07:51:26	0.026	0.038	0.680	18.380	20.060	0.044	0.066	0.008
x		0.026	0.036	0.683	17.980	19.670	0.050	0.050	0.032
σ		0.002	0.002	0.134	3.929	5.235	0.007	0.020	0.023
%RSD		9.349	4.874	19.620	21.850	26.620	13.510	40.930	69.750
Run	**Time**	**65Cu**	**66Zn**	**68Zn**	**75As**	**78Se**	**82Se**	**83Kr**	**88Sr**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:50:00	0.058	0.482	0.467	-0.011	-0.098	-0.199	0.000	0.058
2	07:50:43	0.016	0.013	0.006	-0.177	-0.117	-0.810	0.000	0.089
3	07:51:26	0.056	-0.028	0.028	-0.043	0.020	0.005	0.000	0.072
x		0.043	0.156	0.167	-0.077	-0.065	-0.335	0.000	0.073
σ		0.024	0.284	0.260	0.088	0.074	0.424	0.000	0.015
%RSD		54.620	182.400	155.900	114.300	114.500	126.700	0.000	20.950
Run	**Time**	**89Y**	**95Mo**	**98Mo**	**103Rh**	**107Ag**	**109Ag**	**111Cd**	**114Cd**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:50:00	87.014%	0.256	0.203	91.092%	0.028	0.012	-0.004	0.014
2	07:50:43	88.751%	0.212	0.178	92.490%	0.052	0.041	0.044	0.061
3	07:51:26	89.207%	0.196	0.189	93.273%	0.037	0.031	0.134	0.112
x		88.324%	0.221	0.190	92.285%	0.039	0.028	0.058	0.062
σ		1.157%	0.031	0.012	1.105%	0.012	0.015	0.070	0.049
%RSD		1.310	14.130	6.544	1.197	30.860	52.370	121.100	78.410
Run	**Time**	**115In**	**118Sn**	**121Sb**	**123Sb**	**135Ba**	**137Ba**	**159Tb**	**165Ho**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:50:00	80.373%	-0.155	0.083	0.078	0.113	0.132	78.864%	79.430%
2	07:50:43	81.753%	-0.089	0.062	0.049	0.201	0.167	80.343%	80.122%
3	07:51:26	81.530%	-0.184	0.058	0.068	0.159	0.142	81.357%	81.916%
x		81.219%	-0.142	0.068	0.065	0.157	0.147	80.188%	80.489%
σ		0.741%	0.049	0.013	0.014	0.044	0.018	1.254%	1.283%
%RSD		0.912	34.260	19.880	22.340	27.900	12.190	1.563	1.594
Run	**Time**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	07:50:00	0.021	0.021	0.043	0.041	0.045	84.576%		
2	07:50:43	0.059	0.045	0.065	0.083	0.066	85.270%		
3	07:51:26	0.043	0.039	0.056	0.067	0.066	87.061%		
x		0.041	0.035	0.055	0.064	0.059	85.636%		
σ		0.019	0.013	0.011	0.021	0.012	1.282%		
%RSD		46.890	35.530	19.910	32.870	20.200	1.498		

CRI 806392 5/2/2013 7:57:34 AM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:58:17	88.127%	0.983	4.587	2.953	0.000	106.800	103.800	100.200
2	07:59:00	85.536%	1.021	2.657	2.215	0.000	105.800	98.550	103.100
3	07:59:43	87.106%	0.972	3.406	2.305	0.000	106.000	99.730	99.790
x		86.923%	99.220%	71.007%	49.817%	0.000	106.216%	100.693%	101.027%
σ		1.305%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		1.501	2.604	27.410	16.160	0.000	0.483	2.731	1.764

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:58:17	35.530	509.900	0.000	79.310	106.800	107.500	81.696%	4.145
2	07:59:00	36.450	503.500	0.000	78.830	109.100	104.500	82.034%	4.563
3	07:59:43	36.400	498.500	0.000	77.400	94.830	104.200	80.768%	4.581
x		120.423%	100.796%	0.000	78.514%	103.563%	105.396%	81.499%	88.593%
σ		n/a	n/a	0.000	n/a	n/a	n/a	0.656%	n/a
%RSD		1.434	1.127	0.000	1.264	7.393	1.725	0.805	5.565

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:58:17	0.977	1.966	5.528	60.610	60.430	0.510	1.287	2.226
2	07:59:00	0.970	1.932	5.615	58.580	57.840	0.583	1.257	2.263
3	07:59:43	1.022	1.936	5.576	59.590	54.810	0.486	1.230	2.295
x		98.987%	97.234%	1114.541%	119.191%	115.383%	105.328%	125.790%	113.053%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		2.858	0.945	0.783	1.706	4.875	9.603	2.294	1.532

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:58:17	2.413	5.178	4.520	1.199	4.349	3.708	0.000	4.282
2	07:59:00	2.274	5.365	4.900	0.821	4.438	3.661	0.000	4.317
3	07:59:43	2.058	5.353	5.259	1.235	4.093	4.848	0.000	4.175
x		112.406%	105.974%	97.860%	108.482%	85.868%	81.449%	0.000	85.155%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		7.958	1.971	7.546	21.170	4.173	16.510	0.000	1.736

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:58:17	90.982%	4.263	4.231	83.129%	1.039	1.072	0.977	1.041
2	07:59:00	90.741%	4.362	4.624	83.679%	1.087	1.023	0.972	1.159
3	07:59:43	91.641%	4.730	4.582	83.545%	1.057	1.038	1.273	1.126
x		91.121%	89.034%	89.585%	83.451%	106.102%	104.451%	107.426%	110.866%
σ		0.465%	n/a	n/a	0.286%	n/a	n/a	n/a	n/a
%RSD		0.511	5.531	4.821	0.343	2.275	2.423	16.060	5.483

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:58:17	79.793%	4.397	1.952	1.836	9.574	9.506	78.149%	79.016%
2	07:59:00	81.029%	4.637	1.839	1.909	9.430	9.658	79.465%	79.746%
3	07:59:43	81.325%	4.502	1.845	1.905	9.404	10.010	81.129%	80.746%
x		80.715%	90.238%	93.921%	94.153%	94.693%	97.249%	79.581%	79.836%
σ		0.813%	n/a	n/a	n/a	n/a	n/a	1.493%	0.869%
%RSD		1.007	2.672	3.387	2.185	0.967	2.655	1.876	1.088

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	07:58:17	0.908	0.867	0.892	0.859	0.888	84.489%
2	07:59:00	0.926	0.880	0.877	0.890	0.876	85.087%
3	07:59:43	0.899	0.897	0.920	0.891	0.907	85.471%
x		91.098%	88.129%	89.631%	88.003%	89.041%	85.016%
σ		n/a	n/a	n/a	n/a	n/a	0.495%
%RSD		1.510	1.731	2.406	2.035	1.761	0.582

CRI 806392 5/2/2013 8:05:49 AM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:06:32	83.656%	1.135	3.608	3.484	0.000	107.900	108.400	102.200
2	08:07:15	85.081%	1.141	3.155	2.676	0.000	107.500	104.100	99.850
3	08:07:58	86.585%	1.045	2.224	2.444	0.000	107.000	104.700	104.300
x		85.107%	110.710%	59.914%	57.359%	0.000	107.465%	105.747%	102.128%
σ		1.465%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		1.721	4.878	23.560	19.030	0.000	0.412	2.172	2.179

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:06:32	36.220	513.800	0.000	78.840	94.120	110.000	81.551%	4.524
2	08:07:15	35.510	498.600	0.000	79.670	129.900	107.900	80.401%	4.757
3	08:07:58	36.590	501.300	0.000	80.070	121.600	108.000	80.512%	5.130
x		120.355%	100.908%	0.000	79.528%	115.212%	108.638%	80.821%	96.069%
σ		n/a	n/a	0.000	n/a	n/a	n/a	0.635%	n/a
%RSD		1.508	1.605	0.000	0.786	16.250	1.087	0.785	6.364

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:06:32	0.915	2.046	5.664	59.160	62.200	0.532	1.128	2.137
2	08:07:15	0.903	2.058	5.695	59.410	56.470	0.501	0.980	2.061
3	08:07:58	0.832	2.006	5.645	58.710	56.160	0.488	0.904	2.278
x		88.332%	101.843%	1133.578%	118.184%	116.550%	101.383%	100.400%	107.932%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		5.100	1.336	0.443	0.600	5.839	4.483	11.370	5.122

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:06:32	2.395	5.235	5.482	1.053	4.545	3.847	0.000	4.068
2	08:07:15	2.042	4.746	5.242	1.729	4.451	5.862	0.000	4.052
3	08:07:58	2.216	5.116	5.392	0.826	4.305	3.542	0.000	4.125
x		110.879%	100.650%	107.439%	120.282%	88.675%	88.343%	0.000	81.634%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		7.960	5.070	2.258	39.050	2.725	28.550	0.000	0.945

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:06:32	94.076%	3.939	4.091	83.473%	1.019	1.013	1.109	1.047
2	08:07:15	94.658%	4.299	4.536	83.803%	1.072	1.049	1.183	1.021
3	08:07:58	94.991%	4.331	4.332	82.953%	0.959	1.057	1.042	0.971
x		94.575%	83.791%	86.395%	83.410%	101.670%	103.938%	111.118%	101.267%
σ		0.463%	n/a	n/a	0.429%	n/a	n/a	n/a	n/a
%RSD		0.490	5.202	5.149	0.514	5.562	2.237	6.350	3.807

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:06:32	80.028%	4.638	1.797	1.798	9.619	9.952	79.011%	78.763%
2	08:07:15	80.008%	4.975	1.901	1.882	9.878	9.729	79.787%	80.439%
3	08:07:58	80.827%	4.483	1.911	1.860	9.065	9.278	80.647%	80.692%
x		80.288%	93.971%	93.495%	92.333%	95.209%	96.530%	79.815%	79.965%
σ		0.467%	n/a	n/a	n/a	n/a	n/a	0.819%	1.048%
%RSD		0.582	5.348	3.379	2.349	4.361	3.558	1.025	1.311

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	08:06:32	0.885	0.867	0.912	0.934	0.911	84.961%
2	08:07:15	0.906	0.887	0.906	0.922	0.896	85.597%
3	08:07:58	0.876	0.892	0.866	0.902	0.926	85.419%
x		88.875%	88.196%	89.461%	91.971%	91.125%	85.326%
σ		n/a	n/a	n/a	n/a	n/a	0.328%
%RSD		1.728	1.518	2.783	1.744	1.682	0.384

CCV 801624 5/2/2013 8:14:05 AM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:14:48	84.171%	98.470	89.740	92.780	0.000	47390.000	47470.000	47150.000
2	08:15:31	82.299%	96.570	92.460	95.010	0.000	47770.000	47550.000	46990.000
3	08:16:14	83.195%	98.040	95.780	93.660	0.000	47860.000	47260.000	47300.000
x		83.221%	97.695%	92.659%	93.816%	0.000	95.348%	94.854%	94.293%
σ		0.936%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		1.125	1.018	3.262	1.196	0.000	0.522	0.316	0.322

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:14:48	504.800	5102.000	0.000	49150.000	48780.000	46270.000	80.375%	100.800
2	08:15:31	496.100	5029.000	0.000	48650.000	48700.000	46410.000	79.288%	106.200
3	08:16:14	497.900	5043.000	0.000	48350.000	49260.000	46390.000	78.704%	102.200
x		99.918%	101.159%	0.000	97.436%	97.829%	92.713%	79.455%	103.076%
σ		n/a	n/a	0.000	n/a	n/a	n/a	0.848%	n/a
%RSD		0.917	0.763	0.000	0.829	0.624	0.165	1.067	2.724

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:14:48	101.100	101.000	487.800	24680.000	24920.000	101.800	106.800	104.600
2	08:15:31	100.900	101.000	487.800	24650.000	24940.000	101.400	105.700	104.600
3	08:16:14	100.300	99.240	490.900	24840.000	24870.000	101.100	103.100	102.900
x		100.755%	100.397%	97.764%	98.899%	99.648%	101.412%	105.224%	104.048%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		0.444	0.998	0.372	0.416	0.142	0.360	1.792	0.970

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:14:48	104.700	96.900	97.110	101.600	99.490	101.800	0.000	95.870
2	08:15:31	105.300	98.450	98.940	100.900	99.260	100.800	0.000	95.460
3	08:16:14	103.600	97.910	97.320	100.100	100.100	101.100	0.000	96.080
x		104.542%	97.753%	97.793%	100.884%	99.633%	101.202%	0.000	95.801%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		0.868	0.803	1.024	0.718	0.460	0.511	0.000	0.332

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:14:48	79.447%	99.870	100.600	77.080%	99.540	99.690	96.380	95.150
2	08:15:31	79.007%	101.500	103.200	76.190%	100.500	100.500	96.560	96.460
3	08:16:14	79.232%	102.600	103.900	76.191%	101.000	101.100	97.560	96.540
x		79.229%	101.312%	102.558%	76.487%	100.329%	100.459%	96.832%	96.051%
σ		0.220%	n/a	n/a	0.513%	n/a	n/a	n/a	n/a
%RSD		0.278	1.350	1.685	0.671	0.723	0.728	0.657	0.811

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:14:48	76.919%	95.270	92.650	93.460	96.450	96.040	77.308%	77.779%
2	08:15:31	76.454%	95.840	93.650	93.390	96.420	96.950	78.205%	78.184%
3	08:16:14	75.862%	96.920	94.810	95.260	96.570	97.660	78.247%	78.529%
x		76.412%	96.008%	93.701%	94.034%	96.477%	96.886%	77.920%	78.164%
σ		0.530%	n/a	n/a	n/a	n/a	n/a	0.531%	0.376%
%RSD		0.693	0.876	1.154	1.128	0.081	0.839	0.681	0.481

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	08:14:48	93.370	92.730	92.960	92.780	92.890	76.225%
2	08:15:31	93.150	93.820	93.620	93.850	93.920	76.258%
3	08:16:14	94.070	94.420	94.720	95.170	94.440	76.221%
x		93.530%	93.655%	93.766%	93.932%	93.750%	76.235%
σ		n/a	n/a	n/a	n/a	n/a	0.020%
%RSD		0.511	0.918	0.946	1.277	0.840	0.026

CCB9 5/2/2013 8:22:21 AM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

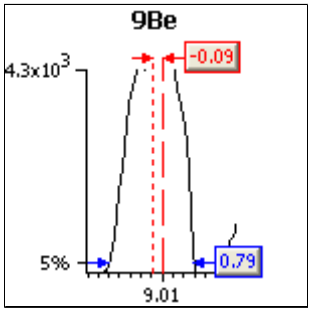
Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:23:04	103.572%	0.070	-1.855	-2.642	0.000	15.590	18.450	16.810
2	08:23:47	101.515%	0.044	-2.920	-2.925	0.000	18.040	21.510	19.790
3	08:24:30	100.938%	-0.003	-2.663	-2.867	0.000	16.300	17.070	18.190
x		102.008%	0.037	-2.479	-2.811	0.000	16.640	19.010	18.260
σ		1.385%	0.037	0.556	0.149	0.000	1.259	2.274	1.493
%RSD		1.357	101.100	22.420	5.310	0.000	7.567	11.960	8.175
Run	**Time**	**27Al**	**28Si**	**37Cl**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:23:04	4.743	-0.612	0.000	-12.580	13.050	17.320	107.833%	-0.801
2	08:23:47	5.434	-0.260	0.000	-9.908	13.000	19.950	108.332%	-0.490
3	08:24:30	4.754	-0.819	0.000	-12.610	14.890	17.600	108.974%	-0.731
x		4.977	-0.564	0.000	-11.700	13.640	18.290	108.380%	-0.674
σ		0.396	0.282	0.000	1.553	1.076	1.441	0.572%	0.163
%RSD		7.953	50.100	0.000	13.270	7.884	7.876	0.528	24.210
Run	**Time**	**51V**	**52Cr**	**55Mn**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**63Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:23:04	0.021	0.009	0.623	13.550	16.450	0.025	0.056	0.050
2	08:23:47	0.009	-0.002	0.740	14.670	17.140	0.035	0.094	0.046
3	08:24:30	0.013	0.001	0.618	12.170	14.000	0.042	0.063	0.017
x		0.014	0.003	0.660	13.460	15.870	0.034	0.071	0.038
σ		0.006	0.006	0.069	1.251	1.651	0.009	0.020	0.018
%RSD		43.330	214.400	10.450	9.295	10.410	24.990	28.680	47.270
Run	**Time**	**65Cu**	**66Zn**	**68Zn**	**75As**	**78Se**	**82Se**	**83Kr**	**88Sr**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:23:04	0.027	-0.085	0.144	-0.061	-0.166	-0.331	0.000	0.085
2	08:23:47	0.085	-0.015	0.096	-0.072	-0.190	-0.078	0.000	0.082
3	08:24:30	0.019	0.061	0.004	-0.319	-0.017	-1.087	0.000	0.073
x		0.043	-0.013	0.081	-0.150	-0.124	-0.499	0.000	0.080
σ		0.036	0.073	0.071	0.146	0.094	0.525	0.000	0.006
%RSD		82.500	569.000	87.500	96.960	75.550	105.200	0.000	7.664
Run	**Time**	**89Y**	**95Mo**	**98Mo**	**103Rh**	**107Ag**	**109Ag**	**111Cd**	**114Cd**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:23:04	90.653%	0.188	0.266	94.579%	0.038	0.038	0.173	0.145
2	08:23:47	91.038%	0.272	0.252	95.595%	0.029	0.037	0.088	0.091
3	08:24:30	91.622%	0.252	0.191	95.733%	0.024	0.016	0.117	0.109
x		91.104%	0.237	0.237	95.303%	0.031	0.031	0.126	0.115
σ		0.488%	0.044	0.040	0.630%	0.007	0.013	0.043	0.027
%RSD		0.536	18.580	16.880	0.661	22.910	40.920	34.280	23.870
Run	**Time**	**115In**	**118Sn**	**121Sb**	**123Sb**	**135Ba**	**137Ba**	**159Tb**	**165Ho**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:23:04	82.260%	-0.095	0.093	0.107	0.118	0.110	80.437%	80.480%
2	08:23:47	83.519%	-0.099	0.056	0.068	0.051	0.113	81.664%	81.859%
3	08:24:30	84.465%	-0.140	0.066	0.048	0.066	0.052	82.136%	82.471%
x		83.415%	-0.111	0.072	0.074	0.078	0.092	81.412%	81.603%
σ		1.106%	0.025	0.019	0.030	0.035	0.034	0.877%	1.020%
%RSD		1.326	22.370	27.100	40.750	44.770	37.350	1.077	1.250
Run	**Time**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	08:23:04	0.030	0.028	0.060	0.036	0.049	85.383%		
2	08:23:47	0.030	0.029	0.055	0.046	0.051	86.776%		
3	08:24:30	0.028	0.028	0.039	0.058	0.049	87.855%		
x		0.029	0.028	0.051	0.047	0.050	86.671%		
σ		0.001	0.001	0.011	0.011	0.001	1.239%		
%RSD		3.192	1.925	21.280	23.290	2.446	1.430		

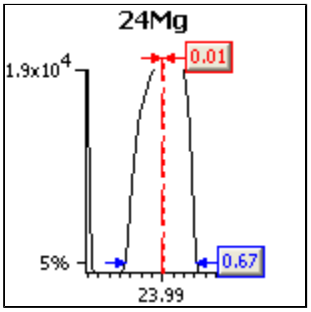
Performance Report

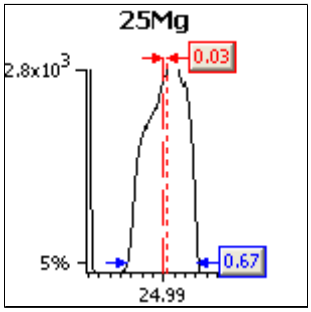
Sample details
Sample name : ITUNE
Acquired at : 5/1/2013 2:20:30 PM
Report name : EPA ILMO5.2/6020A 2.1 [3/15/2013 11:49:53 AM]

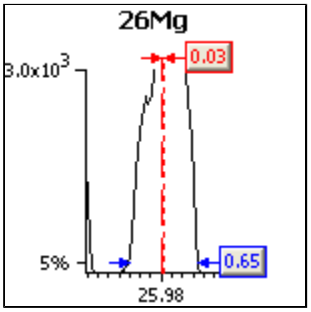
Mass Calibration verification

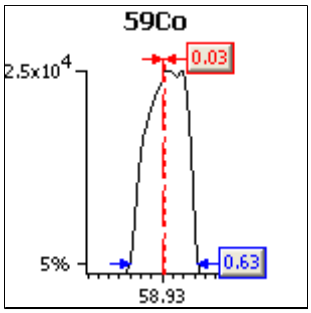
Acquisition parameters
Sweeps : 25
Dwell : 2.0 mSecs
Point spacing : 0.02 amu
Peak width measured at 5% of the peak maximum

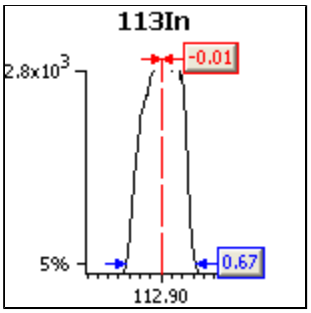


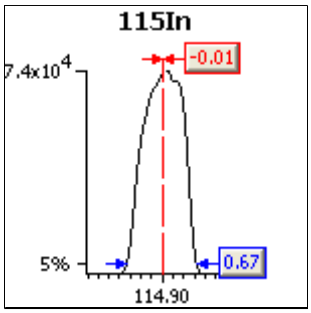


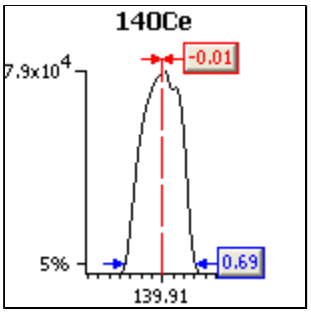


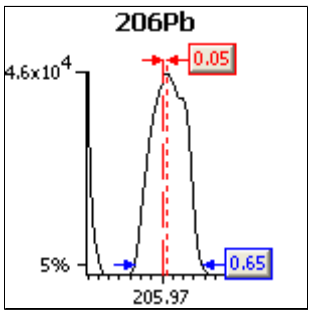


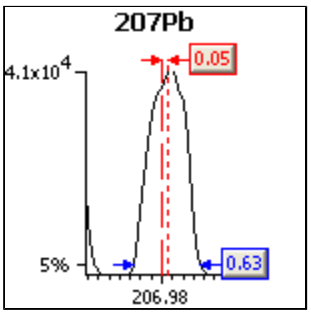


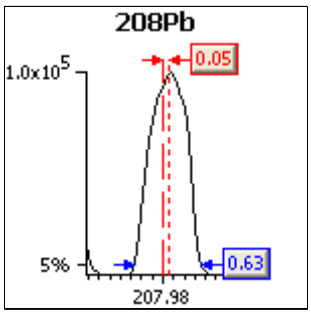












Analyte	Limits			Results	
	Max. width	Min. width	Max. error	Peak width	Peak error
9Be	0.90	0.45	0.10	0.79	-0.09
24Mg	0.90	0.45	0.10	0.67	0.01
25Mg	0.90	0.45	0.10	0.67	0.03
26Mg	0.90	0.45	0.10	0.65	0.03
59Co	0.90	0.45	0.10	0.63	0.03
113In	0.90	0.45	0.10	0.67	-0.01
115In	0.90	0.45	0.10	0.67	-0.01
140Ce	0.90	0.45	0.10	0.69	-0.01
206Pb	0.90	0.45	0.10	0.65	0.05
207Pb	0.90	0.45	0.10	0.63	0.05
208Pb	0.90	0.45	0.10	0.63	0.05

Sample details
Sample name : ITUNE
Acquired at : 5/1/2013 2:20:30 PM
Report name : EPA ILMO5.2/6020A 2.1 [3/15/2013 11:49:53 AM]

Tune conditions

Major	
Extraction	-176
Lens 1	1.2
Focus	22.0
D1	-40.0
Pole Bias	3.0
Hexapole Bias	-3.0
Nebuliser	0.87
Sampling Depth	150

Minor	
Lens 2	-24.3
Lens 3	-156.1
Forward power	1302
Horizontal	72
Vertical	539
D2	-160
DA	-80.0
Cool	18.0
Auxiliary	0.90

Global	
Standard resolution	n/a
High resolution	n/a
Analogue Detector	n/a
PC Detector	n/a

Add. Gases	
He/H2	0.00
He/NH3	0.00

Sensitivity and stability results

Acquisition parameters
Sweeps : 150

Run	Time	5Bkg	9Be	24Mg	25Mg	26Mg	56Ar O	59Co	137Ba++
Dwell (mSecs)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Limits	%RSD	-	5.0%	5.0%	5.0%	5.0%	-	5.0%	-
	Countrate	-	>500	>500	>500	>500	-	>5000	-
1	2:21:18 PM	0	4867	20332	2690	3107	55298	24072	1
2	2:22:43 PM	0	4774	19676	2499	2874	52682	23700	2
3	2:24:08 PM	0	4713	18829	2425	2918	50479	23615	0
4	2:25:33 PM	0	4757	18540	2423	2879	50053	24090	1
5	2:26:58 PM	0	4809	18785	2478	2919	49648	24159	1
x		0	4784	19233	2503	2939	51632	23927	1
σ		0.03	57.77	749.84	109.55	96.01	2361.30	250.17	0.73
%RSD		55.902	1.208	3.899	4.377	3.266	4.573	1.046	91.287

Run	Time	138Ba++	101Bkg	113In	115In	138Ba	140Ce	156Ce O	206Pb
Dwell (mSecs)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Limits	%RSD	-	-	5.0%	5.0%	-	5.0%	-	5.0%
	Countrate	-	-	>200	>5000	-	>10000	-	>500
1	2:21:18 PM	8	0	3195	76453	673	82359	1661	45196
2	2:22:43 PM	6	0	3194	76687	681	81929	1593	45838
3	2:24:08 PM	6	0	3233	76736	638	81861	1654	46020
4	2:25:33 PM	5	0	3266	76882	617	82698	1715	45927
5	2:26:58 PM	5	0	3183	76588	623	82347	1680	45009
x		6	0	3214	76669	647	82239	1661	45598
σ		1.18	0.09	34.43	160.95	29.29	345.01	44.65	461.87
%RSD		19.999	162.980	1.071	0.210	4.531	0.420	2.689	1.013

Run	Time	207Pb	208Pb	220Bkg
Dwell (mSecs)		0.0	0.0	0.0
Limits	%RSD	5.0%	5.0%	-
	Countrate	>500	>500	<2500
1	2:21:18 PM	41451	97740	0
2	2:22:43 PM	41887	99257	0
3	2:24:08 PM	42308	99298	0
4	2:25:33 PM	42212	99216	0
5	2:26:58 PM	41438	98127	0
x		41859	98728	0
σ		409.25	738.15	0.06
%RSD		0.978	0.748	149.071

Ratio results

Run	Time	156Ce O/140Ce
Ratio limits		<0.0500
1	2:21:18 PM	0
2	2:22:43 PM	0

3	2:24:08 PM	0
4	2:25:33 PM	0
5	2:26:58 PM	0
x		0.0202
σ		0.00
%RSD		2.3573

Result : The performance report passed.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Batch Number: 80775 Batch Start Date: 04/05/13 15:45 Batch Analyst: Girard, Susan

Batch Method: 7470A Batch End Date: 04/05/13 17:45

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MTH2S04 00012	MTHGCALW 00348	MTHNO3 00045	MTK2S208RGNT 00037
MB 240-80775/1		7470A, 7470A/DOD		100 mL	100 mL	5 mL		2.5 mL	8 mL
LCS 240-80775/2		7470A, 7470A/DOD		100 mL	100 mL	5 mL	5 mL	2.5 mL	8 mL
240-22648-B-15	073SW-0056-0001M ,0002-SW	7470A, 7470A/DOD	T	100 mL	100 mL	5 mL		2.5 mL	8 mL
240-22648-B-15 DU	073SW-0056-0001M ,0002-SW	7470A, 7470A/DOD	T	100 mL	100 mL	5 mL		2.5 mL	8 mL
240-22648-B-15 MS	073SW-0056-0001M ,0002-SW	7470A, 7470A/DOD	T	100 mL	100 mL	5 mL	1 mL	2.5 mL	8 mL
240-22648-B-16	073SW-0058-0001-SW	7470A, 7470A/DOD	T	100 mL	100 mL	5 mL		2.5 mL	8 mL
240-22648-B-17	073SW-0059-0001-SW	7470A, 7470A/DOD	T	100 mL	100 mL	5 mL		2.5 mL	8 mL
240-22648-E-18	073SW-0061-0001-SW	7470A, 7470A/DOD	T	100 mL	100 mL	5 mL		2.5 mL	8 mL
240-22648-B-21	073SW-0067-0001-SW	7470A, 7470A/DOD	T	100 mL	100 mL	5 mL		2.5 mL	8 mL

Lab Sample ID	Client Sample ID	Method Chain	Basis	MTKMN04W 00040					
MB 240-80775/1		7470A, 7470A/DOD		15 mL					
LCS 240-80775/2		7470A, 7470A/DOD		15 mL					
240-22648-B-15	073SW-0056-0001M ,0002-SW	7470A, 7470A/DOD	T	15 mL					
240-22648-B-15 DU	073SW-0056-0001M ,0002-SW	7470A, 7470A/DOD	T	15 mL					
240-22648-B-15 MS	073SW-0056-0001M ,0002-SW	7470A, 7470A/DOD	T	15 mL					
240-22648-B-16	073SW-0058-0001-SW	7470A, 7470A/DOD	T	15 mL					
240-22648-B-17	073SW-0059-0001-SW	7470A, 7470A/DOD	T	15 mL					
240-22648-E-18	073SW-0061-0001-SW	7470A, 7470A/DOD	T	15 mL					
240-22648-B-21	073SW-0067-0001-SW	7470A, 7470A/DOD	T	15 mL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Batch Number: 80775 Batch Start Date: 04/05/13 15:45 Batch Analyst: Girard, Susan

Batch Method: 7470A Batch End Date: 04/05/13 17:45

Batch Notes	
Pipette ID	383364-383366
Digestion Tube/Cup Lot #	122612

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Batch Number: 80949 Batch Start Date: 04/08/13 09:20 Batch Analyst: Sutherland, Aaron

Batch Method: 7470A Batch End Date: 04/08/13 11:20

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MTH2S04 00012	MTHGCALW 00349	MTHgStd 00009	MTHNO3 00045
ICV 240-80949/7		7470A, 7470A/DOD		100 mL	100 mL	5 mL		0.25 mL	2.5 mL
ICB 240-80949/8		7470A, 7470A/DOD		100 mL	100 mL	5 mL			2.5 mL
CRA 240-80949/9		7470A, 7470A/DOD		100 mL	100 mL	5 mL	0.2 mL		2.5 mL
CCVL 240-80949/10		7470A, 7470A/DOD		100 mL	100 mL	5 mL	5 mL		2.5 mL
CCB 240-80949/11		7470A, 7470A/DOD		100 mL	100 mL	5 mL			2.5 mL
CCV 240-80949/12		7470A, 7470A/DOD		100 mL	100 mL	5 mL	5 mL		2.5 mL

Lab Sample ID	Client Sample ID	Method Chain	Basis	MTK2S208RGNT 00037	MTKMN04W 00040				
ICV 240-80949/7		7470A, 7470A/DOD		8 mL	15 mL				
ICB 240-80949/8		7470A, 7470A/DOD		8 mL	15 mL				
CRA 240-80949/9		7470A, 7470A/DOD		8 mL	15 mL				
CCVL 240-80949/10		7470A, 7470A/DOD		8 mL	15 mL				
CCB 240-80949/11		7470A, 7470A/DOD		8 mL	15 mL				
CCV 240-80949/12		7470A, 7470A/DOD		8 mL	15 mL				

Batch Notes	
Pipette ID	383366-383364
Digestion Tube/Cup Lot #	122612

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Batch Number: 80952 Batch Start Date: 04/08/13 09:35 Batch Analyst: Sutherland, Aaron

Batch Method: 7471A Batch End Date: 04/08/13 10:05

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MTAQUAREGIA 00488	MTHGCALW 00349	MTHgStd 00009	MTKMN04W 00040
ICV 240-80952/7		7471A, 7471/DOD		100 mL	100 mL	5 mL		0.25 mL	15 mL
ICB 240-80952/8		7471A, 7471/DOD		100 mL	100 mL	5 mL			15 mL
CRA 240-80952/9		7471A, 7471/DOD		100 mL	100 mL	5 mL	0.2 mL		15 mL
CCV 240-80952/10		7471A, 7471/DOD		100 mL	100 mL	5 mL	5 mL		15 mL
CCB 240-80952/11		7471A, 7471/DOD		100 mL	100 mL	5 mL			15 mL

Batch Notes	
Pipette ID	383366-383364
Digestion Tube/Cup Lot #	122612

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Batch Number: 81005 Batch Start Date: 04/08/13 14:45 Batch Analyst: Elshaw, Dale

Batch Method: 7471A Batch End Date: 04/08/13 15:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MTAQUAREGIA 00488	MTHGCALW 00349	MTKMN04W 00040	
MB 240-81005/1		7471A, 7471/DOD		0.60 g	100 mL	5 mL		15 mL	
LCS 240-81005/2		7471A, 7471/DOD		0.60 g	100 mL	5 mL	5 mL	15 mL	
240-22648-C-1-A	073SB-0016M-0001-SO	7471A, 7471/DOD	T	0.55 g	100 mL	5 mL		15 mL	
240-22648-C-2-A	073SB-0017M-0001-SO	7471A, 7471/DOD	T	0.54 g	100 mL	5 mL		15 mL	
240-22648-C-3-A	073SB-0019M-0001-SO	7471A, 7471/DOD	T	0.60 g	100 mL	5 mL		15 mL	
240-22648-C-4-A	073SB-0020M-0001-SO	7471A, 7471/DOD	T	0.67 g	100 mL	5 mL		15 mL	
240-22648-C-5-A	073SB-0021M-0001-SO	7471A, 7471/DOD	T	0.59 g	100 mL	5 mL		15 mL	
240-22648-C-6-A	073SB-0022M-0001-SO	7471A, 7471/DOD	T	0.65 g	100 mL	5 mL		15 mL	
240-22648-C-7-A	073SB-0023M-0001-SO	7471A, 7471/DOD	T	0.56 g	100 mL	5 mL		15 mL	
240-22648-C-8-A	073SB-0024M-0001-SO	7471A, 7471/DOD	T	0.67 g	100 mL	5 mL		15 mL	

Batch Notes	
Balance ID	b039
Blank Soil Lot Number	g228-2i025
Pipette ID	383364-383366-383389
Digestion Tube/Cup Lot #	122612

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Batch Number: 81137 Batch Start Date: 04/09/13 14:40 Batch Analyst: Elshaw, Dale

Batch Method: 7471A Batch End Date: 04/09/13 15:10

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MTAQUAREGIA 00489	MTHGCALW 00350	MTKMN04W 00042	AnalysisComment
MB 240-81137/1		7471A, 7471/DOD		0.60 g	100 mL	5 mL		15 mL	
LCS 240-81137/2		7471A, 7471/DOD		0.60 g	100 mL	5 mL	5 mL	15 mL	
240-22648-E-10	073SD-0045-0001, 0002-SO	7471A, 7471/DOD	T	0.55 g	100 mL	5 mL		15 mL	Sample had tiny roots in it
240-22648-E-10 DU	073SD-0045-0001, 0002-SO	7471A, 7471/DOD	T	0.55 g	100 mL	5 mL		15 mL	Sample had tiny roots in it
240-22648-E-10 MS	073SD-0045-0001, 0002-SO	7471A, 7471/DOD	T	0.55 g	100 mL	5 mL	1 mL	15 mL	Sample had tiny roots in it
240-22648-D-27-A	079SB-0061M-0001 ,0002-SO	7471A, 7471/DOD	T	0.57 g	100 mL	5 mL		15 mL	
240-22648-D-27-D DU	079SB-0061M-0001 ,0002-SO	7471A, 7471/DOD	T	0.57 g	100 mL	5 mL		15 mL	
240-22648-D-27-B MS	079SB-0061M-0001 ,0002-SO	7471A, 7471/DOD	T	0.57 g	100 mL	5 mL	1 mL	15 mL	
240-22648-C-9	073SB-0067-0001-SO	7471A, 7471/DOD	T	0.57 g	100 mL	5 mL		15 mL	
240-22648-C-11	073SD-0047-0001-SO	7471A, 7471/DOD	T	0.63 g	100 mL	5 mL		15 mL	
240-22648-C-12	073SD-0048-0001-SO	7471A, 7471/DOD	T	0.57 g	100 mL	5 mL		15 mL	
240-22648-G-13	073SD-0050-0001-SO	7471A, 7471/DOD	T	0.58 g	100 mL	5 mL		15 mL	
240-22648-C-14	073SD-0046-0001-SO	7471A, 7471/DOD	T	0.55 g	100 mL	5 mL		15 mL	
240-22648-C-22-A	079SB-0055M-0001 -SO	7471A, 7471/DOD	T	0.63 g	100 mL	5 mL		15 mL	
240-22648-C-23-A	079SB-0057M-0001 -SO	7471A, 7471/DOD	T	0.59 g	100 mL	5 mL		15 mL	
240-22648-C-24-A	079SB-0058M-0001 -SO	7471A, 7471/DOD	T	0.63 g	100 mL	5 mL		15 mL	
240-22648-C-25-A	079SB-0059M-0001 -SO	7471A, 7471/DOD	T	0.58 g	100 mL	5 mL		15 mL	
240-22648-C-26-A	079SB-0060M-0001 -SO	7471A, 7471/DOD	T	0.55 g	100 mL	5 mL		15 mL	
240-22648-C-28-A	079SB-0062M-0001 -SO	7471A, 7471/DOD	T	0.56 g	100 mL	5 mL		15 mL	
240-22648-G-29-A	079SB-0063M-0001 -SO	7471A, 7471/DOD	T	0.53 g	100 mL	5 mL		15 mL	
240-22648-G-30-A	079SB-0064M-0001 -SO	7471A, 7471/DOD	T	0.65 g	100 mL	5 mL		15 mL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Batch Number: 81137 Batch Start Date: 04/09/13 14:40 Batch Analyst: Elshaw, Dale

Batch Method: 7471A Batch End Date: 04/09/13 15:10

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MTAQUAREGIA 00489	MTHGCALW 00350	MTKMN04W 00042	AnalysisComment
240-22648-C-31	079SB-0075-0001-SO	7471A, 7471/DOD	T	0.59 g	100 mL	5 mL		15 mL	
240-22648-C-32-A	079SB-0065M-0001-SO	7471A, 7471/DOD	T	0.65 g	100 mL	5 mL		15 mL	
240-22648-C-33-A	079SB-0066M-0001-SO	7471A, 7471/DOD	T	0.63 g	100 mL	5 mL		15 mL	
240-22648-C-34-A	079SB-0067M-0001-SO	7471A, 7471/DOD	T	0.55 g	100 mL	5 mL		15 mL	
240-22648-C-35-A	079SB-0068M-0001-SO	7471A, 7471/DOD	T	0.58 g	100 mL	5 mL		15 mL	

Batch Notes	
Balance ID	b039
Blank Soil Lot Number	g228-2i025
Pipette ID	383364-383366-383389
Digestion Tube/Cup Lot #	122612

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Batch Number: 81154 Batch Start Date: 04/09/13 14:40 Batch Analyst: Elshaw, Dale

Batch Method: 7471A Batch End Date: 04/09/13 15:10

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MTAQUAREGIA 00489	MTHGCALW 00350	MTKMN04W 00042	
MB 240-81154/1		7471A, 7471/DOD		0.60 g	100 mL	5 mL		15 mL	
LCS 240-81154/2		7471A, 7471/DOD		0.60 g	100 mL	5 mL	5 mL	15 mL	
240-22648-E-37-A	079SB-0070M-0001,0002-SO	7471A, 7471/DOD	T	0.60 g	100 mL	5 mL		15 mL	
240-22648-E-37-D DU	079SB-0070M-0001,0002-SO	7471A, 7471/DOD	T	0.60 g	100 mL	5 mL		15 mL	
240-22648-E-37-B MS	079SB-0070M-0001,0002-SO	7471A, 7471/DOD	T	0.60 g	100 mL	5 mL	1 mL	15 mL	
240-22648-F-39-A	079SB-0072M-0001,0002-SO	7471A, 7471/DOD	T	0.68 g	100 mL	5 mL		15 mL	
240-22648-F-39-D DU	079SB-0072M-0001,0002-SO	7471A, 7471/DOD	T	0.68 g	100 mL	5 mL		15 mL	
240-22648-F-39-B MS	079SB-0072M-0001,0002-SO	7471A, 7471/DOD	T	0.68 g	100 mL	5 mL	1 mL	15 mL	
240-22648-G-36-A	079SB-0069M-0001-SO	7471A, 7471/DOD	T	0.51 g	100 mL	5 mL		15 mL	
240-22648-G-38-A	079SB-0071M-0001-SO	7471A, 7471/DOD	T	0.61 g	100 mL	5 mL		15 mL	
240-22648-G-40-A	079SB-0074M-0001-SO	7471A, 7471/DOD	T	0.63 g	100 mL	5 mL		15 mL	
240-22648-C-41-A	068SB-0044M-0001-SO	7471A, 7471/DOD	T	0.58 g	100 mL	5 mL		15 mL	
240-22648-C-42-A	068SB-0045M-0001-SO	7471A, 7471/DOD	T	0.62 g	100 mL	5 mL		15 mL	
240-22648-G-43-A	068SB-0046M-0001-SO	7471A, 7471/DOD	T	0.57 g	100 mL	5 mL		15 mL	
240-22648-C-44-A	068SB-0047M-0001-SO	7471A, 7471/DOD	T	0.53 g	100 mL	5 mL		15 mL	
240-22648-C-45-A	068SB-0048M-0001-SO	7471A, 7471/DOD	T	0.59 g	100 mL	5 mL		15 mL	
240-22648-C-46-A	068SB-0033M-0001-SO	7471A, 7471/DOD	T	0.60 g	100 mL	5 mL		15 mL	
240-22648-C-47-A	068SB-0034M-0001-SO	7471A, 7471/DOD	T	0.60 g	100 mL	5 mL		15 mL	
240-22648-C-48-A	068SB-0035M-0001-SO	7471A, 7471/DOD	T	0.55 g	100 mL	5 mL		15 mL	
240-22648-C-49-A	068SB-0038M-0001-SO	7471A, 7471/DOD	T	0.65 g	100 mL	5 mL		15 mL	
240-22648-C-50-A	068SB-0036M-0001-SO	7471A, 7471/DOD	T	0.58 g	100 mL	5 mL		15 mL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Batch Number: 81154 Batch Start Date: 04/09/13 14:40 Batch Analyst: Elshaw, Dale

Batch Method: 7471A Batch End Date: 04/09/13 15:10

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MTAQUAREGIA 00489	MTHGCALW 00350	MTKMN04W 00042	
240-22648-C-51-A	068SB-0039M-0001-SO	7471A, 7471/DOD	T	0.59 g	100 mL	5 mL		15 mL	
240-22648-C-52-A	068SB-0040M-0001-SO	7471A, 7471/DOD	T	0.62 g	100 mL	5 mL		15 mL	
240-22648-G-53-A	068SB-0041M-0001-SO	7471A, 7471/DOD	T	0.61 g	100 mL	5 mL		15 mL	
240-22648-C-54-A	068SB-0042M-0001-SO	7471A, 7471/DOD	T	0.54 g	100 mL	5 mL		15 mL	
240-22648-C-55-A	068SB-0050M-0001-SO	7471A, 7471/DOD	T	0.60 g	100 mL	5 mL		15 mL	

Batch Notes	
Balance ID	b039
Blank Soil Lot Number	g228-2i025
Pipette ID	383364-383366-383389
Digestion Tube/Cup Lot #	122612

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Batch Number: 81357 Batch Start Date: 04/10/13 14:15 Batch Analyst: Elshaw, Dale

Batch Method: 7471A Batch End Date: 04/10/13 14:45

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MTAQUAREGIA 00490	MTHGCALW 00351	MTKMN04W 00042	
MB 240-81357/1		7471A, 7471/DOD		0.60 g	100 mL	5 mL		15 mL	
LCS 240-81357/2		7471A, 7471/DOD		0.60 g	100 mL	5 mL	5 mL	15 mL	
240-22648-C-56-A	068SB-0051M-0001-SO	7471A, 7471/DOD	T	0.53 g	100 mL	5 mL		15 mL	
240-22648-C-57-A	068SB-0052M-0001-SO	7471A, 7471/DOD	T	0.66 g	100 mL	5 mL		15 mL	
240-22648-C-58-A	068SB-0053M-0001-SO	7471A, 7471/DOD	T	0.59 g	100 mL	5 mL		15 mL	
240-22648-C-59-A	068SB-0054M-0001-SO	7471A, 7471/DOD	T	0.70 g	100 mL	5 mL		15 mL	
240-22648-C-60-A	068SB-0056M-0001-SO	7471A, 7471/DOD	T	0.63 g	100 mL	5 mL		15 mL	
240-22648-C-61-A	068SB-0057M-0001-SO	7471A, 7471/DOD	T	0.62 g	100 mL	5 mL		15 mL	
240-22648-C-62-A	068SB-0059M-0001-SO	7471A, 7471/DOD	T	0.54 g	100 mL	5 mL		15 mL	

Batch Notes	
Balance ID	b039
Blank Soil Lot Number	g228-2i025
Pipette ID	383364-383366-383389
Digestion Tube/Cup Lot #	122612

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Batch Number: 81478 Batch Start Date: 04/11/13 09:05 Batch Analyst: Sutherland, Aaron

Batch Method: 7471A Batch End Date: 04/11/13 09:35

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MTAQUAREGIA 00491	MTHGCALW 00352	MTHgStd 00009	MTKMN04W 00042
ICV 240-81478/7		7471A, 7471/DOD		100 mL	100 mL	5 mL		0.25 mL	15 mL
ICB 240-81478/8		7471A, 7471/DOD		100 mL	100 mL	5 mL			15 mL
CRA 240-81478/9		7471A, 7471/DOD		100 mL	100 mL	5 mL	0.2 mL		15 mL
CCV 240-81478/10		7471A, 7471/DOD		100 mL	100 mL	5 mL	5 mL		15 mL
CCB 240-81478/11		7471A, 7471/DOD		100 mL	100 mL	5 mL			15 mL

Batch Notes	
Pipette ID	383366-383364
Digestion Tube/Cup Lot #	122612

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Batch Number: 68743 Batch Start Date: 04/10/13 07:45 Batch Analyst: Ferguson, Caitlin N

Batch Method: 3005A Batch End Date: 04/10/13 11:45

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MTAPITTICPMS 00014	MTAPITTMSA 00014	MTAPITTMSC 00020	
MB 180-68743/1		3005A, 6020/DOD		50 mL	50 mL				
LCS 180-68743/2		3005A, 6020/DOD		50 mL	50 mL	0.5 mL	0.5 mL	0.5 mL	
240-22648-A-15	073SW-0056-0001M ,0002-SW	3005A, 6020/DOD	R	50 mL	50 mL				
240-22648-A-15 DU	073SW-0056-0001M ,0002-SW	3005A, 6020/DOD	R	50 mL	50 mL				
240-22648-A-15 MS	073SW-0056-0001M ,0002-SW	3005A, 6020/DOD	R	50 mL	50 mL	0.5 mL	0.5 mL	0.5 mL	
240-22648-A-16	073SW-0058-0001-SW	3005A, 6020/DOD	R	50 mL	50 mL				
240-22648-A-17	073SW-0059-0001-SW	3005A, 6020/DOD	R	50 mL	50 mL				
240-22648-D-18	073SW-0061-0001-SW	3005A, 6020/DOD	R	50 mL	50 mL				
240-22648-A-21	073SW-0067-0001-SW	3005A, 6020/DOD	R	50 mL	50 mL				

Batch Notes	
Batch Comment	METALS A3
First End time	11:45
Lot # of hydrochloric acid	2.5mL 755211
Lot # of Nitric Acid	1.0mL 786209
Hot Block ID number	#3
Oven, Bath or Block Temperature 1	94.5
Pipette ID	J1201611U
Person who witnessed spiking	CNF
First Start time	07:45
ID number of the thermometer	IP2 (-0.5) B6
Digestion Tube/Cup Lot #	MH21KK06
Uncorrected Temperature	95 Celsius

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Batch Number: 68743 Batch Start Date: 04/10/13 07:45 Batch Analyst: Ferguson, Caitlin N

Batch Method: 3005A Batch End Date: 04/10/13 11:45

Basis	Basis Description
R	Total Recoverable

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Batch Number: 68756 Batch Start Date: 04/10/13 10:00 Batch Analyst: Haluck, Caitlyn

Batch Method: 3050B Batch End Date: 04/10/13 12:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg	InitialAmount	FinalAmount	MTAPITTICPMS 00014	MTAPITTMSA 00014	MTAPITTMSC 00020
MB 180-68756/1		3050B, 6020/DOD		NO %SOLIDS FOUND	00001.13 g	100 mL			
LCS 180-68756/2		3050B, 6020/DOD		NO %SOLIDS FOUND	00001.03 g	100 mL	1 mL	1 mL	1 mL
240-22648-B-1	073SB-0016M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.00 g	100 mL			
240-22648-B-2	073SB-0017M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.01 g	100 mL			
240-22648-B-3	073SB-0019M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.02 g	100 mL			
240-22648-B-4	073SB-0020M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.01 g	100 mL			
240-22648-B-5	073SB-0021M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.02 g	100 mL			
240-22648-B-6	073SB-0022M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.05 g	100 mL			
240-22648-B-7	073SB-0023M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.01 g	100 mL			
240-22648-B-8	073SB-0024M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.05 g	100 mL			
240-22648-B-9	073SB-0067-0001-SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.03 g	100 mL			
240-22648-C-10	073SD-0045-0001, 0002-SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.05 g	100 mL			
240-22648-A-10 DU	073SD-0045-0001, 0002-SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.02 g	100 mL			
240-22648-A-10 MS	073SD-0045-0001, 0002-SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.04 g	100 mL	1 mL	1 mL	1 mL
240-22648-B-11	073SD-0047-0001-SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.00 g	100 mL			
240-22648-B-12	073SD-0048-0001-SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.01 g	100 mL			
240-22648-E-13	073SD-0050-0001-SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.00 g	100 mL			
240-22648-B-14	073SD-0046-0001-SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.03 g	100 mL			
240-22648-B-22	079SB-0055M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.03 g	100 mL			
240-22648-B-23	079SB-0057M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.04 g	100 mL			
240-22648-B-24	079SB-0058M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.02 g	100 mL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Batch Number: 68756 Batch Start Date: 04/10/13 10:00 Batch Analyst: Haluck, Caitlyn

Batch Method: 3050B Batch End Date: 04/10/13 12:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg	InitialAmount	FinalAmount	MTAPITTICPMS 00014	MTAPITTMSA 00014	MTAPITTMSC 00020
240-22648-B-25	079SB-0059M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.04 g	100 mL			
240-22648-B-26	079SB-0060M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.04 g	100 mL			

Batch Notes	
Analyst	CH
Balance ID	P1856710
Batch Comment	METALS A4
Blank Soil Lot Number	783730
First End time	1200
Filter Paper Lot Number	6326666B
Hydrogen peroxide lot number	10ML 781343
Logbook ID for diluted Nitric	10ML 785050
Lot # of Nitric Acid	5ML 786210
Hot Block ID number	#10
Nominal Amount Used	1.0 g
Oven, Bath or Block Temperature 1	96 Degrees C
Pipette ID	L1201611U
Perform Calculation (0=No, 1=Yes)	1
First Start time	1000
Temperature	96 Degrees C
ID number of the thermometer	IP9 (0.0) C4
Digestion Tube/Cup Lot #	MH21KK06
Uncorrected Temperature	96 Celsius

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Batch Number: 68762 Batch Start Date: 04/10/13 10:15 Batch Analyst: Haluck, Caitlyn

Batch Method: 3050B Batch End Date: 04/10/13 12:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg	InitialAmount	FinalAmount	MTAPITTICPMS 00014	MTAPITTMSA 00014	MTAPITTMSC 00020
MB 180-68762/1		3050B, 6020/DOD		NO %SOLIDS FOUND	00001.11 g	100 mL			
LCS 180-68762/2		3050B, 6020/DOD		NO %SOLIDS FOUND	00001.03 g	100 mL	1 mL	1 mL	1 mL
240-22648-C-27	079SB-0061M-0001 ,0002-SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.04 g	100 mL			
240-22648-A-27 DU	079SB-0061M-0001 ,0002-SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.04 g	100 mL			
240-22648-A-27 MS	079SB-0061M-0001 ,0002-SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.03 g	100 mL	1 mL	1 mL	1 mL
240-22648-B-28	079SB-0062M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.05 g	100 mL			
240-22648-E-29	079SB-0063M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.00 g	100 mL			
240-22648-E-30	079SB-0064M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.00 g	100 mL			
240-22648-B-31	079SB-0075-0001-SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.03 g	100 mL			
240-22648-B-32	079SB-0065M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.05 g	100 mL			
240-22648-B-33	079SB-0066M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.00 g	100 mL			
240-22648-B-34	079SB-0067M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.02 g	100 mL			
240-22648-B-35	079SB-0068M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.01 g	100 mL			
240-22648-E-36	079SB-0069M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.04 g	100 mL			
240-22648-C-37	079SB-0070M-0001 ,0002-SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.02 g	100 mL			
240-22648-A-37 DU	079SB-0070M-0001 ,0002-SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.03 g	100 mL			
240-22648-A-37 MS	079SB-0070M-0001 ,0002-SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.01 g	100 mL	1 mL	1 mL	1 mL

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Batch Number: 68762 Batch Start Date: 04/10/13 10:15 Batch Analyst: Haluck, Caitlyn

Batch Method: 3050B Batch End Date: 04/10/13 12:15

Batch Notes	
Analyst	CH
Balance ID	P1856710
Batch Comment	METALS A4
Blank Soil Lot Number	783730
First End time	1215
Filter Paper Lot Number	6326666B
Hydrogen peroxide lot number	10ML 781343
Logbook ID for diluted Nitric	10ML 785050
Lot # of Nitric Acid	5ML 786210
Hot Block ID number	#9
Nominal Amount Used	1.0 g
Oven, Bath or Block Temperature 1	94 Degrees C
Pipette ID	L1201611U
Perform Calculation (0=No, 1=Yes)	1
First Start time	1015
Temperature	94 Degrees C
ID number of the thermometer	IP8 (0.0) B5
Digestion Tube/Cup Lot #	MH21KK06
Uncorrected Temperature	94 Celsius

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Batch Number: 68853 Batch Start Date: 04/11/13 08:25 Batch Analyst: Ferguson, Caitlin N

Batch Method: 3050B Batch End Date: 04/11/13 12:25

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg	InitialAmount	FinalAmount	MTAPITTICPMS 00014	MTAPITTMSA 00014	MTAPITTMSC 00020
MB 180-68853/1		3050B, 6020/DOD		NO %SOLIDS FOUND	00001.15 g	100 mL			
LCS 180-68853/2		3050B, 6020/DOD		NO %SOLIDS FOUND	00001.03 g	100 mL	1 mL	1 mL	1 mL
240-22648-E-38	079SB-0071M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.14 g	100 mL			
240-22648-C-39	079SB-0072M-0001 ,0002-SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.05 g	100 mL			
240-22648-A-39 DU	079SB-0072M-0001 ,0002-SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.09 g	100 mL			
240-22648-A-39 MS	079SB-0072M-0001 ,0002-SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.08 g	100 mL	1 mL	1 mL	1 mL
240-22648-E-40	079SB-0074M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.09 g	100 mL			
240-22648-B-41	068SB-0044M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.14 g	100 mL			
240-22648-B-42	068SB-0045M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.03 g	100 mL			
240-22648-E-43	068SB-0046M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.05 g	100 mL			
240-22648-B-44	068SB-0047M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.09 g	100 mL			
240-22648-B-45	068SB-0048M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.07 g	100 mL			
240-22648-B-46	068SB-0033M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.15 g	100 mL			
240-22648-B-47	068SB-0034M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.12 g	100 mL			
240-22648-B-48	068SB-0035M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.11 g	100 mL			
240-22648-B-49	068SB-0038M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.05 g	100 mL			
240-22648-B-50	068SB-0036M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.04 g	100 mL			
240-22648-B-51	068SB-0039M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.03 g	100 mL			
240-22648-B-52	068SB-0040M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.05 g	100 mL			
240-22648-E-53	068SB-0041M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.12 g	100 mL			
240-22648-B-54	068SB-0042M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.09 g	100 mL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Batch Number: 68853 Batch Start Date: 04/11/13 08:25 Batch Analyst: Ferguson, Caitlin N

Batch Method: 3050B Batch End Date: 04/11/13 12:25

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg	InitialAmount	FinalAmount	MTAPITTICPMS 00014	MTAPITTMSA 00014	MTAPITTMSC 00020
240-22648-B-55	068SB-0050M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.09 g	100 mL			
240-22648-B-56	068SB-0051M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.06 g	100 mL			
240-22648-B-57	068SB-0052M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.11 g	100 mL			

Batch Notes	
Analyst	CNF
Balance ID	P1856710
Batch Comment	METALS A4
Blank Soil Lot Number	783730
First End time	12:25
Filter Paper Lot Number	6326666B
Hydrogen peroxide lot number	10mL 781344
Logbook ID for diluted Nitric	10mL 785050
Lot # of Nitric Acid	5mL 790263
Hot Block ID number	#9
Nominal Amount Used	1.0 g
Oven, Bath or Block Temperature 1	96 Degrees C
Pipette ID	J1201611U
Person's name who witnessed reagent drop	CNF
Perform Calculation (0=No, 1=Yes)	1
First Start time	08:25
Temperature	96 Degrees C
ID number of the thermometer	IP8 (0.0) D3
Digestion Tube/Cup Lot #	MH21KK06 / 121015
Uncorrected Temperature	96 Celsius

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Batch Number: 68865 Batch Start Date: 04/11/13 09:30 Batch Analyst: Ferguson, Caitlin N

Batch Method: 3050B Batch End Date: 04/11/13 13:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg	InitialAmount	FinalAmount	MTAPITTICPMS 00014	MTAPITTMSA 00014	MTAPITTMSC 00020
MB 180-68865/1		3050B, 6020/DOD		NO %SOLIDS FOUND	00001.17 g	100 mL			
LCS 180-68865/2		3050B, 6020/DOD		NO %SOLIDS FOUND	00001.11 g	100 mL	1 mL	1 mL	1 mL
240-22648-B-58	068SB-0053M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.10 g	100 mL			
240-22648-B-59	068SB-0054M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.03 g	100 mL			
240-22648-B-60	068SB-0056M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.01 g	100 mL			
240-22648-B-61	068SB-0057M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.16 g	100 mL			
240-22648-B-62	068SB-0059M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.08 g	100 mL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Pittsburgh Job No.: 240-22648-1

SDG No.:

Batch Number: 68865 Batch Start Date: 04/11/13 09:30 Batch Analyst: Ferguson, Caitlin N

Batch Method: 3050B Batch End Date: 04/11/13 13:30

Batch Notes	
Analyst	CNF
Balance ID	P1856710
Batch Comment	METALS A4
Blank Soil Lot Number	783730
First End time	13:30
Filter Paper Lot Number	6326666B
Hydrogen peroxide lot number	10mL 781344
Logbook ID for diluted Nitric	10mL 785050
Lot # of Nitric Acid	5mL 790263
Hot Block ID number	#10
Nominal Amount Used	1.0 g
Oven, Bath or Block Temperature 1	95 Degrees C
Pipette ID	J1201611U
Person's name who witnessed reagent drop	CNF
Perform Calculation (0=No, 1=Yes)	1
First Start time	09:30
Temperature	95 Degrees C
ID number of the thermometer	IP9 (0.0) C2
Digestion Tube/Cup Lot #	MH21KK06 / 121015
Uncorrected Temperature	95 Celsius

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-22648-1

SDG No.:

Project: RVAAP - ECC

Client Sample ID	Lab Sample ID
073SB-0016M-0001-SO	240-22648-1
073SB-0017M-0001-SO	240-22648-2
073SB-0019M-0001-SO	240-22648-3
073SB-0020M-0001-SO	240-22648-4
073SB-0021M-0001-SO	240-22648-5
073SB-0022M-0001-SO	240-22648-6
073SB-0023M-0001-SO	240-22648-7
073SB-0024M-0001-SO	240-22648-8
073SB-0067-0001-SO	240-22648-9
073SD-0045-0001,0002-SO	240-22648-10
073SD-0047-0001-SO	240-22648-11
073SD-0048-0001-SO	240-22648-12
073SD-0050-0001-SO	240-22648-13
073SD-0046-0001-SO	240-22648-14
079SB-0055M-0001-SO	240-22648-22
079SB-0057M-0001-SO	240-22648-23
079SB-0058M-0001-SO	240-22648-24
079SB-0059M-0001-SO	240-22648-25
079SB-0060M-0001-SO	240-22648-26
079SB-0061M-0001,0002-SO	240-22648-27
079SB-0062M-0001-SO	240-22648-28
079SB-0063M-0001-SO	240-22648-29
079SB-0064M-0001-SO	240-22648-30
079SB-0075-0001-SO	240-22648-31
079SB-0065M-0001-SO	240-22648-32
079SB-0066M-0001-SO	240-22648-33
079SB-0067M-0001-SO	240-22648-34
079SB-0068M-0001-SO	240-22648-35
079SB-0069M-0001-SO	240-22648-36
079SB-0070M-0001,0002-SO	240-22648-37
079SB-0071M-0001-SO	240-22648-38
079SB-0072M-0001,0002-SO	240-22648-39
079SB-0074M-0001-SO	240-22648-40
068SB-0044M-0001-SO	240-22648-41
068SB-0045M-0001-SO	240-22648-42
068SB-0046M-0001-SO	240-22648-43
068SB-0047M-0001-SO	240-22648-44
068SB-0048M-0001-SO	240-22648-45
068SB-0033M-0001-SO	240-22648-46
068SB-0034M-0001-SO	240-22648-47
068SB-0035M-0001-SO	240-22648-48
068SB-0038M-0001-SO	240-22648-49
068SB-0036M-0001-SO	240-22648-50
068SB-0039M-0001-SO	240-22648-51
068SB-0040M-0001-SO	240-22648-52

Comments:

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-22648-1

SDG No.:

Project: RVAAP - ECC

Client Sample ID	Lab Sample ID
068SB-0041M-0001-SO	240-22648-53
068SB-0042M-0001-SO	240-22648-54
068SB-0050M-0001-SO	240-22648-55
068SB-0051M-0001-SO	240-22648-56
068SB-0052M-0001-SO	240-22648-57
068SB-0053M-0001-SO	240-22648-58
068SB-0054M-0001-SO	240-22648-59
068SB-0056M-0001-SO	240-22648-60
068SB-0057M-0001-SO	240-22648-61
068SB-0059M-0001-SO	240-22648-62

Comments:

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job Number: 240-22648-1

SDG No.:

Project: RVAAP - ECC

Client Sample ID	Lab Sample ID
073SD-0050-0001-SO	240-22648-13
073SW-0061-0001-SW	240-22648-18
079SB-0063M-0001-SO	240-22648-29
079SB-0064M-0001-SO	240-22648-30
079SB-0069M-0001-SO	240-22648-36
079SB-0071M-0001-SO	240-22648-38
079SB-0074M-0001-SO	240-22648-40
068SB-0046M-0001-SO	240-22648-43
068SB-0041M-0001-SO	240-22648-53

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 073SD-0050-0001-SO
Lab Sample ID: 240-22648-13
Lab Name: TestAmerica Sacramento
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 13:05
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Nitrocellulose	2.2	5.0	1.8	0.78	mg/Kg	J		1	WS-WC-0050

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 073SW-0061-0001-SW
Lab Sample ID: 240-22648-18
Lab Name: TestAmerica Sacramento
Job No.: 240-22648-1
SDG ID.:
Matrix: Water
Date Sampled: 03/28/2013 13:00
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Nitrocellulose	1.0	2.0	1.0	0.48	mg/L	U		1	WS-WC-0050

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 079SB-0063M-0001-SO
Lab Sample ID: 240-22648-29
Lab Name: TestAmerica Sacramento
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 14:37
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Nitrocellulose	1.5	4.9	1.8	0.76	mg/Kg	J		1	WS-WC-0050

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 079SB-0064M-0001-SO
Lab Sample ID: 240-22648-30
Lab Name: TestAmerica Sacramento
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 14:00
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Nitrocellulose	1.4	4.7	1.7	0.74	mg/Kg	J		1	WS-WC-0050

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 079SB-0069M-0001-SO
Lab Sample ID: 240-22648-36
Lab Name: TestAmerica Sacramento
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 16:15
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Nitrocellulose	1.5	5.0	1.8	0.77	mg/Kg	J		1	WS-WC-0050

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 079SB-0071M-0001-SO
Lab Sample ID: 240-22648-38
Lab Name: TestAmerica Sacramento
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 16:34
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Nitrocellulose	0.95	5.0	1.8	0.78	mg/Kg	J		1	WS-WC-0050

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 079SB-0074M-0001-SO
Lab Sample ID: 240-22648-40
Lab Name: TestAmerica Sacramento
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/28/2013 17:20
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Nitrocellulose	1.8	5.0	1.8	0.77	mg/Kg	U		1	WS-WC-0050

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 068SB-0046M-0001-SO
Lab Sample ID: 240-22648-43
Lab Name: TestAmerica Sacramento
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 09:37
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Nitrocellulose	1.8	4.9	1.8	0.77	mg/Kg	U		1	WS-WC-0050

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 068SB-0041M-0001-SO
Lab Sample ID: 240-22648-53
Lab Name: TestAmerica Sacramento
Job No.: 240-22648-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/29/2013 09:12
Reporting Basis: WET
Date Received: 04/01/2013 17:31

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Nitrocellulose	0.87	5.0	1.8	0.78	mg/Kg	J		1	WS-WC-0050

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Analyst: JS Batch Start Date: 04/10/2013

Reporting Units: mg/L Analytical Batch No.: 14024

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
8	ICV	11:02	Nitrocellulose	8.45	8.40	101	90-110		WC-353.2-ICV_00021
9	ICB	11:04	Nitrocellulose	1.0				U	
34	CCV	11:54	Nitrocellulose	8.28	8.40	99	90-110		WC-353.2-L4_00015
35	CCB	11:56	Nitrocellulose	1.0				U	
47	CCV	12:20	Nitrocellulose	8.23	8.40	98	90-110		WC-353.2-L4_00015
54	CCB	12:34	Nitrocellulose	1.0				U	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Analyst: JS Batch Start Date: 04/23/2013

Reporting Units: mg/L Analytical Batch No.: 14914

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
8	ICV	12:31	Nitrocellulose	8.22	8.40	98	90-110		WC-353.2-ICV_00022
9	ICB	12:33	Nitrocellulose	1.0				U	
22	CCV	12:59	Nitrocellulose	8.56	8.40	102	90-110		WC-353.2-L4_00016
23	CCB	13:01	Nitrocellulose	1.0				U	
36	CCV	13:27	Nitrocellulose	8.56	8.40	102	90-110		WC-353.2-L4_00016
37	CCB	13:29	Nitrocellulose	1.0				U	
43	CCV	13:41	Nitrocellulose	8.56	8.40	102	90-110		WC-353.2-L4_00016
44	CCB	13:43	Nitrocellulose	1.0				U	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	LOQ	Dil
Batch ID: 14024	Date: 04/10/2013 12:00	Prep Batch: 13964	Date: 04/10/2013 07:54				
WS-WC-0050	MB 320-13864/1-B	Nitrocellulose	1.0	U	mg/L	2.0	1
Batch ID: 14914	Date: 04/23/2013 12:45	Prep Batch: 14752	Date: 04/22/2013 06:13				
WS-WC-0050	MB 320-14670/1-B	Nitrocellulose	1.8	U	mg/Kg	5.0	1

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 14024	Date: 04/10/2013 12:06		Prep Batch: 13964		Date: 04/10/2013 07:54						
WS-WC-0050	240-22648-18	Nitrocellulose	1.0	U	mg/L						
WS-WC-0050	240-22648-18 MS	Nitrocellulose	4.37		mg/L	5.06	86	26-144			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM V-IN

5-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 14024	Date: 04/10/2013 12:08		Prep Batch: 13964		Date: 04/10/2013 07:54						
WS-WC-0050	240-22648-18 MSD	Nitrocellulose	4.09		mg/L	5.06	81	26-144	7	45	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM V-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 14914	Date: 04/23/2013 12:47		Prep Batch: 14752			Date: 04/22/2013 06:13					
						LCS Source: HPNCSP_00008					
WS-WC-0050	LCS 320-14670/2-B	Nitrocellulose	31.8		mg/Kg	50.6	63	34-115			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 14024	Date: 04/10/2013 12:02		Prep Batch: 13964			Date: 04/10/2013 07:54					
						LCS Source: HPNCSP_00008					
WS-WC-0050	LCS 320-13864/2-B	Nitrocellulose	4.51		mg/L	5.06	89	26-144			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

7A-IN
METHOD REPORTING LIMIT CHECK
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 14914	Date: 04/23/2013 12:35										
						LCS Source:	WC-353.2-L1_00022				
WS-WC-0050	MRL 320-14914/10	Nitrocellulose	1.0	U	mg/L	0.420	106	70-130			
Batch ID: 14914	Date: 04/23/2013 12:57										
						LCS Source:	WC-353.2-L1_00022				
WS-WC-0050	MRL 320-14914/21	Nitrocellulose	0.538	J	mg/L	0.420	128	70-130			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-22648-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture LOQ Date: 01/28/2010 09:24

Analyte	Wavelength/ Mass	LOQ (%)	
Percent Moisture		0.1	
Percent Solids		0.1	

9-IN

CALIBRATION BLANK DETECTION LIMITS

GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-22648-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture XRL Date: 01/28/2010 09:24

Analyte	Wavelength/ Mass	XRL (mg/L)	
Percent Moisture		10	
Percent Solids		10	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job Number: 240-22648-1

SDG Number:

Matrix: Solid Instrument ID: FS4

Method: WS-WC-0050 DL Date: 03/15/2011 14:37

Prep Method: 353 (NCell-Hyd)

Analyte	Wavelength/ Mass	LOQ (mg/Kg)	DL (mg/Kg)
Nitrocellulose		5	0.78

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job Number: 240-22648-1

SDG Number:

Matrix: Solid Instrument ID: FS4

Method: WS-WC-0050 XMDL Date: 03/15/2011 14:36

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Nitrocellulose		2	0.475

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job Number: 240-22648-1

SDG Number:

Matrix: Water Instrument ID: FS4

Method: WS-WC-0050 DL Date: 03/15/2011 14:37

Prep Method: 353 (NCell-Hyd)

Analyte	Wavelength/ Mass	LOQ (mg/L)	DL (mg/L)
Nitrocellulose		2	0.475

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job Number: 240-22648-1

SDG Number:

Matrix: Water Instrument ID: FS4

Method: WS-WC-0050 XMDL Date: 03/15/2011 14:36

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Nitrocellulose		2	0.475

11-IN
LINEAR RANGES
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job No: 240-22648-1

SDG No.:

Instrument ID: FS4 Date: 07/31/2011 19:29

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	Method
Nitrocellulose		16.8	WS-WC-0050

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Prep Method: 353 (NCell-Hyd)

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 320-13864/1-B	04/10/2013 07:54	13964		50	40
LCS 320-13864/2-B	04/10/2013 07:54	13964		50	40
240-22648-18	04/10/2013 07:54	13964		50	40
240-22648-18 MS	04/10/2013 07:54	13964		50	40
240-22648-18 MSD	04/10/2013 07:54	13964		50	40

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Prep Method: 353 (NCell-Hyd)

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 320-14670/1-B	04/22/2013 06:13	14752		45	40
LCS 320-14670/2-B	04/22/2013 06:13	14752		45	40
240-22648-13	04/22/2013 06:13	14752		45	40
240-22648-29	04/22/2013 06:13	14752		45	40
240-22648-30	04/22/2013 06:13	14752		45	40
240-22648-36	04/22/2013 06:13	14752		45	40
240-22648-38	04/22/2013 06:13	14752		45	40
240-22648-40	04/22/2013 06:13	14752		45	40
240-22648-43	04/22/2013 06:13	14752		45	40
240-22648-53	04/22/2013 06:13	14752		45	40

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 04/08/2013 11:14 End Date: 04/08/2013 11:14

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			11:14	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 04/08/2013 11:14 End Date: 04/08/2013 11:14

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			11:14																					
ZZZZZZ			11:14																					
240-22648-1	1	T	11:14	X	X																			
240-22648-2	1	T	11:14	X	X																			
240-22648-3	1	T	11:14	X	X																			
240-22648-4	1	T	11:14	X	X																			
240-22648-5	1	T	11:14	X	X																			
240-22648-6	1	T	11:14	X	X																			
240-22648-7	1	T	11:14	X	X																			
240-22648-8	1	T	11:14	X	X																			
240-22648-9	1	T	11:14	X	X																			
240-22648-10	1	T	11:14	X	X																			
240-22648-10 DU	1	T	11:14	X	X																			
240-22648-11	1	T	11:14	X	X																			
240-22648-12	1	T	11:14	X	X																			
240-22648-13	1	T	11:14	X	X																			
240-22648-14	1	T	11:14	X	X																			
240-22648-22	1	T	11:14	X	X																			
240-22648-23	1	T	11:14	X	X																			
240-22648-24	1	T	11:14	X	X																			
240-22648-25	1	T	11:14	X	X																			
240-22648-26	1	T	11:14	X	X																			
240-22648-27	1	T	11:14	X	X																			
240-22648-27 DU	1	T	11:14	X	X																			
240-22648-28	1	T	11:14	X	X																			
240-22648-29	1	T	11:14	X	X																			
240-22648-30	1	T	11:14	X	X																			
240-22648-31	1	T	11:14	X	X																			
240-22648-32	1	T	11:14	X	X																			
240-22648-33	1	T	11:14	X	X																			
240-22648-34	1	T	11:14	X	X																			
240-22648-35	1	T	11:14	X	X																			
240-22648-36	1	T	11:14	X	X																			
240-22648-37	1	T	11:14	X	X																			
240-22648-37 DU	1	T	11:14	X	X																			
240-22648-38	1	T	11:14	X	X																			
240-22648-39	1	T	11:14	X	X																			
240-22648-39 DU	1	T	11:14	X	X																			
240-22648-40	1	T	11:14	X	X																			
240-22648-41	1	T	11:14	X	X																			
240-22648-42	1	T	11:14	X	X																			
240-22648-43	1	T	11:14	X	X																			

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 04/08/2013 11:14 End Date: 04/08/2013 11:14

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
240-22648-44	1	T	11:14	X	X																		
240-22648-45	1	T	11:14	X	X																		
240-22648-46	1	T	11:14	X	X																		
240-22648-47	1	T	11:14	X	X																		
240-22648-48	1	T	11:14	X	X																		
240-22648-49	1	T	11:14	X	X																		
240-22648-49 DU	1	T	11:14	X	X																		
240-22648-50	1	T	11:14	X	X																		
240-22648-51	1	T	11:14	X	X																		
240-22648-52	1	T	11:14	X	X																		
240-22648-53	1	T	11:14	X	X																		
240-22648-54	1	T	11:14	X	X																		
240-22648-55	1	T	11:14	X	X																		
240-22648-56	1	T	11:14	X	X																		
240-22648-57	1	T	11:14	X	X																		
240-22648-58	1	T	11:14	X	X																		
240-22648-59	1	T	11:14	X	X																		
240-22648-60	1	T	11:14	X	X																		
240-22648-61	1	T	11:14	X	X																		
240-22648-62	1	T	11:14	X	X																		
ZZZZZZ			11:14																				
ZZZZZZ			11:14																				
ZZZZZZ			11:14																				
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 04/08/2013 11:14 End Date: 04/08/2013 11:14

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			11:14	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 04/08/2013 11:14 End Date: 04/08/2013 11:14

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			11:14																					
ZZZZZZ			11:14																					
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ZZZZZZ			11:14																					

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Instrument ID: FS4 Method: WS-WC-0050

Start Date: 04/10/2013 10:48 End Date: 04/10/2013 12:36

Lab Sample ID	D / F	Type	Time	Analytes																				
				NCL																				
ZZZZZZ			10:48																					
STD5 320-14024/2 IC			10:50	X																				
STD4 320-14024/3 IC			10:52	X																				
STD3 320-14024/4 IC			10:54	X																				
STD2 320-14024/5 IC			10:56	X																				
STD1 320-14024/6 IC			10:58	X																				
STD0 320-14024/7 IC			11:00	X																				
ICV 320-14024/8	1		11:02	X																				
ICB 320-14024/9	1		11:04	X																				
ZZZZZZ			11:06																					
ZZZZZZ			11:08																					
ZZZZZZ			11:10																					
ZZZZZZ			11:12																					
ZZZZZZ			11:14																					
ZZZZZZ			11:16																					
ZZZZZZ			11:18																					
ZZZZZZ			11:20																					
ZZZZZZ			11:22																					
ZZZZZZ			11:24																					
ZZZZZZ			11:26																					
CCV 320-14024/21			11:28																					
CCB 320-14024/22			11:30																					
ZZZZZZ			11:32																					
ZZZZZZ			11:34																					
ZZZZZZ			11:36																					
ZZZZZZ			11:38																					
ZZZZZZ			11:40																					
ZZZZZZ			11:42																					
ZZZZZZ			11:44																					
ZZZZZZ			11:46																					
ZZZZZZ			11:48																					
ZZZZZZ			11:50																					
MRL 320-14024/33	1	T	11:52	X																				
CCV 320-14024/34	1		11:54	X																				
CCB 320-14024/35	1		11:56	X																				
ZZZZZZ			11:58																					
MB 320-13864/1-B	1	T	12:00	X																				
LCS 320-13864/2-B	1	T	12:02	X																				
240-22648-18	1	T	12:04	X																				
240-22648-18 MS	1	T	12:06	X																				
240-22648-18 MSD	1	T	12:08	X																				
ZZZZZZ			12:10																					

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Instrument ID: FS4 Method: WS-WC-0050

Start Date: 04/10/2013 10:48 End Date: 04/10/2013 12:36

Lab Sample ID	D / F	Type	Time	Analytes																				
				NCL																				
ZZZZZZ			12:12																					
ZZZZZZ			12:14																					
ZZZZZZ			12:16																					
ZZZZZZ			12:18																					
CCV 320-14024/47	1		12:20	X																				
ZZZZZZ			12:22																					
ZZZZZZ			12:24																					
ZZZZZZ			12:26																					
ZZZZZZ			12:28																					
ZZZZZZ			12:30																					
CCV 320-14024/53			12:32																					
CCB 320-14024/54	1		12:34	X																				
ZZZZZZ			12:36																					

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Instrument ID: FS4 Method: WS-WC-0050

Start Date: 04/23/2013 12:17 End Date: 04/23/2013 15:07

Lab Sample ID	D / F	Type	Time	Analytes																				
				NCL																				
ZZZZZZ			12:17																					
STD 320-14914/2 IC			12:19	X																				
STD 320-14914/3 IC			12:21	X																				
STD 320-14914/4 IC			12:23	X																				
STD 320-14914/5 IC			12:25	X																				
STD 320-14914/6 IC			12:27	X																				
STD 320-14914/7 IC			12:29	X																				
ICV 320-14914/8	1		12:31	X																				
ICB 320-14914/9	1		12:33	X																				
MRL 320-14914/10	1	T	12:35	X																				
ZZZZZZ			12:37																					
ZZZZZZ			12:39																					
ZZZZZZ			12:41																					
ZZZZZZ			12:43																					
MB 320-14670/1-B	1	T	12:45	X																				
LCS 320-14670/2-B	1	T	12:47	X																				
240-22648-13	1	T	12:49	X																				
240-22648-29	1	T	12:51	X																				
240-22648-30	1	T	12:53	X																				
240-22648-36	1	T	12:55	X																				
MRL 320-14914/21	1	T	12:57	X																				
CCV 320-14914/22	1		12:59	X																				
CCB 320-14914/23	1		13:01	X																				
ZZZZZZ			13:03																					
240-22648-38	1	T	13:05	X																				
240-22648-40	1	T	13:07	X																				
240-22648-43	1	T	13:09	X																				
240-22648-53	1	T	13:11	X																				
ZZZZZZ			13:13																					
ZZZZZZ			13:15																					
ZZZZZZ			13:17																					
ZZZZZZ			13:19																					
ZZZZZZ			13:21																					
ZZZZZZ			13:23																					
ZZZZZZ			13:25																					
CCV 320-14914/36	1		13:27	X																				
CCB 320-14914/37	1		13:29	X																				
ZZZZZZ			13:31																					
ZZZZZZ			13:33																					
ZZZZZZ			13:35																					
ZZZZZZ			13:37																					
ZZZZZZ			13:39																					

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Instrument ID: FS4 Method: WS-WC-0050

Start Date: 04/23/2013 12:17 End Date: 04/23/2013 15:07

Lab Sample ID	D / F	Type	Time	Analytes																				
				NCL																				
CCV 320-14914/43	1		13:41	X																				
CCB 320-14914/44	1		13:43	X																				
ZZZZZZ			13:45																					
ZZZZZZ			13:47																					
ZZZZZZ			13:49																					
ZZZZZZ			13:51																					
ZZZZZZ			13:53																					
ZZZZZZ			13:55																					
CCV 320-14914/51			13:57																					
CCB 320-14914/52			13:59																					
ZZZZZZ			14:01																					
ZZZZZZ			14:03																					
ZZZZZZ			14:05																					
ZZZZZZ			14:07																					
ZZZZZZ			14:09																					
ZZZZZZ			14:11																					
ZZZZZZ			14:13																					
ZZZZZZ			14:15																					
ZZZZZZ			14:17																					
ZZZZZZ			14:19																					
ZZZZZZ			14:21																					
CCV 320-14914/64			14:23																					
CCB 320-14914/65			14:25																					
ZZZZZZ			14:27																					
ZZZZZZ			14:29																					
ZZZZZZ			14:31																					
ZZZZZZ			14:33																					
ZZZZZZ			14:35																					
ZZZZZZ			14:37																					
ZZZZZZ			14:39																					
ZZZZZZ			14:41																					
ZZZZZZ			14:43																					
ZZZZZZ			14:45																					
ZZZZZZ			14:47																					
CCV 320-14914/77			14:49																					
CCB 320-14914/78			14:51																					
ZZZZZZ			14:53																					
ZZZZZZ			14:55																					
ZZZZZZ			14:57																					
ZZZZZZ			14:59																					
ZZZZZZ			15:01																					
CCV 320-14914/84			15:03																					

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Instrument ID: FS4 Method: WS-WC-0050

Start Date: 04/23/2013 12:17 End Date: 04/23/2013 15:07

Lab Sample ID	D / F	Type	Time	Analytes																			
				NCL																			
CCB 320-14914/85			15:05																				
ZZZZZZ			15:07																				

Prep Types

T = Total/NA

Peak Table:Nitrate/Nitrite

File name: Z:\GENCHEM\ALPKEM~2\2013\NITROC~1\041013A.RST
Date: 10-Apr-13
Operator: JRS

Peak	Cup	Name	R	Type	Dil	Wt	Height	Calc. (ppm)	Flags
1	102	sync	1	SYNC	1	1	243358	1.995138	
B	0	Baseline	1	RB	1	1	0	0.004554	BL
3	102	Cal 5	1	C	1	1	244250	2.002432	
4	103	Cal 4	1	C	1	1	121438	0.997879	
5	104	Cal 3	1	C	1	1	47197	0.390608	
6	105	Cal 2	1	C	1	1	24521	0.205124	
7	106	Cal 1	1	C	1	1	5528	0.049773	
8	0	Cal 0	1	C	1	1	-45	0.004184	
9	107	ICV	1	U	1	1	122409	1.005816	
10	0	BLANK/ICB	1	BLNK	1	1	67	0.005102	
11	106	MRL	1	U	1	1	5610	0.050445	
12	108	NO2 1PPM	1	U	1	1	123264	1.012814	
13	109	NO3 1PPM	1	U	1	1	121474	0.998172	
14	0	Blank	1	BLNK	1	1	114	0.005486	
B	0	Baseline	1	RB	1	1	0	0.004554	BL
16	113	mb 320-13863/1-b 1	U		1	1	1424	0.016205	
17	114	lcs 320-13863/2-b 1	U		1	1	134453	1.104332	
18	115	240-22381-g-3-k 1	U		1	1	1386	0.015892	
19	116	240-22381-g-3-l ms 1	U		1	1	54804	0.452832	
20	117	240-22381-g-3-m msd 1	U		1	1	58286	0.481310	
21	106	MRL	1	U	1	1	5840	0.052325	
22	103	CCV	1	U	1	1	124454	1.022548	
23	0	Blank	1	BLNK	1	1	154	0.005818	
B	0	Baseline	1	RB	1	1	0	0.004554	BL
25	118	240-22381-g-6-k 1	U		1	1	1294	0.015139	
26	119	240-22381-g-24-k 1	U		1	1	1382	0.015861	
27	120	240-22392-i-8-f 1	U		1	1	709	0.010354	
28	121	240-22392-f-12-d 1	U		1	1	1038	0.013045	
29	122	240-22488-f-5-f 1	U		1	1	1242	0.014711	
30	123	240-22488-f-7-d 1	U		1	1	966	0.012457	
31	124	240-22488-f-11-d 1	U		1	1	1080	0.013386	
32	125	240-22488-f-18-d 1	U		1	1	1233	0.014644	
33	126	240-22488-f-23-d 1	U		1	1	1468	0.016561	
34	106	MRL	1	U	1	1	5551	0.049963	
35	103	CCV	1	U	1	1	119818	0.984624	
36	0	BLANK	1	BLNK	1	1	86	0.005261	
B	0	Baseline	1	RB	1	1	0	0.004554	BL
38	127	mb 320-13864/1-b 1	U		1	1	1708	0.018528	
39	128	lcs 320-13864/2-b 1	U		1	1	163346	1.340671	
40	129	240-22648-n-18-d 1	U		1	1	1821	0.019453	
41	130	240-22648-n-18-e ms 1	U		1	1	158194	1.298527	
42	131	240-22648-n-18-f msd 1	U		1	1	148261	1.217275	
43	132	240-22662-o-1-b 1	U		1	1	1956	0.020556	
44	133	240-22804-p-11-b 1	U		1	1	2318	0.023512	
45	134	640-42923-c-1-b 1	U		1	1	1436	0.016303	
46	135	640-42923-c-2-b 1	U		1	1	1867	0.019829	
47	106	MRL	1	U	1	1	5637	0.050666	
48	103	CCV	1	U	1	1	119155	0.979200	
49	0	BLANK	1	BLNK	1	1	41	0.004888	
B	0	Baseline	1	RB	1	1	0	0.004554	BL
51	136	640-42923-c-3-b 1	U		1	1	1587	0.017536	
52	137	640-42923-c-4-b 1	U		1	1	1481	0.016667	
53	106	MRL	1	U	1	1	5654	0.050798	
54	103	CCV	1	U	1	1	122447	1.006129	
55	0	BLANK	1	BLNK	1	1	176	0.005993	
B	0	Baseline	1	RB	1	1	0	0.004554	BL

Report Results by Sample
Result path: Z:\GENCHEM\ALPKEM~2\2013\NITROC~1\041013A.RST
Sample table path: Z:\GENCHEM\ALPKEM~2\2013\NITROC~1\041013a.tbl
Method path: Y:\no3_no2.mth
Date acquired: 10-Apr-13
Time acquired: 12:41

Facility Name:
Facility Location:
Department:

Operator Name: JRS
Operator ID: JRS

Platform: FS III/IV
Software Rev Code: 210
Data system ID: 57

Channel: 1
Analysis: Nitrate/Nitrite
CAS Number:
Methodology: NO2+NO3-353.2/N02-353.2/WS-WC-0050

	Temp	Warmup	Run time	Reps
rack 1	Off	1134:03:50	1:38:15	14
rack 2	Off	1134:03:50	1:38:15	14
rack 3	Off	1134:03:50	1:38:15	14

Notes

Cup	Name	S	1:Time	1:Value	1:S
0	Baseline	C	10:48:49	0.00	[C]
102	Cal 5	C	10:50:49	2.00	[C]
103	Cal 4	C	10:52:49	1.00	[C]
104	Cal 3	C	10:54:49	0.39	[C]
105	Cal 2	C	10:56:49	0.21	[C]
106	Cal 1	C	10:58:49	0.05	[C]
0	Cal 0	C	11:00:50	0.00	[C]
107	ICV	-	11:02:50	1.01	[-]
0	BLANK/ICB	C	11:04:50	0.01	[C]
106	MRL	-	11:06:50	0.05	[-]
108	NO2 1PPM	-	11:08:50	1.01	[-]
109	NO3 1PPM	-	11:10:51	1.00	[-]
0	Blank	C	11:12:51	0.01	[C]
0	Baseline	C	11:14:51	0.00	[C]
113	mb 320-13863/1-b	-	11:16:51	0.02	[-]
114	lcs 320-13863/2-b	-	11:18:51	1.10	[-]
115	240-22381-g-3-k	-	11:20:51	0.02	[-]
116	240-22381-g-3-l ms	-	11:22:52	0.45	[-]
117	240-22381-g-3-m msd	-	11:24:52	0.48	[-]
106	MRL	-	11:26:52	0.05	[-]
103	CCV	-	11:28:52	1.02	[-]
0	Blank	C	11:30:52	0.01	[C]
0	Baseline	C	11:32:52	0.00	[C]
118	240-22381-g-6-k	-	11:34:53	0.02	[-]
119	240-22381-g-24-k	-	11:36:53	0.02	[-]
120	240-22392-i-8-f	-	11:38:53	0.01	[-]
121	240-22392-f-12-d	-	11:40:53	0.01	[-]
122	240-22488-f-5-f	-	11:42:53	0.01	[-]
123	240-22488-f-7-d	-	11:44:53	0.01	[-]
124	240-22488-f-11-d	-	11:46:54	0.01	[-]
125	240-22488-f-18-d	-	11:48:54	0.01	[-]
126	240-22488-f-23-d	-	11:50:54	0.02	[-]
106	MRL	-	11:52:54	0.05	[-]
103	CCV	-	11:54:54	0.98	[-]
0	BLANK	C	11:56:55	0.01	[C]
0	Baseline	C	11:58:55	0.00	[C]
127	mb 320-13864/1-b	-	12:00:55	0.02	[-]
128	lcs 320-13864/2-b	-	12:02:55	1.34	[-]
129	240-22648-n-18-d	-	12:04:55	0.02	[-]
130	240-22648-n-18-e ms	-	12:06:55	1.30	[-]
131	240-22648-n-18-f msd	-	12:08:56	1.22	[-]
132	240-22662-o-1-b	-	12:10:56	0.02	[-]
133	240-22804-p-11-b	-	12:12:56	0.02	[-]
134	640-42923-c-1-b	-	12:14:56	0.02	[-]
135	640-42923-c-2-b	-	12:16:56	0.02	[-]
106	MRL	-	12:18:56	0.05	[-]
103	CCV	-	12:20:57	0.98	[-]
0	BLANK	C	12:22:57	0.00	[C]
0	Baseline	C	12:24:57	0.00	[C]
136	640-42923-c-3-b	-	12:26:57	0.02	[-]
137	640-42923-c-4-b	-	12:28:57	0.02	[-]
106	MRL	-	12:30:57	0.05	[-]
103	CCV	-	12:32:58	1.01	[-]
0	BLANK	C	12:34:58	0.01	[C]
0	Baseline	C	12:36:58	0.00	[C]

Nitrate/Nitrite:Calibration 1: Peak 3-56

File name: Z:\GENCHEM\ALPKEM~2\2013\NITROC~1\041013A.RST
Date: 10-Apr-13
Operator: JRS

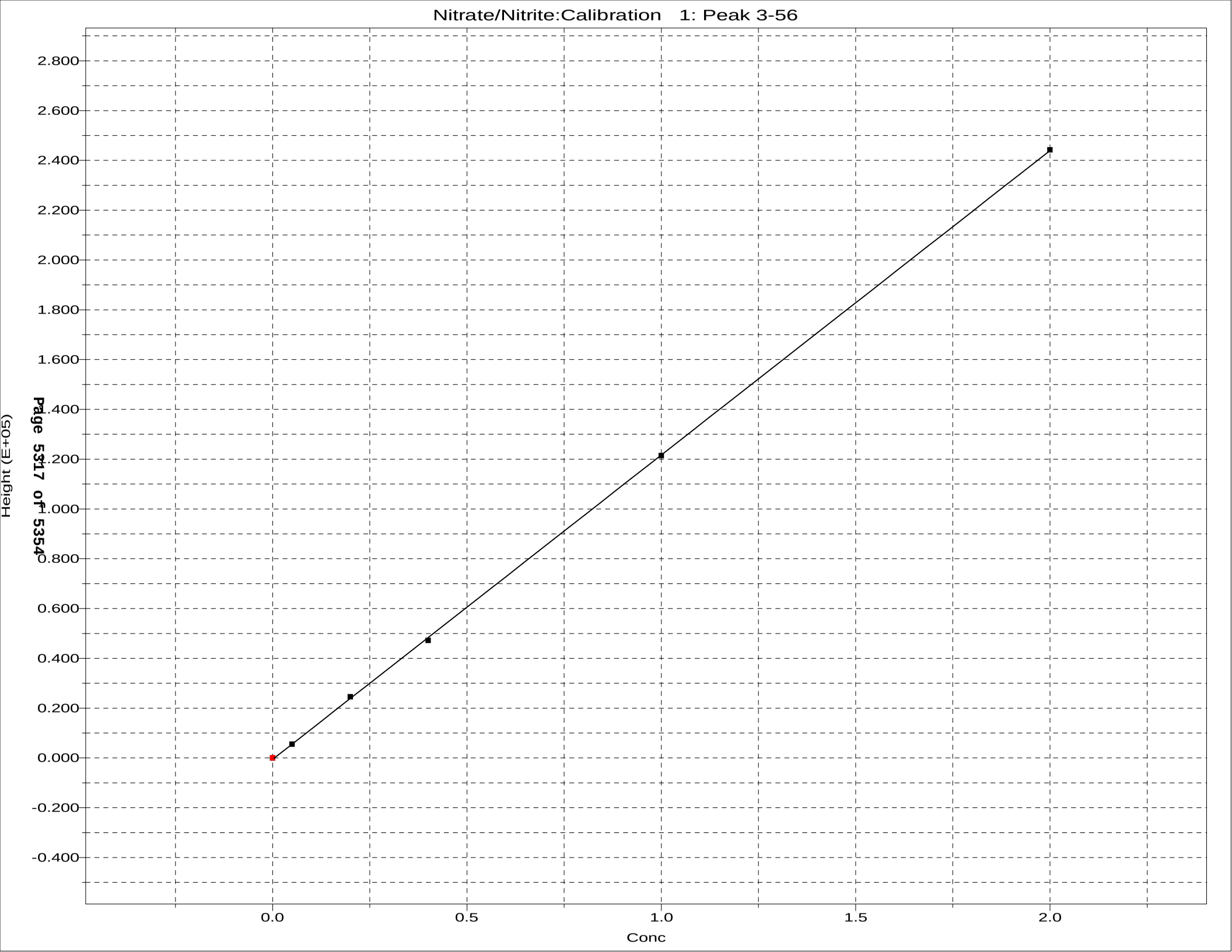
*	Name	Conc	Height
*	Cal 5	2.000000	244249.578125
*	Cal 4	1.000000	121438.406250
*	Cal 3	0.400000	47196.843750
*	Cal 2	0.200000	24520.556641
*	Cal 1	0.050000	5528.250488
*	Cal 0	0.000000	-45.275452

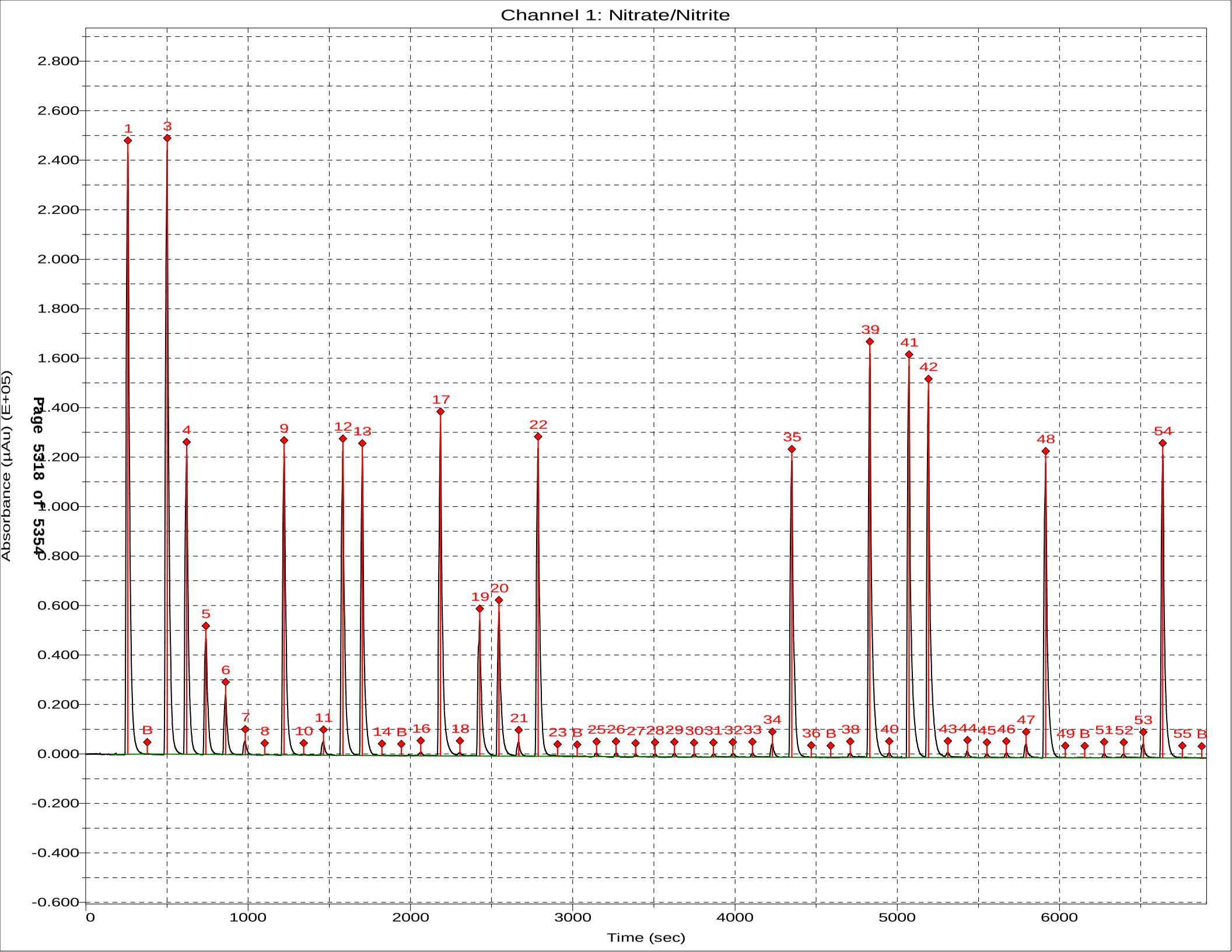
Calib Coef:
y=bx+a
a: (intercept) -5.5676e+02
b: 1.2225e+05

Corr Coef: 0.999976

Carryover: n/a

No Drift Peaks


Nitrate/Nitrite:Calibration 1: Peak 3-56
Height (E+05)
2.800
2.600
2.400
2.200
2.000
1.800
1.600
1.400
1.200
1.000
0.800
0.600
0.400
0.200
0.000
-0.200
-0.400
0.0
0.5
1.0
1.5
2.0
Conc


Channel 1: Nitrate/Nitrite
Absorbance (µAu) (E+05)
Time (sec)
Page 5318 of 5354
2.800
2.600
2.400
2.200
2.000
1.800
1.600
1.400
1.200
1.000
0.800
0.600
0.400
0.200
0.000
-0.200
-0.400
-0.600
0
1000
2000
3000
4000
5000
6000
1 B 3 4 5 6 7 8 9 10 11 12 13 14 B 16 17 18 19 20 21 22 23 B 25 26 27 28 29 30 31 32 33 34 35 36 B 38 39 40 41 42 43 44 45 46 47 48 49 B 51 52 53 54 55 B

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Level I and Level II Review Checklist
General Chemistry

Instrument ID FS4		353.2_Nitro	
Batch 14024 ~~14025~~	File # 041013A	Date 4/10/13	Analyst JRB

Lot Numbers	YES	NO	NA
LEVEL 1 Review: ~~240-22381~~, 22392, 22662, 22804 ~~320-21266, 21490~~, 22488, 22648, 640-42923			
1. Samples properly preserved/verified	✓		
2. Run setup meets Std criteria (Curve, ICV/ICB, CCV etc.)	✓		
3. Calibration criteria met (R=0.995, R^2=0.990)	✓		
4. Interception criteria for quadratic fits + or – ½ the RL			✓
5. Second source std in control	✓		
6. Batch QC in control (LCS,MB,MS/MSD,DCS if necessary)	✓		
7. Calculations checked	✓		
8. QAS/QAPP consulted for client specific requirements	✓		
9. Standard trakcing #'s recorded on runlog/benchsheet	✓		
10. Manual integration performed, documented & approved			✓
11. Copy of run log included with data package	✓		
12. Copy of conductivity screen logbook (314.0 only)			✓
LEVEL 1 Data Review:			
1. Benchsheet complete	✓		
2. QAS/QAPP Consulted for client specific data entry	✓		
3. Copy of prep sheet/checklist submitted	✓		
4. NCM(s) submitted	✓		

COMMENTS: NCM ID #: 5519

REVIEWED BY: LW
DATE: 4/11/13

DATA ENTERED BY: JRB 4/10/13
DATE:

Peak Table:Nitrate/Nitrite

File name: Z:\GENCHEM\ALPKEM~2\2013\NITROC~1\042313A.RST
Date: 23-Apr-13
Operator: JRS

Peak	Cup	Name	R	Type	Dil	Wt	Height	Calc. (ppm)	Flags
1	103	sync	1	SYNC	1	1	116865	0.981765	
B	0	Baseline	1	RB	1	1	0	0.011762	BL
3	102	Cal 5	1	C	1	1	240248	2.005871	
4	103	Cal 4	1	C	1	1	118042	0.991536	
5	104	Cal 3	1	C	1	1	45998	0.393554	
6	105	Cal 2	1	C	1	1	22161	0.195706	
7	106	Cal 1	1	C	1	1	4991	0.053186	
8	0	Cal 0	1	C	1	1	-195	0.010147	
9	107	ICV	1	U	1	1	116468	0.978471	
10	0	BLANK/ICB	1	BLNK	1	1	-309	0.009198	
11	106	MRL	1	U	1	1	4949	0.052836	
12	108	NO2 1PPM	1	U	1	1	113655	0.955118	
13	109	NO3 1PPM	1	U	1	1	117086	0.983603	
14	0	Blank	1	BLNK	1	1	110	0.012673	
B	0	Baseline	1	RB	1	1	0	0.011762	BL
16	113	mb 320-14670/1-b 1	U		1	1	886	0.019116	
17	114	lcs 320-14670/2-b 1	U		1	1	112512	0.945635	
18	115	240-22648-f-13-d 1	U		1	1	6484	0.065583	
19	116	240-22648-f-29-d 1	U		1	1	4184	0.046490	
20	117	240-22648-f-30-d 1	U		1	1	3944	0.044495	
21	118	240-22648-f-36-d 1	U		1	1	4115	0.045917	
22	106	MRL	1	U	1	1	6299	0.064048	
23	103	CCV	1	U	1	1	121395	1.019365	
24	0	BLANK	1	BLNK	1	1	487	0.015807	
B	0	Baseline	1	RB	1	1	0	0.011762	BL
26	119	240-22648-f-38-d 1	U		1	1	1984	0.028230	
27	120	240-22648-f-40-d 1	U		1	1	789	0.018314	
28	121	240-22648-f-43-d 1	U		1	1	851	0.018828	
29	122	240-22648-f-53-d 1	U		1	1	1659	0.025533	
30	123	240-22663-f-4-h 1	U		1	1	1500	0.024212	
31	124	240-22663-f-7-d 1	U		1	1	1024	0.020261	
32	125	240-22663-f-17-d 1	U		1	1	1886	0.027420	
33	126	240-22663-f-26-d 1	U		1	1	1494	0.024166	
34	127	240-22663-f-28-d 1	U		1	1	8021	0.078334	
35	128	240-22804-f-4-d 1	U		1	1	1212	0.021821	
36	106	MRL	1	U	1	1	5684	0.058942	
37	103	CCV	1	U	1	1	121355	1.019036	
38	0	BLANK	1	BLNK	1	1	278	0.014069	
B	0	Baseline	1	RB	1	1	0	0.011762	BL
40	129	240-22852-g-1-j 1	U		1	1	1824	0.026898	
41	130	240-22852-g-1-k ms 1	U		1	1	42292	0.362790	
42	131	240-22852-g-1-l msd 1	U		1	1	40069	0.344343	
43	106	MRL	1	U	1	1	5330	0.055999	
44	103	CCV	1	U	1	1	121367	1.019132	
45	0	BLANK	1	BLNK	1	1	348	0.014653	
B	0	Baseline	1	RB	1	1	0	0.011762	BL
47	132	mb 320-14751/1-b 1	U		1	1	1578	0.024856	
48	133	lcs 320-14751/2-b 1	U		1	1	72680	0.615020	
49	134	320-2137-a-1-m 1	U		1	1	29830	0.259360	
50	135	320-2137-a-1-n ms 1	U		1	1	119436	1.003104	
51	136	320-2137-a-1-o msd 1	U		1	1	131250	1.101166	
52	103	CCV	1	U	1	1	121428	1.019641	
53	0	BLANK	1	BLNK	1	1	65	0.012300	
B	0	Baseline	1	RB	1	1	0	0.011762	BL
55	137	mb 320-14749/1-b 1	U		1	1	696	0.017541	
56	138	lcs 320-14749/2-b 1	U		1	1	102701	0.864204	
57	139	320-2307-a-19-b 1	U		1	1	2528	0.032741	
58	140	320-2307-a-20-b 1	U		1	1	2850	0.035421	
59	141	320-2307-a-21-b 1	U		1	1	5044	0.053631	
60	142	320-2307-a-22-b 1	U		1	1	41181	0.353574	
61	143	320-2307-a-23-b 1	U		1	1	48293	0.412601	
62	144	320-2307-a-24-b 1	U		1	1	27087	0.236593	
63	145	320-2307-a-25-b 1	U		1	1	12489	0.115421	
64	146	320-2307-b-25-c ms 1	U		1	1	63937	0.542448	
65	103	CCV	1	U	1	1	126659	1.063061	
66	0	BLANK	1	BLNK	1	1	-112	0.010835	
B	0	Baseline	1	RB	1	1	0	0.011762	BL
68	147	320-2307-b-25-d msd 1	U		1	1	62177	0.527844	
69	148	320-2307-b-26-b 1	U		1	1	4206	0.046672	
70	149	320-2307-a-27-b 1	U		1	1	2975	0.036452	

Peak	Cup	Name	R	Type	Dil	Wt	Height	Calc. (ppm)	Flags
71	150	320-2307-a-28-b	1	U	1	1	3488	0.040716	
72	151	320-2307-a-29-b	1	U	1	1	3955	0.044591	
73	152	320-2307-a-30-b	1	U	1	1	4754	0.051224	
74	153	320-2307-a-31-c	1	U	1	1	3259	0.038811	
75	154	320-2307-a-31-d ms	1	U	1	1	63584	0.539518	
76	155	320-2307-b-31-b msd	1	U	1	1	50424	0.430294	
77	156	320-2307-b-32-b	1	U	1	1	3065	0.037198	
78	103	CCV	1	U	1	1	125765	1.055634	
79	0	BLANK	1	BLNK	1	1	271	0.014011	
B	0	Baseline	1	RB	1	1	0	0.011762	BL
81	157	320-2307-b-33-b	1	U	1	1	5134	0.054376	
82	158	320-2307-b-34-d	1	U	1	1	4154	0.046239	
83	159	320-2307-b-34-e ms	1	U	1	1	54687	0.465676	
84	160	320-2307-b-34-f msd	1	U	1	1	41660	0.357546	
85	103	CCV	1	U	1	1	125349	1.052184	
86	0	BLANK	1	BLNK	1	1	142	0.012939	
B	0	Baseline	1	RB	1	1	0	0.011762	BL

Report Results by Sample
Result path: Z:\GENCHEM\ALPKEM~2\2013\NITROC~1\042313A.RST
Sample table path: Z:\GENCHEM\ALPKEM~2\2013\NITROC~1\042313a.tbl
Method path: Y:\no3_no2.mth
Date acquired: 23-Apr-13
Time acquired: 15:12

Facility Name:
Facility Location:
Department:

Operator Name: JRS
Operator ID: JRS

Platform: FS III/IV
Software Rev Code: 210
Data system ID: 57

Channel: 1
Analysis: Nitrate/Nitrite
CAS Number:
Methodology: NO2+NO3-353.2/N02-353.2/WS-WC-0050

	Temp	Warmup	Run time	Reps
rack 1	Off	1134:03:50	1:38:15	14
rack 2	Off	1134:03:50	1:38:15	14
rack 3	Off	1134:03:50	1:38:15	14

Notes

Cup	Name	S	1:Time	1:Value	1:S
0	Baseline	C	12:17:23	0.01	[C]
102	Cal 5	C	12:19:23	2.01	[C]
103	Cal 4	C	12:21:23	0.99	[C]
104	Cal 3	C	12:23:24	0.39	[C]
105	Cal 2	C	12:25:24	0.20	[C]
106	Cal 1	C	12:27:24	0.05	[C]
0	Cal 0	C	12:29:24	0.01	[C]
107	ICV	-	12:31:24	0.98	[-]
0	BLANK/ICB	C	12:33:24	0.01	[C]
106	MRL	-	12:35:25	0.05	[-]
108	NO2 1PPM	-	12:37:25	0.96	[-]
109	NO3 1PPM	-	12:39:25	0.98	[-]
0	Blank	C	12:41:25	0.01	[C]
0	Baseline	C	12:43:25	0.01	[C]
113	mb 320-14670/1-b	-	12:45:26	0.02	[-]
114	lcs 320-14670/2-b	-	12:47:26	0.95	[-]
115	240-22648-f-13-d	-	12:49:26	0.07	[-]
116	240-22648-f-29-d	-	12:51:26	0.05	[-]
117	240-22648-f-30-d	-	12:53:26	0.04	[-]
118	240-22648-f-36-d	-	12:55:26	0.05	[-]
106	MRL	-	12:57:27	0.06	[-]
103	CCV	-	12:59:27	1.02	[-]
0	BLANK	C	13:01:27	0.02	[C]
0	Baseline	C	13:03:27	0.01	[C]
119	240-22648-f-38-d	-	13:05:27	0.03	[-]
120	240-22648-f-40-d	-	13:07:27	0.02	[-]
121	240-22648-f-43-d	-	13:09:28	0.02	[-]
122	240-22648-f-53-d	-	13:11:28	0.03	[-]
123	240-22663-f-4-h	-	13:13:28	0.02	[-]
124	240-22663-f-7-d	-	13:15:28	0.02	[-]
125	240-22663-f-17-d	-	13:17:28	0.03	[-]
126	240-22663-f-26-d	-	13:19:29	0.02	[-]
127	240-22663-f-28-d	-	13:21:29	0.08	[-]
128	240-22804-f-4-d	-	13:23:29	0.02	[-]
106	MRL	-	13:25:29	0.06	[-]
103	CCV	-	13:27:29	1.02	[-]
0	BLANK	C	13:29:29	0.01	[C]
0	Baseline	C	13:31:30	0.01	[C]
129	240-22852-g-1-j	-	13:33:30	0.03	[-]
130	240-22852-g-1-k ms	-	13:35:30	0.36	[-]
131	240-22852-g-1-l msd	-	13:37:30	0.34	[-]
106	MRL	-	13:39:30	0.06	[-]
103	CCV	-	13:41:30	1.02	[-]
0	BLANK	C	13:43:31	0.01	[C]
0	Baseline	C	13:45:31	0.01	[C]
132	mb 320-14751/1-b	-	13:47:31	0.02	[-]
133	lcs 320-14751/2-b	-	13:49:31	0.62	[-]
134	320-2137-a-1-m	-	13:51:31	0.26	[-]
135	320-2137-a-1-n ms	-	13:53:31	1.00	[-]
136	320-2137-a-1-o msd	-	13:55:32	1.10	[-]
103	CCV	-	13:57:32	1.02	[-]
0	BLANK	C	13:59:32	0.01	[C]
0	Baseline	C	14:01:32	0.01	[C]
137	mb 320-14749/1-b	-	14:03:32	0.02	[-]
138	lcs 320-14749/2-b	-	14:05:32	0.86	[-]
139	320-2307-a-19-b	-	14:07:33	0.03	[-]
140	320-2307-a-20-b	-	14:09:33	0.04	[-]
141	320-2307-a-21-b	-	14:11:33	0.05	[-]
142	320-2307-a-22-b	-	14:13:33	0.35	[-]
143	320-2307-a-23-b	-	14:15:33	0.41	[-]
144	320-2307-a-24-b	-	14:17:34	0.24	[-]
145	320-2307-a-25-b	-	14:19:34	0.12	[-]
146	320-2307-b-25-c ms	-	14:21:34	0.54	[-]
103	CCV	-	14:23:34	1.06	[-]
0	BLANK	C	14:25:34	0.01	[C]
0	Baseline	C	14:27:34	0.01	[C]
147	320-2307-b-25-d msd	-	14:29:35	0.53	[-]
148	320-2307-b-26-b	-	14:31:35	0.05	[-]
149	320-2307-a-27-b	-	14:33:35	0.04	[-]
150	320-2307-a-28-b	-	14:35:35	0.04	[-]
151	320-2307-a-29-b	-	14:37:35	0.04	[-]
152	320-2307-a-30-b	-	14:39:35	0.05	[-]
153	320-2307-a-31-c	-	14:41:36	0.04	[-]
154	320-2307-a-31-d ms	-	14:43:36	0.54	[-]
155	320-2307-b-31-b msd	-	14:45:36	0.43	[-]
156	320-2307-b-32-b	-	14:47:36	0.04	[-]

103 CCV - 14:49:36 1.06 [-]
0 BLANK C 14:51:37 0.01 [C]
0 Baseline C 14:53:37 0.01 [C]
157 320-2307-b-33-b - 14:55:37 0.05 [-]
158 320-2307-b-34-d - 14:57:37 0.05 [-]
159 320-2307-b-34-e ms - 14:59:37 0.47 [-]
160 320-2307-b-34-f msd - 15:01:37 0.36 [-]
103 CCV - 15:03:38 1.05 [-]
0 BLANK C 15:05:38 0.01 [C]
0 Baseline C 15:07:38 0.01 [C]

Nitrate/Nitrite:Calibration 1: Peak 3-87

File name: Z:\GENCHEM\ALPKEM~2\2013\NITROC~1\042313A.RST
Date: 23-Apr-13
Operator: JRS

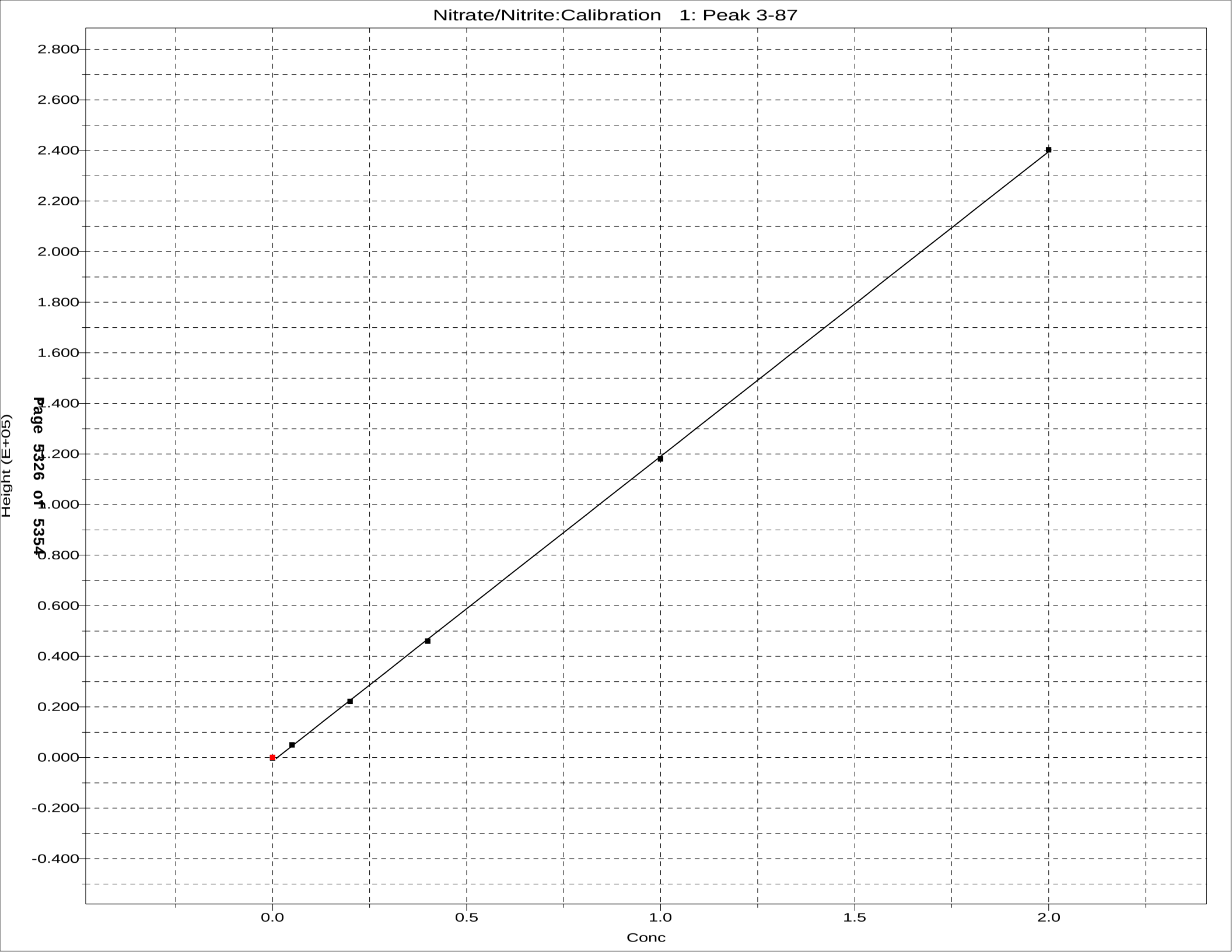
*	Name	Conc	Height
*	Cal 5	2.000000	240248.328125
*	Cal 4	1.000000	118042.242188
*	Cal 3	0.400000	45997.898438
*	Cal 2	0.200000	22161.398438
*	Cal 1	0.050000	4990.754883
*	Cal 0	0.000000	-194.564941

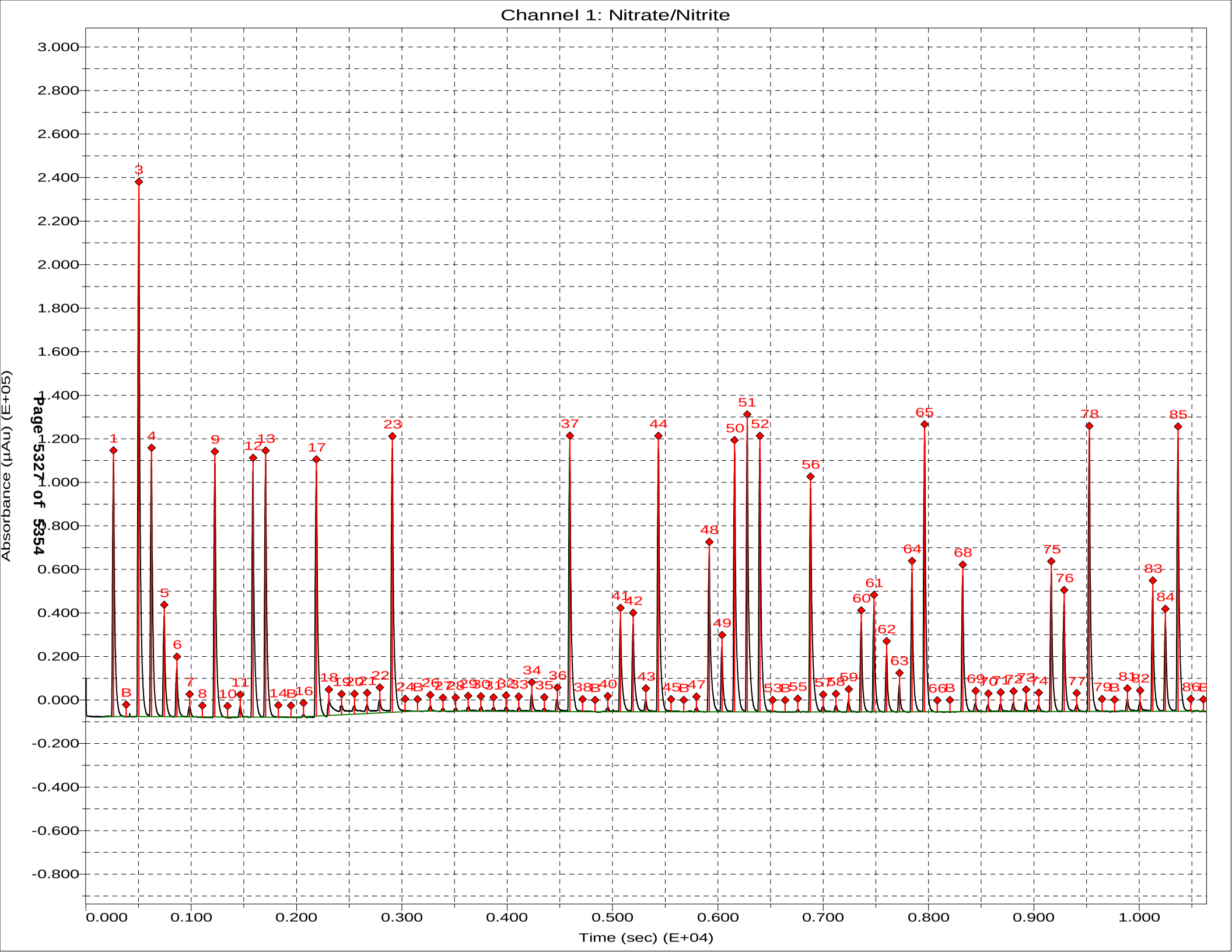
Calib Coef:
y=bx+a
a: (intercept) -1.4171e+03
b: 1.2048e+05

Corr Coef: 0.999953

Carryover: n/a

No Drift Peaks


Nitrate/Nitrite:Calibration 1: Peak 3-87
2.800
2.600
2.400
2.200
2.000
1.800
1.600
1.400
1.200
1.000
0.800
0.600
0.400
0.200
0.000
-0.200
-0.400
Height (E+05)
0.0
0.5
1.0
1.5
2.0
Conc


Channel 1: Nitrate/Nitrite
Absorbance (µAu) (E+05)
Time (sec) (E+04)
Page 5327 of 5354

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Batch Number: 80985 Batch Start Date: 04/08/13 11:14 Batch Analyst: Stiller, Jennifer

Batch Method: Moisture Batch End Date: 04/09/13 10:45

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
240-22648-A-1	073SB-0016M-0001-SO	Moisture	T	4.4306 g	8.8766 g	8.8420 g			
240-22648-A-2	073SB-0017M-0001-SO	Moisture	T	4.4306 g	7.1440 g	7.1226 g			
240-22648-A-3	073SB-0019M-0001-SO	Moisture	T	4.4306 g	8.1921 g	8.1709 g			
240-22648-A-4	073SB-0020M-0001-SO	Moisture	T	4.4306 g	7.9131 g	7.8879 g			
240-22648-A-5	073SB-0021M-0001-SO	Moisture	T	4.4306 g	8.0876 g	8.0628 g			
240-22648-A-6	073SB-0022M-0001-SO	Moisture	T	4.4306 g	8.5946 g	8.5727 g			
240-22648-A-7	073SB-0023M-0001-SO	Moisture	T	4.4306 g	10.6406 g	10.6018 g			
240-22648-A-8	073SB-0024M-0001-SO	Moisture	T	4.4306 g	9.7467 g	9.6967 g			
240-22648-A-9	073SB-0067-0001-SO	Moisture	T	4.4306 g	23.4938 g	20.8949 g			
240-22648-A-10	073SD-0045-0001, 0002-SO	Moisture	T	4.4306 g	18.3770 g	9.8955 g			
240-22648-B-10 DU	073SD-0045-0001, 0002-SO	Moisture	T	4.4306 g	14.5648 g	9.6037 g			
240-22648-A-11	073SD-0047-0001-SO	Moisture	T	4.4306 g	25.8161 g	18.5651 g			
240-22648-A-12	073SD-0048-0001-SO	Moisture	T	4.4306 g	23.2819 g	16.6271 g			
240-22648-D-13	073SD-0050-0001-SO	Moisture	T	4.4306 g	10.0035 g	8.1019 g			
240-22648-A-14	073SD-0046-0001-SO	Moisture	T	4.4306 g	18.9707 g	9.9209 g			
240-22648-A-22	079SB-0055M-0001-SO	Moisture	T	4.4306 g	8.7899 g	8.7296 g			
240-22648-A-23	079SB-0057M-0001-SO	Moisture	T	4.4306 g	9.0025 g	8.9405 g			
240-22648-A-24	079SB-0058M-0001-SO	Moisture	T	4.4306 g	9.0739 g	9.0207 g			
240-22648-A-25	079SB-0059M-0001-SO	Moisture	T	4.4306 g	8.2849 g	8.2342 g			
240-22648-A-26	079SB-0060M-0001-SO	Moisture	T	4.4306 g	9.8016 g	9.7521 g			
240-22648-A-27	079SB-0061M-0001,0002-SO	Moisture	T	4.4306 g	8.3391 g	8.2870 g			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Batch Number: 80985 Batch Start Date: 04/08/13 11:14 Batch Analyst: Stiller, Jennifer

Batch Method: Moisture Batch End Date: 04/09/13 10:45

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
240-22648-B-27 DU	079SB-0061M-0001 ,0002-SO	Moisture	T	4.4306 g	8.3303 g	8.2740 g			
240-22648-A-28	079SB-0062M-0001 -SO	Moisture	T	4.4306 g	8.2506 g	8.1953 g			
240-22648-D-29	079SB-0063M-0001 -SO	Moisture	T	4.4306 g	10.6268 g	9.8043 g			
240-22648-D-30	079SB-0064M-0001 -SO	Moisture	T	4.4306 g	10.6749 g	9.6892 g			
240-22648-A-31	079SB-0075-0001- SO	Moisture	T	4.4306 g	16.4160 g	14.0739 g			
240-22648-A-32	079SB-0065M-0001 -SO	Moisture	T	4.4306 g	8.5503 g	8.4894 g			
240-22648-A-33	079SB-0066M-0001 -SO	Moisture	T	4.4306 g	7.8195 g	7.7688 g			
240-22648-A-34	079SB-0067M-0001 -SO	Moisture	T	4.4306 g	9.6336 g	9.5738 g			
240-22648-A-35	079SB-0068M-0001 -SO	Moisture	T	4.4306 g	10.8859 g	10.8075 g			
240-22648-D-36	079SB-0069M-0001 -SO	Moisture	T	4.4306 g	10.4935 g	9.2683 g			
240-22648-A-37	079SB-0070M-0001 ,0002-SO	Moisture	T	4.4306 g	9.0015 g	8.9405 g			
240-22648-B-37 DU	079SB-0070M-0001 ,0002-SO	Moisture	T	4.4306 g	9.1457 g	9.0857 g			
240-22648-D-38	079SB-0071M-0001 -SO	Moisture	T	4.4306 g	10.2742 g	9.1557 g			
240-22648-A-39	079SB-0072M-0001 ,0002-SO	Moisture	T	4.4306 g	8.9257 g	8.8639 g			
240-22648-B-39 DU	079SB-0072M-0001 ,0002-SO	Moisture	T	4.4306 g	10.1366 g	10.0600 g			
240-22648-D-40	079SB-0074M-0001 -SO	Moisture	T	4.4306 g	10.7030 g	9.5190 g			
240-22648-A-41	068SB-0044M-0001 -SO	Moisture	T	4.4306 g	9.2369 g	9.1670 g			
240-22648-A-42	068SB-0045M-0001 -SO	Moisture	T	4.4306 g	10.5225 g	10.4495 g			
240-22648-D-43	068SB-0046M-0001 -SO	Moisture	T	4.4306 g	10.3274 g	8.9758 g			
240-22648-A-44	068SB-0047M-0001 -SO	Moisture	T	4.4306 g	9.1672 g	9.1054 g			
240-22648-A-45	068SB-0048M-0001 -SO	Moisture	T	4.4306 g	11.7744 g	11.6722 g			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Batch Number: 80985 Batch Start Date: 04/08/13 11:14 Batch Analyst: Stiller, Jennifer

Batch Method: Moisture Batch End Date: 04/09/13 10:45

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
240-22648-A-46	068SB-0033M-0001-SO	Moisture	T	4.4306 g	9.7945 g	9.7193 g			
240-22648-A-47	068SB-0034M-0001-SO	Moisture	T	4.4306 g	8.9193 g	8.8678 g			
240-22648-A-48	068SB-0035M-0001-SO	Moisture	T	4.4306 g	7.4672 g	7.4184 g			
240-22648-A-49	068SB-0038M-0001-SO	Moisture	T	4.4306 g	7.8743 g	7.8199 g			
240-22648-A-49 DU	068SB-0038M-0001-SO	Moisture	T	4.4306 g	7.8074 g	7.7562 g			
240-22648-A-50	068SB-0036M-0001-SO	Moisture	T	4.4306 g	8.4175 g	8.3522 g			
240-22648-A-51	068SB-0039M-0001-SO	Moisture	T	4.4306 g	7.5816 g	7.5363 g			
240-22648-A-52	068SB-0040M-0001-SO	Moisture	T	4.4306 g	8.1682 g	8.1289 g			
240-22648-D-53	068SB-0041M-0001-SO	Moisture	T	4.4306 g	10.4087 g	9.4076 g			
240-22648-A-54	068SB-0042M-0001-SO	Moisture	T	4.4306 g	7.8438 g	7.8113 g			
240-22648-A-55	068SB-0050M-0001-SO	Moisture	T	4.4306 g	8.1587 g	8.1246 g			
240-22648-A-56	068SB-0051M-0001-SO	Moisture	T	4.4306 g	11.8570 g	11.8153 g			
240-22648-A-57	068SB-0052M-0001-SO	Moisture	T	4.4306 g	11.2767 g	11.2298 g			
240-22648-A-58	068SB-0053M-0001-SO	Moisture	T	4.4306 g	8.6270 g	8.5923 g			
240-22648-A-59	068SB-0054M-0001-SO	Moisture	T	4.4306 g	8.2171 g	8.1853 g			
240-22648-A-60	068SB-0056M-0001-SO	Moisture	T	4.4306 g	9.6388 g	9.6066 g			
240-22648-A-61	068SB-0057M-0001-SO	Moisture	T	4.4306 g	9.0175 g	8.9818 g			
240-22648-A-62	068SB-0059M-0001-SO	Moisture	T	4.4306 g	8.9420 g	8.9013 g			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-22648-1

SDG No.:

Batch Number: 80985 Batch Start Date: 04/08/13 11:14 Batch Analyst: Stiller, Jennifer

Batch Method: Moisture Batch End Date: 04/09/13 10:45

Batch Notes	
Balance ID	B047 No Unit
Date samples were placed in the oven	4-8-13
Oven Temp when samples are put in oven	102.0 Degrees C
Time samples were place in the oven	12:20pm
Date samples were removed from oven	4-9-13
Oven Temp when samples removed from oven	103.4 Degrees C
Time Samples were removed from oven	5:30
Oven ID	002
ID number of the thermometer	TEMPGUARD BOX C #6

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Batch Number: 13864 Batch Start Date: 04/09/13 06:35 Batch Analyst: Phan, Tuan

Batch Method: 353.2 (NCell) Batch End Date: 04/09/13 12:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	HPNCSP 00008			
MB 320-13864/1		353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050		100 mL	50 mL				
LCS 320-13864/2		353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050		100 mL	50 mL	1 mL			
240-22648-N-18	073SW-0061-0001-SW	353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050	T	100 mL	50 mL				
240-22648-N-18 MS	073SW-0061-0001-SW	353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050	T	100 mL	50 mL	1 mL			
240-22648-N-18 MSD	073SW-0061-0001-SW	353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050	T	100 mL	50 mL	1 mL			

Batch Notes	
Acetone Lot #	baker 0000010624
Batch Comment	BRIJ SOLUTION SIGMA 100M6013
Centrifuge Tube	BD FALCOM 2142558
Membrane Filter	MILIIPORE R2JA47614
Millipore Water Dispense Date	4/5/13

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Batch Number: 13964 Batch Start Date: 04/10/13 05:10 Batch Analyst: Phan, Tuan

Batch Method: 353 (NCell-Hyd) Batch End Date: 04/10/13 09:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
MB 320-13864/1-A		353 (NCell-Hyd), WS-WC-0050		50 mL	40 mL				
LCS 320-13864/2-A		353 (NCell-Hyd), WS-WC-0050		50 mL	40 mL				
240-22648-N-18-A	073SW-0061-0001-SW	353 (NCell-Hyd), WS-WC-0050	T	50 mL	40 mL				
240-22648-N-18-B MS	073SW-0061-0001-SW	353 (NCell-Hyd), WS-WC-0050	T	50 mL	40 mL				
240-22648-N-18-C MSD	073SW-0061-0001-SW	353 (NCell-Hyd), WS-WC-0050	T	50 mL	40 mL				

Batch Notes	
0.45 Filter Vendor/Lot	MILLIPORE R2SA72748
Batch Comment	BRIJ SOLUTION SIGMA 100M6013
Centrifuge Tube	BD FALCOM 2142558
Sulfuric Acid Lot Number	Sulfuric Acid_00001
Millipore Water Dispense Date	4/5/13
NaOH Lot #	1NNaOH_00002

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Batch Number: 14024 Batch Start Date: 04/10/13 10:48 Batch Analyst: Stredny, Joseph

Batch Method: WS-WC-0050 Batch End Date: 04/10/13 12:36

Lab Sample ID	Client Sample ID	Method Chain	Basis	WC-353.2-ICV 00021	WC-353.2-L4 00015				
ICV 320-14024/8		WS-WC-0050		# mL					
CCV 320-14024/34		WS-WC-0050			# mL				
CCV 320-14024/47		WS-WC-0050			# mL				

Batch Notes	
Nitrocellulose Assay	0.119
Color Reagent 1 ID	4525-WC-21-3, Exp. 7/5/13
NO2/NO3 Indicator ID #	4525-WC-21-1 e. 5.31.13

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Batch Number: 14670 Batch Start Date: 04/19/13 06:02 Batch Analyst: Phan, Tuan

Batch Method: 353.2 (NCell) Batch End Date: 04/19/13 11:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	HPNCSP 00008			
MB 320-14670/1		353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050		10.00 g	45 mL				
LCS 320-14670/2		353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050		10.00 g	45 mL	1 mL			
240-22648-F-13	073SD-0050-0001-SO	353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050	T	10.03 g	45 mL				
240-22648-F-29	079SB-0063M-0001-SO	353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050	T	10.20 g	45 mL				
240-22648-F-30	079SB-0064M-0001-SO	353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050	T	10.54 g	45 mL				
240-22648-F-36	079SB-0069M-0001-SO	353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050	T	10.07 g	45 mL				
240-22648-F-38	079SB-0071M-0001-SO	353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050	T	9.94 g	45 mL				
240-22648-F-40	079SB-0074M-0001-SO	353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050	T	10.09 g	45 mL				
240-22648-F-43	068SB-0046M-0001-SO	353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050	T	10.13 g	45 mL				
240-22648-F-53	068SB-0041M-0001-SO	353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050	T	9.99 g	45 mL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Batch Number: 14670 Batch Start Date: 04/19/13 06:02 Batch Analyst: Phan, Tuan

Batch Method: 353.2 (NCell) Batch End Date: 04/19/13 11:15

Batch Notes	
1:1 MeOH/H2O	HPMeOH/H2O_00010
Acetone Lot #	BAKER 0000010624
Centrifuge Tube	BD FALCOM 2142558

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Batch Number: 14752 Batch Start Date: 04/22/13 05:45 Batch Analyst: Phan, Tuan

Batch Method: 353 (NCell-Hyd) Batch End Date: 04/22/13 09:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
MB 320-14670/1-A		353 (NCell-Hyd), WS-WC-0050		45 mL	40 mL				
LCS 320-14670/2-A		353 (NCell-Hyd), WS-WC-0050		45 mL	40 mL				
240-22648-F-13-C	073SD-0050-0001-SO	353 (NCell-Hyd), WS-WC-0050	T	45 mL	40 mL				
240-22648-F-29-C	079SB-0063M-0001-SO	353 (NCell-Hyd), WS-WC-0050	T	45 mL	40 mL				
240-22648-F-30-C	079SB-0064M-0001-SO	353 (NCell-Hyd), WS-WC-0050	T	45 mL	40 mL				
240-22648-F-36-C	079SB-0069M-0001-SO	353 (NCell-Hyd), WS-WC-0050	T	45 mL	40 mL				
240-22648-F-38-C	079SB-0071M-0001-SO	353 (NCell-Hyd), WS-WC-0050	T	45 mL	40 mL				
240-22648-F-40-C	079SB-0074M-0001-SO	353 (NCell-Hyd), WS-WC-0050	T	45 mL	40 mL				
240-22648-F-43-C	068SB-0046M-0001-SO	353 (NCell-Hyd), WS-WC-0050	T	45 mL	40 mL				
240-22648-F-53-C	068SB-0041M-0001-SO	353 (NCell-Hyd), WS-WC-0050	T	45 mL	40 mL				

Batch Notes	
0.45 Filter Vendor/Lot	MILLIPORE R2SA72748
Centrifuge Tube	BD FALCOM 2142558
Sulfuric Acid Lot Number	Sulfuric Acid_00001
Millipore Water Dispense Date	4/21/13
NaOH Lot #	1NNaOH_00002

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Batch Number: 14752 Batch Start Date: 04/22/13 05:45 Batch Analyst: Phan, Tuan

Batch Method: 353 (NCell-Hyd) Batch End Date: 04/22/13 09:00

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22648-1

SDG No.:

Batch Number: 14914 Batch Start Date: 04/23/13 12:17 Batch Analyst: Stredny, Joseph

Batch Method: WS-WC-0050 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	WC-353.2-ICV 00022	WC-353.2-L1 00022	WC-353.2-L4 00016			
ICV 320-14914/8		WS-WC-0050		# mL					
MRL 320-14914/10		WS-WC-0050			# mL				
MRL 320-14914/21		WS-WC-0050			# mL				
CCV 320-14914/22		WS-WC-0050				# mL			
CCV 320-14914/36		WS-WC-0050				# mL			
CCV 320-14914/43		WS-WC-0050				# mL			

Batch Notes	
Nitrocellulose Assay	0.119
Color Reagent 1 ID	4525-wc-21-3, Exp: 07/5/13
NO2/NO3 Indicator ID #	4525-WC-21-7, Exp: 05/31/13

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Subcontract Data

Shipping and Receiving Documents

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0408)

Client	Project Manager	Date	Chain of Custody Number
ECC	A. KASTENOW	3-29-13	008862
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 1 of 6
33 BOSTON POST ROAD WEST #420			
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
MARLBORO / MA / 01752	J. DONOVAN	MARK LOKB	
Project Name and Location (State)	**Carrier/Waybill Number**		
RAVENNA	LAB PICK UP		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Analysis: SVOC	TAL METALS	Special Instructions/ Conditions of Receipt
07358-0016M-0001-SO	3-28-13	1108			X	X	X						X	X	
-0017M-		1108													
-0019M-		1110													
-0020M-		0952													
-0021M-		1003													
-0022M-		1054													
-0023M-		1112													
-0024M-		1007													
-0067M-		1134													DISCRETE
07350-0045-0001-SO		1400			X										MS/MSD
07350-0045-0002-SO		1400			X										DISCRETE
07350-0047-0001-SO		1325			X										

240-22648 Chain of Custody

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Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other STANDARD

QC Requirements (Specify)

	Relinquished By	Date	Time	Received By	Date	Time
1.		3-29-13	1630		3/29/13	1630
2.						
3.		3/29/13	1730		3-29-13	1731

Comments
M = 15M

DISTRIBUTION: *WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy*

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0408)

Client	Project Manager	Date	Chain of Custody Number
ECC		3-29-13	008864
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 2 of 6**
33 BOSTON POST ROAD WEST			
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
MARLBORO		MARK LORD	
Project Name and Location (State)	**Carrier/Waybill Number**		
RAYNHAM	LAB PICK UP		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Analysis: SVOC	TAL METALS	PCB	PESTICIDE	VOC	EXPLOSIVES	PROPELLANTS	% SOLID	Special Instructions/ Conditions of Receipt
0735D-0048-0001-SD	3-28-13	1325			X		X						X	X							
0735D-0050-0001-SD		1305			X								X	X	X	X	X	X	X	X	FULL SUITE
0735D-0046-0001-SD		1345			X								X	X							
0735W-0056-0001-SW		1355		X																	
0735W-0056-0002-SW		1355																			MS/MSD
0735W-0058-0001-SW		1330																			
0735W-0059-0001-SW		1330																			
0735W-0061-0001-SW		1300																			
0735W-0063-0001-SW		1350																			
0735W-0057-0001-TB	3-29-13	0800		X						X							X				TRIP BLANK
0735W-0067-0001-SW	3-28-13	1350		X			X														

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Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other STANDARD

QC Requirements (Specify)

1. Relinquished By	Date	Time	1. Received By	Date	Time
	3-29-13	1630		3/29/13	1630
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time
	3/29/13	1720		3.29.13	1730

Comments ALL SAMPLES ON THIS COC ARE DISCARTE

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0408)

Client	Project Manager	Date	Chain of Custody Number
ECC	A. Easterday	3-29-13	008867
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 3 of 6
33 Boston Post Road West #420			
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Marlborough / MA / 01752	J. Donovan	Mark Lorb	
Project Name and Location (State)	**Carrier/Waybill Number**		
Ravenna	LAB PICK UP		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H_2SO_4	HNO_3	HCl	NaOH	Zn Ac/ NaOH	MeOH	Analysis: TAL Metals	VOC	SVOC	PCB	Pesticide	Explosive	Propellant	% Solid	Special Instructions/ Conditions of Receipt
0795B-0055M-0001-SD	3-28-13	1522			X		X							X								
0795B-0057M-0001-SO		1522																				
0795B-0058M-0001-SO		1527																				
-0059M-		1527																				
-0060M-		1525																				
-0061M-		1512																				
0795B-0061M-0002-SO		1512																				MS/MSD
0795B-0062M-0001-SO		1450																				
-0063M-		1437								X			X	X	X	X	X	X	X	X	X	FULL SUITE
-0064M-		1400								X			X	X	X	X	X	X	X	X	X	FULL SUITE
-0075-		1421												X								DISCRETE
-0065M-		1711												X								

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Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other STANDARD

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	3-29-13	1630	1. Received By	3/29/13	1630
2. Relinquished By			2. Received By		
3. Relinquished By	3/29/13	1730	3. Received By	3-29-13	1730

Comments
M = 15M

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0408)

Client	Project Manager	Date	Chain of Custody Number
ECC	A. FASTRNAK	3-29-13	008865
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 4 of 6**
33 BOSTON POST RD			
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
MARLBORO / MA / 01752	J. DONOVAN	MARK LOEB	
Project Name and Location (State)	**Carrier/Waybill Number**		
RAYTHEON	LAB PICK UP		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	MeOH	Analysis: TAL METALS	VOC	SVOC	PCB	PESTICIDE	EXPLOSIVE	DRO/GRO	% SOLID	Special Instructions/ Conditions of Receipt
0795B-0066M-0001-SO	3-28-13	1711				X	X							X								
-0067M-		1712												X								
-0068M-		1712												X								
-0069M-		1615						X					X	X	X	X	X	X	X	X	X	FULL SUITE
-0070M-		1630												X								
-0070M-0002-SO		1630												X								MS/MSD
-0071M-0001-SO		1634						X					X	X	X	X	X	X	X	X	X	FULL SUITE
-0072M-		1653												X								
-0072M-0002-SO		1653												X								MS/MSD
-0074M-0001-SO		1720						X					X	X	X	X	X	X	X	X	X	FULL SUITE

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Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other STANDARD

QC Requirements (Specify)

	Relinquished By	Date	Time	Received By	Date	Time
1.		3-29-13	1630		3/29/13	1630
2.						
3.		3/29/13	1730		3-29-13	1730

Comments
n = 15M

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0408)

Client	Project Manager	Date	Chain of Custody Number
ECC	A. Easterday	3-29-13	008868
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 5 **of** 6
33 Boston Post Rd W. #420			
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Marlborough / MA / 01752	J. Donovan	Mark Loeb	
Project Name and Location (State)	**Carrier/Waybill Number**		
Ravenna	LAB PICK UP		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	MeOH	Analysis: TAL METALS	PCB	SVOC	Perfluoro	VOC	PESTICIDE	EXPLOSIVE	PROPELLANTS	% SOLID	Special Instructions/ Conditions of Receipt
06SB-0044M-0001-SO	3/29/13	1024				X	X							X	X	X							
-0045M-		1023												X	X	X							
-0046M-		0937						X					X	X	X	X			X	X	X	X	FULL SUITE
-0047M-		1025												X	X	X							
-0048M-		1007												X	X	X							
06SB-0033M-0001-SO	3/29/13	0915												X	X	X							
-0034M-		0919												X	X	X							
-0035M-		0826												X	X	X							
-0038M-		0920												X	X	X							
-0036M-		0826												X	X	X							
-0039M-		0852												X	X	X							
-0040M-		0859												X	X	X							

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Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other STANDARD

QC Requirements (Specify)

	Relinquished By	Date	Time	Received By	Date	Time
1.		3-29-13	1630		3/29/13	1630
2.						
3.		3/29/13	1730		3-29-13	1730

Comments

DISTRIBUTION: *WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy*

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0408)

Client	Project Manager	Date	Chain of Custody Number
ECC	Al Easterday	3-29-13	008866
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 6 of 6**
33 Boston Post Rd West #420			
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Marlborough / MA / 01752	J. Donovan	Mark Locb	
Project Name and Location (State)	**Carrier/Waybill Number**		
Ravenna	CAB pick up		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	# cont.	TAL Metals	SVOC	PCB	VOC	Pesticide	Explosive	Pharmaceut	% Solid	Special Instructions/ Conditions of Receipt
068SB-0041M-0001-SO	3/29/13	0912				X	X	X					X	X	X	X	X	X	X	X	X	FULL SUITE
068SB-0042M-0001-SO		0833																				
-0050M-		1157																				
-0051M-		1158																				
-0052M-		1200																				
-0053M-		1118																				
-0054M-		1118																				
-0056M-		1135																				
-0057M-		1126																				
-0059M-		1147																				

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Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other STANDARD

QC Requirements (Specify)

1. Relinquished By	Date	Time	1. Received By	Date	Time
Jeff Dunn	3-29-13	1630	[signature]	3/29/13	1630
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time
[signature]	3/29/13	1730	[signature]	3-29-13	1730

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

TestAmerica Canton Sample Receipt Form/Narrative Login # : 22648

Client ECC Site Name _____ By: _____ (Signature)

Cooler Received on 3-29-13 Opened on 3-29-13

FedEx: 1st Grd Exp UPS FAS Stetson Client Drop Off (TestAmerica Courier) Other _____

TestAmerica Cooler # _____ Foam Box Client Cooler Box Other _____

Packing material used: (Bubble Wrap) Foam Plastic Bag None Other _____

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# 1	(CF –2 °C) Observed Sample Temp._____°C	Corrected Sample Temp._____°C	
IR GUN# 4G	(CF 0 °C) Observed Sample Temp._____°C	Corrected Sample Temp._____°C	☑ Multiple on Back
IR GUN# 5G	(CF 0 °C) Observed Sample Temp._____°C	Corrected Sample Temp._____°C	
IR GUN# 8	(CF 0 °C) Observed Sample Temp._____°C	Corrected Sample Temp._____°C	

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity_____	Yes (No)	
-Were custody seals on the outside of the cooler(s) signed & dated?	Yes No (NA)	
-Were custody seals on the bottle(s)?	Yes (No)	
3. Shippers' packing slip attached to the cooler(s)?	Yes (No)	
4. Did custody papers accompany the sample(s)?	(Yes) No	
5. Were the custody papers relinquished & signed in the appropriate place?	(Yes) No	
6. Did all bottles arrive in good condition (Unbroken)?	(Yes) No	
7. Could all bottle labels be reconciled with the COC?	Yes (No)	
8. Were correct bottle(s) used for the test(s) indicated?	(Yes) No	
9. Sufficient quantity received to perform indicated analyses?	Yes (No)	
10. Were sample(s) at the correct pH upon receipt?	(Yes) No NA	
11. Were VOAs on the COC?	(Yes) No	
12. Were air bubbles >6 mm in any VOA vials?	Yes (No) NA	
13. Was a trip blank present in the cooler(s)?	(Yes) No	

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Per Client 0061 add to a full suite did not get sample 0063.

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). Nitric Acid Lot# 031512-HNO3; Sulfuric Acid Lot# 051012-H2SO4; Sodium Hydroxide Lot# 121809 -NaOH; Hydrochloric Acid Lot# 041911-HCl; Sodium Hydroxide and Zinc Acetate Lot# 100108-(CH3COO)2ZN/NaOH. What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials

Login Sample Receipt Checklist

Client: Environmental Chemical Corp.

Job Number: 240-22648-1

Login Number: 22648
List Number: 1
Creator: Watson, Debbie

List Source: TestAmerica Pittsburgh
List Creation: 04/09/13 02:22 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Environmental Chemical Corp.

Job Number: 240-22648-1

Login Number: 22648
List Number: 2
Creator: Watson, Debbie

List Source: TestAmerica Pittsburgh
List Creation: 04/09/13 02:24 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Environmental Chemical Corp.

Job Number: 240-22648-1

Login Number: 22648
List Number: 3
Creator: Watson, Debbie

List Source: TestAmerica Pittsburgh
List Creation: 04/09/13 02:28 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Environmental Chemical Corp.

Job Number: 240-22648-1

Login Number: 22648
List Number: 1
Creator: Peterson, Erik

List Source: TestAmerica Sacramento
List Creation: 04/03/13 03:28 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Environmental Chemical Corp.

Job Number: 240-22648-1

Login Number: 22648
List Number: 2
Creator: Hall, Megan

List Source: TestAmerica Sacramento
List Creation: 04/09/13 03:01 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.1
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	