FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: ICV 240-78295/19 Calibration Date: 03/14/2013 16:20

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 14:20

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/14/2013 16:00

Lab File ID: P3031419.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1623707372	1657587240		0.0255	0.0250	2.1	20.0
gamma-BHC (Lindane)	Ave	1455203462	1481817360		0.0255	0.0250	1.8	20.0
beta-BHC	Ave	618486639	622075960		0.0251	0.0250	0.6	20.0
delta-BHC	Ave	1480196914	1511043880		0.0255	0.0250	2.1	20.0
Heptachlor	Ave	1288059053	1306268120		0.0254	0.0250	1.4	20.0
Aldrin	Ave	1359987606	1402096240		0.0258	0.0250	3.1	20.0
Heptachlor epoxide	Ave	1229987574	1235797240		0.0251	0.0250	0.5	20.0
gamma-Chlordane	Ave	1263492565	1263679720		0.0250	0.0250	0.0	20.0
alpha-Chlordane	Ave	1289702829	1260713000		0.0244	0.0250	-2.2	20.0
Endosulfan I	Ave	1152636801	1161963920		0.0252	0.0250	0.8	20.0
4,4'-DDE	Ave	1266505227	1264201160		0.0250	0.0250	-0.2	20.0
Dieldrin	Ave	1268423751	1270559640		0.0250	0.0250	0.2	20.0
Endrin	Ave	1189138903	1165252080		0.0245	0.0250	-2.0	20.0
4,4'-DDD	Ave	970323691	966925320		0.0249	0.0250	-0.4	20.0
Endosulfan II	Ave	1094573989	1088347480		0.0249	0.0250	-0.6	20.0
4,4'-DDT	Ave	922210777	935210280		0.0254	0.0250	1.4	20.0
Endrin aldehyde	Ave	880698493	871829840		0.0247	0.0250	-1.0	20.0
Methoxychlor	Ave	461419504	466384360		0.0253	0.0250	1.1	20.0
Endosulfan sulfate	Ave	981061458	986783840		0.0251	0.0250	0.6	20.0
Endrin ketone	Ave	1144648217	1116671120		0.0244	0.0250	-2.4	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: ICV 240-78295/19 Calibration Date: 03/14/2013 16:20

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 14:20

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/14/2013 16:00

Lab File ID: P3031419.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.26	4.23	4.29
gamma-BHC (Lindane)	4.64	4.61	4.67
beta-BHC	4.78	4.75	4.81
delta-BHC	5.00	4.97	5.03
Heptachlor	5.29	5.26	5.32
Aldrin	5.76	5.73	5.79
Heptachlor epoxide	7.04	7.01	7.07
gamma-Chlordane	7.35	7.33	7.39
alpha-Chlordane	7.70	7.67	7.73
Endosulfan I	7.97	7.94	8.00
4,4'-DDE	8.06	8.03	8.09
Dieldrin	8.52	8.49	8.55
Endrin	8.97	8.94	9.00
4,4'-DDD	9.32	9.29	9.35
Endosulfan II	9.41	9.38	9.44
4,4'-DDT	9.84	9.81	9.87
Endrin aldehyde	10.20	10.17	10.23
Methoxychlor	10.78	10.75	10.81
Endosulfan sulfate	10.92	10.90	10.96
Endrin ketone	11.32	11.29	11.35

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130314-17984.b\P3031419.D
Lims ID: ICV Client ID:
Inject. Date: 14-Mar-2013 16:20:26 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0017984-019
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 19
Lims Batch ID: 78295 Lims Sample ID: 19
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130314-17984.b\PEST3.m
Last Update: 15-Mar-2013 07:54:39 Calib Date: 14-Mar-2013 20:00:25
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130314-17984.b\P3031430.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK032

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 alpha-BHC									
1	100	4.255	4.255	0.000	41439681	0.0255			
2	100	5.068	5.068	0.000	19171424	0.0249			
						RPD = 2.46			
20 gamma-BHC (Lindane)									
1	100	4.643	4.643	0.000	37045434	0.0255			
2	100	5.688	5.688	0.000	16712092	0.0247			
						RPD = 3.09			
7 beta-BHC									
1	100	4.777	4.777	0.000	15551899	0.0251			
2	100	5.883	5.883	0.000	7375532	0.0249			
						RPD = 0.81			
11 delta-BHC									
1	100	4.998	4.999	-0.001	37776097	0.0255			
2	100	6.507	6.508	-0.001	17185298	0.0247			
						RPD = 3.25			
22 Heptachlor									
1	100	5.293	5.293	0.000	32656703	0.0254			
2	100	6.579	6.580	-0.001	14171302	0.0243			
						RPD = 4.21			
4 Aldrin									
1	100	5.761	5.761	0.000	35052406	0.0258			
2	100	7.381	7.382	-0.001	16713132	0.0251			
						RPD = 2.68			
23 Heptachlor epoxide									
1	100	7.038	7.039	-0.001	30894931	0.0251			
2	100	8.820	8.821	-0.001	14386509	0.0247			
						RPD = 1.48			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
21 gamma-Chlordane									
1	100	7.353	7.355	-0.002	31591993	0.0250			
2	100	9.210	9.210	0.000	14442979	0.0246			
						RPD = 1.54			
6 alpha-Chlordane									
1	100	7.697	7.695	0.002	31517825	0.0244			
2	100	9.512	9.511	0.001	14616654	0.0239			
						RPD = 2.02			
14 Endosulfan I									
1	100	7.967	7.965	0.002	29049098	0.0252			
2	100	9.578	9.578	0.000	13055420	0.0246			
						RPD = 2.54			
2 4,4'-DDE									
1	100	8.058	8.060	-0.002	31605029	0.0250			
2	100	9.940	9.940	0.000	14935409	0.0245			
						RPD = 1.88			
13 Dieldrin									
1	100	8.516	8.517	-0.001	31763991	0.0250			
2	100	10.092	10.092	0.000	14573820	0.0245			
						RPD = 2.11			
17 Endrin									
1	100	8.967	8.966	0.001	29131302	0.0245			
2	100	10.607	10.608	-0.001	12970695	0.0242			
						RPD = 1.19			
1 4,4'-DDD									
1	100	9.320	9.318	0.002	24173133	0.0249			
2	100	10.931	10.930	0.001	10526065	0.0246			
						RPD = 1.18			
15 Endosulfan II									
1	100	9.412	9.411	0.001	27208687	0.0249			
2	100	10.975	10.975	0.000	11765233	0.0242			
						RPD = 2.54			
3 4,4'-DDT									
1	100	9.835	9.835	0.000	23380257	0.0254			
2	100	11.412	11.410	0.002	9853382	0.0249			
						RPD = 1.76			
18 Endrin aldehyde									
1	100	10.202	10.201	0.001	21795746	0.0247			
2	100	11.532	11.532	0.000	9579162	0.0242			
						RPD = 2.05			
27 Methoxychlor									
1	100	10.782	10.780	0.002	11659609	0.0253			
2	100	12.487	12.487	0.000	4975273	0.0249			
						RPD = 1.32			
16 Endosulfan sulfate									
1	100	10.924	10.925	-0.001	24669596	0.0251			
2	100	11.949	11.948	0.001	10968685	0.0248			
						RPD = 1.37			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
19 Endrin ketone									
1	100	11.322	11.322	0.000	27916778	0.0244			
2	100	12.699	12.699	0.000	11934924	0.0238			
						RPD = 2.46			

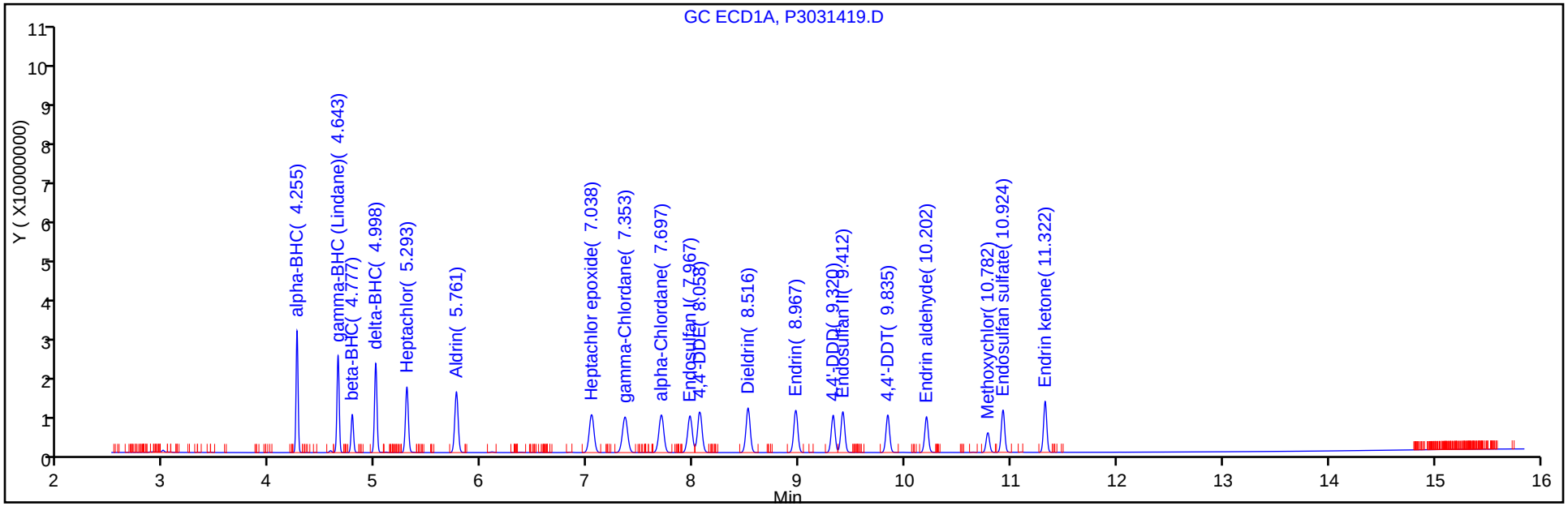
Report Date: 15-Mar-2013 07:54:42 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

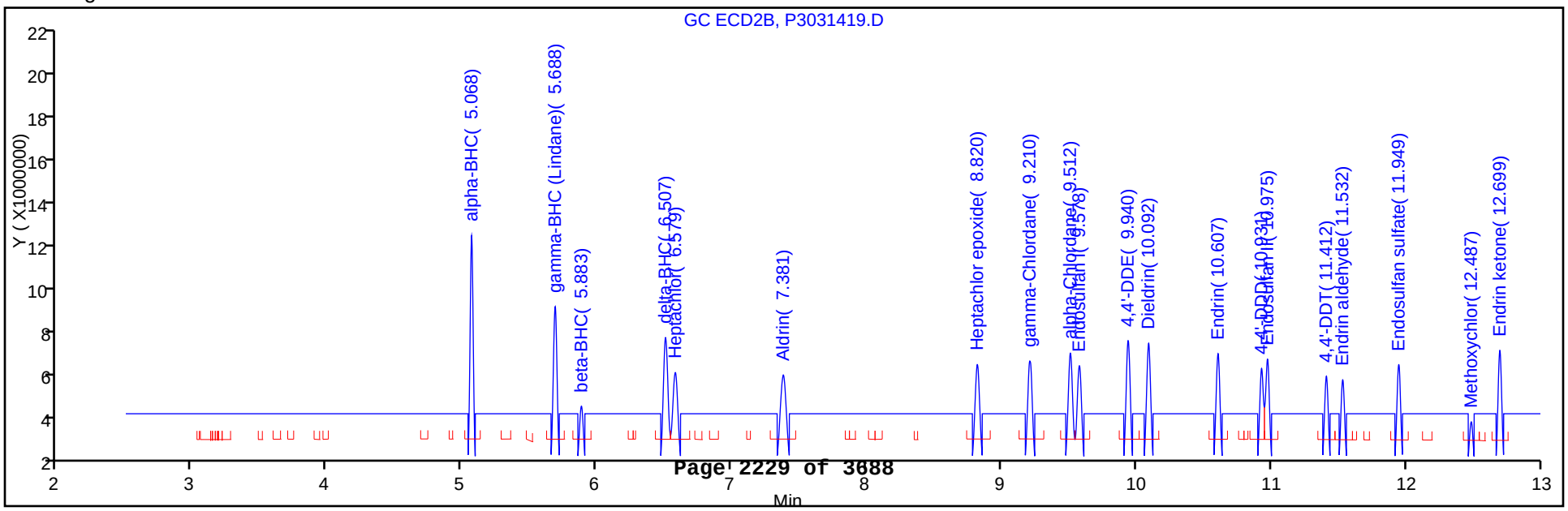
Data File: \\NCChrom\ChromData\A2HP3\20130314-17984.b\P3031419.D

Injection Date:	14-Mar-2013 16:20:26	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	78295	Lims Sample ID:	19
Operator ID:	402582	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
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: ICV 240-78295/19 Calibration Date: 03/14/2013 16:20

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 14:20

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/14/2013 16:00

Lab File ID: P3031419.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	769922401	766856960		0.0249	0.0250	-0.4	20.0
gamma-BHC (Lindane)	Ave	677058072	668483680		0.0247	0.0250	-1.3	20.0
beta-BHC	Ave	295707343	295021280		0.0249	0.0250	-0.2	20.0
delta-BHC	Ave	695621800	687411920		0.0247	0.0250	-1.2	20.0
Heptachlor	Ave	582970513	566852080		0.0243	0.0250	-2.8	20.0
Aldrin	Ave	666083583	668525280		0.0251	0.0250	0.4	20.0
Heptachlor epoxide	Ave	581320598	575460360		0.0247	0.0250	-1.0	20.0
gamma-Chlordane	Ave	586604093	577719160		0.0246	0.0250	-1.5	20.0
alpha-Chlordane	Ave	610326008	584666160		0.0239	0.0250	-4.2	20.0
Endosulfan I	Ave	531325762	522216800		0.0246	0.0250	-1.7	20.0
4,4'-DDE	Ave	609850598	597416360		0.0245	0.0250	-2.0	20.0
Dieldrin	Ave	594383876	582952800		0.0245	0.0250	-1.9	20.0
Endrin	Ave	535793583	518827800		0.0242	0.0250	-3.2	20.0
4,4'-DDD	Ave	427546511	421042600		0.0246	0.0250	-1.5	20.0
Endosulfan II	Ave	485472127	470609320		0.0242	0.0250	-3.1	20.0
4,4'-DDT	Ave	395546624	394135280		0.0249	0.0250	-0.4	20.0
Endrin aldehyde	Ave	395073591	383166480		0.0242	0.0250	-3.0	20.0
Endosulfan sulfate	Ave	442236050	438747400		0.0248	0.0250	-0.8	20.0
Methoxychlor	Ave	199518519	199010920		0.0249	0.0250	-0.3	20.0
Endrin ketone	Ave	501538938	477396960		0.0238	0.0250	-4.8	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: ICV 240-78295/19 Calibration Date: 03/14/2013 16:20

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 14:20

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/14/2013 16:00

Lab File ID: P3031419.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	5.07	5.04	5.10
gamma-BHC (Lindane)	5.69	5.66	5.72
beta-BHC	5.88	5.85	5.91
delta-BHC	6.51	6.48	6.54
Heptachlor	6.58	6.55	6.61
Aldrin	7.38	7.35	7.41
Heptachlor epoxide	8.82	8.79	8.85
gamma-Chlordane	9.21	9.18	9.24
alpha-Chlordane	9.51	9.48	9.54
Endosulfan I	9.58	9.55	9.61
4,4'-DDE	9.94	9.91	9.97
Dieldrin	10.09	10.06	10.12
Endrin	10.61	10.58	10.64
4,4'-DDD	10.93	10.90	10.96
Endosulfan II	10.98	10.95	11.01
4,4'-DDT	11.41	11.38	11.44
Endrin aldehyde	11.53	11.50	11.56
Endosulfan sulfate	11.95	11.92	11.98
Methoxychlor	12.49	12.46	12.52
Endrin ketone	12.70	12.67	12.73

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130314-17984.b\P3031419.D
Lims ID: ICV Client ID:
Inject. Date: 14-Mar-2013 16:20:26 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0017984-019
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 19
Lims Batch ID: 78295 Lims Sample ID: 19
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130314-17984.b\PEST3.m
Last Update: 15-Mar-2013 07:54:39 Calib Date: 14-Mar-2013 20:00:25
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130314-17984.b\P3031430.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK032

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 alpha-BHC									
1	100	4.255	4.255	0.000	41439681	0.0255			
2	100	5.068	5.068	0.000	19171424	0.0249			
						RPD = 2.46			
20 gamma-BHC (Lindane)									
1	100	4.643	4.643	0.000	37045434	0.0255			
2	100	5.688	5.688	0.000	16712092	0.0247			
						RPD = 3.09			
7 beta-BHC									
1	100	4.777	4.777	0.000	15551899	0.0251			
2	100	5.883	5.883	0.000	7375532	0.0249			
						RPD = 0.81			
11 delta-BHC									
1	100	4.998	4.999	-0.001	37776097	0.0255			
2	100	6.507	6.508	-0.001	17185298	0.0247			
						RPD = 3.25			
22 Heptachlor									
1	100	5.293	5.293	0.000	32656703	0.0254			
2	100	6.579	6.580	-0.001	14171302	0.0243			
						RPD = 4.21			
4 Aldrin									
1	100	5.761	5.761	0.000	35052406	0.0258			
2	100	7.381	7.382	-0.001	16713132	0.0251			
						RPD = 2.68			
23 Heptachlor epoxide									
1	100	7.038	7.039	-0.001	30894931	0.0251			
2	100	8.820	8.821	-0.001	14386509	0.0247			
						RPD = 1.48			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
21 gamma-Chlordane									
1	100	7.353	7.355	-0.002	31591993	0.0250			
2	100	9.210	9.210	0.000	14442979	0.0246			
						RPD = 1.54			
6 alpha-Chlordane									
1	100	7.697	7.695	0.002	31517825	0.0244			
2	100	9.512	9.511	0.001	14616654	0.0239			
						RPD = 2.02			
14 Endosulfan I									
1	100	7.967	7.965	0.002	29049098	0.0252			
2	100	9.578	9.578	0.000	13055420	0.0246			
						RPD = 2.54			
2 4,4'-DDE									
1	100	8.058	8.060	-0.002	31605029	0.0250			
2	100	9.940	9.940	0.000	14935409	0.0245			
						RPD = 1.88			
13 Dieldrin									
1	100	8.516	8.517	-0.001	31763991	0.0250			
2	100	10.092	10.092	0.000	14573820	0.0245			
						RPD = 2.11			
17 Endrin									
1	100	8.967	8.966	0.001	29131302	0.0245			
2	100	10.607	10.608	-0.001	12970695	0.0242			
						RPD = 1.19			
1 4,4'-DDD									
1	100	9.320	9.318	0.002	24173133	0.0249			
2	100	10.931	10.930	0.001	10526065	0.0246			
						RPD = 1.18			
15 Endosulfan II									
1	100	9.412	9.411	0.001	27208687	0.0249			
2	100	10.975	10.975	0.000	11765233	0.0242			
						RPD = 2.54			
3 4,4'-DDT									
1	100	9.835	9.835	0.000	23380257	0.0254			
2	100	11.412	11.410	0.002	9853382	0.0249			
						RPD = 1.76			
18 Endrin aldehyde									
1	100	10.202	10.201	0.001	21795746	0.0247			
2	100	11.532	11.532	0.000	9579162	0.0242			
						RPD = 2.05			
27 Methoxychlor									
1	100	10.782	10.780	0.002	11659609	0.0253			
2	100	12.487	12.487	0.000	4975273	0.0249			
						RPD = 1.32			
16 Endosulfan sulfate									
1	100	10.924	10.925	-0.001	24669596	0.0251			
2	100	11.949	11.948	0.001	10968685	0.0248			
						RPD = 1.37			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
19 Endrin ketone									
1	100	11.322	11.322	0.000	27916778	0.0244			
2	100	12.699	12.699	0.000	11934924	0.0238			
						RPD = 2.46			

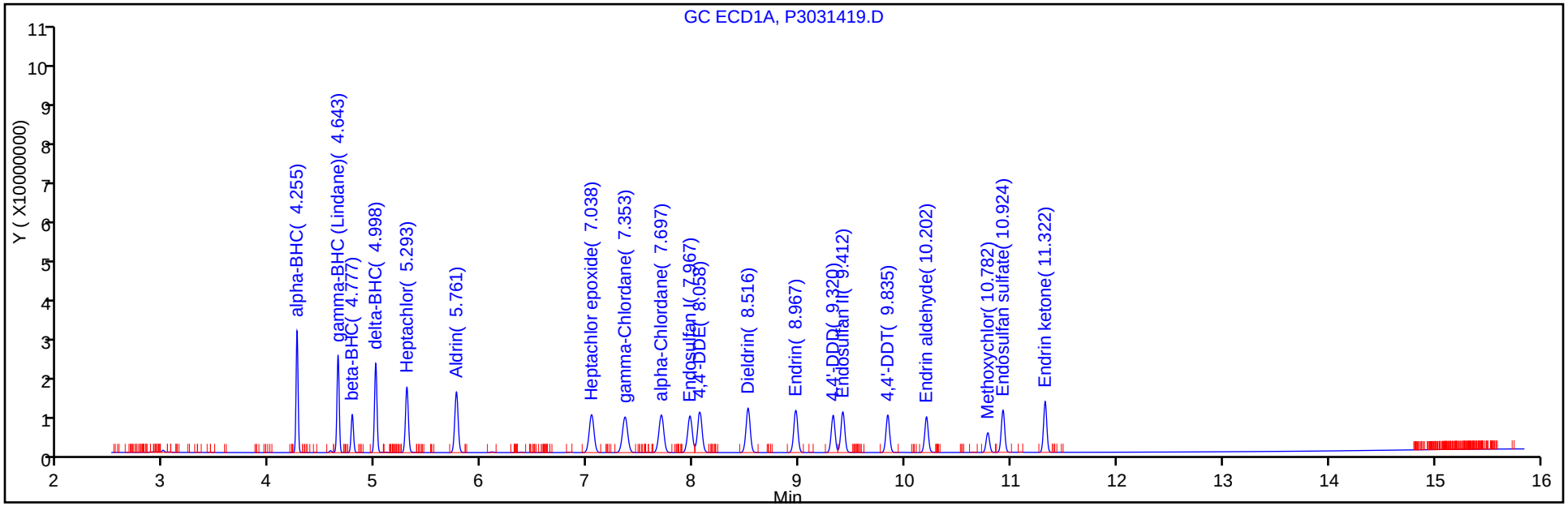
Report Date: 15-Mar-2013 07:54:42 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

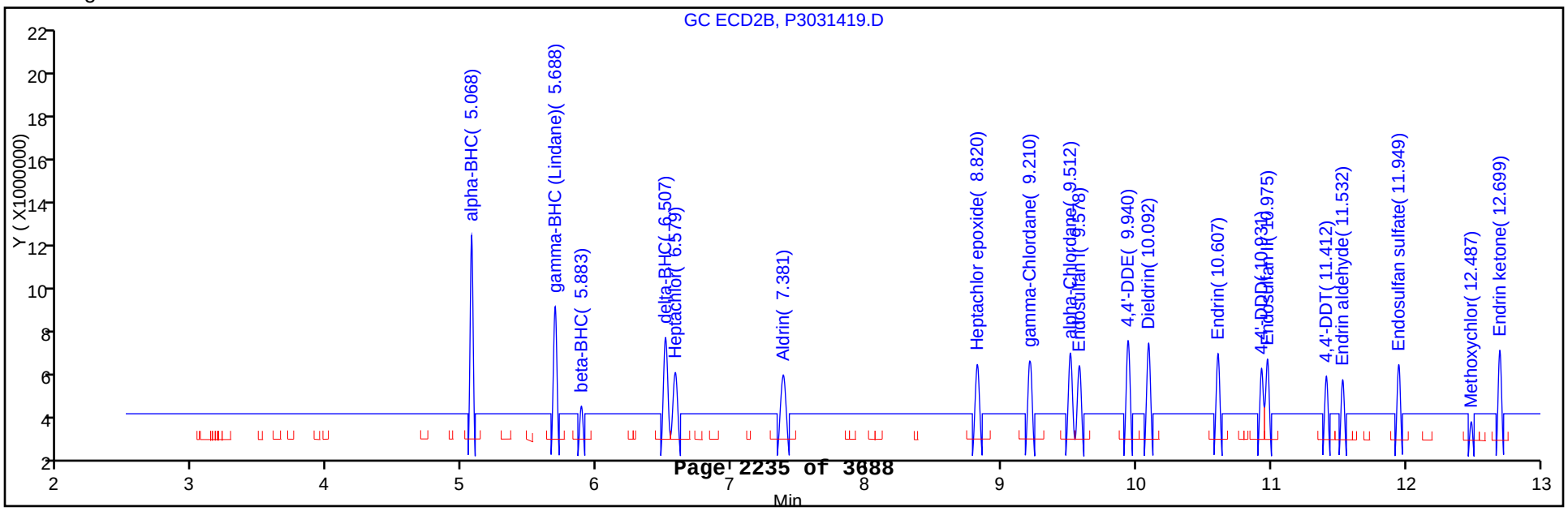
Data File: \\NCChrom\ChromData\A2HP3\20130314-17984.b\P3031419.D

Injection Date:	14-Mar-2013 16:20:26	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	78295	Lims Sample ID:	19
Operator ID:	402582	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
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: ICV 240-78295/25 Calibration Date: 03/14/2013 18:20

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 16:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/14/2013 18:00

Lab File ID: P3031425.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	48953063	60802538		1.24	1.00	24.2*	20.0
Toxaphene Peak 2	Ave	49795684	56394244		1.13	1.00	13.3	20.0
Toxaphene Peak 3	Ave	41014572	58762037		1.43	1.00	43.3*	20.0
Toxaphene Peak 4	Ave	31176774	48676390		1.56	1.00	56.1*	20.0
Toxaphene Peak 5	Ave	26157631	41188374		1.57	1.00	57.5*	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: ICV 240-78295/25 Calibration Date: 03/14/2013 18:20

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 16:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/14/2013 18:00

Lab File ID: P3031425.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	10.39	10.36	10.42
Toxaphene Peak 2	10.73	10.70	10.76
Toxaphene Peak 3	10.88	10.85	10.91
Toxaphene Peak 4	11.29	11.26	11.32
Toxaphene Peak 5	11.56	11.53	11.59

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130314-17984.b\P3031425.D
Lims ID: ICV Client ID:
Inject. Date: 14-Mar-2013 18:20:24 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0017984-025
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 25
Lims Batch ID: 78295 Lims Sample ID: 25
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130314-17984.b\PEST3.m
Last Update: 15-Mar-2013 07:54:49 Calib Date: 14-Mar-2013 20:00:25
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130314-17984.b\P3031430.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK032

First Level Reviewer: shockr Date: 15-Mar-2013 07:29:46

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	1	10.386	10.386	0.000	60802538	1.24		100.0	M
1	2	10.729	10.729	0.000	56394244	1.13	81.1- 121.1	92.7	M
1	3	10.880	10.879	0.001	58762037	1.43	65.0- 105.0	96.6	M
1	4	11.292	11.292	0.000	48676390	1.56	43.1- 83.1	80.1	M
1	5	11.562	11.560	0.002	41188374	1.57	32.5- 72.5	67.7	M
			Average of Peak Amounts =			1.39			
2	100	10.528	10.532	-0.004	15650408	0.9270		100.0	M
2	2	11.115	11.117	-0.002	14476115	0.6722	108.3- 148.3	92.5	M
2	3	11.536	11.535	0.001	16561763	0.6363	134.7- 174.7	105.8	M
2	4	12.836	12.278	0.558	20209953	0.6667	157.2- 197.2	129.1	M
2	5	13.118	12.837	0.281	21049372	1.72	51.7- 91.7	134.5	M
			Average of Peak Amounts =			0.9249			
						RPD = 40.09			

QC Flag Legend

Review Flags
M - Manually Integrated

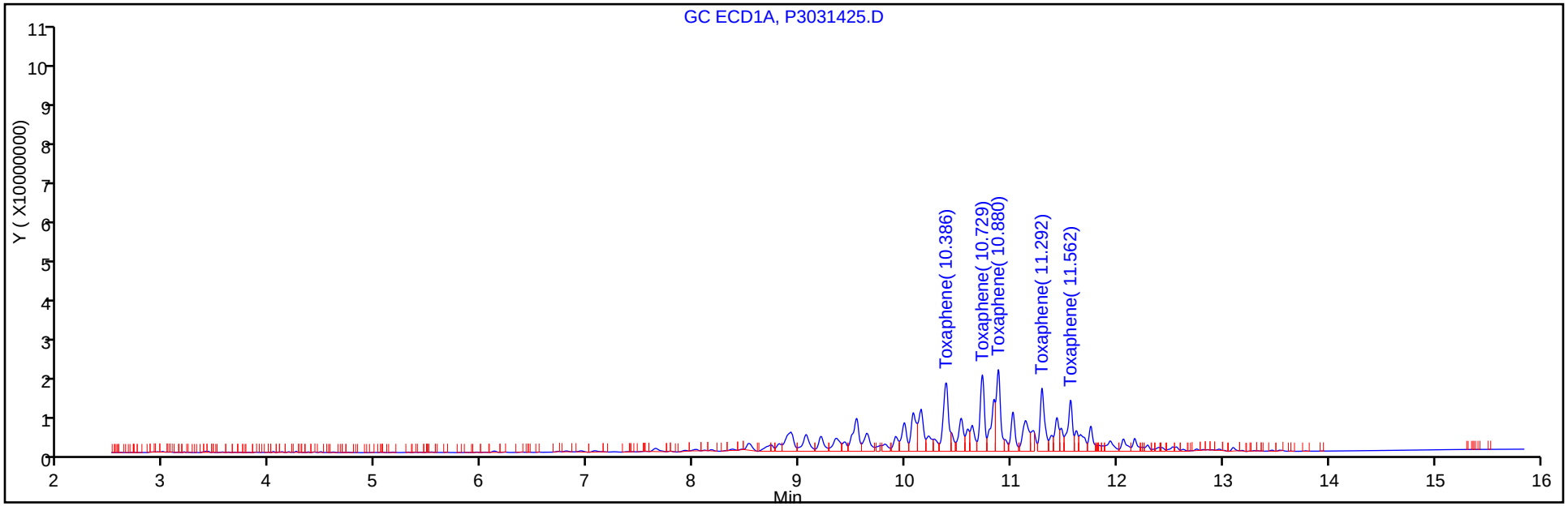
Report Date: 15-Mar-2013 07:54:52 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

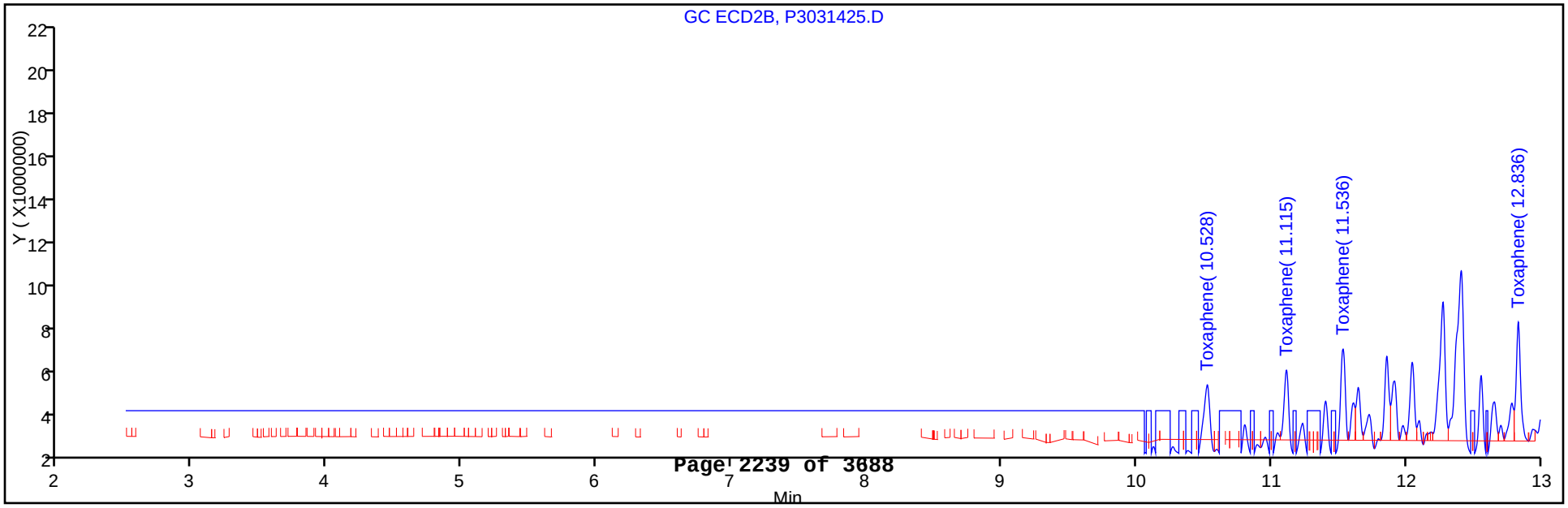
Data File: \\NCChrom\ChromData\A2HP3\20130314-17984.b\P3031425.D

Injection Date:	14-Mar-2013 18:20:24	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	78295	Lims Sample ID:	25
Operator ID:	402582	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



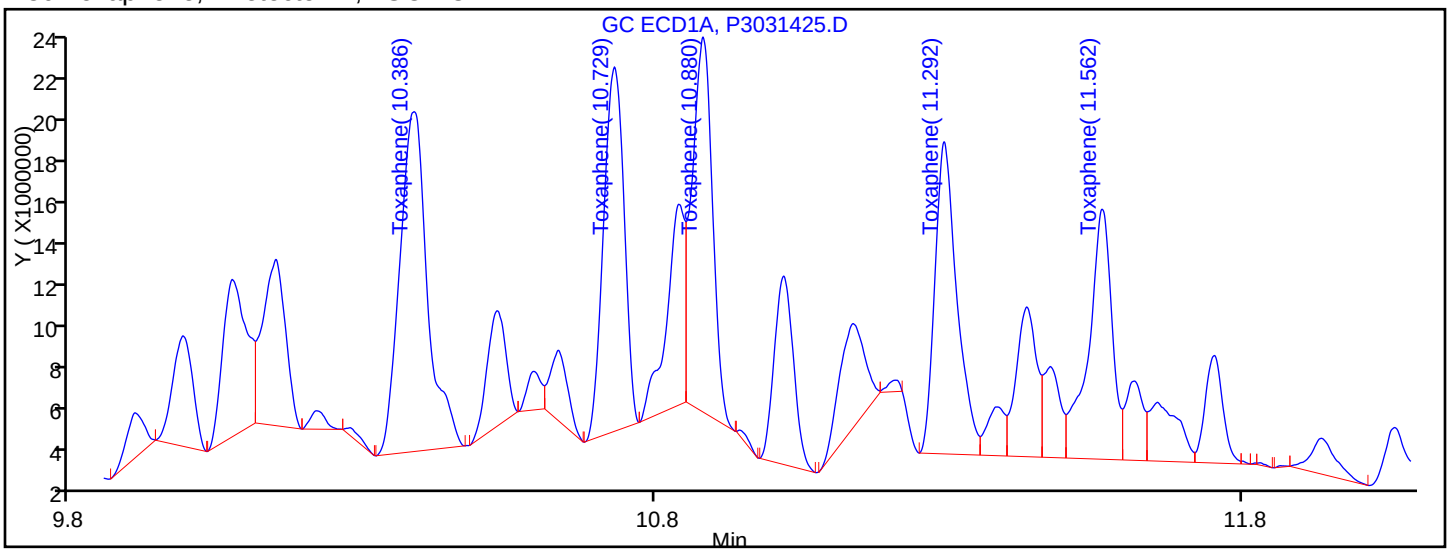
Report Date: 15-Mar-2013 07:54:53 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP3\20130314-17984.b\P3031425.D

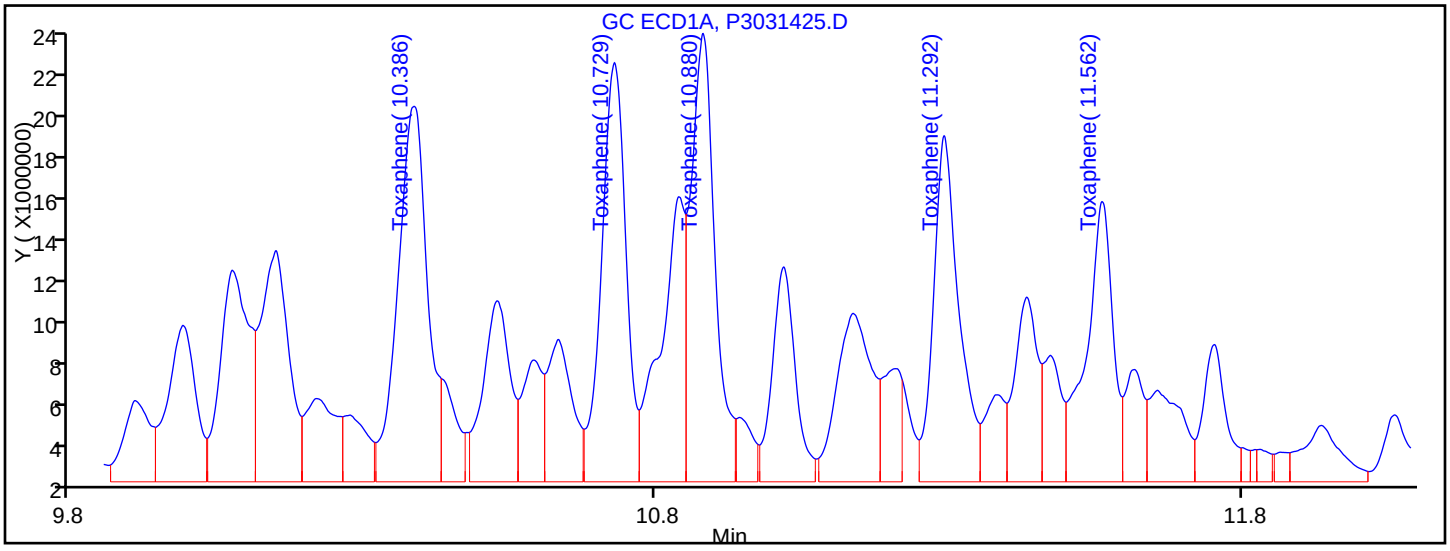
Injection Date:	14-Mar-2013 18:20:24	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	78295	Lims Sample ID:	25
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 1, GC ECD1A



Processing Integration Results

RT = 10.386	Response = 50641286	M
RT = 10.729	Response = 40186783	M
RT = 10.880	Response = 40717571	M
RT = 11.292	Response = 36881446	M
RT = 11.562	Response = 31520528	M



Manual Integration Results

RT = 10.386	Response = 60802538	M
RT = 10.729	Response = 56394244	M
RT = 10.880	Response = 58762037	M
RT = 11.292	Response = 48676390	M
RT = 11.562	Response = 41188374	M

Reviewer: shockr, 15-Mar-2013 07:29:46

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: ICV 240-78295/25 Calibration Date: 03/14/2013 18:20

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 16:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/14/2013 18:00

Lab File ID: P3031425.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	16883134	15650408		0.927	1.00	-7.3	20.0
Toxaphene Peak 2	Ave	21534081	14476115		0.672	1.00	-32.8*	20.0
Toxaphene Peak 3	Ave	26029451	16561763		0.636	1.00	-36.4*	20.0
Toxaphene Peak 4	Ave	30315481	20209953		0.667	1.00	-33.3*	20.0
Toxaphene Peak 5	Ave	12222975	21049372		1.72	1.00	72.2*	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: ICV 240-78295/25 Calibration Date: 03/14/2013 18:20

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 16:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/14/2013 18:00

Lab File ID: P3031425.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	10.53	10.50	10.56
Toxaphene Peak 2	11.12	11.09	11.15
Toxaphene Peak 3	11.54	11.51	11.57
Toxaphene Peak 4	12.84	12.25	12.31
Toxaphene Peak 5	13.12	12.81	12.87

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130314-17984.b\P3031425.D
Lims ID: ICV
Client ID:
Inject. Date: 14-Mar-2013 18:20:24
Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0017984-025
Misc. Info.:
Operator: 402582
Instrument ID: A2HP3
Injection Vol: 1.0 ul
ALS Bottle#: 25
Lims Batch ID: 78295
Lims Sample ID: 25
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130314-17984.b\PEST3.m
Last Update: 15-Mar-2013 07:54:49
Calib Date: 14-Mar-2013 20:00:25
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130314-17984.b\P3031430.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK032

First Level Reviewer: shockr
Date: 15-Mar-2013 07:29:46

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	1	10.386	10.386	0.000	60802538	1.24		100.0	M
1	2	10.729	10.729	0.000	56394244	1.13	81.1- 121.1	92.7	M
1	3	10.880	10.879	0.001	58762037	1.43	65.0- 105.0	96.6	M
1	4	11.292	11.292	0.000	48676390	1.56	43.1- 83.1	80.1	M
1	5	11.562	11.560	0.002	41188374	1.57	32.5- 72.5	67.7	M
			Average of Peak Amounts =			1.39			
2	100	10.528	10.532	-0.004	15650408	0.9270		100.0	M
2	2	11.115	11.117	-0.002	14476115	0.6722	108.3- 148.3	92.5	M
2	3	11.536	11.535	0.001	16561763	0.6363	134.7- 174.7	105.8	M
2	4	12.836	12.278	0.558	20209953	0.6667	157.2- 197.2	129.1	M
2	5	13.118	12.837	0.281	21049372	1.72	51.7- 91.7	134.5	M
			Average of Peak Amounts =			0.9249			
						RPD = 40.09			

QC Flag Legend

Review Flags
M - Manually Integrated

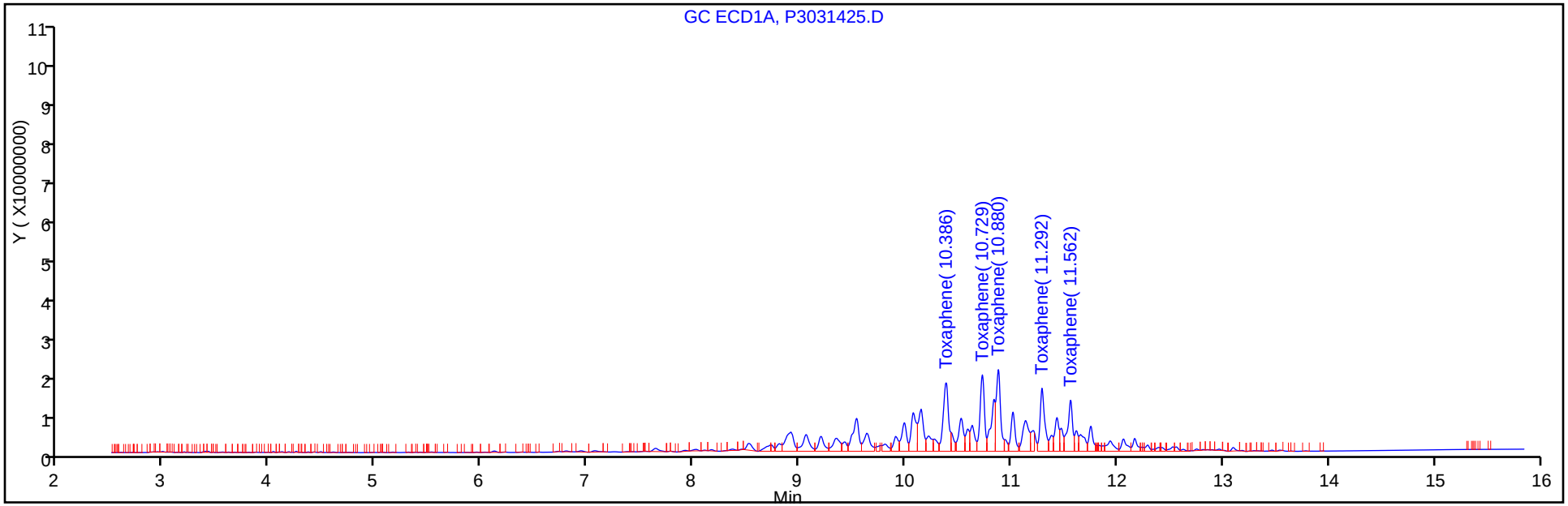
Report Date: 15-Mar-2013 07:54:53 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

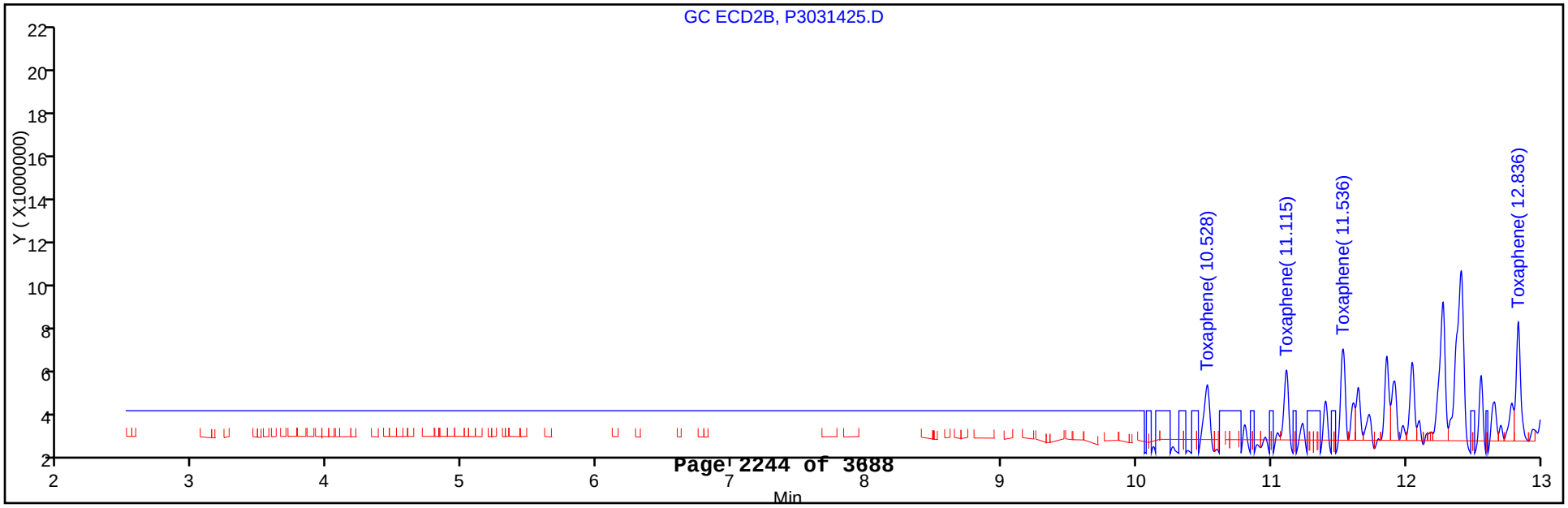
Data File: \\NCChrom\ChromData\A2HP3\20130314-17984.b\P3031425.D

Injection Date:	14-Mar-2013 18:20:24	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	78295	Lims Sample ID:	25
Operator ID:	402582	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



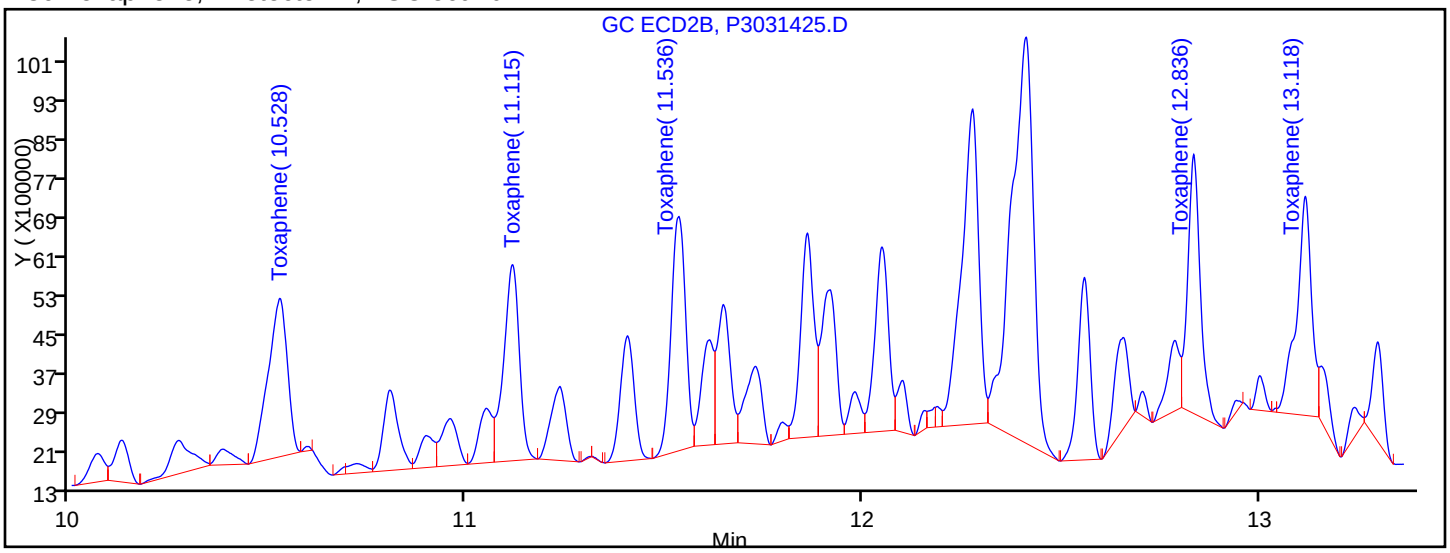
Report Date: 15-Mar-2013 07:54:53 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP3\20130314-17984.b\P3031425.D

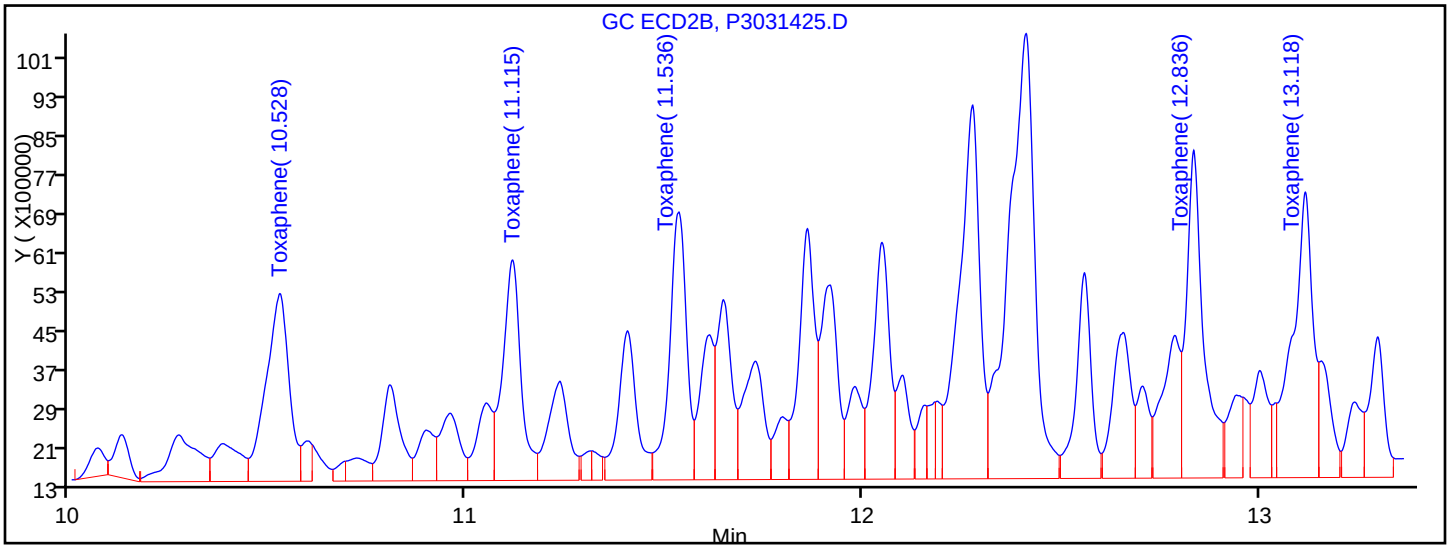
Injection Date:	14-Mar-2013 18:20:24	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	78295	Lims Sample ID:	25
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 2, GC ecd2b



Processing Integration Results

RT = 10.528	Response = 10952045	M
RT = 11.115	Response = 11039703	M
RT = 11.536	Response = 12277980	M
RT = 12.836	Response = 11715269	M
RT = 13.118	Response = 12039318	M



Manual Integration Results

RT = 10.528	Response = 15650408	M
RT = 11.115	Response = 14476115	M
RT = 11.536	Response = 16561763	M
RT = 12.836	Response = 20209953	M
RT = 13.118	Response = 21049372	M

Reviewer: shockr, 15-Mar-2013 07:29:46

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82129/10 Calibration Date: 04/16/2013 15:18

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 16:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/14/2013 18:00

Lab File ID: P3041610.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	48953063	51419304		1.05	1.00	5.0	20.0
Toxaphene Peak 2	Ave	49795684	49981553		1.00	1.00	0.4	20.0
Toxaphene Peak 3	Ave	41014572	38442218		0.937	1.00	-6.3	20.0
Toxaphene Peak 4	Ave	31176774	31930937		1.02	1.00	2.4	20.0
Toxaphene Peak 5	Ave	26157631	20894290		0.799	1.00	-20.1*	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82129/10 Calibration Date: 04/16/2013 15:18

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 16:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/14/2013 18:00

Lab File ID: P3041610.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	10.27	10.24	10.30
Toxaphene Peak 2	10.61	10.58	10.64
Toxaphene Peak 3	10.77	10.74	10.80
Toxaphene Peak 4	11.18	11.15	11.21
Toxaphene Peak 5	11.45	11.42	11.48

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041610.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 16-Apr-2013 15:18:25 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0018914-010
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 10
Lims Batch ID: 82129 Lims Sample ID: 10
Sublist: chrom-PEST3*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130416-18914.b\PEST3.m
Last Update: 17-Apr-2013 10:53:29 Calib Date: 16-Apr-2013 14:58:16
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

First Level Reviewer: shockr Date: 16-Apr-2013 16:16:06

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	1	10.265	10.265	0.000	51419304	1.05		100.0	
1	2	10.611	10.611	0.000	49981553	1.00	81.1- 121.1	97.2	
1	3	10.765	10.765	0.000	38442218	0.9373	65.0- 105.0	74.8	
1	4	11.181	11.181	0.000	31930937	1.02	43.1- 83.1	62.1	
1	5	11.449	11.449	0.000	20894290	0.7988	32.5- 72.5	40.6	
			Average of Peak Amounts =			0.9629			
2	100	10.363	10.363	0.000	20899371	1.24		100.0	M
2	2	10.955	10.955	0.000	26235962	1.22	108.3- 148.3	125.5	M
2	3	11.376	11.376	0.000	30490837	1.17	134.7- 174.7	145.9	M
2	4	12.119	12.119	0.000	32413519	1.07	157.2- 197.2	155.1	M
2	5	12.679	12.679	0.000	12844038	1.05	51.7- 91.7	61.5	M
			Average of Peak Amounts =			1.15			
						RPD = 17.67			

QC Flag Legend

Review Flags
M - Manually Integrated

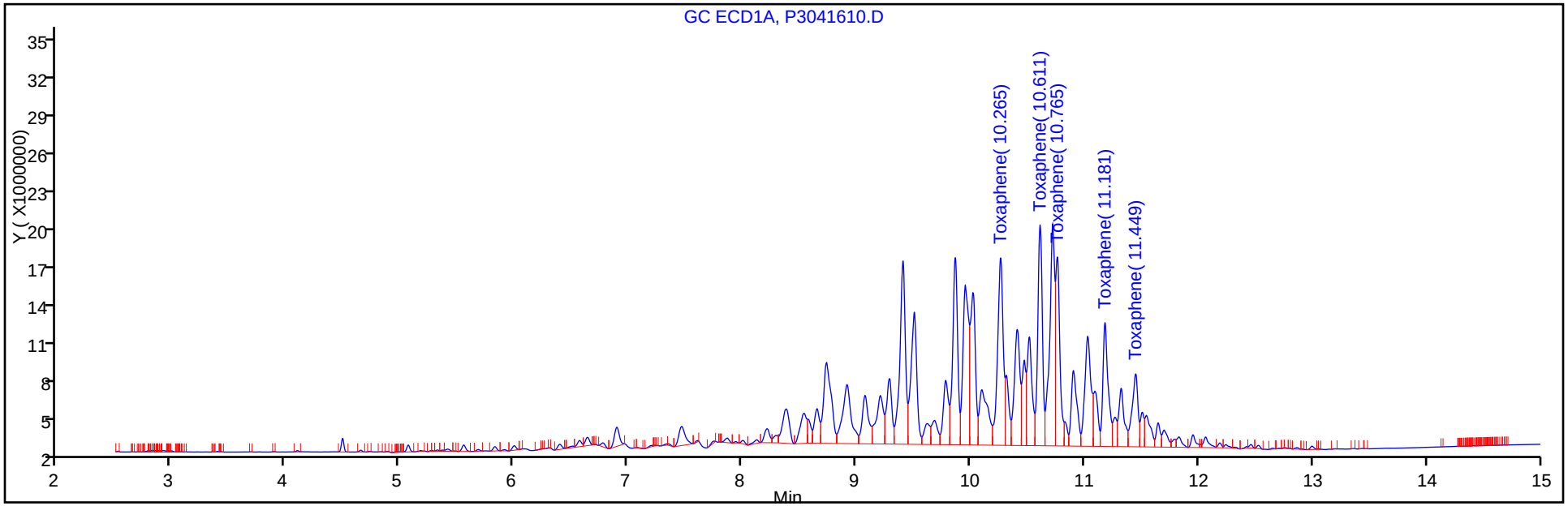
Report Date: 17-Apr-2013 10:53:30 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

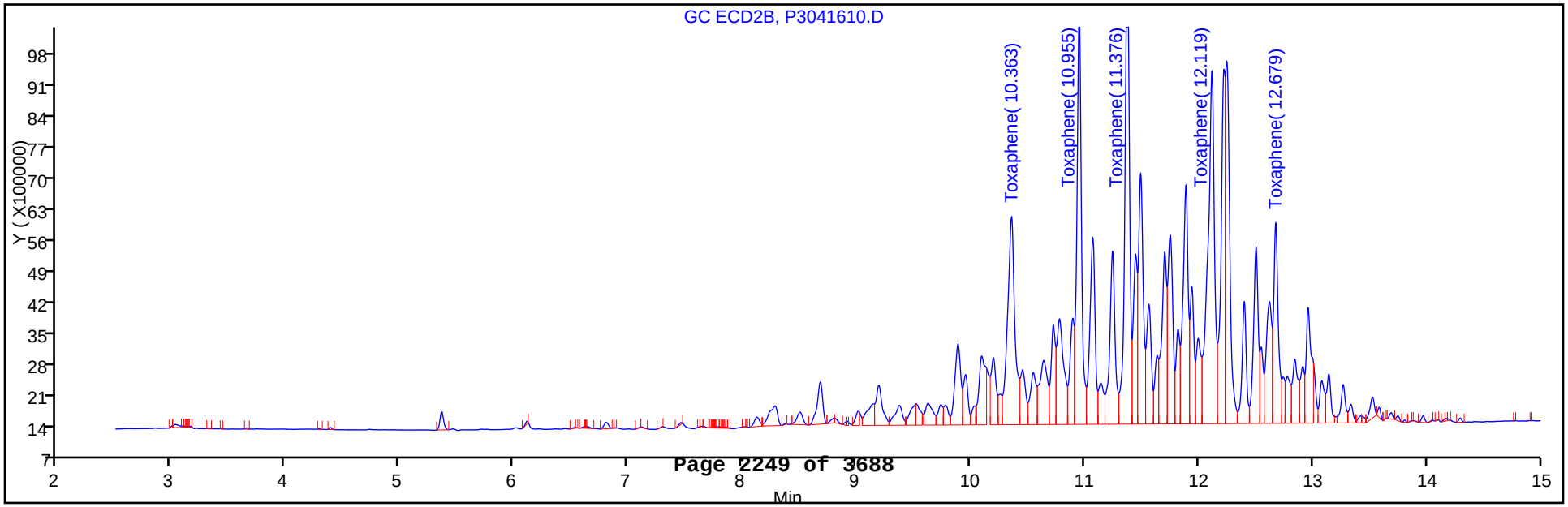
Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041610.D

Injection Date:	16-Apr-2013 15:18:25	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82129	Lims Sample ID:	10
Operator ID:	402582	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
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82129/10 Calibration Date: 04/16/2013 15:18

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 16:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/14/2013 18:00

Lab File ID: P3041610.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	16883134	20899371		1.24	1.00	23.8*	20.0
Toxaphene Peak 2	Ave	21534081	26235962		1.22	1.00	21.8*	20.0
Toxaphene Peak 3	Ave	26029451	30490837		1.17	1.00	17.1	20.0
Toxaphene Peak 4	Ave	30315481	32413519		1.07	1.00	6.9	20.0
Toxaphene Peak 5	Ave	12222975	12844038		1.05	1.00	5.1	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82129/10 Calibration Date: 04/16/2013 15:18

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 16:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/14/2013 18:00

Lab File ID: P3041610.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	10.36	10.33	10.39
Toxaphene Peak 2	10.96	10.93	10.99
Toxaphene Peak 3	11.38	11.35	11.41
Toxaphene Peak 4	12.12	12.09	12.15
Toxaphene Peak 5	12.68	12.65	12.71

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041610.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 16-Apr-2013 15:18:25 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0018914-010
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 10
Lims Batch ID: 82129 Lims Sample ID: 10
Sublist: chrom-PEST3*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130416-18914.b\PEST3.m
Last Update: 17-Apr-2013 10:53:29 Calib Date: 16-Apr-2013 14:58:16
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

First Level Reviewer: shockr Date: 16-Apr-2013 16:16:06

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	1	10.265	10.265	0.000	51419304	1.05		100.0	
1	2	10.611	10.611	0.000	49981553	1.00	81.1- 121.1	97.2	
1	3	10.765	10.765	0.000	38442218	0.9373	65.0- 105.0	74.8	
1	4	11.181	11.181	0.000	31930937	1.02	43.1- 83.1	62.1	
1	5	11.449	11.449	0.000	20894290	0.7988	32.5- 72.5	40.6	
			Average of Peak Amounts =			0.9629			
2	100	10.363	10.363	0.000	20899371	1.24		100.0	M
2	2	10.955	10.955	0.000	26235962	1.22	108.3- 148.3	125.5	M
2	3	11.376	11.376	0.000	30490837	1.17	134.7- 174.7	145.9	M
2	4	12.119	12.119	0.000	32413519	1.07	157.2- 197.2	155.1	M
2	5	12.679	12.679	0.000	12844038	1.05	51.7- 91.7	61.5	M
			Average of Peak Amounts =			1.15			
						RPD = 17.67			

QC Flag Legend

Review Flags
M - Manually Integrated

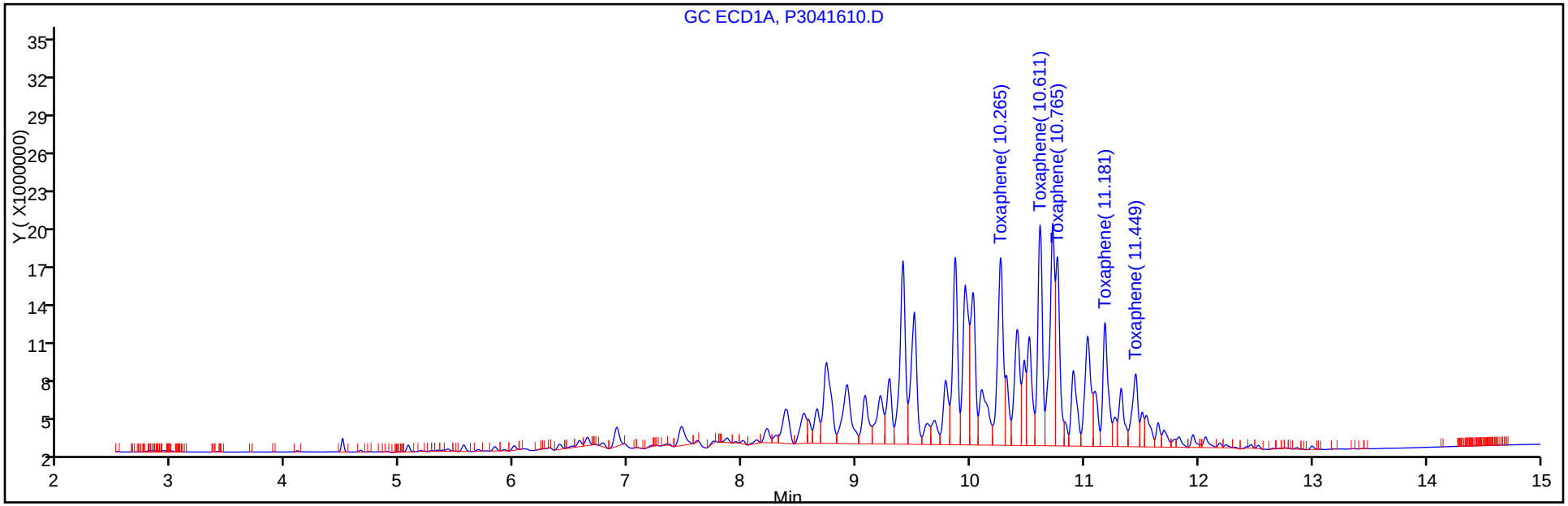
Report Date: 17-Apr-2013 10:53:31 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

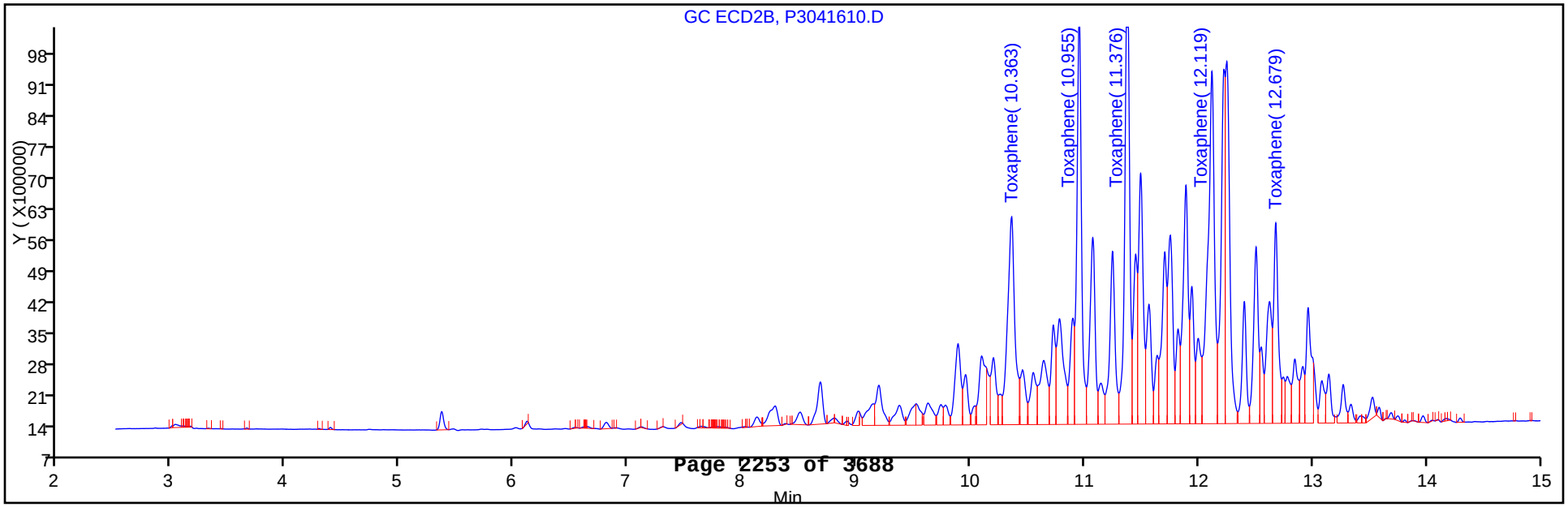
Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041610.D

Injection Date:	16-Apr-2013 15:18:25	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82129	Lims Sample ID:	10
Operator ID:	402582	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



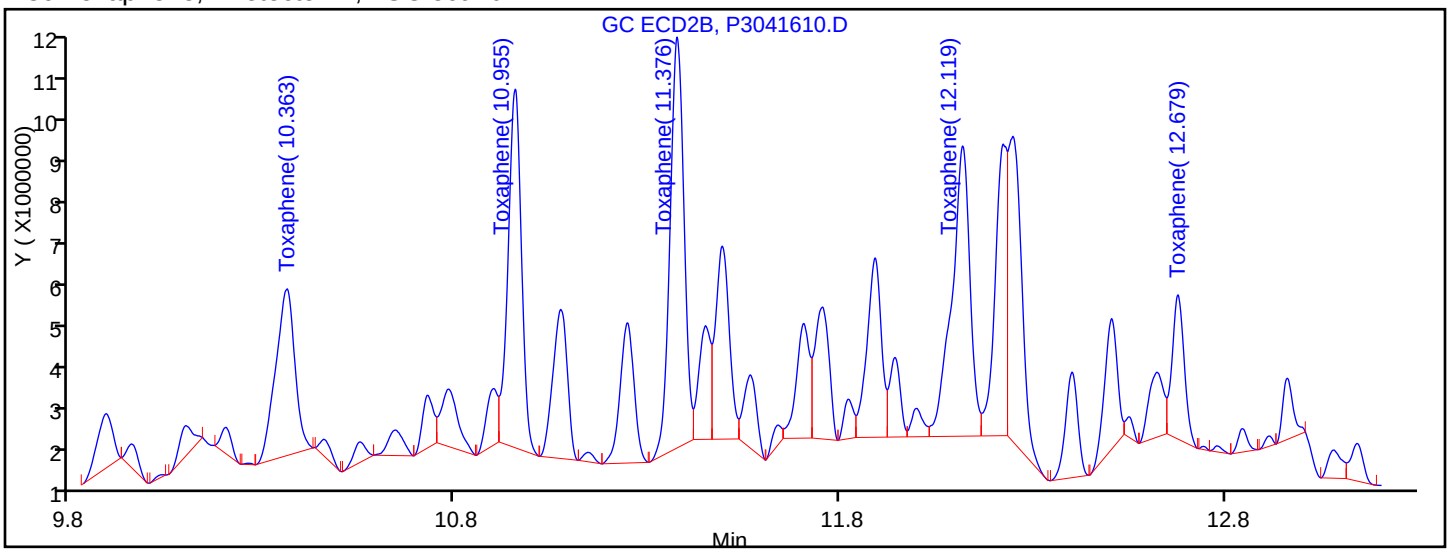
Report Date: 17-Apr-2013 10:53:31 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041610.D

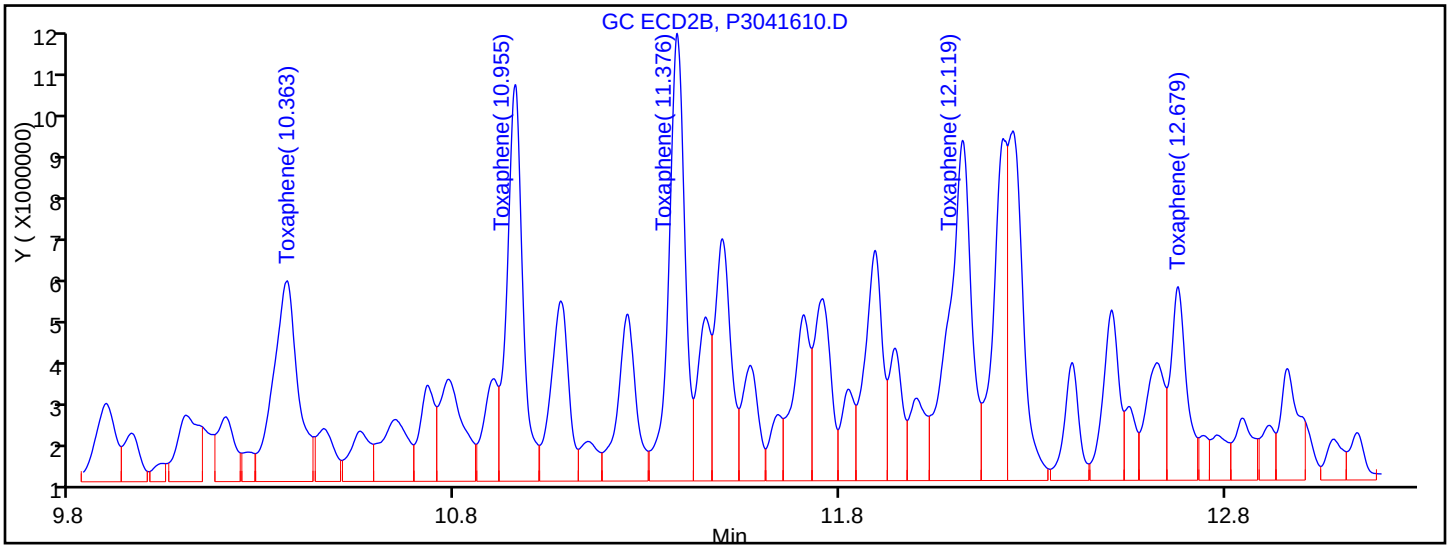
Injection Date:	16-Apr-2013 15:18:25	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82129	Lims Sample ID:	10
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 2, GC ecd2b



Processing Integration Results

RT = 10.363	Response = 13337167	M
RT = 10.955	Response = 19963597	M
RT = 11.376	Response = 23893850	M
RT = 12.119	Response = 22020599	M
RT = 12.679	Response = 7260042	M



Manual Integration Results

RT = 10.363	Response = 20899371	M
RT = 10.955	Response = 26235962	M
RT = 11.376	Response = 30490837	M
RT = 12.119	Response = 32413519	M
RT = 12.679	Response = 12844038	M

Reviewer: shockr, 16-Apr-2013 16:16:06

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82129/13 Calibration Date: 04/16/2013 16:19

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 14:20

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/14/2013 16:00

Lab File ID: P3041613.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1623707372	1664536960		0.0256	0.0250	2.5	20.0
gamma-BHC (Lindane)	Ave	1455203462	1503690040		0.0258	0.0250	3.3	20.0
beta-BHC	Ave	618486639	630549680		0.0255	0.0250	2.0	20.0
delta-BHC	Ave	1480196914	1537381160		0.0260	0.0250	3.9	20.0
Heptachlor	Ave	1288059053	1466151200		0.0285	0.0250	13.8	20.0
Aldrin	Ave	1359987606	1347743560		0.0248	0.0250	-0.9	20.0
Heptachlor epoxide	Ave	1229987574	1265812080		0.0257	0.0250	2.9	20.0
gamma-Chlordane	Ave	1263492565	1271781120		0.0252	0.0250	0.7	20.0
alpha-Chlordane	Ave	1289702829	1300001120		0.0252	0.0250	0.8	20.0
Endosulfan I	Ave	1152636801	1187951480		0.0258	0.0250	3.1	20.0
4,4'-DDE	Ave	1266505227	1226729960		0.0242	0.0250	-3.1	20.0
Dieldrin	Ave	1268423751	1288992800		0.0254	0.0250	1.6	20.0
Endrin	Ave	1189138903	1286671720		0.0271	0.0250	8.2	20.0
4,4'-DDD	Ave	970323691	1050739720		0.0271	0.0250	8.3	20.0
Endosulfan II	Ave	1094573989	1134616840		0.0259	0.0250	3.7	20.0
4,4'-DDT	Ave	922210777	1005461880		0.0273	0.0250	9.0	20.0
Endrin aldehyde	Ave	880698493	914437240		0.0260	0.0250	3.8	20.0
Methoxychlor	Ave	461419504	565299840		0.0306	0.0250	22.5*	20.0
Endosulfan sulfate	Ave	981061458	1012250880		0.0258	0.0250	3.2	20.0
Endrin ketone	Ave	1144648217	1211411560		0.0265	0.0250	5.8	20.0
Tetrachloro-m-xylene	Ave	1100163513	1028003520		0.0234	0.0250	-6.6	20.0
DCB Decachlorobiphenyl	Ave	960238458	964767920		0.0251	0.0250	0.5	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82129/13 Calibration Date: 04/16/2013 16:19

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 14:20

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/14/2013 16:00

Lab File ID: P3041613.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.19	4.16	4.22
gamma-BHC (Lindane)	4.57	4.54	4.60
beta-BHC	4.70	4.67	4.73
delta-BHC	4.91	4.88	4.94
Heptachlor	5.20	5.17	5.23
Aldrin	5.65	5.62	5.68
Heptachlor epoxide	6.87	6.84	6.90
gamma-Chlordane	7.18	7.15	7.21
alpha-Chlordane	7.52	7.49	7.55
Endosulfan I	7.80	7.77	7.83
4,4'-DDE	7.90	7.87	7.93
Dieldrin	8.36	8.33	8.39
Endrin	8.82	8.79	8.85
4,4'-DDD	9.19	9.16	9.22
Endosulfan II	9.28	9.25	9.31
4,4'-DDT	9.71	9.68	9.74
Endrin aldehyde	10.08	10.05	10.11
Methoxychlor	10.68	10.65	10.71
Endosulfan sulfate	10.81	10.78	10.84
Endrin ketone	11.21	11.18	11.24
Tetrachloro-m-xylene	3.50	3.47	3.53
DCB Decachlorobiphenyl	12.83	12.80	12.86

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041613.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 16-Apr-2013 16:19:04 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0018914-013
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 13
Lims Batch ID: 82129 Lims Sample ID: 13
Sublist: chrom-PEST3*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130416-18914.b\PEST3.m
Last Update: 17-Apr-2013 10:53:24 Calib Date: 16-Apr-2013 14:58:16
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.495	3.495	0.000	25700088	0.0234			
2	100	4.094	4.094	0.000	13500301	0.0224			
						RPD = 4.41			
5 alpha-BHC									
1	100	4.186	4.186	0.000	41613424	0.0256			
2	100	4.949	4.949	0.000	21222554	0.0276			
						RPD = 7.28			
20 gamma-BHC (Lindane)									
1	100	4.567	4.567	0.000	37592251	0.0258			
2	100	5.533	5.533	0.000	18879125	0.0279			
						RPD = 7.64			
7 beta-BHC									
1	100	4.699	4.699	0.000	15763742	0.0255			
2	100	5.719	5.719	0.000	8244680	0.0279			
						RPD = 8.97			
11 delta-BHC									
1	100	4.914	4.914	0.000	38434529	0.0260			
2	100	6.304	6.304	0.000	19447313	0.0280			
						RPD = 7.38			
22 Heptachlor									
1	100	5.197	5.197	0.000	36653780	0.0285			
2	100	6.366	6.366	0.000	16209407	0.0278			
						RPD = 2.32			
4 Aldrin									
1	100	5.647	5.647	0.000	33693589	0.0248			
2	100	7.115	7.115	0.000	17191423	0.0258			
						RPD = 4.09			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.873	6.873	0.000	31645302	0.0257			
2	100	8.609	8.609	0.000	15802621	0.0272			
						RPD = 5.50			
21 gamma-Chlordane									
1	100	7.176	7.176	0.000	31794528	0.0252			
2	100	9.013	9.013	0.000	15757942	0.0269			
						RPD = 6.53			
6 alpha-Chlordane									
1	100	7.524	7.524	0.000	32500028	0.0252			
2	100	9.322	9.322	0.000	16228230	0.0266			
						RPD = 5.37			
14 Endosulfan I									
1	100	7.799	7.799	0.000	29698787	0.0258			
2	100	9.389	9.389	0.000	14611729	0.0275			
						RPD = 6.51			
2 4,4'-DDE									
1	100	7.901	7.901	0.000	30668249	0.0242			
2	100	9.768	9.768	0.000	15282939	0.0251			
						RPD = 3.43			
13 Dieldrin									
1	100	8.364	8.364	0.000	32224820	0.0254			
2	100	9.914	9.914	0.000	15645901	0.0263			
						RPD = 3.55			
17 Endrin									
1	100	8.823	8.823	0.000	32166793	0.0271			
2	100	10.438	10.438	0.000	15227611	0.0284			
						RPD = 4.94			
1 4,4'-DDD									
1	100	9.188	9.188	0.000	26268493	0.0271			
2	100	10.778	10.778	0.000	12132605	0.0284			
						RPD = 4.71			
15 Endosulfan II									
1	100	9.276	9.276	0.000	28365421	0.0259			
2	100	10.808	10.808	0.000	13752772	0.0283			
						RPD = 8.90			
3 4,4'-DDT									
1	100	9.714	9.714	0.000	25136547	0.0273			
2	100	11.258	11.258	0.000	10324038	0.0261			
						RPD = 4.33			
18 Endrin aldehyde									
1	100	10.080	10.080	0.000	22860931	0.0260			
2	100	11.375	11.375	0.000	11098680	0.0281			
						RPD = 7.90			
27 Methoxychlor									
1	100	10.677	10.677	0.000	14132496	0.0306			
2	100	12.339	12.339	0.000	5787880	0.0290			
						RPD = 5.43			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.810	10.810	0.000	25306272	0.0258			
2	100	11.793	11.793	0.000	12128399	0.0274			
						RPD = 6.13			
19 Endrin ketone									
1	100	11.211	11.211	0.000	30285289	0.0265			
2	100	12.542	12.542	0.000	13985091	0.0279			
						RPD = 5.25			
$ 10 DCB Decachlorobiphenyl									
1	100	12.832	12.832	0.000	24119198	0.0251			
2	100	14.257	14.257	0.000	12335413	0.0257			
						RPD = 2.14			

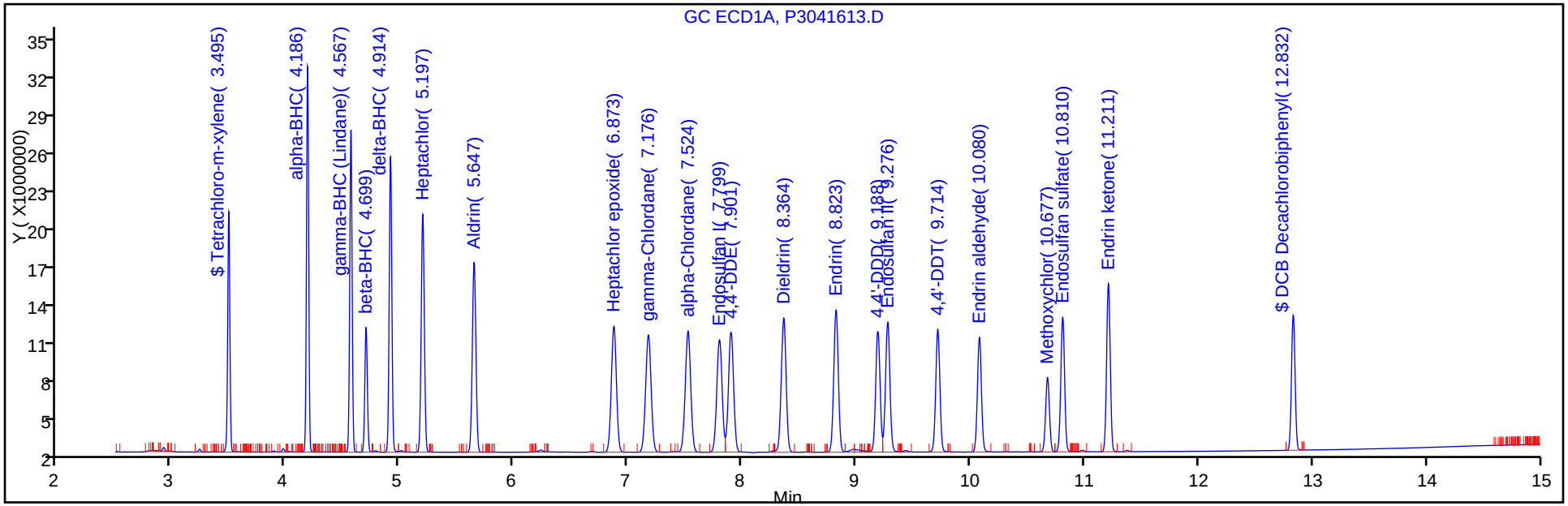
Report Date: 17-Apr-2013 10:53:24 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

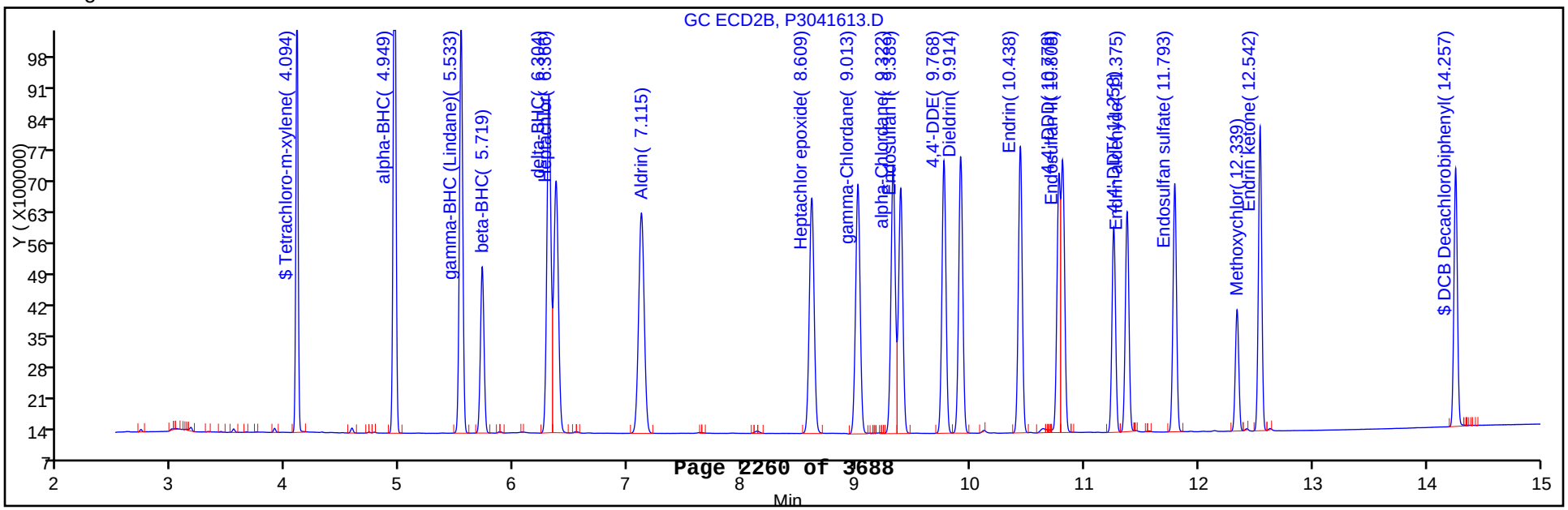
Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041613.D

Injection Date:	16-Apr-2013 16:19:04	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82129	Lims Sample ID:	13
Operator ID:	402582	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
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82129/13 Calibration Date: 04/16/2013 16:19

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 14:20

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/14/2013 16:00

Lab File ID: P3041613.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	769922401	848902160		0.0276	0.0250	10.3	20.0
gamma-BHC (Lindane)	Ave	677058072	755165000		0.0279	0.0250	11.5	20.0
beta-BHC	Ave	295707343	329787200		0.0279	0.0250	11.5	20.0
delta-BHC	Ave	695621800	777892520		0.0280	0.0250	11.8	20.0
Heptachlor	Ave	582970513	648376280		0.0278	0.0250	11.2	20.0
Aldrin	Ave	666083583	687656920		0.0258	0.0250	3.2	20.0
Heptachlor epoxide	Ave	581320598	632104840		0.0272	0.0250	8.7	20.0
gamma-Chlordane	Ave	586604093	630317680		0.0269	0.0250	7.5	20.0
alpha-Chlordane	Ave	610326008	649129200		0.0266	0.0250	6.4	20.0
Endosulfan I	Ave	531325762	584469160		0.0275	0.0250	10.0	20.0
4,4'-DDE	Ave	609850598	611317560		0.0251	0.0250	0.2	20.0
Dieldrin	Ave	594383876	625836040		0.0263	0.0250	5.3	20.0
Endrin	Ave	535793583	609104440		0.0284	0.0250	13.7	20.0
4,4'-DDD	Ave	427546511	485304200		0.0284	0.0250	13.5	20.0
Endosulfan II	Ave	485472127	550110880		0.0283	0.0250	13.3	20.0
4,4'-DDT	Ave	395546624	412961520		0.0261	0.0250	4.4	20.0
Endrin aldehyde	Ave	395073591	443947200		0.0281	0.0250	12.4	20.0
Endosulfan sulfate	Ave	442236050	485135960		0.0274	0.0250	9.7	20.0
Methoxychlor	Ave	199518519	231515200		0.0290	0.0250	16.0	20.0
Endrin ketone	Ave	501538938	559403640		0.0279	0.0250	11.5	20.0
Tetrachloro-m-xylene	Ave	603960426	540012040		0.0224	0.0250	-10.6	20.0
DCB Decachlorobiphenyl	Ave	480698861	493416520		0.0257	0.0250	2.6	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82129/13 Calibration Date: 04/16/2013 16:19

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 14:20

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/14/2013 16:00

Lab File ID: P3041613.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.95	4.92	4.98
gamma-BHC (Lindane)	5.53	5.50	5.56
beta-BHC	5.72	5.69	5.75
delta-BHC	6.30	6.27	6.33
Heptachlor	6.37	6.34	6.40
Aldrin	7.12	7.09	7.15
Heptachlor epoxide	8.61	8.58	8.64
gamma-Chlordane	9.01	8.98	9.04
alpha-Chlordane	9.32	9.29	9.35
Endosulfan I	9.39	9.36	9.42
4,4'-DDE	9.77	9.74	9.80
Dieldrin	9.91	9.88	9.94
Endrin	10.44	10.41	10.47
4,4'-DDD	10.78	10.75	10.81
Endosulfan II	10.81	10.78	10.84
4,4'-DDT	11.26	11.23	11.29
Endrin aldehyde	11.38	11.35	11.41
Endosulfan sulfate	11.79	11.76	11.82
Methoxychlor	12.34	12.31	12.37
Endrin ketone	12.54	12.51	12.57
Tetrachloro-m-xylene	4.09	4.06	4.12
DCB Decachlorobiphenyl	14.26	14.23	14.29

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041613.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 16-Apr-2013 16:19:04 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0018914-013
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 13
Lims Batch ID: 82129 Lims Sample ID: 13
Sublist: chrom-PEST3*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130416-18914.b\PEST3.m
Last Update: 17-Apr-2013 10:53:24 Calib Date: 16-Apr-2013 14:58:16
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.495	3.495	0.000	25700088	0.0234			
2	100	4.094	4.094	0.000	13500301	0.0224			
						RPD = 4.41			
5 alpha-BHC									
1	100	4.186	4.186	0.000	41613424	0.0256			
2	100	4.949	4.949	0.000	21222554	0.0276			
						RPD = 7.28			
20 gamma-BHC (Lindane)									
1	100	4.567	4.567	0.000	37592251	0.0258			
2	100	5.533	5.533	0.000	18879125	0.0279			
						RPD = 7.64			
7 beta-BHC									
1	100	4.699	4.699	0.000	15763742	0.0255			
2	100	5.719	5.719	0.000	8244680	0.0279			
						RPD = 8.97			
11 delta-BHC									
1	100	4.914	4.914	0.000	38434529	0.0260			
2	100	6.304	6.304	0.000	19447313	0.0280			
						RPD = 7.38			
22 Heptachlor									
1	100	5.197	5.197	0.000	36653780	0.0285			
2	100	6.366	6.366	0.000	16209407	0.0278			
						RPD = 2.32			
4 Aldrin									
1	100	5.647	5.647	0.000	33693589	0.0248			
2	100	7.115	7.115	0.000	17191423	0.0258			
						RPD = 4.09			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.873	6.873	0.000	31645302	0.0257			
2	100	8.609	8.609	0.000	15802621	0.0272			
						RPD = 5.50			
21 gamma-Chlordane									
1	100	7.176	7.176	0.000	31794528	0.0252			
2	100	9.013	9.013	0.000	15757942	0.0269			
						RPD = 6.53			
6 alpha-Chlordane									
1	100	7.524	7.524	0.000	32500028	0.0252			
2	100	9.322	9.322	0.000	16228230	0.0266			
						RPD = 5.37			
14 Endosulfan I									
1	100	7.799	7.799	0.000	29698787	0.0258			
2	100	9.389	9.389	0.000	14611729	0.0275			
						RPD = 6.51			
2 4,4'-DDE									
1	100	7.901	7.901	0.000	30668249	0.0242			
2	100	9.768	9.768	0.000	15282939	0.0251			
						RPD = 3.43			
13 Dieldrin									
1	100	8.364	8.364	0.000	32224820	0.0254			
2	100	9.914	9.914	0.000	15645901	0.0263			
						RPD = 3.55			
17 Endrin									
1	100	8.823	8.823	0.000	32166793	0.0271			
2	100	10.438	10.438	0.000	15227611	0.0284			
						RPD = 4.94			
1 4,4'-DDD									
1	100	9.188	9.188	0.000	26268493	0.0271			
2	100	10.778	10.778	0.000	12132605	0.0284			
						RPD = 4.71			
15 Endosulfan II									
1	100	9.276	9.276	0.000	28365421	0.0259			
2	100	10.808	10.808	0.000	13752772	0.0283			
						RPD = 8.90			
3 4,4'-DDT									
1	100	9.714	9.714	0.000	25136547	0.0273			
2	100	11.258	11.258	0.000	10324038	0.0261			
						RPD = 4.33			
18 Endrin aldehyde									
1	100	10.080	10.080	0.000	22860931	0.0260			
2	100	11.375	11.375	0.000	11098680	0.0281			
						RPD = 7.90			
27 Methoxychlor									
1	100	10.677	10.677	0.000	14132496	0.0306			
2	100	12.339	12.339	0.000	5787880	0.0290			
						RPD = 5.43			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.810	10.810	0.000	25306272	0.0258			
2	100	11.793	11.793	0.000	12128399	0.0274			
						RPD = 6.13			
19 Endrin ketone									
1	100	11.211	11.211	0.000	30285289	0.0265			
2	100	12.542	12.542	0.000	13985091	0.0279			
						RPD = 5.25			
$ 10 DCB Decachlorobiphenyl									
1	100	12.832	12.832	0.000	24119198	0.0251			
2	100	14.257	14.257	0.000	12335413	0.0257			
						RPD = 2.14			

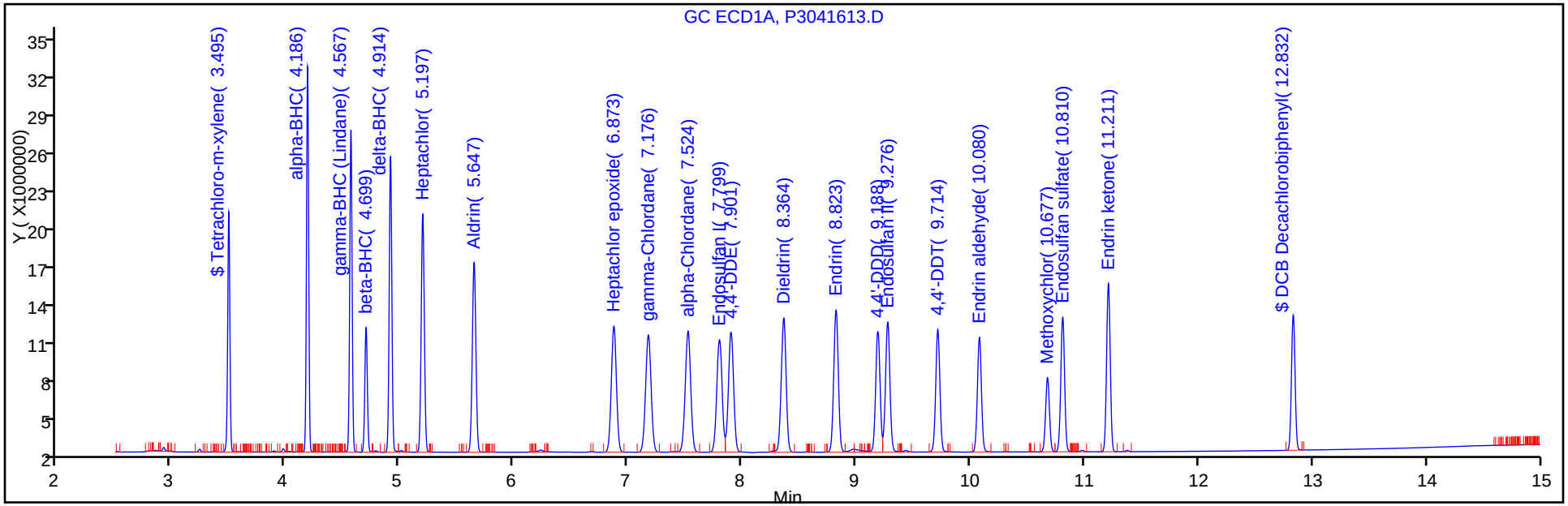
Report Date: 17-Apr-2013 10:53:24 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

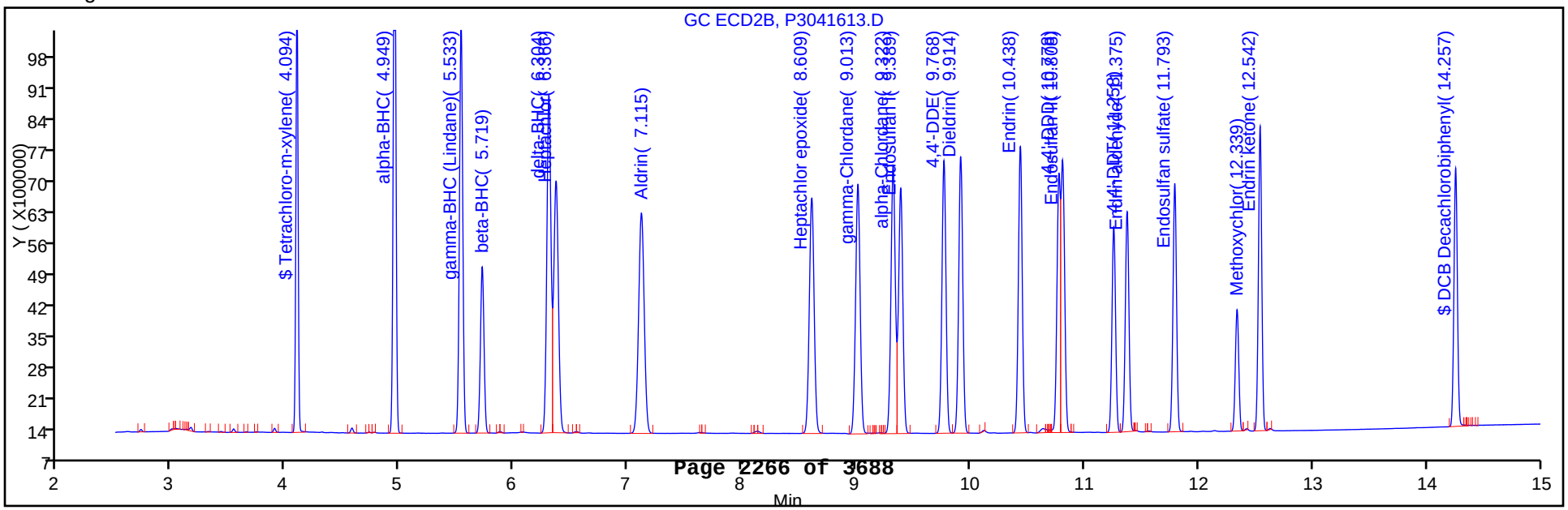
Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041613.D

Injection Date:	16-Apr-2013 16:19:04	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82129	Lims Sample ID:	13
Operator ID:	402582	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
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82129/26 Calibration Date: 04/16/2013 20:41

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 14:20

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/14/2013 16:00

Lab File ID: P3041626.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1623707372	1729748840		0.0266	0.0250	6.5	20.0
gamma-BHC (Lindane)	Ave	1455203462	1566332800		0.0269	0.0250	7.6	20.0
beta-BHC	Ave	618486639	650149960		0.0263	0.0250	5.1	20.0
delta-BHC	Ave	1480196914	1604831160		0.0271	0.0250	8.4	20.0
Heptachlor	Ave	1288059053	1519336880		0.0295	0.0250	18.0	20.0
Aldrin	Ave	1359987606	1392131120		0.0256	0.0250	2.4	20.0
Heptachlor epoxide	Ave	1229987574	1308014680		0.0266	0.0250	6.3	20.0
gamma-Chlordane	Ave	1263492565	1318851880		0.0261	0.0250	4.4	20.0
alpha-Chlordane	Ave	1289702829	1346626120		0.0261	0.0250	4.4	20.0
Endosulfan I	Ave	1152636801	1229638040		0.0267	0.0250	6.7	20.0
4,4'-DDE	Ave	1266505227	1277012320		0.0252	0.0250	0.8	20.0
Dieldrin	Ave	1268423751	1333025160		0.0263	0.0250	5.1	20.0
Endrin	Ave	1189138903	1328391600		0.0279	0.0250	11.7	20.0
4,4'-DDD	Ave	970323691	1067006240		0.0275	0.0250	10.0	20.0
Endosulfan II	Ave	1094573989	1160884200		0.0265	0.0250	6.1	20.0
4,4'-DDT	Ave	922210777	1069892360		0.0290	0.0250	16.0	20.0
Endrin aldehyde	Ave	880698493	951928440		0.0270	0.0250	8.1	20.0
Methoxychlor	Ave	461419504	589435960		0.0319	0.0250	27.7*	20.0
Endosulfan sulfate	Ave	981061458	1047163760		0.0267	0.0250	6.7	20.0
Endrin ketone	Ave	1144648217	1260452760		0.0275	0.0250	10.1	20.0
Tetrachloro-m-xylene	Ave	1100163513	1063017600		0.0242	0.0250	-3.4	20.0
DCB Decachlorobiphenyl	Ave	960238458	993398640		0.0259	0.0250	3.5	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82129/26 Calibration Date: 04/16/2013 20:41

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 14:20

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/14/2013 16:00

Lab File ID: P3041626.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.19	4.16	4.22
gamma-BHC (Lindane)	4.57	4.54	4.60
beta-BHC	4.70	4.67	4.73
delta-BHC	4.91	4.88	4.94
Heptachlor	5.20	5.17	5.23
Aldrin	5.65	5.62	5.68
Heptachlor epoxide	6.87	6.84	6.90
gamma-Chlordane	7.17	7.14	7.20
alpha-Chlordane	7.52	7.49	7.55
Endosulfan I	7.80	7.77	7.83
4,4'-DDE	7.90	7.87	7.93
Dieldrin	8.36	8.33	8.39
Endrin	8.82	8.79	8.85
4,4'-DDD	9.19	9.16	9.22
Endosulfan II	9.27	9.24	9.30
4,4'-DDT	9.71	9.68	9.74
Endrin aldehyde	10.08	10.05	10.11
Methoxychlor	10.68	10.65	10.71
Endosulfan sulfate	10.81	10.78	10.84
Endrin ketone	11.21	11.18	11.24
Tetrachloro-m-xylene	3.50	3.47	3.53
DCB Decachlorobiphenyl	12.83	12.80	12.86

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041626.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 16-Apr-2013 20:41:22 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0018914-026
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 26
Lims Batch ID: 82129 Lims Sample ID: 26
Sublist: chrom-PEST3*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130416-18914.b\PEST3.m
Last Update: 17-Apr-2013 10:53:12 Calib Date: 16-Apr-2013 14:58:16
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.495	3.495	0.000	26575440	0.0242			
2	100	4.093	4.093	0.000	14060369	0.0233			
						RPD = 3.69			
5 alpha-BHC									
1	100	4.185	4.185	0.000	43243721	0.0266			
2	100	4.949	4.949	0.000	22264928	0.0289			
						RPD = 8.23			
20 gamma-BHC (Lindane)									
1	100	4.566	4.566	0.000	39158320	0.0269			
2	100	5.533	5.533	0.000	19872277	0.0294			
						RPD = 8.68			
7 beta-BHC									
1	100	4.698	4.698	0.000	16253749	0.0263			
2	100	5.718	5.718	0.000	8557216	0.0289			
						RPD = 9.63			
11 delta-BHC									
1	100	4.913	4.913	0.000	40120779	0.0271			
2	100	6.302	6.302	0.000	20638759	0.0297			
						RPD = 9.03			
22 Heptachlor									
1	100	5.196	5.196	0.000	37983422	0.0295			
2	100	6.364	6.364	0.000	16644856	0.0286			
						RPD = 3.23			
4 Aldrin									
1	100	5.645	5.645	0.000	34803278	0.0256			
2	100	7.113	7.113	0.000	17853641	0.0268			
						RPD = 4.63			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.871	6.871	0.000	32700367	0.0266			
2	100	8.607	8.607	0.000	16435473	0.0283			
						RPD = 6.15			
21 gamma-Chlordane									
1	100	7.173	7.173	0.000	32971297	0.0261			
2	100	9.012	9.012	0.000	16351543	0.0279			
						RPD = 6.59			
6 alpha-Chlordane									
1	100	7.521	7.521	0.000	33665653	0.0261			
2	100	9.319	9.319	0.000	16868590	0.0276			
						RPD = 5.71			
14 Endosulfan I									
1	100	7.797	7.797	0.000	30740951	0.0267			
2	100	9.387	9.387	0.000	15083751	0.0284			
						RPD = 6.24			
2 4,4'-DDE									
1	100	7.898	7.898	0.000	31925308	0.0252			
2	100	9.768	9.768	0.000	15874403	0.0260			
						RPD = 3.21			
13 Dieldrin									
1	100	8.360	8.360	0.000	33325629	0.0263			
2	100	9.913	9.913	0.000	16279630	0.0274			
						RPD = 4.16			
17 Endrin									
1	100	8.822	8.822	0.000	33209790	0.0279			
2	100	10.436	10.436	0.000	15855908	0.0296			
						RPD = 5.79			
1 4,4'-DDD									
1	100	9.188	9.188	0.000	26675156	0.0275			
2	100	10.775	10.775	0.000	12304909	0.0288			
						RPD = 4.58			
15 Endosulfan II									
1	100	9.273	9.273	0.000	29022105	0.0265			
2	100	10.808	10.808	0.000	14487618	0.0298			
						RPD = 11.81			
3 4,4'-DDT									
1	100	9.711	9.711	0.000	26747309	0.0290			
2	100	11.256	11.256	0.000	11107295	0.0281			
						RPD = 3.23			
18 Endrin aldehyde									
1	100	10.078	10.078	0.000	23798211	0.0270			
2	100	11.373	11.373	0.000	11634807	0.0294			
						RPD = 8.60			
27 Methoxychlor									
1	100	10.675	10.675	0.000	14735899	0.0319			
2	100	12.338	12.338	0.000	6133732	0.0307			
						RPD = 3.81			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.808	10.808	0.000	26179094	0.0267			
2	100	11.792	11.792	0.000	12708673	0.0287			
						RPD = 7.41			
19 Endrin ketone									
1	100	11.208	11.208	0.000	31511319	0.0275			
2	100	12.540	12.540	0.000	14763815	0.0294			
						RPD = 6.70			
$ 10 DCB Decachlorobiphenyl									
1	100	12.830	12.830	0.000	24834966	0.0259			
2	100	14.256	14.256	0.000	12862819	0.0268			
						RPD = 3.40			

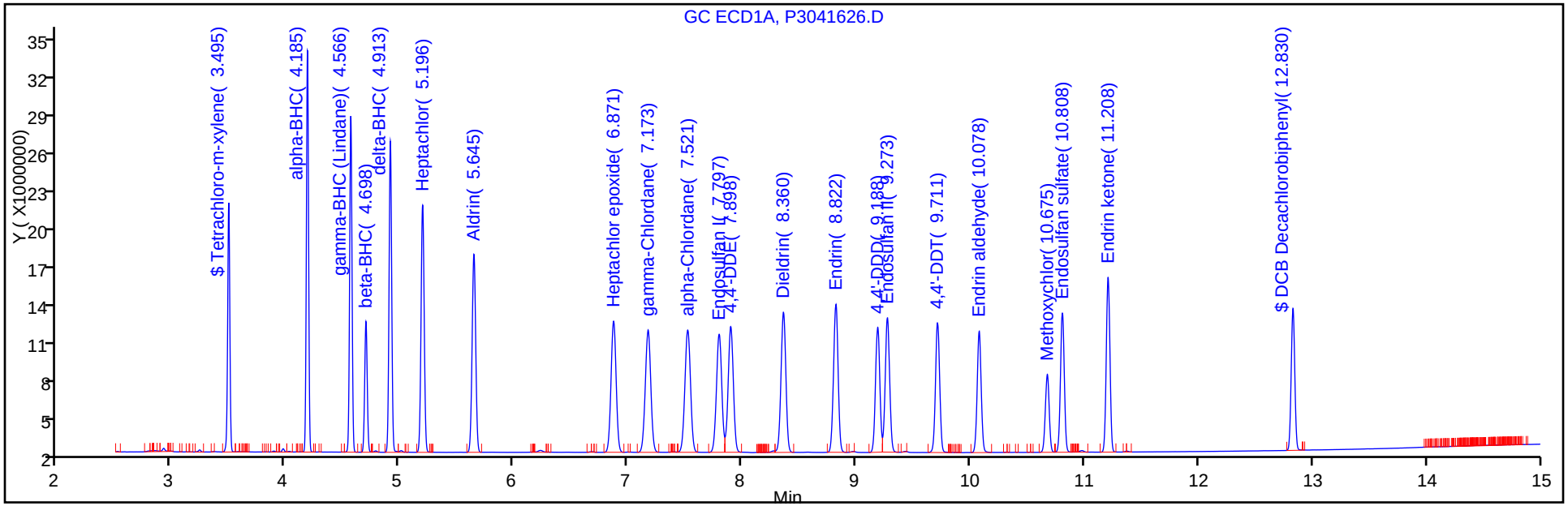
Report Date: 17-Apr-2013 10:53:12 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

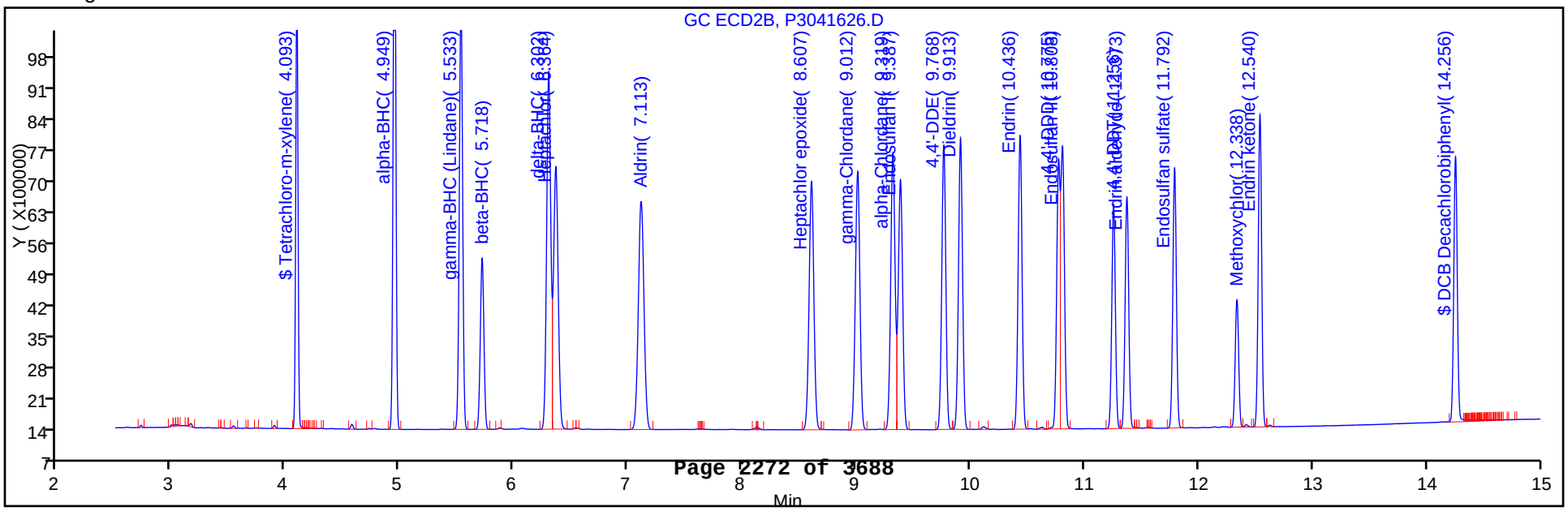
Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041626.D

Injection Date:	16-Apr-2013 20:41:22	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82129	Lims Sample ID:	26
Operator ID:	402582	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
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82129/26 Calibration Date: 04/16/2013 20:41

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 14:20

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/14/2013 16:00

Lab File ID: P3041626.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	769922401	890597120		0.0289	0.0250	15.7	20.0
gamma-BHC (Lindane)	Ave	677058072	794891080		0.0294	0.0250	17.4	20.0
beta-BHC	Ave	295707343	342288640		0.0289	0.0250	15.8	20.0
delta-BHC	Ave	695621800	825550360		0.0297	0.0250	18.7	20.0
Heptachlor	Ave	582970513	665794240		0.0286	0.0250	14.2	20.0
Aldrin	Ave	666083583	714145640		0.0268	0.0250	7.2	20.0
Heptachlor epoxide	Ave	581320598	657418920		0.0283	0.0250	13.1	20.0
gamma-Chlordane	Ave	586604093	654061720		0.0279	0.0250	11.5	20.0
alpha-Chlordane	Ave	610326008	674743600		0.0276	0.0250	10.6	20.0
Endosulfan I	Ave	531325762	603350040		0.0284	0.0250	13.6	20.0
4,4'-DDE	Ave	609850598	634976120		0.0260	0.0250	4.1	20.0
Dieldrin	Ave	594383876	651185200		0.0274	0.0250	9.6	20.0
Endrin	Ave	535793583	634236320		0.0296	0.0250	18.4	20.0
4,4'-DDD	Ave	427546511	492196360		0.0288	0.0250	15.1	20.0
Endosulfan II	Ave	485472127	579504720		0.0298	0.0250	19.4	20.0
4,4'-DDT	Ave	395546624	444291800		0.0281	0.0250	12.3	20.0
Endrin aldehyde	Ave	395073591	465392280		0.0294	0.0250	17.8	20.0
Endosulfan sulfate	Ave	442236050	508346920		0.0287	0.0250	14.9	20.0
Methoxychlor	Ave	199518519	245349280		0.0307	0.0250	23.0*	20.0
Endrin ketone	Ave	501538938	590552600		0.0294	0.0250	17.7	20.0
Tetrachloro-m-xylene	Ave	603960426	562414760		0.0233	0.0250	-6.9	20.0
DCB Decachlorobiphenyl	Ave	480698861	514512760		0.0268	0.0250	7.0	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82129/26 Calibration Date: 04/16/2013 20:41

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 14:20

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/14/2013 16:00

Lab File ID: P3041626.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.95	4.92	4.98
gamma-BHC (Lindane)	5.53	5.50	5.56
beta-BHC	5.72	5.69	5.75
delta-BHC	6.30	6.27	6.33
Heptachlor	6.36	6.33	6.39
Aldrin	7.11	7.08	7.14
Heptachlor epoxide	8.61	8.58	8.64
gamma-Chlordane	9.01	8.98	9.04
alpha-Chlordane	9.32	9.29	9.35
Endosulfan I	9.39	9.36	9.42
4,4'-DDE	9.77	9.74	9.80
Dieldrin	9.91	9.88	9.94
Endrin	10.44	10.41	10.47
4,4'-DDD	10.78	10.75	10.81
Endosulfan II	10.81	10.78	10.84
4,4'-DDT	11.26	11.23	11.29
Endrin aldehyde	11.37	11.34	11.40
Endosulfan sulfate	11.79	11.76	11.82
Methoxychlor	12.34	12.31	12.37
Endrin ketone	12.54	12.51	12.57
Tetrachloro-m-xylene	4.09	4.06	4.12
DCB Decachlorobiphenyl	14.26	14.23	14.29

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041626.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 16-Apr-2013 20:41:22 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0018914-026
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 26
Lims Batch ID: 82129 Lims Sample ID: 26
Sublist: chrom-PEST3*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130416-18914.b\PEST3.m
Last Update: 17-Apr-2013 10:53:12 Calib Date: 16-Apr-2013 14:58:16
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.495	3.495	0.000	26575440	0.0242			
2	100	4.093	4.093	0.000	14060369	0.0233			
						RPD = 3.69			
5 alpha-BHC									
1	100	4.185	4.185	0.000	43243721	0.0266			
2	100	4.949	4.949	0.000	22264928	0.0289			
						RPD = 8.23			
20 gamma-BHC (Lindane)									
1	100	4.566	4.566	0.000	39158320	0.0269			
2	100	5.533	5.533	0.000	19872277	0.0294			
						RPD = 8.68			
7 beta-BHC									
1	100	4.698	4.698	0.000	16253749	0.0263			
2	100	5.718	5.718	0.000	8557216	0.0289			
						RPD = 9.63			
11 delta-BHC									
1	100	4.913	4.913	0.000	40120779	0.0271			
2	100	6.302	6.302	0.000	20638759	0.0297			
						RPD = 9.03			
22 Heptachlor									
1	100	5.196	5.196	0.000	37983422	0.0295			
2	100	6.364	6.364	0.000	16644856	0.0286			
						RPD = 3.23			
4 Aldrin									
1	100	5.645	5.645	0.000	34803278	0.0256			
2	100	7.113	7.113	0.000	17853641	0.0268			
						RPD = 4.63			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.871	6.871	0.000	32700367	0.0266			
2	100	8.607	8.607	0.000	16435473	0.0283			
						RPD = 6.15			
21 gamma-Chlordane									
1	100	7.173	7.173	0.000	32971297	0.0261			
2	100	9.012	9.012	0.000	16351543	0.0279			
						RPD = 6.59			
6 alpha-Chlordane									
1	100	7.521	7.521	0.000	33665653	0.0261			
2	100	9.319	9.319	0.000	16868590	0.0276			
						RPD = 5.71			
14 Endosulfan I									
1	100	7.797	7.797	0.000	30740951	0.0267			
2	100	9.387	9.387	0.000	15083751	0.0284			
						RPD = 6.24			
2 4,4'-DDE									
1	100	7.898	7.898	0.000	31925308	0.0252			
2	100	9.768	9.768	0.000	15874403	0.0260			
						RPD = 3.21			
13 Dieldrin									
1	100	8.360	8.360	0.000	33325629	0.0263			
2	100	9.913	9.913	0.000	16279630	0.0274			
						RPD = 4.16			
17 Endrin									
1	100	8.822	8.822	0.000	33209790	0.0279			
2	100	10.436	10.436	0.000	15855908	0.0296			
						RPD = 5.79			
1 4,4'-DDD									
1	100	9.188	9.188	0.000	26675156	0.0275			
2	100	10.775	10.775	0.000	12304909	0.0288			
						RPD = 4.58			
15 Endosulfan II									
1	100	9.273	9.273	0.000	29022105	0.0265			
2	100	10.808	10.808	0.000	14487618	0.0298			
						RPD = 11.81			
3 4,4'-DDT									
1	100	9.711	9.711	0.000	26747309	0.0290			
2	100	11.256	11.256	0.000	11107295	0.0281			
						RPD = 3.23			
18 Endrin aldehyde									
1	100	10.078	10.078	0.000	23798211	0.0270			
2	100	11.373	11.373	0.000	11634807	0.0294			
						RPD = 8.60			
27 Methoxychlor									
1	100	10.675	10.675	0.000	14735899	0.0319			
2	100	12.338	12.338	0.000	6133732	0.0307			
						RPD = 3.81			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.808	10.808	0.000	26179094	0.0267			
2	100	11.792	11.792	0.000	12708673	0.0287			
						RPD = 7.41			
19 Endrin ketone									
1	100	11.208	11.208	0.000	31511319	0.0275			
2	100	12.540	12.540	0.000	14763815	0.0294			
						RPD = 6.70			
$ 10 DCB Decachlorobiphenyl									
1	100	12.830	12.830	0.000	24834966	0.0259			
2	100	14.256	14.256	0.000	12862819	0.0268			
						RPD = 3.40			

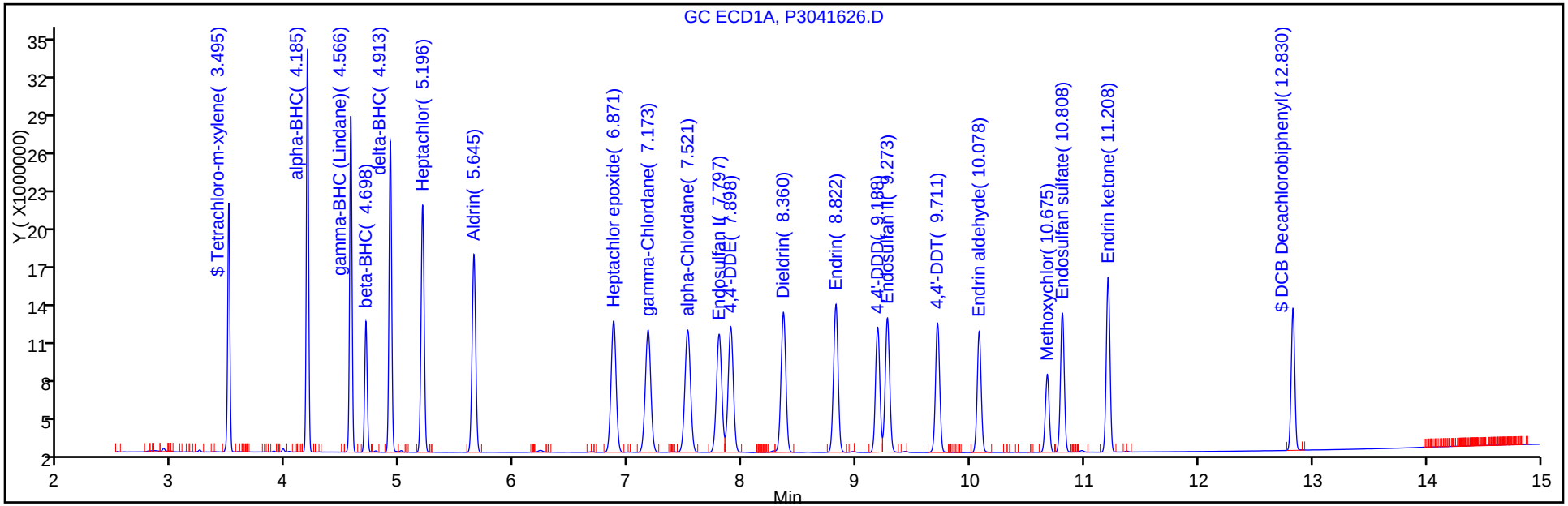
Report Date: 17-Apr-2013 10:53:12 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

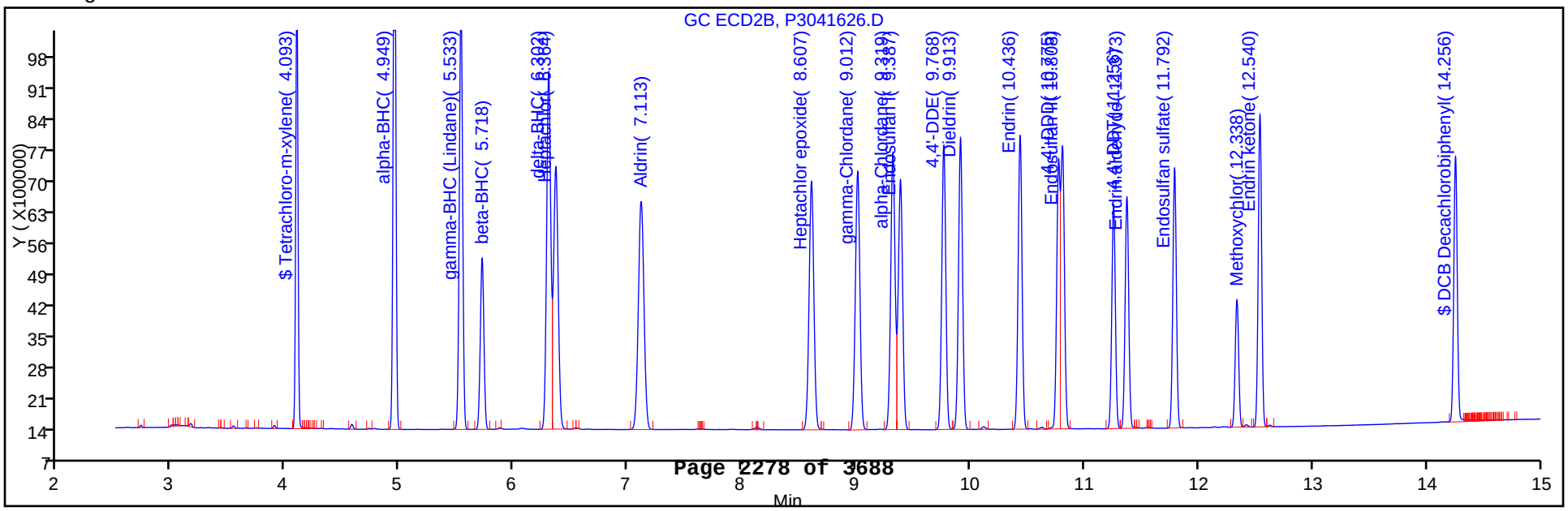
Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041626.D

Injection Date:	16-Apr-2013 20:41:22	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82129	Lims Sample ID:	26
Operator ID:	402582	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
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82129/46 Calibration Date: 04/17/2013 03:24

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 16:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/14/2013 18:00

Lab File ID: P3041646.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	48953063	47424734		0.969	1.00	-3.1	20.0
Toxaphene Peak 2	Ave	49795684	45415445		0.912	1.00	-8.8	20.0
Toxaphene Peak 3	Ave	41014572	33562179		0.818	1.00	-18.2	20.0
Toxaphene Peak 4	Ave	31176774	27601080		0.885	1.00	-11.5	20.0
Toxaphene Peak 5	Ave	26157631	16306199		0.623	1.00	-37.7*	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82129/46 Calibration Date: 04/17/2013 03:24

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 16:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/14/2013 18:00

Lab File ID: P3041646.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	10.26	10.23	10.29
Toxaphene Peak 2	10.61	10.58	10.64
Toxaphene Peak 3	10.76	10.73	10.79
Toxaphene Peak 4	11.18	11.15	11.21
Toxaphene Peak 5	11.45	11.42	11.48

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041646.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 17-Apr-2013 03:24:27 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0018914-046
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 46
Lims Batch ID: 82129 Lims Sample ID: 46
Sublist: chrom-PEST3*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130416-18914.b\PEST3.m
Last Update: 17-Apr-2013 10:52:51 Calib Date: 16-Apr-2013 14:58:16
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

First Level Reviewer: shockr Date: 17-Apr-2013 10:35:40

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	1	10.263	10.263	0.000	47424734	0.9688		100.0	M
1	2	10.610	10.610	0.000	45415445	0.9120	81.1- 121.1	95.8	M
1	3	10.759	10.759	0.000	33562179	0.8183	65.0- 105.0	70.8	M
1	4	11.177	11.177	0.000	27601080	0.8853	43.1- 83.1	58.2	M
1	5	11.447	11.447	0.000	16306199	0.6234	32.5- 72.5	34.4	M
			Average of Peak Amounts =			0.8416			
2	100	10.360	10.360	0.000	18948337	1.12		100.0	M
2	2	10.954	10.954	0.000	24535289	1.14	108.3- 148.3	129.5	M
2	3	11.375	11.375	0.000	27568505	1.06	134.7- 174.7	145.5	M
2	4	12.117	12.117	0.000	28311943	0.9339	157.2- 197.2	149.4	M
2	5	12.678	12.678	0.000	11044006	0.9035	51.7- 91.7	58.3	M
			Average of Peak Amounts =			1.03			
						RPD = 20.30			

QC Flag Legend

Review Flags
M - Manually Integrated

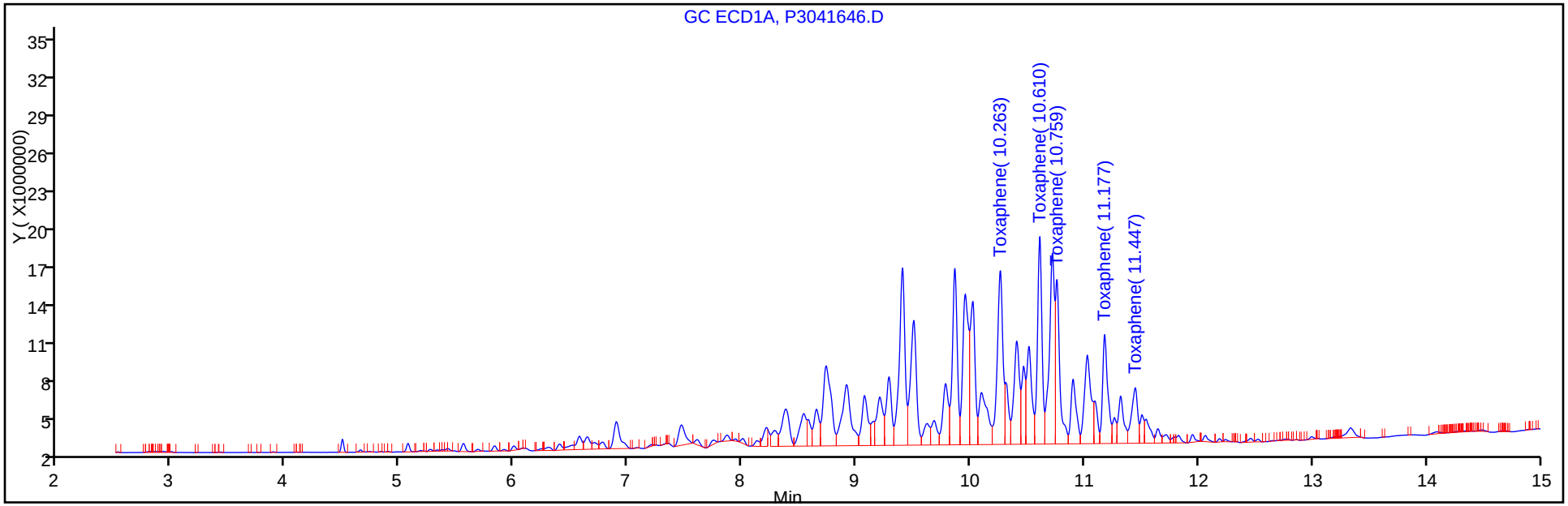
Report Date: 17-Apr-2013 10:52:51 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

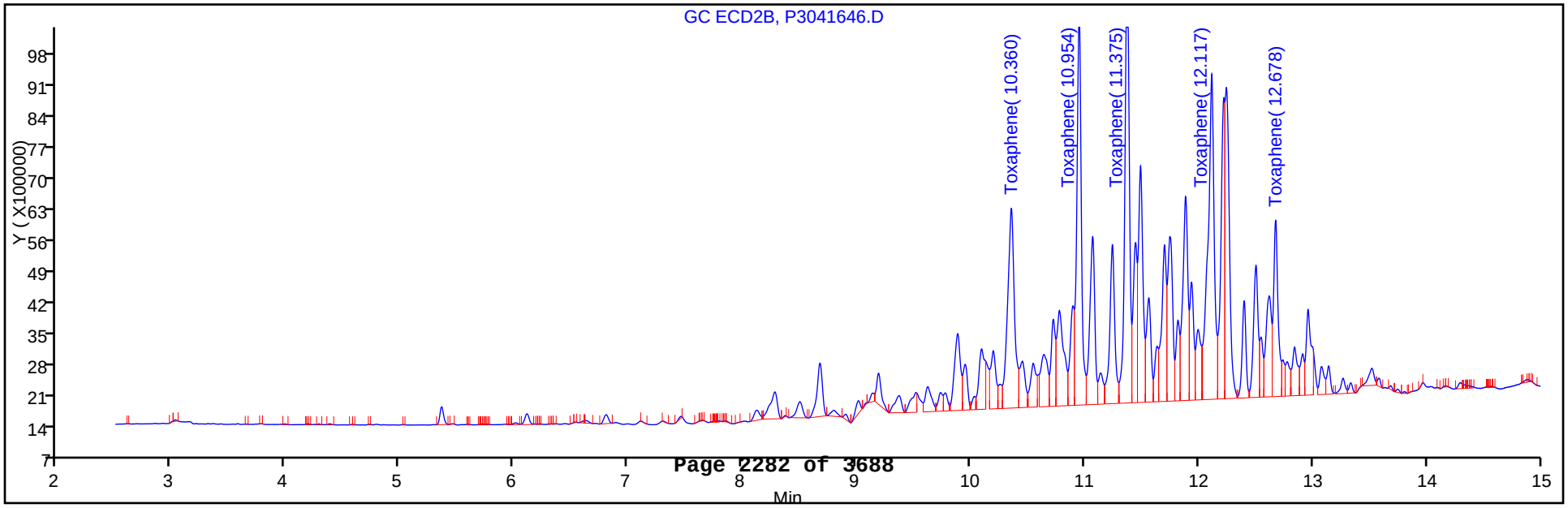
Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041646.D

Injection Date:	17-Apr-2013 03:24:27	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82129	Lims Sample ID:	46
Operator ID:	402582	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



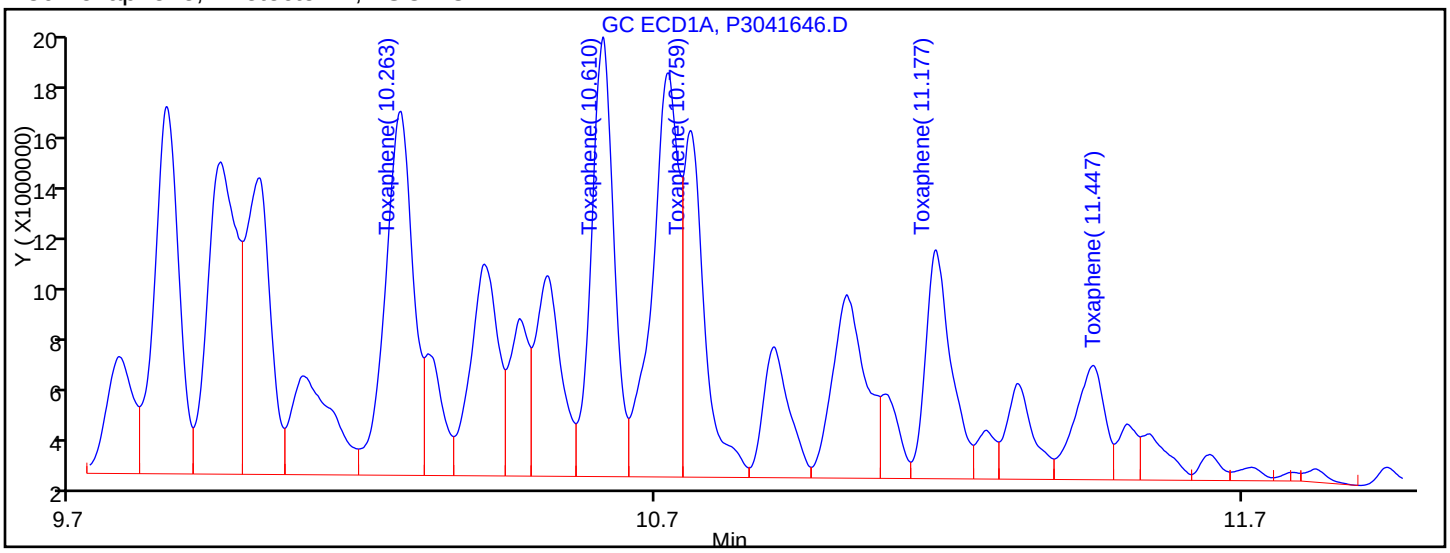
Report Date: 17-Apr-2013 10:52:52 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041646.D

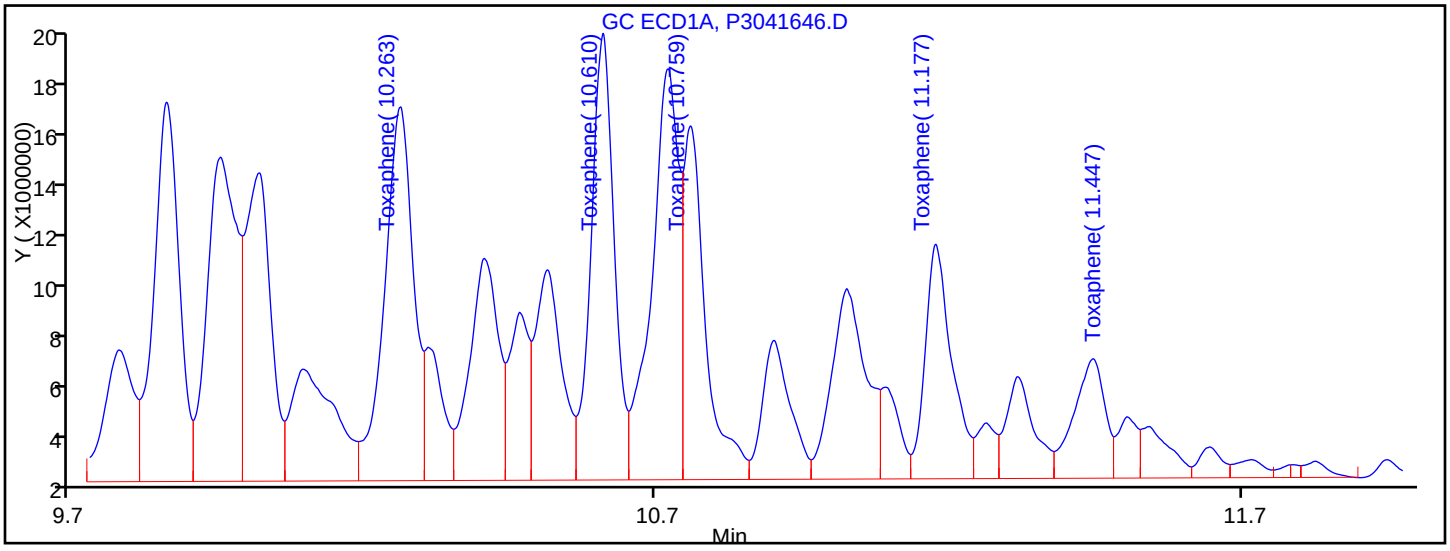
Injection Date:	17-Apr-2013 03:24:27	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82129	Lims Sample ID:	46
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 1, GC ECD1A



Processing Integration Results

RT = 10.263	Response = 44145189	M
RT = 10.610	Response = 43207566	M
RT = 10.759	Response = 31063941	M
RT = 11.177	Response = 25763624	M
RT = 11.447	Response = 14883908	M



Manual Integration Results

RT = 10.263	Response = 47424734	M
RT = 10.610	Response = 45415445	M
RT = 10.759	Response = 33562179	M
RT = 11.177	Response = 27601080	M
RT = 11.447	Response = 16306199	M

Reviewer: shockr, 17-Apr-2013 10:35:40

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82129/46 Calibration Date: 04/17/2013 03:24

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 16:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/14/2013 18:00

Lab File ID: P3041646.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	16883134	18948337		1.12	1.00	12.2	20.0
Toxaphene Peak 2	Ave	21534081	24535289		1.14	1.00	13.9	20.0
Toxaphene Peak 3	Ave	26029451	27568505		1.06	1.00	5.9	20.0
Toxaphene Peak 4	Ave	30315481	28311943		0.934	1.00	-6.6	20.0
Toxaphene Peak 5	Ave	12222975	11044006		0.904	1.00	-9.6	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82129/46 Calibration Date: 04/17/2013 03:24

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 16:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/14/2013 18:00

Lab File ID: P3041646.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	10.36	10.33	10.39
Toxaphene Peak 2	10.95	10.92	10.98
Toxaphene Peak 3	11.38	11.35	11.41
Toxaphene Peak 4	12.12	12.09	12.15
Toxaphene Peak 5	12.68	12.65	12.71

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041646.D		
Lims ID:	CCV TOX3	Client ID:	
Inject. Date:	17-Apr-2013 03:24:27	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0018914-046		
Misc. Info.:			
Operator:	402582	Instrument ID:	A2HP3
Injection Vol:	1.0 ul	ALS Bottle#:	46
Lims Batch ID:	82129	Lims Sample ID:	46
Sublist:	chrom-PEST3*sub5		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP3\20130416-18914.b\PEST3.m		
Last Update:	17-Apr-2013 10:52:51	Calib Date:	16-Apr-2013 14:58:16
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

First Level Reviewer: shockr Date: 17-Apr-2013 10:35:40

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	1	10.263	10.263	0.000	47424734	0.9688		100.0	M
1	2	10.610	10.610	0.000	45415445	0.9120	81.1- 121.1	95.8	M
1	3	10.759	10.759	0.000	33562179	0.8183	65.0- 105.0	70.8	M
1	4	11.177	11.177	0.000	27601080	0.8853	43.1- 83.1	58.2	M
1	5	11.447	11.447	0.000	16306199	0.6234	32.5- 72.5	34.4	M
			Average of Peak Amounts =			0.8416			
2	100	10.360	10.360	0.000	18948337	1.12		100.0	M
2	2	10.954	10.954	0.000	24535289	1.14	108.3- 148.3	129.5	M
2	3	11.375	11.375	0.000	27568505	1.06	134.7- 174.7	145.5	M
2	4	12.117	12.117	0.000	28311943	0.9339	157.2- 197.2	149.4	M
2	5	12.678	12.678	0.000	11044006	0.9035	51.7- 91.7	58.3	M
			Average of Peak Amounts =			1.03			
						RPD = 20.30			

QC Flag Legend

Review Flags
M - Manually Integrated

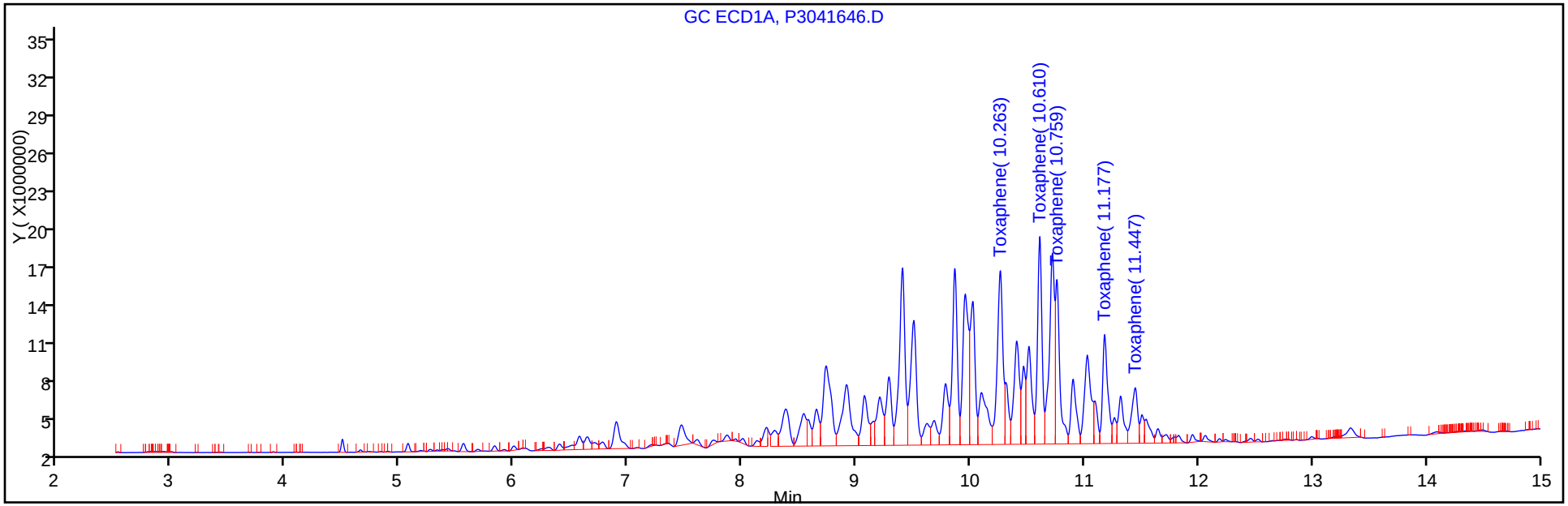
Report Date: 17-Apr-2013 10:52:52 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

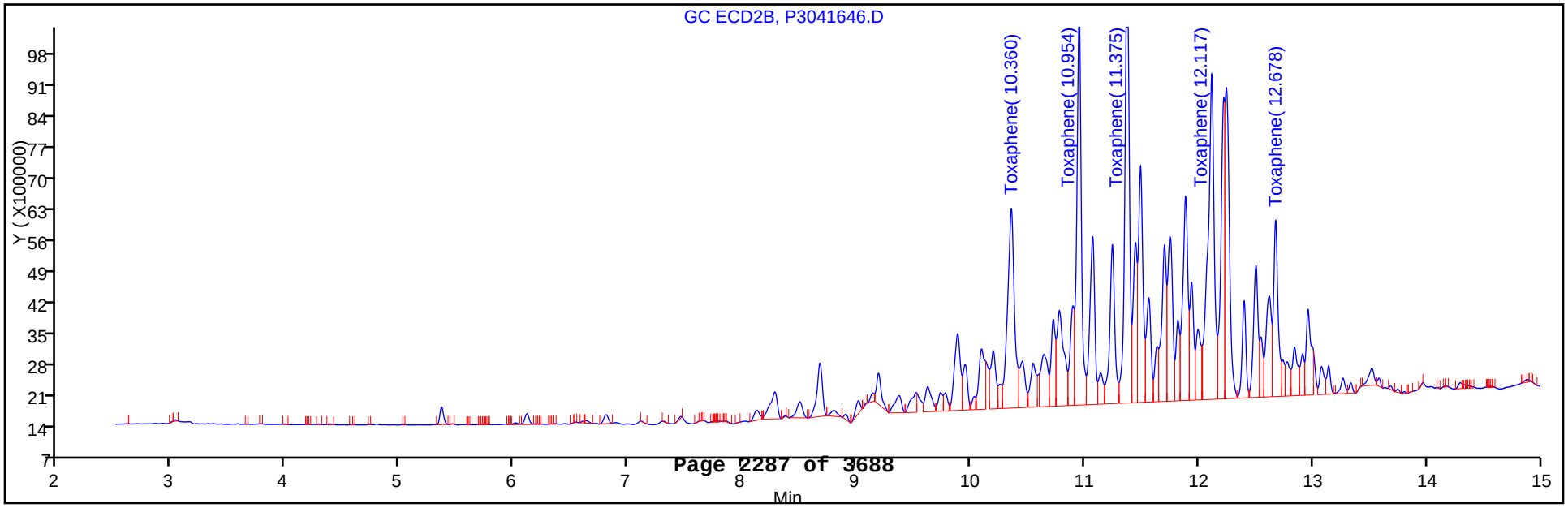
Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041646.D

Injection Date:	17-Apr-2013 03:24:27	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82129	Lims Sample ID:	46
Operator ID:	402582	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



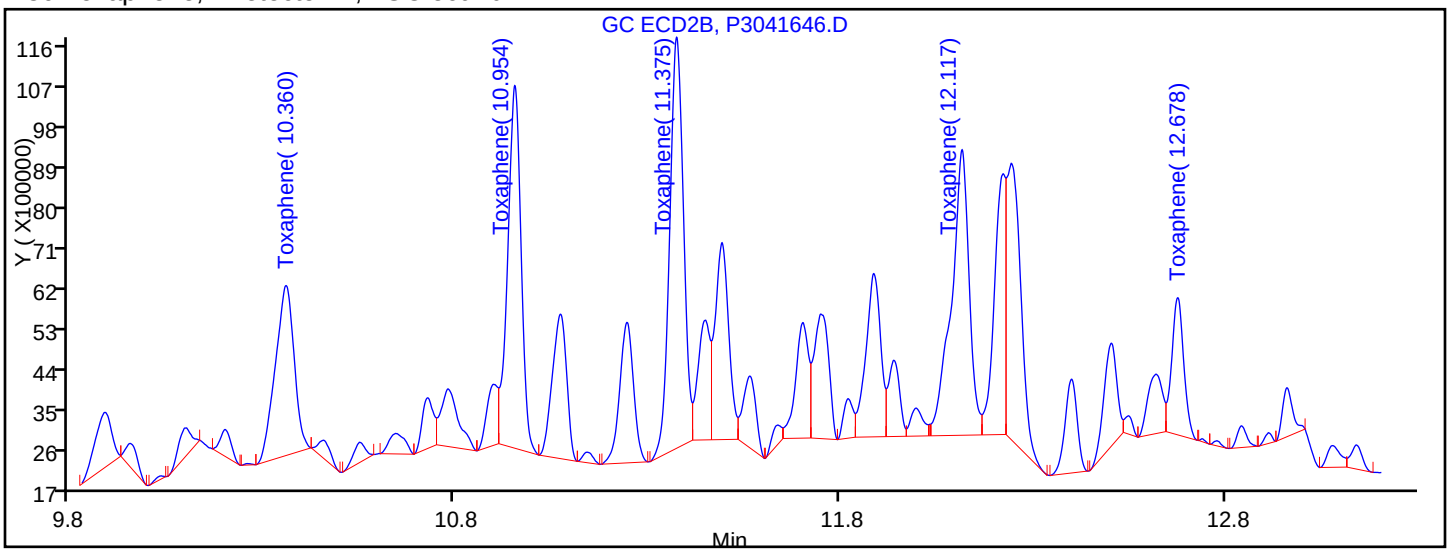
Report Date: 17-Apr-2013 10:52:52 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041646.D

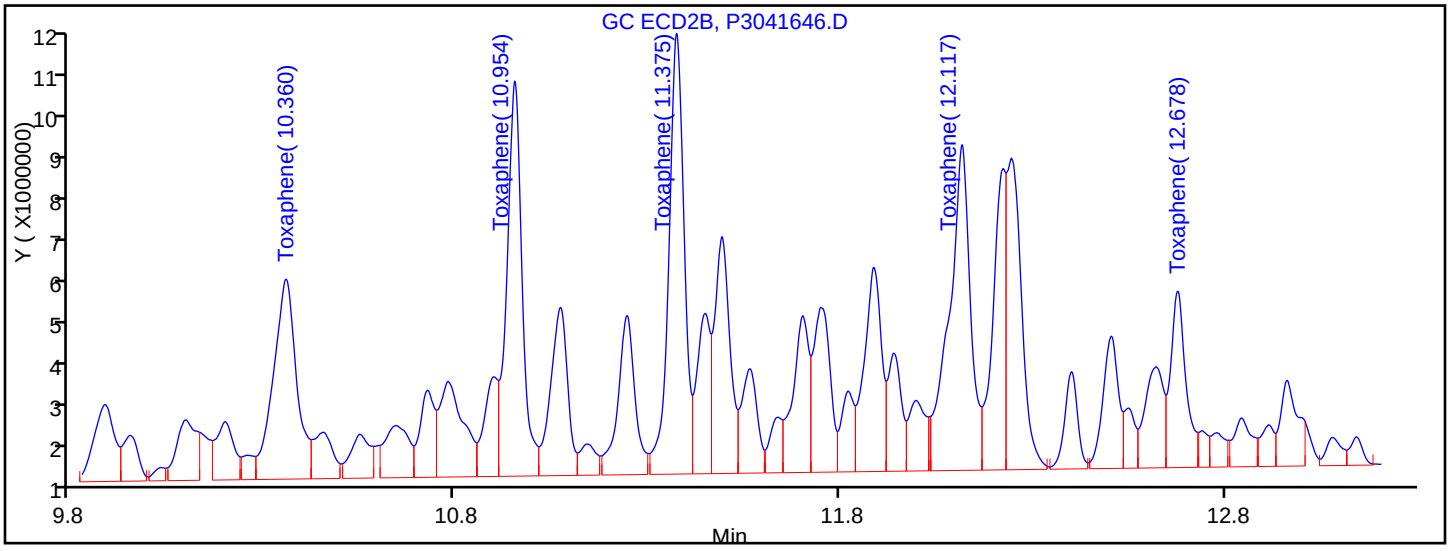
Injection Date:	17-Apr-2013 03:24:27	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82129	Lims Sample ID:	46
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 2, GC ecd2b



Processing Integration Results

RT = 10.360	Response = 12926445	M
RT = 10.954	Response = 19623554	M
RT = 11.375	Response = 22883384	M
RT = 12.117	Response = 20557435	M
RT = 12.678	Response = 6644993	M



Manual Integration Results

RT = 10.360	Response = 18948337	M
RT = 10.954	Response = 24535289	M
RT = 11.375	Response = 27568505	M
RT = 12.117	Response = 28311943	M
RT = 12.678	Response = 11044006	M

Reviewer: shockr, 17-Apr-2013 10:35:40

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82685/5 Calibration Date: 04/19/2013 11:45

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 14:20

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/14/2013 16:00

Lab File ID: P3041905.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1623707372	1710432880		0.0263	0.0250	5.3	20.0
gamma-BHC (Lindane)	Ave	1455203462	1557592920		0.0268	0.0250	7.0	20.0
beta-BHC	Ave	618486639	646157000		0.0261	0.0250	4.5	20.0
delta-BHC	Ave	1480196914	1592216360		0.0269	0.0250	7.6	20.0
Heptachlor	Ave	1288059053	1527618400		0.0296	0.0250	18.6	20.0
Aldrin	Ave	1359987606	1391907640		0.0256	0.0250	2.3	20.0
Heptachlor epoxide	Ave	1229987574	1311092160		0.0266	0.0250	6.6	20.0
gamma-Chlordane	Ave	1263492565	1319228280		0.0261	0.0250	4.4	20.0
alpha-Chlordane	Ave	1289702829	1348261760		0.0261	0.0250	4.5	20.0
Endosulfan I	Ave	1152636801	1237048000		0.0268	0.0250	7.3	20.0
4,4'-DDE	Ave	1266505227	1279961600		0.0253	0.0250	1.1	20.0
Dieldrin	Ave	1268423751	1335944480		0.0263	0.0250	5.3	20.0
Endrin	Ave	1189138903	1310268240		0.0275	0.0250	10.2	20.0
4,4'-DDD	Ave	970323691	1043693080		0.0269	0.0250	7.6	20.0
Endosulfan II	Ave	1094573989	1168053280		0.0267	0.0250	6.7	20.0
4,4'-DDT	Ave	922210777	1149029840		0.0311	0.0250	24.6*	20.0
Endrin aldehyde	Ave	880698493	961289880		0.0273	0.0250	9.2	20.0
Methoxychlor	Ave	461419504	621568320		0.0337	0.0250	34.7*	20.0
Endosulfan sulfate	Ave	981061458	1053723480		0.0269	0.0250	7.4	20.0
Endrin ketone	Ave	1144648217	1281083600		0.0280	0.0250	11.9	20.0
Tetrachloro-m-xylene	Ave	1100163513	1057860280		0.0240	0.0250	-3.8	20.0
DCB Decachlorobiphenyl	Ave	960238458	983896200		0.0256	0.0250	2.5	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82685/5 Calibration Date: 04/19/2013 11:45

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 14:20

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/14/2013 16:00

Lab File ID: P3041905.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.18	4.15	4.21
gamma-BHC (Lindane)	4.56	4.53	4.59
beta-BHC	4.70	4.67	4.73
delta-BHC	4.91	4.88	4.94
Heptachlor	5.19	5.16	5.22
Aldrin	5.64	5.61	5.67
Heptachlor epoxide	6.87	6.84	6.90
gamma-Chlordane	7.17	7.14	7.20
alpha-Chlordane	7.52	7.49	7.55
Endosulfan I	7.80	7.77	7.83
4,4'-DDE	7.90	7.87	7.93
Dieldrin	8.36	8.33	8.39
Endrin	8.82	8.79	8.85
4,4'-DDD	9.18	9.15	9.21
Endosulfan II	9.27	9.24	9.30
4,4'-DDT	9.71	9.68	9.74
Endrin aldehyde	10.07	10.04	10.10
Methoxychlor	10.67	10.64	10.70
Endosulfan sulfate	10.80	10.77	10.83
Endrin ketone	11.20	11.17	11.23
Tetrachloro-m-xylene	3.49	3.46	3.52
DCB Decachlorobiphenyl	12.82	12.79	12.85

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041905.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 19-Apr-2013 11:45:41 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0019054-005
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 82685 Lims Sample ID: 5
Sublist: chrom-PEST3*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130419-19054.b\PEST3.m
Last Update: 20-Apr-2013 07:39:31 Calib Date: 16-Apr-2013 14:58:16
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK028

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.490	3.490	0.000	26446507	0.0240			
2	100	4.092	4.092	0.000	13909802	0.0230			
						RPD = 4.28			
5 alpha-BHC									
1	100	4.181	4.181	0.000	42760822	0.0263			
2	100	4.949	4.949	0.000	22154592	0.0288			
						RPD = 8.85			
20 gamma-BHC (Lindane)									
1	100	4.561	4.561	0.000	38939823	0.0268			
2	100	5.533	5.533	0.000	19991447	0.0295			
						RPD = 9.84			
7 beta-BHC									
1	100	4.695	4.695	0.000	16153925	0.0261			
2	100	5.719	5.719	0.000	8577539	0.0290			
						RPD = 10.48			
11 delta-BHC									
1	100	4.910	4.910	0.000	39805409	0.0269			
2	100	6.304	6.304	0.000	20651155	0.0297			
						RPD = 9.88			
22 Heptachlor									
1	100	5.194	5.194	0.000	38190460	0.0296			
2	100	6.366	6.366	0.000	18054069	0.0310			
						RPD = 4.35			
4 Aldrin									
1	100	5.644	5.644	0.000	34797691	0.0256			
2	100	7.115	7.115	0.000	18068806	0.0271			
						RPD = 5.84			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.870	6.870	0.000	32777304	0.0266			
2	100	8.607	8.607	0.000	16679565	0.0287			
						RPD = 7.39			
21 gamma-Chlordane									
1	100	7.172	7.172	0.000	32980707	0.0261			
2	100	9.012	9.012	0.000	16664294	0.0284			
						RPD = 8.46			
6 alpha-Chlordane									
1	100	7.520	7.520	0.000	33706544	0.0261			
2	100	9.322	9.322	0.000	16899337	0.0277			
						RPD = 5.77			
14 Endosulfan I									
1	100	7.795	7.795	0.000	30926200	0.0268			
2	100	9.388	9.388	0.000	15422996	0.0290			
						RPD = 7.86			
2 4,4'-DDE									
1	100	7.897	7.897	0.000	31999040	0.0253			
2	100	9.766	9.766	0.000	15906933	0.0261			
						RPD = 3.18			
13 Dieldrin									
1	100	8.357	8.357	0.000	33398612	0.0263			
2	100	9.914	9.914	0.000	16486603	0.0277			
						RPD = 5.20			
17 Endrin									
1	100	8.816	8.816	0.000	32756706	0.0275			
2	100	10.435	10.435	0.000	15989334	0.0298			
						RPD = 8.00			
1 4,4'-DDD									
1	100	9.182	9.182	0.000	26092327	0.0269			
2	100	10.775	10.775	0.000	12492150	0.0292			
						RPD = 8.30			
15 Endosulfan II									
1	100	9.268	9.268	0.000	29201332	0.0267			
2	100	10.807	10.807	0.000	14635883	0.0301			
						RPD = 12.21			
3 4,4'-DDT									
1	100	9.706	9.706	0.000	28725746	0.0311			
2	100	11.256	11.256	0.000	12650185	0.0320			
						RPD = 2.64			
18 Endrin aldehyde									
1	100	10.070	10.070	0.000	24032247	0.0273			
2	100	11.374	11.374	0.000	11897264	0.0301			
						RPD = 9.85			
27 Methoxychlor									
1	100	10.667	10.667	0.000	15539208	0.0337			
2	100	12.336	12.336	0.000	6777692	0.0340			
						RPD = 0.87			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.800	10.800	0.000	26343087	0.0269			
2	100	11.791	11.791	0.000	13128516	0.0297			
						RPD = 10.03			
19 Endrin ketone									
1	100	11.201	11.201	0.000	32027090	0.0280			
2	100	12.539	12.539	0.000	15469335	0.0308			
						RPD = 9.74			
$ 10 DCB Decachlorobiphenyl									
1	100	12.824	12.824	0.000	24597405	0.0256			
2	100	14.253	14.253	0.000	12868313	0.0268			
						RPD = 4.41			

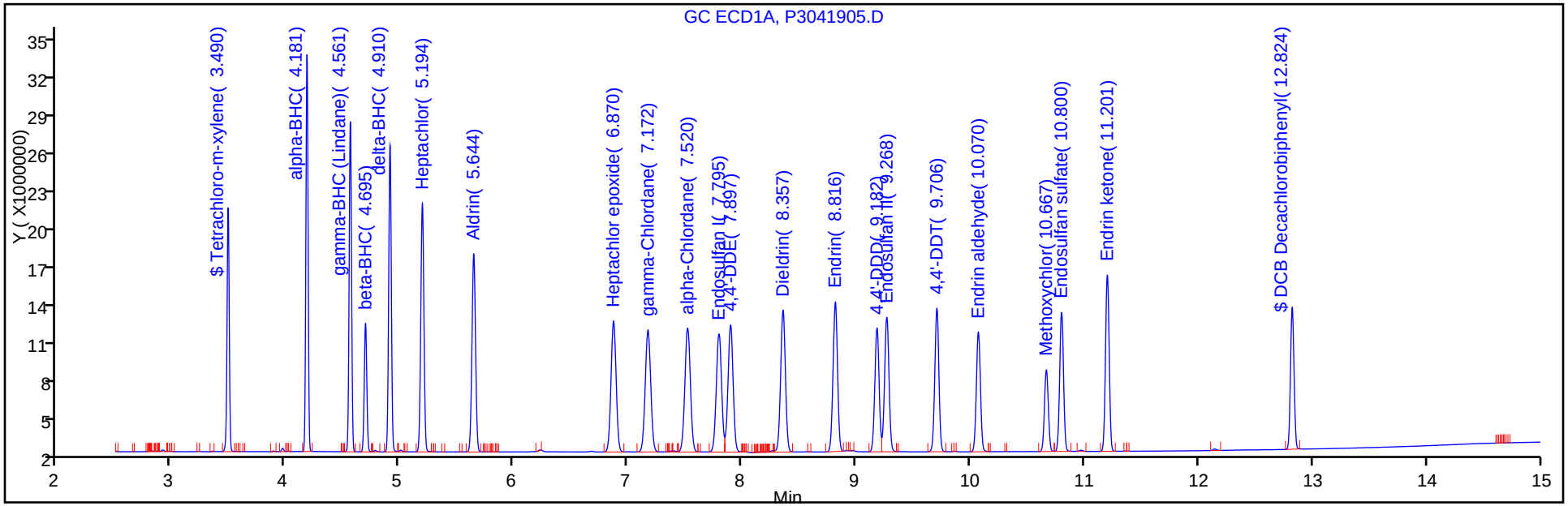
Report Date: 20-Apr-2013 07:39:31 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

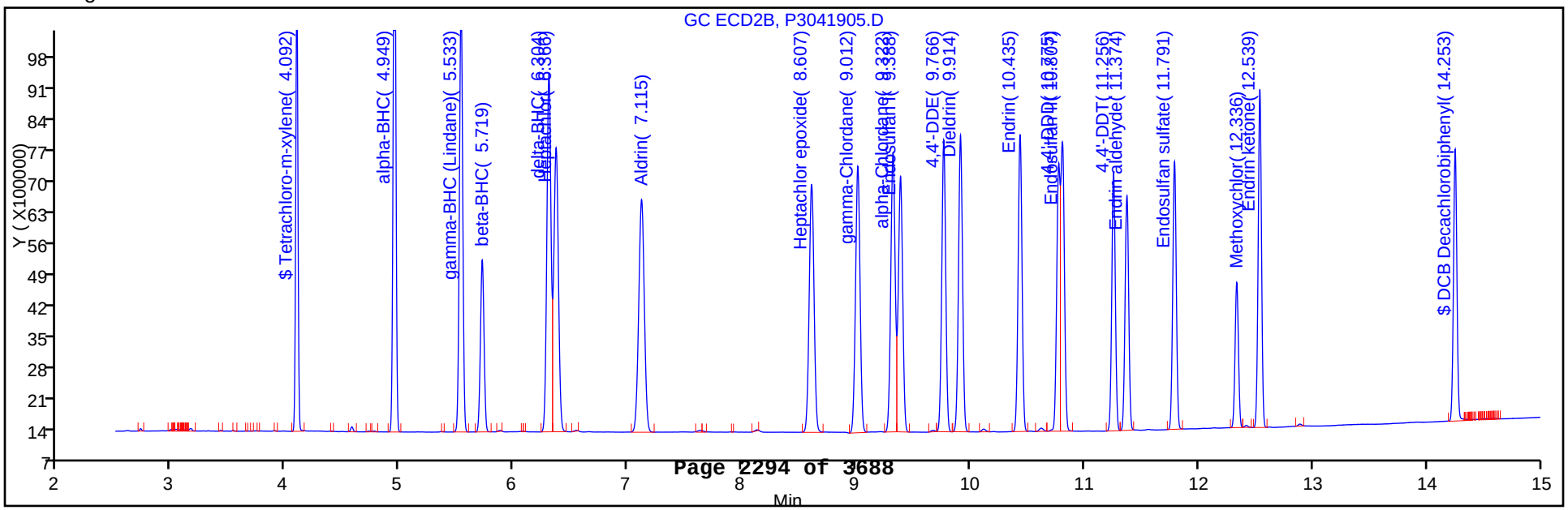
Data File: \\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041905.D

Injection Date:	19-Apr-2013 11:45:41	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82685	Lims Sample ID:	5
Operator ID:	402582	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
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82685/5 Calibration Date: 04/19/2013 11:45

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 14:20

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/14/2013 16:00

Lab File ID: P3041905.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	769922401	886183680		0.0288	0.0250	15.1	20.0
gamma-BHC (Lindane)	Ave	677058072	799657880		0.0295	0.0250	18.1	20.0
beta-BHC	Ave	295707343	343101560		0.0290	0.0250	16.0	20.0
delta-BHC	Ave	695621800	826046200		0.0297	0.0250	18.7	20.0
Heptachlor	Ave	582970513	722162760		0.0310	0.0250	23.9*	20.0
Aldrin	Ave	666083583	722752240		0.0271	0.0250	8.5	20.0
Heptachlor epoxide	Ave	581320598	667182600		0.0287	0.0250	14.8	20.0
gamma-Chlordane	Ave	586604093	666571760		0.0284	0.0250	13.6	20.0
alpha-Chlordane	Ave	610326008	675973480		0.0277	0.0250	10.8	20.0
Endosulfan I	Ave	531325762	616919840		0.0290	0.0250	16.1	20.0
4,4'-DDE	Ave	609850598	636277320		0.0261	0.0250	4.3	20.0
Dieldrin	Ave	594383876	659464120		0.0277	0.0250	10.9	20.0
Endrin	Ave	535793583	639573360		0.0298	0.0250	19.4	20.0
4,4'-DDD	Ave	427546511	499686000		0.0292	0.0250	16.9	20.0
Endosulfan II	Ave	485472127	585435320		0.0301	0.0250	20.6*	20.0
4,4'-DDT	Ave	395546624	506007400		0.0320	0.0250	27.9*	20.0
Endrin aldehyde	Ave	395073591	475890560		0.0301	0.0250	20.5*	20.0
Endosulfan sulfate	Ave	442236050	525140640		0.0297	0.0250	18.7	20.0
Methoxychlor	Ave	199518519	271107680		0.0340	0.0250	35.9*	20.0
Endrin ketone	Ave	501538938	618773400		0.0308	0.0250	23.4*	20.0
Tetrachloro-m-xylene	Ave	603960426	556392080		0.0230	0.0250	-7.9	20.0
DCB Decachlorobiphenyl	Ave	480698861	514732520		0.0268	0.0250	7.1	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82685/5 Calibration Date: 04/19/2013 11:45

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 14:20

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/14/2013 16:00

Lab File ID: P3041905.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.95	4.92	4.98
gamma-BHC (Lindane)	5.53	5.50	5.56
beta-BHC	5.72	5.69	5.75
delta-BHC	6.30	6.27	6.33
Heptachlor	6.37	6.34	6.40
Aldrin	7.12	7.09	7.15
Heptachlor epoxide	8.61	8.58	8.64
gamma-Chlordane	9.01	8.98	9.04
alpha-Chlordane	9.32	9.29	9.35
Endosulfan I	9.39	9.36	9.42
4,4'-DDE	9.77	9.74	9.80
Dieldrin	9.91	9.88	9.94
Endrin	10.44	10.41	10.47
4,4'-DDD	10.78	10.75	10.81
Endosulfan II	10.81	10.78	10.84
4,4'-DDT	11.26	11.23	11.29
Endrin aldehyde	11.37	11.34	11.40
Endosulfan sulfate	11.79	11.76	11.82
Methoxychlor	12.34	12.31	12.37
Endrin ketone	12.54	12.51	12.57
Tetrachloro-m-xylene	4.09	4.06	4.12
DCB Decachlorobiphenyl	14.25	14.22	14.28

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041905.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 19-Apr-2013 11:45:41 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0019054-005
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 82685 Lims Sample ID: 5
Sublist: chrom-PEST3*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130419-19054.b\PEST3.m
Last Update: 20-Apr-2013 07:39:31 Calib Date: 16-Apr-2013 14:58:16
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK028

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.490	3.490	0.000	26446507	0.0240			
2	100	4.092	4.092	0.000	13909802	0.0230			
						RPD = 4.28			
5 alpha-BHC									
1	100	4.181	4.181	0.000	42760822	0.0263			
2	100	4.949	4.949	0.000	22154592	0.0288			
						RPD = 8.85			
20 gamma-BHC (Lindane)									
1	100	4.561	4.561	0.000	38939823	0.0268			
2	100	5.533	5.533	0.000	19991447	0.0295			
						RPD = 9.84			
7 beta-BHC									
1	100	4.695	4.695	0.000	16153925	0.0261			
2	100	5.719	5.719	0.000	8577539	0.0290			
						RPD = 10.48			
11 delta-BHC									
1	100	4.910	4.910	0.000	39805409	0.0269			
2	100	6.304	6.304	0.000	20651155	0.0297			
						RPD = 9.88			
22 Heptachlor									
1	100	5.194	5.194	0.000	38190460	0.0296			
2	100	6.366	6.366	0.000	18054069	0.0310			
						RPD = 4.35			
4 Aldrin									
1	100	5.644	5.644	0.000	34797691	0.0256			
2	100	7.115	7.115	0.000	18068806	0.0271			
						RPD = 5.84			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.870	6.870	0.000	32777304	0.0266			
2	100	8.607	8.607	0.000	16679565	0.0287			
						RPD = 7.39			
21 gamma-Chlordane									
1	100	7.172	7.172	0.000	32980707	0.0261			
2	100	9.012	9.012	0.000	16664294	0.0284			
						RPD = 8.46			
6 alpha-Chlordane									
1	100	7.520	7.520	0.000	33706544	0.0261			
2	100	9.322	9.322	0.000	16899337	0.0277			
						RPD = 5.77			
14 Endosulfan I									
1	100	7.795	7.795	0.000	30926200	0.0268			
2	100	9.388	9.388	0.000	15422996	0.0290			
						RPD = 7.86			
2 4,4'-DDE									
1	100	7.897	7.897	0.000	31999040	0.0253			
2	100	9.766	9.766	0.000	15906933	0.0261			
						RPD = 3.18			
13 Dieldrin									
1	100	8.357	8.357	0.000	33398612	0.0263			
2	100	9.914	9.914	0.000	16486603	0.0277			
						RPD = 5.20			
17 Endrin									
1	100	8.816	8.816	0.000	32756706	0.0275			
2	100	10.435	10.435	0.000	15989334	0.0298			
						RPD = 8.00			
1 4,4'-DDD									
1	100	9.182	9.182	0.000	26092327	0.0269			
2	100	10.775	10.775	0.000	12492150	0.0292			
						RPD = 8.30			
15 Endosulfan II									
1	100	9.268	9.268	0.000	29201332	0.0267			
2	100	10.807	10.807	0.000	14635883	0.0301			
						RPD = 12.21			
3 4,4'-DDT									
1	100	9.706	9.706	0.000	28725746	0.0311			
2	100	11.256	11.256	0.000	12650185	0.0320			
						RPD = 2.64			
18 Endrin aldehyde									
1	100	10.070	10.070	0.000	24032247	0.0273			
2	100	11.374	11.374	0.000	11897264	0.0301			
						RPD = 9.85			
27 Methoxychlor									
1	100	10.667	10.667	0.000	15539208	0.0337			
2	100	12.336	12.336	0.000	6777692	0.0340			
						RPD = 0.87			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.800	10.800	0.000	26343087	0.0269			
2	100	11.791	11.791	0.000	13128516	0.0297			
						RPD = 10.03			
19 Endrin ketone									
1	100	11.201	11.201	0.000	32027090	0.0280			
2	100	12.539	12.539	0.000	15469335	0.0308			
						RPD = 9.74			
$ 10 DCB Decachlorobiphenyl									
1	100	12.824	12.824	0.000	24597405	0.0256			
2	100	14.253	14.253	0.000	12868313	0.0268			
						RPD = 4.41			

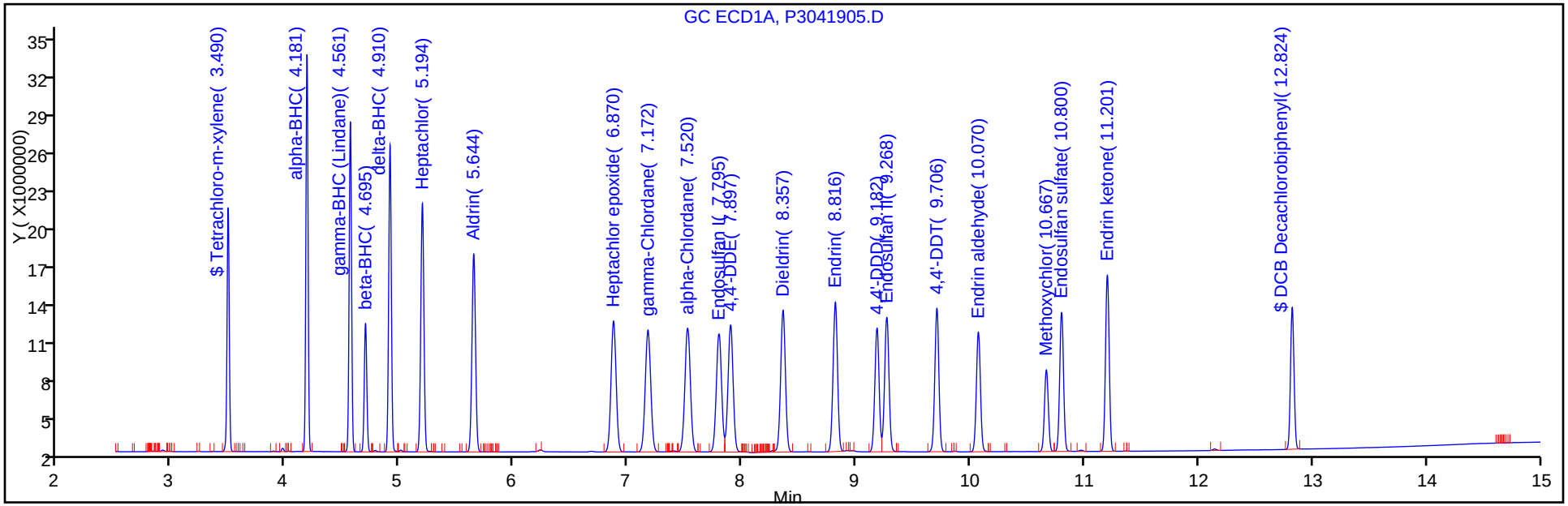
Report Date: 20-Apr-2013 07:39:31 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

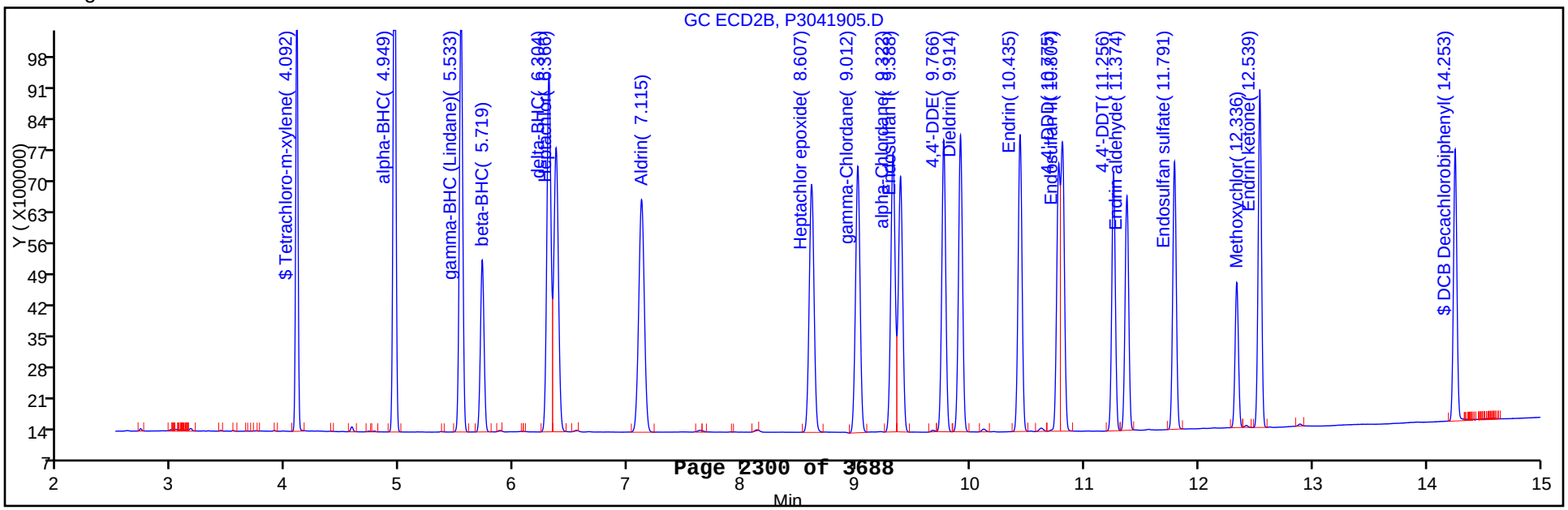
Data File: \\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041905.D

Injection Date:	19-Apr-2013 11:45:41	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82685	Lims Sample ID:	5
Operator ID:	402582	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
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82685/7 Calibration Date: 04/19/2013 12:26

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 16:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/14/2013 18:00

Lab File ID: P3041907.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	48953063	55041979		1.12	1.00	12.4	20.0
Toxaphene Peak 2	Ave	49795684	55253781		1.11	1.00	11.0	20.0
Toxaphene Peak 3	Ave	41014572	46427649		1.13	1.00	13.2	20.0
Toxaphene Peak 4	Ave	31176774	35407081		1.14	1.00	13.6	20.0
Toxaphene Peak 5	Ave	26157631	30093343		1.15	1.00	15.0	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82685/7 Calibration Date: 04/19/2013 12:26

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 16:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/14/2013 18:00

Lab File ID: P3041907.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	10.26	10.23	10.29
Toxaphene Peak 2	10.61	10.58	10.64
Toxaphene Peak 3	10.76	10.73	10.79
Toxaphene Peak 4	11.17	11.14	11.20
Toxaphene Peak 5	11.45	11.42	11.48

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041907.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 19-Apr-2013 12:26:00 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0019054-007
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 82685 Lims Sample ID: 7
Sublist: chrom-PEST3*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130419-19054.b\PEST3.m
Last Update: 20-Apr-2013 07:39:32 Calib Date: 16-Apr-2013 14:58:16
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK028

First Level Reviewer: shockr Date: 19-Apr-2013 13:09:14

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	1	10.261	10.261	0.000	55041979	1.12		100.0	M
1	2	10.605	10.605	0.000	55253781	1.11	81.1- 121.1	100.4	M
1	3	10.758	10.758	0.000	46427649	1.13	65.0- 105.0	84.3	M
1	4	11.174	11.174	0.000	35407081	1.14	43.1- 83.1	64.3	M
1	5	11.446	11.446	0.000	30093343	1.15	32.5- 72.5	54.7	M
			Average of Peak Amounts =			1.13			
2	100	10.363	10.363	0.000	18694020	1.11		100.0	M
2	2	10.953	10.953	0.000	25336076	1.18	108.3- 148.3	135.5	M
2	3	11.373	11.373	0.000	30643672	1.18	134.7- 174.7	163.9	M
2	4	12.117	12.117	0.000	35963611	1.19	157.2- 197.2	192.4	M
2	5	12.677	12.677	0.000	14727358	1.20	51.7- 91.7	78.8	M
			Average of Peak Amounts =			1.17			
						RPD = 3.48			

QC Flag Legend

Review Flags
M - Manually Integrated

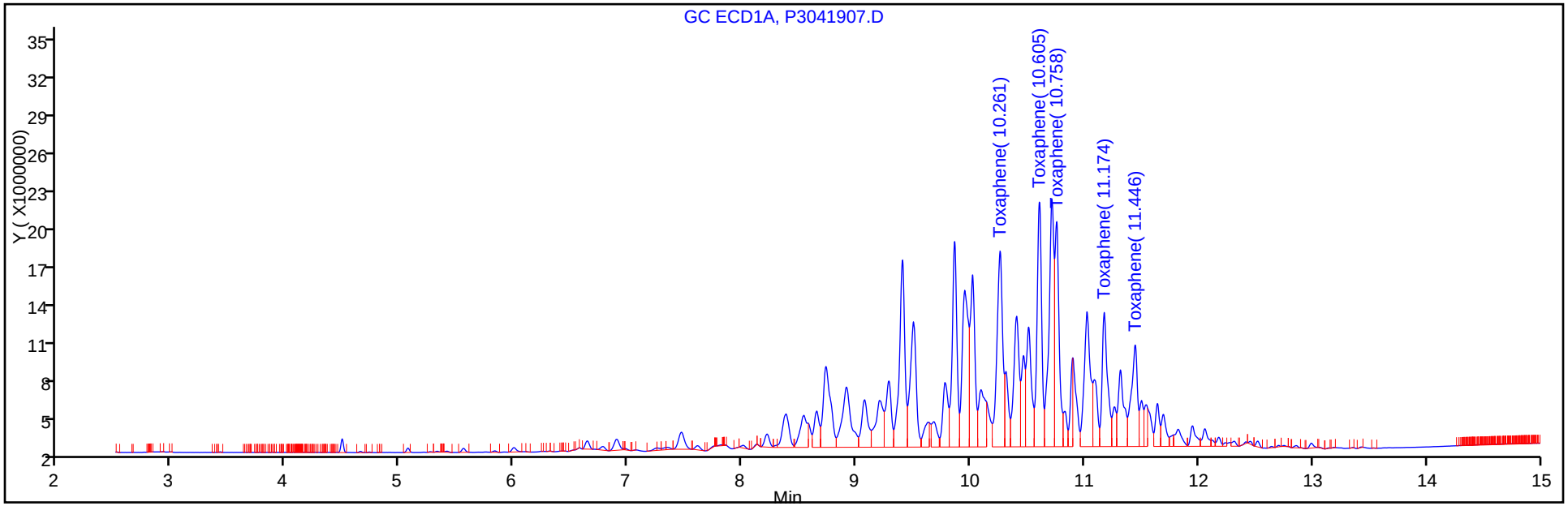
Report Date: 20-Apr-2013 07:39:33 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

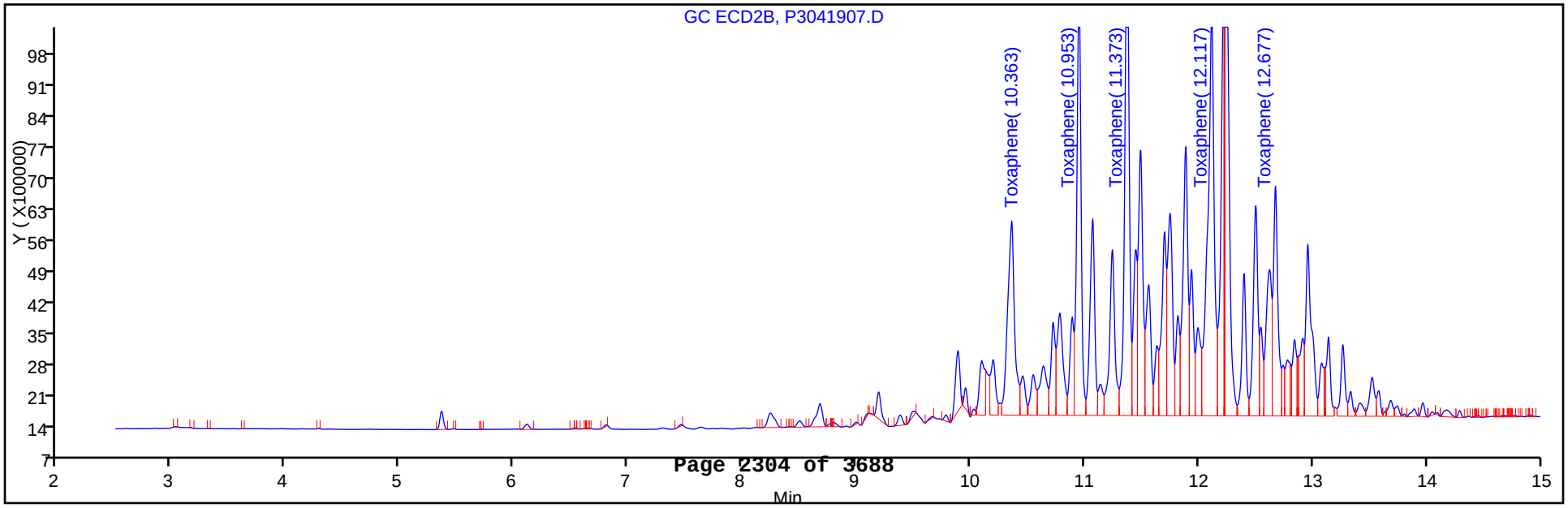
Data File: \\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041907.D

Injection Date:	19-Apr-2013 12:26:00	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82685	Lims Sample ID:	7
Operator ID:	402582	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



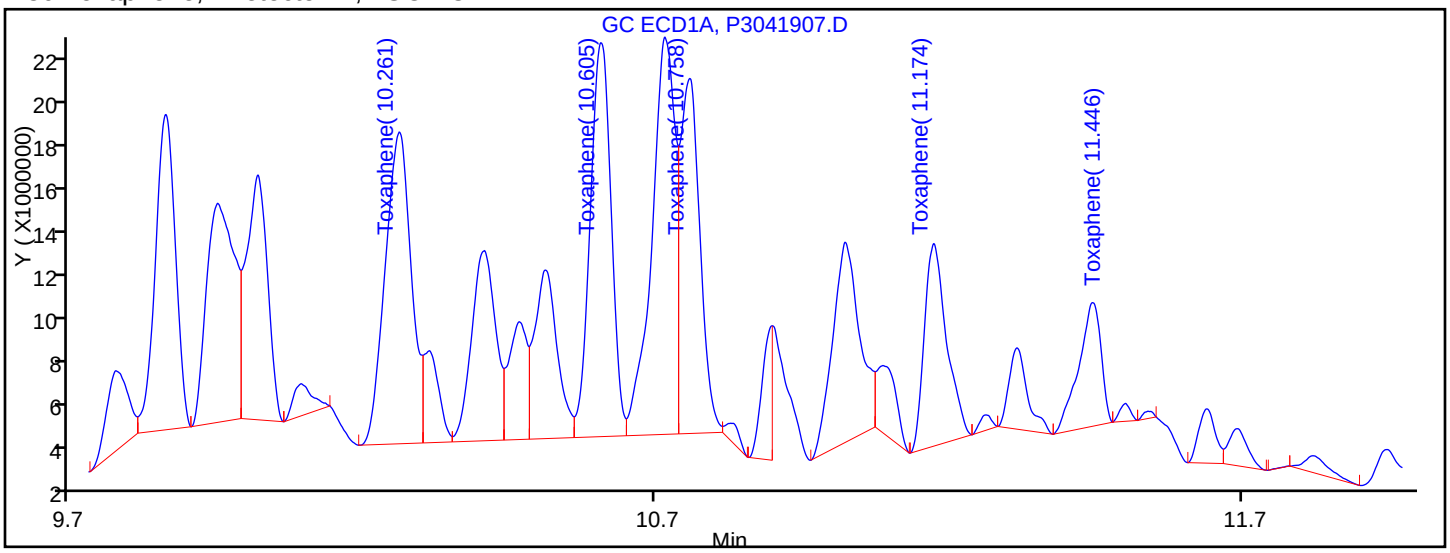
Report Date: 20-Apr-2013 07:39:34 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041907.D

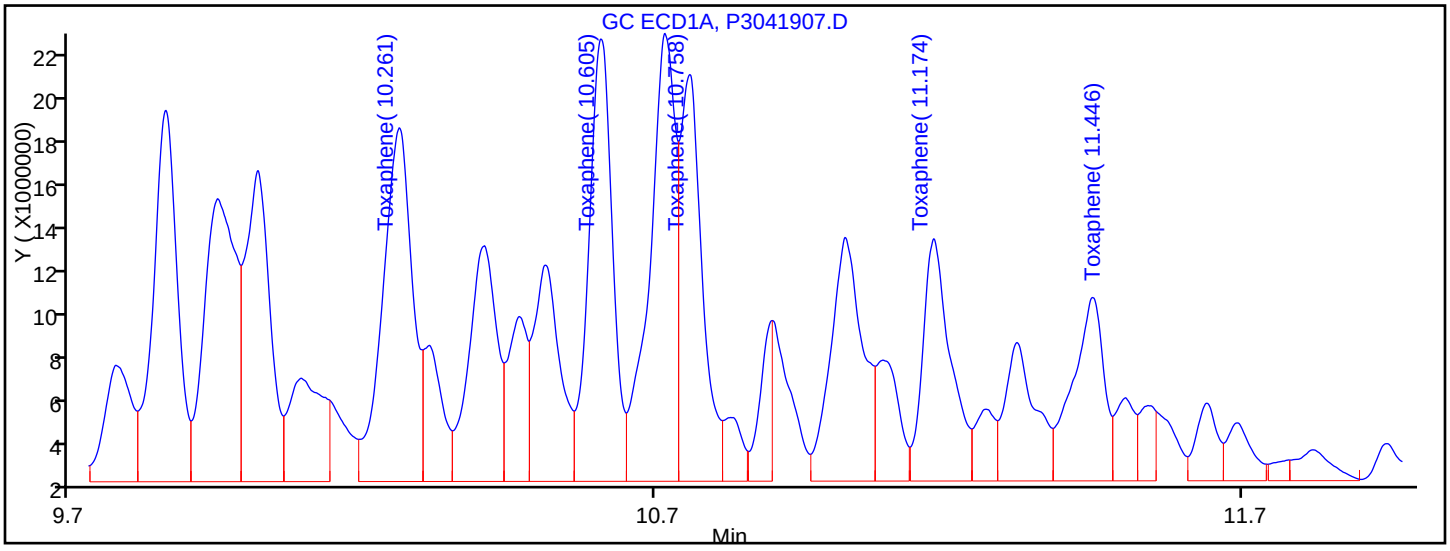
Injection Date:	19-Apr-2013 12:26:00	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82685	Lims Sample ID:	7
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 1, GC ECD1A



Processing Integration Results

RT = 10.261	Response = 42448394	M
RT = 10.605	Response = 43350914	M
RT = 10.758	Response = 35733977	M
RT = 11.174	Response = 23496071	M
RT = 11.446	Response = 14390934	M



Manual Integration Results

RT = 10.261	Response = 55041979	M
RT = 10.605	Response = 55253781	M
RT = 10.758	Response = 46427649	M
RT = 11.174	Response = 35407081	M
RT = 11.446	Response = 30093343	M

Reviewer: shockr, 19-Apr-2013 13:09:14

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82685/7 Calibration Date: 04/19/2013 12:26

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 16:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/14/2013 18:00

Lab File ID: P3041907.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	16883134	18694020		1.11	1.00	10.7	20.0
Toxaphene Peak 2	Ave	21534081	25336076		1.18	1.00	17.7	20.0
Toxaphene Peak 3	Ave	26029451	30643672		1.18	1.00	17.7	20.0
Toxaphene Peak 4	Ave	30315481	35963611		1.19	1.00	18.6	20.0
Toxaphene Peak 5	Ave	12222975	14727358		1.20	1.00	20.5*	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82685/7 Calibration Date: 04/19/2013 12:26

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 16:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/14/2013 18:00

Lab File ID: P3041907.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	10.36	10.33	10.39
Toxaphene Peak 2	10.95	10.92	10.98
Toxaphene Peak 3	11.37	11.34	11.40
Toxaphene Peak 4	12.12	12.09	12.15
Toxaphene Peak 5	12.68	12.65	12.71

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041907.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 19-Apr-2013 12:26:00 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0019054-007
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 82685 Lims Sample ID: 7
Sublist: chrom-PEST3*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130419-19054.b\PEST3.m
Last Update: 20-Apr-2013 07:39:32 Calib Date: 16-Apr-2013 14:58:16
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK028

First Level Reviewer: shockr Date: 19-Apr-2013 13:09:14

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	1	10.261	10.261	0.000	55041979	1.12		100.0	M
1	2	10.605	10.605	0.000	55253781	1.11	81.1- 121.1	100.4	M
1	3	10.758	10.758	0.000	46427649	1.13	65.0- 105.0	84.3	M
1	4	11.174	11.174	0.000	35407081	1.14	43.1- 83.1	64.3	M
1	5	11.446	11.446	0.000	30093343	1.15	32.5- 72.5	54.7	M
			Average of Peak Amounts =			1.13			
2	100	10.363	10.363	0.000	18694020	1.11		100.0	M
2	2	10.953	10.953	0.000	25336076	1.18	108.3- 148.3	135.5	M
2	3	11.373	11.373	0.000	30643672	1.18	134.7- 174.7	163.9	M
2	4	12.117	12.117	0.000	35963611	1.19	157.2- 197.2	192.4	M
2	5	12.677	12.677	0.000	14727358	1.20	51.7- 91.7	78.8	M
			Average of Peak Amounts =			1.17			
						RPD = 3.48			

QC Flag Legend

Review Flags
M - Manually Integrated

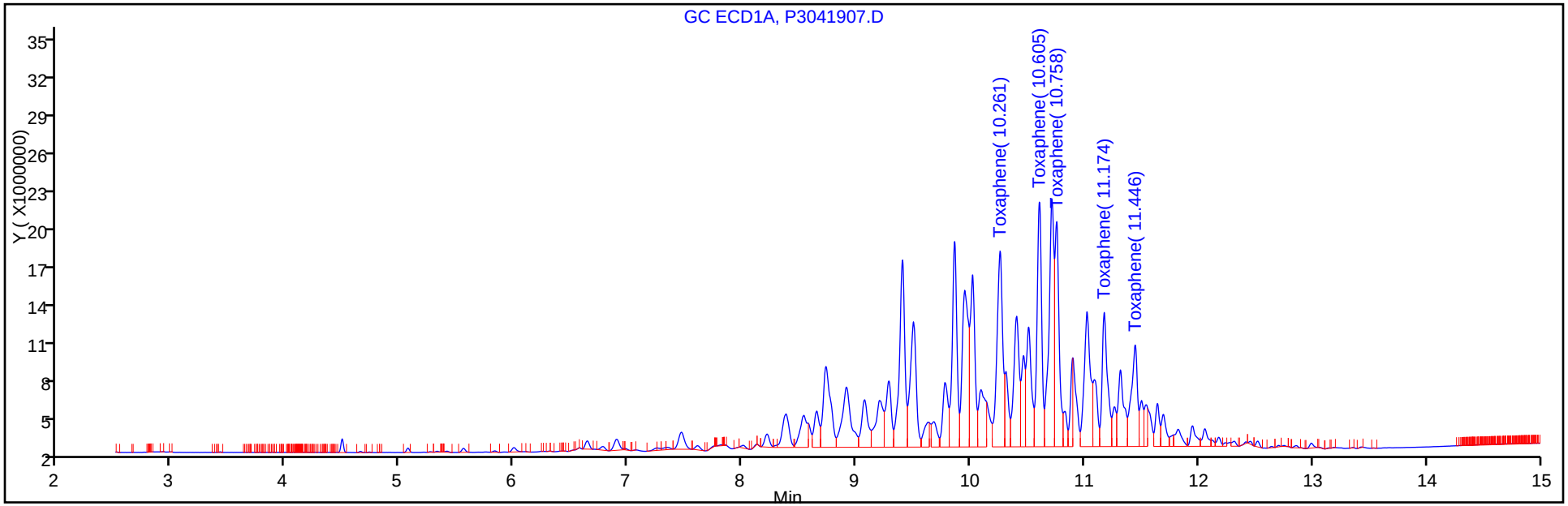
Report Date: 20-Apr-2013 07:39:34 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

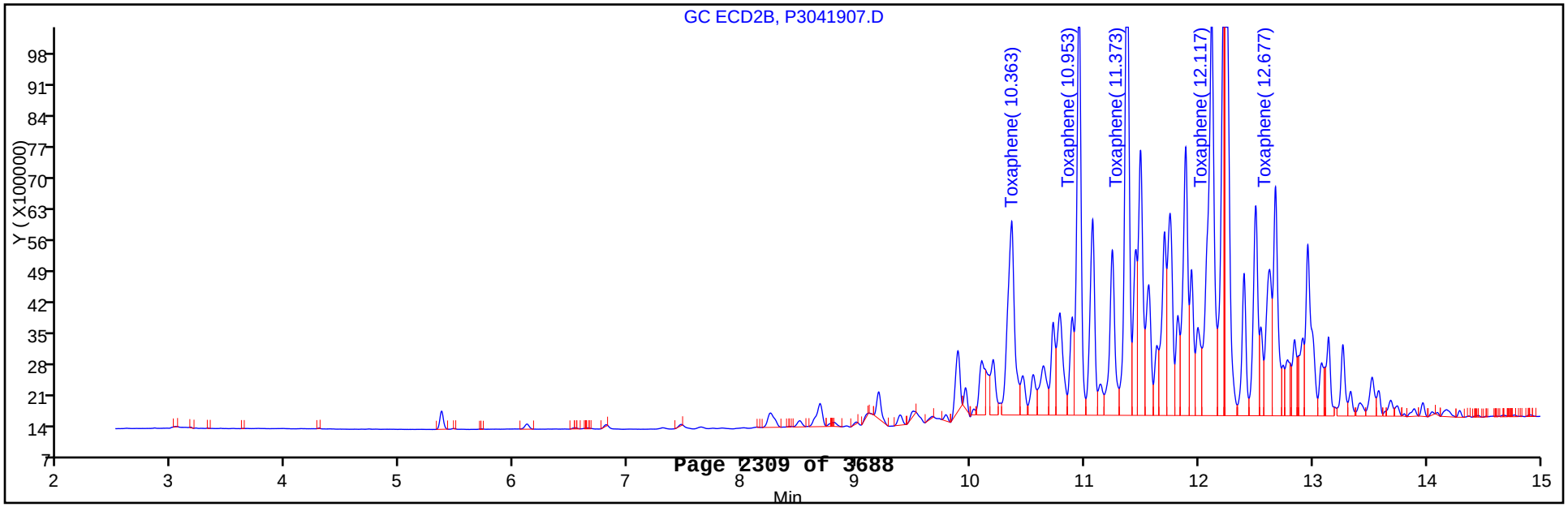
Data File: \\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041907.D

Injection Date:	19-Apr-2013 12:26:00	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82685	Lims Sample ID:	7
Operator ID:	402582	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



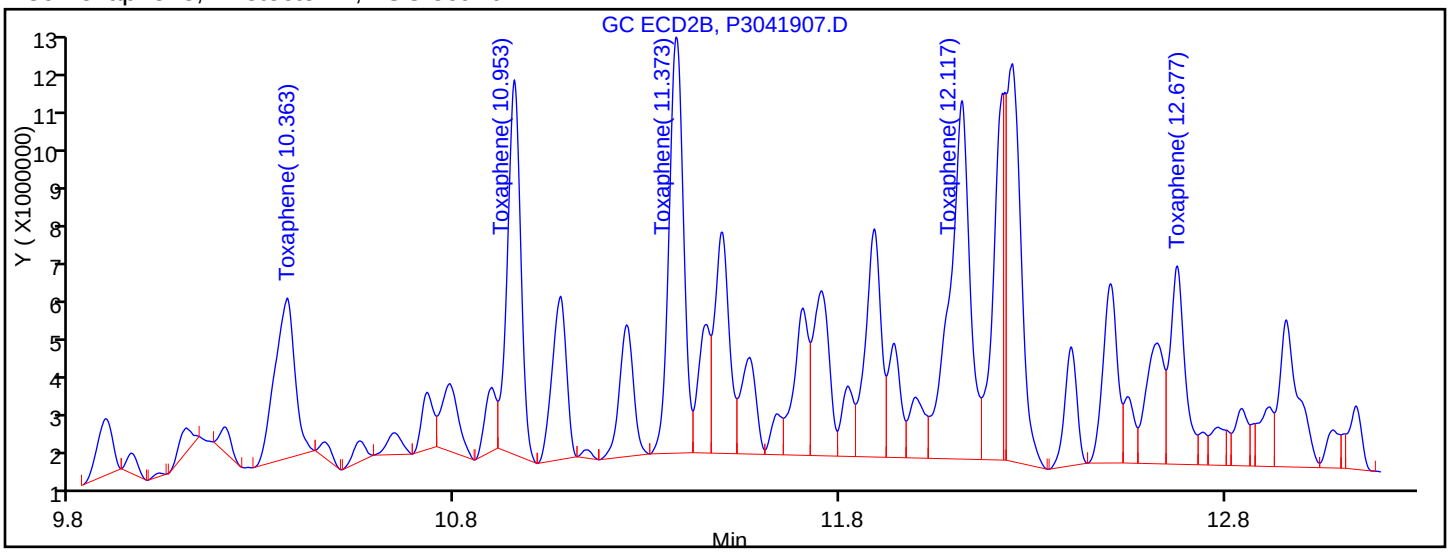
Report Date: 20-Apr-2013 07:39:34 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041907.D

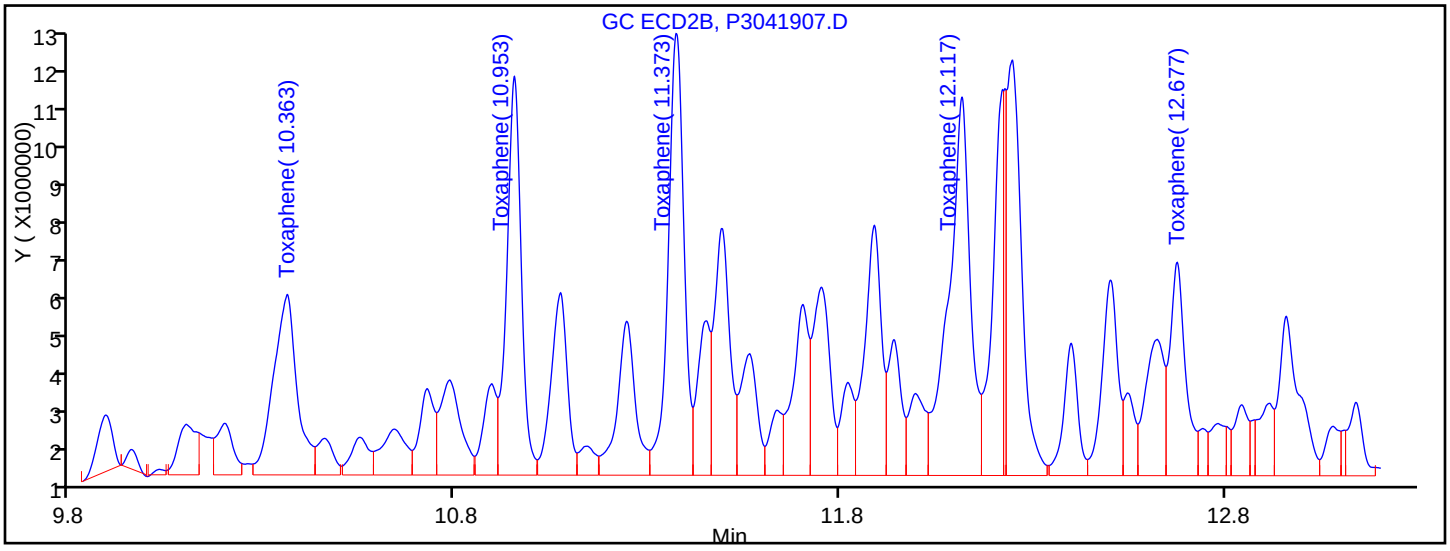
Injection Date:	19-Apr-2013 12:26:00	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82685	Lims Sample ID:	7
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 2, GC ecd2b



Processing Integration Results

RT = 10.363	Response = 14126149	M
RT = 10.953	Response = 21936244	M
RT = 11.373	Response = 26458938	M
RT = 12.117	Response = 31904500	M
RT = 12.677	Response = 12916420	M



Manual Integration Results

RT = 10.363	Response = 18694020	M
RT = 10.953	Response = 25336076	M
RT = 11.373	Response = 30643672	M
RT = 12.117	Response = 35963611	M
RT = 12.677	Response = 14727358	M

Reviewer: shockr, 19-Apr-2013 13:09:14

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82685/16 Calibration Date: 04/19/2013 15:57

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 16:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/14/2013 18:00

Lab File ID: P3041916.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	48953063	40105354		0.819	1.00	-18.1	20.0
Toxaphene Peak 2	Ave	49795684	39634107		0.796	1.00	-20.4*	20.0
Toxaphene Peak 3	Ave	41014572	27386149		0.668	1.00	-33.2*	20.0
Toxaphene Peak 4	Ave	31176774	23333240		0.748	1.00	-25.2*	20.0
Toxaphene Peak 5	Ave	26157631	15401535		0.589	1.00	-41.1*	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82685/16 Calibration Date: 04/19/2013 15:57

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 16:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/14/2013 18:00

Lab File ID: P3041916.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	10.26	10.23	10.29
Toxaphene Peak 2	10.61	10.58	10.64
Toxaphene Peak 3	10.76	10.73	10.79
Toxaphene Peak 4	11.18	11.15	11.21
Toxaphene Peak 5	11.46	11.43	11.49

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041916.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 19-Apr-2013 15:57:43 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0019054-016
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 16
Lims Batch ID: 82685 Lims Sample ID: 16
Sublist: chrom-PEST3*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130419-19054.b\PEST3.m
Last Update: 20-Apr-2013 07:39:41 Calib Date: 16-Apr-2013 14:58:16
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK028

First Level Reviewer: shockr Date: 19-Apr-2013 16:54:23

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	1	10.263	10.263	0.000	40105354	0.8193		100.0	M
1	2	10.612	10.612	0.000	39634107	0.7959	81.1- 121.1	98.8	M
1	3	10.761	10.761	0.000	27386149	0.6677	65.0- 105.0	68.3	M
1	4	11.182	11.182	0.000	23333240	0.7484	43.1- 83.1	58.2	M
1	5	11.457	11.457	0.000	15401535	0.5888	32.5- 72.5	38.4	M
			Average of Peak Amounts =			0.7240			
2	100	10.335	10.335	0.000	17941793	1.06		100.0	M
2	2	10.928	10.928	0.000	22185851	1.03	108.3- 148.3	123.7	M
2	3	11.349	11.349	0.000	25750264	0.9893	134.7- 174.7	143.5	M
2	4	12.090	12.090	0.000	26155111	0.8628	157.2- 197.2	145.8	M
2	5	12.649	12.649	0.000	10340469	0.8460	51.7- 91.7	57.6	M
			Average of Peak Amounts =			0.9582			
						RPD = 27.84			

QC Flag Legend

Review Flags
M - Manually Integrated

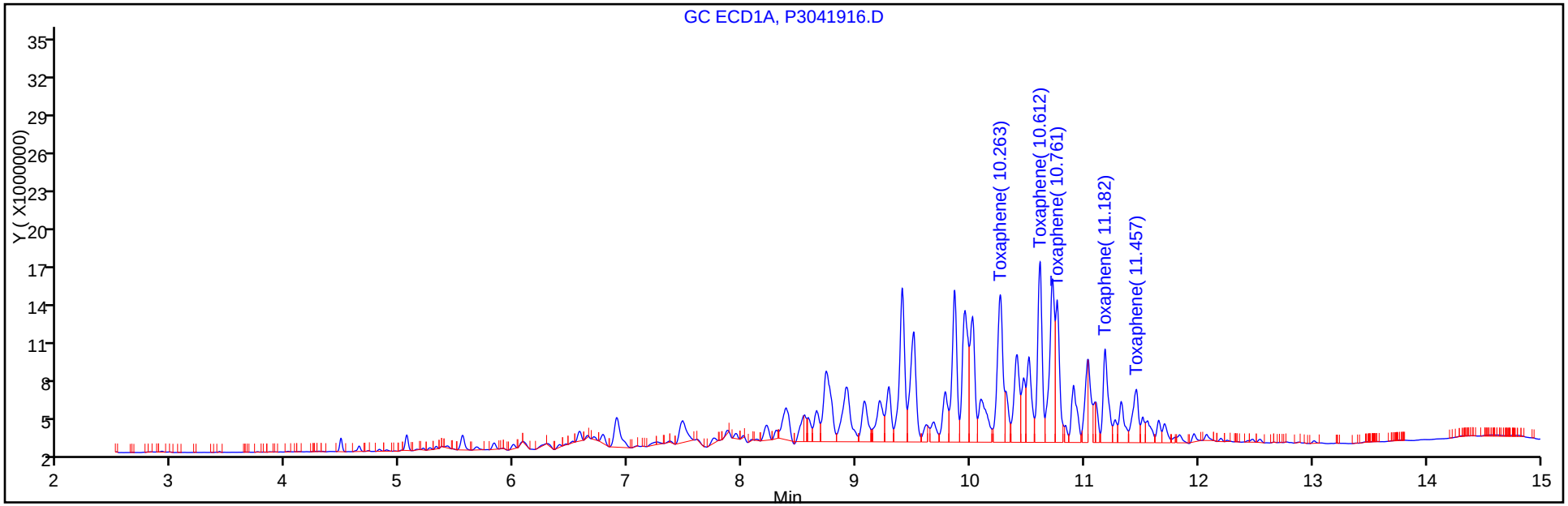
Report Date: 20-Apr-2013 07:39:42 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

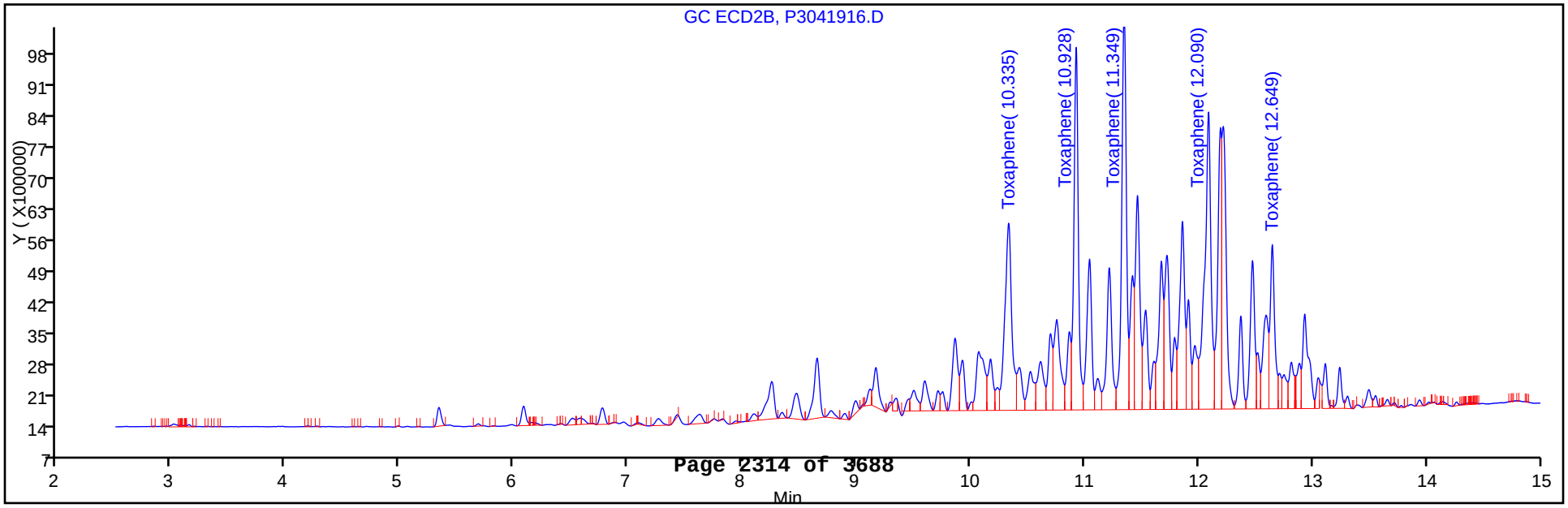
Data File: \\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041916.D

Injection Date:	19-Apr-2013 15:57:43	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82685	Lims Sample ID:	16
Operator ID:	402582	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



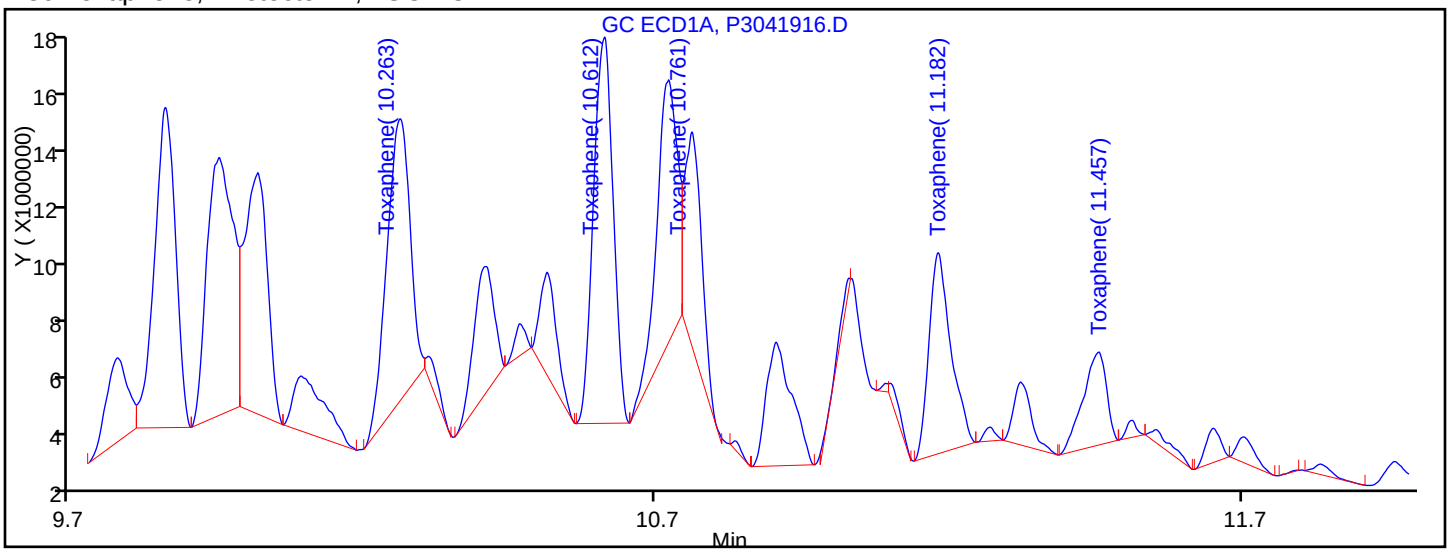
Report Date: 20-Apr-2013 07:39:42 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041916.D

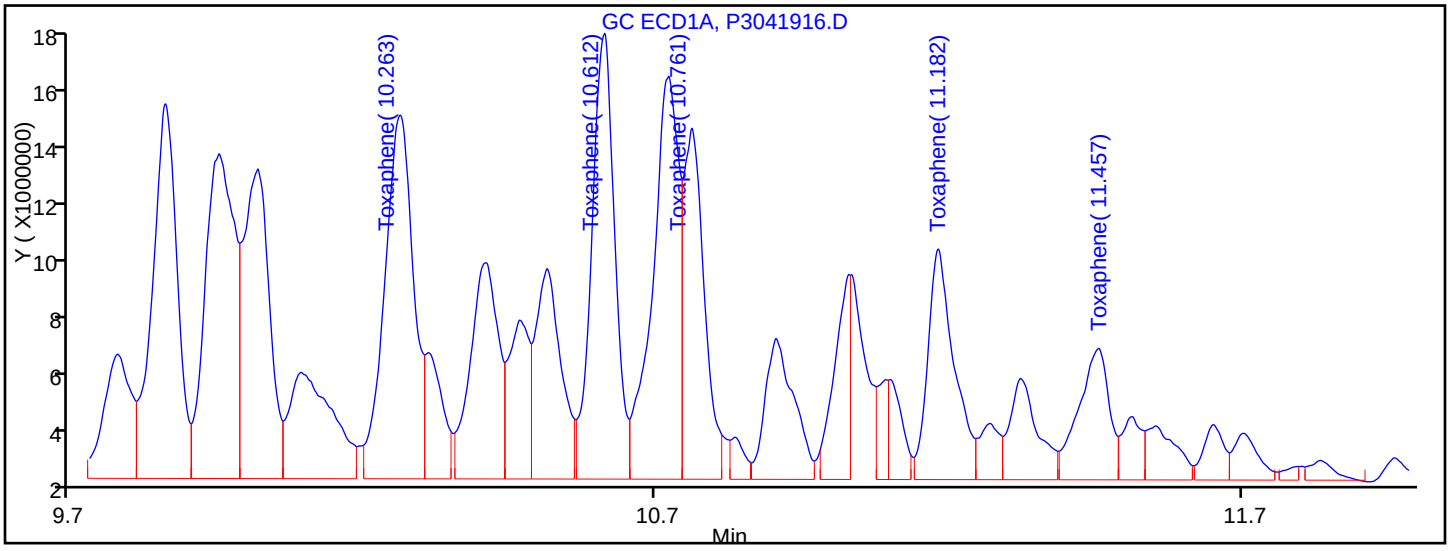
Injection Date:	19-Apr-2013 15:57:43	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82685	Lims Sample ID:	16
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 1, GC ECD1A



Processing Integration Results

RT = 10.263	Response = 25245138	M
RT = 10.612	Response = 29188313	M
RT = 10.761	Response = 13809253	M
RT = 11.182	Response = 16900146	M
RT = 11.457	Response = 8388687	M



Manual Integration Results

RT = 10.263	Response = 40105354	M
RT = 10.612	Response = 39634107	M
RT = 10.761	Response = 27386149	M
RT = 11.182	Response = 23333240	M
RT = 11.457	Response = 15401535	M

Reviewer: shockr, 19-Apr-2013 16:54:23

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82685/16 Calibration Date: 04/19/2013 15:57

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 16:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/14/2013 18:00

Lab File ID: P3041916.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	16883134	17941793		1.06	1.00	6.3	20.0
Toxaphene Peak 2	Ave	21534081	22185851		1.03	1.00	3.0	20.0
Toxaphene Peak 3	Ave	26029451	25750264		0.989	1.00	-1.1	20.0
Toxaphene Peak 4	Ave	30315481	26155111		0.863	1.00	-13.7	20.0
Toxaphene Peak 5	Ave	12222975	10340469		0.846	1.00	-15.4	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82685/16 Calibration Date: 04/19/2013 15:57

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 16:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/14/2013 18:00

Lab File ID: P3041916.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	10.34	10.31	10.37
Toxaphene Peak 2	10.93	10.90	10.96
Toxaphene Peak 3	11.35	11.32	11.38
Toxaphene Peak 4	12.09	12.06	12.12
Toxaphene Peak 5	12.65	12.62	12.68

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041916.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 19-Apr-2013 15:57:43 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0019054-016
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 16
Lims Batch ID: 82685 Lims Sample ID: 16
Sublist: chrom-PEST3*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130419-19054.b\PEST3.m
Last Update: 20-Apr-2013 07:39:41 Calib Date: 16-Apr-2013 14:58:16
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK028

First Level Reviewer: shockr Date: 19-Apr-2013 16:54:23

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	1	10.263	10.263	0.000	40105354	0.8193		100.0	M
1	2	10.612	10.612	0.000	39634107	0.7959	81.1- 121.1	98.8	M
1	3	10.761	10.761	0.000	27386149	0.6677	65.0- 105.0	68.3	M
1	4	11.182	11.182	0.000	23333240	0.7484	43.1- 83.1	58.2	M
1	5	11.457	11.457	0.000	15401535	0.5888	32.5- 72.5	38.4	M
			Average of Peak Amounts =			0.7240			
2	100	10.335	10.335	0.000	17941793	1.06		100.0	M
2	2	10.928	10.928	0.000	22185851	1.03	108.3- 148.3	123.7	M
2	3	11.349	11.349	0.000	25750264	0.9893	134.7- 174.7	143.5	M
2	4	12.090	12.090	0.000	26155111	0.8628	157.2- 197.2	145.8	M
2	5	12.649	12.649	0.000	10340469	0.8460	51.7- 91.7	57.6	M
			Average of Peak Amounts =			0.9582			
						RPD = 27.84			

QC Flag Legend

Review Flags
M - Manually Integrated

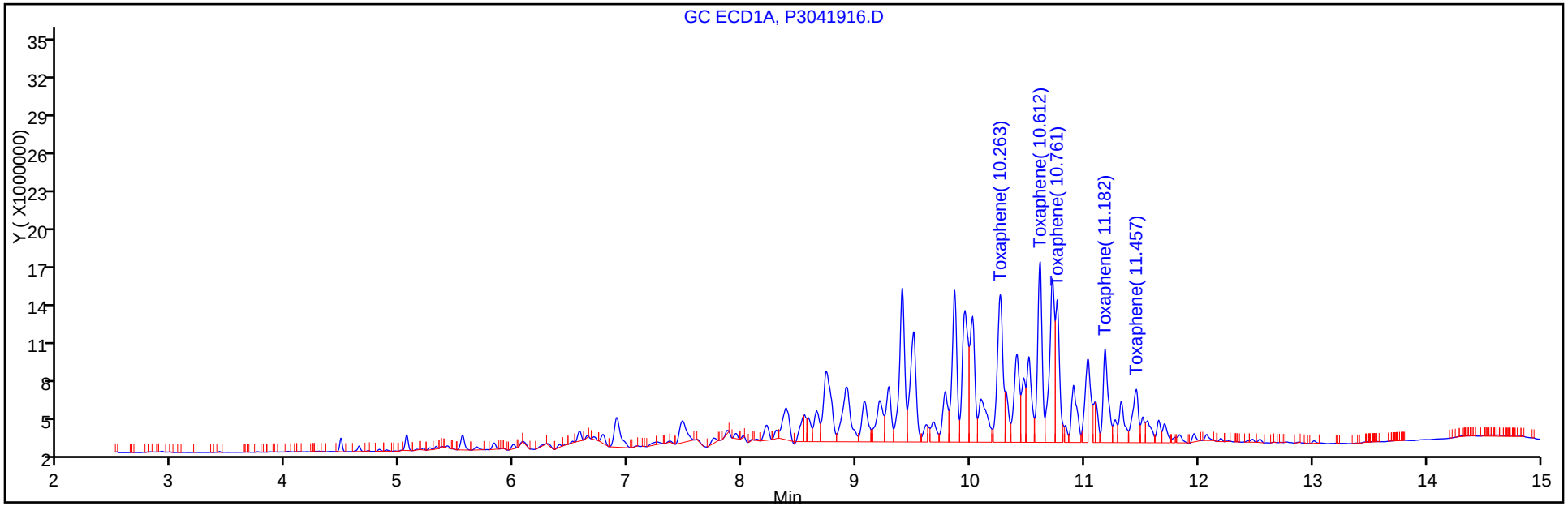
Report Date: 20-Apr-2013 07:39:42 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

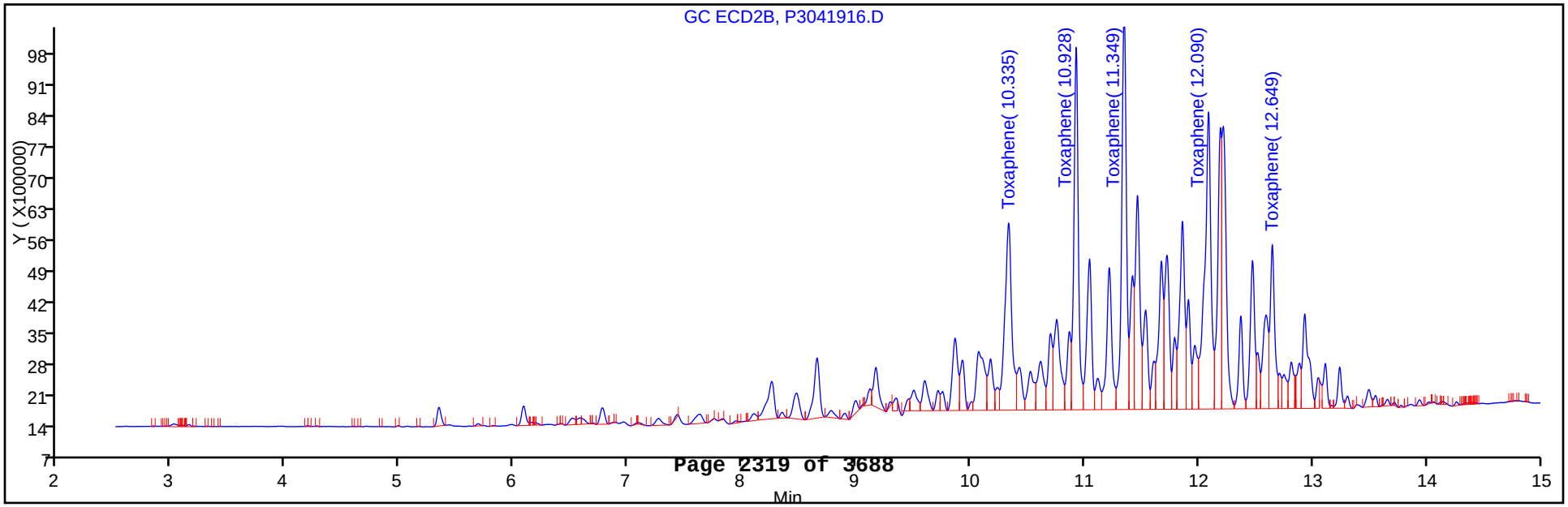
Data File: \\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041916.D

Injection Date:	19-Apr-2013 15:57:43	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82685	Lims Sample ID:	16
Operator ID:	402582	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



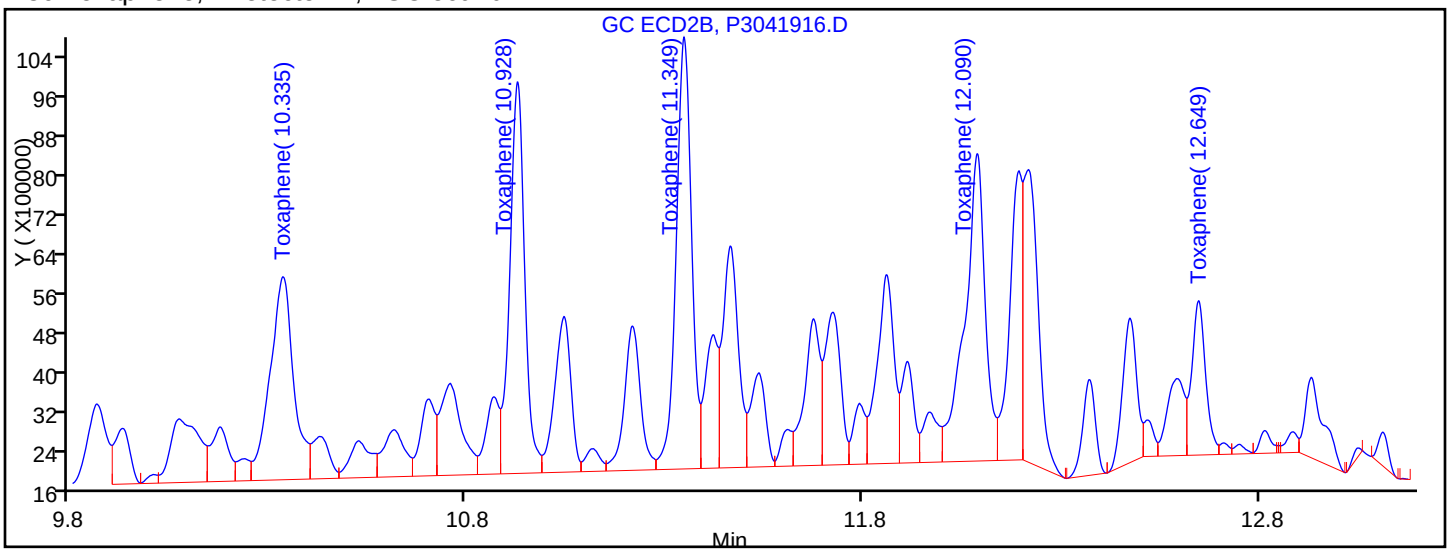
Report Date: 20-Apr-2013 07:39:43 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041916.D

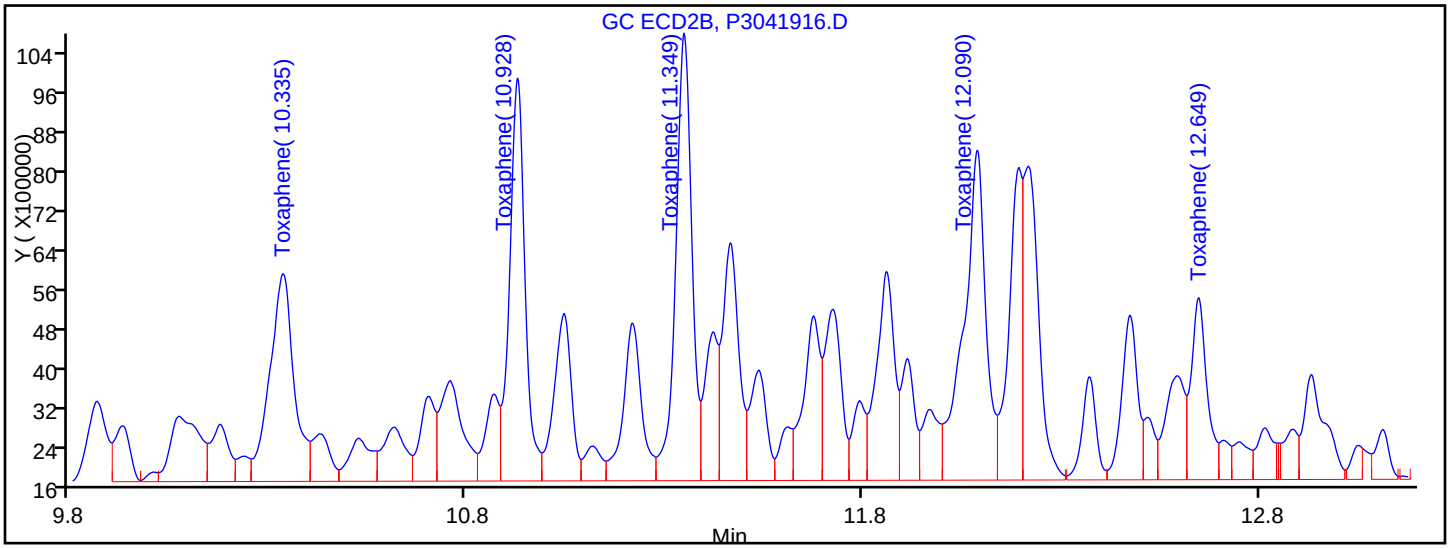
Injection Date:	19-Apr-2013 15:57:43	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82685	Lims Sample ID:	16
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 2, GC ecd2b



Processing Integration Results

RT = 10.335	Response = 17204152	M
RT = 10.928	Response = 20902904	M
RT = 11.349	Response = 23808368	M
RT = 12.090	Response = 22527340	M
RT = 12.649	Response = 7656280	M



Manual Integration Results

RT = 10.335	Response = 17941793	M
RT = 10.928	Response = 22185851	M
RT = 11.349	Response = 25750264	M
RT = 12.090	Response = 26155111	M
RT = 12.649	Response = 10340469	M

Reviewer: shockr, 19-Apr-2013 16:54:23

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82685/19 Calibration Date: 04/19/2013 16:58

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 14:20

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/14/2013 16:00

Lab File ID: P3041919.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1623707372	1708920880		0.0263	0.0250	5.2	20.0
gamma-BHC (Lindane)	Ave	1455203462	1538390480		0.0264	0.0250	5.7	20.0
beta-BHC	Ave	618486639	645633760		0.0261	0.0250	4.4	20.0
delta-BHC	Ave	1480196914	1593603680		0.0269	0.0250	7.7	20.0
Heptachlor	Ave	1288059053	1463943320		0.0284	0.0250	13.7	20.0
Aldrin	Ave	1359987606	1383983680		0.0254	0.0250	1.8	20.0
Heptachlor epoxide	Ave	1229987574	1305718280		0.0265	0.0250	6.2	20.0
gamma-Chlordane	Ave	1263492565	1318315800		0.0261	0.0250	4.3	20.0
alpha-Chlordane	Ave	1289702829	1349572480		0.0262	0.0250	4.6	20.0
Endosulfan I	Ave	1152636801	1233580600		0.0268	0.0250	7.0	20.0
4,4'-DDE	Ave	1266505227	1276667120		0.0252	0.0250	0.8	20.0
Dieldrin	Ave	1268423751	1322995120		0.0261	0.0250	4.3	20.0
Endrin	Ave	1189138903	1268125520		0.0267	0.0250	6.6	20.0
4,4'-DDD	Ave	970323691	1180256040		0.0304	0.0250	21.6*	20.0
Endosulfan II	Ave	1094573989	1152395360		0.0263	0.0250	5.3	20.0
4,4'-DDT	Ave	922210777	762120600		0.0207	0.0250	-17.4	20.0
Endrin aldehyde	Ave	880698493	937180400		0.0266	0.0250	6.4	20.0
Methoxychlor	Ave	461419504	450714640		0.0244	0.0250	-2.3	20.0
Endosulfan sulfate	Ave	981061458	1038852000		0.0265	0.0250	5.9	20.0
Endrin ketone	Ave	1144648217	1178308760		0.0257	0.0250	2.9	20.0
Tetrachloro-m-xylene	Ave	1100163513	1055328480		0.0240	0.0250	-4.1	20.0
DCB Decachlorobiphenyl	Ave	960238458	968051200		0.0252	0.0250	0.8	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82685/19 Calibration Date: 04/19/2013 16:58

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 14:20

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/14/2013 16:00

Lab File ID: P3041919.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.17	4.14	4.20
gamma-BHC (Lindane)	4.55	4.52	4.58
beta-BHC	4.69	4.66	4.72
delta-BHC	4.90	4.87	4.93
Heptachlor	5.19	5.16	5.22
Aldrin	5.64	5.61	5.67
Heptachlor epoxide	6.88	6.85	6.91
gamma-Chlordane	7.18	7.15	7.21
alpha-Chlordane	7.53	7.50	7.56
Endosulfan I	7.80	7.77	7.83
4,4'-DDE	7.91	7.88	7.94
Dieldrin	8.36	8.33	8.39
Endrin	8.82	8.79	8.85
4,4'-DDD	9.19	9.16	9.22
Endosulfan II	9.27	9.24	9.30
4,4'-DDT	9.71	9.68	9.74
Endrin aldehyde	10.08	10.05	10.11
Methoxychlor	10.67	10.64	10.70
Endosulfan sulfate	10.80	10.77	10.83
Endrin ketone	11.21	11.18	11.24
Tetrachloro-m-xylene	3.48	3.45	3.51
DCB Decachlorobiphenyl	12.85	12.82	12.88

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041919.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 19-Apr-2013 16:58:15 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0019054-019
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 19
Lims Batch ID: 82685 Lims Sample ID: 19
Sublist: chrom-PEST3*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130419-19054.b\PEST3.m
Last Update: 20-Apr-2013 07:39:45 Calib Date: 16-Apr-2013 14:58:16
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK028

First Level Reviewer: shockr Date: 20-Apr-2013 07:08:46

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.481	3.481	0.000	26383212	0.0240			
2	100	4.076	4.076	0.000	13839253	0.0229			
						RPD = 4.55			
5 alpha-BHC									
1	100	4.172	4.172	0.000	42723022	0.0263			
2	100	4.926	4.926	0.000	22036155	0.0286			
						RPD = 8.41			
20 gamma-BHC (Lindane)									
1	100	4.552	4.552	0.000	38459762	0.0264			
2	100	5.506	5.506	0.000	19687632	0.0291			
						RPD = 9.54			
7 beta-BHC									
1	100	4.686	4.686	0.000	16140844	0.0261			
2	100	5.691	5.691	0.000	8594392	0.0291			
						RPD = 10.76			
11 delta-BHC									
1	100	4.902	4.902	0.000	39840092	0.0269			
2	100	6.271	6.271	0.000	20654788	0.0297			
						RPD = 9.81			
22 Heptachlor									
1	100	5.187	5.187	0.000	36598583	0.0284			
2	100	6.335	6.335	0.000	17316684	0.0297			
						RPD = 4.44			
4 Aldrin									
1	100	5.641	5.641	0.000	34599592	0.0254			
2	100	7.080	7.080	0.000	17963020	0.0270			
						RPD = 5.83			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.876	6.876	0.000	32642957	0.0265			
2	100	8.580	8.580	0.000	16548259	0.0285			
						RPD = 7.01			
21 gamma-Chlordane									
1	100	7.181	7.181	0.000	32957895	0.0261			
2	100	8.986	8.986	0.000	16561336	0.0282			
						RPD = 7.91			
6 alpha-Chlordane									
1	100	7.531	7.531	0.000	33739312	0.0262			
2	100	9.296	9.296	0.000	16783293	0.0275			
						RPD = 4.99			
14 Endosulfan I									
1	100	7.804	7.804	0.000	30839515	0.0268			
2	100	9.362	9.362	0.000	15335972	0.0289			
						RPD = 7.58			
2 4,4'-DDE									
1	100	7.906	7.906	0.000	31916678	0.0252			
2	100	9.742	9.742	0.000	15791943	0.0259			
						RPD = 2.72			
13 Dieldrin									
1	100	8.364	8.364	0.000	33074878	0.0261			
2	100	9.889	9.889	0.000	16365360	0.0275			
						RPD = 5.44			
17 Endrin									
1	100	8.821	8.821	0.000	31703138	0.0267			
2	100	10.412	10.412	0.000	15806043	0.0295			
						RPD = 10.11			
1 4,4'-DDD									
1	100	9.186	9.186	0.000	29506401	0.0304			
2	100	10.751	10.751	0.000	14511323	0.0339			
						RPD = 10.98			
15 Endosulfan II									
1	100	9.273	9.273	0.000	28809884	0.0263			
2	100	10.784	10.784	0.000	14143377	0.0291			
						RPD = 10.14			
3 4,4'-DDT									
1	100	9.711	9.711	0.000	19053015	0.0207			
2	100	11.232	11.232	0.000	8359023	0.0211			
						RPD = 2.26			
18 Endrin aldehyde									
1	100	10.075	10.075	0.000	23429510	0.0266			
2	100	11.350	11.350	0.000	11563942	0.0293			
						RPD = 9.55			
27 Methoxychlor									
1	100	10.672	10.672	0.000	11267866	0.0244			
2	100	12.314	12.314	0.000	4910250	0.0246			
						RPD = 0.78			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.804	10.804	0.000	25971300	0.0265			
2	100	11.766	11.766	0.000	12964239	0.0293			
						RPD = 10.19			
19 Endrin ketone									
1	100	11.206	11.206	0.000	29457719	0.0257			
2	100	12.516	12.516	0.000	14178182	0.0283			
						RPD = 9.39			
$ 10 DCB Decachlorobiphenyl									
1	100	12.850	12.850	0.000	24201280	0.0252			
2	100	14.229	14.229	0.000	12549761	0.0261			
						RPD = 3.52			

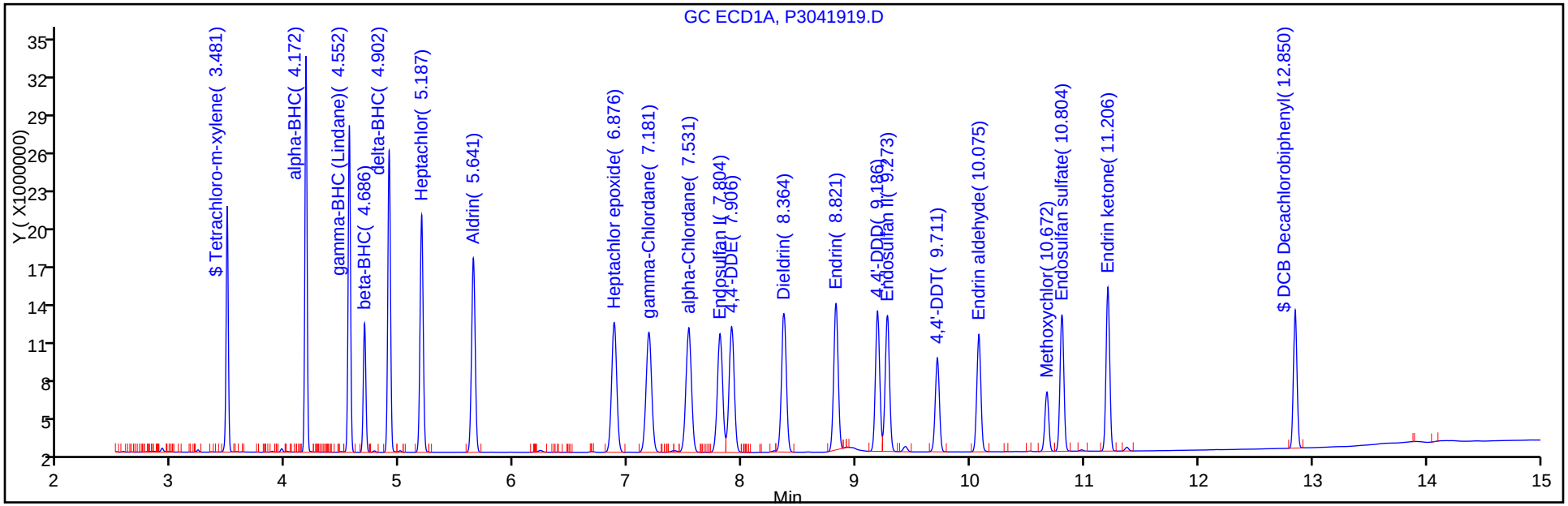
Report Date: 20-Apr-2013 07:39:45 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

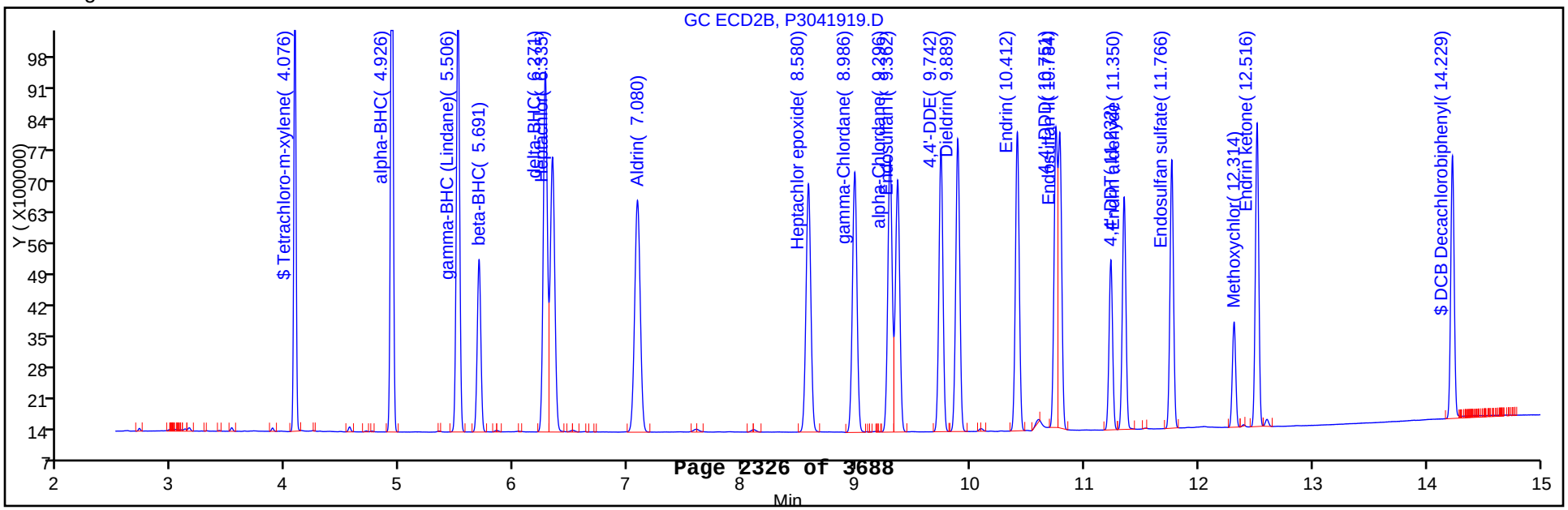
Data File: \\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041919.D

Injection Date:	19-Apr-2013 16:58:15	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82685	Lims Sample ID:	19
Operator ID:	402582	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
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82685/19 Calibration Date: 04/19/2013 16:58

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 14:20

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/14/2013 16:00

Lab File ID: P3041919.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	769922401	881446200		0.0286	0.0250	14.5	20.0
gamma-BHC (Lindane)	Ave	677058072	787505280		0.0291	0.0250	16.3	20.0
beta-BHC	Ave	295707343	343775680		0.0291	0.0250	16.3	20.0
delta-BHC	Ave	695621800	826191520		0.0297	0.0250	18.8	20.0
Heptachlor	Ave	582970513	692667360		0.0297	0.0250	18.8	20.0
Aldrin	Ave	666083583	718520800		0.0270	0.0250	7.9	20.0
Heptachlor epoxide	Ave	581320598	661930360		0.0285	0.0250	13.9	20.0
gamma-Chlordane	Ave	586604093	662453440		0.0282	0.0250	12.9	20.0
alpha-Chlordane	Ave	610326008	671331720		0.0275	0.0250	10.0	20.0
Endosulfan I	Ave	531325762	613438880		0.0289	0.0250	15.5	20.0
4,4'-DDE	Ave	609850598	631677720		0.0259	0.0250	3.6	20.0
Dieldrin	Ave	594383876	654614400		0.0275	0.0250	10.1	20.0
Endrin	Ave	535793583	632241720		0.0295	0.0250	18.0	20.0
4,4'-DDD	Ave	427546511	580452920		0.0339	0.0250	35.8*	20.0
Endosulfan II	Ave	485472127	565735080		0.0291	0.0250	16.5	20.0
4,4'-DDT	Ave	395546624	334360920		0.0211	0.0250	-15.5	20.0
Endrin aldehyde	Ave	395073591	462557680		0.0293	0.0250	17.1	20.0
Endosulfan sulfate	Ave	442236050	518569560		0.0293	0.0250	17.3	20.0
Methoxychlor	Ave	199518519	196410000		0.0246	0.0250	-1.6	20.0
Endrin ketone	Ave	501538938	567127280		0.0283	0.0250	13.1	20.0
Tetrachloro-m-xylene	Ave	603960426	553570120		0.0229	0.0250	-8.3	20.0
DCB Decachlorobiphenyl	Ave	480698861	501990440		0.0261	0.0250	4.4	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82685/19 Calibration Date: 04/19/2013 16:58

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 14:20

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/14/2013 16:00

Lab File ID: P3041919.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.93	4.90	4.96
gamma-BHC (Lindane)	5.51	5.48	5.54
beta-BHC	5.69	5.66	5.72
delta-BHC	6.27	6.24	6.30
Heptachlor	6.34	6.31	6.37
Aldrin	7.08	7.05	7.11
Heptachlor epoxide	8.58	8.55	8.61
gamma-Chlordane	8.99	8.96	9.02
alpha-Chlordane	9.30	9.27	9.33
Endosulfan I	9.36	9.33	9.39
4,4'-DDE	9.74	9.71	9.77
Dieldrin	9.89	9.86	9.92
Endrin	10.41	10.38	10.44
4,4'-DDD	10.75	10.72	10.78
Endosulfan II	10.78	10.75	10.81
4,4'-DDT	11.23	11.20	11.26
Endrin aldehyde	11.35	11.32	11.38
Endosulfan sulfate	11.77	11.74	11.80
Methoxychlor	12.31	12.28	12.34
Endrin ketone	12.52	12.49	12.55
Tetrachloro-m-xylene	4.08	4.05	4.11
DCB Decachlorobiphenyl	14.23	14.20	14.26

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041919.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 19-Apr-2013 16:58:15 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0019054-019
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 19
Lims Batch ID: 82685 Lims Sample ID: 19
Sublist: chrom-PEST3*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130419-19054.b\PEST3.m
Last Update: 20-Apr-2013 07:39:45 Calib Date: 16-Apr-2013 14:58:16
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK028

First Level Reviewer: shockr Date: 20-Apr-2013 07:08:46

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.481	3.481	0.000	26383212	0.0240			
2	100	4.076	4.076	0.000	13839253	0.0229			
						RPD = 4.55			
5 alpha-BHC									
1	100	4.172	4.172	0.000	42723022	0.0263			
2	100	4.926	4.926	0.000	22036155	0.0286			
						RPD = 8.41			
20 gamma-BHC (Lindane)									
1	100	4.552	4.552	0.000	38459762	0.0264			
2	100	5.506	5.506	0.000	19687632	0.0291			
						RPD = 9.54			
7 beta-BHC									
1	100	4.686	4.686	0.000	16140844	0.0261			
2	100	5.691	5.691	0.000	8594392	0.0291			
						RPD = 10.76			
11 delta-BHC									
1	100	4.902	4.902	0.000	39840092	0.0269			
2	100	6.271	6.271	0.000	20654788	0.0297			
						RPD = 9.81			
22 Heptachlor									
1	100	5.187	5.187	0.000	36598583	0.0284			
2	100	6.335	6.335	0.000	17316684	0.0297			
						RPD = 4.44			
4 Aldrin									
1	100	5.641	5.641	0.000	34599592	0.0254			
2	100	7.080	7.080	0.000	17963020	0.0270			
						RPD = 5.83			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.876	6.876	0.000	32642957	0.0265			
2	100	8.580	8.580	0.000	16548259	0.0285			
						RPD = 7.01			
21 gamma-Chlordane									
1	100	7.181	7.181	0.000	32957895	0.0261			
2	100	8.986	8.986	0.000	16561336	0.0282			
						RPD = 7.91			
6 alpha-Chlordane									
1	100	7.531	7.531	0.000	33739312	0.0262			
2	100	9.296	9.296	0.000	16783293	0.0275			
						RPD = 4.99			
14 Endosulfan I									
1	100	7.804	7.804	0.000	30839515	0.0268			
2	100	9.362	9.362	0.000	15335972	0.0289			
						RPD = 7.58			
2 4,4'-DDE									
1	100	7.906	7.906	0.000	31916678	0.0252			
2	100	9.742	9.742	0.000	15791943	0.0259			
						RPD = 2.72			
13 Dieldrin									
1	100	8.364	8.364	0.000	33074878	0.0261			
2	100	9.889	9.889	0.000	16365360	0.0275			
						RPD = 5.44			
17 Endrin									
1	100	8.821	8.821	0.000	31703138	0.0267			
2	100	10.412	10.412	0.000	15806043	0.0295			
						RPD = 10.11			
1 4,4'-DDD									
1	100	9.186	9.186	0.000	29506401	0.0304			
2	100	10.751	10.751	0.000	14511323	0.0339			
						RPD = 10.98			
15 Endosulfan II									
1	100	9.273	9.273	0.000	28809884	0.0263			
2	100	10.784	10.784	0.000	14143377	0.0291			
						RPD = 10.14			
3 4,4'-DDT									
1	100	9.711	9.711	0.000	19053015	0.0207			
2	100	11.232	11.232	0.000	8359023	0.0211			
						RPD = 2.26			
18 Endrin aldehyde									
1	100	10.075	10.075	0.000	23429510	0.0266			
2	100	11.350	11.350	0.000	11563942	0.0293			
						RPD = 9.55			
27 Methoxychlor									
1	100	10.672	10.672	0.000	11267866	0.0244			
2	100	12.314	12.314	0.000	4910250	0.0246			
						RPD = 0.78			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.804	10.804	0.000	25971300	0.0265			
2	100	11.766	11.766	0.000	12964239	0.0293			
						RPD = 10.19			
19 Endrin ketone									
1	100	11.206	11.206	0.000	29457719	0.0257			
2	100	12.516	12.516	0.000	14178182	0.0283			
						RPD = 9.39			
$ 10 DCB Decachlorobiphenyl									
1	100	12.850	12.850	0.000	24201280	0.0252			
2	100	14.229	14.229	0.000	12549761	0.0261			
						RPD = 3.52			

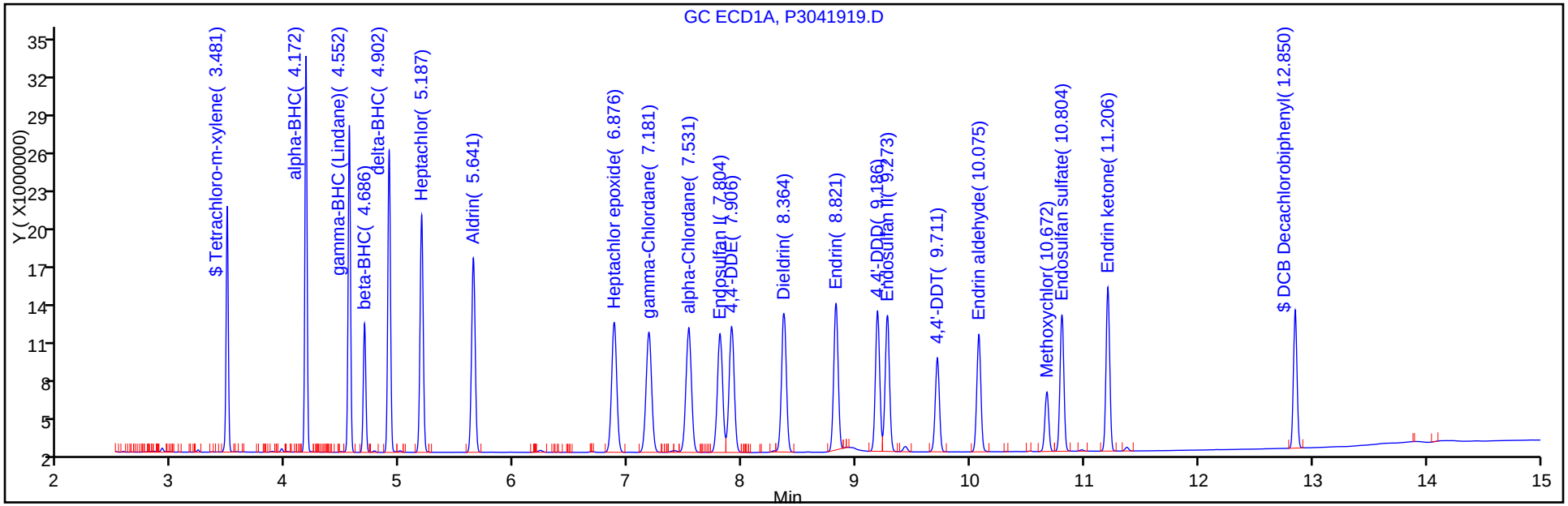
Report Date: 20-Apr-2013 07:39:45 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

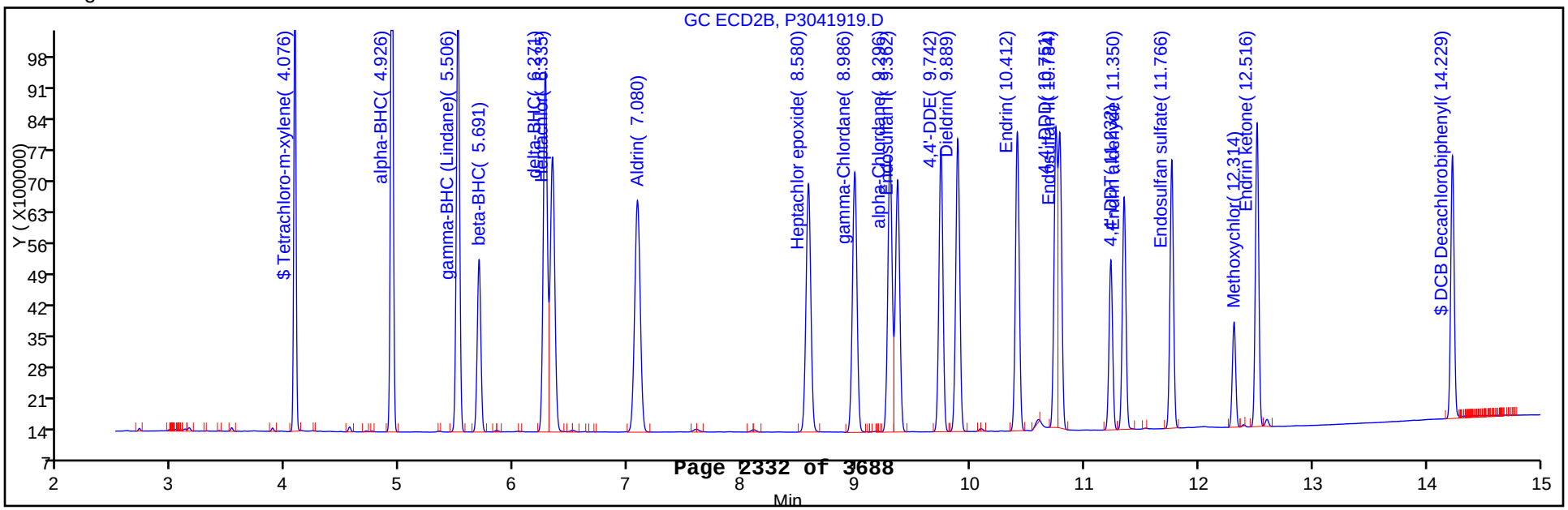
Data File: \\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041919.D

Injection Date:	19-Apr-2013 16:58:15	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82685	Lims Sample ID:	19
Operator ID:	402582	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
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82857/27 Calibration Date: 04/20/2013 21:45

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 14:20

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/14/2013 16:00

Lab File ID: P3042027.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1623707372	1624471360		0.0250	0.0250	0.0	20.0
gamma-BHC (Lindane)	Ave	1455203462	1363275200		0.0234	0.0250	-6.3	20.0
beta-BHC	Ave	618486639	593170600		0.0240	0.0250	-4.1	20.0
delta-BHC	Ave	1480196914	1448134720		0.0245	0.0250	-2.2	20.0
Heptachlor	Ave	1288059053	1042350360		0.0202	0.0250	-19.1	20.0
Aldrin	Ave	1359987606	1340776480		0.0246	0.0250	-1.4	20.0
Heptachlor epoxide	Ave	1229987574	1195665880		0.0243	0.0250	-2.8	20.0
gamma-Chlordane	Ave	1263492565	1217975960		0.0241	0.0250	-3.6	20.0
alpha-Chlordane	Ave	1289702829	1256223880		0.0244	0.0250	-2.6	20.0
Endosulfan I	Ave	1152636801	1085640080		0.0235	0.0250	-5.8	20.0
4,4'-DDE	Ave	1266505227	1212381640		0.0239	0.0250	-4.3	20.0
Dieldrin	Ave	1268423751	1217705320		0.0240	0.0250	-4.0	20.0
Endrin	Ave	1189138903	1065095760		0.0224	0.0250	-10.4	20.0
4,4'-DDD	Ave	970323691	1122996880		0.0289	0.0250	15.7	20.0
Endosulfan II	Ave	1094573989	993013400		0.0227	0.0250	-9.3	20.0
4,4'-DDT	Ave	922210777	376653120		0.0102	0.0250	-59.2*	20.0
Endrin aldehyde	Ave	880698493	726426520		0.0206	0.0250	-17.5	20.0
Methoxychlor	Ave	461419504	236187600		0.0128	0.0250	-48.8*	20.0
Endosulfan sulfate	Ave	981061458	900278680		0.0229	0.0250	-8.2	20.0
Endrin ketone	Ave	1144648217	868671480		0.0190	0.0250	-24.1*	20.0
Tetrachloro-m-xylene	Ave	1100163513	1040396280		0.0236	0.0250	-5.4	20.0
DCB Decachlorobiphenyl	Ave	960238458	907583160		0.0236	0.0250	-5.5	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82857/27 Calibration Date: 04/20/2013 21:45

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 14:20

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/14/2013 16:00

Lab File ID: P3042027.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.16	4.13	4.19
gamma-BHC (Lindane)	4.54	4.51	4.57
beta-BHC	4.67	4.64	4.70
delta-BHC	4.89	4.86	4.92
Heptachlor	5.17	5.14	5.20
Aldrin	5.62	5.59	5.65
Heptachlor epoxide	6.84	6.81	6.87
gamma-Chlordane	7.14	7.11	7.17
alpha-Chlordane	7.48	7.45	7.51
Endosulfan I	7.76	7.73	7.79
4,4'-DDE	7.86	7.83	7.89
Dieldrin	8.33	8.30	8.36
Endrin	8.78	8.75	8.81
4,4'-DDD	9.15	9.12	9.18
Endosulfan II	9.24	9.21	9.27
4,4'-DDT	9.68	9.65	9.71
Endrin aldehyde	10.04	10.01	10.07
Methoxychlor	10.64	10.61	10.67
Endosulfan sulfate	10.77	10.74	10.80
Endrin ketone	11.17	11.14	11.20
Tetrachloro-m-xylene	3.47	3.44	3.50
DCB Decachlorobiphenyl	12.79	12.76	12.82

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130420-19105.b\P3042027.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 20-Apr-2013 21:45:20 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0019105-027
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 27
Lims Batch ID: 82857 Lims Sample ID: 27
Sublist: chrom-PEST3*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130420-19105.b\PEST3.m
Last Update: 22-Apr-2013 10:31:14 Calib Date: 16-Apr-2013 14:58:16
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK028

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.474	3.474	0.000	26009907	0.0236			
2	100	4.069	4.069	0.000	13390111	0.0222			
						RPD = 6.42			
5 alpha-BHC									
1	100	4.164	4.164	0.000	40611784	0.0250			
2	100	4.923	4.923	0.000	20441329	0.0265			
						RPD = 5.97			
20 gamma-BHC (Lindane)									
1	100	4.540	4.540	0.000	34081880	0.0234			
2	100	5.505	5.505	0.000	17111089	0.0253			
						RPD = 7.61			
7 beta-BHC									
1	100	4.674	4.674	0.000	14829265	0.0240			
2	100	5.690	5.690	0.000	7679142	0.0260			
						RPD = 7.98			
11 delta-BHC									
1	100	4.887	4.887	0.000	36203368	0.0245			
2	100	6.273	6.273	0.000	18601147	0.0267			
						RPD = 8.91			
22 Heptachlor									
1	100	5.168	5.168	0.000	26058759	0.0202			
2	100	6.335	6.335	0.000	11963394	0.0205			
						RPD = 1.43			
4 Aldrin									
1	100	5.618	5.618	0.000	33519412	0.0246			
2	100	7.081	7.081	0.000	17107780	0.0257			
						RPD = 4.12			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.835	6.835	0.000	29891647	0.0243			
2	100	8.581	8.581	0.000	14970428	0.0258			
						RPD = 5.79			
21 gamma-Chlordane									
1	100	7.137	7.137	0.000	30449399	0.0241			
2	100	8.985	8.985	0.000	15090703	0.0257			
						RPD = 6.53			
6 alpha-Chlordane									
1	100	7.484	7.484	0.000	31405597	0.0244			
2	100	9.295	9.295	0.000	15213025	0.0249			
						RPD = 2.33			
14 Endosulfan I									
1	100	7.760	7.760	0.000	27141002	0.0235			
2	100	9.362	9.362	0.000	13154770	0.0248			
						RPD = 5.02			
2 4,4'-DDE									
1	100	7.860	7.860	0.000	30309541	0.0239			
2	100	9.741	9.741	0.000	14541068	0.0238			
						RPD = 0.37			
13 Dieldrin									
1	100	8.327	8.327	0.000	30442633	0.0240			
2	100	9.889	9.889	0.000	14541826	0.0245			
						RPD = 1.92			
17 Endrin									
1	100	8.782	8.782	0.000	26627394	0.0224			
2	100	10.411	10.411	0.000	12521435	0.0234			
						RPD = 4.27			
1 4,4'-DDD									
1	100	9.151	9.151	0.000	28074922	0.0289			
2	100	10.752	10.752	0.000	13848503	0.0324			
						RPD = 11.27			
15 Endosulfan II									
1	100	9.238	9.238	0.000	24825335	0.0227			
2	100	10.783	10.783	0.000	12700794	0.0262			
						RPD = 14.26			
3 4,4'-DDT									
1	100	9.676	9.676	0.000	9416328	0.0102			
2	100	11.234	11.234	0.000	4073391	0.0103			
						RPD = 0.85			
18 Endrin aldehyde									
1	100	10.043	10.043	0.000	18160663	0.0206			
2	100	11.351	11.351	0.000	8513911	0.0216			
						RPD = 4.41			
27 Methoxychlor									
1	100	10.639	10.639	0.000	5904690	0.0128			
2	100	12.319	12.319	0.000	2417555	0.0121			
						RPD = 5.46			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.771	10.771	0.000	22506967	0.0229			
2	100	11.769	11.769	0.000	10991091	0.0249			
						RPD = 8.00			
19 Endrin ketone									
1	100	11.173	11.173	0.000	21716787	0.0190			
2	100	12.521	12.521	0.000	10594774	0.0211			
						RPD = 10.73			
$ 10 DCB Decachlorobiphenyl									
1	100	12.794	12.794	0.000	22689579	0.0236			
2	100	14.242	14.242	0.000	12493078	0.0260			
						RPD = 9.51			

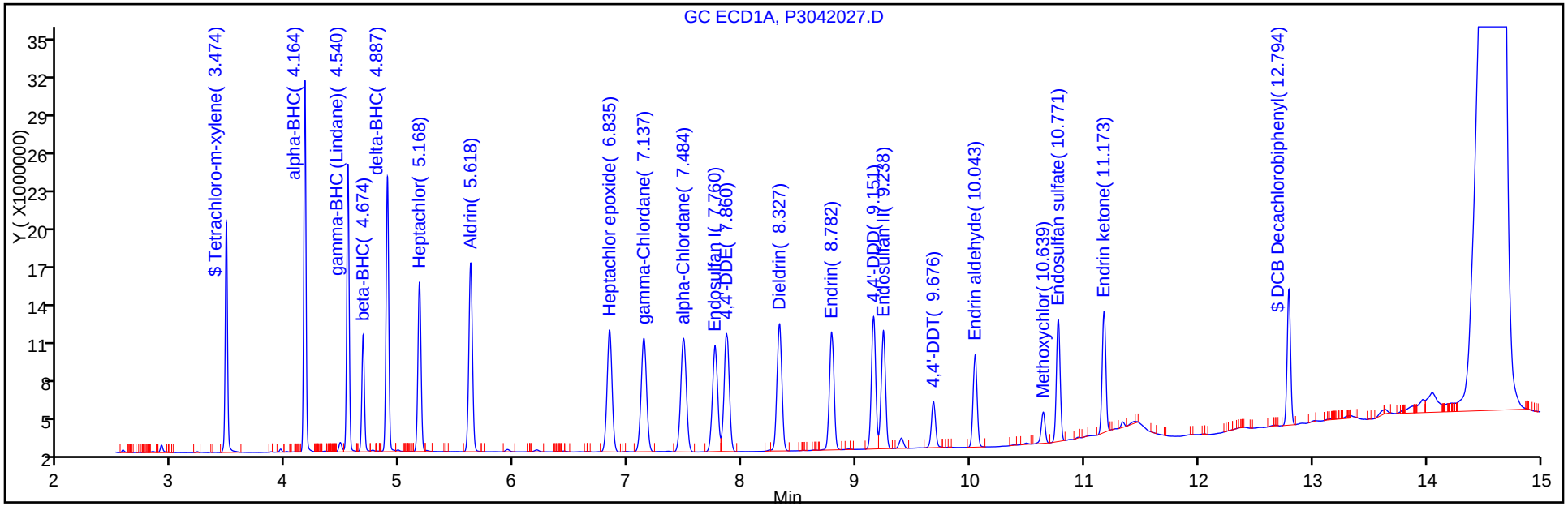
Report Date: 22-Apr-2013 10:31:15 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

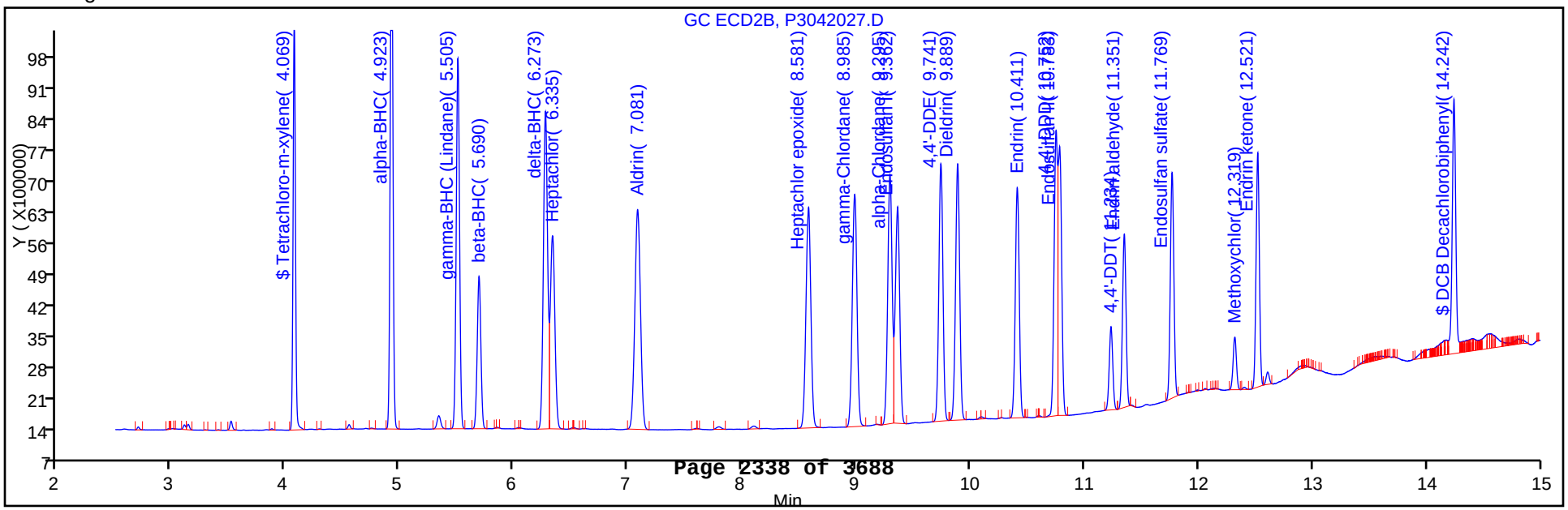
Data File: \\NCChrom\ChromData\A2HP3\20130420-19105.b\P3042027.D

Injection Date:	20-Apr-2013 21:45:20	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82857	Lims Sample ID:	27
Operator ID:	402582	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
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82857/27 Calibration Date: 04/20/2013 21:45

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 14:20

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/14/2013 16:00

Lab File ID: P3042027.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	769922401	817653160		0.0265	0.0250	6.2	20.0
gamma-BHC (Lindane)	Ave	677058072	684443560		0.0253	0.0250	1.1	20.0
beta-BHC	Ave	295707343	307165680		0.0260	0.0250	3.9	20.0
delta-BHC	Ave	695621800	744045880		0.0267	0.0250	7.0	20.0
Heptachlor	Ave	582970513	478535760		0.0205	0.0250	-17.9	20.0
Aldrin	Ave	666083583	684311200		0.0257	0.0250	2.7	20.0
Heptachlor epoxide	Ave	581320598	598817120		0.0258	0.0250	3.0	20.0
gamma-Chlordane	Ave	586604093	603628120		0.0257	0.0250	2.9	20.0
alpha-Chlordane	Ave	610326008	608521000		0.0249	0.0250	-0.3	20.0
Endosulfan I	Ave	531325762	526190800		0.0248	0.0250	-1.0	20.0
4,4'-DDE	Ave	609850598	581642720		0.0238	0.0250	-4.6	20.0
Dieldrin	Ave	594383876	581673040		0.0245	0.0250	-2.1	20.0
Endrin	Ave	535793583	500857400		0.0234	0.0250	-6.5	20.0
4,4'-DDD	Ave	427546511	553940120		0.0324	0.0250	29.6*	20.0
Endosulfan II	Ave	485472127	508031760		0.0262	0.0250	4.6	20.0
4,4'-DDT	Ave	395546624	162935640		0.0103	0.0250	-58.8*	20.0
Endrin aldehyde	Ave	395073591	340556440		0.0216	0.0250	-13.8	20.0
Endosulfan sulfate	Ave	442236050	439643640		0.0249	0.0250	-0.6	20.0
Methoxychlor	Ave	199518519	96702200		0.0121	0.0250	-51.5*	20.0
Endrin ketone	Ave	501538938	423790960		0.0211	0.0250	-15.5	20.0
Tetrachloro-m-xylene	Ave	603960426	535604440		0.0222	0.0250	-11.3	20.0
DCB Decachlorobiphenyl	Ave	480698861	499723120		0.0260	0.0250	4.0	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82857/27 Calibration Date: 04/20/2013 21:45

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 14:20

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/14/2013 16:00

Lab File ID: P3042027.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.92	4.89	4.95
gamma-BHC (Lindane)	5.51	5.48	5.54
beta-BHC	5.69	5.66	5.72
delta-BHC	6.27	6.24	6.30
Heptachlor	6.34	6.31	6.37
Aldrin	7.08	7.05	7.11
Heptachlor epoxide	8.58	8.55	8.61
gamma-Chlordane	8.99	8.96	9.02
alpha-Chlordane	9.30	9.27	9.33
Endosulfan I	9.36	9.33	9.39
4,4'-DDE	9.74	9.71	9.77
Dieldrin	9.89	9.86	9.92
Endrin	10.41	10.38	10.44
4,4'-DDD	10.75	10.72	10.78
Endosulfan II	10.78	10.75	10.81
4,4'-DDT	11.23	11.20	11.26
Endrin aldehyde	11.35	11.32	11.38
Endosulfan sulfate	11.77	11.74	11.80
Methoxychlor	12.32	12.29	12.35
Endrin ketone	12.52	12.49	12.55
Tetrachloro-m-xylene	4.07	4.04	4.10
DCB Decachlorobiphenyl	14.24	14.21	14.27

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130420-19105.b\P3042027.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 20-Apr-2013 21:45:20 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0019105-027
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 27
Lims Batch ID: 82857 Lims Sample ID: 27
Sublist: chrom-PEST3*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130420-19105.b\PEST3.m
Last Update: 22-Apr-2013 10:31:14 Calib Date: 16-Apr-2013 14:58:16
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK028

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.474	3.474	0.000	26009907	0.0236			
2	100	4.069	4.069	0.000	13390111	0.0222			
						RPD = 6.42			
5 alpha-BHC									
1	100	4.164	4.164	0.000	40611784	0.0250			
2	100	4.923	4.923	0.000	20441329	0.0265			
						RPD = 5.97			
20 gamma-BHC (Lindane)									
1	100	4.540	4.540	0.000	34081880	0.0234			
2	100	5.505	5.505	0.000	17111089	0.0253			
						RPD = 7.61			
7 beta-BHC									
1	100	4.674	4.674	0.000	14829265	0.0240			
2	100	5.690	5.690	0.000	7679142	0.0260			
						RPD = 7.98			
11 delta-BHC									
1	100	4.887	4.887	0.000	36203368	0.0245			
2	100	6.273	6.273	0.000	18601147	0.0267			
						RPD = 8.91			
22 Heptachlor									
1	100	5.168	5.168	0.000	26058759	0.0202			
2	100	6.335	6.335	0.000	11963394	0.0205			
						RPD = 1.43			
4 Aldrin									
1	100	5.618	5.618	0.000	33519412	0.0246			
2	100	7.081	7.081	0.000	17107780	0.0257			
						RPD = 4.12			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.835	6.835	0.000	29891647	0.0243			
2	100	8.581	8.581	0.000	14970428	0.0258			
						RPD = 5.79			
21 gamma-Chlordane									
1	100	7.137	7.137	0.000	30449399	0.0241			
2	100	8.985	8.985	0.000	15090703	0.0257			
						RPD = 6.53			
6 alpha-Chlordane									
1	100	7.484	7.484	0.000	31405597	0.0244			
2	100	9.295	9.295	0.000	15213025	0.0249			
						RPD = 2.33			
14 Endosulfan I									
1	100	7.760	7.760	0.000	27141002	0.0235			
2	100	9.362	9.362	0.000	13154770	0.0248			
						RPD = 5.02			
2 4,4'-DDE									
1	100	7.860	7.860	0.000	30309541	0.0239			
2	100	9.741	9.741	0.000	14541068	0.0238			
						RPD = 0.37			
13 Dieldrin									
1	100	8.327	8.327	0.000	30442633	0.0240			
2	100	9.889	9.889	0.000	14541826	0.0245			
						RPD = 1.92			
17 Endrin									
1	100	8.782	8.782	0.000	26627394	0.0224			
2	100	10.411	10.411	0.000	12521435	0.0234			
						RPD = 4.27			
1 4,4'-DDD									
1	100	9.151	9.151	0.000	28074922	0.0289			
2	100	10.752	10.752	0.000	13848503	0.0324			
						RPD = 11.27			
15 Endosulfan II									
1	100	9.238	9.238	0.000	24825335	0.0227			
2	100	10.783	10.783	0.000	12700794	0.0262			
						RPD = 14.26			
3 4,4'-DDT									
1	100	9.676	9.676	0.000	9416328	0.0102			
2	100	11.234	11.234	0.000	4073391	0.0103			
						RPD = 0.85			
18 Endrin aldehyde									
1	100	10.043	10.043	0.000	18160663	0.0206			
2	100	11.351	11.351	0.000	8513911	0.0216			
						RPD = 4.41			
27 Methoxychlor									
1	100	10.639	10.639	0.000	5904690	0.0128			
2	100	12.319	12.319	0.000	2417555	0.0121			
						RPD = 5.46			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.771	10.771	0.000	22506967	0.0229			
2	100	11.769	11.769	0.000	10991091	0.0249			
						RPD = 8.00			
19 Endrin ketone									
1	100	11.173	11.173	0.000	21716787	0.0190			
2	100	12.521	12.521	0.000	10594774	0.0211			
						RPD = 10.73			
$ 10 DCB Decachlorobiphenyl									
1	100	12.794	12.794	0.000	22689579	0.0236			
2	100	14.242	14.242	0.000	12493078	0.0260			
						RPD = 9.51			

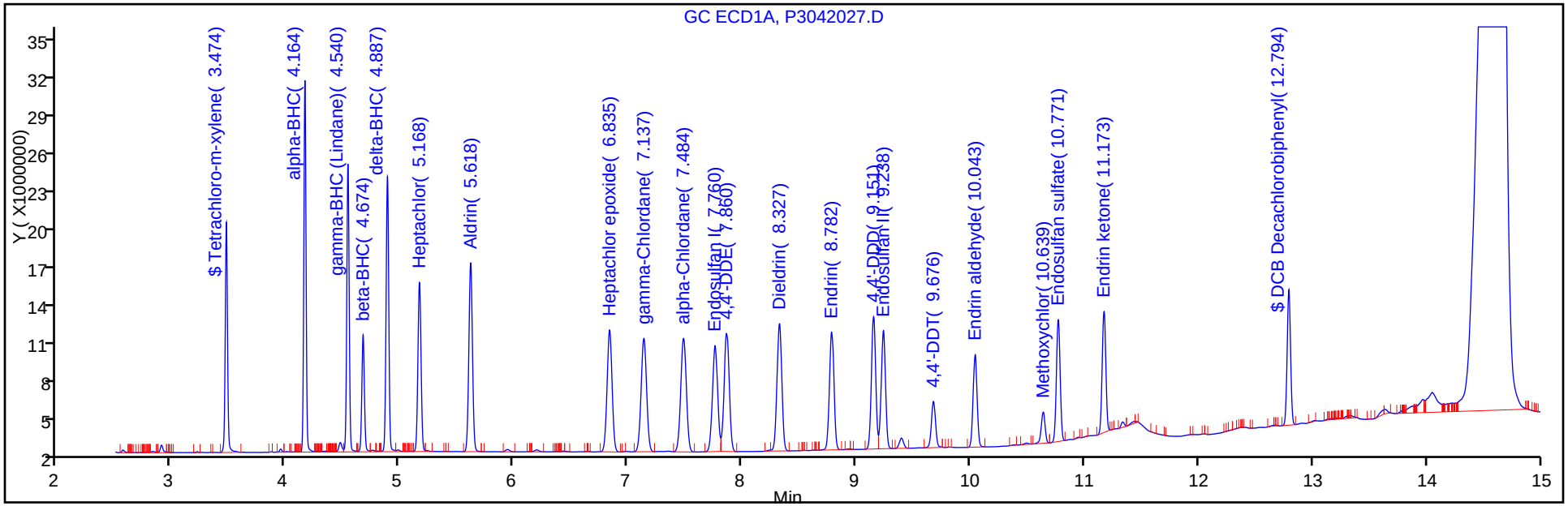
Report Date: 22-Apr-2013 10:31:15 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

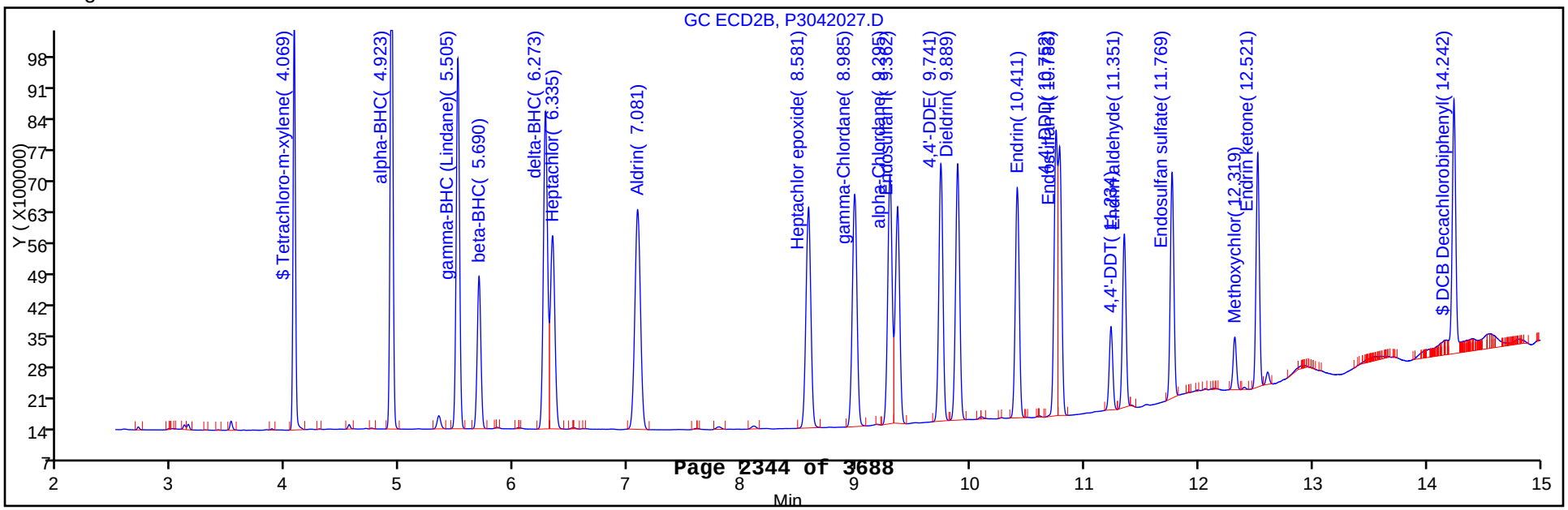
Data File: \\NCChrom\ChromData\A2HP3\20130420-19105.b\P3042027.D

Injection Date:	20-Apr-2013 21:45:20	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82857	Lims Sample ID:	27
Operator ID:	402582	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
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82857/36 Calibration Date: 04/21/2013 00:46

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 16:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/14/2013 18:00

Lab File ID: P3042036.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	48953063	30218556		0.617	1.00	-38.3*	20.0
Toxaphene Peak 2	Ave	49795684	27372334		0.550	1.00	-45.0*	20.0
Toxaphene Peak 3	Ave	41014572	14398200		0.351	1.00	-64.9*	20.0
Toxaphene Peak 4	Ave	31176774	15777795		0.506	1.00	-49.4*	20.0
Toxaphene Peak 5	Ave	26157631	3907564		0.149	1.00	-85.1*	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82857/36 Calibration Date: 04/21/2013 00:46

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 16:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/14/2013 18:00

Lab File ID: P3042036.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	10.23	10.20	10.26
Toxaphene Peak 2	10.57	10.54	10.60
Toxaphene Peak 3	10.72	10.69	10.75
Toxaphene Peak 4	11.14	11.11	11.17
Toxaphene Peak 5	11.41	11.38	11.44

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130420-19105.b\P3042036.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 21-Apr-2013 00:46:03 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0019105-036
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 36
Lims Batch ID: 82857 Lims Sample ID: 36
Sublist: chrom-PEST3*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130420-19105.b\PEST3.m
Last Update: 22-Apr-2013 10:31:21 Calib Date: 16-Apr-2013 14:58:16
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK028

First Level Reviewer: shockr Date: 22-Apr-2013 10:28:36

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	1	10.230	10.230	0.000	30218556	0.6173		100.0	M
1	2	10.573	10.573	0.000	27372334	0.5497	81.1- 121.1	90.6	M
1	3	10.724	10.724	0.000	14398200	0.3511	65.0- 105.0	47.6	M
1	4	11.144	11.144	0.000	15777795	0.5061	43.1- 83.1	52.2	M
1	5	11.411	11.411	0.000	3907564	0.1494	32.5- 72.5	12.9	M
			Average of Peak Amounts =			0.4347			
2	100	10.337	10.337	0.000	14435195	0.8550		100.0	
2	2	10.929	10.929	0.000	15790371	0.7333	108.3- 148.3	109.4	
2	3	11.357	11.357	0.000	16974442	0.6521	134.7- 174.7	117.6	
2	4	12.097	12.097	0.000	15269758	0.5037	157.2- 197.2	105.8	
2	5	12.658	12.658	0.000	5805838	0.4750	51.7- 91.7	40.2	
			Average of Peak Amounts =			0.6438			
						RPD = 38.78			

QC Flag Legend

Review Flags
M - Manually Integrated

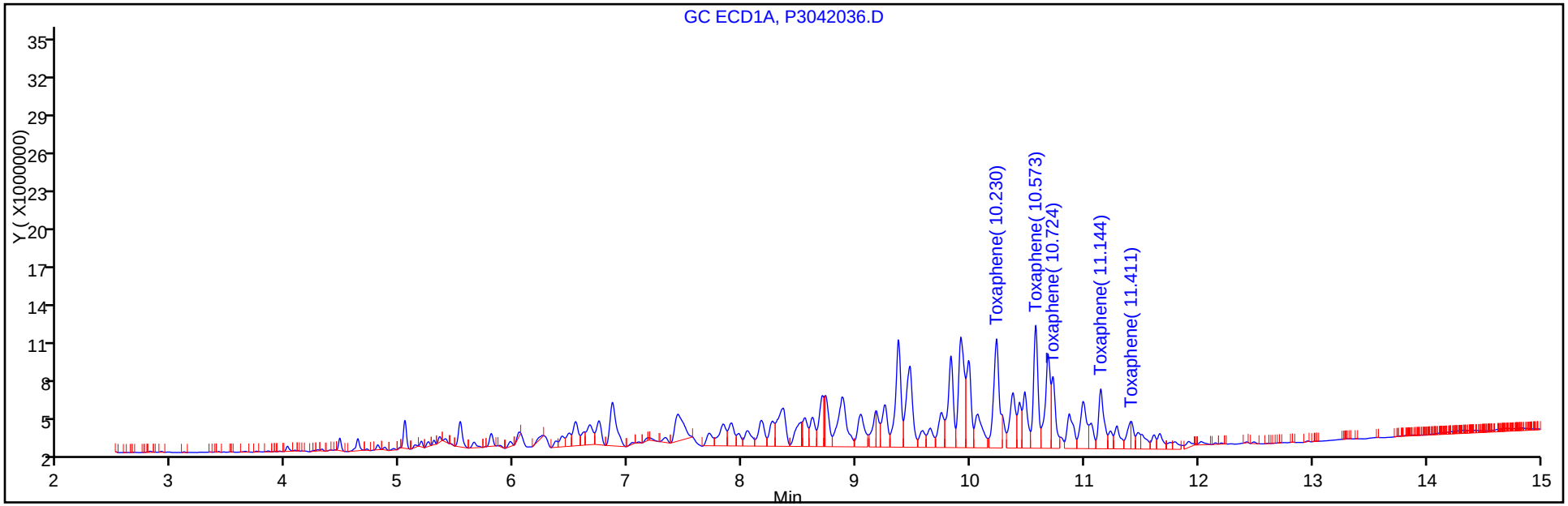
Report Date: 22-Apr-2013 10:31:21 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

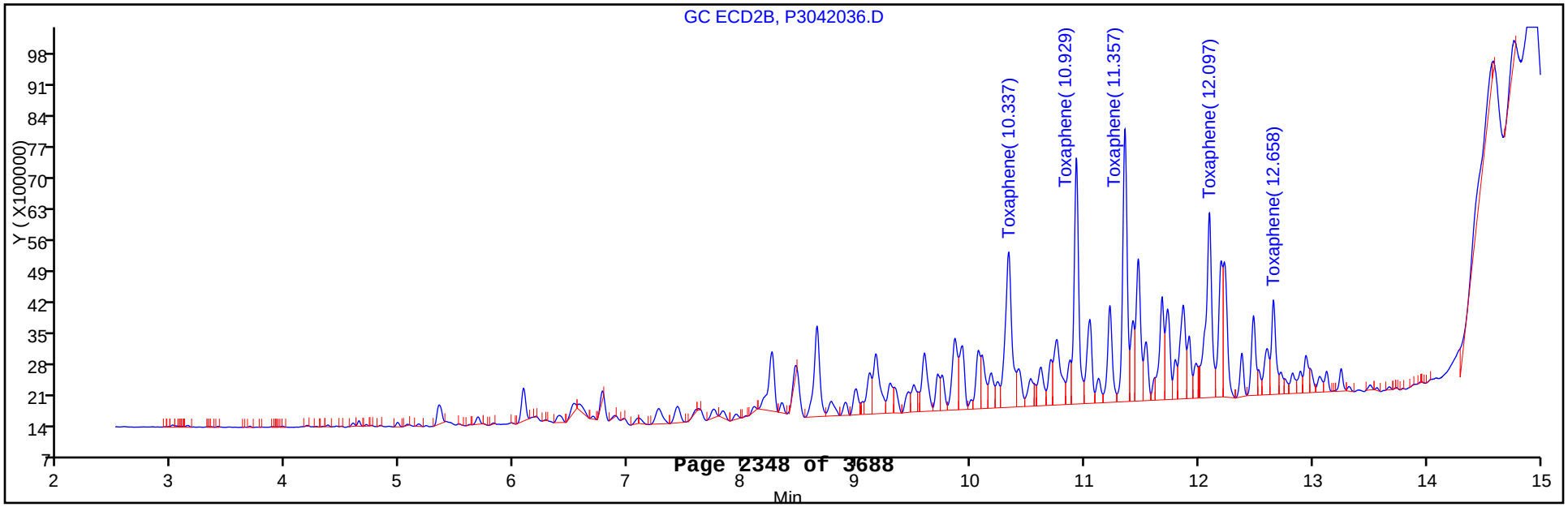
Data File: \\NCChrom\ChromData\A2HP3\20130420-19105.b\P3042036.D

Injection Date:	21-Apr-2013 00:46:03	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82857	Lims Sample ID:	36
Operator ID:	402582	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



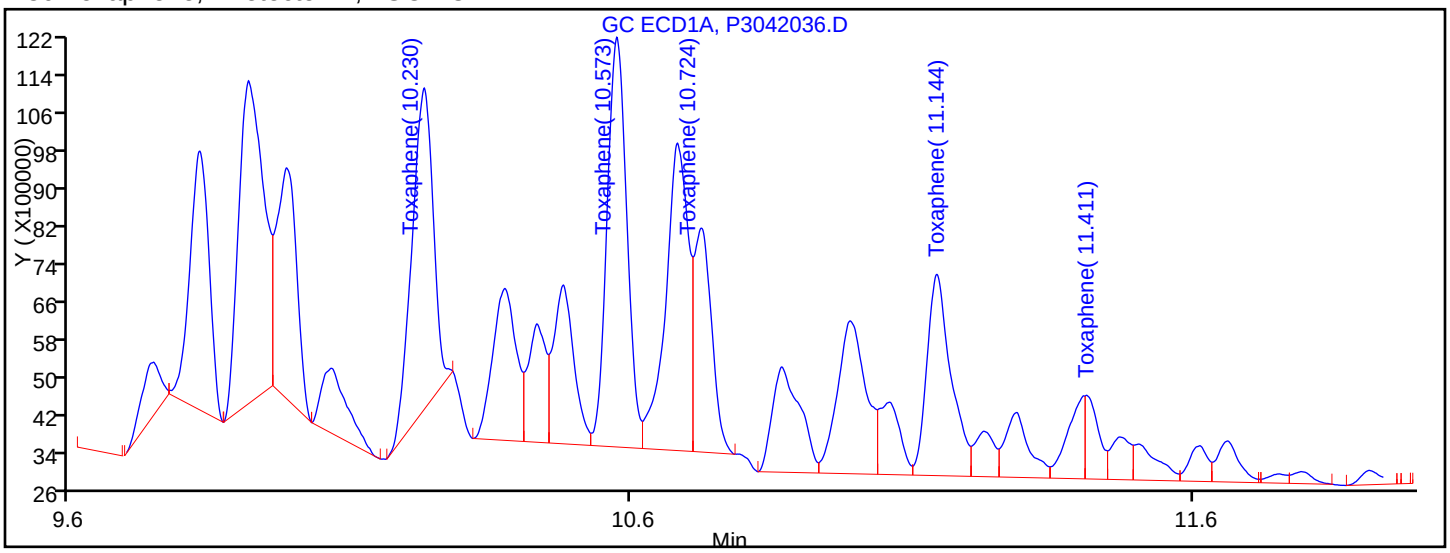
Report Date: 22-Apr-2013 10:31:22 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP3\20130420-19105.b\P3042036.D

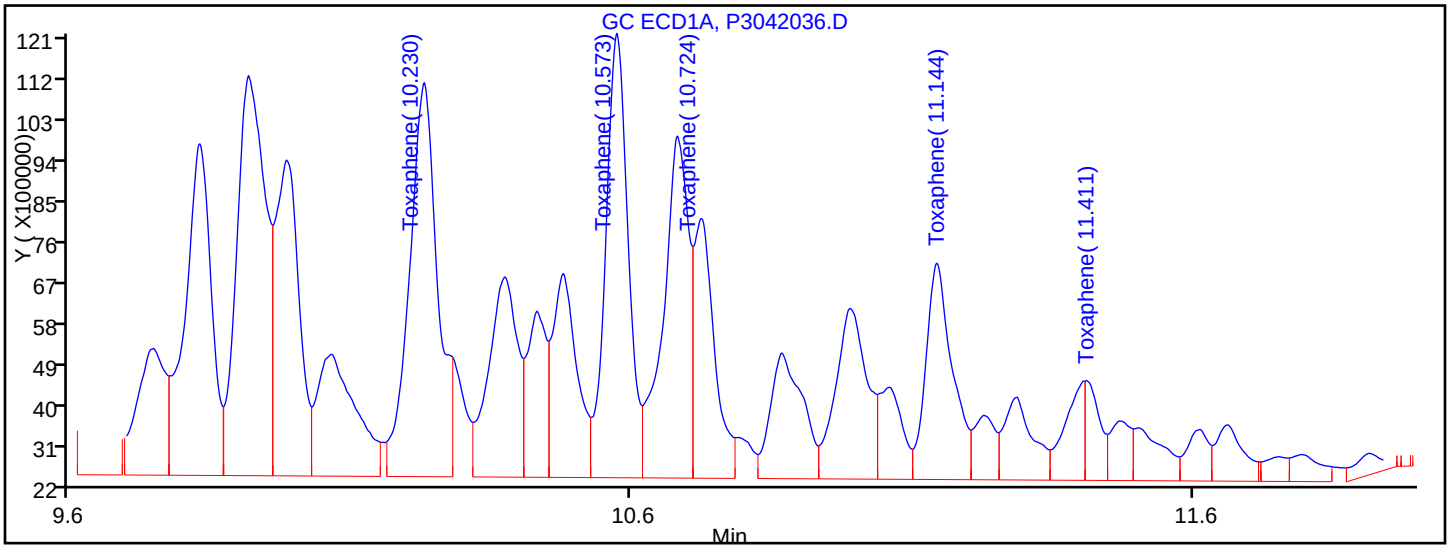
Injection Date:	21-Apr-2013 00:46:03	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82857	Lims Sample ID:	36
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 1, GC ECD1A



Processing Integration Results

RT = 10.230	Response = 18315371	M
RT = 10.573	Response = 21615272	M
RT = 10.724	Response = 10244171	M
RT = 11.144	Response = 12881685	M
RT = 11.411	Response = 2923595	M



Manual Integration Results

RT = 10.230	Response = 30218556	M
RT = 10.573	Response = 27372334	M
RT = 10.724	Response = 14398200	M
RT = 11.144	Response = 15777795	M
RT = 11.411	Response = 3907564	M

Reviewer: shockr, 22-Apr-2013 10:28:36

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82857/36 Calibration Date: 04/21/2013 00:46

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 16:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/14/2013 18:00

Lab File ID: P3042036.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	16883134	14435195		0.855	1.00	-14.5	20.0
Toxaphene Peak 2	Ave	21534081	15790371		0.733	1.00	-26.7*	20.0
Toxaphene Peak 3	Ave	26029451	16974442		0.652	1.00	-34.8*	20.0
Toxaphene Peak 4	Ave	30315481	15269758		0.504	1.00	-49.6*	20.0
Toxaphene Peak 5	Ave	12222975	5805838		0.475	1.00	-52.5*	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82857/36 Calibration Date: 04/21/2013 00:46

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 16:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/14/2013 18:00

Lab File ID: P3042036.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	10.34	10.31	10.37
Toxaphene Peak 2	10.93	10.90	10.96
Toxaphene Peak 3	11.36	11.33	11.39
Toxaphene Peak 4	12.10	12.07	12.13
Toxaphene Peak 5	12.66	12.63	12.69

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130420-19105.b\P3042036.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 21-Apr-2013 00:46:03 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0019105-036
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 36
Lims Batch ID: 82857 Lims Sample ID: 36
Sublist: chrom-PEST3*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130420-19105.b\PEST3.m
Last Update: 22-Apr-2013 10:31:21 Calib Date: 16-Apr-2013 14:58:16
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK028

First Level Reviewer: shockr Date: 22-Apr-2013 10:28:36

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	1	10.230	10.230	0.000	30218556	0.6173		100.0	M
1	2	10.573	10.573	0.000	27372334	0.5497	81.1- 121.1	90.6	M
1	3	10.724	10.724	0.000	14398200	0.3511	65.0- 105.0	47.6	M
1	4	11.144	11.144	0.000	15777795	0.5061	43.1- 83.1	52.2	M
1	5	11.411	11.411	0.000	3907564	0.1494	32.5- 72.5	12.9	M
			Average of Peak Amounts =			0.4347			
2	100	10.337	10.337	0.000	14435195	0.8550		100.0	
2	2	10.929	10.929	0.000	15790371	0.7333	108.3- 148.3	109.4	
2	3	11.357	11.357	0.000	16974442	0.6521	134.7- 174.7	117.6	
2	4	12.097	12.097	0.000	15269758	0.5037	157.2- 197.2	105.8	
2	5	12.658	12.658	0.000	5805838	0.4750	51.7- 91.7	40.2	
			Average of Peak Amounts =			0.6438			
						RPD = 38.78			

QC Flag Legend

Review Flags
M - Manually Integrated

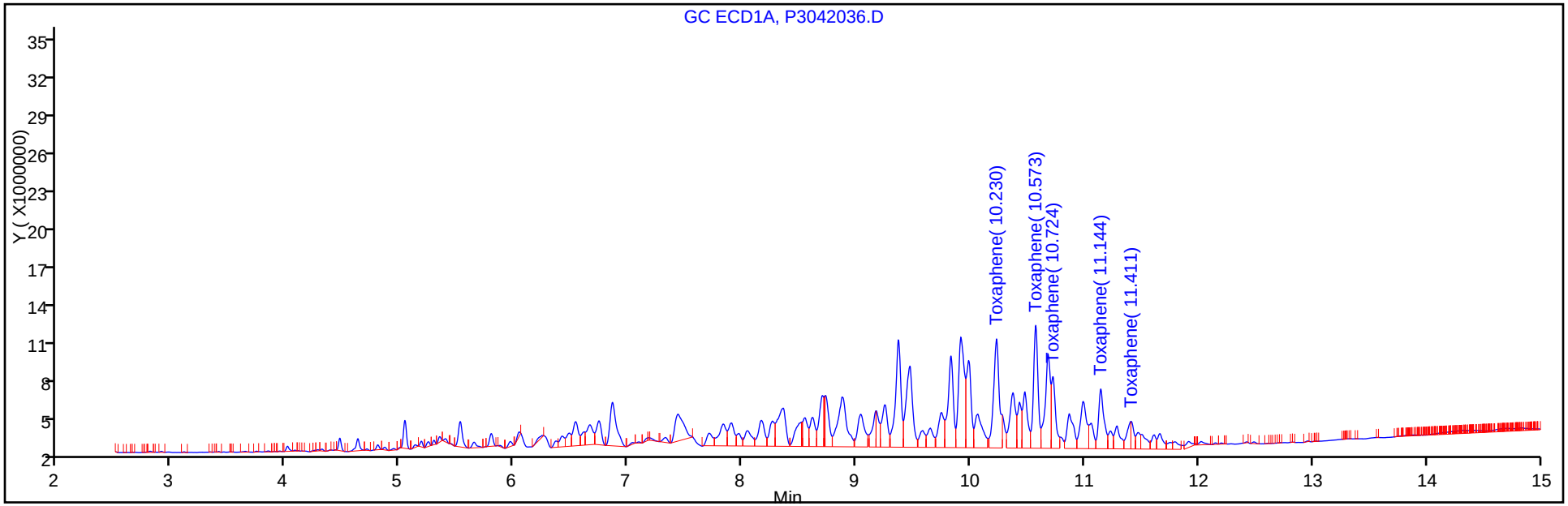
Report Date: 22-Apr-2013 10:31:22 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

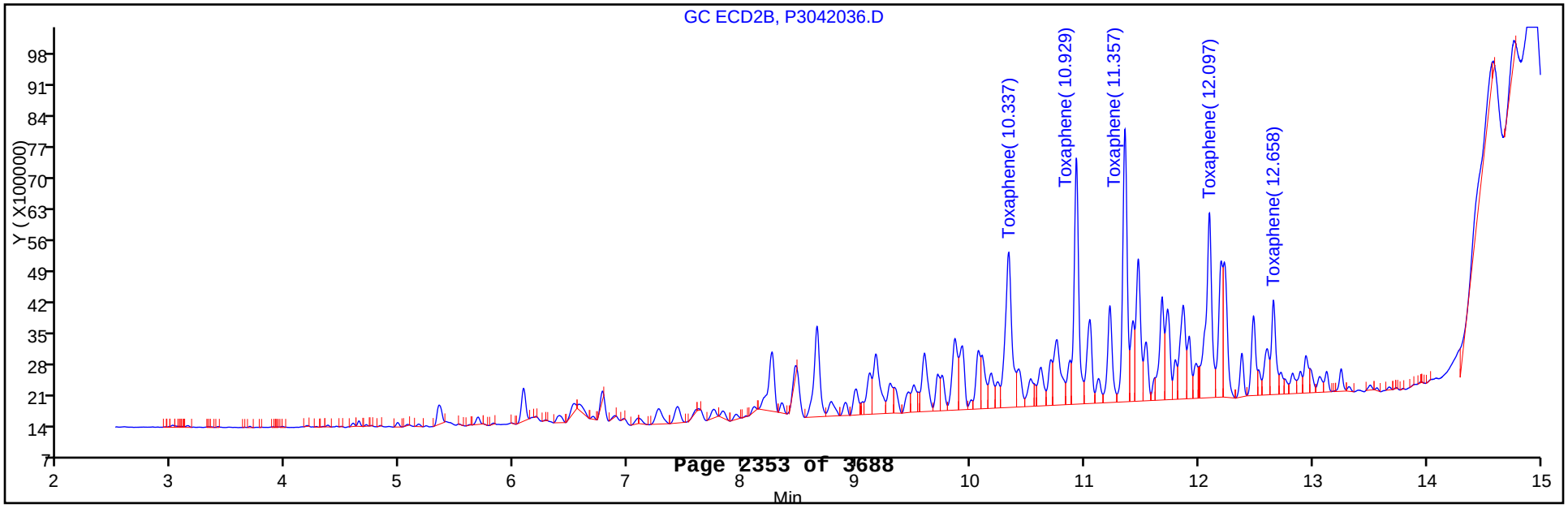
Data File: \\NCChrom\ChromData\A2HP3\20130420-19105.b\P3042036.D

Injection Date:	21-Apr-2013 00:46:03	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82857	Lims Sample ID:	36
Operator ID:	402582	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
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82857/38 Calibration Date: 04/21/2013 01:26

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 14:20

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/14/2013 16:00

Lab File ID: P3042038.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1623707372	1686818040		0.0260	0.0250	3.9	20.0
gamma-BHC (Lindane)	Ave	1455203462	1413535920		0.0243	0.0250	-2.9	20.0
beta-BHC	Ave	618486639	610862320		0.0247	0.0250	-1.2	20.0
delta-BHC	Ave	1480196914	1499441400		0.0253	0.0250	1.3	20.0
Heptachlor	Ave	1288059053	1113696640		0.0216	0.0250	-13.5	20.0
Aldrin	Ave	1359987606	1413559680		0.0260	0.0250	3.9	20.0
Heptachlor epoxide	Ave	1229987574	1250161800		0.0254	0.0250	1.6	20.0
gamma-Chlordane	Ave	1263492565	1286714400		0.0255	0.0250	1.8	20.0
alpha-Chlordane	Ave	1289702829	1325095760		0.0257	0.0250	2.7	20.0
Endosulfan I	Ave	1152636801	1139512280		0.0247	0.0250	-1.1	20.0
4,4'-DDE	Ave	1266505227	1285018800		0.0254	0.0250	1.5	20.0
Dieldrin	Ave	1268423751	1293605160		0.0255	0.0250	2.0	20.0
Endrin	Ave	1189138903	1152109480		0.0242	0.0250	-3.1	20.0
4,4'-DDD	Ave	970323691	1208594920		0.0311	0.0250	24.6*	20.0
Endosulfan II	Ave	1094573989	1086007640		0.0248	0.0250	-0.8	20.0
4,4'-DDT	Ave	922210777	431699920		0.0117	0.0250	-53.2*	20.0
Endrin aldehyde	Ave	880698493	771286840		0.0219	0.0250	-12.4	20.0
Methoxychlor	Ave	461419504	286715840		0.0155	0.0250	-37.9*	20.0
Endosulfan sulfate	Ave	981061458	1006653520		0.0257	0.0250	2.6	20.0
Endrin ketone	Ave	1144648217	1016770840		0.0222	0.0250	-11.2	20.0
Tetrachloro-m-xylene	Ave	1100163513	1067866280		0.0243	0.0250	-2.9	20.0
DCB Decachlorobiphenyl	Ave	960238458	1012355440		0.0264	0.0250	5.4	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82857/38 Calibration Date: 04/21/2013 01:26

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 14:20

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/14/2013 16:00

Lab File ID: P3042038.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.16	4.13	4.19
gamma-BHC (Lindane)	4.54	4.51	4.57
beta-BHC	4.67	4.64	4.70
delta-BHC	4.89	4.86	4.92
Heptachlor	5.17	5.14	5.20
Aldrin	5.62	5.59	5.65
Heptachlor epoxide	6.83	6.80	6.86
gamma-Chlordane	7.13	7.10	7.16
alpha-Chlordane	7.48	7.45	7.51
Endosulfan I	7.76	7.73	7.79
4,4'-DDE	7.86	7.83	7.89
Dieldrin	8.33	8.30	8.36
Endrin	8.78	8.75	8.81
4,4'-DDD	9.15	9.12	9.18
Endosulfan II	9.24	9.21	9.27
4,4'-DDT	9.68	9.65	9.71
Endrin aldehyde	10.04	10.01	10.07
Methoxychlor	10.64	10.61	10.67
Endosulfan sulfate	10.77	10.74	10.80
Endrin ketone	11.17	11.14	11.20
Tetrachloro-m-xylene	3.47	3.44	3.50
DCB Decachlorobiphenyl	12.79	12.76	12.82

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130420-19105.b\P3042038.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 21-Apr-2013 01:26:15 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0019105-038
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 38
Lims Batch ID: 82857 Lims Sample ID: 38
Sublist: chrom-PEST3*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130420-19105.b\PEST3.m
Last Update: 22-Apr-2013 10:31:24 Calib Date: 16-Apr-2013 14:58:16
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK028

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.474	3.474	0.000	26696657	0.0243			
2	100	4.069	4.069	0.000	14061527	0.0233			
						RPD = 4.14			
5 alpha-BHC									
1	100	4.162	4.162	0.000	42170451	0.0260			
2	100	4.922	4.922	0.000	21425564	0.0278			
						RPD = 6.90			
20 gamma-BHC (Lindane)									
1	100	4.540	4.540	0.000	35338398	0.0243			
2	100	5.505	5.505	0.000	17846489	0.0264			
						RPD = 8.19			
7 beta-BHC									
1	100	4.673	4.673	0.000	15271558	0.0247			
2	100	5.690	5.690	0.000	8017076	0.0271			
						RPD = 9.34			
11 delta-BHC									
1	100	4.886	4.886	0.000	37486035	0.0253			
2	100	6.272	6.272	0.000	19132348	0.0275			
						RPD = 8.25			
22 Heptachlor									
1	100	5.167	5.167	0.000	27842416	0.0216			
2	100	6.334	6.334	0.000	12936252	0.0222			
						RPD = 2.62			
4 Aldrin									
1	100	5.616	5.616	0.000	35338992	0.0260			
2	100	7.081	7.081	0.000	18041203	0.0271			
						RPD = 4.15			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.834	6.834	0.000	31254045	0.0254			
2	100	8.580	8.580	0.000	15781774	0.0271			
						RPD = 6.61			
21 gamma-Chlordane									
1	100	7.133	7.133	0.000	32167860	0.0255			
2	100	8.985	8.985	0.000	16085539	0.0274			
						RPD = 7.42			
6 alpha-Chlordane									
1	100	7.483	7.483	0.000	33127394	0.0257			
2	100	9.293	9.293	0.000	16474507	0.0270			
						RPD = 4.96			
14 Endosulfan I									
1	100	7.760	7.760	0.000	28487807	0.0247			
2	100	9.360	9.360	0.000	13975371	0.0263			
						RPD = 6.22			
2 4,4'-DDE									
1	100	7.860	7.860	0.000	32125470	0.0254			
2	100	9.740	9.740	0.000	15899278	0.0261			
						RPD = 2.74			
13 Dieldrin									
1	100	8.325	8.325	0.000	32340129	0.0255			
2	100	9.888	9.888	0.000	15841687	0.0267			
						RPD = 4.43			
17 Endrin									
1	100	8.782	8.782	0.000	28802737	0.0242			
2	100	10.411	10.411	0.000	13780832	0.0257			
						RPD = 6.00			
1 4,4'-DDD									
1	100	9.150	9.150	0.000	30214873	0.0311			
2	100	10.750	10.750	0.000	15598332	0.0365			
						RPD = 15.81			
15 Endosulfan II									
1	100	9.236	9.236	0.000	27150191	0.0248			
2	100	10.782	10.782	0.000	13100340	0.0270			
						RPD = 8.42			
3 4,4'-DDT									
1	100	9.677	9.677	0.000	10792498	0.0117			
2	100	11.233	11.233	0.000	4645030	0.0117			
						RPD = 0.35			
18 Endrin aldehyde									
1	100	10.040	10.040	0.000	19282171	0.0219			
2	100	11.350	11.350	0.000	9253871	0.0234			
						RPD = 6.75			
27 Methoxychlor									
1	100	10.638	10.638	0.000	7167896	0.0155			
2	100	12.318	12.318	0.000	3046265	0.0153			
						RPD = 1.73			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.770	10.770	0.000	25166338	0.0257			
2	100	11.770	11.770	0.000	12440164	0.0281			
						RPD = 9.21			
19 Endrin ketone									
1	100	11.171	11.171	0.000	25419271	0.0222			
2	100	12.519	12.519	0.000	12152753	0.0242			
						RPD = 8.72			
$ 10 DCB Decachlorobiphenyl									
1	100	12.792	12.792	0.000	25308886	0.0264			
2	100	14.241	14.241	0.000	12971815	0.0270			
						RPD = 2.36			

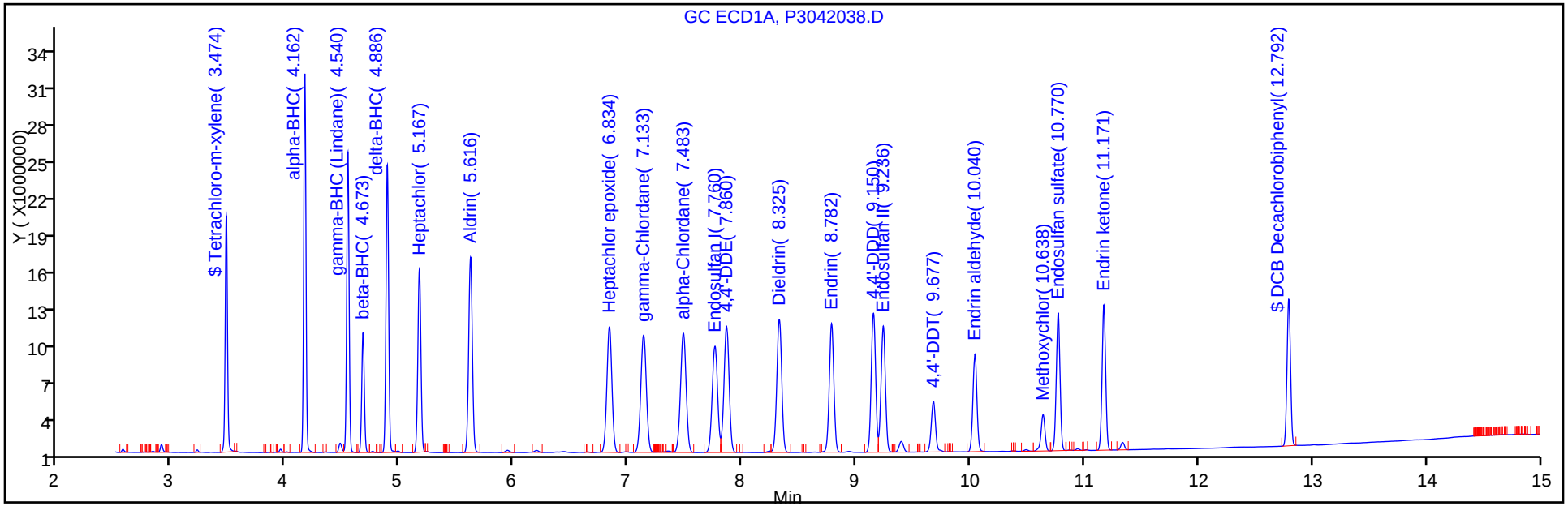
Report Date: 22-Apr-2013 10:31:24 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

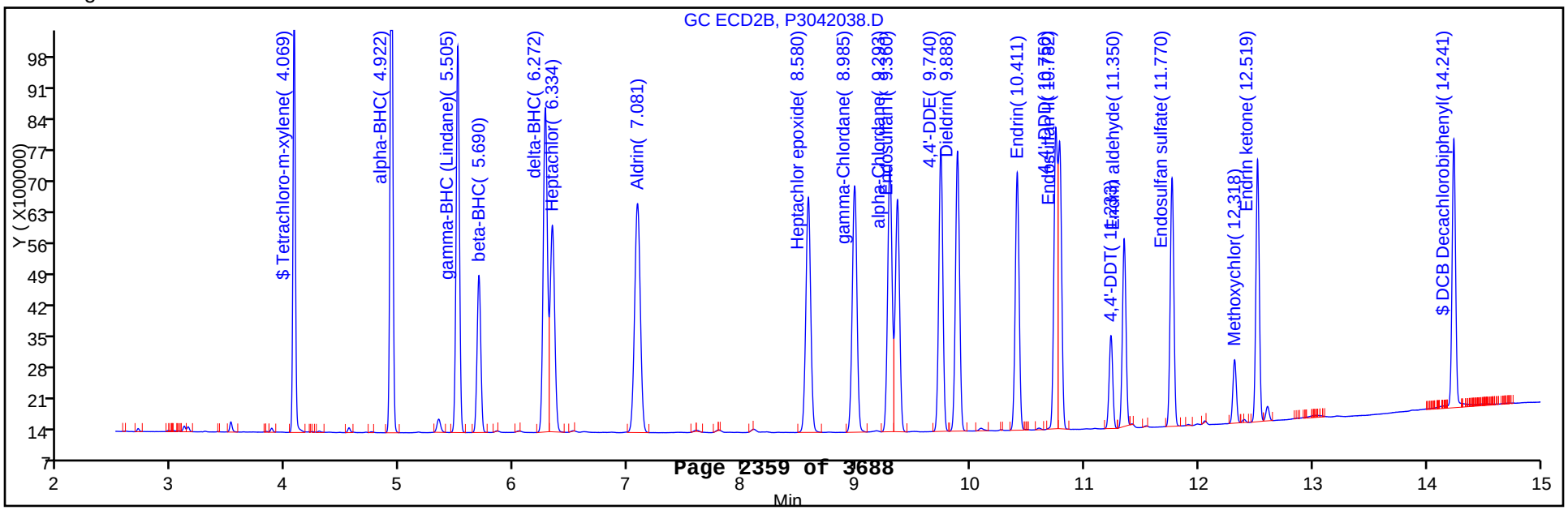
Data File: \\NCChrom\ChromData\A2HP3\20130420-19105.b\P3042038.D

Injection Date:	21-Apr-2013 01:26:15	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82857	Lims Sample ID:	38
Operator ID:	402582	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
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82857/38 Calibration Date: 04/21/2013 01:26

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 14:20

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/14/2013 16:00

Lab File ID: P3042038.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	769922401	857022560		0.0278	0.0250	11.3	20.0
gamma-BHC (Lindane)	Ave	677058072	713859560		0.0264	0.0250	5.4	20.0
beta-BHC	Ave	295707343	320683040		0.0271	0.0250	8.4	20.0
delta-BHC	Ave	695621800	765293920		0.0275	0.0250	10.0	20.0
Heptachlor	Ave	582970513	517450080		0.0222	0.0250	-11.2	20.0
Aldrin	Ave	666083583	721648120		0.0271	0.0250	8.3	20.0
Heptachlor epoxide	Ave	581320598	631270960		0.0271	0.0250	8.6	20.0
gamma-Chlordane	Ave	586604093	643421560		0.0274	0.0250	9.7	20.0
alpha-Chlordane	Ave	610326008	658980280		0.0270	0.0250	8.0	20.0
Endosulfan I	Ave	531325762	559014840		0.0263	0.0250	5.2	20.0
4,4'-DDE	Ave	609850598	635971120		0.0261	0.0250	4.3	20.0
Dieldrin	Ave	594383876	633667480		0.0267	0.0250	6.6	20.0
Endrin	Ave	535793583	551233280		0.0257	0.0250	2.9	20.0
4,4'-DDD	Ave	427546511	623933280		0.0365	0.0250	45.9*	20.0
Endosulfan II	Ave	485472127	524013600		0.0270	0.0250	7.9	20.0
4,4'-DDT	Ave	395546624	185801200		0.0117	0.0250	-53.0*	20.0
Endrin aldehyde	Ave	395073591	370154840		0.0234	0.0250	-6.3	20.0
Endosulfan sulfate	Ave	442236050	497606560		0.0281	0.0250	12.5	20.0
Methoxychlor	Ave	199518519	121850600		0.0153	0.0250	-38.9*	20.0
Endrin ketone	Ave	501538938	486110120		0.0242	0.0250	-3.1	20.0
Tetrachloro-m-xylene	Ave	603960426	562461080		0.0233	0.0250	-6.9	20.0
DCB Decachlorobiphenyl	Ave	480698861	518872600		0.0270	0.0250	7.9	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82857/38 Calibration Date: 04/21/2013 01:26

Instrument ID: A2HP3 Calib Start Date: 03/14/2013 14:20

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/14/2013 16:00

Lab File ID: P3042038.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.92	4.89	4.95
gamma-BHC (Lindane)	5.51	5.48	5.54
beta-BHC	5.69	5.66	5.72
delta-BHC	6.27	6.24	6.30
Heptachlor	6.33	6.30	6.36
Aldrin	7.08	7.05	7.11
Heptachlor epoxide	8.58	8.55	8.61
gamma-Chlordane	8.99	8.96	9.02
alpha-Chlordane	9.29	9.26	9.32
Endosulfan I	9.36	9.33	9.39
4,4'-DDE	9.74	9.71	9.77
Dieldrin	9.89	9.86	9.92
Endrin	10.41	10.38	10.44
4,4'-DDD	10.75	10.72	10.78
Endosulfan II	10.78	10.75	10.81
4,4'-DDT	11.23	11.20	11.26
Endrin aldehyde	11.35	11.32	11.38
Endosulfan sulfate	11.77	11.74	11.80
Methoxychlor	12.32	12.29	12.35
Endrin ketone	12.52	12.49	12.55
Tetrachloro-m-xylene	4.07	4.04	4.10
DCB Decachlorobiphenyl	14.24	14.21	14.27

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130420-19105.b\P3042038.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 21-Apr-2013 01:26:15 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0019105-038
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 38
Lims Batch ID: 82857 Lims Sample ID: 38
Sublist: chrom-PEST3*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130420-19105.b\PEST3.m
Last Update: 22-Apr-2013 10:31:24 Calib Date: 16-Apr-2013 14:58:16
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK028

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.474	3.474	0.000	26696657	0.0243			
2	100	4.069	4.069	0.000	14061527	0.0233			
						RPD = 4.14			
5 alpha-BHC									
1	100	4.162	4.162	0.000	42170451	0.0260			
2	100	4.922	4.922	0.000	21425564	0.0278			
						RPD = 6.90			
20 gamma-BHC (Lindane)									
1	100	4.540	4.540	0.000	35338398	0.0243			
2	100	5.505	5.505	0.000	17846489	0.0264			
						RPD = 8.19			
7 beta-BHC									
1	100	4.673	4.673	0.000	15271558	0.0247			
2	100	5.690	5.690	0.000	8017076	0.0271			
						RPD = 9.34			
11 delta-BHC									
1	100	4.886	4.886	0.000	37486035	0.0253			
2	100	6.272	6.272	0.000	19132348	0.0275			
						RPD = 8.25			
22 Heptachlor									
1	100	5.167	5.167	0.000	27842416	0.0216			
2	100	6.334	6.334	0.000	12936252	0.0222			
						RPD = 2.62			
4 Aldrin									
1	100	5.616	5.616	0.000	35338992	0.0260			
2	100	7.081	7.081	0.000	18041203	0.0271			
						RPD = 4.15			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.834	6.834	0.000	31254045	0.0254			
2	100	8.580	8.580	0.000	15781774	0.0271			
						RPD = 6.61			
21 gamma-Chlordane									
1	100	7.133	7.133	0.000	32167860	0.0255			
2	100	8.985	8.985	0.000	16085539	0.0274			
						RPD = 7.42			
6 alpha-Chlordane									
1	100	7.483	7.483	0.000	33127394	0.0257			
2	100	9.293	9.293	0.000	16474507	0.0270			
						RPD = 4.96			
14 Endosulfan I									
1	100	7.760	7.760	0.000	28487807	0.0247			
2	100	9.360	9.360	0.000	13975371	0.0263			
						RPD = 6.22			
2 4,4'-DDE									
1	100	7.860	7.860	0.000	32125470	0.0254			
2	100	9.740	9.740	0.000	15899278	0.0261			
						RPD = 2.74			
13 Dieldrin									
1	100	8.325	8.325	0.000	32340129	0.0255			
2	100	9.888	9.888	0.000	15841687	0.0267			
						RPD = 4.43			
17 Endrin									
1	100	8.782	8.782	0.000	28802737	0.0242			
2	100	10.411	10.411	0.000	13780832	0.0257			
						RPD = 6.00			
1 4,4'-DDD									
1	100	9.150	9.150	0.000	30214873	0.0311			
2	100	10.750	10.750	0.000	15598332	0.0365			
						RPD = 15.81			
15 Endosulfan II									
1	100	9.236	9.236	0.000	27150191	0.0248			
2	100	10.782	10.782	0.000	13100340	0.0270			
						RPD = 8.42			
3 4,4'-DDT									
1	100	9.677	9.677	0.000	10792498	0.0117			
2	100	11.233	11.233	0.000	4645030	0.0117			
						RPD = 0.35			
18 Endrin aldehyde									
1	100	10.040	10.040	0.000	19282171	0.0219			
2	100	11.350	11.350	0.000	9253871	0.0234			
						RPD = 6.75			
27 Methoxychlor									
1	100	10.638	10.638	0.000	7167896	0.0155			
2	100	12.318	12.318	0.000	3046265	0.0153			
						RPD = 1.73			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.770	10.770	0.000	25166338	0.0257			
2	100	11.770	11.770	0.000	12440164	0.0281			
						RPD = 9.21			
19 Endrin ketone									
1	100	11.171	11.171	0.000	25419271	0.0222			
2	100	12.519	12.519	0.000	12152753	0.0242			
						RPD = 8.72			
$ 10 DCB Decachlorobiphenyl									
1	100	12.792	12.792	0.000	25308886	0.0264			
2	100	14.241	14.241	0.000	12971815	0.0270			
						RPD = 2.36			

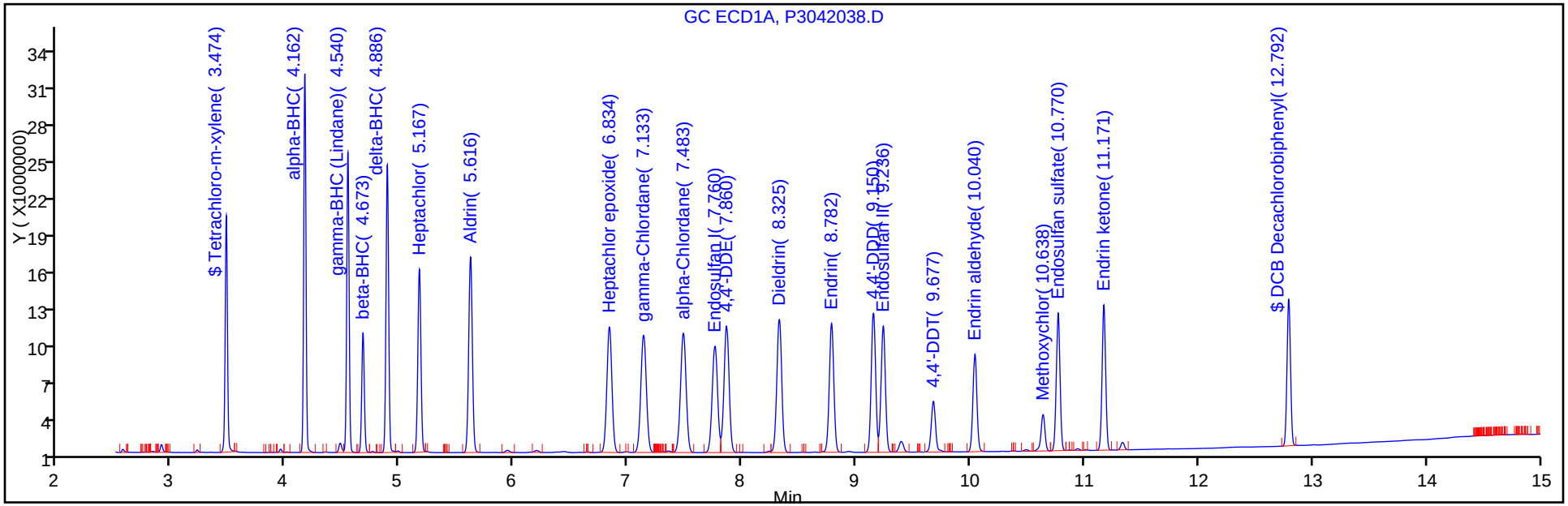
Report Date: 22-Apr-2013 10:31:25 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

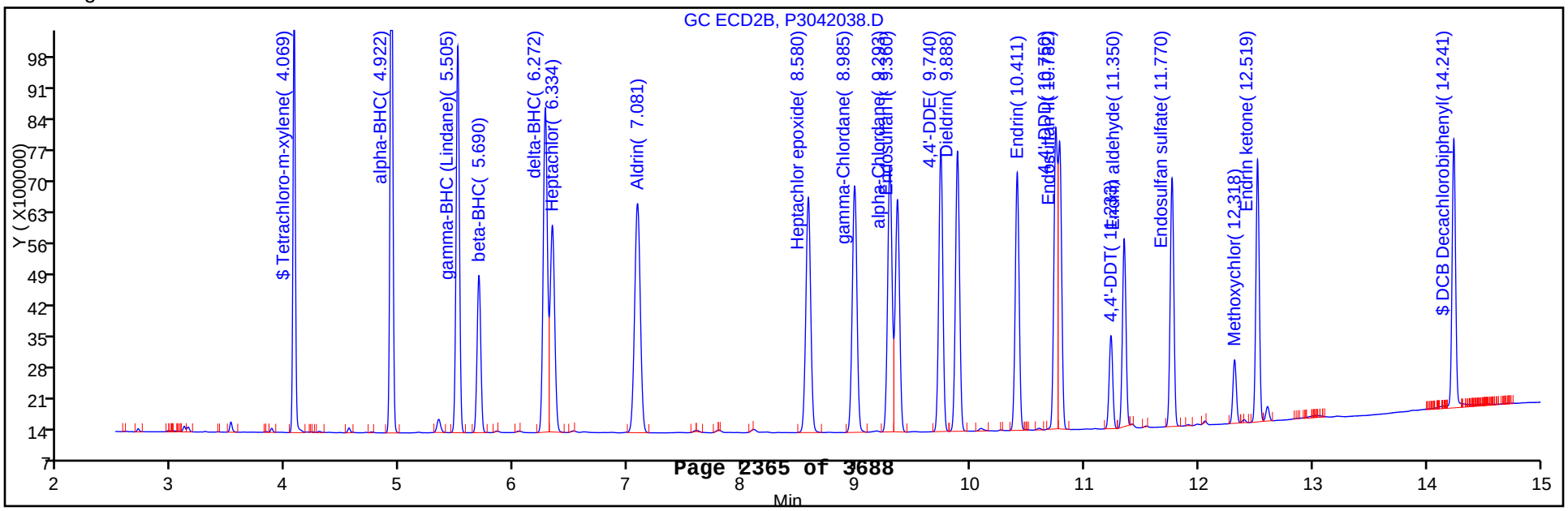
Data File: \\NCChrom\ChromData\A2HP3\20130420-19105.b\P3042038.D

Injection Date:	21-Apr-2013 01:26:15	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82857	Lims Sample ID:	38
Operator ID:	402582	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
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: ICV 240-83061/10 Calibration Date: 04/22/2013 20:33

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 18:52

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/22/2013 20:13

Lab File ID: P3042210.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	38294747	42754851		1.12	1.00	11.6	20.0
Toxaphene Peak 2	Ave	36690952	34702782		0.946	1.00	-5.4	20.0
Toxaphene Peak 3	Ave	28834208	38839702		1.35	1.00	34.7*	20.0
Toxaphene Peak 4	Ave	23017922	29385098		1.28	1.00	27.7*	20.0
Toxaphene Peak 5	Ave	18081479	23056828		1.28	1.00	27.5*	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: ICV 240-83061/10 Calibration Date: 04/22/2013 20:33

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 18:52

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/22/2013 20:13

Lab File ID: P3042210.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	10.22	10.20	10.26
Toxaphene Peak 2	10.57	10.54	10.60
Toxaphene Peak 3	10.72	10.69	10.75
Toxaphene Peak 4	11.14	11.11	11.17
Toxaphene Peak 5	11.41	11.38	11.44

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130422-19145.b\P3042210.D
Lims ID: ICV TOX
Client ID:
Inject. Date: 22-Apr-2013 20:33:17
Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0019145-010
Misc. Info.:
Operator: 402582
Instrument ID: A2HP3
Injection Vol: 1.0 ul
ALS Bottle#: 10
Lims Batch ID: 83061
Lims Sample ID: 10
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130422-19145.b\PEST3.m
Last Update: 23-Apr-2013 11:43:08
Calib Date: 23-Apr-2013 00:35:13
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130422-19145.b\P3042222.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK013

First Level Reviewer: shockr
Date: 23-Apr-2013 09:15:24

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	1	10.223	10.226	-0.003	42754851	1.12		100.0	M
1	2	10.569	10.570	-0.001	34702782	0.9458	77.7- 117.7	81.2	M
1	3	10.721	10.719	0.002	38839702	1.35	57.0- 97.0	90.8	M
1	4	11.139	11.140	-0.001	29385098	1.28	39.5- 79.5	68.7	M
1	5	11.412	11.411	0.001	23056828	1.28	26.4- 66.4	53.9	M
			Average of Peak Amounts =			1.19			
2	100	10.326	10.329	-0.003	12382909	0.8269		100.0	M
2	2	10.920	10.923	-0.003	11105333	0.6056	102.8- 142.8	89.7	M
2	3	11.343	11.344	-0.001	12517824	0.5839	124.4- 164.4	101.1	M
2	4	12.086	12.088	-0.002	19493606	0.8122	139.5- 179.5	157.4	M
2	5	12.647	12.649	-0.002	14284121	1.48	45.4- 85.4	115.4	M
			Average of Peak Amounts =			0.8621			
						RPD = 32.14			

QC Flag Legend

Review Flags
M - Manually Integrated

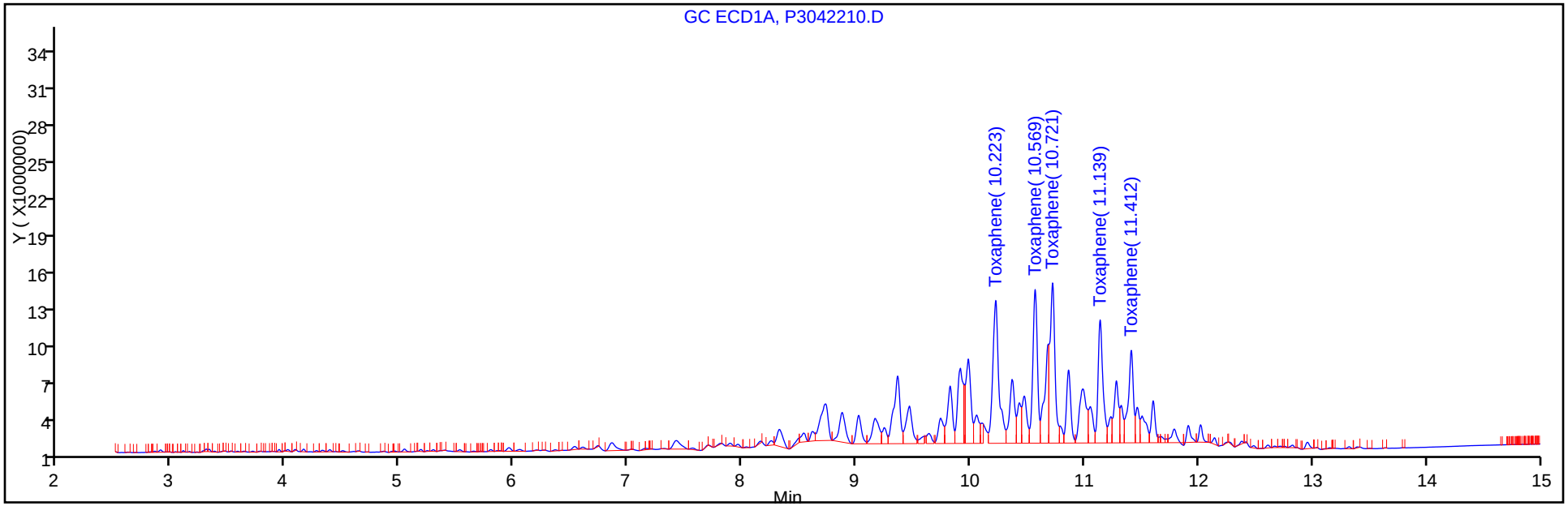
Report Date: 23-Apr-2013 11:43:11 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

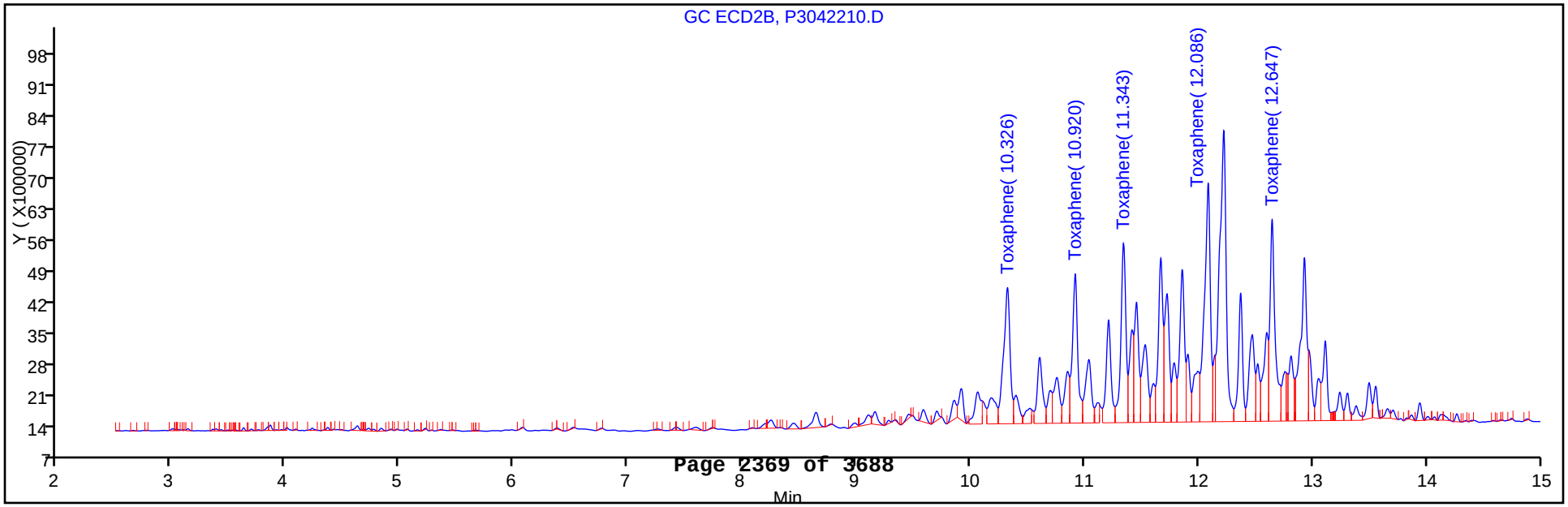
Data File: \\NCChrom\ChromData\A2HP3\20130422-19145.b\P3042210.D

Injection Date:	22-Apr-2013 20:33:17	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83061	Lims Sample ID:	10
Operator ID:	402582	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



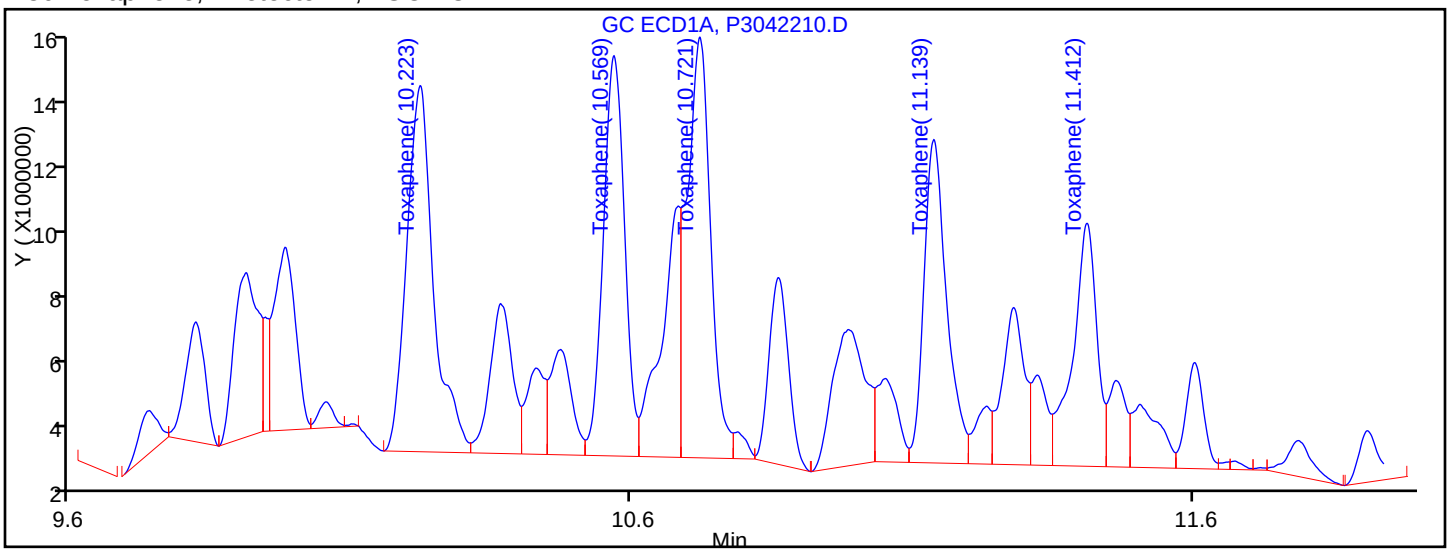
Report Date: 23-Apr-2013 11:43:11 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP3\20130422-19145.b\P3042210.D

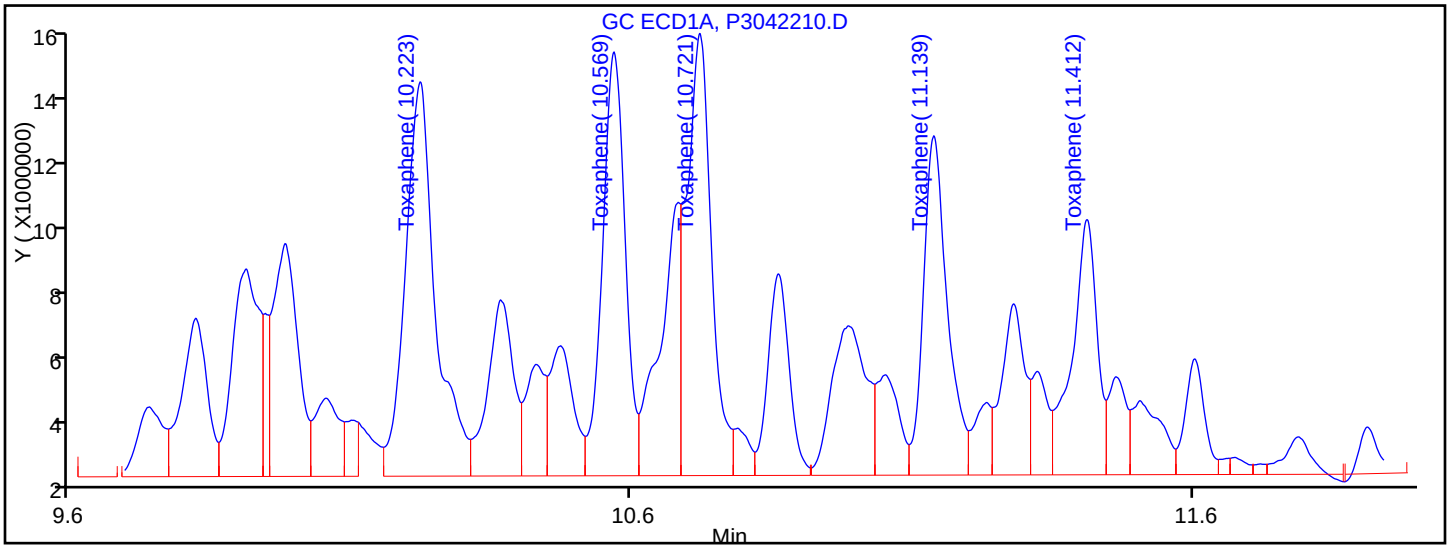
Injection Date:	22-Apr-2013 20:33:17	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83061	Lims Sample ID:	10
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 1, GC ECD1A



Processing Integration Results

RT = 10.223	Response = 35244562	M
RT = 10.569	Response = 30793185	M
RT = 10.721	Response = 35399843	M
RT = 11.139	Response = 26499887	M
RT = 11.412	Response = 21002747	M



Manual Integration Results

RT = 10.223	Response = 42754851	M
RT = 10.569	Response = 34702782	M
RT = 10.721	Response = 38839702	M
RT = 11.139	Response = 29385098	M
RT = 11.412	Response = 23056828	M

Reviewer: shockr, 23-Apr-2013 09:15:24

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: ICV 240-83061/10 Calibration Date: 04/22/2013 20:33

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 18:52

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/22/2013 20:13

Lab File ID: P3042210.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	14975845	12382909		0.827	1.00	-17.3	20.0
Toxaphene Peak 2	Ave	18337483	11105333		0.606	1.00	-39.4*	20.0
Toxaphene Peak 3	Ave	21437307	12517824		0.584	1.00	-41.6*	20.0
Toxaphene Peak 4	Ave	24002348	19493606		0.812	1.00	-18.8	20.0
Toxaphene Peak 5	Ave	9638555	14284121		1.48	1.00	48.2*	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: ICV 240-83061/10 Calibration Date: 04/22/2013 20:33

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 18:52

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/22/2013 20:13

Lab File ID: P3042210.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	10.33	10.30	10.36
Toxaphene Peak 2	10.92	10.89	10.95
Toxaphene Peak 3	11.34	11.31	11.37
Toxaphene Peak 4	12.09	12.06	12.12
Toxaphene Peak 5	12.65	12.62	12.68

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130422-19145.b\P3042210.D
Lims ID: ICV TOX
Client ID:
Inject. Date: 22-Apr-2013 20:33:17
Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0019145-010
Misc. Info.:
Operator: 402582
Instrument ID: A2HP3
Injection Vol: 1.0 ul
ALS Bottle#: 10
Lims Batch ID: 83061
Lims Sample ID: 10
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130422-19145.b\PEST3.m
Last Update: 23-Apr-2013 11:43:08
Calib Date: 23-Apr-2013 00:35:13
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130422-19145.b\P3042222.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK013

First Level Reviewer: shockr
Date: 23-Apr-2013 09:15:24

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	1	10.223	10.226	-0.003	42754851	1.12		100.0	M
1	2	10.569	10.570	-0.001	34702782	0.9458	77.7- 117.7	81.2	M
1	3	10.721	10.719	0.002	38839702	1.35	57.0- 97.0	90.8	M
1	4	11.139	11.140	-0.001	29385098	1.28	39.5- 79.5	68.7	M
1	5	11.412	11.411	0.001	23056828	1.28	26.4- 66.4	53.9	M
			Average of Peak Amounts =			1.19			
2	100	10.326	10.329	-0.003	12382909	0.8269		100.0	M
2	2	10.920	10.923	-0.003	11105333	0.6056	102.8- 142.8	89.7	M
2	3	11.343	11.344	-0.001	12517824	0.5839	124.4- 164.4	101.1	M
2	4	12.086	12.088	-0.002	19493606	0.8122	139.5- 179.5	157.4	M
2	5	12.647	12.649	-0.002	14284121	1.48	45.4- 85.4	115.4	M
			Average of Peak Amounts =			0.8621			
						RPD = 32.14			

QC Flag Legend

Review Flags
M - Manually Integrated

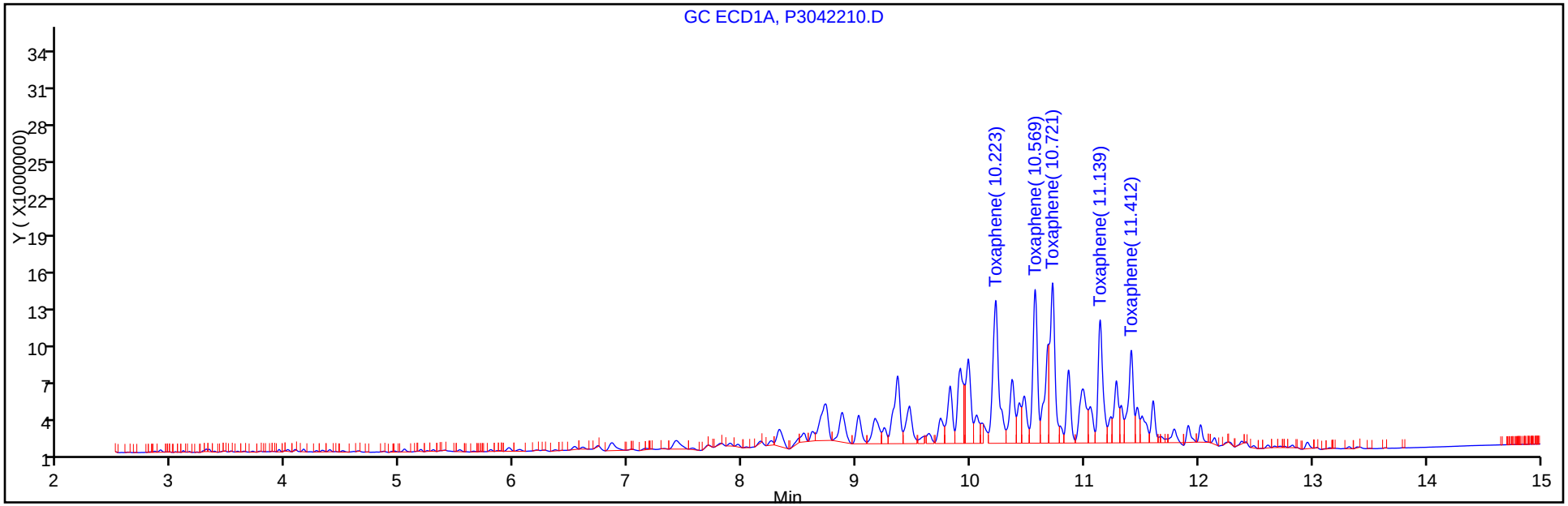
Report Date: 23-Apr-2013 11:43:11 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

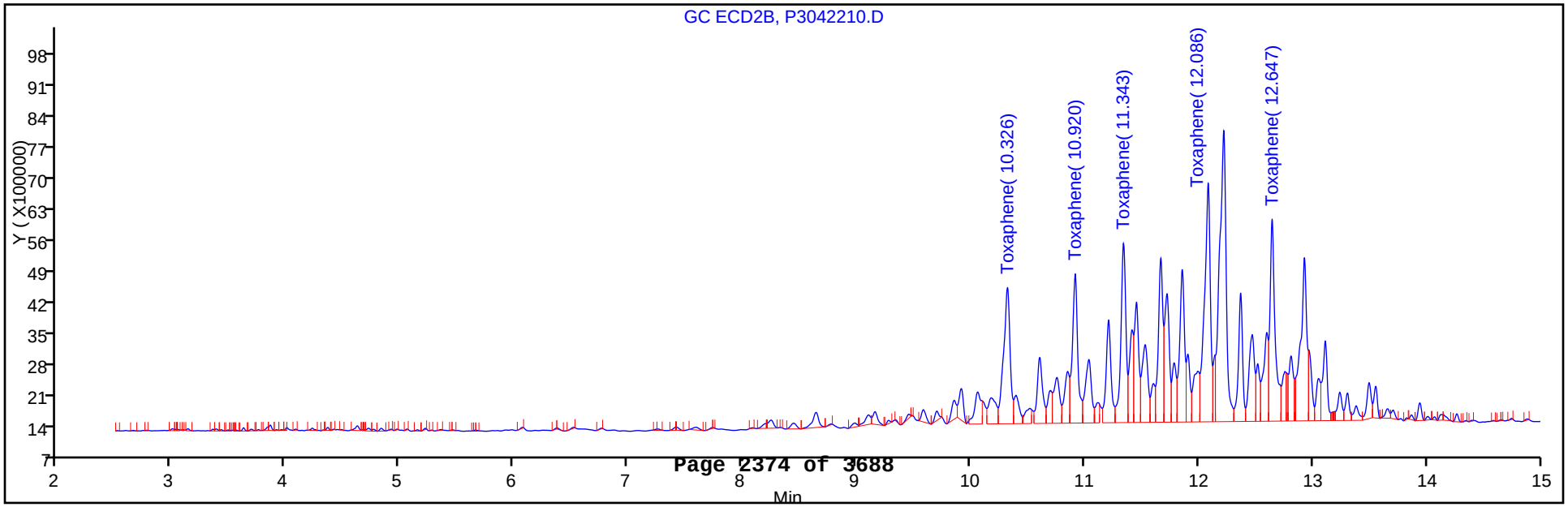
Data File: \\NCChrom\ChromData\A2HP3\20130422-19145.b\P3042210.D

Injection Date:	22-Apr-2013 20:33:17	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83061	Lims Sample ID:	10
Operator ID:	402582	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



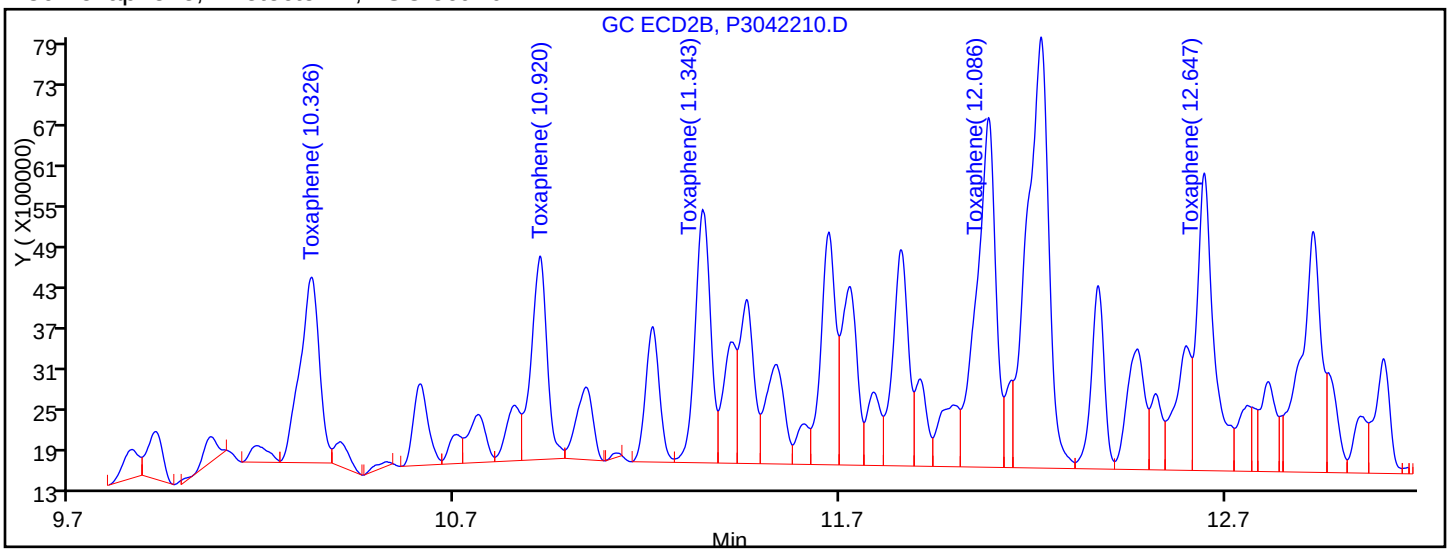
Report Date: 23-Apr-2013 11:43:12 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP3\20130422-19145.b\P3042210.D

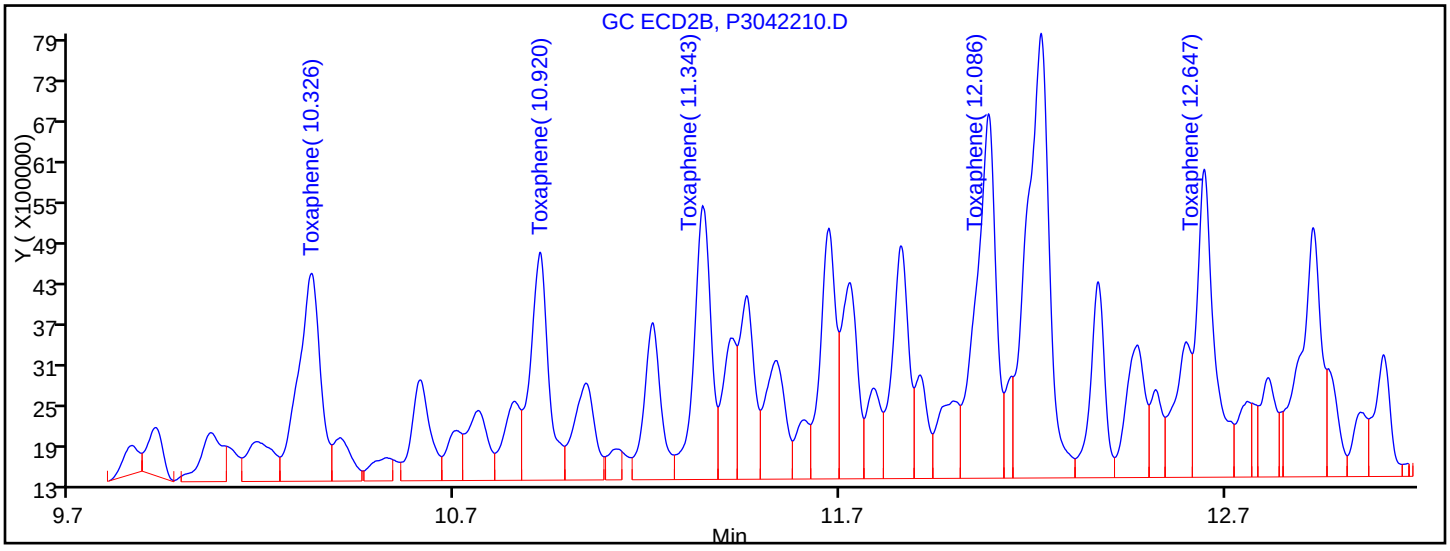
Injection Date:	22-Apr-2013 20:33:17	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83061	Lims Sample ID:	10
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 2, GC ecd2b



Processing Integration Results

RT = 10.326	Response = 9687455	M
RT = 10.920	Response = 8631289	M
RT = 11.343	Response = 10427317	M
RT = 12.086	Response = 17977618	M
RT = 12.647	Response = 13278905	M



Manual Integration Results

RT = 10.326	Response = 12382909	M
RT = 10.920	Response = 11105333	M
RT = 11.343	Response = 12517824	M
RT = 12.086	Response = 19493606	M
RT = 12.647	Response = 14284121	M

Reviewer: shockr, 23-Apr-2013 09:15:24

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: ICV 240-83061/23 Calibration Date: 04/23/2013 00:55

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 22:54

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/23/2013 00:35

Lab File ID: P3042223.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1359242943	1374007160		0.0253	0.0250	1.1	20.0
gamma-BHC (Lindane)	Ave	1208604110	1211952080		0.0251	0.0250	0.3	20.0
beta-BHC	Ave	519268069	514506400		0.0248	0.0250	-0.9	20.0
delta-BHC	Ave	1224286313	1221560360		0.0249	0.0250	-0.2	20.0
Heptachlor	Ave	1032014038	1004448080		0.0243	0.0250	-2.7	20.0
Aldrin	Ave	1088122939	1100273760		0.0253	0.0250	1.1	20.0
Heptachlor epoxide	Ave	992844247	983297080		0.0248	0.0250	-1.0	20.0
gamma-Chlordane	Ave	998864799	979041880		0.0245	0.0250	-2.0	20.0
alpha-Chlordane	Ave	1023188492	979992600		0.0239	0.0250	-4.2	20.0
Endosulfan I	Ave	906422798	887866720		0.0245	0.0250	-2.0	20.0
4,4'-DDE	Ave	968863059	940999000		0.0243	0.0250	-2.9	20.0
Dieldrin	Ave	998340371	975692480		0.0244	0.0250	-2.3	20.0
Endrin	Ave	929514238	885790440		0.0238	0.0250	-4.7	20.0
4,4'-DDD	Ave	747950398	721782640		0.0241	0.0250	-3.5	20.0
Endosulfan II	Ave	839808708	813750200		0.0242	0.0250	-3.1	20.0
4,4'-DDT	Ave	703196613	681998400		0.0242	0.0250	-3.0	20.0
Endrin aldehyde	Ave	644279437	621524600		0.0241	0.0250	-3.5	20.0
Methoxychlor	Ave	353664852	342393840		0.0242	0.0250	-3.2	20.0
Endosulfan sulfate	Ave	775754698	762841680		0.0246	0.0250	-1.7	20.0
Endrin ketone	Ave	898237216	845988200		0.0235	0.0250	-5.8	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: ICV 240-83061/23 Calibration Date: 04/23/2013 00:55

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 22:54

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/23/2013 00:35

Lab File ID: P3042223.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.16	4.13	4.19
gamma-BHC (Lindane)	4.54	4.51	4.57
beta-BHC	4.67	4.64	4.70
delta-BHC	4.89	4.85	4.91
Heptachlor	5.17	5.14	5.20
Aldrin	5.61	5.58	5.64
Heptachlor epoxide	6.83	6.80	6.86
gamma-Chlordane	7.13	7.10	7.16
alpha-Chlordane	7.48	7.44	7.50
Endosulfan I	7.75	7.72	7.78
4,4'-DDE	7.86	7.82	7.88
Dieldrin	8.32	8.29	8.35
Endrin	8.78	8.75	8.81
4,4'-DDD	9.14	9.12	9.18
Endosulfan II	9.23	9.20	9.26
4,4'-DDT	9.67	9.64	9.70
Endrin aldehyde	10.04	10.01	10.07
Methoxychlor	10.64	10.61	10.67
Endosulfan sulfate	10.77	10.74	10.80
Endrin ketone	11.17	11.14	11.20

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130422-19145.b\P3042223.D
Lims ID: ICV AB Client ID:
Inject. Date: 23-Apr-2013 00:55:21 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0019145-023
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 23
Lims Batch ID: 83061 Lims Sample ID: 23
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130422-19145.b\PEST3.m
Last Update: 23-Apr-2013 10:54:09 Calib Date: 23-Apr-2013 00:35:13
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130422-19145.b\P3042222.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 alpha-BHC									
1	100	4.161	4.161	0.000	34350179	0.0253			
2	100	4.919	4.918	0.001	17469562	0.0245			
						RPD = 3.25			
20 gamma-BHC (Lindane)									
1	100	4.539	4.539	0.000	30298802	0.0251			
2	100	5.499	5.498	0.001	15134718	0.0241			
						RPD = 3.76			
7 beta-BHC									
1	100	4.671	4.671	0.000	12862660	0.0248			
2	100	5.684	5.684	0.000	6860524	0.0246			
						RPD = 0.62			
11 delta-BHC									
1	100	4.885	4.884	0.001	30539009	0.0249			
2	100	6.266	6.265	0.001	15780754	0.0243			
						RPD = 2.57			
22 Heptachlor									
1	100	5.165	5.165	0.000	25111202	0.0243			
2	100	6.327	6.327	0.000	11589103	0.0234			
						RPD = 3.69			
4 Aldrin									
1	100	5.612	5.611	0.001	27506844	0.0253			
2	100	7.071	7.073	-0.002	14229636	0.0246			
						RPD = 2.83			
23 Heptachlor epoxide									
1	100	6.828	6.826	0.002	24582427	0.0248			
2	100	8.571	8.571	0.000	12559929	0.0245			
						RPD = 1.25			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
21 gamma-Chlordane									
1	100	7.128	7.125	0.003	24476047	0.0245			
2	100	8.979	8.977	0.002	12344861	0.0243			
						RPD = 0.98			
6 alpha-Chlordane									
1	100	7.475	7.474	0.001	24499815	0.0239			
2	100	9.287	9.288	-0.001	12366428	0.0237			
						RPD = 1.19			
14 Endosulfan I									
1	100	7.751	7.751	0.000	22196668	0.0245			
2	100	9.355	9.352	0.003	11054234	0.0241			
						RPD = 1.70			
2 4,4'-DDE									
1	100	7.855	7.853	0.002	23524975	0.0243			
2	100	9.734	9.734	0.000	11923013	0.0240			
						RPD = 1.19			
13 Dieldrin									
1	100	8.316	8.315	0.001	24392312	0.0244			
2	100	9.881	9.881	0.000	12143127	0.0243			
						RPD = 0.70			
17 Endrin									
1	100	8.777	8.776	0.001	22144761	0.0238			
2	100	10.403	10.403	0.000	10784054	0.0235			
						RPD = 1.31			
1 4,4'-DDD									
1	100	9.143	9.145	-0.002	18044566	0.0241			
2	100	10.745	10.744	0.001	7980078	0.0229			
						RPD = 5.27			
15 Endosulfan II									
1	100	9.230	9.229	0.001	20343755	0.0242			
2	100	10.775	10.775	0.000	10497428	0.0246			
						RPD = 1.37			
3 4,4'-DDT									
1	100	9.671	9.671	0.000	17049960	0.0242			
2	100	11.225	11.224	0.001	7420868	0.0240			
						RPD = 1.19			
18 Endrin aldehyde									
1	100	10.035	10.035	0.000	15538115	0.0241			
2	100	11.340	11.341	-0.001	7696656	0.0238			
						RPD = 1.29			
27 Methoxychlor									
1	100	10.635	10.635	0.000	8559846	0.0242			
2	100	12.308	12.308	0.000	3695985	0.0240			
						RPD = 0.98			
16 Endosulfan sulfate									
1	100	10.767	10.767	0.000	19071042	0.0246			
2	100	11.760	11.759	0.001	9327300	0.0243			
						RPD = 1.26			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
19 Endrin ketone									
1	100	11.169	11.168	0.001	21149705	0.0235			
2	100	12.510	12.510	0.000	9923529	0.0231			
						RPD = 1.98			

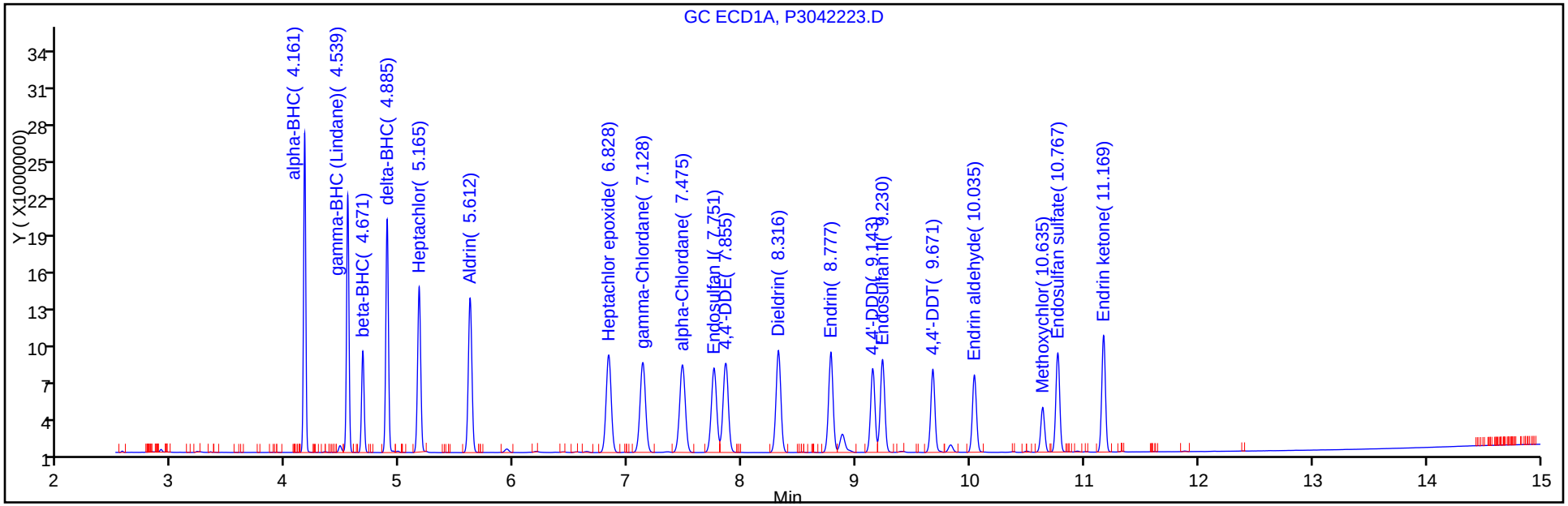
Report Date: 23-Apr-2013 11:40:42 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

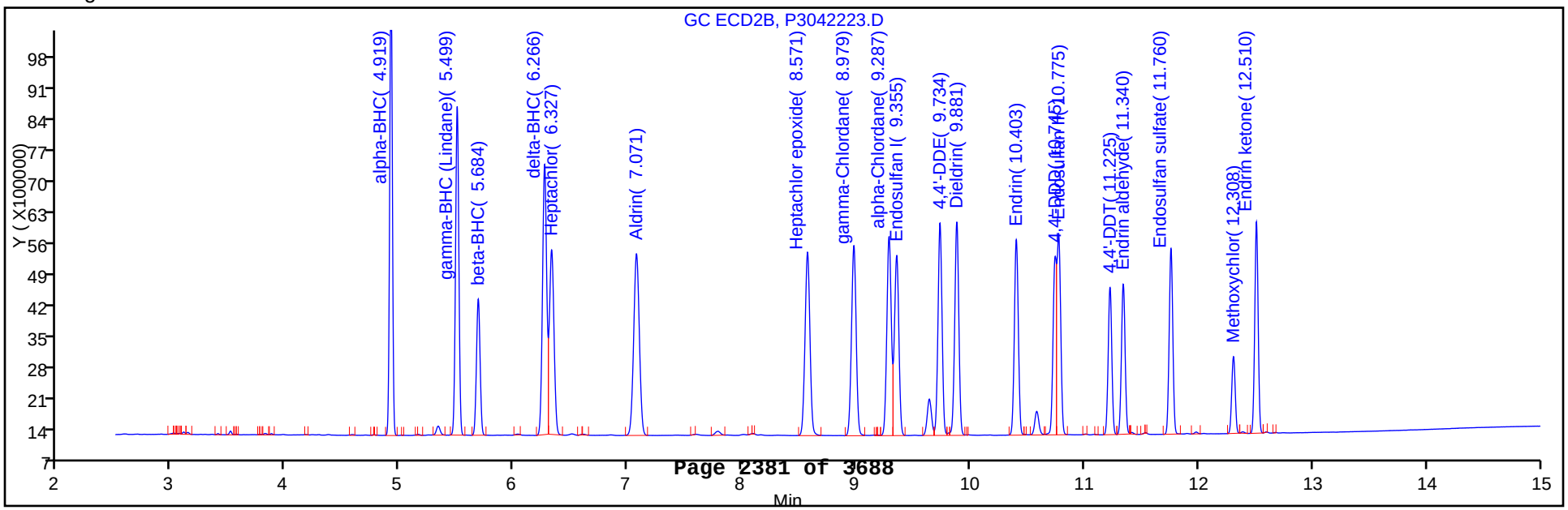
Data File: \\NCChrom\ChromData\A2HP3\20130422-19145.b\P3042223.D

Injection Date:	23-Apr-2013 00:55:21	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83061	Lims Sample ID:	23
Operator ID:	402582	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
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: ICV 240-83061/23 Calibration Date: 04/23/2013 00:55

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 22:54

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/23/2013 00:35

Lab File ID: P3042223.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	714126036	698782480		0.0245	0.0250	-2.1	20.0
gamma-BHC (Lindane)	Ave	626844478	605388720		0.0241	0.0250	-3.4	20.0
beta-BHC	Ave	278685187	274420960		0.0246	0.0250	-1.5	20.0
delta-BHC	Ave	649094974	631230160		0.0243	0.0250	-2.8	20.0
Heptachlor	Ave	494206075	463564120		0.0234	0.0250	-6.2	20.0
Aldrin	Ave	579038535	569185440		0.0246	0.0250	-1.7	20.0
Heptachlor epoxide	Ave	513668973	502397160		0.0245	0.0250	-2.2	20.0
gamma-Chlordane	Ave	508733248	493794440		0.0243	0.0250	-2.9	20.0
alpha-Chlordane	Ave	522623723	494657120		0.0237	0.0250	-5.4	20.0
Endosulfan I	Ave	459163342	442169360		0.0241	0.0250	-3.7	20.0
4,4'-DDE	Ave	496902560	476920520		0.0240	0.0250	-4.0	20.0
Dieldrin	Ave	500474757	485725080		0.0243	0.0250	-2.9	20.0
Endrin	Ave	458610093	431362160		0.0235	0.0250	-5.9	20.0
4,4'-DDD	Ave	348673589	319203120		0.0229	0.0250	-8.5	20.0
Endosulfan II	Ave	427445028	419897120		0.0246	0.0250	-1.8	20.0
4,4'-DDT	Ave	309716187	296834720		0.0240	0.0250	-4.2	20.0
Endrin aldehyde	Ave	323271966	307866240		0.0238	0.0250	-4.8	20.0
Endosulfan sulfate	Ave	384218328	373092000		0.0243	0.0250	-2.9	20.0
Methoxychlor	Ave	154205847	147839400		0.0240	0.0250	-4.1	20.0
Endrin ketone	Ave	429863795	396941160		0.0231	0.0250	-7.7	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: ICV 240-83061/23 Calibration Date: 04/23/2013 00:55

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 22:54

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/23/2013 00:35

Lab File ID: P3042223.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.92	4.89	4.95
gamma-BHC (Lindane)	5.50	5.47	5.53
beta-BHC	5.68	5.65	5.71
delta-BHC	6.27	6.24	6.30
Heptachlor	6.33	6.30	6.36
Aldrin	7.07	7.04	7.10
Heptachlor epoxide	8.57	8.54	8.60
gamma-Chlordane	8.98	8.95	9.01
alpha-Chlordane	9.29	9.26	9.32
Endosulfan I	9.36	9.32	9.38
4,4'-DDE	9.73	9.70	9.76
Dieldrin	9.88	9.85	9.91
Endrin	10.40	10.37	10.43
4,4'-DDD	10.75	10.71	10.77
Endosulfan II	10.78	10.75	10.81
4,4'-DDT	11.23	11.19	11.25
Endrin aldehyde	11.34	11.31	11.37
Endosulfan sulfate	11.76	11.73	11.79
Methoxychlor	12.31	12.28	12.34
Endrin ketone	12.51	12.48	12.54

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130422-19145.b\P3042223.D
Lims ID: ICV AB Client ID:
Inject. Date: 23-Apr-2013 00:55:21 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0019145-023
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 23
Lims Batch ID: 83061 Lims Sample ID: 23
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130422-19145.b\PEST3.m
Last Update: 23-Apr-2013 10:54:09 Calib Date: 23-Apr-2013 00:35:13
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130422-19145.b\P3042222.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 alpha-BHC									
1	100	4.161	4.161	0.000	34350179	0.0253			
2	100	4.919	4.918	0.001	17469562	0.0245			
						RPD = 3.25			
20 gamma-BHC (Lindane)									
1	100	4.539	4.539	0.000	30298802	0.0251			
2	100	5.499	5.498	0.001	15134718	0.0241			
						RPD = 3.76			
7 beta-BHC									
1	100	4.671	4.671	0.000	12862660	0.0248			
2	100	5.684	5.684	0.000	6860524	0.0246			
						RPD = 0.62			
11 delta-BHC									
1	100	4.885	4.884	0.001	30539009	0.0249			
2	100	6.266	6.265	0.001	15780754	0.0243			
						RPD = 2.57			
22 Heptachlor									
1	100	5.165	5.165	0.000	25111202	0.0243			
2	100	6.327	6.327	0.000	11589103	0.0234			
						RPD = 3.69			
4 Aldrin									
1	100	5.612	5.611	0.001	27506844	0.0253			
2	100	7.071	7.073	-0.002	14229636	0.0246			
						RPD = 2.83			
23 Heptachlor epoxide									
1	100	6.828	6.826	0.002	24582427	0.0248			
2	100	8.571	8.571	0.000	12559929	0.0245			
						RPD = 1.25			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
21 gamma-Chlordane									
1	100	7.128	7.125	0.003	24476047	0.0245			
2	100	8.979	8.977	0.002	12344861	0.0243			
						RPD = 0.98			
6 alpha-Chlordane									
1	100	7.475	7.474	0.001	24499815	0.0239			
2	100	9.287	9.288	-0.001	12366428	0.0237			
						RPD = 1.19			
14 Endosulfan I									
1	100	7.751	7.751	0.000	22196668	0.0245			
2	100	9.355	9.352	0.003	11054234	0.0241			
						RPD = 1.70			
2 4,4'-DDE									
1	100	7.855	7.853	0.002	23524975	0.0243			
2	100	9.734	9.734	0.000	11923013	0.0240			
						RPD = 1.19			
13 Dieldrin									
1	100	8.316	8.315	0.001	24392312	0.0244			
2	100	9.881	9.881	0.000	12143127	0.0243			
						RPD = 0.70			
17 Endrin									
1	100	8.777	8.776	0.001	22144761	0.0238			
2	100	10.403	10.403	0.000	10784054	0.0235			
						RPD = 1.31			
1 4,4'-DDD									
1	100	9.143	9.145	-0.002	18044566	0.0241			
2	100	10.745	10.744	0.001	7980078	0.0229			
						RPD = 5.27			
15 Endosulfan II									
1	100	9.230	9.229	0.001	20343755	0.0242			
2	100	10.775	10.775	0.000	10497428	0.0246			
						RPD = 1.37			
3 4,4'-DDT									
1	100	9.671	9.671	0.000	17049960	0.0242			
2	100	11.225	11.224	0.001	7420868	0.0240			
						RPD = 1.19			
18 Endrin aldehyde									
1	100	10.035	10.035	0.000	15538115	0.0241			
2	100	11.340	11.341	-0.001	7696656	0.0238			
						RPD = 1.29			
27 Methoxychlor									
1	100	10.635	10.635	0.000	8559846	0.0242			
2	100	12.308	12.308	0.000	3695985	0.0240			
						RPD = 0.98			
16 Endosulfan sulfate									
1	100	10.767	10.767	0.000	19071042	0.0246			
2	100	11.760	11.759	0.001	9327300	0.0243			
						RPD = 1.26			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
19 Endrin ketone									
1	100	11.169	11.168	0.001	21149705	0.0235			
2	100	12.510	12.510	0.000	9923529	0.0231			
						RPD = 1.98			

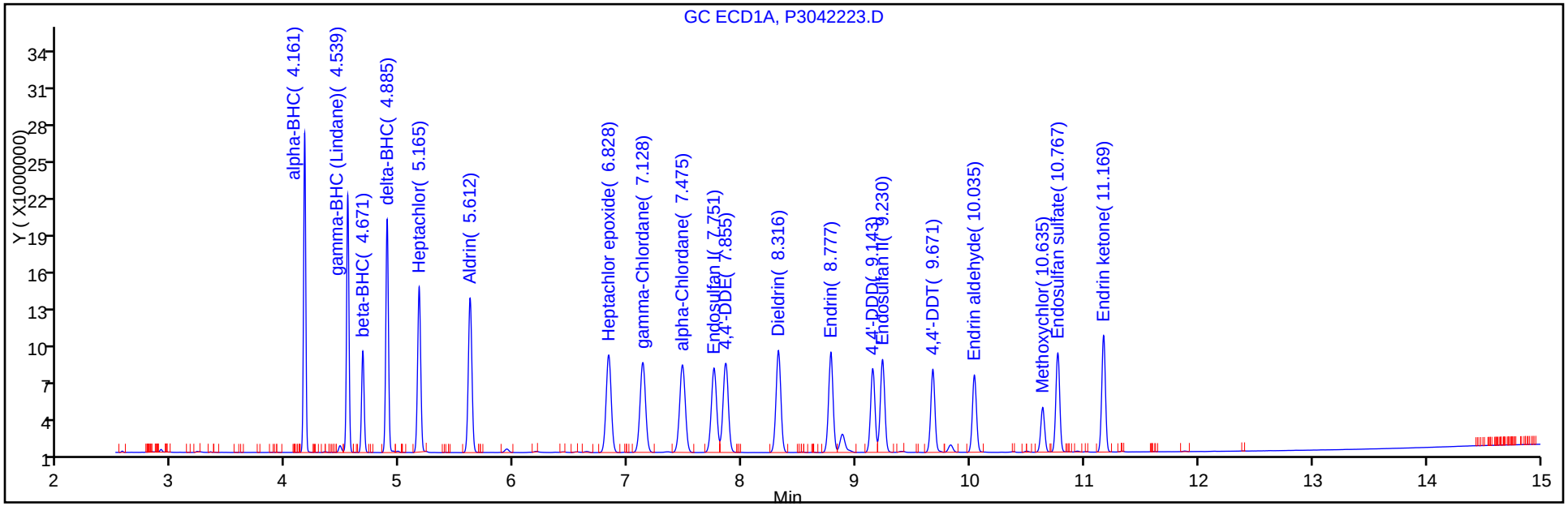
Report Date: 23-Apr-2013 11:40:42 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

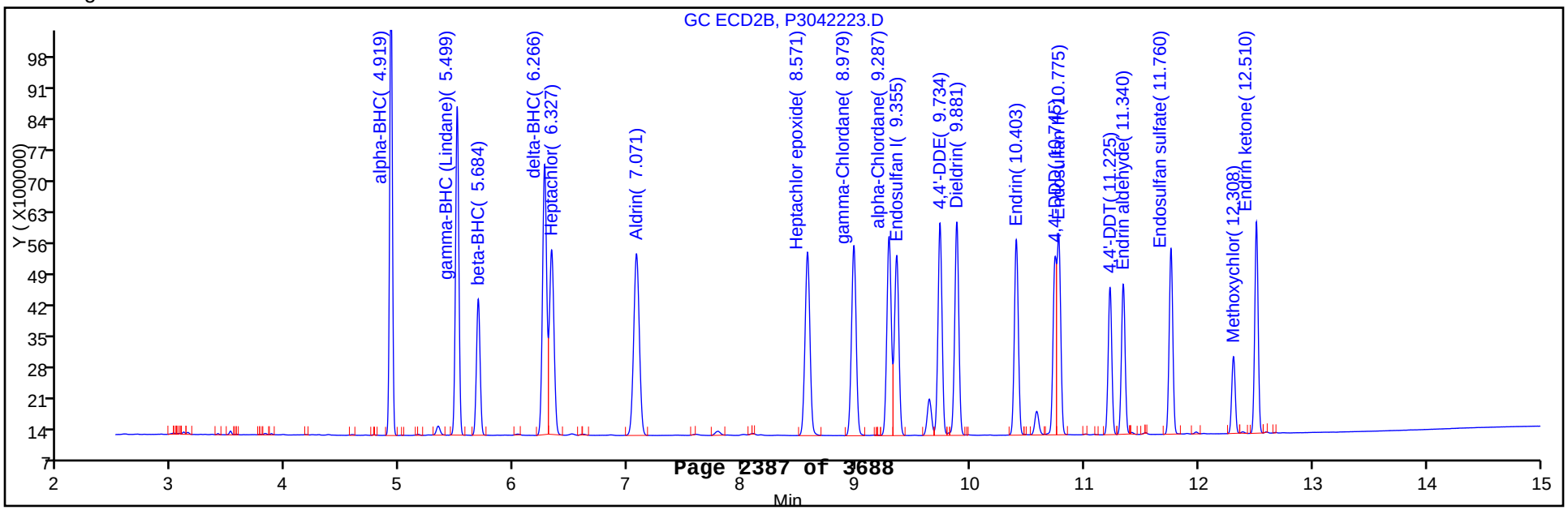
Data File: \\NCChrom\ChromData\A2HP3\20130422-19145.b\P3042223.D

Injection Date:	23-Apr-2013 00:55:21	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83061	Lims Sample ID:	23
Operator ID:	402582	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
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-83400/5 Calibration Date: 04/24/2013 11:29

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 22:54

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/23/2013 00:35

Lab File ID: P3042405.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1359242943	1413943960		0.0260	0.0250	4.0	20.0
gamma-BHC (Lindane)	Ave	1208604110	1245845440		0.0258	0.0250	3.1	20.0
beta-BHC	Ave	519268069	529497800		0.0255	0.0250	2.0	20.0
delta-BHC	Ave	1224286313	1242999880		0.0254	0.0250	1.5	20.0
Heptachlor	Ave	1032014038	1052520640		0.0255	0.0250	2.0	20.0
Aldrin	Ave	1088122939	1184004240		0.0272	0.0250	8.8	20.0
Heptachlor epoxide	Ave	992844247	1031107920		0.0260	0.0250	3.9	20.0
gamma-Chlordane	Ave	998864799	1033424800		0.0259	0.0250	3.5	20.0
alpha-Chlordane	Ave	1023188492	1074215640		0.0262	0.0250	5.0	20.0
Endosulfan I	Ave	906422798	947111280		0.0261	0.0250	4.5	20.0
4,4'-DDE	Ave	968863059	1082825080		0.0279	0.0250	11.8	20.0
Dieldrin	Ave	998340371	1043960720		0.0261	0.0250	4.6	20.0
Endrin	Ave	929514238	944353480		0.0254	0.0250	1.6	20.0
4,4'-DDD	Ave	747950398	823073320		0.0275	0.0250	10.0	20.0
Endosulfan II	Ave	839808708	907382680		0.0270	0.0250	8.0	20.0
4,4'-DDT	Ave	703196613	777269040		0.0276	0.0250	10.5	20.0
Endrin aldehyde	Ave	644279437	698807520		0.0271	0.0250	8.5	20.0
Methoxychlor	Ave	353664852	425426520		0.0301	0.0250	20.3*	20.0
Endosulfan sulfate	Ave	775754698	847499320		0.0273	0.0250	9.2	20.0
Endrin ketone	Ave	898237216	1022324000		0.0285	0.0250	13.8	20.0
Tetrachloro-m-xylene	Ave	882328290	969830760		0.0275	0.0250	9.9	20.0
DCB Decachlorobiphenyl	Ave	827157224	927393080		0.0280	0.0250	12.1	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-83400/5 Calibration Date: 04/24/2013 11:29

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 22:54

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/23/2013 00:35

Lab File ID: P3042405.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.16	4.13	4.19
gamma-BHC (Lindane)	4.54	4.51	4.57
beta-BHC	4.67	4.64	4.70
delta-BHC	4.88	4.85	4.91
Heptachlor	5.16	5.13	5.19
Aldrin	5.61	5.58	5.64
Heptachlor epoxide	6.82	6.79	6.85
gamma-Chlordane	7.12	7.09	7.15
alpha-Chlordane	7.47	7.44	7.50
Endosulfan I	7.74	7.71	7.77
4,4'-DDE	7.84	7.81	7.87
Dieldrin	8.31	8.28	8.34
Endrin	8.77	8.74	8.80
4,4'-DDD	9.14	9.11	9.17
Endosulfan II	9.22	9.19	9.25
4,4'-DDT	9.66	9.63	9.69
Endrin aldehyde	10.03	10.00	10.06
Methoxychlor	10.63	10.60	10.66
Endosulfan sulfate	10.76	10.73	10.79
Endrin ketone	11.16	11.13	11.19
Tetrachloro-m-xylene	3.47	3.44	3.50
DCB Decachlorobiphenyl	12.78	12.75	12.81

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042405.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 24-Apr-2013 11:29:12 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0019209-005
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 83400 Lims Sample ID: 5
Sublist: chrom-PEST3*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130424-19209.b\PEST3.m
Last Update: 25-Apr-2013 07:51:57 Calib Date: 23-Apr-2013 17:41:50
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130423-19186.b\P3042315.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.471	3.471	0.000	24245769	0.0275			
2	100	4.064	4.064	0.000	13100293	0.0273			
						RPD = 0.71			
5 alpha-BHC									
1	100	4.158	4.158	0.000	35348599	0.0260			
2	100	4.915	4.915	0.000	18154237	0.0254			
						RPD = 2.27			
20 gamma-BHC (Lindane)									
1	100	4.536	4.536	0.000	31146136	0.0258			
2	100	5.493	5.493	0.000	15799787	0.0252			
						RPD = 2.22			
7 beta-BHC									
1	100	4.667	4.667	0.000	13237445	0.0255			
2	100	5.678	5.678	0.000	7091259	0.0254			
						RPD = 0.18			
11 delta-BHC									
1	100	4.880	4.880	0.000	31074997	0.0254			
2	100	6.259	6.259	0.000	16178125	0.0249			
						RPD = 1.82			
22 Heptachlor									
1	100	5.161	5.161	0.000	26313016	0.0255			
2	100	6.321	6.321	0.000	12452575	0.0252			
						RPD = 1.18			
4 Aldrin									
1	100	5.607	5.607	0.000	29600106	0.0272			
2	100	7.065	7.065	0.000	15323614	0.0265			
						RPD = 2.75			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.819	6.819	0.000	25777698	0.0260			
2	100	8.565	8.565	0.000	13123419	0.0255			
						RPD = 1.61			
21 gamma-Chlordane									
1	100	7.118	7.118	0.000	25835620	0.0259			
2	100	8.972	8.972	0.000	13046500	0.0256			
						RPD = 0.85			
6 alpha-Chlordane									
1	100	7.467	7.467	0.000	26855391	0.0262			
2	100	9.280	9.280	0.000	13506686	0.0258			
						RPD = 1.55			
14 Endosulfan I									
1	100	7.744	7.744	0.000	23677782	0.0261			
2	100	9.347	9.347	0.000	11715915	0.0255			
						RPD = 2.35			
2 4,4'-DDE									
1	100	7.844	7.844	0.000	27070627	0.0279			
2	100	9.727	9.727	0.000	13504593	0.0272			
						RPD = 2.77			
13 Dieldrin									
1	100	8.307	8.307	0.000	26099018	0.0261			
2	100	9.873	9.873	0.000	12896793	0.0258			
						RPD = 1.44			
17 Endrin									
1	100	8.769	8.769	0.000	23608837	0.0254			
2	100	10.397	10.397	0.000	11648026	0.0254			
						RPD = 0.00			
1 4,4'-DDD									
1	100	9.136	9.136	0.000	20576833	0.0275			
2	100	10.737	10.737	0.000	9513991	0.0273			
						RPD = 0.82			
15 Endosulfan II									
1	100	9.222	9.222	0.000	22684567	0.0270			
2	100	10.767	10.767	0.000	11643544	0.0272			
						RPD = 0.84			
3 4,4'-DDT									
1	100	9.663	9.663	0.000	19431726	0.0276			
2	100	11.217	11.217	0.000	8626443	0.0279			
						RPD = 0.79			
18 Endrin aldehyde									
1	100	10.029	10.029	0.000	17470188	0.0271			
2	100	11.333	11.333	0.000	8672215	0.0268			
						RPD = 1.07			
27 Methoxychlor									
1	100	10.627	10.627	0.000	10635663	0.0301			
2	100	12.300	12.300	0.000	4766009	0.0309			
						RPD = 2.74			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.760	10.760	0.000	21187483	0.0273			
2	100	11.752	11.752	0.000	10507291	0.0273			
						RPD = 0.13			
19 Endrin ketone									
1	100	11.161	11.161	0.000	25558100	0.0285			
2	100	12.501	12.501	0.000	12219349	0.0284			
						RPD = 0.10			
$ 10 DCB Decachlorobiphenyl									
1	100	12.784	12.784	0.000	23184827	0.0280			
2	100	14.217	14.217	0.000	11921908	0.0276			
						RPD = 1.54			

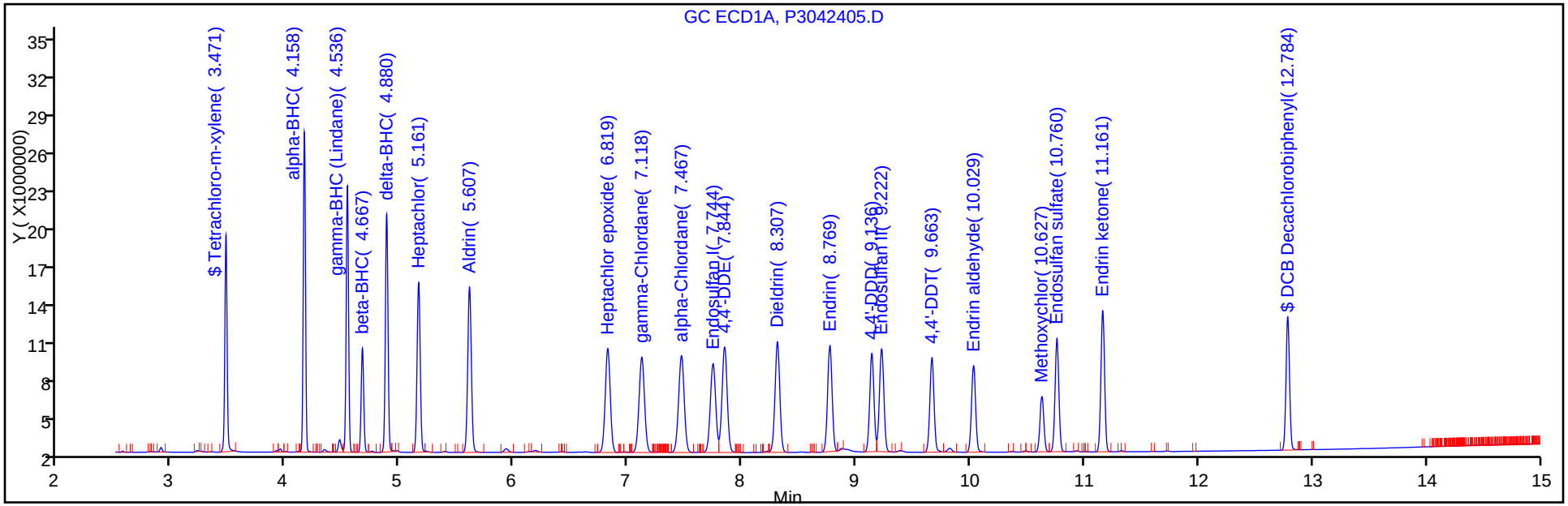
Report Date: 25-Apr-2013 07:51:57 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

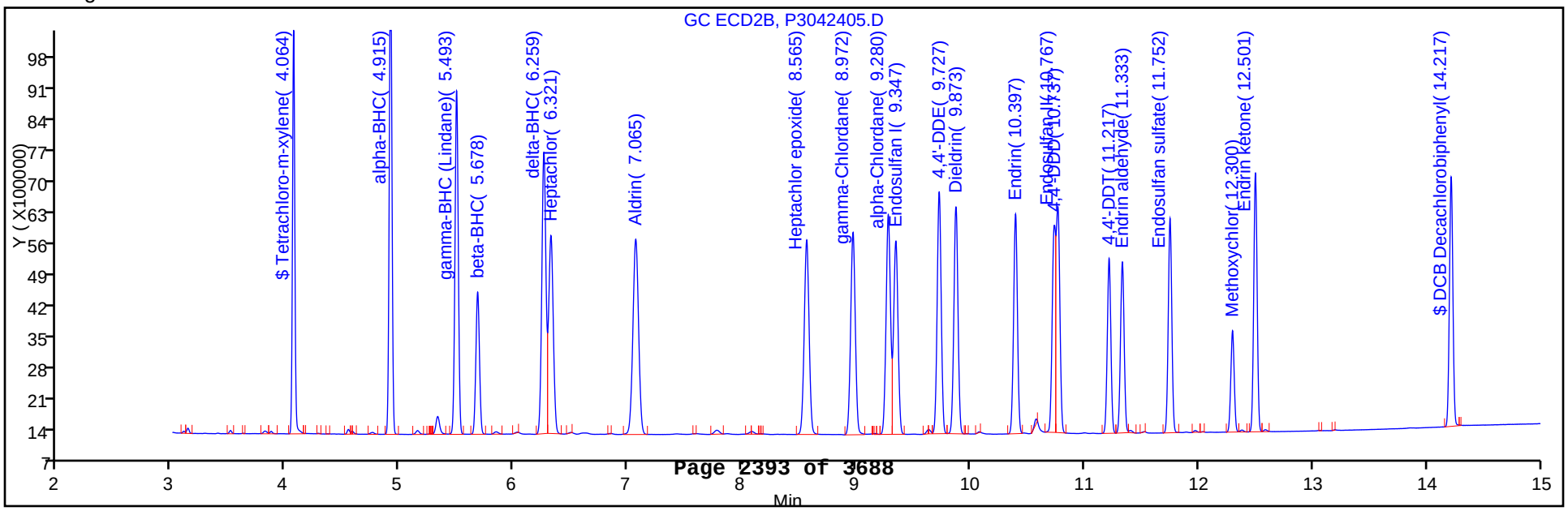
Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042405.D

Injection Date:	24-Apr-2013 11:29:12	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83400	Lims Sample ID:	5
Operator ID:	402582	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
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-83400/5 Calibration Date: 04/24/2013 11:29

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 22:54

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/23/2013 00:35

Lab File ID: P3042405.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	714126036	726169480		0.0254	0.0250	1.7	20.0
gamma-BHC (Lindane)	Ave	626844478	631991480		0.0252	0.0250	0.8	20.0
beta-BHC	Ave	278685187	283650360		0.0254	0.0250	1.8	20.0
delta-BHC	Ave	649094974	647125000		0.0249	0.0250	-0.3	20.0
Heptachlor	Ave	494206075	498103000		0.0252	0.0250	0.8	20.0
Aldrin	Ave	579038535	612944560		0.0265	0.0250	5.9	20.0
Heptachlor epoxide	Ave	513668973	524936760		0.0255	0.0250	2.2	20.0
gamma-Chlordane	Ave	508733248	521860000		0.0256	0.0250	2.6	20.0
alpha-Chlordane	Ave	522623723	540267440		0.0258	0.0250	3.4	20.0
Endosulfan I	Ave	459163342	468636600		0.0255	0.0250	2.1	20.0
4,4'-DDE	Ave	496902560	540183720		0.0272	0.0250	8.7	20.0
Dieldrin	Ave	500474757	515871720		0.0258	0.0250	3.1	20.0
Endrin	Ave	458610093	465921040		0.0254	0.0250	1.6	20.0
4,4'-DDD	Ave	348673589	380559640		0.0273	0.0250	9.1	20.0
Endosulfan II	Ave	427445028	465741760		0.0272	0.0250	9.0	20.0
4,4'-DDT	Ave	309716187	345057720		0.0279	0.0250	11.4	20.0
Endrin aldehyde	Ave	323271966	346888600		0.0268	0.0250	7.3	20.0
Endosulfan sulfate	Ave	384218328	420291640		0.0273	0.0250	9.4	20.0
Methoxychlor	Ave	154205847	190640360		0.0309	0.0250	23.6*	20.0
Endrin ketone	Ave	429863795	488773960		0.0284	0.0250	13.7	20.0
Tetrachloro-m-xylene	Ave	480112544	524011720		0.0273	0.0250	9.1	20.0
DCB Decachlorobiphenyl	Ave	431941305	476876320		0.0276	0.0250	10.4	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-83400/5 Calibration Date: 04/24/2013 11:29

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 22:54

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/23/2013 00:35

Lab File ID: P3042405.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.92	4.89	4.95
gamma-BHC (Lindane)	5.49	5.46	5.52
beta-BHC	5.68	5.65	5.71
delta-BHC	6.26	6.23	6.29
Heptachlor	6.32	6.29	6.35
Aldrin	7.07	7.04	7.10
Heptachlor epoxide	8.57	8.54	8.60
gamma-Chlordane	8.97	8.94	9.00
alpha-Chlordane	9.28	9.25	9.31
Endosulfan I	9.35	9.32	9.38
4,4'-DDE	9.73	9.70	9.76
Dieldrin	9.87	9.84	9.90
Endrin	10.40	10.37	10.43
4,4'-DDD	10.74	10.71	10.77
Endosulfan II	10.77	10.74	10.80
4,4'-DDT	11.22	11.19	11.25
Endrin aldehyde	11.33	11.30	11.36
Endosulfan sulfate	11.75	11.72	11.78
Methoxychlor	12.30	12.27	12.33
Endrin ketone	12.50	12.47	12.53
Tetrachloro-m-xylene	4.06	4.03	4.09
DCB Decachlorobiphenyl	14.22	14.19	14.25

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042405.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 24-Apr-2013 11:29:12 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0019209-005
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 83400 Lims Sample ID: 5
Sublist: chrom-PEST3*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130424-19209.b\PEST3.m
Last Update: 25-Apr-2013 07:51:57 Calib Date: 23-Apr-2013 17:41:50
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130423-19186.b\P3042315.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.471	3.471	0.000	24245769	0.0275			
2	100	4.064	4.064	0.000	13100293	0.0273			
						RPD = 0.71			
5 alpha-BHC									
1	100	4.158	4.158	0.000	35348599	0.0260			
2	100	4.915	4.915	0.000	18154237	0.0254			
						RPD = 2.27			
20 gamma-BHC (Lindane)									
1	100	4.536	4.536	0.000	31146136	0.0258			
2	100	5.493	5.493	0.000	15799787	0.0252			
						RPD = 2.22			
7 beta-BHC									
1	100	4.667	4.667	0.000	13237445	0.0255			
2	100	5.678	5.678	0.000	7091259	0.0254			
						RPD = 0.18			
11 delta-BHC									
1	100	4.880	4.880	0.000	31074997	0.0254			
2	100	6.259	6.259	0.000	16178125	0.0249			
						RPD = 1.82			
22 Heptachlor									
1	100	5.161	5.161	0.000	26313016	0.0255			
2	100	6.321	6.321	0.000	12452575	0.0252			
						RPD = 1.18			
4 Aldrin									
1	100	5.607	5.607	0.000	29600106	0.0272			
2	100	7.065	7.065	0.000	15323614	0.0265			
						RPD = 2.75			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.819	6.819	0.000	25777698	0.0260			
2	100	8.565	8.565	0.000	13123419	0.0255			
						RPD = 1.61			
21 gamma-Chlordane									
1	100	7.118	7.118	0.000	25835620	0.0259			
2	100	8.972	8.972	0.000	13046500	0.0256			
						RPD = 0.85			
6 alpha-Chlordane									
1	100	7.467	7.467	0.000	26855391	0.0262			
2	100	9.280	9.280	0.000	13506686	0.0258			
						RPD = 1.55			
14 Endosulfan I									
1	100	7.744	7.744	0.000	23677782	0.0261			
2	100	9.347	9.347	0.000	11715915	0.0255			
						RPD = 2.35			
2 4,4'-DDE									
1	100	7.844	7.844	0.000	27070627	0.0279			
2	100	9.727	9.727	0.000	13504593	0.0272			
						RPD = 2.77			
13 Dieldrin									
1	100	8.307	8.307	0.000	26099018	0.0261			
2	100	9.873	9.873	0.000	12896793	0.0258			
						RPD = 1.44			
17 Endrin									
1	100	8.769	8.769	0.000	23608837	0.0254			
2	100	10.397	10.397	0.000	11648026	0.0254			
						RPD = 0.00			
1 4,4'-DDD									
1	100	9.136	9.136	0.000	20576833	0.0275			
2	100	10.737	10.737	0.000	9513991	0.0273			
						RPD = 0.82			
15 Endosulfan II									
1	100	9.222	9.222	0.000	22684567	0.0270			
2	100	10.767	10.767	0.000	11643544	0.0272			
						RPD = 0.84			
3 4,4'-DDT									
1	100	9.663	9.663	0.000	19431726	0.0276			
2	100	11.217	11.217	0.000	8626443	0.0279			
						RPD = 0.79			
18 Endrin aldehyde									
1	100	10.029	10.029	0.000	17470188	0.0271			
2	100	11.333	11.333	0.000	8672215	0.0268			
						RPD = 1.07			
27 Methoxychlor									
1	100	10.627	10.627	0.000	10635663	0.0301			
2	100	12.300	12.300	0.000	4766009	0.0309			
						RPD = 2.74			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.760	10.760	0.000	21187483	0.0273			
2	100	11.752	11.752	0.000	10507291	0.0273			
						RPD = 0.13			
19 Endrin ketone									
1	100	11.161	11.161	0.000	25558100	0.0285			
2	100	12.501	12.501	0.000	12219349	0.0284			
						RPD = 0.10			
$ 10 DCB Decachlorobiphenyl									
1	100	12.784	12.784	0.000	23184827	0.0280			
2	100	14.217	14.217	0.000	11921908	0.0276			
						RPD = 1.54			

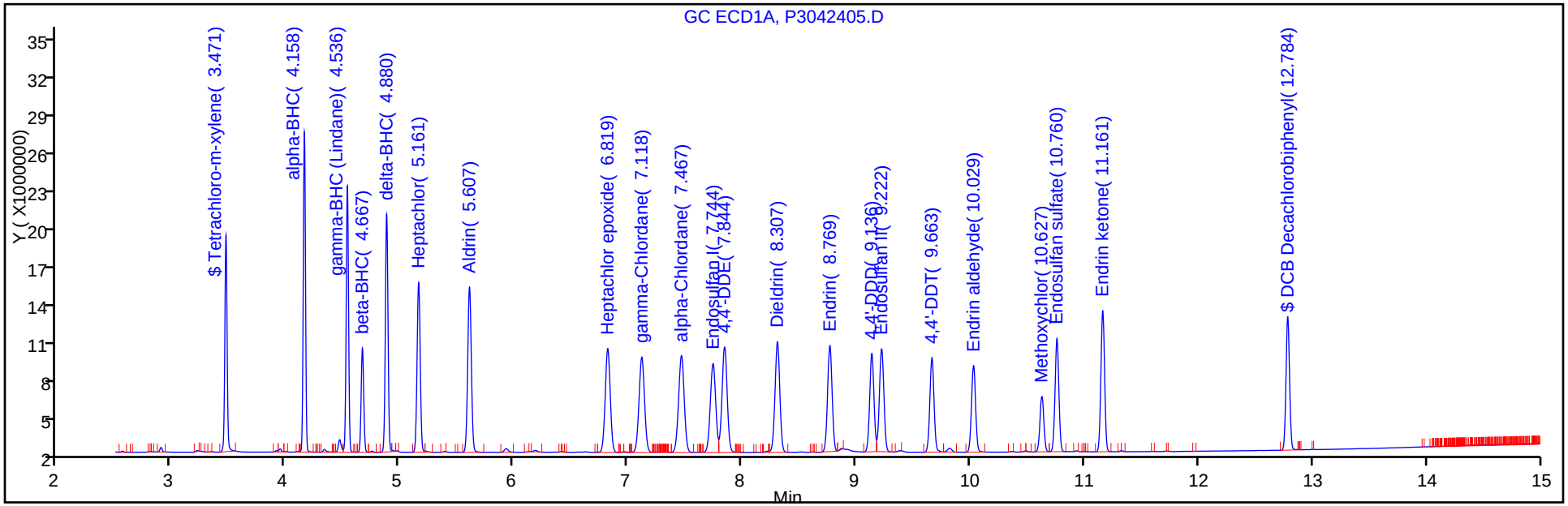
Report Date: 25-Apr-2013 07:51:57 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

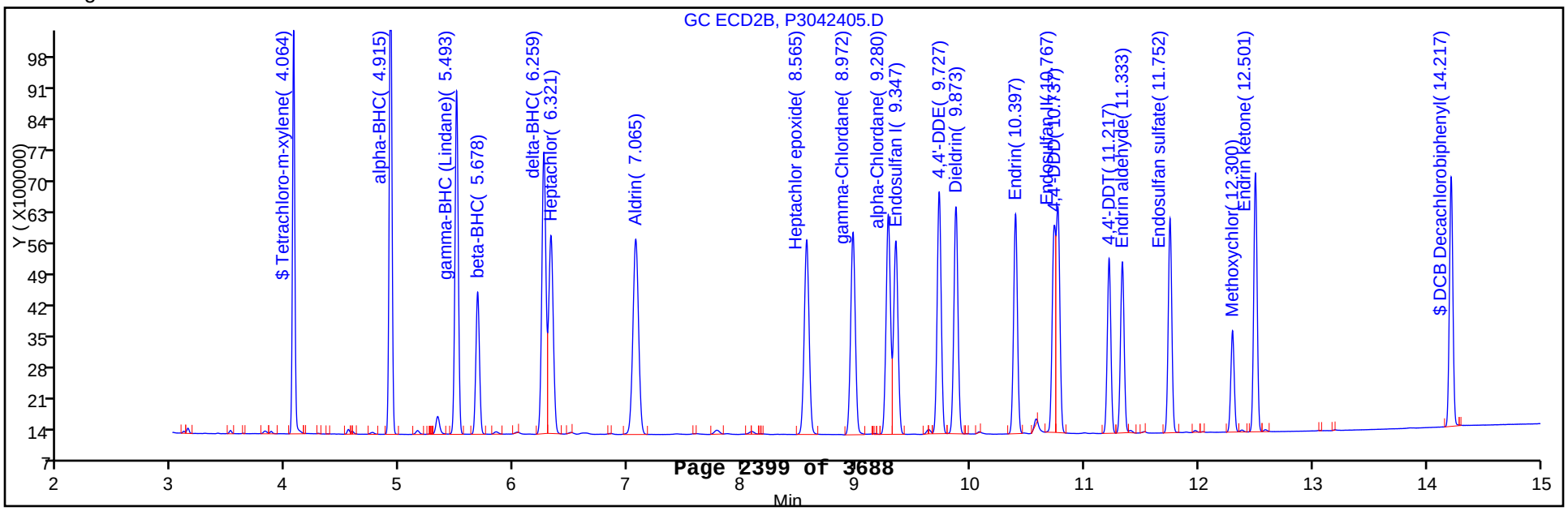
Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042405.D

Injection Date:	24-Apr-2013 11:29:12	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83400	Lims Sample ID:	5
Operator ID:	402582	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
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-83400/24 Calibration Date: 04/24/2013 17:52

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 22:54

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/23/2013 00:35

Lab File ID: P3042424.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1359242943	1583425240		0.0291	0.0250	16.5	20.0
gamma-BHC (Lindane)	Ave	1208604110	1366017000		0.0283	0.0250	13.0	20.0
beta-BHC	Ave	519268069	585440800		0.0282	0.0250	12.7	20.0
delta-BHC	Ave	1224286313	1354056840		0.0276	0.0250	10.6	20.0
Heptachlor	Ave	1032014038	1195781920		0.0290	0.0250	15.9	20.0
Aldrin	Ave	1088122939	1337946480		0.0307	0.0250	23.0*	20.0
Heptachlor epoxide	Ave	992844247	1178031040		0.0297	0.0250	18.7	20.0
gamma-Chlordane	Ave	998864799	1182217280		0.0296	0.0250	18.4	20.0
alpha-Chlordane	Ave	1023188492	1232363760		0.0301	0.0250	20.4*	20.0
Endosulfan I	Ave	906422798	1082112880		0.0298	0.0250	19.4	20.0
4,4'-DDE	Ave	968863059	1234525040		0.0319	0.0250	27.4*	20.0
Dieldrin	Ave	998340371	1209333520		0.0303	0.0250	21.1*	20.0
Endrin	Ave	929514238	1141722040		0.0307	0.0250	22.8*	20.0
4,4'-DDD	Ave	747950398	974140200		0.0326	0.0250	30.2*	20.0
Endosulfan II	Ave	839808708	1026939080		0.0306	0.0250	22.3*	20.0
4,4'-DDT	Ave	703196613	819277120		0.0291	0.0250	16.5	20.0
Endrin aldehyde	Ave	644279437	777584320		0.0302	0.0250	20.7*	20.0
Methoxychlor	Ave	353664852	458046320		0.0324	0.0250	29.5*	20.0
Endosulfan sulfate	Ave	775754698	925471400		0.0298	0.0250	19.3	20.0
Endrin ketone	Ave	898237216	1133159680		0.0315	0.0250	26.2*	20.0
Tetrachloro-m-xylene	Ave	882328290	1031857880		0.0292	0.0250	16.9	20.0
DCB Decachlorobiphenyl	Ave	827157224	949827320		0.0287	0.0250	14.8	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-83400/24 Calibration Date: 04/24/2013 17:52

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 22:54

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/23/2013 00:35

Lab File ID: P3042424.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.16	4.13	4.19
gamma-BHC (Lindane)	4.54	4.51	4.57
beta-BHC	4.67	4.64	4.70
delta-BHC	4.88	4.85	4.91
Heptachlor	5.16	5.13	5.19
Aldrin	5.61	5.58	5.64
Heptachlor epoxide	6.82	6.79	6.85
gamma-Chlordane	7.12	7.09	7.15
alpha-Chlordane	7.47	7.44	7.50
Endosulfan I	7.75	7.72	7.78
4,4'-DDE	7.85	7.82	7.88
Dieldrin	8.31	8.28	8.34
Endrin	8.77	8.74	8.80
4,4'-DDD	9.14	9.11	9.17
Endosulfan II	9.23	9.20	9.26
4,4'-DDT	9.67	9.64	9.70
Endrin aldehyde	10.03	10.00	10.06
Methoxychlor	10.63	10.60	10.66
Endosulfan sulfate	10.76	10.73	10.79
Endrin ketone	11.17	11.14	11.20
Tetrachloro-m-xylene	3.47	3.44	3.50
DCB Decachlorobiphenyl	12.79	12.76	12.82

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042424.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 24-Apr-2013 17:52:41 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0019209-005
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 24
Lims Batch ID: 83400 Lims Sample ID: 24
Sublist: chrom-PEST3*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130424-19209.b\PEST3.m
Last Update: 25-Apr-2013 07:51:37 Calib Date: 23-Apr-2013 17:41:50
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130423-19186.b\P3042315.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.471	3.471	0.000	25796447	0.0292			
2	100	4.064	4.064	0.000	13886038	0.0289			
						RPD = 1.08			
5 alpha-BHC									
1	100	4.159	4.159	0.000	39585631	0.0291			
2	100	4.915	4.915	0.000	20675841	0.0290			
						RPD = 0.59			
20 gamma-BHC (Lindane)									
1	100	4.537	4.537	0.000	34150425	0.0283			
2	100	5.494	5.494	0.000	17692215	0.0282			
						RPD = 0.11			
7 beta-BHC									
1	100	4.669	4.669	0.000	14636020	0.0282			
2	100	5.679	5.679	0.000	7862305	0.0282			
						RPD = 0.09			
11 delta-BHC									
1	100	4.882	4.882	0.000	33851421	0.0276			
2	100	6.259	6.259	0.000	17871261	0.0275			
						RPD = 0.43			
22 Heptachlor									
1	100	5.163	5.163	0.000	29894548	0.0290			
2	100	6.322	6.322	0.000	14306619	0.0289			
						RPD = 0.06			
4 Aldrin									
1	100	5.609	5.609	0.000	33448662	0.0307			
2	100	7.064	7.064	0.000	17419264	0.0301			
						RPD = 2.16			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.822	6.822	0.000	29450776	0.0297			
2	100	8.565	8.565	0.000	15210276	0.0296			
						RPD = 0.18			
21 gamma-Chlordane									
1	100	7.121	7.121	0.000	29555432	0.0296			
2	100	8.970	8.970	0.000	15173207	0.0298			
						RPD = 0.80			
6 alpha-Chlordane									
1	100	7.470	7.470	0.000	30809094	0.0301			
2	100	9.280	9.280	0.000	15541067	0.0297			
						RPD = 1.25			
14 Endosulfan I									
1	100	7.746	7.746	0.000	27052822	0.0298			
2	100	9.346	9.346	0.000	13628294	0.0297			
						RPD = 0.55			
2 4,4'-DDE									
1	100	7.850	7.850	0.000	30863126	0.0319			
2	100	9.727	9.727	0.000	15425529	0.0310			
						RPD = 2.58			
13 Dieldrin									
1	100	8.310	8.310	0.000	30233338	0.0303			
2	100	9.874	9.874	0.000	15021787	0.0300			
						RPD = 0.89			
17 Endrin									
1	100	8.771	8.771	0.000	28543051	0.0307			
2	100	10.396	10.396	0.000	13924927	0.0304			
						RPD = 1.13			
1 4,4'-DDD									
1	100	9.139	9.139	0.000	24353505	0.0326			
2	100	10.736	10.736	0.000	12132514	0.0348			
						RPD = 6.64			
15 Endosulfan II									
1	100	9.225	9.225	0.000	25673477	0.0306			
2	100	10.766	10.766	0.000	12829216	0.0300			
						RPD = 1.84			
3 4,4'-DDT									
1	100	9.668	9.668	0.000	20481928	0.0291			
2	100	11.217	11.217	0.000	9075975	0.0293			
						RPD = 0.61			
18 Endrin aldehyde									
1	100	10.030	10.030	0.000	19439608	0.0302			
2	100	11.333	11.333	0.000	9638828	0.0298			
						RPD = 1.19			
27 Methoxychlor									
1	100	10.630	10.630	0.000	11451158	0.0324			
2	100	12.299	12.299	0.000	5057543	0.0328			
						RPD = 1.29			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.763	10.763	0.000	23136785	0.0298			
2	100	11.752	11.752	0.000	11654425	0.0303			
						RPD = 1.69			
19 Endrin ketone									
1	100	11.165	11.165	0.000	28328992	0.0315			
2	100	12.501	12.501	0.000	13547244	0.0315			
						RPD = 0.07			
$ 10 DCB Decachlorobiphenyl									
1	100	12.787	12.787	0.000	23745683	0.0287			
2	100	14.217	14.217	0.000	12282007	0.0284			
						RPD = 0.96			

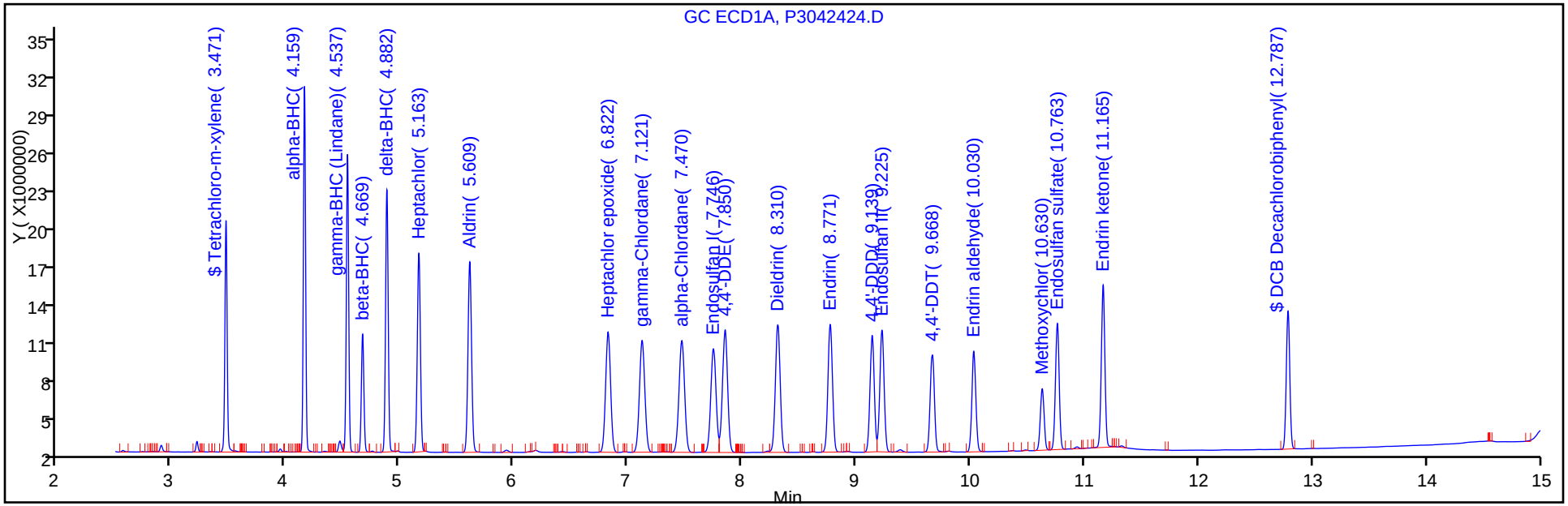
Report Date: 25-Apr-2013 07:51:38 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

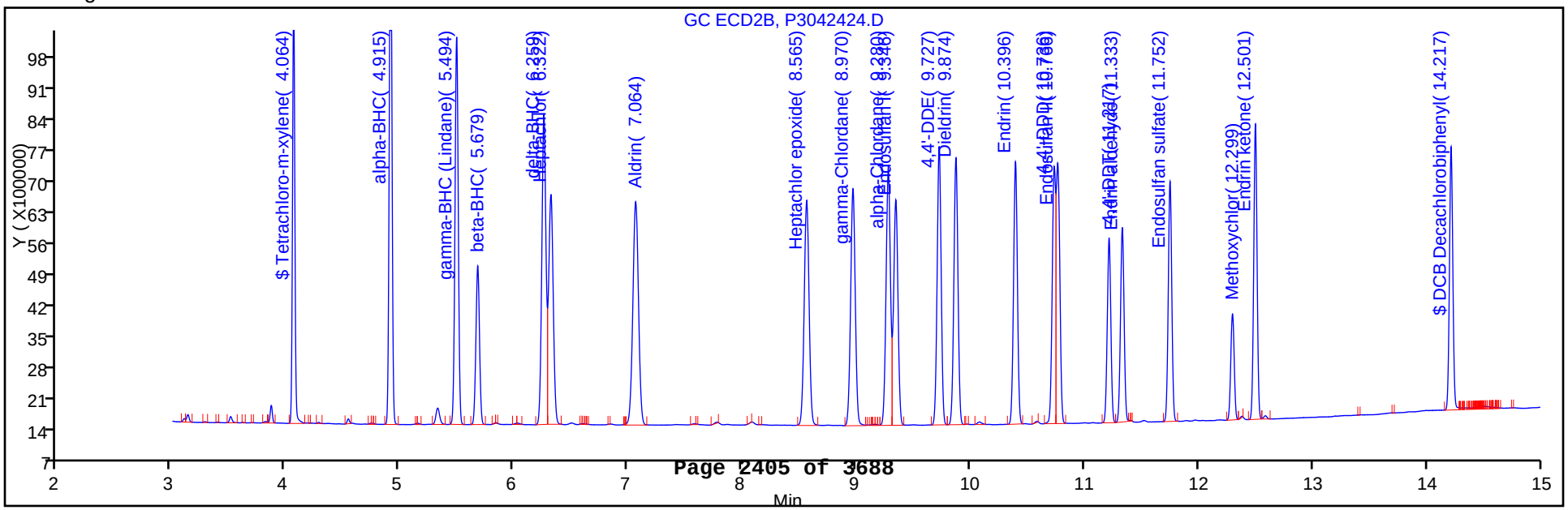
Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042424.D

Injection Date:	24-Apr-2013 17:52:41	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83400	Lims Sample ID:	24
Operator ID:	402582	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
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-83400/24 Calibration Date: 04/24/2013 17:52

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 22:54

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/23/2013 00:35

Lab File ID: P3042424.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	714126036	827033640		0.0290	0.0250	15.8	20.0
gamma-BHC (Lindane)	Ave	626844478	707688600		0.0282	0.0250	12.9	20.0
beta-BHC	Ave	278685187	314492200		0.0282	0.0250	12.8	20.0
delta-BHC	Ave	649094974	714850440		0.0275	0.0250	10.1	20.0
Heptachlor	Ave	494206075	572264760		0.0289	0.0250	15.8	20.0
Aldrin	Ave	579038535	696770560		0.0301	0.0250	20.3*	20.0
Heptachlor epoxide	Ave	513668973	608411040		0.0296	0.0250	18.4	20.0
gamma-Chlordane	Ave	508733248	606928280		0.0298	0.0250	19.3	20.0
alpha-Chlordane	Ave	522623723	621642680		0.0297	0.0250	18.9	20.0
Endosulfan I	Ave	459163342	545131760		0.0297	0.0250	18.7	20.0
4,4'-DDE	Ave	496902560	617021160		0.0310	0.0250	24.2*	20.0
Dieldrin	Ave	500474757	600871480		0.0300	0.0250	20.1*	20.0
Endrin	Ave	458610093	556997080		0.0304	0.0250	21.5*	20.0
4,4'-DDD	Ave	348673589	485300560		0.0348	0.0250	39.2*	20.0
Endosulfan II	Ave	427445028	513168640		0.0300	0.0250	20.1*	20.0
4,4'-DDT	Ave	309716187	363039000		0.0293	0.0250	17.2	20.0
Endrin aldehyde	Ave	323271966	385553120		0.0298	0.0250	19.3	20.0
Endosulfan sulfate	Ave	384218328	466177000		0.0303	0.0250	21.3*	20.0
Methoxychlor	Ave	154205847	202301720		0.0328	0.0250	31.2*	20.0
Endrin ketone	Ave	429863795	541889760		0.0315	0.0250	26.1*	20.0
Tetrachloro-m-xylene	Ave	480112544	555441520		0.0289	0.0250	15.7	20.0
DCB Decachlorobiphenyl	Ave	431941305	491280280		0.0284	0.0250	13.7	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-83400/24 Calibration Date: 04/24/2013 17:52

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 22:54

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/23/2013 00:35

Lab File ID: P3042424.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.92	4.89	4.95
gamma-BHC (Lindane)	5.49	5.46	5.52
beta-BHC	5.68	5.65	5.71
delta-BHC	6.26	6.23	6.29
Heptachlor	6.32	6.29	6.35
Aldrin	7.06	7.03	7.09
Heptachlor epoxide	8.57	8.54	8.60
gamma-Chlordane	8.97	8.94	9.00
alpha-Chlordane	9.28	9.25	9.31
Endosulfan I	9.35	9.32	9.38
4,4'-DDE	9.73	9.70	9.76
Dieldrin	9.87	9.84	9.90
Endrin	10.40	10.37	10.43
4,4'-DDD	10.74	10.71	10.77
Endosulfan II	10.77	10.74	10.80
4,4'-DDT	11.22	11.19	11.25
Endrin aldehyde	11.33	11.30	11.36
Endosulfan sulfate	11.75	11.72	11.78
Methoxychlor	12.30	12.27	12.33
Endrin ketone	12.50	12.47	12.53
Tetrachloro-m-xylene	4.06	4.03	4.09
DCB Decachlorobiphenyl	14.22	14.19	14.25

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042424.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 24-Apr-2013 17:52:41 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0019209-005
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 24
Lims Batch ID: 83400 Lims Sample ID: 24
Sublist: chrom-PEST3*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130424-19209.b\PEST3.m
Last Update: 25-Apr-2013 07:51:37 Calib Date: 23-Apr-2013 17:41:50
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130423-19186.b\P3042315.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.471	3.471	0.000	25796447	0.0292			
2	100	4.064	4.064	0.000	13886038	0.0289			
						RPD = 1.08			
5 alpha-BHC									
1	100	4.159	4.159	0.000	39585631	0.0291			
2	100	4.915	4.915	0.000	20675841	0.0290			
						RPD = 0.59			
20 gamma-BHC (Lindane)									
1	100	4.537	4.537	0.000	34150425	0.0283			
2	100	5.494	5.494	0.000	17692215	0.0282			
						RPD = 0.11			
7 beta-BHC									
1	100	4.669	4.669	0.000	14636020	0.0282			
2	100	5.679	5.679	0.000	7862305	0.0282			
						RPD = 0.09			
11 delta-BHC									
1	100	4.882	4.882	0.000	33851421	0.0276			
2	100	6.259	6.259	0.000	17871261	0.0275			
						RPD = 0.43			
22 Heptachlor									
1	100	5.163	5.163	0.000	29894548	0.0290			
2	100	6.322	6.322	0.000	14306619	0.0289			
						RPD = 0.06			
4 Aldrin									
1	100	5.609	5.609	0.000	33448662	0.0307			
2	100	7.064	7.064	0.000	17419264	0.0301			
						RPD = 2.16			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.822	6.822	0.000	29450776	0.0297			
2	100	8.565	8.565	0.000	15210276	0.0296			
						RPD = 0.18			
21 gamma-Chlordane									
1	100	7.121	7.121	0.000	29555432	0.0296			
2	100	8.970	8.970	0.000	15173207	0.0298			
						RPD = 0.80			
6 alpha-Chlordane									
1	100	7.470	7.470	0.000	30809094	0.0301			
2	100	9.280	9.280	0.000	15541067	0.0297			
						RPD = 1.25			
14 Endosulfan I									
1	100	7.746	7.746	0.000	27052822	0.0298			
2	100	9.346	9.346	0.000	13628294	0.0297			
						RPD = 0.55			
2 4,4'-DDE									
1	100	7.850	7.850	0.000	30863126	0.0319			
2	100	9.727	9.727	0.000	15425529	0.0310			
						RPD = 2.58			
13 Dieldrin									
1	100	8.310	8.310	0.000	30233338	0.0303			
2	100	9.874	9.874	0.000	15021787	0.0300			
						RPD = 0.89			
17 Endrin									
1	100	8.771	8.771	0.000	28543051	0.0307			
2	100	10.396	10.396	0.000	13924927	0.0304			
						RPD = 1.13			
1 4,4'-DDD									
1	100	9.139	9.139	0.000	24353505	0.0326			
2	100	10.736	10.736	0.000	12132514	0.0348			
						RPD = 6.64			
15 Endosulfan II									
1	100	9.225	9.225	0.000	25673477	0.0306			
2	100	10.766	10.766	0.000	12829216	0.0300			
						RPD = 1.84			
3 4,4'-DDT									
1	100	9.668	9.668	0.000	20481928	0.0291			
2	100	11.217	11.217	0.000	9075975	0.0293			
						RPD = 0.61			
18 Endrin aldehyde									
1	100	10.030	10.030	0.000	19439608	0.0302			
2	100	11.333	11.333	0.000	9638828	0.0298			
						RPD = 1.19			
27 Methoxychlor									
1	100	10.630	10.630	0.000	11451158	0.0324			
2	100	12.299	12.299	0.000	5057543	0.0328			
						RPD = 1.29			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.763	10.763	0.000	23136785	0.0298			
2	100	11.752	11.752	0.000	11654425	0.0303			
						RPD = 1.69			
19 Endrin ketone									
1	100	11.165	11.165	0.000	28328992	0.0315			
2	100	12.501	12.501	0.000	13547244	0.0315			
						RPD = 0.07			
$ 10 DCB Decachlorobiphenyl									
1	100	12.787	12.787	0.000	23745683	0.0287			
2	100	14.217	14.217	0.000	12282007	0.0284			
						RPD = 0.96			

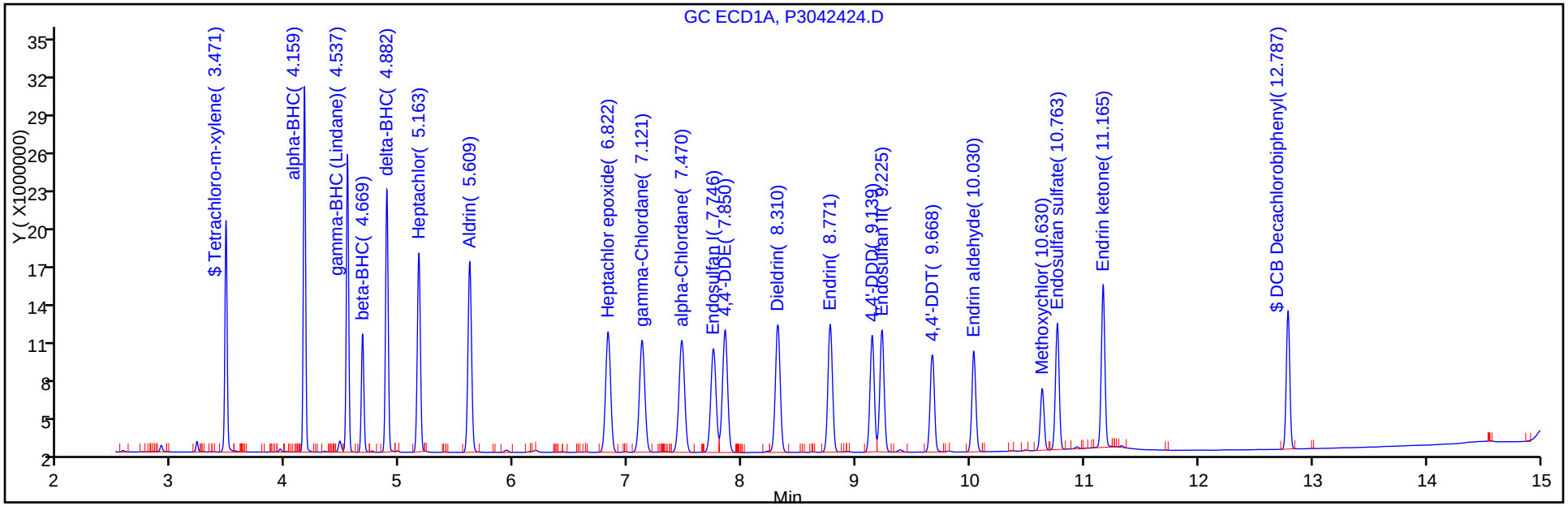
Report Date: 25-Apr-2013 07:51:38 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

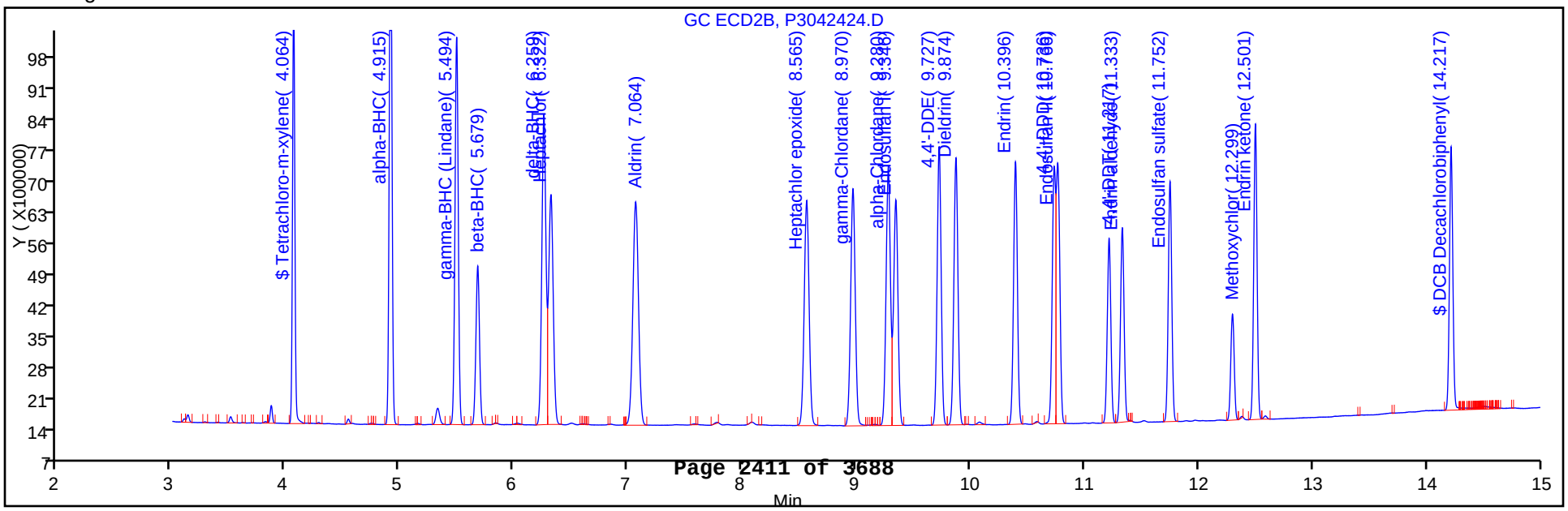
Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042424.D

Injection Date:	24-Apr-2013 17:52:41	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83400	Lims Sample ID:	24
Operator ID:	402582	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
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-83400/25 Calibration Date: 04/24/2013 18:12

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 18:52

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/22/2013 20:13

Lab File ID: P3042425.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	38294747	39882930		1.04	1.00	4.1	20.0
Toxaphene Peak 2	Ave	36690952	39985314		1.09	1.00	9.0	20.0
Toxaphene Peak 3	Ave	28834208	30286180		1.05	1.00	5.0	20.0
Toxaphene Peak 4	Ave	23017922	27819490		1.21	1.00	20.9*	20.0
Toxaphene Peak 5	Ave	18081479	15013011		0.830	1.00	-17.0	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-83400/25 Calibration Date: 04/24/2013 18:12

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 18:52

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/22/2013 20:13

Lab File ID: P3042425.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	10.22	10.19	10.25
Toxaphene Peak 2	10.57	10.54	10.60
Toxaphene Peak 3	10.72	10.69	10.75
Toxaphene Peak 4	11.13	11.10	11.16
Toxaphene Peak 5	11.40	11.37	11.43

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042425.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 24-Apr-2013 18:12:50 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0019209-006
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 25
Lims Batch ID: 83400 Lims Sample ID: 25
Sublist: chrom-PEST3*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130424-19209.b\PEST3.m
Last Update: 25-Apr-2013 07:51:35 Calib Date: 23-Apr-2013 17:41:50
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130423-19186.b\P3042315.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: shockr Date: 25-Apr-2013 07:12:36

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	1	10.218	10.218	0.000	39882930	1.04		100.0	
1	2	10.565	10.565	0.000	39985314	1.09	77.7- 117.7	100.3	
1	3	10.717	10.717	0.000	30286180	1.05	57.0- 97.0	75.9	
1	4	11.134	11.134	0.000	27819490	1.21	39.5- 79.5	69.8	
1	5	11.404	11.404	0.000	15013011	0.8303	26.4- 66.4	37.6	
			Average of Peak Amounts =			1.04			
2	100	10.320	10.320	0.000	17901309	1.20		100.0	M
2	2	10.915	10.915	0.000	22794884	1.24	102.8- 142.8	127.3	M
2	3	11.336	11.336	0.000	24698521	1.15	124.4- 164.4	138.0	M
2	4	12.077	12.077	0.000	25721504	1.07	139.5- 179.5	143.7	M
2	5	12.638	12.638	0.000	9622267	1.00	45.4- 85.4	53.8	M
			Average of Peak Amounts =			1.13			
						RPD = 8.09			

QC Flag Legend

Review Flags
M - Manually Integrated

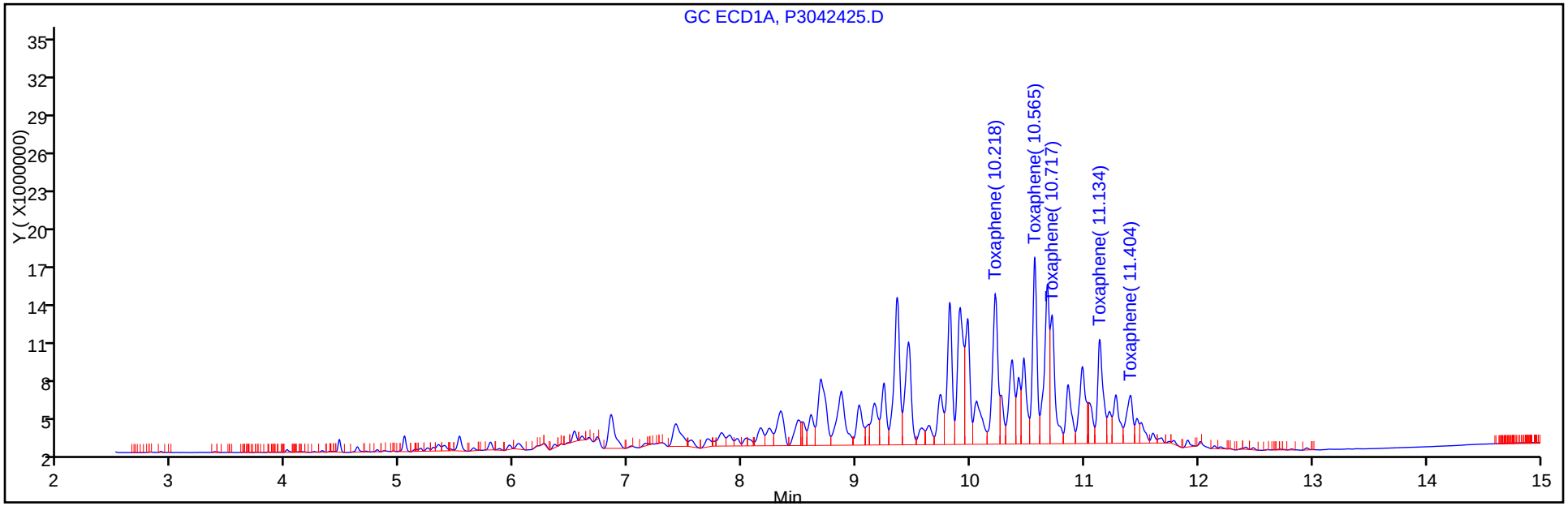
Report Date: 25-Apr-2013 07:51:36 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

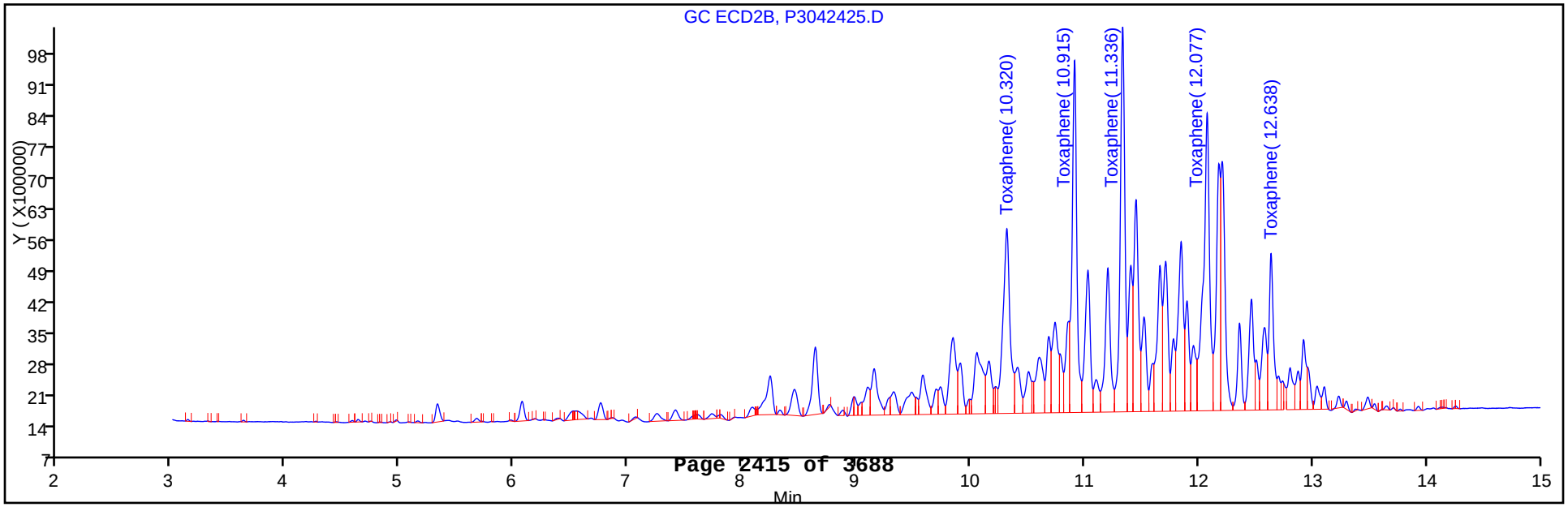
Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042425.D

Injection Date:	24-Apr-2013 18:12:50	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83400	Lims Sample ID:	25
Operator ID:	402582	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
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-83400/25 Calibration Date: 04/24/2013 18:12

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 18:52

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/22/2013 20:13

Lab File ID: P3042425.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	14975845	17901309		1.20	1.00	19.5	20.0
Toxaphene Peak 2	Ave	18337483	22794884		1.24	1.00	24.3*	20.0
Toxaphene Peak 3	Ave	21437307	24698521		1.15	1.00	15.2	20.0
Toxaphene Peak 4	Ave	24002348	25721504		1.07	1.00	7.2	20.0
Toxaphene Peak 5	Ave	9638555	9622267		0.998	1.00	-0.2	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-83400/25 Calibration Date: 04/24/2013 18:12

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 18:52

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/22/2013 20:13

Lab File ID: P3042425.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	10.32	10.29	10.35
Toxaphene Peak 2	10.92	10.89	10.95
Toxaphene Peak 3	11.34	11.31	11.37
Toxaphene Peak 4	12.08	12.05	12.11
Toxaphene Peak 5	12.64	12.61	12.67

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042425.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 24-Apr-2013 18:12:50 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0019209-006
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 25
Lims Batch ID: 83400 Lims Sample ID: 25
Sublist: chrom-PEST3*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130424-19209.b\PEST3.m
Last Update: 25-Apr-2013 07:51:35 Calib Date: 23-Apr-2013 17:41:50
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130423-19186.b\P3042315.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: shockr Date: 25-Apr-2013 07:12:36

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	1	10.218	10.218	0.000	39882930	1.04		100.0	
1	2	10.565	10.565	0.000	39985314	1.09	77.7- 117.7	100.3	
1	3	10.717	10.717	0.000	30286180	1.05	57.0- 97.0	75.9	
1	4	11.134	11.134	0.000	27819490	1.21	39.5- 79.5	69.8	
1	5	11.404	11.404	0.000	15013011	0.8303	26.4- 66.4	37.6	
			Average of Peak Amounts =			1.04			
2	100	10.320	10.320	0.000	17901309	1.20		100.0	M
2	2	10.915	10.915	0.000	22794884	1.24	102.8- 142.8	127.3	M
2	3	11.336	11.336	0.000	24698521	1.15	124.4- 164.4	138.0	M
2	4	12.077	12.077	0.000	25721504	1.07	139.5- 179.5	143.7	M
2	5	12.638	12.638	0.000	9622267	1.00	45.4- 85.4	53.8	M
			Average of Peak Amounts =			1.13			
						RPD = 8.09			

QC Flag Legend

Review Flags
M - Manually Integrated

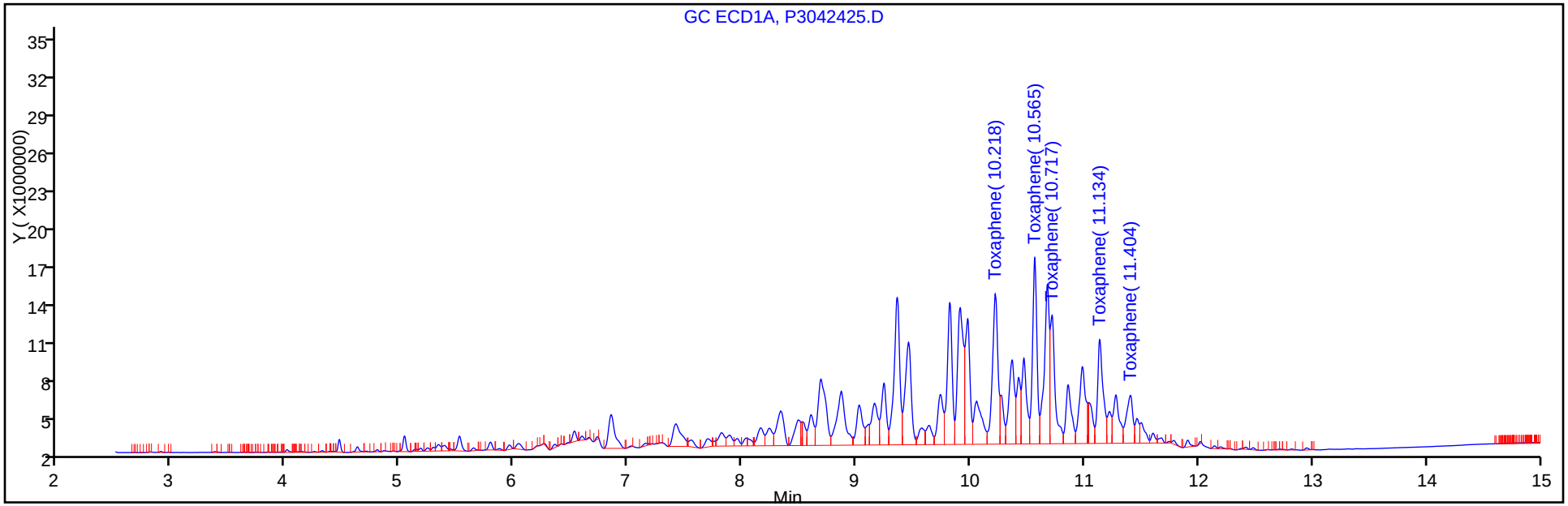
Report Date: 25-Apr-2013 07:51:37 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

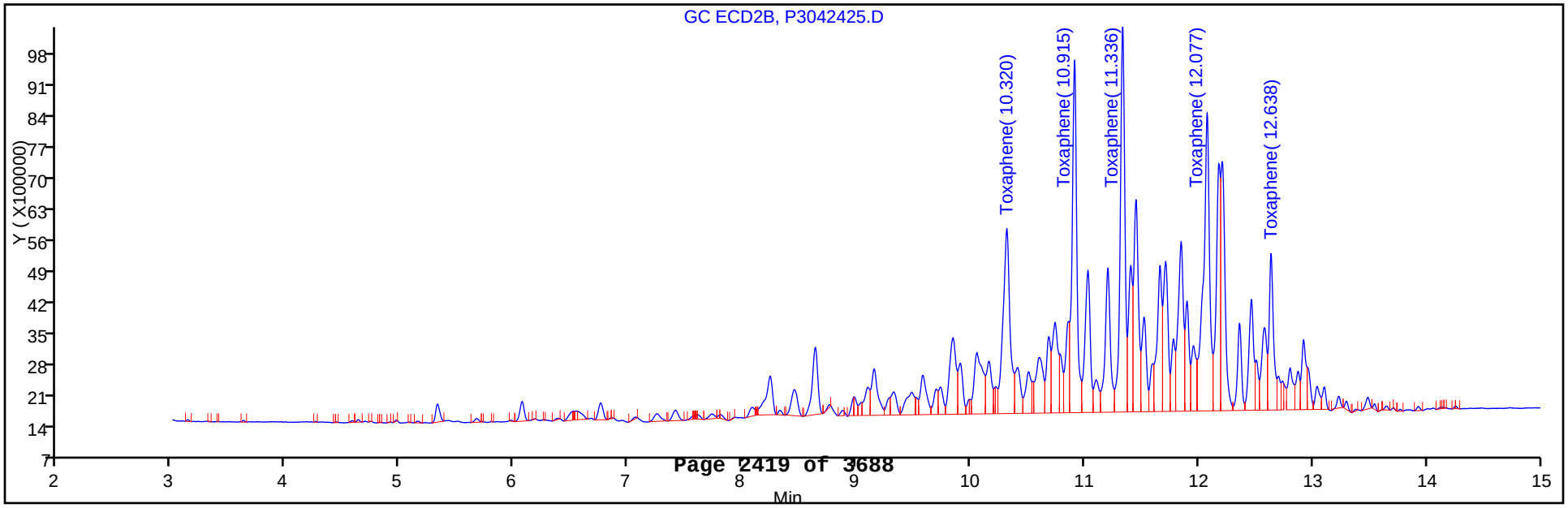
Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042425.D

Injection Date:	24-Apr-2013 18:12:50	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83400	Lims Sample ID:	25
Operator ID:	402582	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



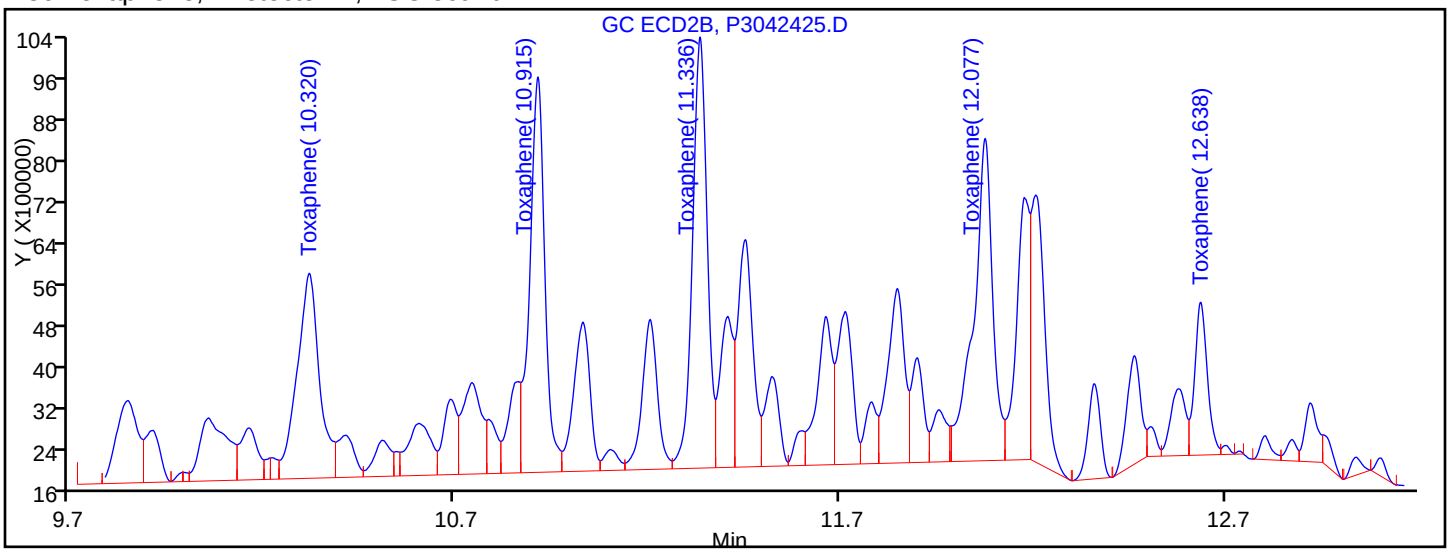
Report Date: 25-Apr-2013 07:51:37 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042425.D

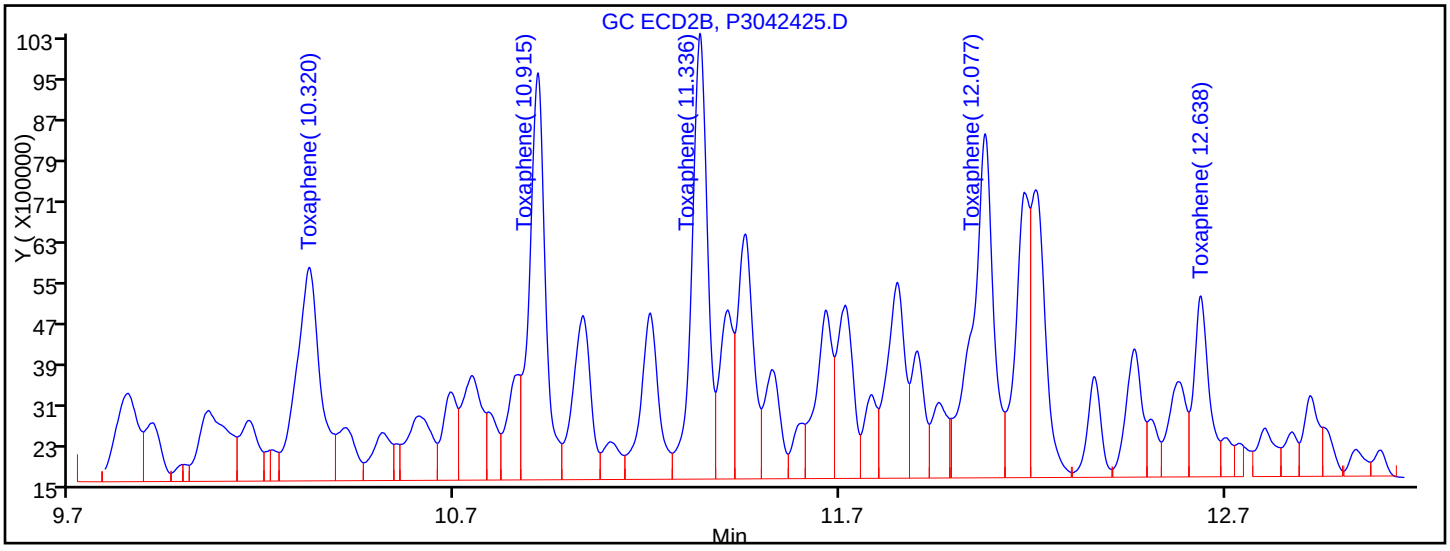
Injection Date:	24-Apr-2013 18:12:50	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83400	Lims Sample ID:	25
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 2, GC ecd2b



Processing Integration Results

RT = 10.320	Response = 16090343	M
RT = 10.915	Response = 20857169	M
RT = 11.336	Response = 22227562	M
RT = 12.077	Response = 21680943	M
RT = 12.638	Response = 6762053	M



Manual Integration Results

RT = 10.320	Response = 17901309	M
RT = 10.915	Response = 22794884	M
RT = 11.336	Response = 24698521	M
RT = 12.077	Response = 25721504	M
RT = 12.638	Response = 9622267	M

Reviewer: shockr, 25-Apr-2013 07:12:36

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-83400/38 Calibration Date: 04/24/2013 22:35

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 22:54

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/23/2013 00:35

Lab File ID: P3042438.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1359242943	1579382960		0.0290	0.0250	16.2	20.0
gamma-BHC (Lindane)	Ave	1208604110	1348782920		0.0279	0.0250	11.6	20.0
beta-BHC	Ave	519268069	584094360		0.0281	0.0250	12.5	20.0
delta-BHC	Ave	1224286313	1230458480		0.0251	0.0250	0.5	20.0
Heptachlor	Ave	1032014038	1049704160		0.0254	0.0250	1.7	20.0
Aldrin	Ave	1088122939	1343372720		0.0309	0.0250	23.5*	20.0
Heptachlor epoxide	Ave	992844247	1187078000		0.0299	0.0250	19.6	20.0
gamma-Chlordane	Ave	998864799	1218187840		0.0305	0.0250	22.0*	20.0
alpha-Chlordane	Ave	1023188492	1258056680		0.0307	0.0250	23.0*	20.0
Endosulfan I	Ave	906422798	1051982000		0.0290	0.0250	16.1	20.0
4,4'-DDE	Ave	968863059	1227534640		0.0317	0.0250	26.7*	20.0
Dieldrin	Ave	998340371	1217414320		0.0305	0.0250	21.9*	20.0
Endrin	Ave	929514238	1096147640		0.0295	0.0250	17.9	20.0
4,4'-DDD	Ave	747950398	1047748160		0.0350	0.0250	40.1*	20.0
Endosulfan II	Ave	839808708	1001911680		0.0298	0.0250	19.3	20.0
4,4'-DDT	Ave	703196613	490030840		0.0174	0.0250	-30.3*	20.0
Endrin aldehyde	Ave	644279437	617961600		0.0240	0.0250	-4.1	20.0
Methoxychlor	Ave	353664852	319879760		0.0226	0.0250	-9.6	20.0
Endosulfan sulfate	Ave	775754698	877491680		0.0283	0.0250	13.1	20.0
Endrin ketone	Ave	898237216	933852120		0.0260	0.0250	4.0	20.0
Tetrachloro-m-xylene	Ave	882328290	1018497720		0.0289	0.0250	15.4	20.0
DCB Decachlorobiphenyl	Ave	827157224	932039320		0.0282	0.0250	12.7	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-83400/38 Calibration Date: 04/24/2013 22:35

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 22:54

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/23/2013 00:35

Lab File ID: P3042438.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.16	4.13	4.19
gamma-BHC (Lindane)	4.54	4.51	4.57
beta-BHC	4.67	4.64	4.70
delta-BHC	4.88	4.85	4.91
Heptachlor	5.16	5.13	5.19
Aldrin	5.61	5.58	5.64
Heptachlor epoxide	6.82	6.79	6.85
gamma-Chlordane	7.12	7.09	7.15
alpha-Chlordane	7.47	7.44	7.50
Endosulfan I	7.75	7.72	7.78
4,4'-DDE	7.85	7.82	7.88
Dieldrin	8.31	8.28	8.34
Endrin	8.77	8.74	8.80
4,4'-DDD	9.14	9.11	9.17
Endosulfan II	9.22	9.19	9.25
4,4'-DDT	9.67	9.64	9.70
Endrin aldehyde	10.03	10.00	10.06
Methoxychlor	10.63	10.60	10.66
Endosulfan sulfate	10.76	10.73	10.79
Endrin ketone	11.16	11.13	11.19
Tetrachloro-m-xylene	3.47	3.44	3.50
DCB Decachlorobiphenyl	12.79	12.76	12.82

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042438.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 24-Apr-2013 22:35:01 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0019209-038
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 38
Lims Batch ID: 83400 Lims Sample ID: 38
Sublist: chrom-PEST3*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130424-19209.b\PEST3.m
Last Update: 25-Apr-2013 07:51:26 Calib Date: 23-Apr-2013 17:41:50
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130423-19186.b\P3042315.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.471	3.471	0.000	25462443	0.0289			
2	100	4.064	4.064	0.000	13606460	0.0283			
						RPD = 1.81			
5 alpha-BHC									
1	100	4.159	4.159	0.000	39484574	0.0290			
2	100	4.915	4.915	0.000	20899825	0.0293			
						RPD = 0.75			
20 gamma-BHC (Lindane)									
1	100	4.537	4.537	0.000	33719573	0.0279			
2	100	5.494	5.494	0.000	17747274	0.0283			
						RPD = 1.47			
7 beta-BHC									
1	100	4.669	4.669	0.000	14602359	0.0281			
2	100	5.678	5.678	0.000	7982115	0.0286			
						RPD = 1.84			
11 delta-BHC									
1	100	4.882	4.882	0.000	30761462	0.0251			
2	100	6.259	6.259	0.000	16389466	0.0252			
						RPD = 0.49			
22 Heptachlor									
1	100	5.162	5.162	0.000	26242604	0.0254			
2	100	6.319	6.319	0.000	12190117	0.0247			
						RPD = 3.04			
4 Aldrin									
1	100	5.610	5.610	0.000	33584318	0.0309			
2	100	7.064	7.064	0.000	17884578	0.0309			
						RPD = 0.07			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.821	6.821	0.000	29676950	0.0299			
2	100	8.563	8.563	0.000	15468897	0.0301			
						RPD = 0.75			
21 gamma-Chlordane									
1	100	7.120	7.120	0.000	30454696	0.0305			
2	100	8.969	8.969	0.000	15776432	0.0310			
						RPD = 1.70			
6 alpha-Chlordane									
1	100	7.469	7.469	0.000	31451417	0.0307			
2	100	9.278	9.278	0.000	16061103	0.0307			
						RPD = 0.02			
14 Endosulfan I									
1	100	7.745	7.745	0.000	26299550	0.0290			
2	100	9.346	9.346	0.000	13309411	0.0290			
						RPD = 0.10			
2 4,4'-DDE									
1	100	7.849	7.849	0.000	30688366	0.0317			
2	100	9.725	9.725	0.000	15555659	0.0313			
						RPD = 1.17			
13 Dieldrin									
1	100	8.309	8.309	0.000	30435358	0.0305			
2	100	9.872	9.872	0.000	15349240	0.0307			
						RPD = 0.60			
17 Endrin									
1	100	8.769	8.769	0.000	27403691	0.0295			
2	100	10.395	10.395	0.000	13470068	0.0294			
						RPD = 0.37			
1 4,4'-DDD									
1	100	9.136	9.136	0.000	26193704	0.0350			
2	100	10.734	10.734	0.000	13273664	0.0381			
						RPD = 8.34			
15 Endosulfan II									
1	100	9.221	9.221	0.000	25047792	0.0298			
2	100	10.765	10.765	0.000	12807182	0.0300			
						RPD = 0.46			
3 4,4'-DDT									
1	100	9.665	9.665	0.000	12250771	0.0174			
2	100	11.216	11.216	0.000	5587473	0.0180			
						RPD = 3.49			
18 Endrin aldehyde									
1	100	10.029	10.029	0.000	15449040	0.0240			
2	100	11.332	11.332	0.000	7677354	0.0237			
						RPD = 0.96			
27 Methoxychlor									
1	100	10.630	10.630	0.000	7996994	0.0226			
2	100	12.297	12.297	0.000	3506528	0.0227			
						RPD = 0.56			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.761	10.761	0.000	21937292	0.0283			
2	100	11.750	11.750	0.000	11208572	0.0292			
						RPD = 3.11			
19 Endrin ketone									
1	100	11.161	11.161	0.000	23346303	0.0260			
2	100	12.499	12.499	0.000	11497791	0.0267			
						RPD = 2.87			
$ 10 DCB Decachlorobiphenyl									
1	100	12.785	12.785	0.000	23300983	0.0282			
2	100	14.216	14.216	0.000	11818428	0.0274			
						RPD = 2.91			

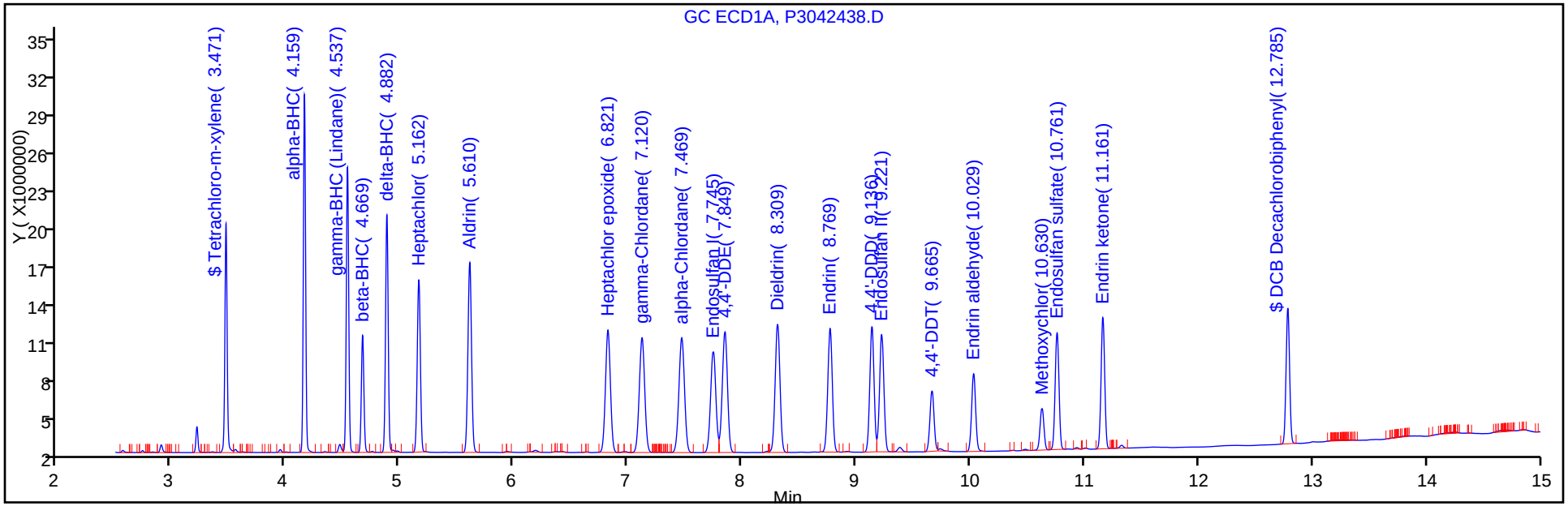
Report Date: 25-Apr-2013 07:51:27 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

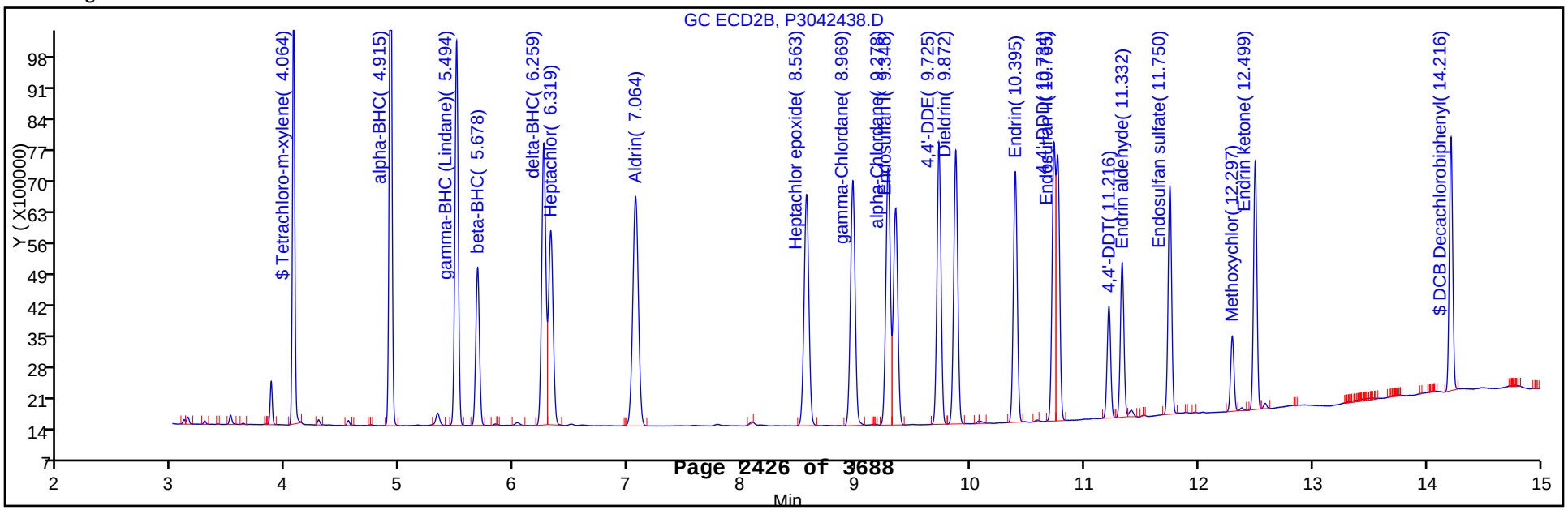
Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042438.D

Injection Date:	24-Apr-2013 22:35:01	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83400	Lims Sample ID:	38
Operator ID:	402582	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
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-83400/38 Calibration Date: 04/24/2013 22:35

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 22:54

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/23/2013 00:35

Lab File ID: P3042438.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	714126036	835993000		0.0293	0.0250	17.1	20.0
gamma-BHC (Lindane)	Ave	626844478	709890960		0.0283	0.0250	13.2	20.0
beta-BHC	Ave	278685187	319284600		0.0286	0.0250	14.6	20.0
delta-BHC	Ave	649094974	655578640		0.0252	0.0250	1.0	20.0
Heptachlor	Ave	494206075	487604680		0.0247	0.0250	-1.3	20.0
Aldrin	Ave	579038535	715383120		0.0309	0.0250	23.5*	20.0
Heptachlor epoxide	Ave	513668973	618755880		0.0301	0.0250	20.5*	20.0
gamma-Chlordane	Ave	508733248	631057280		0.0310	0.0250	24.0*	20.0
alpha-Chlordane	Ave	522623723	642444120		0.0307	0.0250	22.9*	20.0
Endosulfan I	Ave	459163342	532376440		0.0290	0.0250	15.9	20.0
4,4'-DDE	Ave	496902560	622226360		0.0313	0.0250	25.2*	20.0
Dieldrin	Ave	500474757	613969600		0.0307	0.0250	22.7*	20.0
Endrin	Ave	458610093	538802720		0.0294	0.0250	17.5	20.0
4,4'-DDD	Ave	348673589	530946560		0.0381	0.0250	52.3*	20.0
Endosulfan II	Ave	427445028	512287280		0.0300	0.0250	19.8	20.0
4,4'-DDT	Ave	309716187	223498920		0.0180	0.0250	-27.8*	20.0
Endrin aldehyde	Ave	323271966	307094160		0.0237	0.0250	-5.0	20.0
Endosulfan sulfate	Ave	384218328	448342880		0.0292	0.0250	16.7	20.0
Methoxychlor	Ave	154205847	140261120		0.0227	0.0250	-9.0	20.0
Endrin ketone	Ave	429863795	459911640		0.0267	0.0250	7.0	20.0
Tetrachloro-m-xylene	Ave	480112544	544258400		0.0283	0.0250	13.4	20.0
DCB Decachlorobiphenyl	Ave	431941305	472737120		0.0274	0.0250	9.4	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-83400/38 Calibration Date: 04/24/2013 22:35

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 22:54

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/23/2013 00:35

Lab File ID: P3042438.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.92	4.89	4.95
gamma-BHC (Lindane)	5.49	5.46	5.52
beta-BHC	5.68	5.65	5.71
delta-BHC	6.26	6.23	6.29
Heptachlor	6.32	6.29	6.35
Aldrin	7.06	7.03	7.09
Heptachlor epoxide	8.56	8.53	8.59
gamma-Chlordane	8.97	8.94	9.00
alpha-Chlordane	9.28	9.25	9.31
Endosulfan I	9.35	9.32	9.38
4,4'-DDE	9.73	9.70	9.76
Dieldrin	9.87	9.84	9.90
Endrin	10.40	10.37	10.43
4,4'-DDD	10.73	10.70	10.76
Endosulfan II	10.77	10.74	10.80
4,4'-DDT	11.22	11.19	11.25
Endrin aldehyde	11.33	11.30	11.36
Endosulfan sulfate	11.75	11.72	11.78
Methoxychlor	12.30	12.27	12.33
Endrin ketone	12.50	12.47	12.53
Tetrachloro-m-xylene	4.06	4.03	4.09
DCB Decachlorobiphenyl	14.22	14.19	14.25

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042438.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 24-Apr-2013 22:35:01 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0019209-038
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 38
Lims Batch ID: 83400 Lims Sample ID: 38
Sublist: chrom-PEST3*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130424-19209.b\PEST3.m
Last Update: 25-Apr-2013 07:51:26 Calib Date: 23-Apr-2013 17:41:50
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130423-19186.b\P3042315.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.471	3.471	0.000	25462443	0.0289			
2	100	4.064	4.064	0.000	13606460	0.0283			
						RPD = 1.81			
5 alpha-BHC									
1	100	4.159	4.159	0.000	39484574	0.0290			
2	100	4.915	4.915	0.000	20899825	0.0293			
						RPD = 0.75			
20 gamma-BHC (Lindane)									
1	100	4.537	4.537	0.000	33719573	0.0279			
2	100	5.494	5.494	0.000	17747274	0.0283			
						RPD = 1.47			
7 beta-BHC									
1	100	4.669	4.669	0.000	14602359	0.0281			
2	100	5.678	5.678	0.000	7982115	0.0286			
						RPD = 1.84			
11 delta-BHC									
1	100	4.882	4.882	0.000	30761462	0.0251			
2	100	6.259	6.259	0.000	16389466	0.0252			
						RPD = 0.49			
22 Heptachlor									
1	100	5.162	5.162	0.000	26242604	0.0254			
2	100	6.319	6.319	0.000	12190117	0.0247			
						RPD = 3.04			
4 Aldrin									
1	100	5.610	5.610	0.000	33584318	0.0309			
2	100	7.064	7.064	0.000	17884578	0.0309			
						RPD = 0.07			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.821	6.821	0.000	29676950	0.0299			
2	100	8.563	8.563	0.000	15468897	0.0301			
						RPD = 0.75			
21 gamma-Chlordane									
1	100	7.120	7.120	0.000	30454696	0.0305			
2	100	8.969	8.969	0.000	15776432	0.0310			
						RPD = 1.70			
6 alpha-Chlordane									
1	100	7.469	7.469	0.000	31451417	0.0307			
2	100	9.278	9.278	0.000	16061103	0.0307			
						RPD = 0.02			
14 Endosulfan I									
1	100	7.745	7.745	0.000	26299550	0.0290			
2	100	9.346	9.346	0.000	13309411	0.0290			
						RPD = 0.10			
2 4,4'-DDE									
1	100	7.849	7.849	0.000	30688366	0.0317			
2	100	9.725	9.725	0.000	15555659	0.0313			
						RPD = 1.17			
13 Dieldrin									
1	100	8.309	8.309	0.000	30435358	0.0305			
2	100	9.872	9.872	0.000	15349240	0.0307			
						RPD = 0.60			
17 Endrin									
1	100	8.769	8.769	0.000	27403691	0.0295			
2	100	10.395	10.395	0.000	13470068	0.0294			
						RPD = 0.37			
1 4,4'-DDD									
1	100	9.136	9.136	0.000	26193704	0.0350			
2	100	10.734	10.734	0.000	13273664	0.0381			
						RPD = 8.34			
15 Endosulfan II									
1	100	9.221	9.221	0.000	25047792	0.0298			
2	100	10.765	10.765	0.000	12807182	0.0300			
						RPD = 0.46			
3 4,4'-DDT									
1	100	9.665	9.665	0.000	12250771	0.0174			
2	100	11.216	11.216	0.000	5587473	0.0180			
						RPD = 3.49			
18 Endrin aldehyde									
1	100	10.029	10.029	0.000	15449040	0.0240			
2	100	11.332	11.332	0.000	7677354	0.0237			
						RPD = 0.96			
27 Methoxychlor									
1	100	10.630	10.630	0.000	7996994	0.0226			
2	100	12.297	12.297	0.000	3506528	0.0227			
						RPD = 0.56			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.761	10.761	0.000	21937292	0.0283			
2	100	11.750	11.750	0.000	11208572	0.0292			
						RPD = 3.11			
19 Endrin ketone									
1	100	11.161	11.161	0.000	23346303	0.0260			
2	100	12.499	12.499	0.000	11497791	0.0267			
						RPD = 2.87			
$ 10 DCB Decachlorobiphenyl									
1	100	12.785	12.785	0.000	23300983	0.0282			
2	100	14.216	14.216	0.000	11818428	0.0274			
						RPD = 2.91			

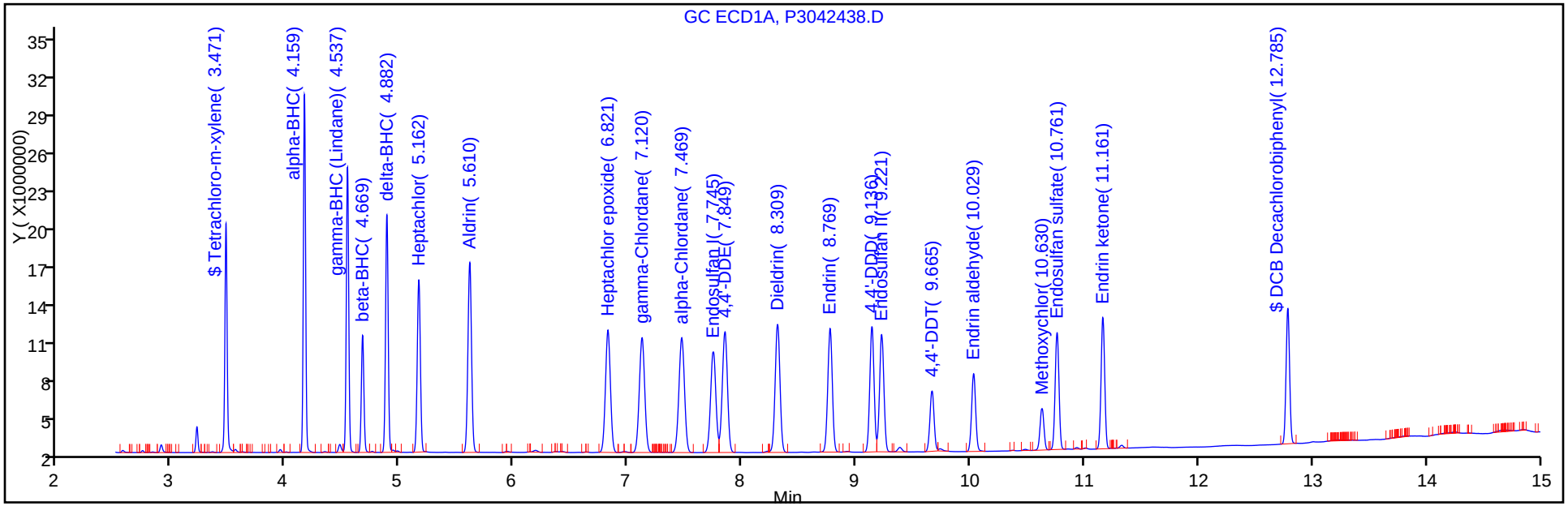
Report Date: 25-Apr-2013 07:51:27 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

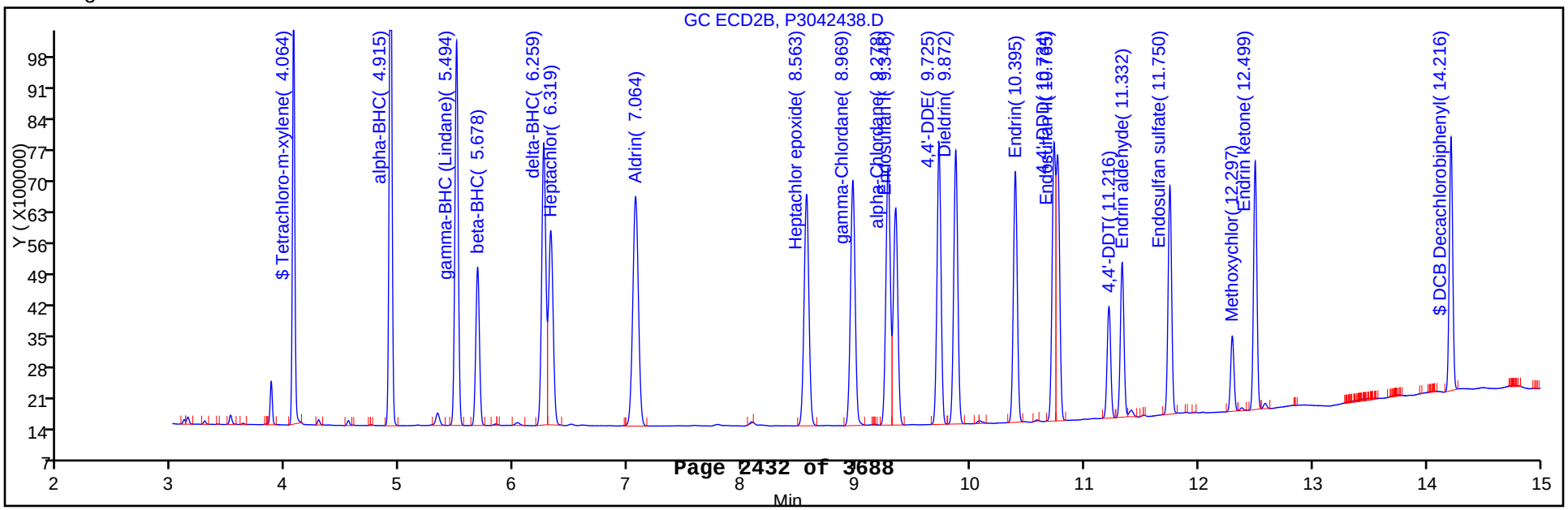
Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042438.D

Injection Date:	24-Apr-2013 22:35:01	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83400	Lims Sample ID:	38
Operator ID:	402582	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
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-83482/5 Calibration Date: 04/25/2013 09:17

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 18:52

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/22/2013 20:13

Lab File ID: P3042505.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	38294747	36819256		0.961	1.00	-3.9	20.0
Toxaphene Peak 2	Ave	36690952	37331335		1.02	1.00	1.7	20.0
Toxaphene Peak 3	Ave	28834208	28883820		1.00	1.00	0.2	20.0
Toxaphene Peak 4	Ave	23017922	23161890		1.01	1.00	0.6	20.0
Toxaphene Peak 5	Ave	18081479	18046169		0.998	1.00	-0.2	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-83482/5 Calibration Date: 04/25/2013 09:17

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 18:52

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/22/2013 20:13

Lab File ID: P3042505.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	10.22	10.19	10.25
Toxaphene Peak 2	10.56	10.53	10.59
Toxaphene Peak 3	10.72	10.69	10.75
Toxaphene Peak 4	11.14	11.11	11.17
Toxaphene Peak 5	11.41	11.38	11.44

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130425-19246.b\P3042505.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 25-Apr-2013 09:17:01 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0019246-005
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 83482 Lims Sample ID: 5
Sublist: chrom-PEST3*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130425-19246.b\PEST3.m
Last Update: 25-Apr-2013 15:39:58 Calib Date: 23-Apr-2013 17:41:50
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130423-19186.b\P3042315.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									
1	1	10.220	10.220	0.000	36819256	0.9615		100.0	
1	2	10.564	10.564	0.000	37331335	1.02	77.7- 117.7	101.4	
1	3	10.718	10.718	0.000	28883820	1.00	57.0- 97.0	78.4	
1	4	11.135	11.135	0.000	23161890	1.01	39.5- 79.5	62.9	
1	5	11.407	11.407	0.000	18046169	1.00	26.4- 66.4	49.0	
			Average of Peak Amounts =			1.00			
2	100	10.324	10.324	0.000	13934769	0.9305		100.0	
2	2	10.917	10.917	0.000	18306247	1.00	102.8- 142.8	131.4	
2	3	11.339	11.339	0.000	21607723	1.01	124.4- 164.4	155.1	
2	4	12.081	12.081	0.000	24295909	1.01	139.5- 179.5	174.4	
2	5	12.641	12.641	0.000	9693578	1.01	45.4- 85.4	69.6	
			Average of Peak Amounts =			0.99			
						RPD = 0.61			

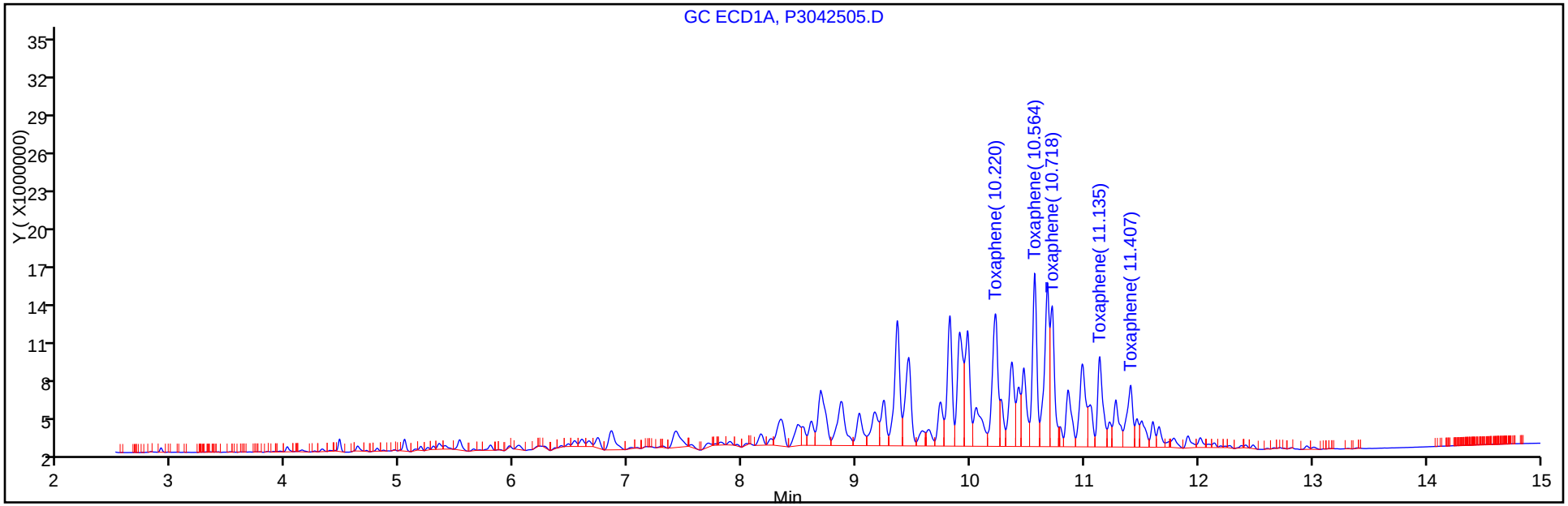
Report Date: 25-Apr-2013 15:39:58 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

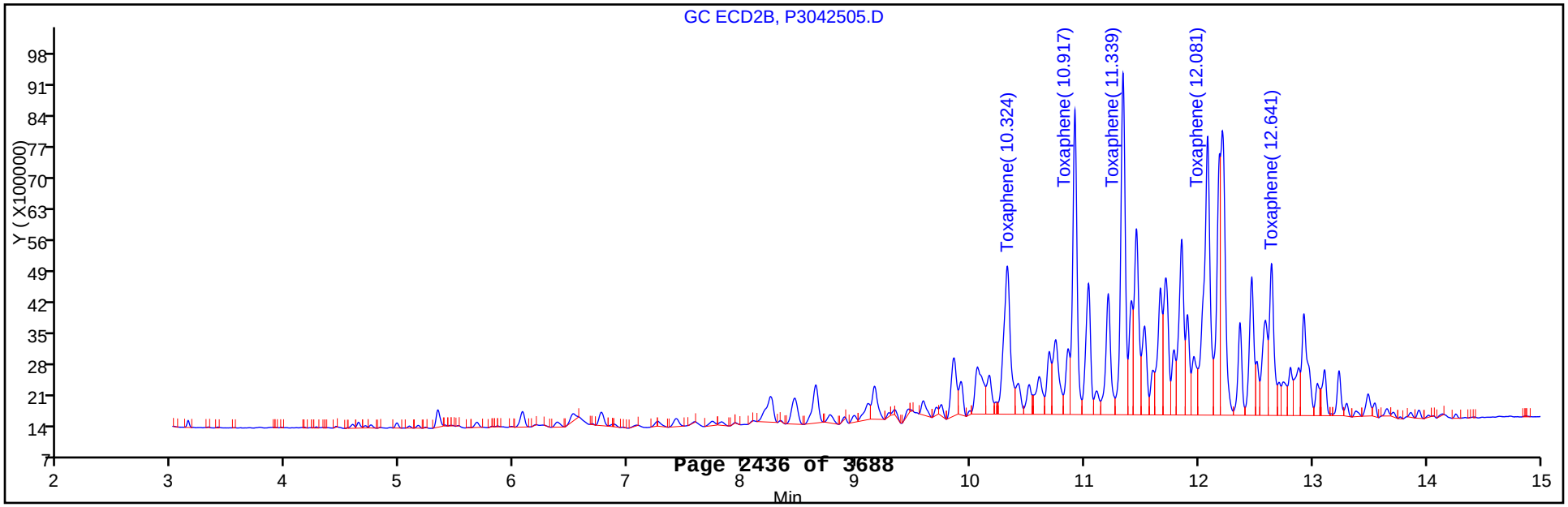
Data File: \\NCChrom\ChromData\A2HP3\20130425-19246.b\P3042505.D

Injection Date:	25-Apr-2013 09:17:01	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83482	Lims Sample ID:	5
Operator ID:	402582	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
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-83482/5 Calibration Date: 04/25/2013 09:17

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 18:52

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/22/2013 20:13

Lab File ID: P3042505.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	14975845	13934769		0.930	1.00	-7.0	20.0
Toxaphene Peak 2	Ave	18337483	18306247		0.998	1.00	-0.2	20.0
Toxaphene Peak 3	Ave	21437307	21607723		1.01	1.00	0.8	20.0
Toxaphene Peak 4	Ave	24002348	24295909		1.01	1.00	1.2	20.0
Toxaphene Peak 5	Ave	9638555	9693578		1.01	1.00	0.6	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-83482/5 Calibration Date: 04/25/2013 09:17

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 18:52

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/22/2013 20:13

Lab File ID: P3042505.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	10.32	10.29	10.35
Toxaphene Peak 2	10.92	10.89	10.95
Toxaphene Peak 3	11.34	11.31	11.37
Toxaphene Peak 4	12.08	12.05	12.11
Toxaphene Peak 5	12.64	12.61	12.67

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130425-19246.b\P3042505.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 25-Apr-2013 09:17:01 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0019246-005
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 83482 Lims Sample ID: 5
Sublist: chrom-PEST3*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130425-19246.b\PEST3.m
Last Update: 25-Apr-2013 15:39:58 Calib Date: 23-Apr-2013 17:41:50
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130423-19186.b\P3042315.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									
1	1	10.220	10.220	0.000	36819256	0.9615		100.0	
1	2	10.564	10.564	0.000	37331335	1.02	77.7- 117.7	101.4	
1	3	10.718	10.718	0.000	28883820	1.00	57.0- 97.0	78.4	
1	4	11.135	11.135	0.000	23161890	1.01	39.5- 79.5	62.9	
1	5	11.407	11.407	0.000	18046169	1.00	26.4- 66.4	49.0	
			Average of Peak Amounts =			1.00			
2	100	10.324	10.324	0.000	13934769	0.9305		100.0	
2	2	10.917	10.917	0.000	18306247	1.00	102.8- 142.8	131.4	
2	3	11.339	11.339	0.000	21607723	1.01	124.4- 164.4	155.1	
2	4	12.081	12.081	0.000	24295909	1.01	139.5- 179.5	174.4	
2	5	12.641	12.641	0.000	9693578	1.01	45.4- 85.4	69.6	
			Average of Peak Amounts =			0.99			
						RPD = 0.61			

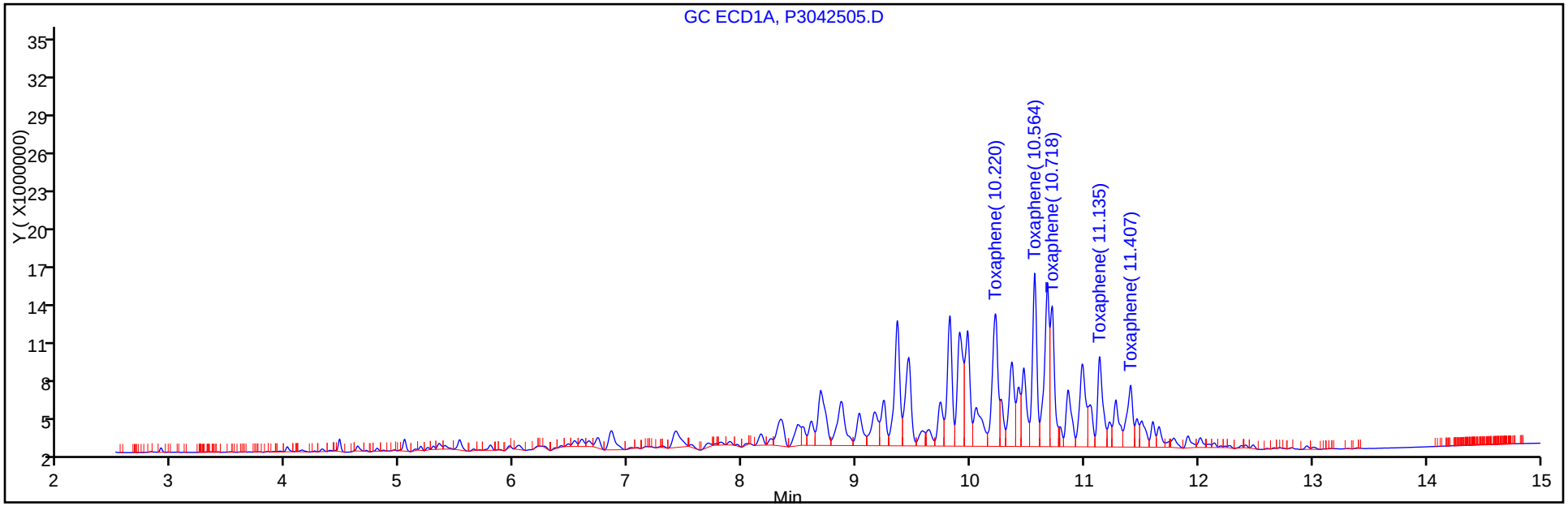
Report Date: 25-Apr-2013 15:39:58 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

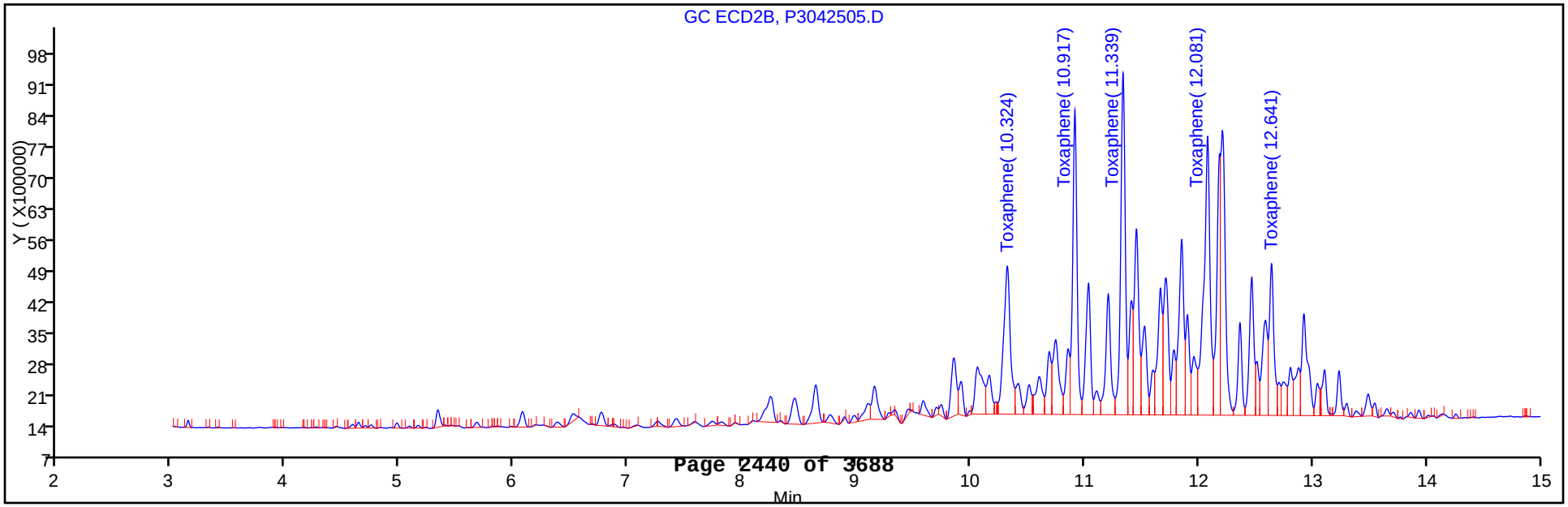
Data File: \\NCChrom\ChromData\A2HP3\20130425-19246.b\P3042505.D

Injection Date:	25-Apr-2013 09:17:01	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83482	Lims Sample ID:	5
Operator ID:	402582	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
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-83482/7 Calibration Date: 04/25/2013 09:57

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 22:54

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/23/2013 00:35

Lab File ID: P3042507.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1359242943	1490635640		0.0274	0.0250	9.7	20.0
gamma-BHC (Lindane)	Ave	1208604110	1275592560		0.0264	0.0250	5.5	20.0
beta-BHC	Ave	519268069	542916000		0.0261	0.0250	4.6	20.0
delta-BHC	Ave	1224286313	1314804160		0.0268	0.0250	7.4	20.0
Heptachlor	Ave	1032014038	1065534080		0.0258	0.0250	3.2	20.0
Aldrin	Ave	1088122939	1301102320		0.0299	0.0250	19.6	20.0
Heptachlor epoxide	Ave	992844247	1046484360		0.0264	0.0250	5.4	20.0
gamma-Chlordane	Ave	998864799	1073549040		0.0269	0.0250	7.5	20.0
alpha-Chlordane	Ave	1023188492	1120288120		0.0274	0.0250	9.5	20.0
Endosulfan I	Ave	906422798	963997680		0.0266	0.0250	6.4	20.0
4,4'-DDE	Ave	968863059	1127891800		0.0291	0.0250	16.4	20.0
Dieldrin	Ave	998340371	1063517520		0.0266	0.0250	6.5	20.0
Endrin	Ave	929514238	953202560		0.0256	0.0250	2.5	20.0
4,4'-DDD	Ave	747950398	824296400		0.0276	0.0250	10.2	20.0
Endosulfan II	Ave	839808708	910824200		0.0271	0.0250	8.5	20.0
4,4'-DDT	Ave	703196613	743089720		0.0264	0.0250	5.7	20.0
Endrin aldehyde	Ave	644279437	673058120		0.0261	0.0250	4.5	20.0
Methoxychlor	Ave	353664852	405759800		0.0287	0.0250	14.7	20.0
Endosulfan sulfate	Ave	775754698	848119560		0.0273	0.0250	9.3	20.0
Endrin ketone	Ave	898237216	984986720		0.0274	0.0250	9.7	20.0
Tetrachloro-m-xylene	Ave	882328290	978379280		0.0277	0.0250	10.9	20.0
DCB Decachlorobiphenyl	Ave	827157224	941691240		0.0285	0.0250	13.8	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-83482/7 Calibration Date: 04/25/2013 09:57

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 22:54

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/23/2013 00:35

Lab File ID: P3042507.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.16	4.13	4.19
gamma-BHC (Lindane)	4.54	4.51	4.57
beta-BHC	4.67	4.64	4.70
delta-BHC	4.88	4.85	4.91
Heptachlor	5.16	5.13	5.19
Aldrin	5.61	5.58	5.64
Heptachlor epoxide	6.82	6.79	6.85
gamma-Chlordane	7.12	7.09	7.15
alpha-Chlordane	7.47	7.44	7.50
Endosulfan I	7.75	7.72	7.78
4,4'-DDE	7.85	7.82	7.88
Dieldrin	8.31	8.28	8.34
Endrin	8.77	8.74	8.80
4,4'-DDD	9.14	9.11	9.17
Endosulfan II	9.22	9.19	9.25
4,4'-DDT	9.67	9.64	9.70
Endrin aldehyde	10.03	10.00	10.06
Methoxychlor	10.63	10.60	10.66
Endosulfan sulfate	10.76	10.73	10.79
Endrin ketone	11.16	11.13	11.19
Tetrachloro-m-xylene	3.47	3.44	3.50
DCB Decachlorobiphenyl	12.79	12.76	12.82

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130425-19246.b\P3042507.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 25-Apr-2013 09:57:18 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0019246-007
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 83482 Lims Sample ID: 7
Sublist: chrom-PEST3*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130425-19246.b\PEST3.m
Last Update: 25-Apr-2013 15:40:01 Calib Date: 23-Apr-2013 17:41:50
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130423-19186.b\P3042315.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.472	3.472	0.000	24459482	0.0277			
2	100	4.066	4.066	0.000	13421376	0.0280			
						RPD = 0.84			
5 alpha-BHC									
1	100	4.160	4.160	0.000	37265891	0.0274			
2	100	4.917	4.917	0.000	19445373	0.0272			
						RPD = 0.68			
20 gamma-BHC (Lindane)									
1	100	4.537	4.537	0.000	31889814	0.0264			
2	100	5.496	5.496	0.000	16498286	0.0263			
						RPD = 0.25			
7 beta-BHC									
1	100	4.670	4.670	0.000	13572900	0.0261			
2	100	5.681	5.681	0.000	7390290	0.0265			
						RPD = 1.44			
11 delta-BHC									
1	100	4.883	4.883	0.000	32870104	0.0268			
2	100	6.262	6.262	0.000	17125375	0.0264			
						RPD = 1.75			
22 Heptachlor									
1	100	5.163	5.163	0.000	26638352	0.0258			
2	100	6.325	6.325	0.000	12478885	0.0253			
						RPD = 2.20			
4 Aldrin									
1	100	5.611	5.611	0.000	32527558	0.0299			
2	100	7.068	7.068	0.000	17086921	0.0295			
						RPD = 1.29			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.823	6.823	0.000	26162109	0.0264			
2	100	8.568	8.568	0.000	13531717	0.0263			
						RPD = 0.03			
21 gamma-Chlordane									
1	100	7.123	7.123	0.000	26838726	0.0269			
2	100	8.973	8.973	0.000	13836539	0.0272			
						RPD = 1.22			
6 alpha-Chlordane									
1	100	7.470	7.470	0.000	28007203	0.0274			
2	100	9.282	9.282	0.000	14193115	0.0272			
						RPD = 0.79			
14 Endosulfan I									
1	100	7.747	7.747	0.000	24099942	0.0266			
2	100	9.349	9.349	0.000	12147626	0.0265			
						RPD = 0.50			
2 4,4'-DDE									
1	100	7.850	7.850	0.000	28197295	0.0291			
2	100	9.729	9.729	0.000	14221133	0.0286			
						RPD = 1.68			
13 Dieldrin									
1	100	8.312	8.312	0.000	26587938	0.0266			
2	100	9.875	9.875	0.000	13322011	0.0266			
						RPD = 0.05			
17 Endrin									
1	100	8.771	8.771	0.000	23830064	0.0256			
2	100	10.398	10.398	0.000	11646269	0.0254			
						RPD = 0.95			
1 4,4'-DDD									
1	100	9.139	9.139	0.000	20607410	0.0276			
2	100	10.737	10.737	0.000	10062561	0.0289			
						RPD = 4.64			
15 Endosulfan II									
1	100	9.223	9.223	0.000	22770605	0.0271			
2	100	10.768	10.768	0.000	11650129	0.0273			
						RPD = 0.52			
3 4,4'-DDT									
1	100	9.665	9.665	0.000	18577243	0.0264			
2	100	11.218	11.218	0.000	8209323	0.0265			
						RPD = 0.33			
18 Endrin aldehyde									
1	100	10.030	10.030	0.000	16826453	0.0261			
2	100	11.335	11.335	0.000	8230525	0.0255			
						RPD = 2.55			
27 Methoxychlor									
1	100	10.631	10.631	0.000	10143995	0.0287			
2	100	12.300	12.300	0.000	4509501	0.0292			
						RPD = 1.94			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.762	10.762	0.000	21202989	0.0273			
2	100	11.752	11.752	0.000	10710037	0.0279			
						RPD = 1.97			
19 Endrin ketone									
1	100	11.164	11.164	0.000	24624668	0.0274			
2	100	12.502	12.502	0.000	11964654	0.0278			
						RPD = 1.52			
$ 10 DCB Decachlorobiphenyl									
1	100	12.785	12.785	0.000	23542281	0.0285			
2	100	14.217	14.217	0.000	12256229	0.0284			
						RPD = 0.31			

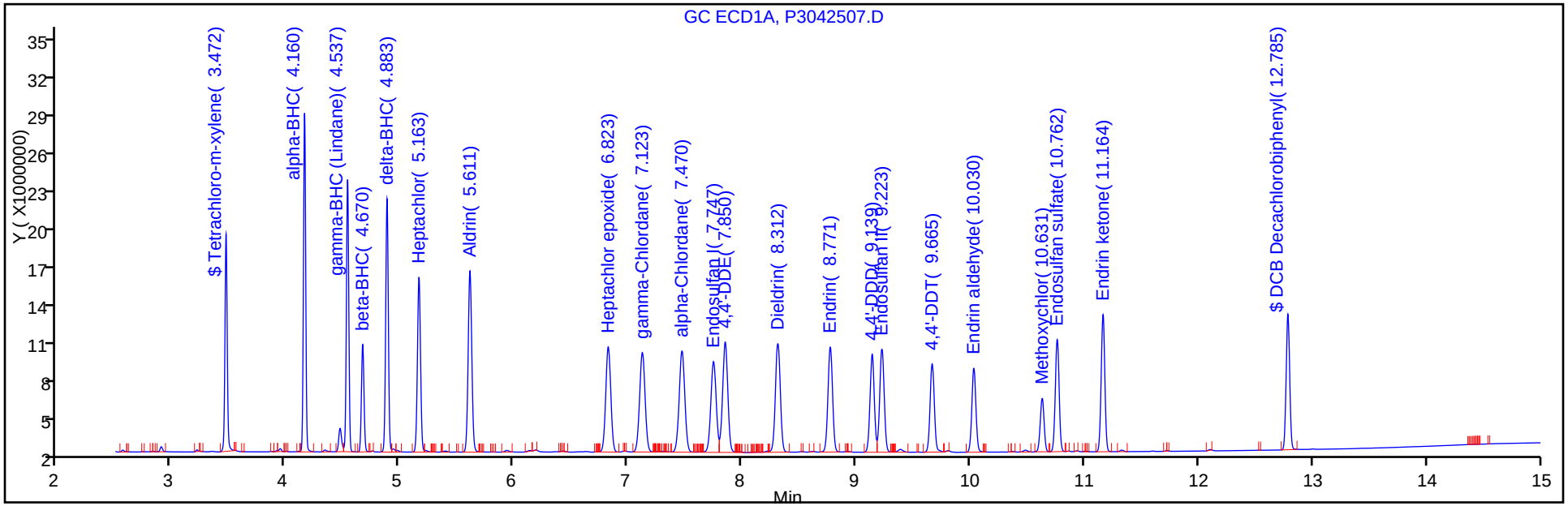
Report Date: 25-Apr-2013 15:40:02 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

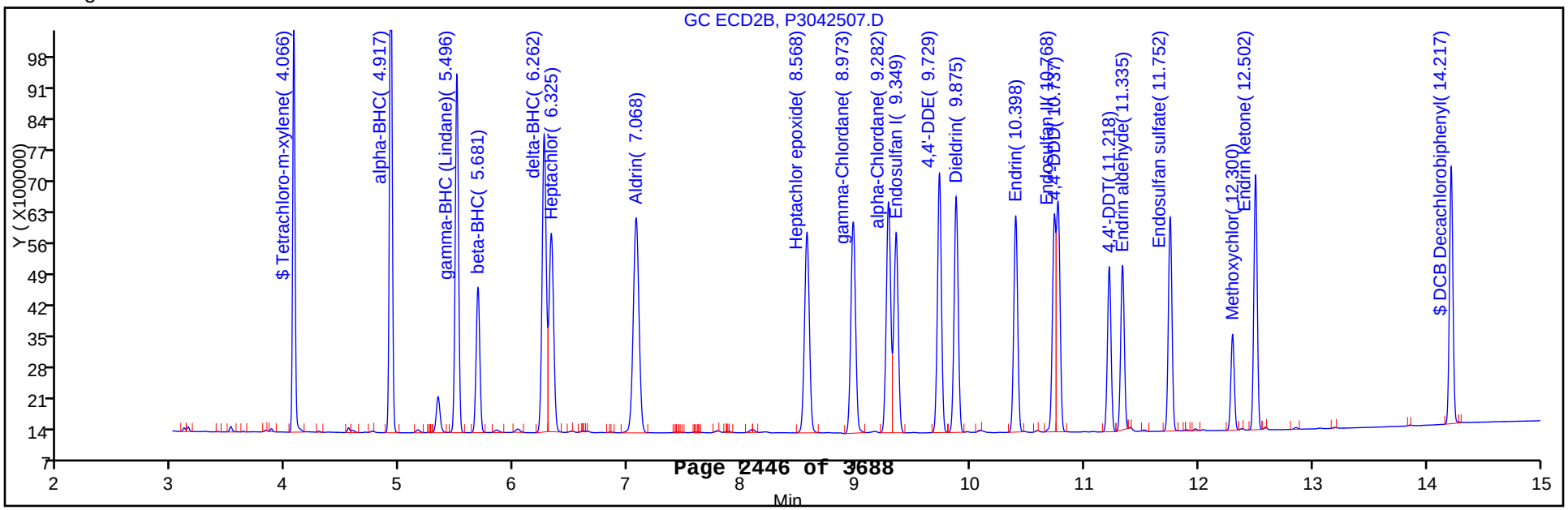
Data File: \\NCChrom\ChromData\A2HP3\20130425-19246.b\P3042507.D

Injection Date:	25-Apr-2013 09:57:18	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83482	Lims Sample ID:	7
Operator ID:	402582	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
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-83482/7 Calibration Date: 04/25/2013 09:57

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 22:54

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/23/2013 00:35

Lab File ID: P3042507.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	714126036	777814920		0.0272	0.0250	8.9	20.0
gamma-BHC (Lindane)	Ave	626844478	659931440		0.0263	0.0250	5.3	20.0
beta-BHC	Ave	278685187	295611600		0.0265	0.0250	6.1	20.0
delta-BHC	Ave	649094974	685015000		0.0264	0.0250	5.5	20.0
Heptachlor	Ave	494206075	499155400		0.0253	0.0250	1.0	20.0
Aldrin	Ave	579038535	683476840		0.0295	0.0250	18.0	20.0
Heptachlor epoxide	Ave	513668973	541268680		0.0263	0.0250	5.4	20.0
gamma-Chlordane	Ave	508733248	553461560		0.0272	0.0250	8.8	20.0
alpha-Chlordane	Ave	522623723	567724600		0.0272	0.0250	8.6	20.0
Endosulfan I	Ave	459163342	485905040		0.0265	0.0250	5.8	20.0
4,4'-DDE	Ave	496902560	568845320		0.0286	0.0250	14.5	20.0
Dieldrin	Ave	500474757	532880440		0.0266	0.0250	6.5	20.0
Endrin	Ave	458610093	465850760		0.0254	0.0250	1.6	20.0
4,4'-DDD	Ave	348673589	402502440		0.0289	0.0250	15.4	20.0
Endosulfan II	Ave	427445028	466005160		0.0273	0.0250	9.0	20.0
4,4'-DDT	Ave	309716187	328372920		0.0265	0.0250	6.0	20.0
Endrin aldehyde	Ave	323271966	329221000		0.0255	0.0250	1.8	20.0
Endosulfan sulfate	Ave	384218328	428401480		0.0279	0.0250	11.5	20.0
Methoxychlor	Ave	154205847	180380040		0.0292	0.0250	17.0	20.0
Endrin ketone	Ave	429863795	478586160		0.0278	0.0250	11.3	20.0
Tetrachloro-m-xylene	Ave	480112544	536855040		0.0280	0.0250	11.8	20.0
DCB Decachlorobiphenyl	Ave	431941305	490249160		0.0284	0.0250	13.5	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-83482/7 Calibration Date: 04/25/2013 09:57

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 22:54

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/23/2013 00:35

Lab File ID: P3042507.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.92	4.89	4.95
gamma-BHC (Lindane)	5.50	5.47	5.53
beta-BHC	5.68	5.65	5.71
delta-BHC	6.26	6.23	6.29
Heptachlor	6.33	6.30	6.36
Aldrin	7.07	7.04	7.10
Heptachlor epoxide	8.57	8.54	8.60
gamma-Chlordane	8.97	8.94	9.00
alpha-Chlordane	9.28	9.25	9.31
Endosulfan I	9.35	9.32	9.38
4,4'-DDE	9.73	9.70	9.76
Dieldrin	9.88	9.85	9.91
Endrin	10.40	10.37	10.43
4,4'-DDD	10.74	10.71	10.77
Endosulfan II	10.77	10.74	10.80
4,4'-DDT	11.22	11.19	11.25
Endrin aldehyde	11.34	11.31	11.37
Endosulfan sulfate	11.75	11.72	11.78
Methoxychlor	12.30	12.27	12.33
Endrin ketone	12.50	12.47	12.53
Tetrachloro-m-xylene	4.07	4.04	4.10
DCB Decachlorobiphenyl	14.22	14.19	14.25

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130425-19246.b\P3042507.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 25-Apr-2013 09:57:18 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0019246-007
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 83482 Lims Sample ID: 7
Sublist: chrom-PEST3*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130425-19246.b\PEST3.m
Last Update: 25-Apr-2013 15:40:01 Calib Date: 23-Apr-2013 17:41:50
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130423-19186.b\P3042315.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.472	3.472	0.000	24459482	0.0277			
2	100	4.066	4.066	0.000	13421376	0.0280			
						RPD = 0.84			
5 alpha-BHC									
1	100	4.160	4.160	0.000	37265891	0.0274			
2	100	4.917	4.917	0.000	19445373	0.0272			
						RPD = 0.68			
20 gamma-BHC (Lindane)									
1	100	4.537	4.537	0.000	31889814	0.0264			
2	100	5.496	5.496	0.000	16498286	0.0263			
						RPD = 0.25			
7 beta-BHC									
1	100	4.670	4.670	0.000	13572900	0.0261			
2	100	5.681	5.681	0.000	7390290	0.0265			
						RPD = 1.44			
11 delta-BHC									
1	100	4.883	4.883	0.000	32870104	0.0268			
2	100	6.262	6.262	0.000	17125375	0.0264			
						RPD = 1.75			
22 Heptachlor									
1	100	5.163	5.163	0.000	26638352	0.0258			
2	100	6.325	6.325	0.000	12478885	0.0253			
						RPD = 2.20			
4 Aldrin									
1	100	5.611	5.611	0.000	32527558	0.0299			
2	100	7.068	7.068	0.000	17086921	0.0295			
						RPD = 1.29			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.823	6.823	0.000	26162109	0.0264			
2	100	8.568	8.568	0.000	13531717	0.0263			
						RPD = 0.03			
21 gamma-Chlordane									
1	100	7.123	7.123	0.000	26838726	0.0269			
2	100	8.973	8.973	0.000	13836539	0.0272			
						RPD = 1.22			
6 alpha-Chlordane									
1	100	7.470	7.470	0.000	28007203	0.0274			
2	100	9.282	9.282	0.000	14193115	0.0272			
						RPD = 0.79			
14 Endosulfan I									
1	100	7.747	7.747	0.000	24099942	0.0266			
2	100	9.349	9.349	0.000	12147626	0.0265			
						RPD = 0.50			
2 4,4'-DDE									
1	100	7.850	7.850	0.000	28197295	0.0291			
2	100	9.729	9.729	0.000	14221133	0.0286			
						RPD = 1.68			
13 Dieldrin									
1	100	8.312	8.312	0.000	26587938	0.0266			
2	100	9.875	9.875	0.000	13322011	0.0266			
						RPD = 0.05			
17 Endrin									
1	100	8.771	8.771	0.000	23830064	0.0256			
2	100	10.398	10.398	0.000	11646269	0.0254			
						RPD = 0.95			
1 4,4'-DDD									
1	100	9.139	9.139	0.000	20607410	0.0276			
2	100	10.737	10.737	0.000	10062561	0.0289			
						RPD = 4.64			
15 Endosulfan II									
1	100	9.223	9.223	0.000	22770605	0.0271			
2	100	10.768	10.768	0.000	11650129	0.0273			
						RPD = 0.52			
3 4,4'-DDT									
1	100	9.665	9.665	0.000	18577243	0.0264			
2	100	11.218	11.218	0.000	8209323	0.0265			
						RPD = 0.33			
18 Endrin aldehyde									
1	100	10.030	10.030	0.000	16826453	0.0261			
2	100	11.335	11.335	0.000	8230525	0.0255			
						RPD = 2.55			
27 Methoxychlor									
1	100	10.631	10.631	0.000	10143995	0.0287			
2	100	12.300	12.300	0.000	4509501	0.0292			
						RPD = 1.94			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.762	10.762	0.000	21202989	0.0273			
2	100	11.752	11.752	0.000	10710037	0.0279			
						RPD = 1.97			
19 Endrin ketone									
1	100	11.164	11.164	0.000	24624668	0.0274			
2	100	12.502	12.502	0.000	11964654	0.0278			
						RPD = 1.52			
$ 10 DCB Decachlorobiphenyl									
1	100	12.785	12.785	0.000	23542281	0.0285			
2	100	14.217	14.217	0.000	12256229	0.0284			
						RPD = 0.31			

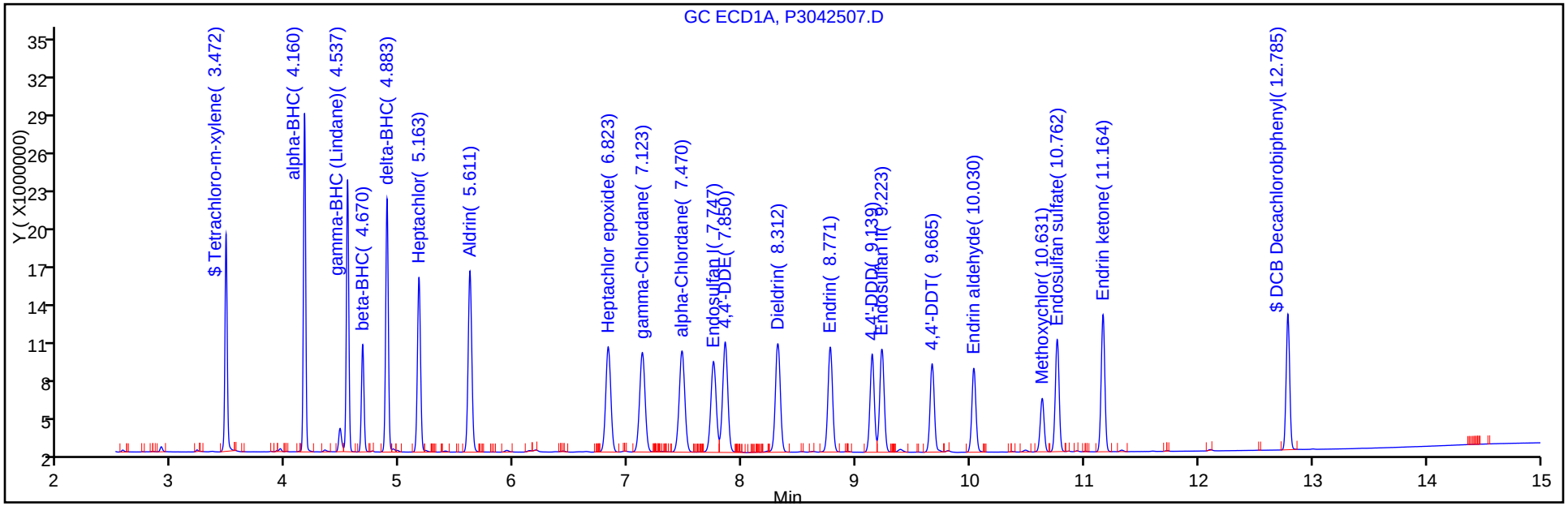
Report Date: 25-Apr-2013 15:40:02 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

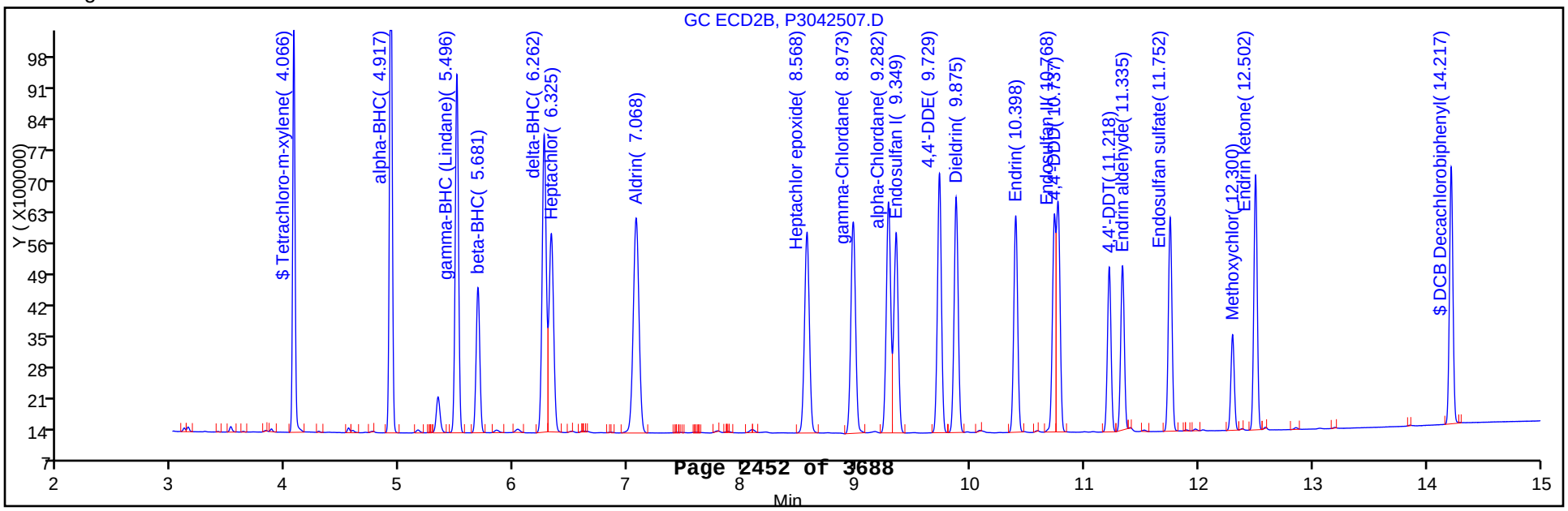
Data File: \\NCChrom\ChromData\A2HP3\20130425-19246.b\P3042507.D

Injection Date:	25-Apr-2013 09:57:18	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83482	Lims Sample ID:	7
Operator ID:	402582	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
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-83482/12 Calibration Date: 04/25/2013 11:38

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 22:54

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/23/2013 00:35

Lab File ID: P3042512.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1359242943	1516212120		0.0279	0.0250	11.5	20.0
gamma-BHC (Lindane)	Ave	1208604110	1302101840		0.0269	0.0250	7.7	20.0
beta-BHC	Ave	519268069	548837200		0.0264	0.0250	5.7	20.0
delta-BHC	Ave	1224286313	1335435240		0.0273	0.0250	9.1	20.0
Heptachlor	Ave	1032014038	1090337880		0.0264	0.0250	5.7	20.0
Aldrin	Ave	1088122939	1293230560		0.0297	0.0250	18.8	20.0
Heptachlor epoxide	Ave	992844247	1081341520		0.0272	0.0250	8.9	20.0
gamma-Chlordane	Ave	998864799	1105662560		0.0277	0.0250	10.7	20.0
alpha-Chlordane	Ave	1023188492	1143865160		0.0279	0.0250	11.8	20.0
Endosulfan I	Ave	906422798	997757840		0.0275	0.0250	10.1	20.0
4,4'-DDE	Ave	968863059	1111836160		0.0287	0.0250	14.8	20.0
Dieldrin	Ave	998340371	1100219080		0.0276	0.0250	10.2	20.0
Endrin	Ave	929514238	941082480		0.0253	0.0250	1.2	20.0
4,4'-DDD	Ave	747950398	778226920		0.0260	0.0250	4.0	20.0
Endosulfan II	Ave	839808708	883916280		0.0263	0.0250	5.3	20.0
4,4'-DDT	Ave	703196613	729008760		0.0259	0.0250	3.7	20.0
Endrin aldehyde	Ave	644279437	636869040		0.0247	0.0250	-1.2	20.0
Methoxychlor	Ave	353664852	437199680		0.0309	0.0250	23.6*	20.0
Endosulfan sulfate	Ave	775754698	824076440		0.0266	0.0250	6.2	20.0
Endrin ketone	Ave	898237216	952911800		0.0265	0.0250	6.1	20.0
Tetrachloro-m-xylene	Ave	882328290	985020680		0.0279	0.0250	11.6	20.0
DCB Decachlorobiphenyl	Ave	827157224	921052480		0.0278	0.0250	11.4	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-83482/12 Calibration Date: 04/25/2013 11:38

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 22:54

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/23/2013 00:35

Lab File ID: P3042512.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.16	4.13	4.19
gamma-BHC (Lindane)	4.54	4.51	4.57
beta-BHC	4.67	4.64	4.70
delta-BHC	4.88	4.85	4.91
Heptachlor	5.16	5.13	5.19
Aldrin	5.61	5.58	5.64
Heptachlor epoxide	6.82	6.79	6.85
gamma-Chlordane	7.12	7.09	7.15
alpha-Chlordane	7.47	7.44	7.50
Endosulfan I	7.75	7.72	7.78
4,4'-DDE	7.85	7.82	7.88
Dieldrin	8.31	8.28	8.34
Endrin	8.77	8.74	8.80
4,4'-DDD	9.14	9.11	9.17
Endosulfan II	9.22	9.19	9.25
4,4'-DDT	9.67	9.64	9.70
Endrin aldehyde	10.03	10.00	10.06
Methoxychlor	10.63	10.60	10.66
Endosulfan sulfate	10.76	10.73	10.79
Endrin ketone	11.16	11.13	11.19
Tetrachloro-m-xylene	3.47	3.44	3.50
DCB Decachlorobiphenyl	12.79	12.76	12.82

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130425-19246.b\P3042512.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 25-Apr-2013 11:38:09 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0019246-012
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 12
Lims Batch ID: 83482 Lims Sample ID: 12
Sublist: chrom-PEST3*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130425-19246.b\PEST3.m
Last Update: 25-Apr-2013 15:40:10 Calib Date: 23-Apr-2013 17:41:50
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130423-19186.b\P3042315.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.471	3.472	-0.001	24625517	0.0279			
2	100	4.066	4.066	0.000	13144997	0.0274			
						RPD = 1.92			
5 alpha-BHC									
1	100	4.160	4.160	0.000	37905303	0.0279			
2	100	4.916	4.917	-0.001	19885863	0.0278			
						RPD = 0.15			
20 gamma-BHC (Lindane)									
1	100	4.537	4.537	0.000	32552546	0.0269			
2	100	5.495	5.496	-0.001	17024454	0.0272			
						RPD = 0.83			
7 beta-BHC									
1	100	4.670	4.670	0.000	13720930	0.0264			
2	100	5.680	5.681	-0.001	7486249	0.0269			
						RPD = 1.65			
11 delta-BHC									
1	100	4.882	4.883	-0.001	33385881	0.0273			
2	100	6.260	6.262	-0.002	17415906	0.0268			
						RPD = 1.62			
22 Heptachlor									
1	100	5.163	5.163	0.000	27258447	0.0264			
2	100	6.323	6.325	-0.002	13183262	0.0267			
						RPD = 0.99			
4 Aldrin									
1	100	5.609	5.611	-0.002	32330764	0.0297			
2	100	7.068	7.068	0.000	17039113	0.0294			
						RPD = 0.97			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.822	6.823	-0.001	27033538	0.0272			
2	100	8.566	8.568	-0.002	13991958	0.0272			
						RPD = 0.04			
21 gamma-Chlordane									
1	100	7.122	7.123	-0.001	27641564	0.0277			
2	100	8.973	8.973	0.000	14316594	0.0281			
						RPD = 1.68			
6 alpha-Chlordane									
1	100	7.469	7.470	-0.001	28596629	0.0279			
2	100	9.282	9.282	0.000	14550440	0.0278			
						RPD = 0.39			
14 Endosulfan I									
1	100	7.746	7.747	-0.001	24943946	0.0275			
2	100	9.346	9.349	-0.003	12746391	0.0278			
						RPD = 0.87			
2 4,4'-DDE									
1	100	7.849	7.850	-0.001	27795904	0.0287			
2	100	9.728	9.729	-0.001	14109894	0.0284			
						RPD = 1.03			
13 Dieldrin									
1	100	8.312	8.312	0.000	27505477	0.0276			
2	100	9.874	9.875	-0.001	13690228	0.0274			
						RPD = 0.72			
17 Endrin									
1	100	8.771	8.771	0.000	23527062	0.0253			
2	100	10.398	10.398	0.000	11620359	0.0253			
						RPD = 0.11			
1 4,4'-DDD									
1	100	9.138	9.139	-0.001	19455673	0.0260			
2	100	10.736	10.737	-0.001	9891255	0.0284			
						RPD = 8.67			
15 Endosulfan II									
1	100	9.223	9.223	0.000	22097907	0.0263			
2	100	10.768	10.768	0.000	11918382	0.0279			
						RPD = 5.79			
3 4,4'-DDT									
1	100	9.666	9.665	0.001	18225219	0.0259			
2	100	11.217	11.218	-0.001	8241874	0.0266			
						RPD = 2.64			
18 Endrin aldehyde									
1	100	10.030	10.030	0.000	15921726	0.0247			
2	100	11.334	11.335	-0.001	8160462	0.0252			
						RPD = 2.13			
27 Methoxychlor									
1	100	10.628	10.631	-0.003	10929992	0.0309			
2	100	12.300	12.300	0.000	4910621	0.0318			
						RPD = 2.99			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.762	10.762	0.000	20601911	0.0266			
2	100	11.753	11.752	0.001	10532990	0.0274			
						RPD = 3.18			
19 Endrin ketone									
1	100	11.162	11.164	-0.002	23822795	0.0265			
2	100	12.501	12.502	-0.001	11751419	0.0273			
						RPD = 3.03			
$ 10 DCB Decachlorobiphenyl									
1	100	12.785	12.785	0.000	23026312	0.0278			
2	100	14.218	14.217	0.001	11792910	0.0273			
						RPD = 1.94			

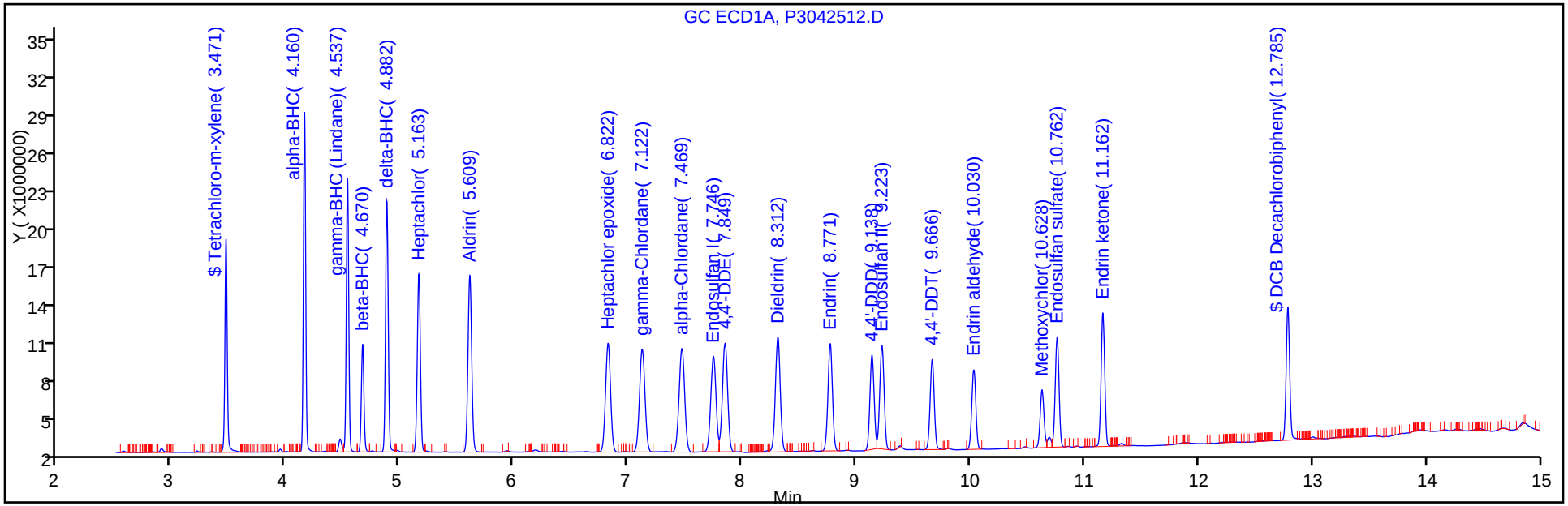
Report Date: 25-Apr-2013 15:40:11 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

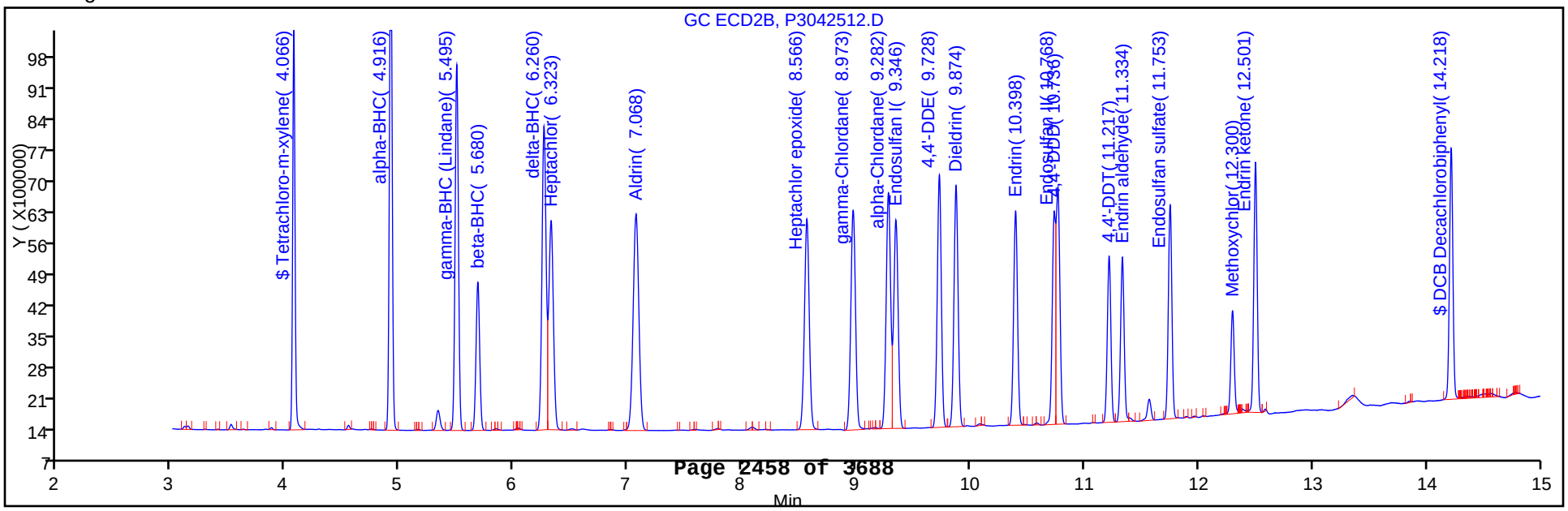
Data File: \\NCChrom\ChromData\A2HP3\20130425-19246.b\P3042512.D

Injection Date:	25-Apr-2013 11:38:09	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83482	Lims Sample ID:	12
Operator ID:	402582	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
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-83482/12 Calibration Date: 04/25/2013 11:38

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 22:54

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/23/2013 00:35

Lab File ID: P3042512.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	714126036	795434520		0.0278	0.0250	11.4	20.0
gamma-BHC (Lindane)	Ave	626844478	680978160		0.0272	0.0250	8.6	20.0
beta-BHC	Ave	278685187	299449960		0.0269	0.0250	7.5	20.0
delta-BHC	Ave	649094974	696636240		0.0268	0.0250	7.3	20.0
Heptachlor	Ave	494206075	527330480		0.0267	0.0250	6.7	20.0
Aldrin	Ave	579038535	681564520		0.0294	0.0250	17.7	20.0
Heptachlor epoxide	Ave	513668973	559678320		0.0272	0.0250	9.0	20.0
gamma-Chlordane	Ave	508733248	572663760		0.0281	0.0250	12.6	20.0
alpha-Chlordane	Ave	522623723	582017600		0.0278	0.0250	11.4	20.0
Endosulfan I	Ave	459163342	509855640		0.0278	0.0250	11.0	20.0
4,4'-DDE	Ave	496902560	564395760		0.0284	0.0250	13.6	20.0
Dieldrin	Ave	500474757	547609120		0.0274	0.0250	9.4	20.0
Endrin	Ave	458610093	464814360		0.0253	0.0250	1.4	20.0
4,4'-DDD	Ave	348673589	395650200		0.0284	0.0250	13.5	20.0
Endosulfan II	Ave	427445028	476735280		0.0279	0.0250	11.5	20.0
4,4'-DDT	Ave	309716187	329674960		0.0266	0.0250	6.4	20.0
Endrin aldehyde	Ave	323271966	326418480		0.0252	0.0250	1.0	20.0
Endosulfan sulfate	Ave	384218328	421319600		0.0274	0.0250	9.7	20.0
Methoxychlor	Ave	154205847	196424840		0.0318	0.0250	27.4*	20.0
Endrin ketone	Ave	429863795	470056760		0.0273	0.0250	9.4	20.0
Tetrachloro-m-xylene	Ave	480112544	525799880		0.0274	0.0250	9.5	20.0
DCB Decachlorobiphenyl	Ave	431941305	471716400		0.0273	0.0250	9.2	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-83482/12 Calibration Date: 04/25/2013 11:38

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 22:54

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/23/2013 00:35

Lab File ID: P3042512.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.92	4.89	4.95
gamma-BHC (Lindane)	5.50	5.47	5.53
beta-BHC	5.68	5.65	5.71
delta-BHC	6.26	6.23	6.29
Heptachlor	6.32	6.30	6.36
Aldrin	7.07	7.04	7.10
Heptachlor epoxide	8.57	8.54	8.60
gamma-Chlordane	8.97	8.94	9.00
alpha-Chlordane	9.28	9.25	9.31
Endosulfan I	9.35	9.32	9.38
4,4'-DDE	9.73	9.70	9.76
Dieldrin	9.87	9.85	9.91
Endrin	10.40	10.37	10.43
4,4'-DDD	10.74	10.71	10.77
Endosulfan II	10.77	10.74	10.80
4,4'-DDT	11.22	11.19	11.25
Endrin aldehyde	11.33	11.31	11.37
Endosulfan sulfate	11.75	11.72	11.78
Methoxychlor	12.30	12.27	12.33
Endrin ketone	12.50	12.47	12.53
Tetrachloro-m-xylene	4.07	4.04	4.10
DCB Decachlorobiphenyl	14.22	14.19	14.25

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130425-19246.b\P3042512.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 25-Apr-2013 11:38:09 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0019246-012
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 12
Lims Batch ID: 83482 Lims Sample ID: 12
Sublist: chrom-PEST3*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130425-19246.b\PEST3.m
Last Update: 25-Apr-2013 15:40:10 Calib Date: 23-Apr-2013 17:41:50
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130423-19186.b\P3042315.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.471	3.472	-0.001	24625517	0.0279			
2	100	4.066	4.066	0.000	13144997	0.0274			
						RPD = 1.92			
5 alpha-BHC									
1	100	4.160	4.160	0.000	37905303	0.0279			
2	100	4.916	4.917	-0.001	19885863	0.0278			
						RPD = 0.15			
20 gamma-BHC (Lindane)									
1	100	4.537	4.537	0.000	32552546	0.0269			
2	100	5.495	5.496	-0.001	17024454	0.0272			
						RPD = 0.83			
7 beta-BHC									
1	100	4.670	4.670	0.000	13720930	0.0264			
2	100	5.680	5.681	-0.001	7486249	0.0269			
						RPD = 1.65			
11 delta-BHC									
1	100	4.882	4.883	-0.001	33385881	0.0273			
2	100	6.260	6.262	-0.002	17415906	0.0268			
						RPD = 1.62			
22 Heptachlor									
1	100	5.163	5.163	0.000	27258447	0.0264			
2	100	6.323	6.325	-0.002	13183262	0.0267			
						RPD = 0.99			
4 Aldrin									
1	100	5.609	5.611	-0.002	32330764	0.0297			
2	100	7.068	7.068	0.000	17039113	0.0294			
						RPD = 0.97			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.822	6.823	-0.001	27033538	0.0272			
2	100	8.566	8.568	-0.002	13991958	0.0272			
						RPD = 0.04			
21 gamma-Chlordane									
1	100	7.122	7.123	-0.001	27641564	0.0277			
2	100	8.973	8.973	0.000	14316594	0.0281			
						RPD = 1.68			
6 alpha-Chlordane									
1	100	7.469	7.470	-0.001	28596629	0.0279			
2	100	9.282	9.282	0.000	14550440	0.0278			
						RPD = 0.39			
14 Endosulfan I									
1	100	7.746	7.747	-0.001	24943946	0.0275			
2	100	9.346	9.349	-0.003	12746391	0.0278			
						RPD = 0.87			
2 4,4'-DDE									
1	100	7.849	7.850	-0.001	27795904	0.0287			
2	100	9.728	9.729	-0.001	14109894	0.0284			
						RPD = 1.03			
13 Dieldrin									
1	100	8.312	8.312	0.000	27505477	0.0276			
2	100	9.874	9.875	-0.001	13690228	0.0274			
						RPD = 0.72			
17 Endrin									
1	100	8.771	8.771	0.000	23527062	0.0253			
2	100	10.398	10.398	0.000	11620359	0.0253			
						RPD = 0.11			
1 4,4'-DDD									
1	100	9.138	9.139	-0.001	19455673	0.0260			
2	100	10.736	10.737	-0.001	9891255	0.0284			
						RPD = 8.67			
15 Endosulfan II									
1	100	9.223	9.223	0.000	22097907	0.0263			
2	100	10.768	10.768	0.000	11918382	0.0279			
						RPD = 5.79			
3 4,4'-DDT									
1	100	9.666	9.665	0.001	18225219	0.0259			
2	100	11.217	11.218	-0.001	8241874	0.0266			
						RPD = 2.64			
18 Endrin aldehyde									
1	100	10.030	10.030	0.000	15921726	0.0247			
2	100	11.334	11.335	-0.001	8160462	0.0252			
						RPD = 2.13			
27 Methoxychlor									
1	100	10.628	10.631	-0.003	10929992	0.0309			
2	100	12.300	12.300	0.000	4910621	0.0318			
						RPD = 2.99			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.762	10.762	0.000	20601911	0.0266			
2	100	11.753	11.752	0.001	10532990	0.0274			
						RPD = 3.18			
19 Endrin ketone									
1	100	11.162	11.164	-0.002	23822795	0.0265			
2	100	12.501	12.502	-0.001	11751419	0.0273			
						RPD = 3.03			
$ 10 DCB Decachlorobiphenyl									
1	100	12.785	12.785	0.000	23026312	0.0278			
2	100	14.218	14.217	0.001	11792910	0.0273			
						RPD = 1.94			

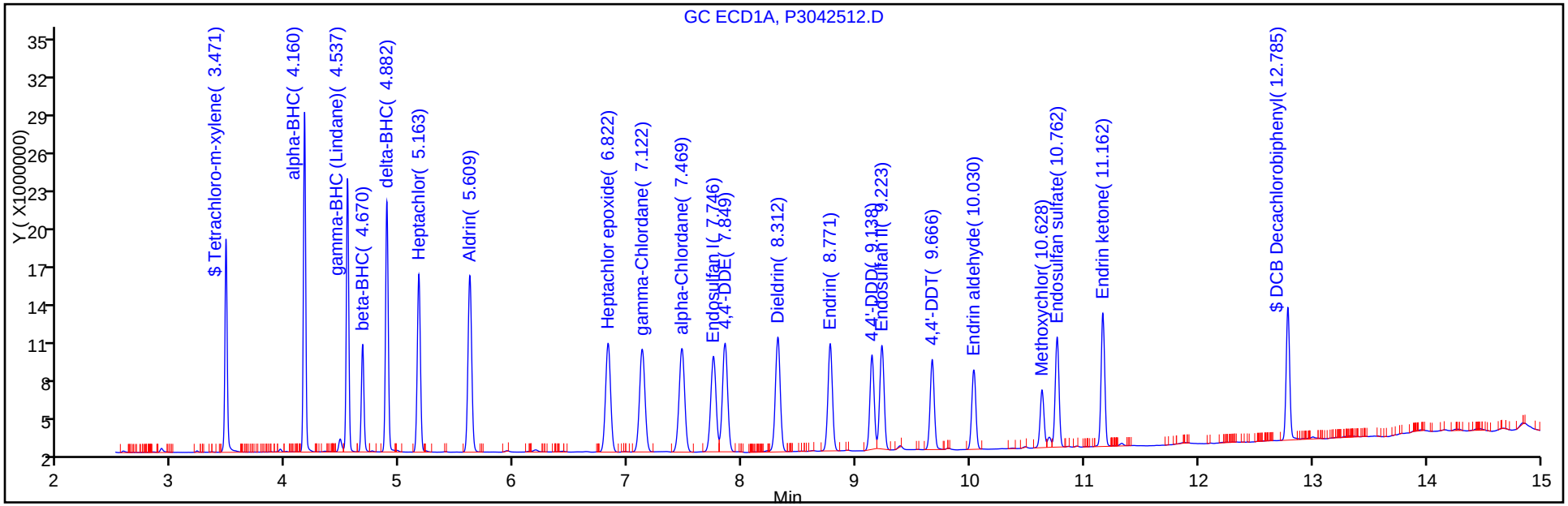
Report Date: 25-Apr-2013 15:40:11 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

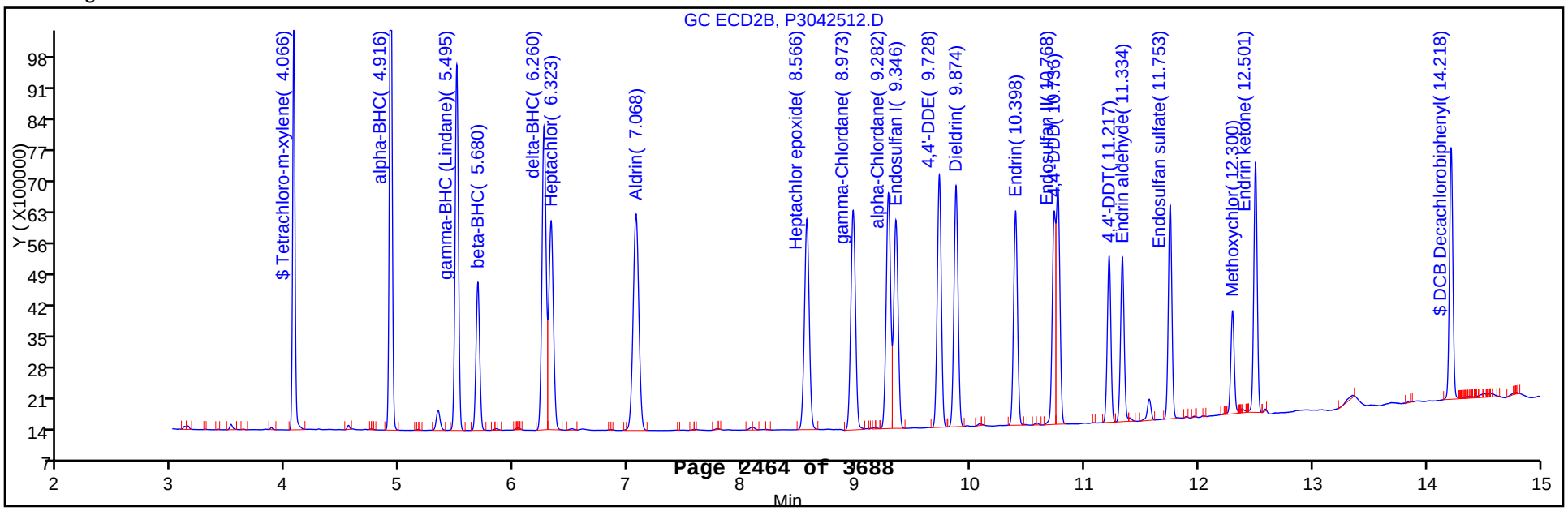
Data File: \\NCChrom\ChromData\A2HP3\20130425-19246.b\P3042512.D

Injection Date:	25-Apr-2013 11:38:09	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83482	Lims Sample ID:	12
Operator ID:	402582	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
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-83482/21 Calibration Date: 04/25/2013 14:39

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 18:52

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/22/2013 20:13

Lab File ID: P3042521.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	38294747	42462771		1.11	1.00	10.9	20.0
Toxaphene Peak 2	Ave	36690952	34617958		0.944	1.00	-5.6	20.0
Toxaphene Peak 3	Ave	28834208	23180752		0.804	1.00	-19.6	20.0
Toxaphene Peak 4	Ave	23017922	21110636		0.917	1.00	-8.3	20.0
Toxaphene Peak 5	Ave	18081479	12577149		0.696	1.00	-30.4*	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-83482/21 Calibration Date: 04/25/2013 14:39

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 18:52

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 04/22/2013 20:13

Lab File ID: P3042521.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	10.22	10.19	10.25
Toxaphene Peak 2	10.56	10.53	10.59
Toxaphene Peak 3	10.72	10.69	10.75
Toxaphene Peak 4	11.14	11.11	11.17
Toxaphene Peak 5	11.41	11.38	11.44

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130425-19246.b\P3042521.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 25-Apr-2013 14:39:45 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0019246-021
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 21
Lims Batch ID: 83482 Lims Sample ID: 21
Sublist: chrom-PEST3*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130425-19246.b\PEST3.m
Last Update: 26-Apr-2013 15:52:53 Calib Date: 23-Apr-2013 17:41:50
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130423-19186.b\P3042315.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK026

First Level Reviewer: shockr Date: 25-Apr-2013 15:06:06

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	1	10.218	10.218	0.000	42462771	1.11		100.0	
1	2	10.564	10.564	0.000	34617958	0.9435	77.7- 117.7	81.5	
1	3	10.717	10.717	0.000	23180752	0.8039	57.0- 97.0	54.6	
1	4	11.135	11.135	0.000	21110636	0.9171	39.5- 79.5	49.7	
1	5	11.405	11.405	0.000	12577149	0.6956	26.4- 66.4	29.6	
			Average of Peak Amounts =			0.8938			
2	100	10.321	10.321	0.000	15546103	1.04		100.0	M
2	2	10.915	10.915	0.000	19402833	1.06	102.8- 142.8	124.8	M
2	3	11.338	11.338	0.000	22071414	1.03	124.4- 164.4	142.0	M
2	4	12.079	12.079	0.000	27314080	1.14	139.5- 179.5	175.7	M
2	5	12.639	12.639	0.000	9446138	0.9800	45.4- 85.4	60.8	M
			Average of Peak Amounts =			1.05			
						RPD = 15.95			

QC Flag Legend

Review Flags
M - Manually Integrated

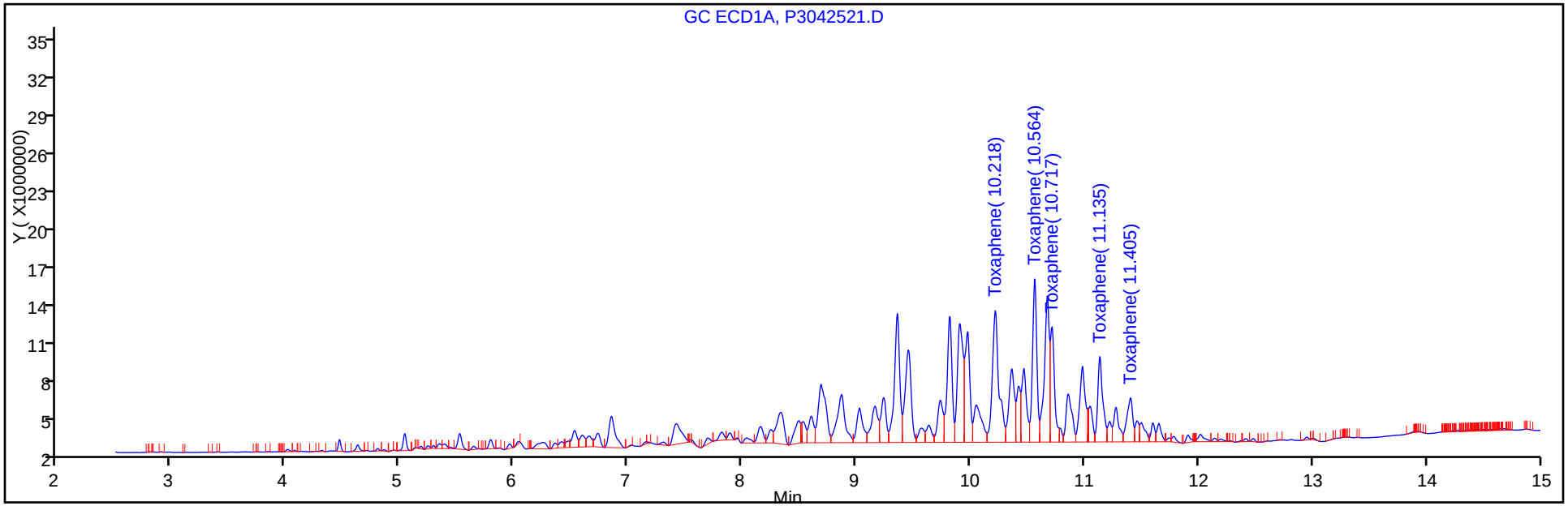
Report Date: 26-Apr-2013 15:52:53 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

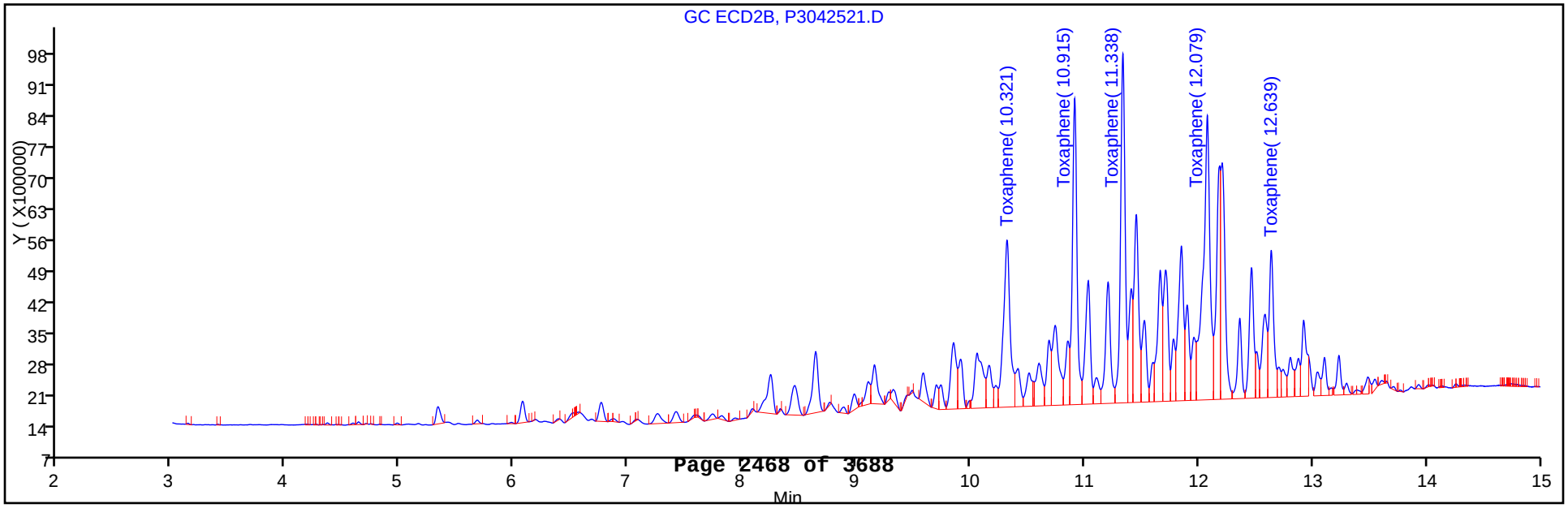
Data File: \\NCChrom\ChromData\A2HP3\20130425-19246.b\P3042521.D

Injection Date:	25-Apr-2013 14:39:45	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83482	Lims Sample ID:	21
Operator ID:	402582	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
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-83482/21 Calibration Date: 04/25/2013 14:39

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 18:52

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/22/2013 20:13

Lab File ID: P3042521.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	14975845	15546103		1.04	1.00	3.8	20.0
Toxaphene Peak 2	Ave	18337483	19402833		1.06	1.00	5.8	20.0
Toxaphene Peak 3	Ave	21437307	22071414		1.03	1.00	3.0	20.0
Toxaphene Peak 4	Ave	24002348	27314080		1.14	1.00	13.8	20.0
Toxaphene Peak 5	Ave	9638555	9446138		0.980	1.00	-2.0	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-83482/21 Calibration Date: 04/25/2013 14:39

Instrument ID: A2HP3 Calib Start Date: 04/22/2013 18:52

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/22/2013 20:13

Lab File ID: P3042521.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	10.32	10.29	10.35
Toxaphene Peak 2	10.92	10.89	10.95
Toxaphene Peak 3	11.34	11.31	11.37
Toxaphene Peak 4	12.08	12.05	12.11
Toxaphene Peak 5	12.64	12.61	12.67

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130425-19246.b\P3042521.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 25-Apr-2013 14:39:45 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0019246-021
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 21
Lims Batch ID: 83482 Lims Sample ID: 21
Sublist: chrom-PEST3*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130425-19246.b\PEST3.m
Last Update: 26-Apr-2013 15:52:53 Calib Date: 23-Apr-2013 17:41:50
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130423-19186.b\P3042315.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK026

First Level Reviewer: shockr Date: 25-Apr-2013 15:06:06

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	1	10.218	10.218	0.000	42462771	1.11		100.0	
1	2	10.564	10.564	0.000	34617958	0.9435	77.7- 117.7	81.5	
1	3	10.717	10.717	0.000	23180752	0.8039	57.0- 97.0	54.6	
1	4	11.135	11.135	0.000	21110636	0.9171	39.5- 79.5	49.7	
1	5	11.405	11.405	0.000	12577149	0.6956	26.4- 66.4	29.6	
			Average of Peak Amounts =			0.8938			
2	100	10.321	10.321	0.000	15546103	1.04		100.0	M
2	2	10.915	10.915	0.000	19402833	1.06	102.8- 142.8	124.8	M
2	3	11.338	11.338	0.000	22071414	1.03	124.4- 164.4	142.0	M
2	4	12.079	12.079	0.000	27314080	1.14	139.5- 179.5	175.7	M
2	5	12.639	12.639	0.000	9446138	0.9800	45.4- 85.4	60.8	M
			Average of Peak Amounts =			1.05			
						RPD = 15.95			

QC Flag Legend

Review Flags
M - Manually Integrated

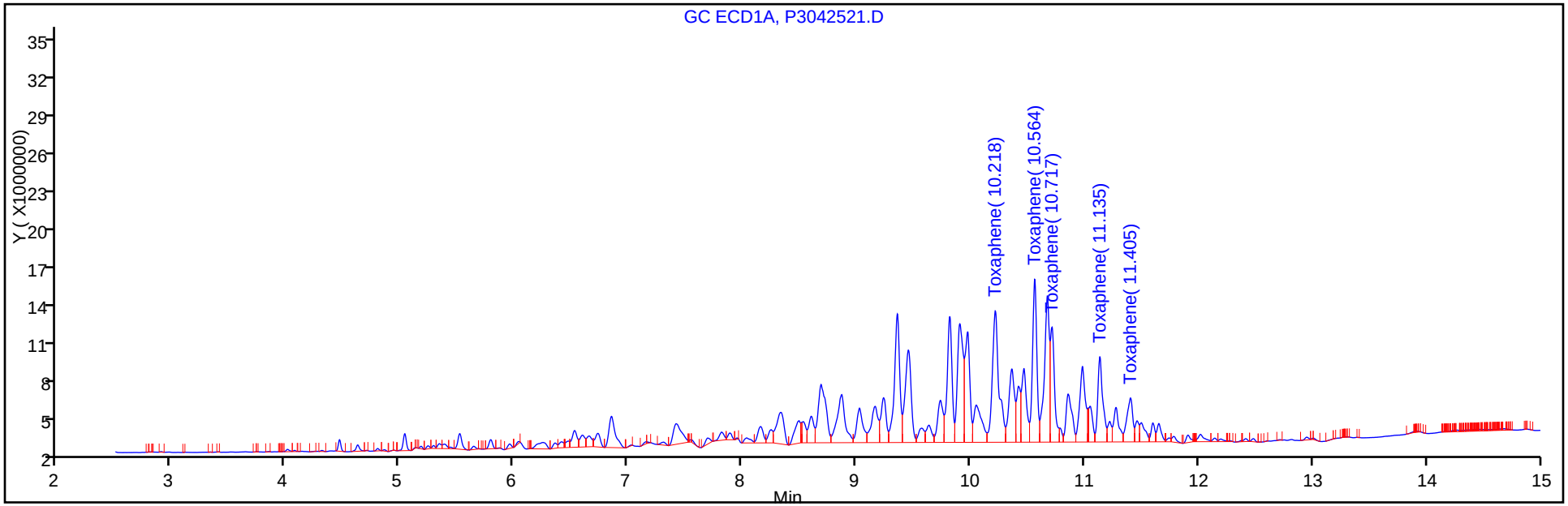
Report Date: 26-Apr-2013 15:52:53 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

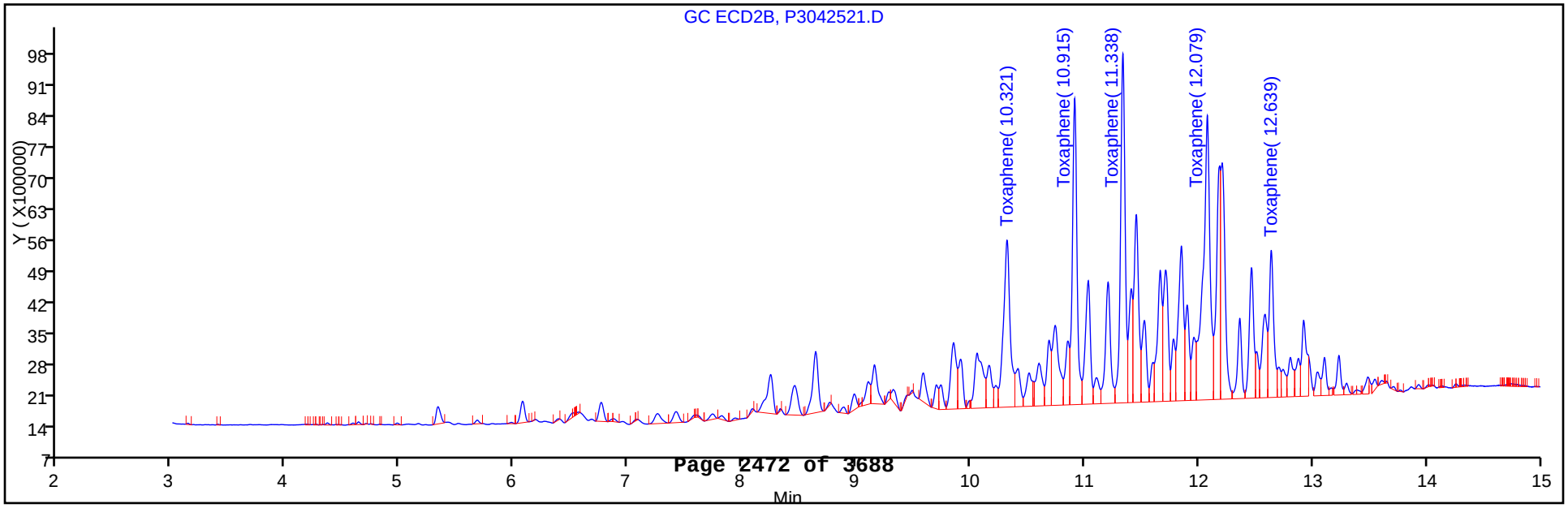
Data File: \\NCChrom\ChromData\A2HP3\20130425-19246.b\P3042521.D

Injection Date:	25-Apr-2013 14:39:45	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83482	Lims Sample ID:	21
Operator ID:	402582	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



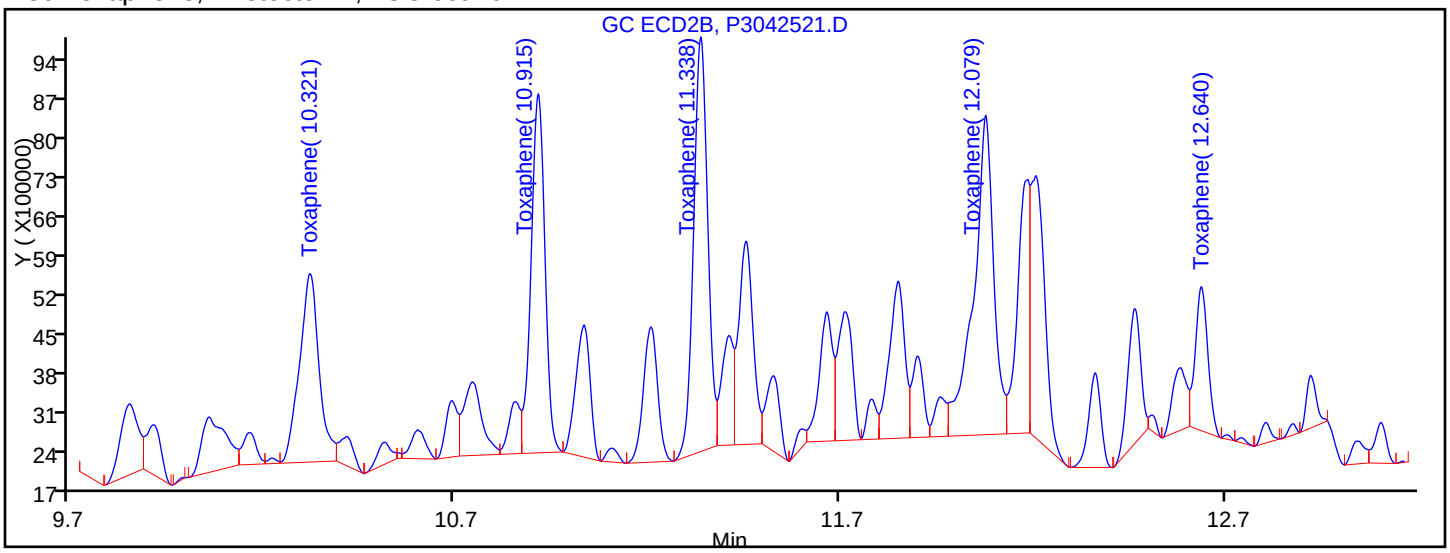
Report Date: 26-Apr-2013 15:52:54 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP3\20130425-19246.b\P3042521.D

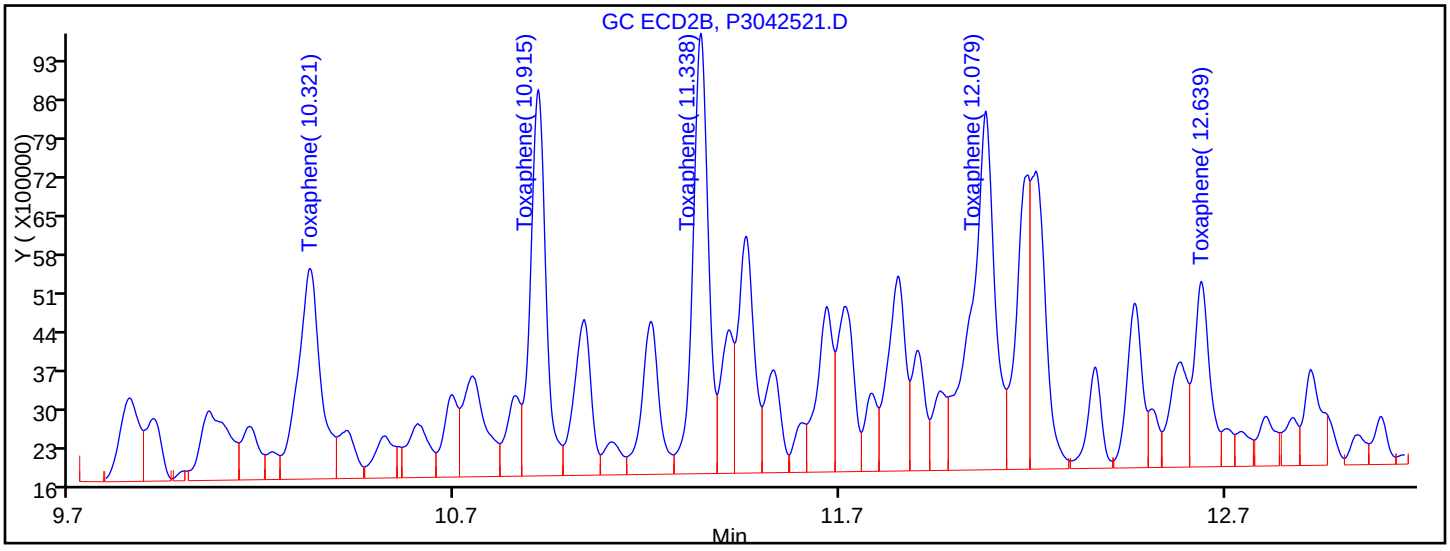
Injection Date:	25-Apr-2013 14:39:45	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83482	Lims Sample ID:	21
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 2, GC ecd2b



Processing Integration Results

RT = 10.321	Response = 11887010	M
RT = 10.915	Response = 16007028	M
RT = 11.338	Response = 18875511	M
RT = 12.079	Response = 20629193	M
RT = 12.640	Response = 5839568	M



Manual Integration Results

RT = 10.321	Response = 15546103	M
RT = 10.915	Response = 19402833	M
RT = 11.338	Response = 22071414	M
RT = 12.079	Response = 27314080	M
RT = 12.639	Response = 9446138	M

Reviewer: shockr, 25-Apr-2013 15:06:06

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22804-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-80943/2-A

Matrix: Water | Lab File ID: P3041623.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: 3520C | Date Extracted: 04/08/2013 09:24

Sample wt/vol: 1000(mL) | Date Analyzed: 04/16/2013 19:40

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.: 82129 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.010	U	0.050	0.010	0.0096
72-55-9	4,4'-DDE	0.010	U	0.050	0.010	0.0097
50-29-3	4,4'-DDT	0.030	U	0.050	0.030	0.016
309-00-2	Aldrin	0.010	U	0.050	0.010	0.0082
319-84-6	alpha-BHC	0.010	U	0.050	0.010	0.0070
5103-71-9	alpha-Chlordane	0.014	U	0.050	0.014	0.014
319-85-7	beta-BHC	0.010	U	0.050	0.010	0.0084
319-86-8	delta-BHC	0.010	U	0.050	0.010	0.0087
60-57-1	Dieldrin	0.010	U	0.050	0.010	0.0075
959-98-8	Endosulfan I	0.013	U	0.050	0.013	0.013
33213-65-9	Endosulfan II	0.012	U	0.050	0.012	0.012
1031-07-8	Endosulfan sulfate	0.011	U	0.050	0.011	0.011
72-20-8	Endrin	0.011	U	0.050	0.011	0.011
7421-93-4	Endrin aldehyde	0.011	U	0.050	0.011	0.011
53494-70-5	Endrin ketone	0.010	U	0.050	0.010	0.0078
58-89-9	gamma-BHC (Lindane)	0.010	U	0.050	0.010	0.0064
5103-74-2	gamma-Chlordane	0.012	U	0.050	0.012	0.012
76-44-8	Heptachlor	0.010	U	0.050	0.010	0.0080
1024-57-3	Heptachlor epoxide	0.010	U	0.050	0.010	0.0071
72-43-5	Methoxychlor	0.032	U	0.10	0.032	0.032
8001-35-2	Toxaphene	0.50	U	2.0	0.50	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	87		30-135
877-09-8	Tetrachloro-m-xylene	73		25-140

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041623.D		
Lims ID:	MB 240-80943/2-A	Client ID:	
Inject. Date:	16-Apr-2013 19:40:54	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	240-0018914-023		
Misc. Info.:			
Operator:	402582	Instrument ID:	A2HP3
Injection Vol:	1.0 ul	ALS Bottle#:	23
Lims Batch ID:	82129	Lims Sample ID:	23
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP3\20130416-18914.b\PEST3.m		
Last Update:	17-Apr-2013 10:53:12	Calib Date:	16-Apr-2013 14:58:16
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		
First Level Reviewer: shockr		Date:	17-Apr-2013 09:51:48

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.495	3.494	0.001	31908651	0.0290			
2	100	4.092	4.093	-0.001	17790912	0.0295			
						RPD = 1.55			
12 Diallate									
1	100		3.757						
1	2		4.066						
2	100		4.337						
2	2		4.674						
24 Hexachlorobenzene									
1	100		3.967						
2	100		4.710						
5 alpha-BHC									
1	100		4.184						
2	100		4.949						
20 gamma-BHC (Lindane)									
1	100		4.564						
2	100		5.532						
7 beta-BHC									
1	100		4.697						
2	100		5.717						
11 delta-BHC									
1	100		4.911						
2	100		6.301						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									1
1	100		5.081						
1	2		5.938						
1	3		7.171						
1	4		7.514						
2	100		6.061						
2	2		7.632						
2	3		9.010						
2	4		9.320						
22 Heptachlor									
1	100		5.194						
2	100		6.364						
4 Aldrin									
1	100		5.644						
2	100		7.112						
25 Isodrin									1
1	100		6.228						
2	100		8.128						
23 Heptachlor epoxide									
1	100		6.869						
2	100		8.605						
21 gamma-Chlordane									
1	100		7.170						
2	100		9.010						
6 alpha-Chlordane									1
1	100		7.517						
2	100		9.319						
14 Endosulfan I									1
1	100		7.794						
2	100		9.386						
2 4,4'-DDE									
1	100		7.894						
2	100		9.765						
28 Mirex									
1	100	8.286	8.279	0.007	41376	0			
2	100	9.217	9.197	0.020	11573	0			
						RPD = 0.00			
13 Dieldrin									
1	100		8.357						
2	100		9.913						
17 Endrin									
1	100		8.817						
2	100		10.435						
26 Kepone									
1	100		8.886						
2	100		10.595						
1 4,4'-DDD									1
1	100		9.184						
2	100		10.774						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
15 Endosulfan II									1
1	100		9.269						
2	100		10.808						
9 Chlorobenzilate									
1	100	9.312	9.289	0.023	377606	0.005354			
2	100	10.609	10.597	0.012	202020	0.005322			
						RPD = 0.59			
3 4,4'-DDT									1
1	100		9.710						
2	100		11.256						
18 Endrin aldehyde									1
1	100		10.074						
2	100		11.372						
30 Toxaphene									1
1	1		10.265						
1	2		10.611						
1	3		10.765						
1	4		11.181						
1	5		11.449						
2	100		10.363						
2	2		10.955						
2	3		11.376						
2	4		12.119						
2	5		12.679						
27 Methoxychlor									
1	100		10.672						
2	100		12.337						
16 Endosulfan sulfate									
1	100		10.805						
2	100		11.791						
19 Endrin ketone									
1	100		11.206						
2	100		12.539						
$ 10 DCB Decachlorobiphenyl									
1	100	12.829	12.827	0.002	33248841	0.0346			
2	100	14.255	14.254	0.001	17353577	0.0361			
						RPD = 4.17			

QC Flag Legend

Processing Flags
1 - Missing Peaks

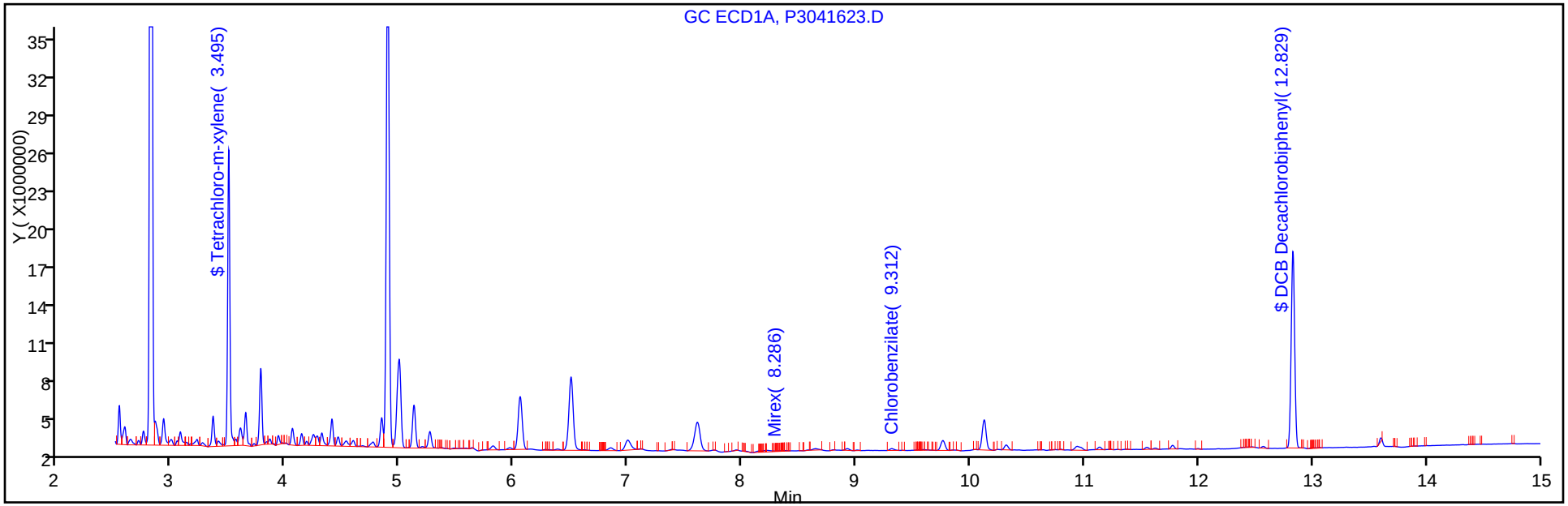
Report Date: 17-Apr-2013 10:53:16 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

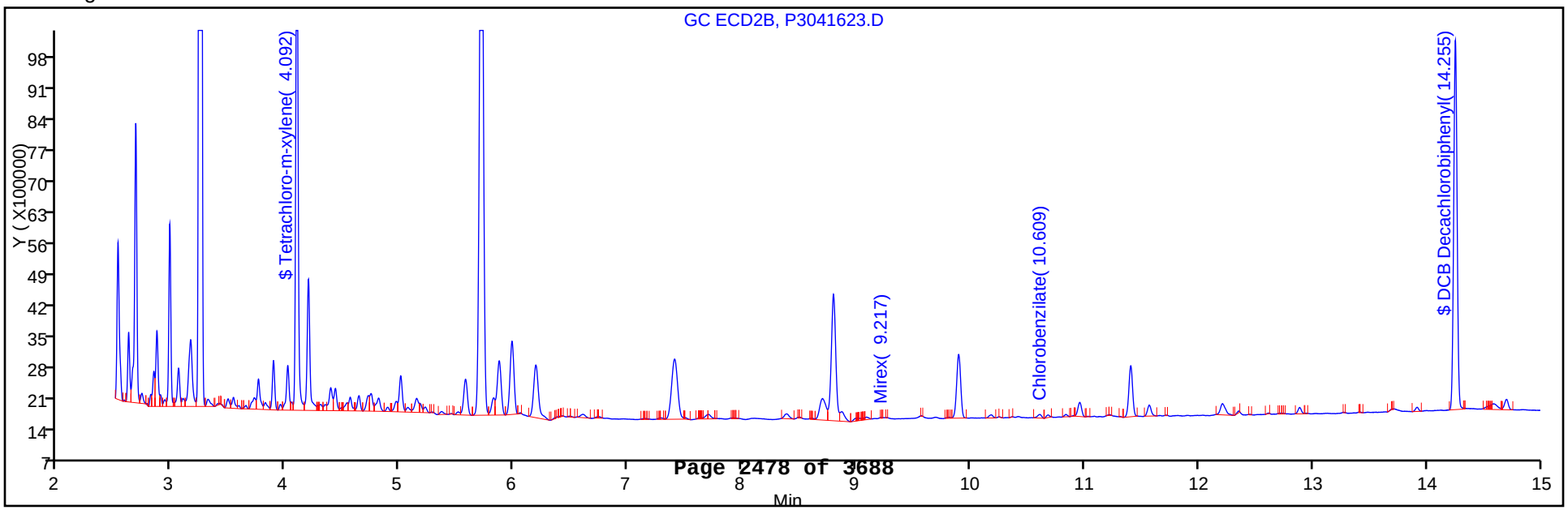
Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041623.D

Injection Date:	16-Apr-2013 19:40:54	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82129	Lims Sample ID:	23
Operator ID:	402582	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
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-80943/2-A

Matrix: Water Lab File ID: P3041623.D

Analysis Method: 8081/DOD Date Collected:

Extraction Method: 3520C Date Extracted: 04/08/2013 09:24

Sample wt/vol: 1000(mL) Date Analyzed: 04/16/2013 19:40

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.: 82129 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	90		30-135
877-09-8	Tetrachloro-m-xylene	74		25-140

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041623.D		
Lims ID:	MB 240-80943/2-A	Client ID:	
Inject. Date:	16-Apr-2013 19:40:54	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	240-0018914-023		
Misc. Info.:			
Operator:	402582	Instrument ID:	A2HP3
Injection Vol:	1.0 ul	ALS Bottle#:	23
Lims Batch ID:	82129	Lims Sample ID:	23
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP3\20130416-18914.b\PEST3.m		
Last Update:	17-Apr-2013 10:53:12	Calib Date:	16-Apr-2013 14:58:16
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		
First Level Reviewer: shockr		Date:	17-Apr-2013 09:51:48

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.495	3.494	0.001	31908651	0.0290			
2	100	4.092	4.093	-0.001	17790912	0.0295			
						RPD = 1.55			
12 Diallate									
1	100		3.757						
1	2		4.066						
2	100		4.337						
2	2		4.674						
24 Hexachlorobenzene									
1	100		3.967						
2	100		4.710						
5 alpha-BHC									
1	100		4.184						
2	100		4.949						
20 gamma-BHC (Lindane)									
1	100		4.564						
2	100		5.532						
7 beta-BHC									
1	100		4.697						
2	100		5.717						
11 delta-BHC									
1	100		4.911						
2	100		6.301						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									1
1	100		5.081						
1	2		5.938						
1	3		7.171						
1	4		7.514						
2	100		6.061						
2	2		7.632						
2	3		9.010						
2	4		9.320						
22 Heptachlor									
1	100		5.194						
2	100		6.364						
4 Aldrin									
1	100		5.644						
2	100		7.112						
25 Isodrin									1
1	100		6.228						
2	100		8.128						
23 Heptachlor epoxide									
1	100		6.869						
2	100		8.605						
21 gamma-Chlordane									
1	100		7.170						
2	100		9.010						
6 alpha-Chlordane									1
1	100		7.517						
2	100		9.319						
14 Endosulfan I									1
1	100		7.794						
2	100		9.386						
2 4,4'-DDE									
1	100		7.894						
2	100		9.765						
28 Mirex									
1	100	8.286	8.279	0.007	41376	0			
2	100	9.217	9.197	0.020	11573	0			
						RPD = 0.00			
13 Dieldrin									
1	100		8.357						
2	100		9.913						
17 Endrin									
1	100		8.817						
2	100		10.435						
26 Kepone									
1	100		8.886						
2	100		10.595						
1 4,4'-DDD									1
1	100		9.184						
2	100		10.774						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
15 Endosulfan II									1
1	100		9.269						
2	100		10.808						
9 Chlorobenzilate									
1	100	9.312	9.289	0.023	377606	0.005354			
2	100	10.609	10.597	0.012	202020	0.005322			
						RPD = 0.59			
3 4,4'-DDT									1
1	100		9.710						
2	100		11.256						
18 Endrin aldehyde									1
1	100		10.074						
2	100		11.372						
30 Toxaphene									1
1	1		10.265						
1	2		10.611						
1	3		10.765						
1	4		11.181						
1	5		11.449						
2	100		10.363						
2	2		10.955						
2	3		11.376						
2	4		12.119						
2	5		12.679						
27 Methoxychlor									
1	100		10.672						
2	100		12.337						
16 Endosulfan sulfate									
1	100		10.805						
2	100		11.791						
19 Endrin ketone									
1	100		11.206						
2	100		12.539						
$ 10 DCB Decachlorobiphenyl									
1	100	12.829	12.827	0.002	33248841	0.0346			
2	100	14.255	14.254	0.001	17353577	0.0361			
						RPD = 4.17			

QC Flag Legend

Processing Flags
1 - Missing Peaks

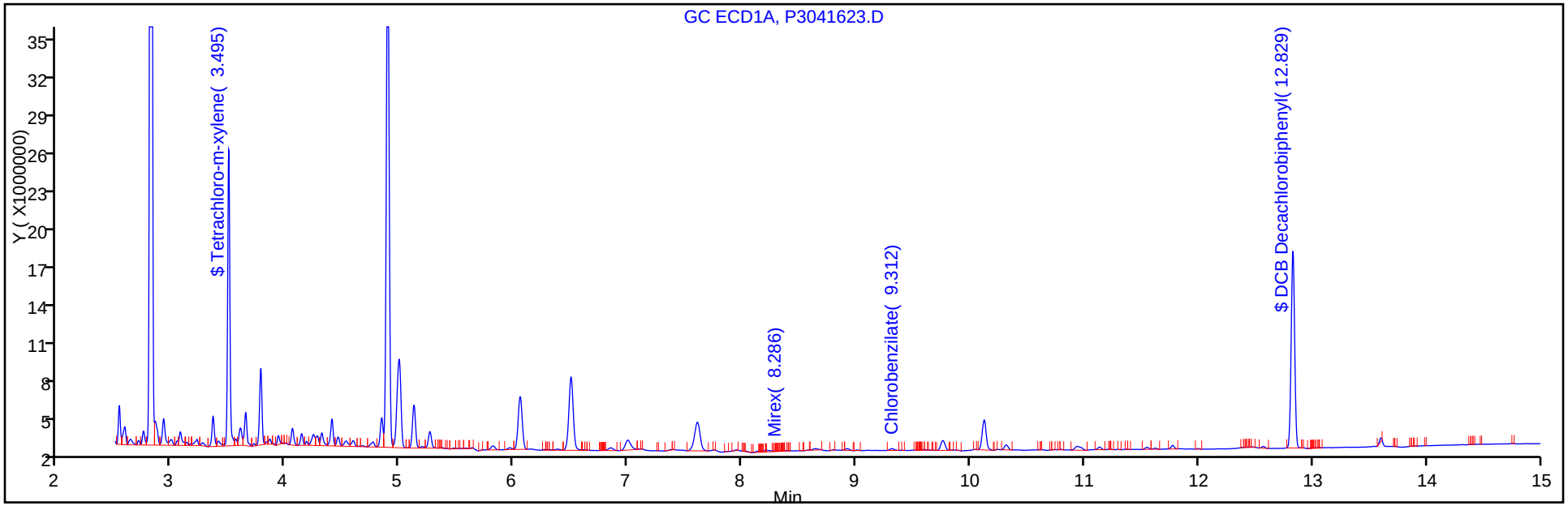
Report Date: 17-Apr-2013 10:53:16 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

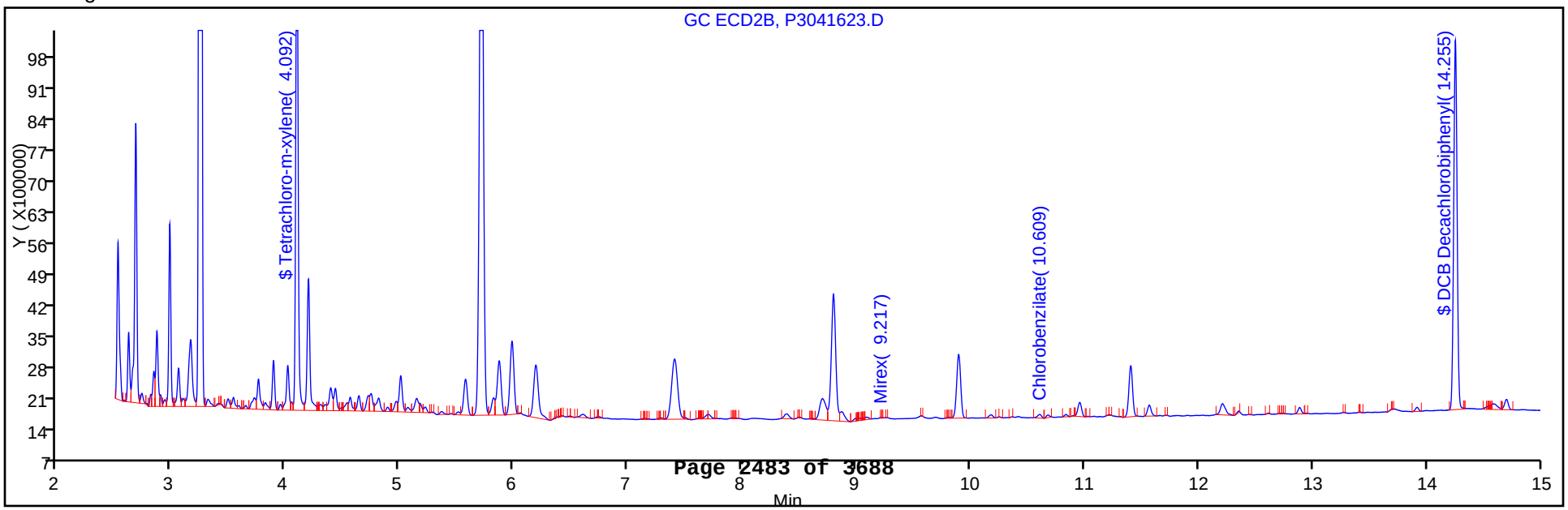
Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041623.D

Injection Date:	16-Apr-2013 19:40:54	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82129	Lims Sample ID:	23
Operator ID:	402582	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
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22804-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-81726/21-A

Matrix: Solid | Lab File ID: P3041914.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 04/12/2013 11:07

Sample wt/vol: 30.00(g) | Date Analyzed: 04/19/2013 15:17

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.: 82685 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.67	U	2.0	0.67	0.62
72-55-9	4,4'-DDE	0.67	U	1.7	0.67	0.39
50-29-3	4,4'-DDT	0.67	U	2.0	0.67	0.63
309-00-2	Aldrin	1.3	U	4.0	1.3	1.2
319-84-6	alpha-BHC	1.3	U	2.5	1.3	0.73
5103-71-9	alpha-Chlordane	1.3	U	3.0	1.3	0.94
319-85-7	beta-BHC	1.3	U	3.5	1.3	1.1
319-86-8	delta-BHC	1.3	U	4.0	1.3	1.2
60-57-1	Dieldrin	0.67	U	1.7	0.67	0.47
959-98-8	Endosulfan I	0.67	U	1.7	0.67	0.52
33213-65-9	Endosulfan II	1.3	U	2.5	1.3	0.82
1031-07-8	Endosulfan sulfate	1.3	U	3.0	1.3	0.87
72-20-8	Endrin	0.67	U	1.7	0.67	0.50
7421-93-4	Endrin aldehyde	1.3	U	3.0	1.3	1.0
53494-70-5	Endrin ketone	0.67	U	2.0	0.67	0.63
58-89-9	gamma-BHC (Lindane)	1.3	U	2.5	1.3	0.74
5103-74-2	gamma-Chlordane	0.67	U	1.7	0.67	0.42
76-44-8	Heptachlor	1.3	U	3.5	1.3	1.1
1024-57-3	Heptachlor epoxide	1.3	U	2.5	1.3	0.80
72-43-5	Methoxychlor	3.3	U	5.0	3.3	1.5
8001-35-2	Toxaphene	20	U	67	20	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	64		55-130
877-09-8	Tetrachloro-m-xylene	59	Q	70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041914.D		
Lims ID:	MB 240-81726/21-A	Client ID:	
Inject. Date:	19-Apr-2013 15:17:17	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	240-0019054-014		
Misc. Info.:			
Operator:	402582	Instrument ID:	A2HP3
Injection Vol:	1.0 ul	ALS Bottle#:	14
Lims Batch ID:	82685	Lims Sample ID:	14
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP3\20130419-19054.b\PEST3.m		
Last Update:	20-Apr-2013 07:39:36	Calib Date:	16-Apr-2013 14:58:16
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK028		
First Level Reviewer: shockr		Date:	19-Apr-2013 16:50:05

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.477	3.490	-0.013	12929838	0.0118			
2	100	4.075	4.092	-0.017	6940422	0.0115			
						RPD = 2.25			
12 Diallate									
1	100		3.751						
1	2		4.058						
2	100		4.331						
2	2		4.667						
24 Hexachlorobenzene									
1	100		3.963						
2	100		4.709						
5 alpha-BHC									
1	100		4.181						
2	100		4.949						
20 gamma-BHC (Lindane)									
1	100		4.561						
2	100		5.533						
7 beta-BHC									1
1	100		4.695						
2	100		5.719						
11 delta-BHC									
1	100		4.910						
2	100		6.304						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									1
1	100		5.080						
1	2		5.939						
1	3		7.174						
1	4		7.517						
2	100		6.059						
2	2		7.630						
2	3		9.010						
2	4		9.316						
22 Heptachlor									
1	100		5.194						
2	100		6.366						
4 Aldrin									
1	100		5.644						
2	100		7.115						
25 Isodrin									1
1	100		6.228						
2	100		8.129						
23 Heptachlor epoxide									
1	100		6.870						
2	100		8.607						
21 gamma-Chlordane									1
1	100		7.172						
2	100		9.012						
6 alpha-Chlordane									
1	100		7.520						
2	100		9.322						
14 Endosulfan I									1
1	100		7.795						
2	100		9.388						
2 4,4'-DDE									
1	100		7.897						
2	100		9.766						
28 Mirex									
1	100		8.279						
2	100		9.197						
13 Dieldrin									1
1	100		8.357						
2	100		9.914						
17 Endrin									
1	100		8.816						
2	100		10.435						
26 Kepone									
1	100		8.885						
2	100		10.592						
1 4,4'-DDD									1
1	100		9.182						
2	100		10.775						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
15 Endosulfan II									
1	100		9.268						
2	100		10.807						
9 Chlorobenzilate									1
1	100		9.275						
2	100		10.585						
3 4,4'-DDT									1
1	100		9.706						
2	100		11.256						
18 Endrin aldehyde									
1	100		10.070						
2	100		11.374						
30 Toxaphene									1
1	1		10.261						
1	2		10.605						
1	3		10.758						
1	4		11.174						
1	5		11.446						
2	100		10.363						
2	2		10.953						
2	3		11.373						
2	4		12.117						
2	5		12.677						
27 Methoxychlor									
1	100		10.667						
2	100		12.336						
16 Endosulfan sulfate									
1	100		10.800						
2	100		11.791						
19 Endrin ketone									
1	100		11.201						
2	100		12.539						
$ 10 DCB Decachlorobiphenyl									
1	100	12.816	12.824	-0.008	12271058	0.0128			
2	100	14.235	14.253	-0.018	6014759	0.0125			
						RPD = 2.11			

QC Flag Legend

Processing Flags
1 - Missing Peaks

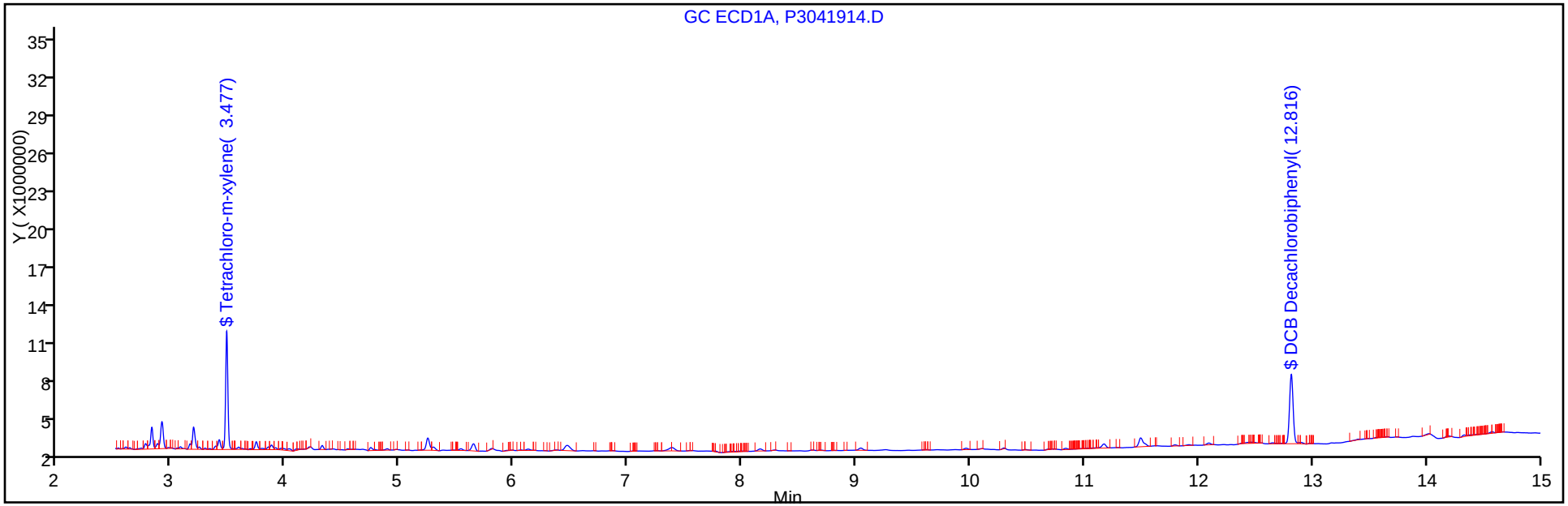
Report Date: 20-Apr-2013 07:39:40 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

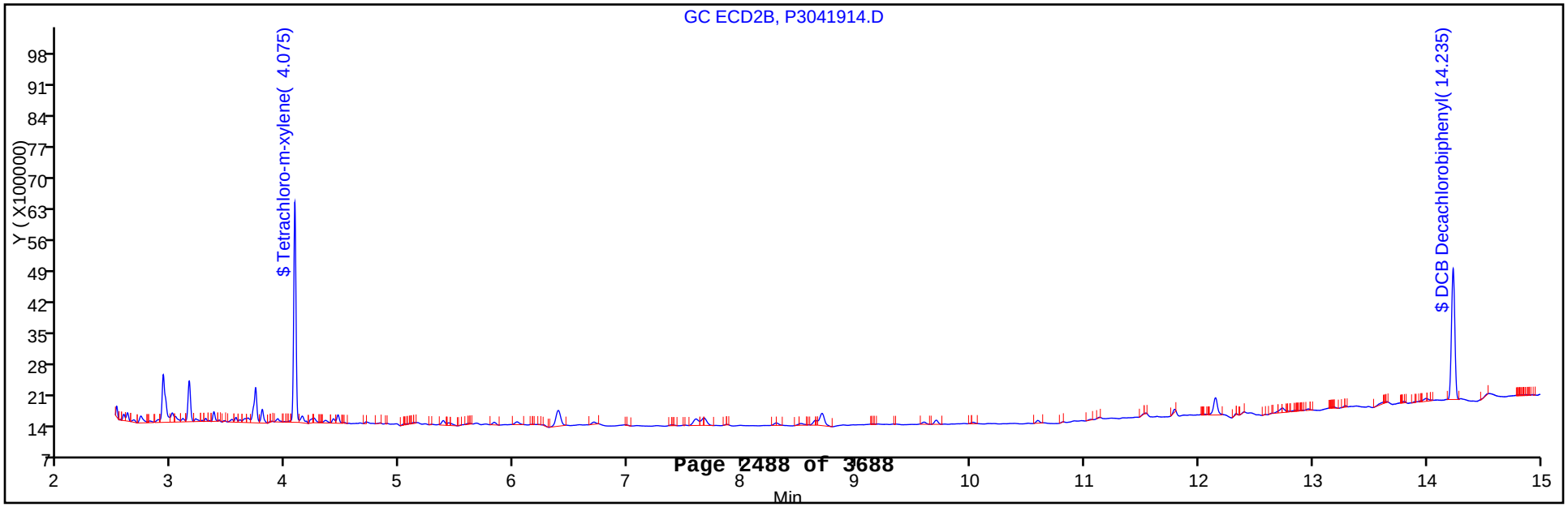
Data File: \\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041914.D

Injection Date:	19-Apr-2013 15:17:17	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82685	Lims Sample ID:	14
Operator ID:	402582	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
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22804-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-81726/21-A

Matrix: Solid | Lab File ID: P3041914.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 04/12/2013 11:07

Sample wt/vol: 30.00(g) | Date Analyzed: 04/19/2013 15:17

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.: 82685 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	63		55-130
877-09-8	Tetrachloro-m-xylene	57	Q	70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041914.D		
Lims ID:	MB 240-81726/21-A	Client ID:	
Inject. Date:	19-Apr-2013 15:17:17	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	240-0019054-014		
Misc. Info.:			
Operator:	402582	Instrument ID:	A2HP3
Injection Vol:	1.0 ul	ALS Bottle#:	14
Lims Batch ID:	82685	Lims Sample ID:	14
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP3\20130419-19054.b\PEST3.m		
Last Update:	20-Apr-2013 07:39:36	Calib Date:	16-Apr-2013 14:58:16
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK028		
First Level Reviewer: shockr		Date:	19-Apr-2013 16:50:05

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.477	3.490	-0.013	12929838	0.0118			
2	100	4.075	4.092	-0.017	6940422	0.0115			
						RPD = 2.25			
12 Diallate									
1	100		3.751						
1	2		4.058						
2	100		4.331						
2	2		4.667						
24 Hexachlorobenzene									
1	100		3.963						
2	100		4.709						
5 alpha-BHC									
1	100		4.181						
2	100		4.949						
20 gamma-BHC (Lindane)									
1	100		4.561						
2	100		5.533						
7 beta-BHC									1
1	100		4.695						
2	100		5.719						
11 delta-BHC									
1	100		4.910						
2	100		6.304						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									1
1	100		5.080						
1	2		5.939						
1	3		7.174						
1	4		7.517						
2	100		6.059						
2	2		7.630						
2	3		9.010						
2	4		9.316						
22 Heptachlor									
1	100		5.194						
2	100		6.366						
4 Aldrin									
1	100		5.644						
2	100		7.115						
25 Isodrin									1
1	100		6.228						
2	100		8.129						
23 Heptachlor epoxide									
1	100		6.870						
2	100		8.607						
21 gamma-Chlordane									1
1	100		7.172						
2	100		9.012						
6 alpha-Chlordane									
1	100		7.520						
2	100		9.322						
14 Endosulfan I									1
1	100		7.795						
2	100		9.388						
2 4,4'-DDE									
1	100		7.897						
2	100		9.766						
28 Mirex									
1	100		8.279						
2	100		9.197						
13 Dieldrin									1
1	100		8.357						
2	100		9.914						
17 Endrin									
1	100		8.816						
2	100		10.435						
26 Kepone									
1	100		8.885						
2	100		10.592						
1 4,4'-DDD									1
1	100		9.182						
2	100		10.775						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
15 Endosulfan II									
1	100		9.268						
2	100		10.807						
9 Chlorobenzilate									1
1	100		9.275						
2	100		10.585						
3 4,4'-DDT									1
1	100		9.706						
2	100		11.256						
18 Endrin aldehyde									
1	100		10.070						
2	100		11.374						
30 Toxaphene									1
1	1		10.261						
1	2		10.605						
1	3		10.758						
1	4		11.174						
1	5		11.446						
2	100		10.363						
2	2		10.953						
2	3		11.373						
2	4		12.117						
2	5		12.677						
27 Methoxychlor									
1	100		10.667						
2	100		12.336						
16 Endosulfan sulfate									
1	100		10.800						
2	100		11.791						
19 Endrin ketone									
1	100		11.201						
2	100		12.539						
$ 10 DCB Decachlorobiphenyl									
1	100	12.816	12.824	-0.008	12271058	0.0128			
2	100	14.235	14.253	-0.018	6014759	0.0125			
						RPD = 2.11			

QC Flag Legend

Processing Flags
1 - Missing Peaks

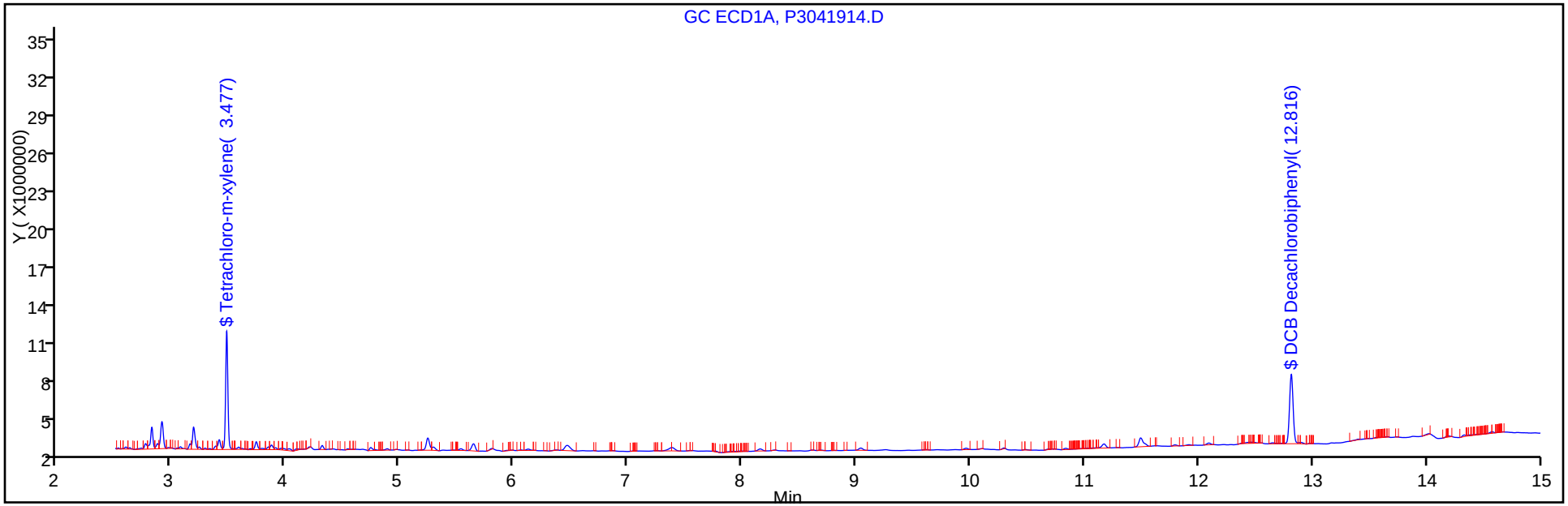
Report Date: 20-Apr-2013 07:39:40 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

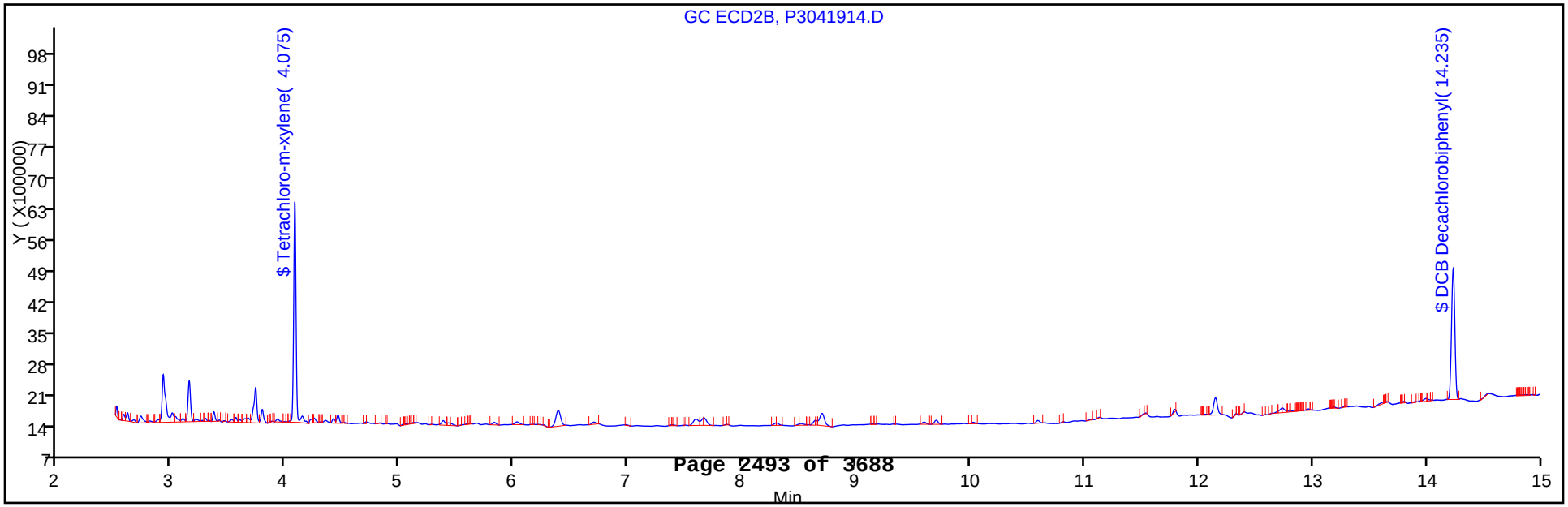
Data File: \\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041914.D

Injection Date:	19-Apr-2013 15:17:17	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82685	Lims Sample ID:	14
Operator ID:	402582	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
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22804-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-83135/18-A

Matrix: Solid | Lab File ID: P3042436.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 04/23/2013 08:54

Sample wt/vol: 30.00(g) | Date Analyzed: 04/24/2013 21:54

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.: 83400 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.67	U	2.0	0.67	0.62
72-55-9	4,4'-DDE	0.67	U	1.7	0.67	0.39
50-29-3	4,4'-DDT	0.67	U	2.0	0.67	0.63
309-00-2	Aldrin	1.3	U	4.0	1.3	1.2
319-84-6	alpha-BHC	1.3	U	2.5	1.3	0.73
5103-71-9	alpha-Chlordane	1.3	U	3.0	1.3	0.94
319-85-7	beta-BHC	1.3	U	3.5	1.3	1.1
319-86-8	delta-BHC	1.3	U	4.0	1.3	1.2
60-57-1	Dieldrin	0.67	U	1.7	0.67	0.47
959-98-8	Endosulfan I	0.67	U	1.7	0.67	0.52
33213-65-9	Endosulfan II	1.3	U	2.5	1.3	0.82
1031-07-8	Endosulfan sulfate	1.3	U	3.0	1.3	0.87
72-20-8	Endrin	0.67	U	1.7	0.67	0.50
7421-93-4	Endrin aldehyde	1.3	U	3.0	1.3	1.0
53494-70-5	Endrin ketone	0.67	U	2.0	0.67	0.63
58-89-9	gamma-BHC (Lindane)	1.3	U	2.5	1.3	0.74
5103-74-2	gamma-Chlordane	0.67	U	1.7	0.67	0.42
76-44-8	Heptachlor	1.3	U	3.5	1.3	1.1
1024-57-3	Heptachlor epoxide	1.3	U	2.5	1.3	0.80
72-43-5	Methoxychlor	3.3	U	5.0	3.3	1.5
8001-35-2	Toxaphene	20	U	67	20	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	91		55-130
877-09-8	Tetrachloro-m-xylene	119		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042436.D		
Lims ID:	MB 240-83135/18-A	Client ID:	
Inject. Date:	24-Apr-2013 21:54:41	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	240-0019209-036		
Misc. Info.:			
Operator:	402582	Instrument ID:	A2HP3
Injection Vol:	1.0 ul	ALS Bottle#:	36
Lims Batch ID:	83400	Lims Sample ID:	36
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP3\20130424-19209.b\PEST3.m		
Last Update:	25-Apr-2013 07:51:26	Calib Date:	23-Apr-2013 17:41:50
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP3\20130423-19186.b\P3042315.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		
First Level Reviewer: shockr		Date:	25-Apr-2013 07:23:49

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.471	3.471	0.000	20971477	0.0238			
2	100	4.068	4.064	0.004	16613166	0.0346			
						RPD = 37.12			
12 Diallate									
1	100		3.734						
1	2		4.041						
2	100		4.309						
2	2		4.644						
24 Hexachlorobenzene									
1	100		3.944						
2	100		4.681						
5 alpha-BHC									
1	100		4.159						
2	100		4.915						
20 gamma-BHC (Lindane)									
1	100		4.537						
2	100		5.494						
7 beta-BHC									
1	100		4.669						
2	100		5.679						
11 delta-BHC									
1	100		4.882						
2	100		6.259						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									1
1	100		5.049						
1	2		5.898						
1	3		7.121						
1	4		7.462						
2	100		6.017						
2	2		7.584						
2	3		8.968						
2	4		9.279						
22 Heptachlor									
1	100		5.163						
2	100		6.322						
4 Aldrin									
1	100		5.609						
2	100		7.064						
25 Isodrin									
1	100		6.191						
2	100		8.092						
23 Heptachlor epoxide									
1	100		6.822						
2	100		8.565						
21 gamma-Chlordane									
1	100		7.121						
2	100		8.970						
6 alpha-Chlordane									
1	100		7.470						
2	100		9.280						
14 Endosulfan I									1
1	100		7.746						
2	100		9.346						
2 4,4'-DDE									
1	100		7.850						
2	100		9.727						
28 Mirex									
1	100	8.303	8.279	0.024	12980	0			
2	100	9.190	9.197	-0.007	9841	0			
						RPD = 0.00			
13 Dieldrin									
1	100		8.310						
2	100		9.874						
17 Endrin									
1	100		8.771						
2	100		10.396						
26 Kepone									1
1	100		8.847						
2	100		10.561						
1 4,4'-DDD									1
1	100		9.139						
2	100		10.736						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
15 Endosulfan II									
1	100		9.225						
2	100		10.766						
9 Chlorobenzilate									
1	100		9.243						
2	100		10.562						
3 4,4'-DDT									1
1	100		9.668						
2	100		11.217						
18 Endrin aldehyde									
1	100		10.030						
2	100		11.333						
30 Toxaphene									1
1	1		10.218						
1	2		10.565						
1	3		10.717						
1	4		11.134						
1	5		11.404						
2	100		10.320						
2	2		10.915						
2	3		11.336						
2	4		12.077						
2	5		12.638						
27 Methoxychlor									
1	100		10.630						
2	100		12.299						
16 Endosulfan sulfate									
1	100		10.763						
2	100		11.752						
19 Endrin ketone									
1	100		11.165						
2	100		12.501						
$ 10 DCB Decachlorobiphenyl									
1	100	12.786	12.787	-0.001	15091941	0.0182			
2	100	14.215	14.217	-0.002	7982577	0.0185			
						RPD = 1.28			

QC Flag Legend

Processing Flags
1 - Missing Peaks

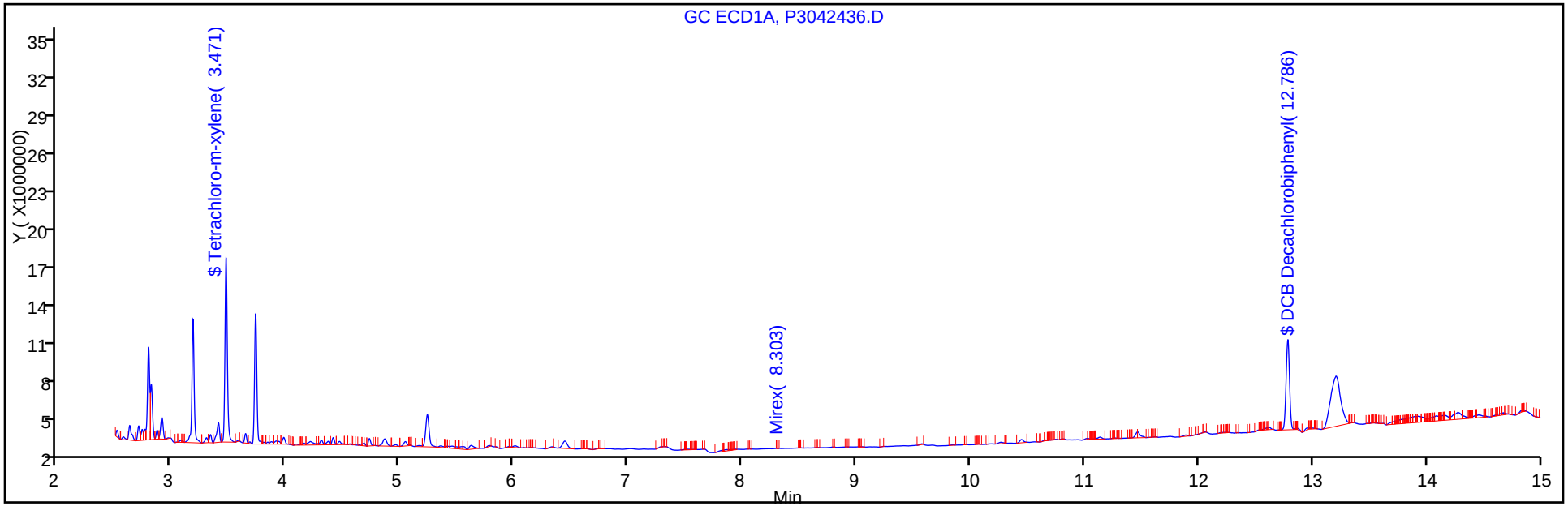
Report Date: 25-Apr-2013 07:51:28 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

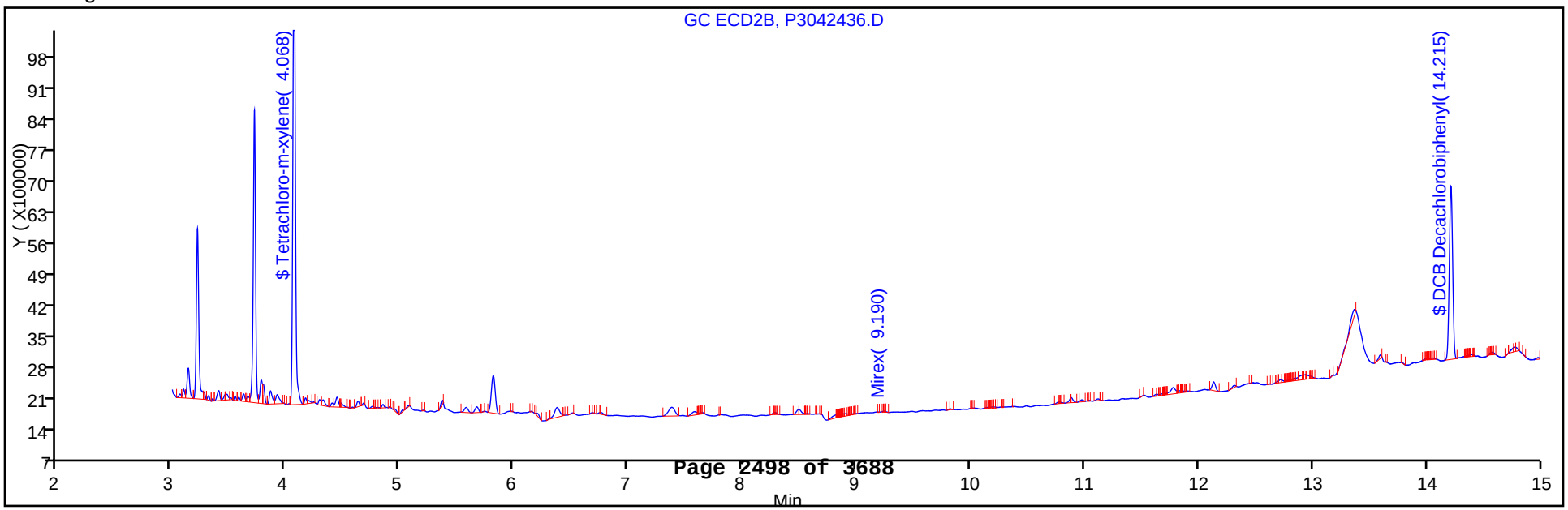
Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042436.D

Injection Date:	24-Apr-2013 21:54:41	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83400	Lims Sample ID:	36
Operator ID:	402582	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
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22804-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-83135/18-A

Matrix: Solid | Lab File ID: P3042436.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 04/23/2013 08:54

Sample wt/vol: 30.00(g) | Date Analyzed: 04/24/2013 21:54

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.: 83400 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	92		55-130
877-09-8	Tetrachloro-m-xylene	173	*Q*	70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042436.D		
Lims ID:	MB 240-83135/18-A	Client ID:	
Inject. Date:	24-Apr-2013 21:54:41	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	240-0019209-036		
Misc. Info.:			
Operator:	402582	Instrument ID:	A2HP3
Injection Vol:	1.0 ul	ALS Bottle#:	36
Lims Batch ID:	83400	Lims Sample ID:	36
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP3\20130424-19209.b\PEST3.m		
Last Update:	25-Apr-2013 07:51:26	Calib Date:	23-Apr-2013 17:41:50
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP3\20130423-19186.b\P3042315.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		
First Level Reviewer: shockr		Date:	25-Apr-2013 07:23:49

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.471	3.471	0.000	20971477	0.0238			
2	100	4.068	4.064	0.004	16613166	0.0346			
						RPD = 37.12			
12 Diallate									
1	100		3.734						
1	2		4.041						
2	100		4.309						
2	2		4.644						
24 Hexachlorobenzene									
1	100		3.944						
2	100		4.681						
5 alpha-BHC									
1	100		4.159						
2	100		4.915						
20 gamma-BHC (Lindane)									
1	100		4.537						
2	100		5.494						
7 beta-BHC									
1	100		4.669						
2	100		5.679						
11 delta-BHC									
1	100		4.882						
2	100		6.259						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									1
1	100		5.049						
1	2		5.898						
1	3		7.121						
1	4		7.462						
2	100		6.017						
2	2		7.584						
2	3		8.968						
2	4		9.279						
22 Heptachlor									
1	100		5.163						
2	100		6.322						
4 Aldrin									
1	100		5.609						
2	100		7.064						
25 Isodrin									
1	100		6.191						
2	100		8.092						
23 Heptachlor epoxide									
1	100		6.822						
2	100		8.565						
21 gamma-Chlordane									
1	100		7.121						
2	100		8.970						
6 alpha-Chlordane									
1	100		7.470						
2	100		9.280						
14 Endosulfan I									1
1	100		7.746						
2	100		9.346						
2 4,4'-DDE									
1	100		7.850						
2	100		9.727						
28 Mirex									
1	100	8.303	8.279	0.024	12980	0			
2	100	9.190	9.197	-0.007	9841	0			
						RPD = 0.00			
13 Dieldrin									
1	100		8.310						
2	100		9.874						
17 Endrin									
1	100		8.771						
2	100		10.396						
26 Kepone									1
1	100		8.847						
2	100		10.561						
1 4,4'-DDD									1
1	100		9.139						
2	100		10.736						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
15 Endosulfan II									
1	100		9.225						
2	100		10.766						
9 Chlorobenzilate									
1	100		9.243						
2	100		10.562						
3 4,4'-DDT									1
1	100		9.668						
2	100		11.217						
18 Endrin aldehyde									
1	100		10.030						
2	100		11.333						
30 Toxaphene									1
1	1		10.218						
1	2		10.565						
1	3		10.717						
1	4		11.134						
1	5		11.404						
2	100		10.320						
2	2		10.915						
2	3		11.336						
2	4		12.077						
2	5		12.638						
27 Methoxychlor									
1	100		10.630						
2	100		12.299						
16 Endosulfan sulfate									
1	100		10.763						
2	100		11.752						
19 Endrin ketone									
1	100		11.165						
2	100		12.501						
$ 10 DCB Decachlorobiphenyl									
1	100	12.786	12.787	-0.001	15091941	0.0182			
2	100	14.215	14.217	-0.002	7982577	0.0185			
						RPD = 1.28			

QC Flag Legend

Processing Flags
1 - Missing Peaks

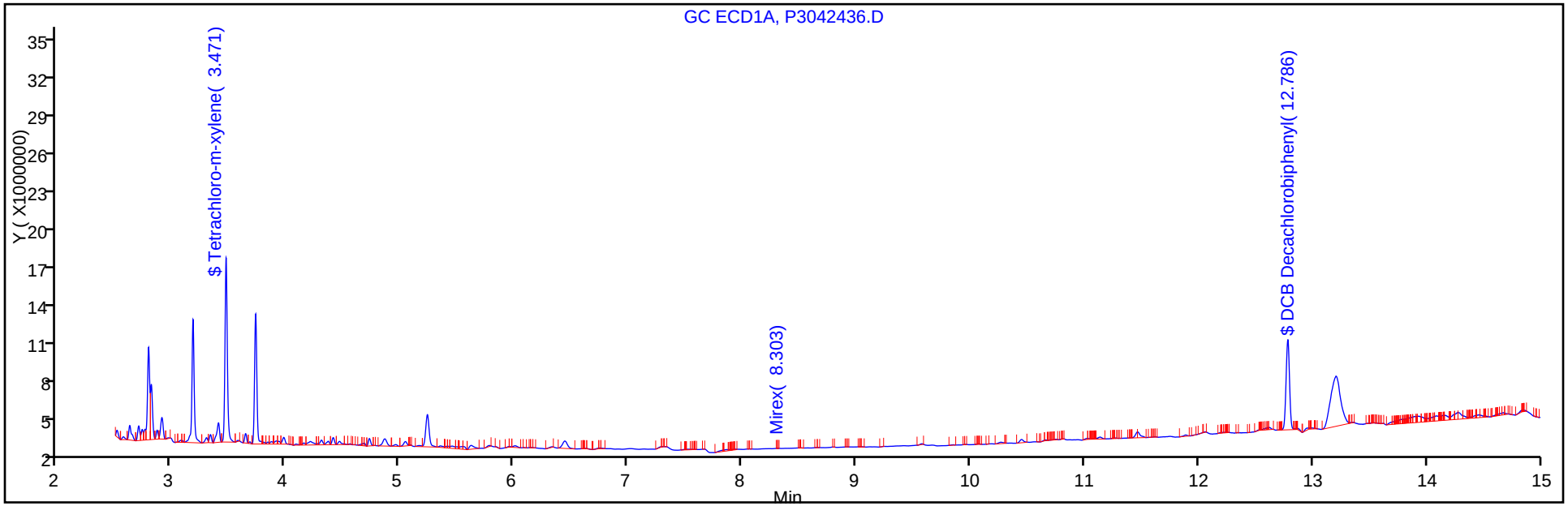
Report Date: 25-Apr-2013 07:51:28 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

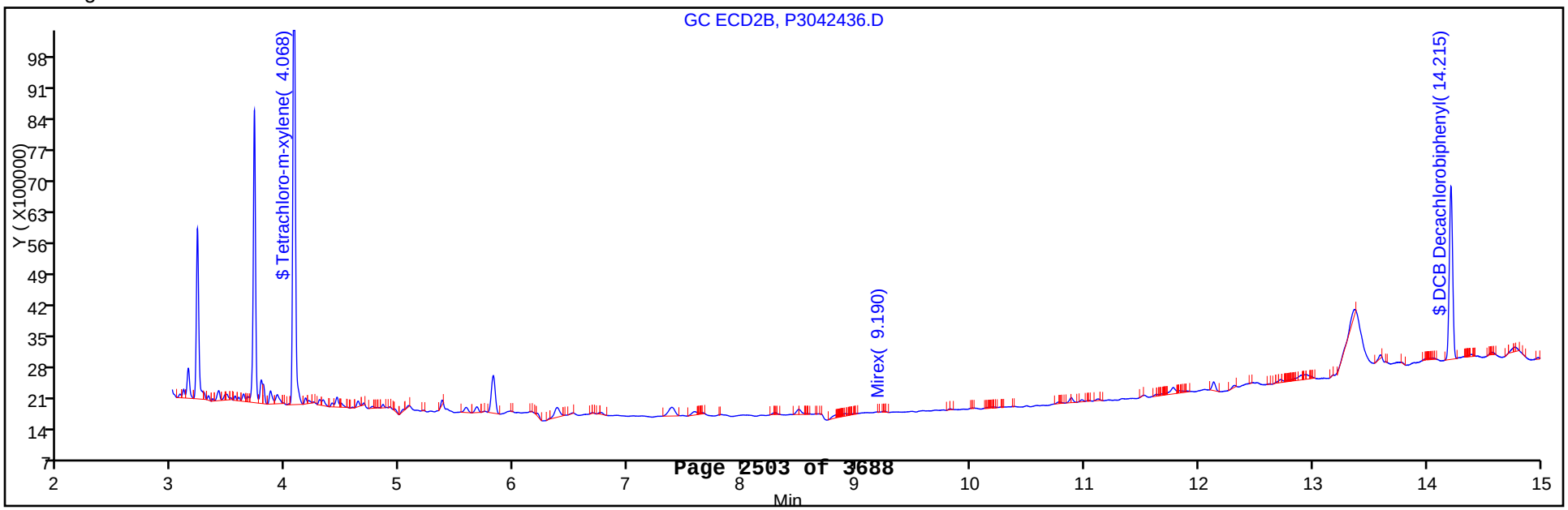
Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042436.D

Injection Date:	24-Apr-2013 21:54:41	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83400	Lims Sample ID:	36
Operator ID:	402582	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
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22804-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-80943/3-A

Matrix: Water | Lab File ID: P3041624.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: 3520C | Date Extracted: 04/08/2013 09:24

Sample wt/vol: 1000(mL) | Date Analyzed: 04/16/2013 20:00

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.: 82129 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.522		0.050	0.010	0.0096
72-55-9	4,4'-DDE	0.471		0.050	0.010	0.0097
50-29-3	4,4'-DDT	0.567		0.050	0.030	0.016
309-00-2	Aldrin	0.422		0.050	0.010	0.0082
319-84-6	alpha-BHC	0.475		0.050	0.010	0.0070
5103-71-9	alpha-Chlordane	0.470		0.050	0.014	0.014
319-85-7	beta-BHC	0.470		0.050	0.010	0.0084
319-86-8	delta-BHC	0.529		0.050	0.010	0.0087
60-57-1	Dieldrin	0.491		0.050	0.010	0.0075
959-98-8	Endosulfan I	0.393		0.050	0.013	0.013
33213-65-9	Endosulfan II	0.423		0.050	0.012	0.012
1031-07-8	Endosulfan sulfate	0.483		0.050	0.011	0.011
72-20-8	Endrin	0.506		0.050	0.011	0.011
7421-93-4	Endrin aldehyde	0.435		0.050	0.011	0.011
53494-70-5	Endrin ketone	0.475		0.050	0.010	0.0078
58-89-9	gamma-BHC (Lindane)	0.488		0.050	0.010	0.0064
5103-74-2	gamma-Chlordane	0.496		0.050	0.012	0.012
76-44-8	Heptachlor	0.498		0.050	0.010	0.0080
1024-57-3	Heptachlor epoxide	0.487		0.050	0.010	0.0071
72-43-5	Methoxychlor	0.550		0.10	0.032	0.032

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	31		30-135
877-09-8	Tetrachloro-m-xylene	74		25-140

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041624.D		
Lims ID:	LCS 240-80943/3-A	Client ID:	
Inject. Date:	16-Apr-2013 20:00:59	Dil. Factor:	1.0000
Sample Type:	LCS		
Sample ID:	240-0018914-024		
Misc. Info.:			
Operator:	402582	Instrument ID:	A2HP3
Injection Vol:	1.0 ul	ALS Bottle#:	24
Lims Batch ID:	82129	Lims Sample ID:	24
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP3\20130416-18914.b\PEST3.m		
Last Update:	17-Apr-2013 10:53:12	Calib Date:	16-Apr-2013 14:58:16
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.494	3.494	0.000	32564879	0.0296			
2	100	4.093	4.093	0.000	17540125	0.0290			
						RPD = 1.90			
5 alpha-BHC									
1	100	4.185	4.184	0.001	154382489	0.0951			
2	100	4.949	4.949	0.000	85705177	0.1113			
						RPD = 15.73			
20 gamma-BHC (Lindane)									
1	100	4.565	4.564	0.001	142136446	0.0977			
2	100	5.532	5.532	0.000	77796698	0.1149			
						RPD = 16.21			
7 beta-BHC									
1	100	4.698	4.697	0.001	58134372	0.0940			
2	100	5.717	5.717	0.000	33647893	0.1138			
						RPD = 19.05			
11 delta-BHC									
1	100	4.912	4.911	0.001	156655215	0.1058			
2	100	6.301	6.301	0.000	81041792	0.1165			
						RPD = 9.60			
22 Heptachlor									
1	100	5.196	5.194	0.002	128396353	0.0997			
2	100	6.364	6.364	0.000	58635919	0.1006			
						RPD = 0.90			
4 Aldrin									
1	100	5.643	5.644	-0.001	114819657	0.0844			
2	100	7.113	7.112	0.001	67127053	0.1008			
						RPD = 17.66			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.871	6.869	0.002	119831800	0.0974			
2	100	8.606	8.605	0.001	63937833	0.1100			
						RPD = 12.11			
21 gamma-Chlordane									
1	100	7.173	7.170	0.003	125281262	0.0992			
2	100	9.012	9.010	0.002	64582425	0.1101			
						RPD = 10.46			
6 alpha-Chlordane									
1	100	7.520	7.517	0.003	121208655	0.0940			
2	100	9.320	9.319	0.001	64007126	0.1049			
						RPD = 10.95			
14 Endosulfan I									
1	100	7.795	7.794	0.001	90688373	0.0787			
2	100	9.387	9.386	0.001	48392953	0.0911			
						RPD = 14.61			
2 4,4'-DDE									
1	100	7.897	7.894	0.003	119349044	0.0942			
2	100	9.767	9.765	0.002	63505015	0.1041			
						RPD = 9.98			
13 Dieldrin									
1	100	8.358	8.357	0.001	124496576	0.0982			
2	100	9.914	9.913	0.001	64953643	0.1093			
						RPD = 10.73			
17 Endrin									
1	100	8.818	8.817	0.001	120228217	0.1011			
2	100	10.436	10.435	0.001	61120387	0.1141			
						RPD = 12.05			
1 4,4'-DDD									
1	100	9.185	9.184	0.001	101224877	0.1043			
2	100	10.774	10.774	0.000	51639382	0.1208			
						RPD = 14.62			
15 Endosulfan II									
1	100	9.271	9.269	0.002	92524042	0.0845			
2	100	10.806	10.808	-0.002	45917555	0.0946			
						RPD = 11.23			
3 4,4'-DDT									
1	100	9.712	9.710	0.002	104635528	0.1135			
2	100	11.256	11.256	0.000	44865068	0.1134			
						RPD = 0.03			
18 Endrin aldehyde									
1	100	10.078	10.074	0.004	76567386	0.0869			
2	100	11.373	11.372	0.001	38747994	0.0981			
						RPD = 12.04			
27 Methoxychlor									
1	100	10.673	10.672	0.001	50755017	0.1100			
2	100	12.338	12.337	0.001	22598792	0.1133			
						RPD = 2.93			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.807	10.805	0.002	94674086	0.0965			
2	100	11.790	11.791	-0.001	48443226	0.1095			
						RPD = 12.66			
19 Endrin ketone									
1	100	11.208	11.206	0.002	108810740	0.0951			
2	100	12.539	12.539	0.000	51661812	0.1030			
						RPD = 8.02			
$ 10 DCB Decachlorobiphenyl									
1	100	12.828	12.827	0.001	12036220	0.0125			
2	100	14.256	14.254	0.002	6231565	0.0130			
						RPD = 3.36			

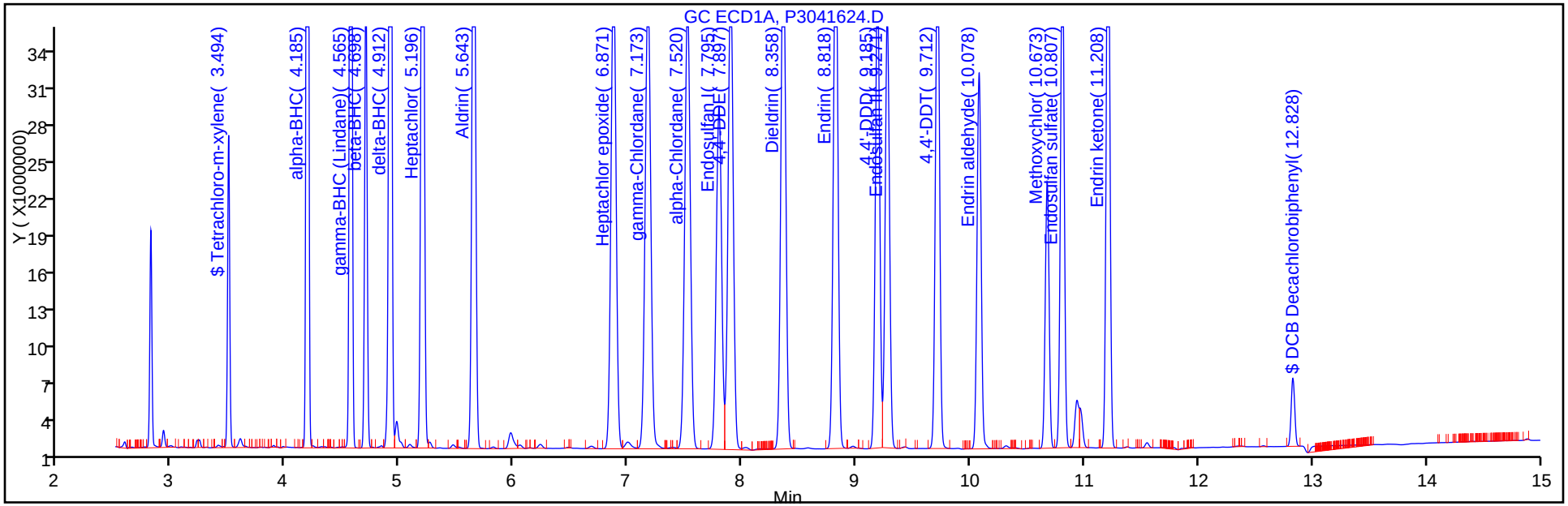
Report Date: 17-Apr-2013 10:53:15 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

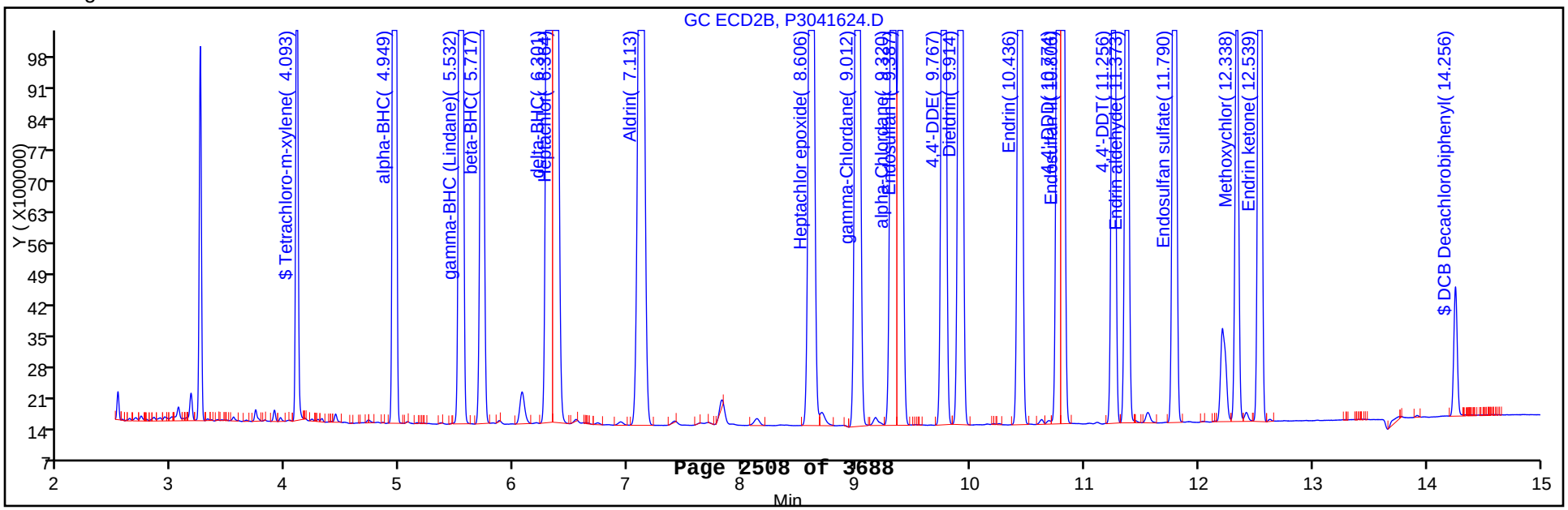
Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041624.D

Injection Date:	16-Apr-2013 20:00:59	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82129	Lims Sample ID:	24
Operator ID:	402582	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
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22804-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-80943/3-A

Matrix: Water | Lab File ID: P3041624.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: 3520C | Date Extracted: 04/08/2013 09:24

Sample wt/vol: 1000(mL) | Date Analyzed: 04/16/2013 20:00

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.: 82129 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	32		30-135
877-09-8	Tetrachloro-m-xylene	73		25-140

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041624.D
Lims ID: LCS 240-80943/3-A Client ID:
Inject. Date: 16-Apr-2013 20:00:59 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0018914-024
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 24
Lims Batch ID: 82129 Lims Sample ID: 24
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130416-18914.b\PEST3.m
Last Update: 17-Apr-2013 10:53:12 Calib Date: 16-Apr-2013 14:58:16
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.494	3.494	0.000	32564879	0.0296			
2	100	4.093	4.093	0.000	17540125	0.0290			
						RPD = 1.90			
5 alpha-BHC									
1	100	4.185	4.184	0.001	154382489	0.0951			
2	100	4.949	4.949	0.000	85705177	0.1113			
						RPD = 15.73			
20 gamma-BHC (Lindane)									
1	100	4.565	4.564	0.001	142136446	0.0977			
2	100	5.532	5.532	0.000	77796698	0.1149			
						RPD = 16.21			
7 beta-BHC									
1	100	4.698	4.697	0.001	58134372	0.0940			
2	100	5.717	5.717	0.000	33647893	0.1138			
						RPD = 19.05			
11 delta-BHC									
1	100	4.912	4.911	0.001	156655215	0.1058			
2	100	6.301	6.301	0.000	81041792	0.1165			
						RPD = 9.60			
22 Heptachlor									
1	100	5.196	5.194	0.002	128396353	0.0997			
2	100	6.364	6.364	0.000	58635919	0.1006			
						RPD = 0.90			
4 Aldrin									
1	100	5.643	5.644	-0.001	114819657	0.0844			
2	100	7.113	7.112	0.001	67127053	0.1008			
						RPD = 17.66			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.871	6.869	0.002	119831800	0.0974			
2	100	8.606	8.605	0.001	63937833	0.1100			
						RPD = 12.11			
21 gamma-Chlordane									
1	100	7.173	7.170	0.003	125281262	0.0992			
2	100	9.012	9.010	0.002	64582425	0.1101			
						RPD = 10.46			
6 alpha-Chlordane									
1	100	7.520	7.517	0.003	121208655	0.0940			
2	100	9.320	9.319	0.001	64007126	0.1049			
						RPD = 10.95			
14 Endosulfan I									
1	100	7.795	7.794	0.001	90688373	0.0787			
2	100	9.387	9.386	0.001	48392953	0.0911			
						RPD = 14.61			
2 4,4'-DDE									
1	100	7.897	7.894	0.003	119349044	0.0942			
2	100	9.767	9.765	0.002	63505015	0.1041			
						RPD = 9.98			
13 Dieldrin									
1	100	8.358	8.357	0.001	124496576	0.0982			
2	100	9.914	9.913	0.001	64953643	0.1093			
						RPD = 10.73			
17 Endrin									
1	100	8.818	8.817	0.001	120228217	0.1011			
2	100	10.436	10.435	0.001	61120387	0.1141			
						RPD = 12.05			
1 4,4'-DDD									
1	100	9.185	9.184	0.001	101224877	0.1043			
2	100	10.774	10.774	0.000	51639382	0.1208			
						RPD = 14.62			
15 Endosulfan II									
1	100	9.271	9.269	0.002	92524042	0.0845			
2	100	10.806	10.808	-0.002	45917555	0.0946			
						RPD = 11.23			
3 4,4'-DDT									
1	100	9.712	9.710	0.002	104635528	0.1135			
2	100	11.256	11.256	0.000	44865068	0.1134			
						RPD = 0.03			
18 Endrin aldehyde									
1	100	10.078	10.074	0.004	76567386	0.0869			
2	100	11.373	11.372	0.001	38747994	0.0981			
						RPD = 12.04			
27 Methoxychlor									
1	100	10.673	10.672	0.001	50755017	0.1100			
2	100	12.338	12.337	0.001	22598792	0.1133			
						RPD = 2.93			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.807	10.805	0.002	94674086	0.0965			
2	100	11.790	11.791	-0.001	48443226	0.1095			
						RPD = 12.66			
19 Endrin ketone									
1	100	11.208	11.206	0.002	108810740	0.0951			
2	100	12.539	12.539	0.000	51661812	0.1030			
						RPD = 8.02			
$ 10 DCB Decachlorobiphenyl									
1	100	12.828	12.827	0.001	12036220	0.0125			
2	100	14.256	14.254	0.002	6231565	0.0130			
						RPD = 3.36			

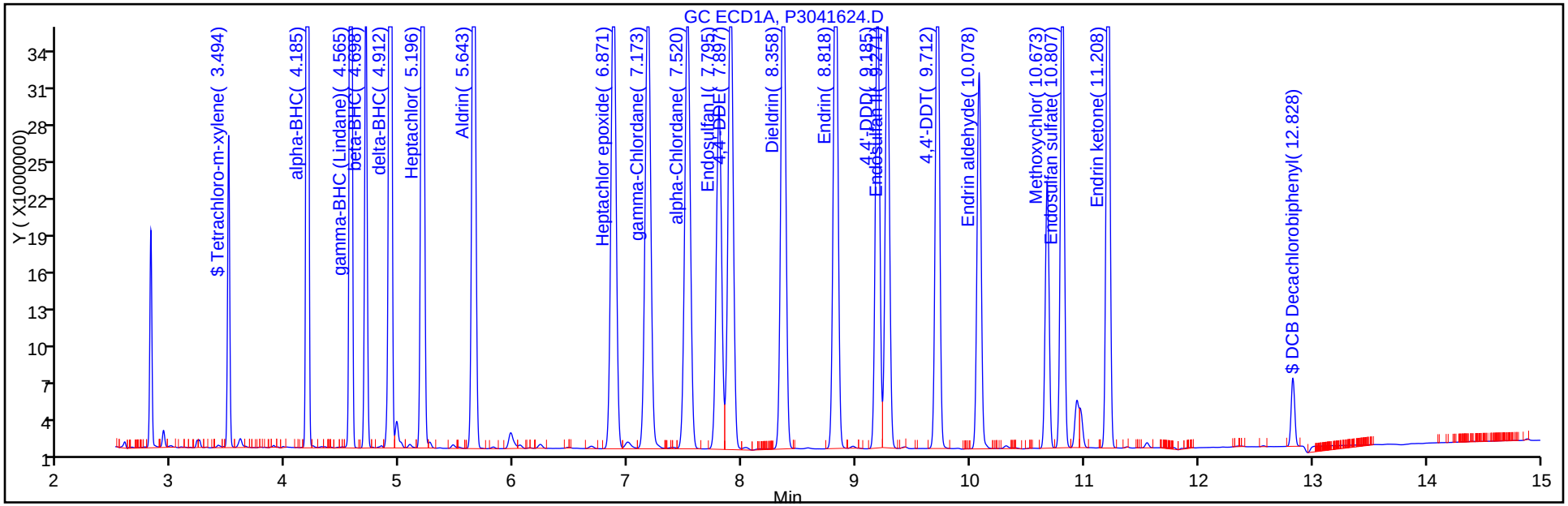
Report Date: 17-Apr-2013 10:53:16 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

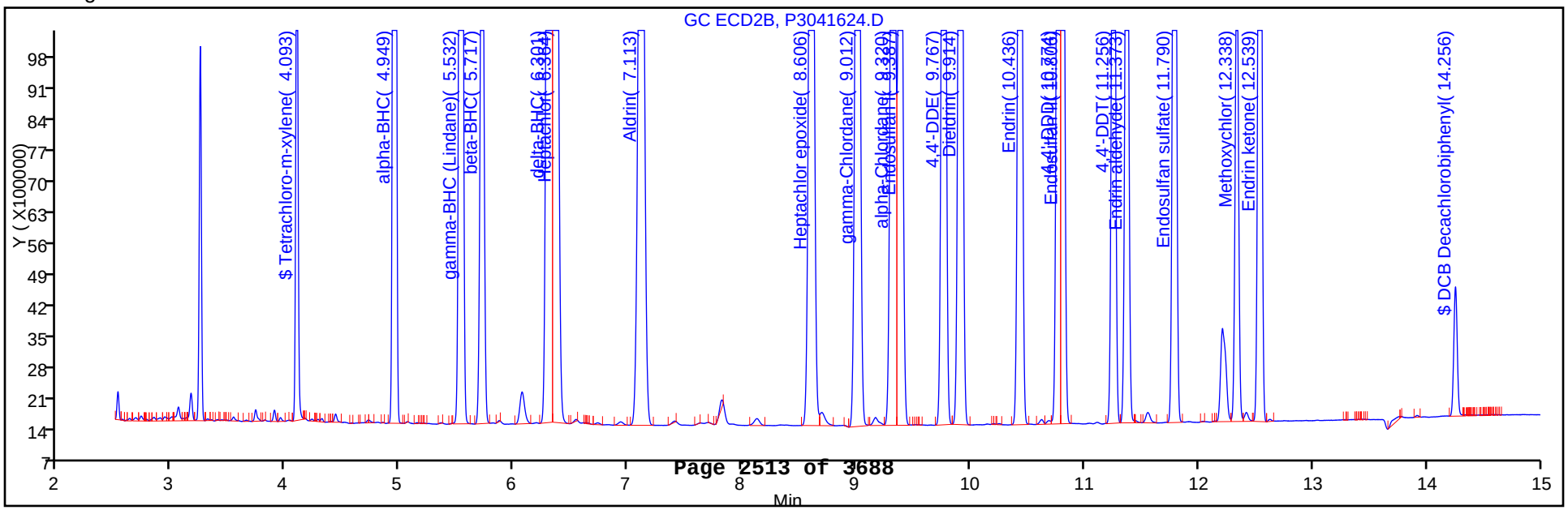
Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041624.D

Injection Date:	16-Apr-2013 20:00:59	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82129	Lims Sample ID:	24
Operator ID:	402582	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
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22804-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-81726/22-A

Matrix: Solid | Lab File ID: P3041915.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 04/12/2013 11:07

Sample wt/vol: 30.00(g) | Date Analyzed: 04/19/2013 15:37

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.: 82685 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	33.9		2.0	0.67	0.62
72-55-9	4,4'-DDE	28.1		1.7	0.67	0.39
50-29-3	4,4'-DDT	32.9		2.0	0.67	0.63
309-00-2	Aldrin	26.3		4.0	1.3	1.2
319-84-6	alpha-BHC	30.7		2.5	1.3	0.73
5103-71-9	alpha-Chlordane	28.5		3.0	1.3	0.94
319-85-7	beta-BHC	29.5		3.5	1.3	1.1
319-86-8	delta-BHC	31.8		4.0	1.3	1.2
60-57-1	Dieldrin	32.2		1.7	0.67	0.47
959-98-8	Endosulfan I	21.7		1.7	0.67	0.52
33213-65-9	Endosulfan II	26.3		2.5	1.3	0.82
1031-07-8	Endosulfan sulfate	30.9		3.0	1.3	0.87
72-20-8	Endrin	32.4		1.7	0.67	0.50
7421-93-4	Endrin aldehyde	24.9		3.0	1.3	1.0
53494-70-5	Endrin ketone	28.9		2.0	0.67	0.63
58-89-9	gamma-BHC (Lindane)	31.1		2.5	1.3	0.74
5103-74-2	gamma-Chlordane	31.5		1.7	0.67	0.42
76-44-8	Heptachlor	33.7		3.5	1.3	1.1
1024-57-3	Heptachlor epoxide	31.5		2.5	1.3	0.80
72-43-5	Methoxychlor	32.7		5.0	3.3	1.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	85		55-130
877-09-8	Tetrachloro-m-xylene	95		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041915.D
Lims ID: LCS 240-81726/22-A Client ID:
Inject. Date: 19-Apr-2013 15:37:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0019054-015
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 15
Lims Batch ID: 82685 Lims Sample ID: 15
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130419-19054.b\PEST3.m
Last Update: 20-Apr-2013 07:39:36 Calib Date: 16-Apr-2013 14:58:16
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK028

First Level Reviewer: shockr Date: 19-Apr-2013 16:53:03

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.482	3.490	-0.008	20867465	0.0190			
2	100	4.077	4.092	-0.015	12312622	0.0204			
						RPD = 7.21			
5 alpha-BHC									
1	100	4.172	4.181	-0.009	149335227	0.0920			
2	100	4.927	4.949	-0.022	85998567	0.1117			
						RPD = 19.37			
20 gamma-BHC (Lindane)									
1	100	4.551	4.561	-0.010	135955197	0.0934			
2	100	5.506	5.533	-0.027	72290686	0.1068			
						RPD = 13.33			
7 beta-BHC									
1	100	4.684	4.695	-0.011	54805398	0.0886			
2	100	5.689	5.719	-0.030	30463520	0.1030			
						RPD = 15.04			
11 delta-BHC									
1	100	4.899	4.910	-0.011	141251960	0.0954			
2	100	6.271	6.304	-0.033	73411387	0.1055			
						RPD = 10.06			
22 Heptachlor									
1	100	5.183	5.194	-0.011	130322379	0.1012			
2	100	6.334	6.366	-0.032	63304929	0.1086			
						RPD = 7.07			
4 Aldrin									
1	100	5.635	5.644	-0.009	107172678	0.0788			
2	100	7.079	7.115	-0.036	69742782	0.1047			
						RPD = 28.23			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.867	6.870	-0.003	116414303	0.0946			
2	100	8.578	8.607	-0.029	65939369	0.1134			
						RPD = 18.05			
21 gamma-Chlordane									
1	100	7.172	7.172	0.000	119316337	0.0944			
2	100	8.985	9.012	-0.027	62428164	0.1064			
						RPD = 11.94			
6 alpha-Chlordane									
1	100	7.520	7.520	0.000	110363587	0.0856			
2	100	9.295	9.322	-0.027	61498167	0.1008			
						RPD = 16.30			
14 Endosulfan I									
1	100	7.795	7.795	0.000	75052783	0.0651			
2	100	9.361	9.388	-0.027	46254519	0.0871			
						RPD = 28.84			
2 4,4'-DDE									
1	100	7.900	7.897	0.003	106941906	0.0844			
2	100	9.740	9.766	-0.026	61515656	0.1009			
						RPD = 17.73			
13 Dieldrin									
1	100	8.357	8.357	0.000	122462647	0.0965			
2	100	9.888	9.914	-0.026	63175598	0.1063			
						RPD = 9.60			
17 Endrin									
1	100	8.816	8.816	0.000	115645868	0.0973			
2	100	10.412	10.435	-0.023	59727489	0.1115			
						RPD = 13.63			
1 4,4'-DDD									
1	100	9.179	9.182	-0.003	98681203	0.1017			
2	100	10.750	10.775	-0.025	54419137	0.1273			
						RPD = 22.35			
15 Endosulfan II									
1	100	9.266	9.268	-0.002	86318871	0.0789			
2	100	10.783	10.807	-0.024	43820395	0.0903			
						RPD = 13.48			
3 4,4'-DDT									
1	100	9.704	9.706	-0.002	90938934	0.0986			
2	100	11.231	11.256	-0.025	41613636	0.1052			
						RPD = 6.47			
18 Endrin aldehyde									
1	100	10.067	10.070	-0.003	65893735	0.0748			
2	100	11.347	11.374	-0.027	34307939	0.0868			
						RPD = 14.87			
27 Methoxychlor									
1	100	10.664	10.667	-0.003	45327556	0.0982			
2	100	12.309	12.336	-0.027	20819460	0.1043			
						RPD = 6.04			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.797	10.800	-0.003	90830062	0.0926			
2	100	11.765	11.791	-0.026	48214292	0.1090			
						RPD = 16.31			
19 Endrin ketone									
1	100	11.200	11.201	-0.001	99205356	0.0867			
2	100	12.512	12.539	-0.027	51856105	0.1034			
						RPD = 17.60			
$ 10 DCB Decachlorobiphenyl									M
1	100	12.841	12.824	0.017	16368746	0.0170			
2	100	14.225	14.253	-0.028	8213728	0.0171			M
						RPD = 0.24			

QC Flag Legend

Review Flags
M - Manually Integrated

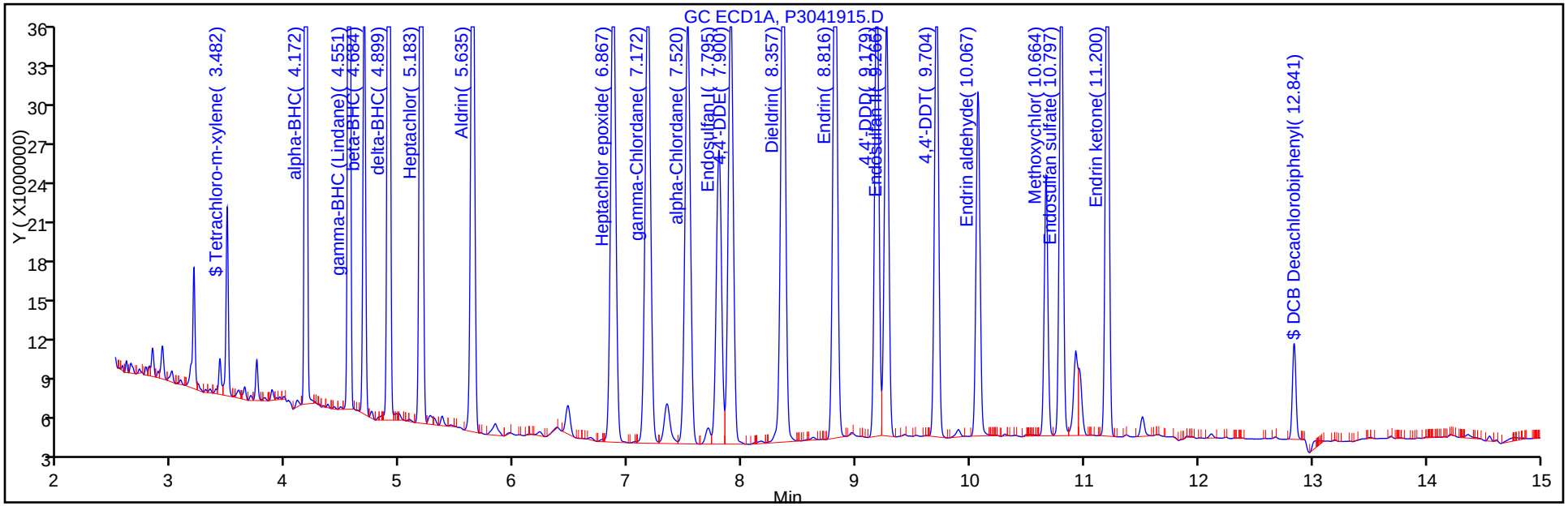
Report Date: 20-Apr-2013 07:39:41 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

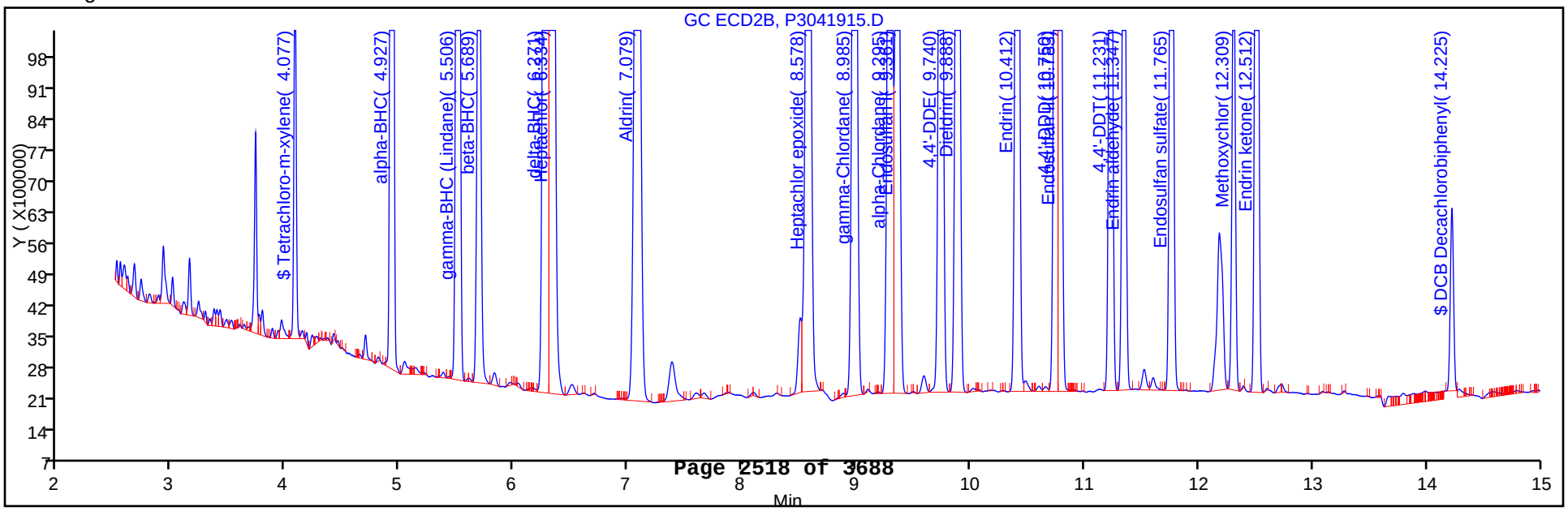
Data File: \\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041915.D

Injection Date:	19-Apr-2013 15:37:30	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82685	Lims Sample ID:	15
Operator ID:	402582	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
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-81726/22-A

Matrix: Solid Lab File ID: P3041915.D

Analysis Method: 8081/DOD Date Collected:

Extraction Method: 3540C Date Extracted: 04/12/2013 11:07

Sample wt/vol: 30.00(g) Date Analyzed: 04/19/2013 15:37

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.: 82685 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	85	*M*	55-130
877-09-8	Tetrachloro-m-xylene	102		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041915.D
Lims ID: LCS 240-81726/22-A Client ID:
Inject. Date: 19-Apr-2013 15:37:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0019054-015
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 15
Lims Batch ID: 82685 Lims Sample ID: 15
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130419-19054.b\PEST3.m
Last Update: 20-Apr-2013 07:39:36 Calib Date: 16-Apr-2013 14:58:16
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK028

First Level Reviewer: shockr Date: 19-Apr-2013 16:53:03

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.482	3.490	-0.008	20867465	0.0190			
2	100	4.077	4.092	-0.015	12312622	0.0204			
						RPD = 7.21			
5 alpha-BHC									
1	100	4.172	4.181	-0.009	149335227	0.0920			
2	100	4.927	4.949	-0.022	85998567	0.1117			
						RPD = 19.37			
20 gamma-BHC (Lindane)									
1	100	4.551	4.561	-0.010	135955197	0.0934			
2	100	5.506	5.533	-0.027	72290686	0.1068			
						RPD = 13.33			
7 beta-BHC									
1	100	4.684	4.695	-0.011	54805398	0.0886			
2	100	5.689	5.719	-0.030	30463520	0.1030			
						RPD = 15.04			
11 delta-BHC									
1	100	4.899	4.910	-0.011	141251960	0.0954			
2	100	6.271	6.304	-0.033	73411387	0.1055			
						RPD = 10.06			
22 Heptachlor									
1	100	5.183	5.194	-0.011	130322379	0.1012			
2	100	6.334	6.366	-0.032	63304929	0.1086			
						RPD = 7.07			
4 Aldrin									
1	100	5.635	5.644	-0.009	107172678	0.0788			
2	100	7.079	7.115	-0.036	69742782	0.1047			
						RPD = 28.23			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.867	6.870	-0.003	116414303	0.0946			
2	100	8.578	8.607	-0.029	65939369	0.1134			
						RPD = 18.05			
21 gamma-Chlordane									
1	100	7.172	7.172	0.000	119316337	0.0944			
2	100	8.985	9.012	-0.027	62428164	0.1064			
						RPD = 11.94			
6 alpha-Chlordane									
1	100	7.520	7.520	0.000	110363587	0.0856			
2	100	9.295	9.322	-0.027	61498167	0.1008			
						RPD = 16.30			
14 Endosulfan I									
1	100	7.795	7.795	0.000	75052783	0.0651			
2	100	9.361	9.388	-0.027	46254519	0.0871			
						RPD = 28.84			
2 4,4'-DDE									
1	100	7.900	7.897	0.003	106941906	0.0844			
2	100	9.740	9.766	-0.026	61515656	0.1009			
						RPD = 17.73			
13 Dieldrin									
1	100	8.357	8.357	0.000	122462647	0.0965			
2	100	9.888	9.914	-0.026	63175598	0.1063			
						RPD = 9.60			
17 Endrin									
1	100	8.816	8.816	0.000	115645868	0.0973			
2	100	10.412	10.435	-0.023	59727489	0.1115			
						RPD = 13.63			
1 4,4'-DDD									
1	100	9.179	9.182	-0.003	98681203	0.1017			
2	100	10.750	10.775	-0.025	54419137	0.1273			
						RPD = 22.35			
15 Endosulfan II									
1	100	9.266	9.268	-0.002	86318871	0.0789			
2	100	10.783	10.807	-0.024	43820395	0.0903			
						RPD = 13.48			
3 4,4'-DDT									
1	100	9.704	9.706	-0.002	90938934	0.0986			
2	100	11.231	11.256	-0.025	41613636	0.1052			
						RPD = 6.47			
18 Endrin aldehyde									
1	100	10.067	10.070	-0.003	65893735	0.0748			
2	100	11.347	11.374	-0.027	34307939	0.0868			
						RPD = 14.87			
27 Methoxychlor									
1	100	10.664	10.667	-0.003	45327556	0.0982			
2	100	12.309	12.336	-0.027	20819460	0.1043			
						RPD = 6.04			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.797	10.800	-0.003	90830062	0.0926			
2	100	11.765	11.791	-0.026	48214292	0.1090			
						RPD = 16.31			
19 Endrin ketone									
1	100	11.200	11.201	-0.001	99205356	0.0867			
2	100	12.512	12.539	-0.027	51856105	0.1034			
						RPD = 17.60			
$ 10 DCB Decachlorobiphenyl									M
1	100	12.841	12.824	0.017	16368746	0.0170			
2	100	14.225	14.253	-0.028	8213728	0.0171			M
						RPD = 0.24			

QC Flag Legend

Review Flags
M - Manually Integrated

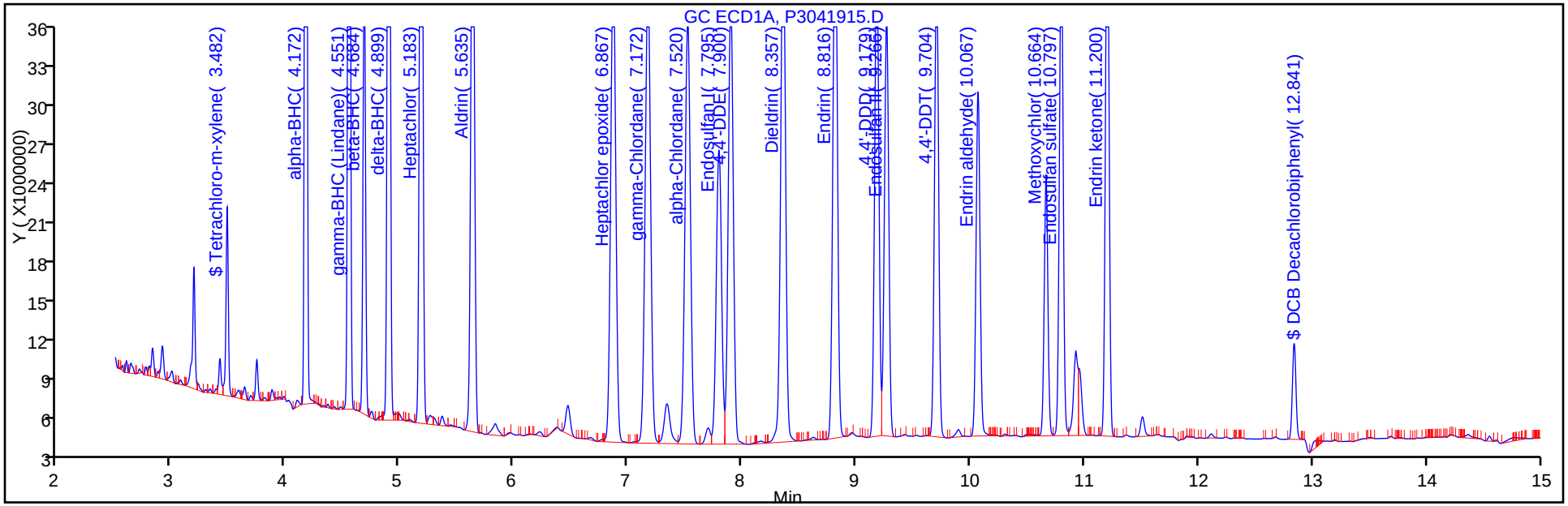
Report Date: 20-Apr-2013 07:39:41 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

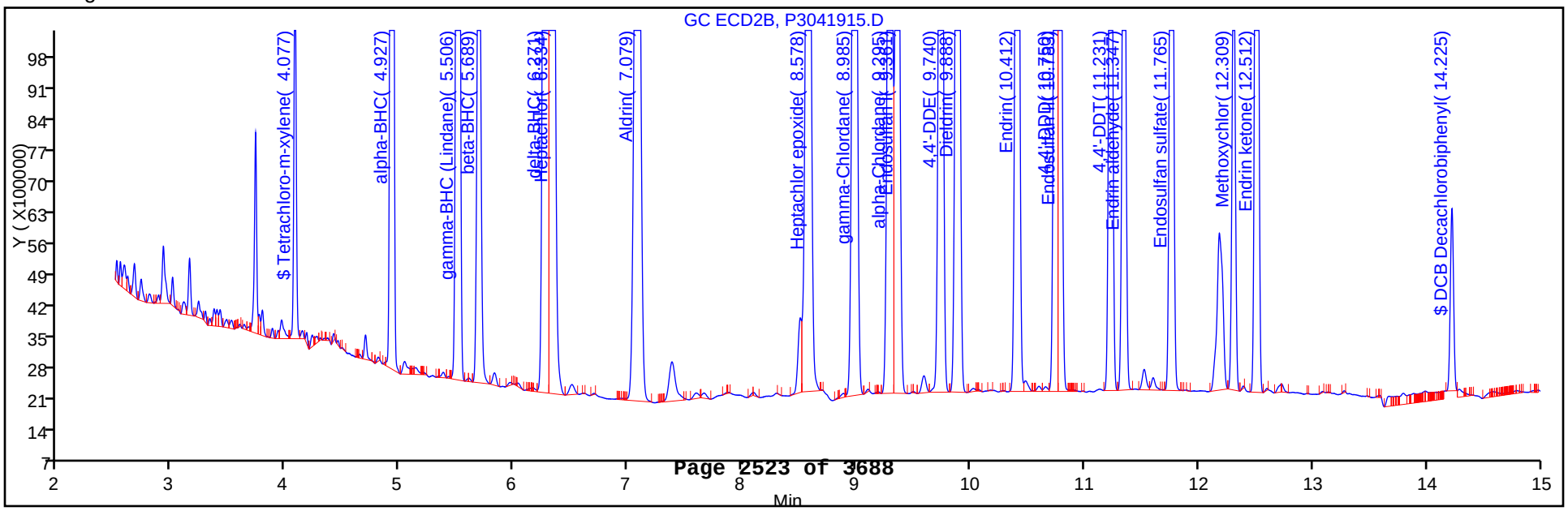
Data File: \\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041915.D

Injection Date:	19-Apr-2013 15:37:30	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82685	Lims Sample ID:	15
Operator ID:	402582	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



Manual Integration/User Assign Peak Report

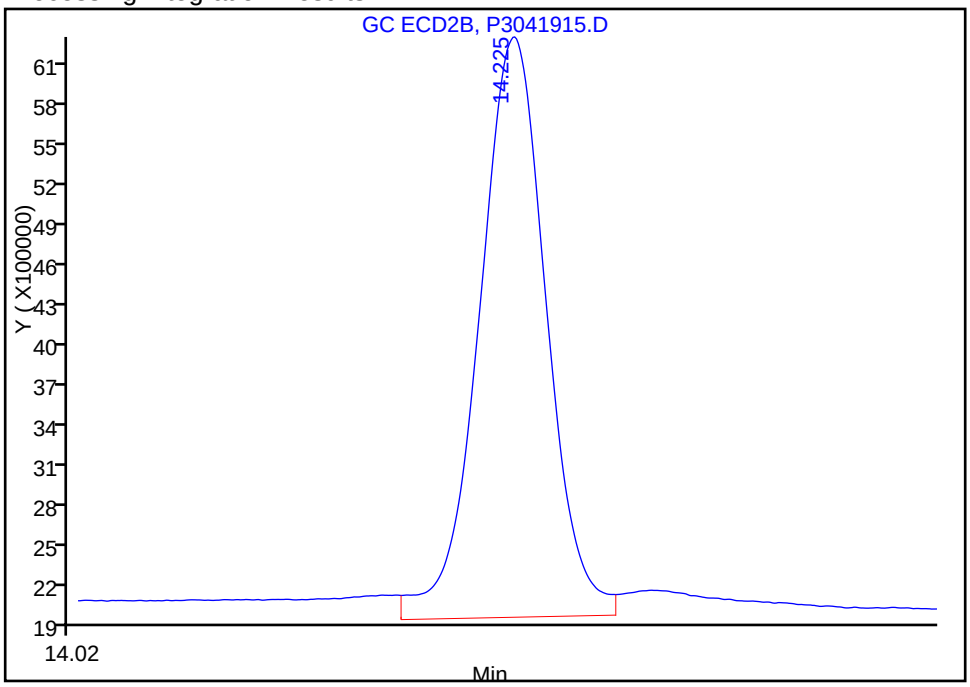
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041915.D		
Injection Date:	19-Apr-2013 15:37:30	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82685	Lims Sample ID:	15
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 10 DCB Decachlorobiphenyl, Signal: 2, Type: quant, RT: 14.25, Det: GC ecd2b

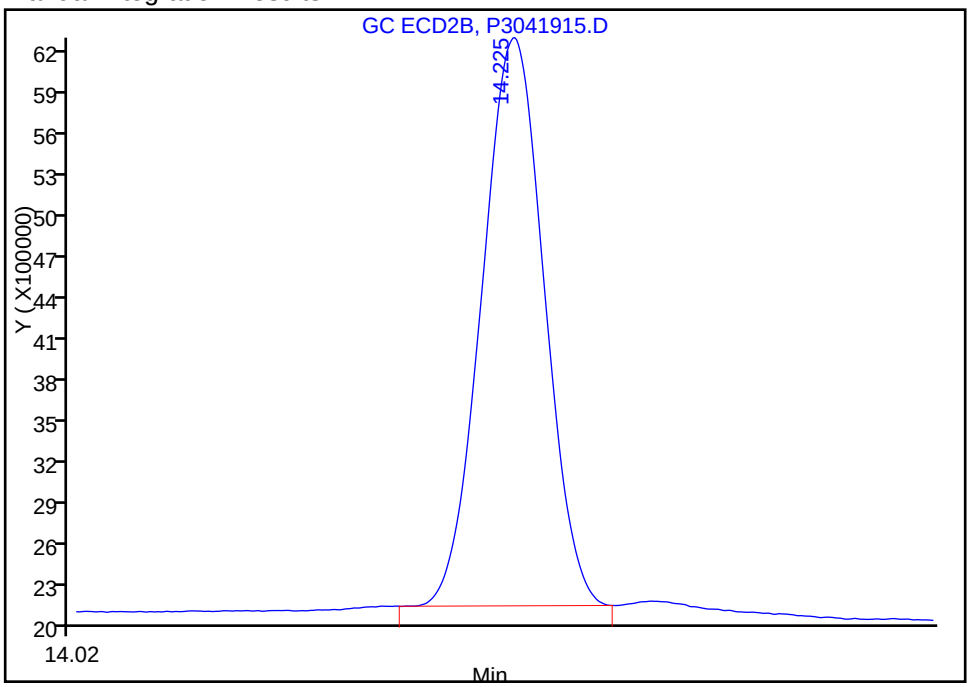
Processing Integration Results

RT: 14.22
Response: 9199751
Amount: 0.019138



Manual Integration Results

RT: 14.22
Response: 8213728
Amount: 0.017087



Reviewer: shockr, 19-Apr-2013 16:53:03
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22804-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-83135/19-A

Matrix: Solid | Lab File ID: P3042437.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 04/23/2013 08:54

Sample wt/vol: 30.00(g) | Date Analyzed: 04/24/2013 22:14

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.: 83400 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	40.7		2.0	0.67	0.62
72-55-9	4,4'-DDE	35.1		1.7	0.67	0.39
50-29-3	4,4'-DDT	30.5	M	2.0	0.67	0.63
309-00-2	Aldrin	27.5		4.0	1.3	1.2
319-84-6	alpha-BHC	32.3		2.5	1.3	0.73
5103-71-9	alpha-Chlordane	32.8		3.0	1.3	0.94
319-85-7	beta-BHC	30.5		3.5	1.3	1.1
319-86-8	delta-BHC	34.1		4.0	1.3	1.2
60-57-1	Dieldrin	35.4		1.7	0.67	0.47
959-98-8	Endosulfan I	29.5		1.7	0.67	0.52
33213-65-9	Endosulfan II	36.0		2.5	1.3	0.82
1031-07-8	Endosulfan sulfate	35.5		3.0	1.3	0.87
72-20-8	Endrin	34.5		1.7	0.67	0.50
7421-93-4	Endrin aldehyde	36.5		3.0	1.3	1.0
53494-70-5	Endrin ketone	33.9		2.0	0.67	0.63
58-89-9	gamma-BHC (Lindane)	32.0		2.5	1.3	0.74
5103-74-2	gamma-Chlordane	35.7		1.7	0.67	0.42
76-44-8	Heptachlor	28.4		3.5	1.3	1.1
1024-57-3	Heptachlor epoxide	34.8		2.5	1.3	0.80
72-43-5	Methoxychlor	34.8		5.0	3.3	1.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	90		55-130
877-09-8	Tetrachloro-m-xylene	131	Q	70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042437.D
Lims ID: LCS 240-83135/19-A Client ID:
Inject. Date: 24-Apr-2013 22:14:49 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0019209-037
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 37
Lims Batch ID: 83400 Lims Sample ID: 37
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130424-19209.b\PEST3.m
Last Update: 26-Apr-2013 09:16:41 Calib Date: 23-Apr-2013 17:41:50
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130423-19186.b\P3042315.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK026

First Level Reviewer: shockr Date: 26-Apr-2013 09:16:40

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.472	3.471	0.001	23185398	0.0263			
2	100	4.068	4.064	0.004	17108496	0.0356			
						RPD = 30.23			
5 alpha-BHC									
1	100	4.161	4.159	0.002	131884985	0.0970			
2	100	4.916	4.915	0.001	75003380	0.1050			
						RPD = 7.92			
20 gamma-BHC (Lindane)									
1	100	4.538	4.537	0.001	115879740	0.0959			
2	100	5.495	5.494	0.001	64261541	0.1025			
						RPD = 6.69			
7 beta-BHC									
1	100	4.670	4.669	0.001	47535353	0.0915			
2	100	5.678	5.679	-0.001	27012291	0.0969			
						RPD = 5.71			
11 delta-BHC									
1	100	4.882	4.882	0.000	125394859	0.1024			
2	100	6.259	6.259	0.000	59716930	0.0920			
						RPD = 10.72			
22 Heptachlor									
1	100	5.162	5.163	-0.001	87868670	0.0851			
2	100	6.321	6.322	-0.001	39852033	0.0806			
						RPD = 5.43			
4 Aldrin									
1	100	5.609	5.609	0.000	89900520	0.0826			
2	100	7.065	7.064	0.001	62769540	0.1084			
						RPD = 26.99			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.821	6.822	-0.001	103532572	0.1043			
2	100	8.565	8.565	0.000	55817961	0.1087			
						RPD = 4.12			
21 gamma-Chlordane									
1	100	7.120	7.121	-0.001	107031465	0.1072			
2	100	8.971	8.970	0.001	56493009	0.1110			
						RPD = 3.57			
6 alpha-Chlordane									
1	100	7.470	7.470	0.000	100696138	0.0984			
2	100	9.280	9.280	0.000	55053230	0.1053			
						RPD = 6.80			
14 Endosulfan I									
1	100	7.745	7.746	-0.001	80278561	0.0886			
2	100	9.346	9.346	0.000	51386212	0.1119			
						RPD = 23.29			
2 4,4'-DDE									
1	100	7.846	7.850	-0.004	102033107	0.1053			
2	100	9.727	9.727	0.000	55782974	0.1123			
						RPD = 6.39			
13 Dieldrin									
1	100	8.311	8.310	0.001	106069647	0.1062			
2	100	9.873	9.874	-0.001	56430106	0.1128			
						RPD = 5.94			
17 Endrin									
1	100	8.771	8.771	0.000	96190320	0.1035			
2	100	10.395	10.396	-0.001	49527448	0.1080			
						RPD = 4.27			
1 4,4'-DDD									
1	100	9.136	9.139	-0.003	91215033	0.1220			
2	100	10.735	10.736	-0.001	48349487	0.1387			
						RPD = 12.83			
15 Endosulfan II									
1	100	9.224	9.225	-0.001	90780522	0.1081			
2	100	10.766	10.766	0.000	49042094	0.1147			
						RPD = 5.96			
3 4,4'-DDT									M
1	100	9.665	9.668	-0.003	64256335	0.0914			M
2	100	11.216	11.217	-0.001	29210016	0.0943			
						RPD = 3.16			
18 Endrin aldehyde									
1	100	10.031	10.030	0.001	70592429	0.1096			
2	100	11.333	11.333	0.000	36233815	0.1121			
						RPD = 2.27			
27 Methoxychlor									
1	100	10.629	10.630	-0.001	36968487	0.1045			
2	100	12.299	12.299	0.000	16360812	0.1061			
						RPD = 1.49			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.761	10.763	-0.002	82621405	0.1065			
2	100	11.750	11.752	-0.002	43451699	0.1131			
						RPD = 6.00			
19 Endrin ketone									
1	100	11.163	11.165	-0.002	91307571	0.1017			
2	100	12.501	12.501	0.000	48351355	0.1125			
						RPD = 10.11			
$ 10 DCB Decachlorobiphenyl									
1	100	12.785	12.787	-0.002	14883592	0.0180			
2	100	14.216	14.217	-0.001	8072303	0.0187			
						RPD = 3.79			

QC Flag Legend

Review Flags
M - Manually Integrated

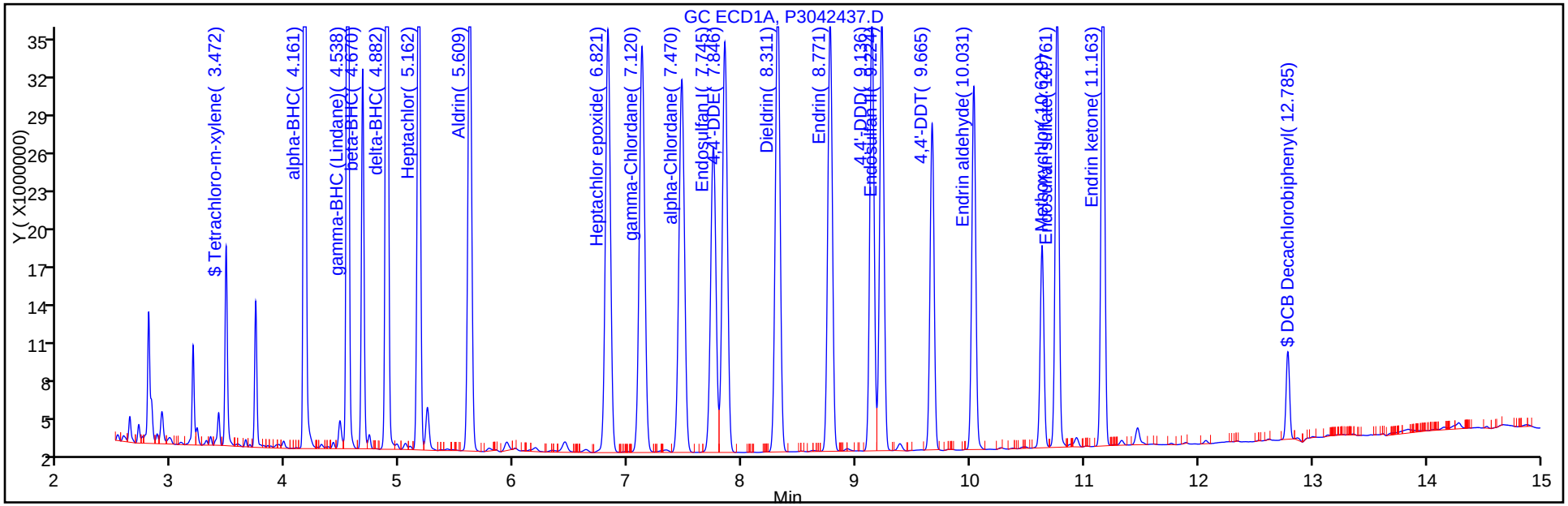
Report Date: 26-Apr-2013 09:16:41 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

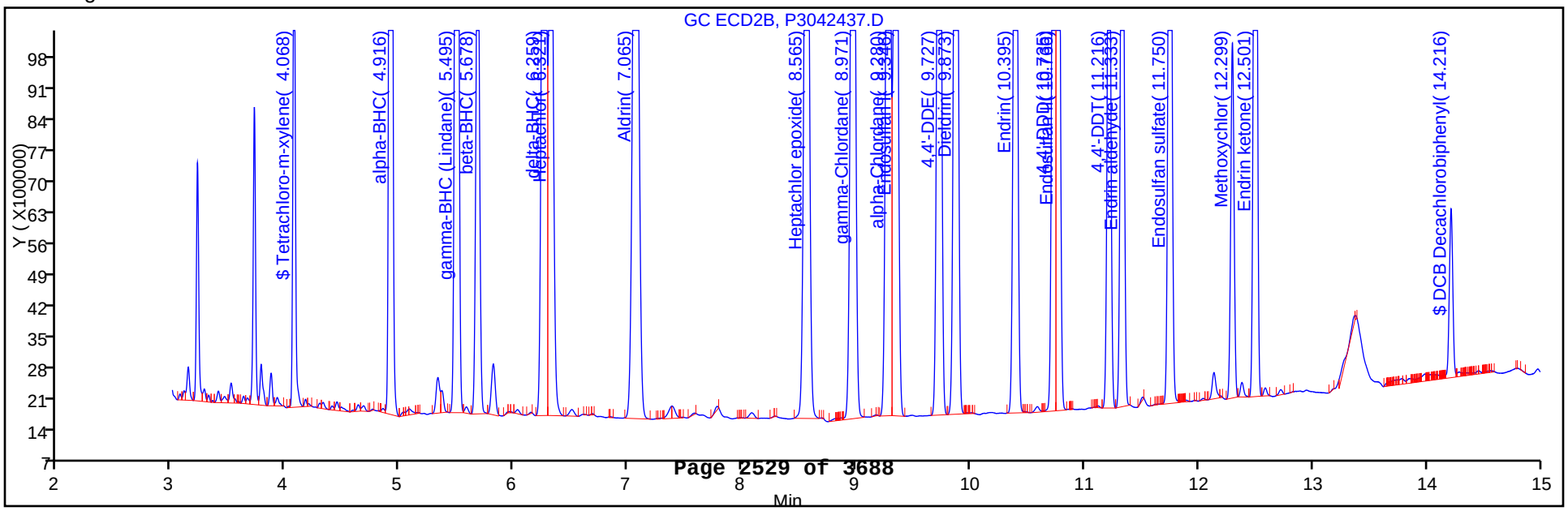
Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042437.D

Injection Date:	24-Apr-2013 22:14:49	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83400	Lims Sample ID:	37
Operator ID:	402582	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: 26-Apr-2013 09:16:41 Chrom Revision: 2.0 01-Apr-2013 21:16:10

Manual Integration/User Assign Peak Report

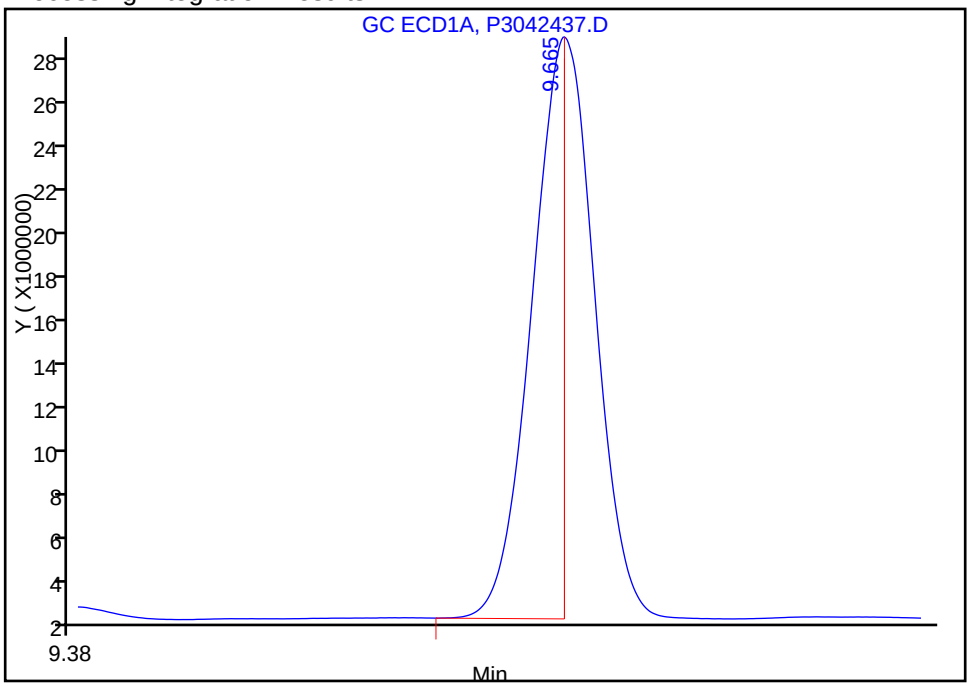
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042437.D		
Injection Date:	24-Apr-2013 22:14:49	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83400	Lims Sample ID:	37
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 4,4'-DDT, Signal: 1, Type: quant, RT: 9.67, Det: GC ECD1A

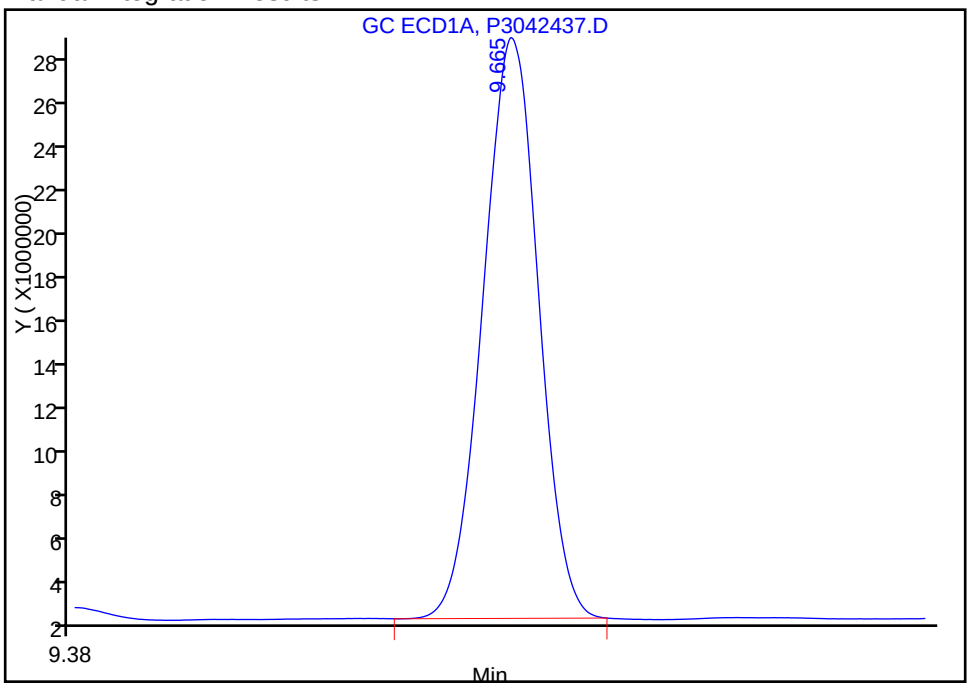
Processing Integration Results

RT: 9.66
Response: 32825227
Amount: 0.046680



Manual Integration Results

RT: 9.66
Response: 64256335
Amount: 0.091377



Reviewer: shockr, 26-Apr-2013 09:16:40
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-83135/19-A

Matrix: Solid Lab File ID: P3042437.D

Analysis Method: 8081/DOD Date Collected:

Extraction Method: 3540C Date Extracted: 04/23/2013 08:54

Sample wt/vol: 30.00(g) Date Analyzed: 04/24/2013 22:14

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.: 83400 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	93		55-130
877-09-8	Tetrachloro-m-xylene	178	Q	70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042437.D
Lims ID: LCS 240-83135/19-A Client ID:
Inject. Date: 24-Apr-2013 22:14:49 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0019209-037
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 37
Lims Batch ID: 83400 Lims Sample ID: 37
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130424-19209.b\PEST3.m
Last Update: 26-Apr-2013 09:16:41 Calib Date: 23-Apr-2013 17:41:50
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130423-19186.b\P3042315.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK026

First Level Reviewer: shockr Date: 26-Apr-2013 09:16:40

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.472	3.471	0.001	23185398	0.0263			
2	100	4.068	4.064	0.004	17108496	0.0356			
						RPD = 30.23			
5 alpha-BHC									
1	100	4.161	4.159	0.002	131884985	0.0970			
2	100	4.916	4.915	0.001	75003380	0.1050			
						RPD = 7.92			
20 gamma-BHC (Lindane)									
1	100	4.538	4.537	0.001	115879740	0.0959			
2	100	5.495	5.494	0.001	64261541	0.1025			
						RPD = 6.69			
7 beta-BHC									
1	100	4.670	4.669	0.001	47535353	0.0915			
2	100	5.678	5.679	-0.001	27012291	0.0969			
						RPD = 5.71			
11 delta-BHC									
1	100	4.882	4.882	0.000	125394859	0.1024			
2	100	6.259	6.259	0.000	59716930	0.0920			
						RPD = 10.72			
22 Heptachlor									
1	100	5.162	5.163	-0.001	87868670	0.0851			
2	100	6.321	6.322	-0.001	39852033	0.0806			
						RPD = 5.43			
4 Aldrin									
1	100	5.609	5.609	0.000	89900520	0.0826			
2	100	7.065	7.064	0.001	62769540	0.1084			
						RPD = 26.99			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.821	6.822	-0.001	103532572	0.1043			
2	100	8.565	8.565	0.000	55817961	0.1087			
						RPD = 4.12			
21 gamma-Chlordane									
1	100	7.120	7.121	-0.001	107031465	0.1072			
2	100	8.971	8.970	0.001	56493009	0.1110			
						RPD = 3.57			
6 alpha-Chlordane									
1	100	7.470	7.470	0.000	100696138	0.0984			
2	100	9.280	9.280	0.000	55053230	0.1053			
						RPD = 6.80			
14 Endosulfan I									
1	100	7.745	7.746	-0.001	80278561	0.0886			
2	100	9.346	9.346	0.000	51386212	0.1119			
						RPD = 23.29			
2 4,4'-DDE									
1	100	7.846	7.850	-0.004	102033107	0.1053			
2	100	9.727	9.727	0.000	55782974	0.1123			
						RPD = 6.39			
13 Dieldrin									
1	100	8.311	8.310	0.001	106069647	0.1062			
2	100	9.873	9.874	-0.001	56430106	0.1128			
						RPD = 5.94			
17 Endrin									
1	100	8.771	8.771	0.000	96190320	0.1035			
2	100	10.395	10.396	-0.001	49527448	0.1080			
						RPD = 4.27			
1 4,4'-DDD									
1	100	9.136	9.139	-0.003	91215033	0.1220			
2	100	10.735	10.736	-0.001	48349487	0.1387			
						RPD = 12.83			
15 Endosulfan II									
1	100	9.224	9.225	-0.001	90780522	0.1081			
2	100	10.766	10.766	0.000	49042094	0.1147			
						RPD = 5.96			
3 4,4'-DDT									M
1	100	9.665	9.668	-0.003	64256335	0.0914			M
2	100	11.216	11.217	-0.001	29210016	0.0943			
						RPD = 3.16			
18 Endrin aldehyde									
1	100	10.031	10.030	0.001	70592429	0.1096			
2	100	11.333	11.333	0.000	36233815	0.1121			
						RPD = 2.27			
27 Methoxychlor									
1	100	10.629	10.630	-0.001	36968487	0.1045			
2	100	12.299	12.299	0.000	16360812	0.1061			
						RPD = 1.49			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.761	10.763	-0.002	82621405	0.1065			
2	100	11.750	11.752	-0.002	43451699	0.1131			
						RPD = 6.00			
19 Endrin ketone									
1	100	11.163	11.165	-0.002	91307571	0.1017			
2	100	12.501	12.501	0.000	48351355	0.1125			
						RPD = 10.11			
$ 10 DCB Decachlorobiphenyl									
1	100	12.785	12.787	-0.002	14883592	0.0180			
2	100	14.216	14.217	-0.001	8072303	0.0187			
						RPD = 3.79			

QC Flag Legend

Review Flags
M - Manually Integrated

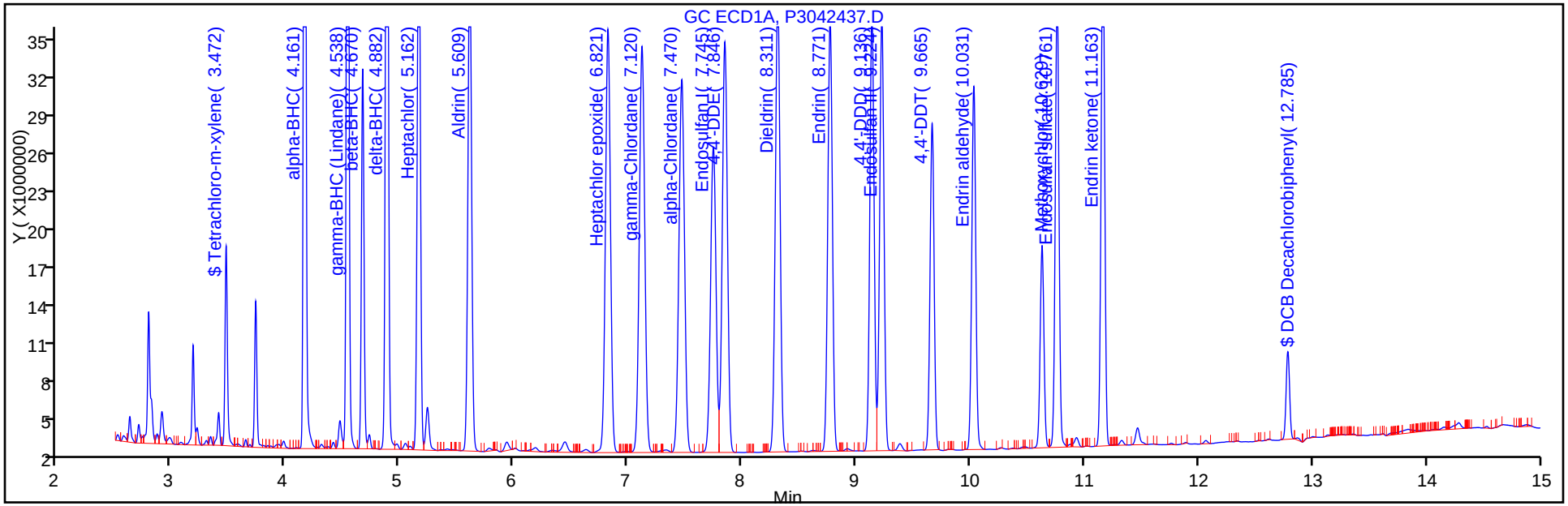
Report Date: 26-Apr-2013 09:16:41 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

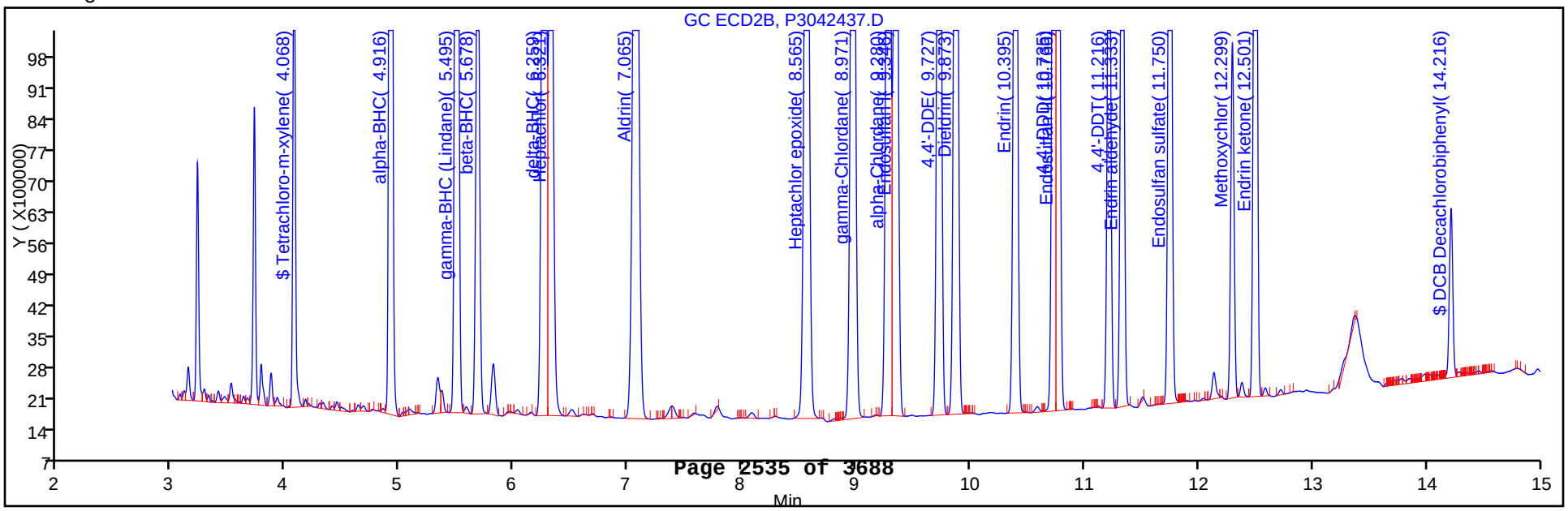
Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042437.D

Injection Date:	24-Apr-2013 22:14:49	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83400	Lims Sample ID:	37
Operator ID:	402582	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
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22804-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-82129/14

Matrix: Water | Lab File ID: P3041614.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/16/2013 16:39

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.: 82129 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.00555		0.0050	0.0010	0.00096
72-55-9	4,4'-DDE	0.00497	J	0.0050	0.0010	0.00097
50-29-3	4,4'-DDT	0.00522		0.0050	0.0030	0.0016
309-00-2	Aldrin	0.00497	J	0.0050	0.0010	0.00082
319-84-6	alpha-BHC	0.00486	J	0.0050	0.0010	0.00070
5103-71-9	alpha-Chlordane	0.00540		0.0050	0.0010	0.0014
319-85-7	beta-BHC	0.00568		0.0050	0.0010	0.00084
319-86-8	delta-BHC	0.00497	J	0.0050	0.0010	0.00087
60-57-1	Dieldrin	0.00525		0.0050	0.0010	0.00075
959-98-8	Endosulfan I	0.00555		0.0050	0.0010	0.0013
33213-65-9	Endosulfan II	0.00556		0.0050	0.0010	0.0012
1031-07-8	Endosulfan sulfate	0.00566		0.0050	0.0010	0.0011
72-20-8	Endrin	0.00556		0.0050	0.0010	0.0011
7421-93-4	Endrin aldehyde	0.00570		0.0050	0.0010	0.0011
53494-70-5	Endrin ketone	0.00559		0.0050	0.0010	0.00078
58-89-9	gamma-BHC (Lindane)	0.00498	J	0.0050	0.0010	0.00064
5103-74-2	gamma-Chlordane	0.00522		0.0050	0.0010	0.0012
76-44-8	Heptachlor	0.00578		0.0050	0.0010	0.00080
1024-57-3	Heptachlor epoxide	0.00544		0.0050	0.0010	0.00071
72-43-5	Methoxychlor	0.00682	J ^	0.010	0.0030	0.0032

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	121		50-150
877-09-8	Tetrachloro-m-xylene	98		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041614.D
Lims ID: MRL Client ID:
Inject. Date: 16-Apr-2013 16:39:19 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0018914-014
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 14
Lims Batch ID: 82129 Lims Sample ID: 14
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130416-18914.b\PEST3.m
Last Update: 17-Apr-2013 10:53:12 Calib Date: 16-Apr-2013 14:58:16
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.496	3.494	0.002	5402246	0.004910			
2	100	4.094	4.093	0.001	2775098	0.004595			
						RPD = 6.64			
12 Diallate									1
1	100		3.757						
1	2		4.066						
2	100		4.337						
2	2		4.674						
24 Hexachlorobenzene									
1	100		3.967						
2	100		4.710						
5 alpha-BHC									
1	100	4.186	4.184	0.002	7891069	0.004860			
2	100	4.951	4.949	0.002	3880126	0.005040			
						RPD = 3.63			
20 gamma-BHC (Lindane)									
1	100	4.567	4.564	0.003	7244625	0.004978			
2	100	5.534	5.532	0.002	3618072	0.005344			
						RPD = 7.08			
7 beta-BHC									
1	100	4.699	4.697	0.002	3511951	0.005678			
2	100	5.719	5.717	0.002	1867149	0.006314			
						RPD = 10.60			
11 delta-BHC									
1	100	4.913	4.911	0.002	7357228	0.004970			
2	100	6.303	6.301	0.002	3735969	0.005371			
						RPD = 7.74			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									1
1	100		5.081						
1	2		5.938						
1	3		7.171						
1	4		7.514						
2	100		6.061						
2	2		7.632						
2	3		9.010						
2	4		9.320						
22 Heptachlor									
1	100	5.197	5.194	0.003	7439570	0.005776			
2	100	6.367	6.364	0.003	3395566	0.005825			
						RPD = 0.84			
4 Aldrin									
1	100	5.646	5.644	0.002	6762907	0.004973			
2	100	7.115	7.112	0.003	3432472	0.005153			
						RPD = 3.56			
25 Isodrin									
1	100		6.228						
2	100		8.128						
23 Heptachlor epoxide									
1	100	6.873	6.869	0.004	6685140	0.005435			
2	100	8.607	8.605	0.002	3297091	0.005672			
						RPD = 4.26			
21 gamma-Chlordane									
1	100	7.175	7.170	0.005	6592295	0.005218			
2	100	9.013	9.010	0.003	3237568	0.005519			
						RPD = 5.62			
6 alpha-Chlordane									
1	100	7.522	7.517	0.005	6963852	0.005400			
2	100	9.322	9.319	0.003	3335670	0.005465			
						RPD = 1.21			
14 Endosulfan I									
1	100	7.797	7.794	0.003	6395891	0.005549			
2	100	9.389	9.386	0.003	3033069	0.005708			
						RPD = 2.83			
2 4,4'-DDE									
1	100	7.902	7.894	0.008	6289093	0.004966			
2	100	9.768	9.765	0.003	2989941	0.004903			
						RPD = 1.28			
28 Mirex									
1	100		8.279						
2	100		9.197						
13 Dieldrin									
1	100	8.362	8.357	0.005	6656923	0.005248			
2	100	9.916	9.913	0.003	3111645	0.005235			
						RPD = 0.25			
17 Endrin									
1	100	8.821	8.817	0.004	6613328	0.005561			
2	100	10.437	10.435	0.002	3040054	0.005674			
						RPD = 2.06			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									
1	100		8.886						
2	100		10.595						
1 4,4'-DDD									
1	100	9.188	9.184	0.004	5390021	0.005555			
2	100	10.777	10.774	0.003	2396308	0.005605			
						RPD = 0.89			
15 Endosulfan II									
1	100	9.274	9.269	0.005	6088337	0.005562			
2	100	10.808	10.808	0.000	2902635	0.005979			
						RPD = 7.22			
9 Chlorobenzilate									1
1	100		9.289						
2	100		10.597						
3 4,4'-DDT									
1	100	9.716	9.710	0.006	4817917	0.005224			
2	100	11.257	11.256	0.001	2015021	0.005094			
						RPD = 2.52			
18 Endrin aldehyde									
1	100	10.080	10.074	0.006	5017800	0.005698			
2	100	11.375	11.372	0.003	2436766	0.006168			
						RPD = 7.93			
30 Toxaphene									1
1	1		10.265						
1	2		10.611						
1	3		10.765						
1	4		11.181						
1	5		11.449						
2	100		10.363						
2	2		10.955						
2	3		11.376						
2	4		12.119						
2	5		12.679						
27 Methoxychlor									
1	100	10.676	10.672	0.004	3146315	0.006819			
2	100	12.339	12.337	0.002	1279094	0.006411			
						RPD = 6.17			
16 Endosulfan sulfate									
1	100	10.809	10.805	0.004	5554902	0.005662			
2	100	11.793	11.791	0.002	2638035	0.005965			
						RPD = 5.21			
19 Endrin ketone									
1	100	11.211	11.206	0.005	6401417	0.005592			
2	100	12.542	12.539	0.003	2956510	0.005895			
						RPD = 5.26			
$ 10 DCB Decachlorobiphenyl									
1	100	12.832	12.827	0.005	5798343	0.006038			
2	100	14.257	14.254	0.003	2975602	0.006190			
						RPD = 2.48			

QC Flag Legend

Processing Flags
1 - Missing Peaks

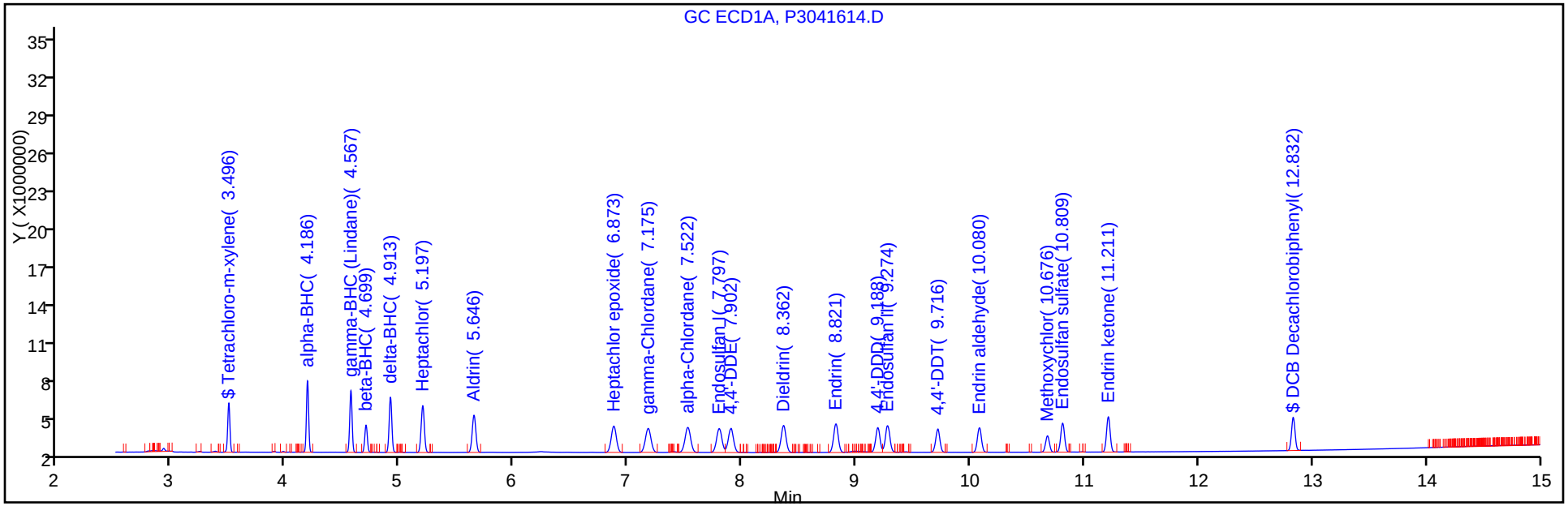
Report Date: 17-Apr-2013 10:53:23 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

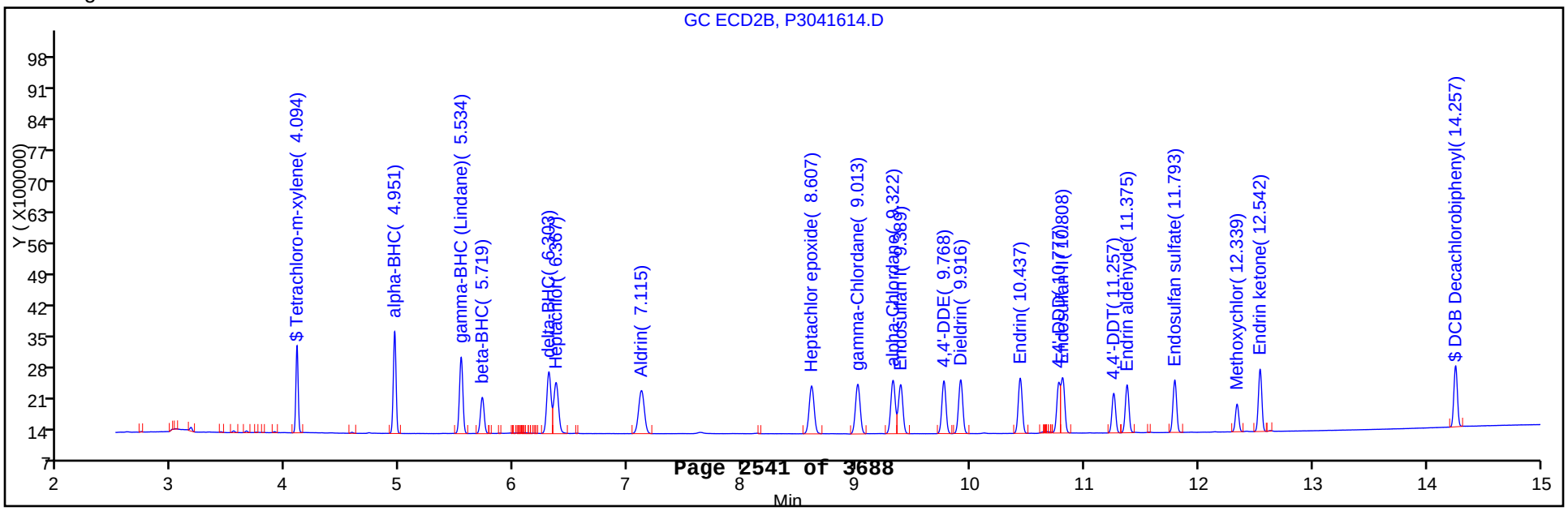
Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041614.D

Injection Date:	16-Apr-2013 16:39:19	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82129	Lims Sample ID:	14
Operator ID:	402582	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
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22804-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-82129/14

Matrix: Water | Lab File ID: P3041614.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/16/2013 16:39

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.: 82129 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	*4,4'-DDD*	*0.00560*		*0.0050*	0.0010	*0.00096*
72-55-9	*4,4'-DDE*	*0.00490*	*J*	*0.0050*	0.0010	*0.00097*
50-29-3	*4,4'-DDT*	*0.00509*		*0.0050*	0.0030	*0.0016*
309-00-2	*Aldrin*	*0.00515*		*0.0050*	0.0010	*0.00082*
319-84-6	*alpha-BHC*	*0.00504*		*0.0050*	0.0010	*0.00070*
5103-71-9	*alpha-Chlordane*	*0.00547*		*0.0050*	0.0010	*0.0014*
319-85-7	*beta-BHC*	*0.00631*		*0.0050*	0.0010	*0.00084*
319-86-8	*delta-BHC*	*0.00537*		*0.0050*	0.0010	*0.00087*
60-57-1	*Dieldrin*	*0.00524*		*0.0050*	0.0010	*0.00075*
959-98-8	*Endosulfan I*	*0.00571*		*0.0050*	0.0010	*0.0013*
33213-65-9	*Endosulfan II*	*0.00598*		*0.0050*	0.0010	*0.0012*
1031-07-8	*Endosulfan sulfate*	*0.00597*		*0.0050*	0.0010	*0.0011*
72-20-8	*Endrin*	*0.00567*		*0.0050*	0.0010	*0.0011*
7421-93-4	*Endrin aldehyde*	*0.00617*		*0.0050*	0.0010	*0.0011*
53494-70-5	*Endrin ketone*	*0.00589*		*0.0050*	0.0010	*0.00078*
58-89-9	*gamma-BHC (Lindane)*	*0.00534*		*0.0050*	0.0010	*0.00064*
5103-74-2	*gamma-Chlordane*	*0.00552*		*0.0050*	0.0010	*0.0012*
76-44-8	*Heptachlor*	*0.00582*		*0.0050*	0.0010	*0.00080*
1024-57-3	*Heptachlor epoxide*	*0.00567*		*0.0050*	0.0010	*0.00071*
72-43-5	*Methoxychlor*	*0.00641*	*J*	*0.010*	0.0030	*0.0032*
8001-35-2	*Toxaphene*	*0.050*	*U*	*0.20*	0.050	*0.032*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	124		50-150
877-09-8	Tetrachloro-m-xylene	92		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041614.D
Lims ID: MRL Client ID:
Inject. Date: 16-Apr-2013 16:39:19 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0018914-014
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 14
Lims Batch ID: 82129 Lims Sample ID: 14
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130416-18914.b\PEST3.m
Last Update: 17-Apr-2013 10:53:12 Calib Date: 16-Apr-2013 14:58:16
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.496	3.494	0.002	5402246	0.004910			
2	100	4.094	4.093	0.001	2775098	0.004595			
						RPD = 6.64			
12 Diallate									1
1	100		3.757						
1	2		4.066						
2	100		4.337						
2	2		4.674						
24 Hexachlorobenzene									
1	100		3.967						
2	100		4.710						
5 alpha-BHC									
1	100	4.186	4.184	0.002	7891069	0.004860			
2	100	4.951	4.949	0.002	3880126	0.005040			
						RPD = 3.63			
20 gamma-BHC (Lindane)									
1	100	4.567	4.564	0.003	7244625	0.004978			
2	100	5.534	5.532	0.002	3618072	0.005344			
						RPD = 7.08			
7 beta-BHC									
1	100	4.699	4.697	0.002	3511951	0.005678			
2	100	5.719	5.717	0.002	1867149	0.006314			
						RPD = 10.60			
11 delta-BHC									
1	100	4.913	4.911	0.002	7357228	0.004970			
2	100	6.303	6.301	0.002	3735969	0.005371			
						RPD = 7.74			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									1
1	100		5.081						
1	2		5.938						
1	3		7.171						
1	4		7.514						
2	100		6.061						
2	2		7.632						
2	3		9.010						
2	4		9.320						
22 Heptachlor									
1	100	5.197	5.194	0.003	7439570	0.005776			
2	100	6.367	6.364	0.003	3395566	0.005825			
						RPD = 0.84			
4 Aldrin									
1	100	5.646	5.644	0.002	6762907	0.004973			
2	100	7.115	7.112	0.003	3432472	0.005153			
						RPD = 3.56			
25 Isodrin									
1	100		6.228						
2	100		8.128						
23 Heptachlor epoxide									
1	100	6.873	6.869	0.004	6685140	0.005435			
2	100	8.607	8.605	0.002	3297091	0.005672			
						RPD = 4.26			
21 gamma-Chlordane									
1	100	7.175	7.170	0.005	6592295	0.005218			
2	100	9.013	9.010	0.003	3237568	0.005519			
						RPD = 5.62			
6 alpha-Chlordane									
1	100	7.522	7.517	0.005	6963852	0.005400			
2	100	9.322	9.319	0.003	3335670	0.005465			
						RPD = 1.21			
14 Endosulfan I									
1	100	7.797	7.794	0.003	6395891	0.005549			
2	100	9.389	9.386	0.003	3033069	0.005708			
						RPD = 2.83			
2 4,4'-DDE									
1	100	7.902	7.894	0.008	6289093	0.004966			
2	100	9.768	9.765	0.003	2989941	0.004903			
						RPD = 1.28			
28 Mirex									
1	100		8.279						
2	100		9.197						
13 Dieldrin									
1	100	8.362	8.357	0.005	6656923	0.005248			
2	100	9.916	9.913	0.003	3111645	0.005235			
						RPD = 0.25			
17 Endrin									
1	100	8.821	8.817	0.004	6613328	0.005561			
2	100	10.437	10.435	0.002	3040054	0.005674			
						RPD = 2.06			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									
1	100		8.886						
2	100		10.595						
1 4,4'-DDD									
1	100	9.188	9.184	0.004	5390021	0.005555			
2	100	10.777	10.774	0.003	2396308	0.005605			
						RPD = 0.89			
15 Endosulfan II									
1	100	9.274	9.269	0.005	6088337	0.005562			
2	100	10.808	10.808	0.000	2902635	0.005979			
						RPD = 7.22			
9 Chlorobenzilate									1
1	100		9.289						
2	100		10.597						
3 4,4'-DDT									
1	100	9.716	9.710	0.006	4817917	0.005224			
2	100	11.257	11.256	0.001	2015021	0.005094			
						RPD = 2.52			
18 Endrin aldehyde									
1	100	10.080	10.074	0.006	5017800	0.005698			
2	100	11.375	11.372	0.003	2436766	0.006168			
						RPD = 7.93			
30 Toxaphene									1
1	1		10.265						
1	2		10.611						
1	3		10.765						
1	4		11.181						
1	5		11.449						
2	100		10.363						
2	2		10.955						
2	3		11.376						
2	4		12.119						
2	5		12.679						
27 Methoxychlor									
1	100	10.676	10.672	0.004	3146315	0.006819			
2	100	12.339	12.337	0.002	1279094	0.006411			
						RPD = 6.17			
16 Endosulfan sulfate									
1	100	10.809	10.805	0.004	5554902	0.005662			
2	100	11.793	11.791	0.002	2638035	0.005965			
						RPD = 5.21			
19 Endrin ketone									
1	100	11.211	11.206	0.005	6401417	0.005592			
2	100	12.542	12.539	0.003	2956510	0.005895			
						RPD = 5.26			
$ 10 DCB Decachlorobiphenyl									
1	100	12.832	12.827	0.005	5798343	0.006038			
2	100	14.257	14.254	0.003	2975602	0.006190			
						RPD = 2.48			

QC Flag Legend

Processing Flags
1 - Missing Peaks

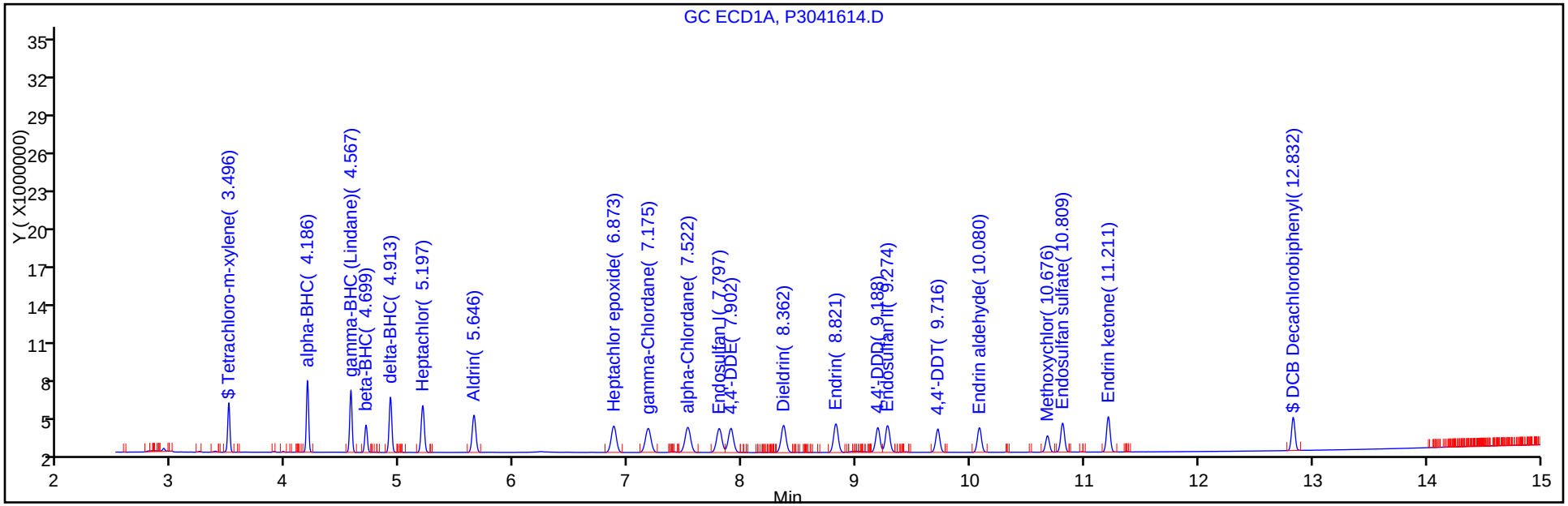
Report Date: 17-Apr-2013 10:53:23 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

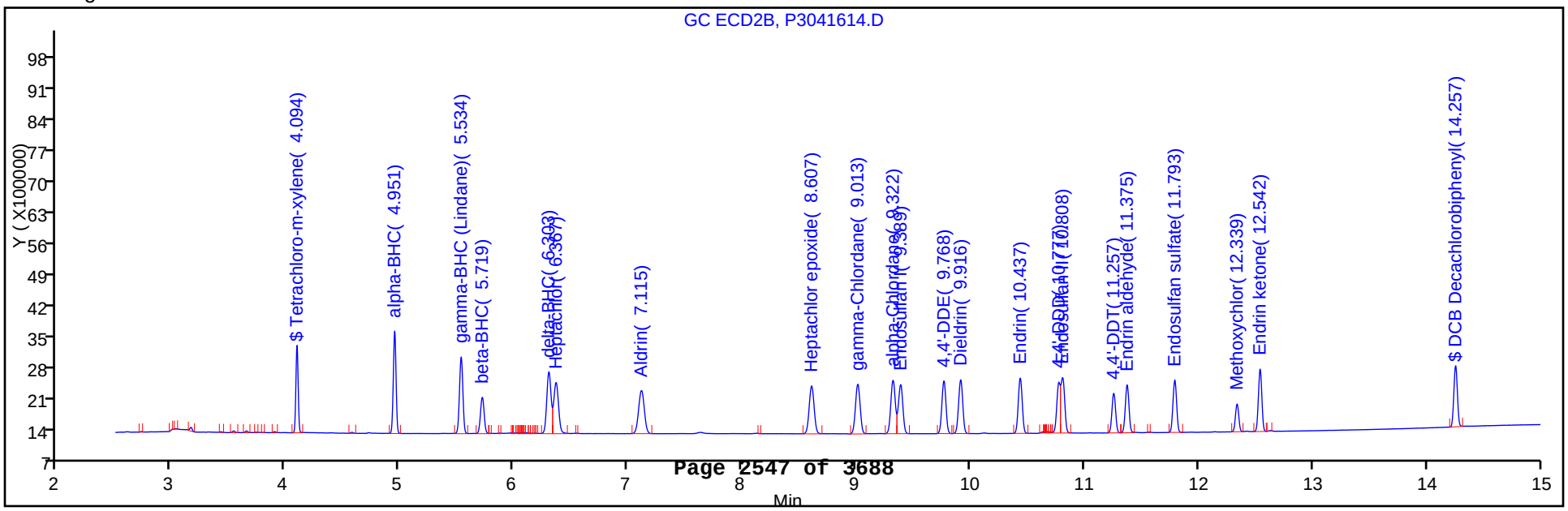
Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041614.D

Injection Date:	16-Apr-2013 16:39:19	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82129	Lims Sample ID:	14
Operator ID:	402582	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
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22804-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-82129/51

Matrix: Water | Lab File ID: P3041651.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/17/2013 05:05

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.: 82129 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.00584		0.0050	0.0010	0.00096
72-55-9	4,4'-DDE	0.00536		0.0050	0.0010	0.00097
50-29-3	4,4'-DDT	0.00570		0.0050	0.0030	0.0016
309-00-2	Aldrin	0.00542		0.0050	0.0010	0.00082
319-84-6	alpha-BHC	0.00535		0.0050	0.0010	0.00070
5103-71-9	alpha-Chlordane	0.00590		0.0050	0.0010	0.0014
319-85-7	beta-BHC	0.00610		0.0050	0.0010	0.00084
319-86-8	delta-BHC	0.00537		0.0050	0.0010	0.00087
60-57-1	Dieldrin	0.00566		0.0050	0.0010	0.00075
959-98-8	Endosulfan I	0.00602		0.0050	0.0010	0.0013
33213-65-9	Endosulfan II	0.00588		0.0050	0.0010	0.0012
1031-07-8	Endosulfan sulfate	0.00600		0.0050	0.0010	0.0011
72-20-8	Endrin	0.00589		0.0050	0.0010	0.0011
7421-93-4	Endrin aldehyde	0.00620		0.0050	0.0010	0.0011
53494-70-5	Endrin ketone	0.00608		0.0050	0.0010	0.00078
58-89-9	gamma-BHC (Lindane)	0.00554		0.0050	0.0010	0.00064
5103-74-2	gamma-Chlordane	0.00576		0.0050	0.0010	0.0012
76-44-8	Heptachlor	0.00631		0.0050	0.0010	0.00080
1024-57-3	Heptachlor epoxide	0.00591		0.0050	0.0010	0.00071
72-43-5	Methoxychlor	0.00722	J ^	0.010	0.0030	0.0032

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	127		50-150
877-09-8	Tetrachloro-m-xylene	107		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041651.D
Lims ID: MRL Client ID:
Inject. Date: 17-Apr-2013 05:05:11 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0018914-051
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 51
Lims Batch ID: 82129 Lims Sample ID: 51
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130416-18914.b\PEST3.m
Last Update: 17-Apr-2013 10:52:45 Calib Date: 16-Apr-2013 14:58:16
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.493	3.494	-0.001	5875715	0.005341			
2	100	4.092	4.093	-0.001	3042654	0.005038			
						RPD = 5.84			
12 Diallate									1
1	100		3.756						
1	2		4.064						
2	100		4.335						
2	2		4.671						
24 Hexachlorobenzene									
1	100		3.967						
2	100		4.710						
5 alpha-BHC									
1	100	4.184	4.184	0.000	8694270	0.005355			
2	100	4.949	4.949	0.000	4302472	0.005588			
						RPD = 4.27			
20 gamma-BHC (Lindane)									
1	100	4.564	4.564	0.000	8054850	0.005535			
2	100	5.532	5.532	0.000	4021720	0.005940			
						RPD = 7.05			
7 beta-BHC									
1	100	4.697	4.697	0.000	3774048	0.006102			
2	100	5.717	5.717	0.000	2020027	0.006831			
						RPD = 11.27			
11 delta-BHC									
1	100	4.911	4.911	0.000	7953301	0.005373			
2	100	6.302	6.301	0.001	3997198	0.005746			
						RPD = 6.71			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									1
1	100		5.081						
1	2		5.938						
1	3		7.171						
1	4		7.514						
2	100		6.061						
2	2		7.632						
2	3		9.010						
2	4		9.320						
22 Heptachlor									
1	100	5.193	5.194	-0.001	8127652	0.006310			
2	100	6.364	6.364	0.000	3693671	0.006336			
						RPD = 0.41			
4 Aldrin									
1	100	5.643	5.644	-0.001	7375008	0.005423			
2	100	7.112	7.112	0.000	3771210	0.005662			
						RPD = 4.31			
25 Isodrin									
1	100		6.228						
2	100		8.128						
23 Heptachlor epoxide									
1	100	6.867	6.869	-0.002	7266369	0.005908			
2	100	8.607	8.605	0.002	3629967	0.006244			
						RPD = 5.54			
21 gamma-Chlordane									
1	100	7.171	7.170	0.001	7280650	0.005762			
2	100	9.011	9.010	0.001	3568165	0.006083			
						RPD = 5.41			
6 alpha-Chlordane									
1	100	7.519	7.517	0.002	7603525	0.005896			
2	100	9.319	9.319	0.000	3683737	0.006036			
						RPD = 2.35			
14 Endosulfan I									
1	100	7.794	7.794	0.000	6934025	0.006016			
2	100	9.386	9.386	0.000	3336270	0.006279			
						RPD = 4.28			
2 4,4'-DDE									
1	100	7.894	7.894	0.000	6786118	0.005358			
2	100	9.766	9.765	0.001	3268415	0.005359			
						RPD = 0.02			
28 Mirex									
1	100	8.277	8.279	-0.002	7375	0			
2	100	9.203	9.197	0.006	11302	0			
						RPD = 0.00			
13 Dieldrin									
1	100	8.356	8.357	-0.001	7173518	0.005655			
2	100	9.912	9.913	-0.001	3412800	0.005742			
						RPD = 1.51			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
17 Endrin									
1	100	8.818	8.817	0.001	7000793	0.005887			
2	100	10.435	10.435	0.000	3339545	0.006233			
						RPD = 5.70			
26 Kepone									1
1	100		8.886						
2	100		10.595						
1 4,4'-DDD									
1	100	9.184	9.184	0.000	5669707	0.005843			
2	100	10.773	10.774	-0.001	2385266	0.005579			
						RPD = 4.63			
15 Endosulfan II									
1	100	9.270	9.269	0.001	6440015	0.005884			
2	100	10.808	10.808	0.000	3309102	0.006816			
						RPD = 14.69			
9 Chlorobenzilate									1
1	100		9.286						
2	100		10.594						
3 4,4'-DDT									
1	100	9.712	9.710	0.002	5257610	0.005701			
2	100	11.256	11.256	0.000	2278747	0.005761			
						RPD = 1.05			
18 Endrin aldehyde									
1	100	10.074	10.074	0.000	5460547	0.006200			
2	100	11.373	11.372	0.001	2667279	0.006751			
						RPD = 8.51			
30 Toxaphene									1
1	1		10.263						
1	2		10.610						
1	3		10.759						
1	4		11.177						
1	5		11.447						
2	100		10.360						
2	2		10.954						
2	3		11.375						
2	4		12.117						
2	5		12.678						
27 Methoxychlor									
1	100	10.672	10.672	0.000	3331129	0.007219			
2	100	12.338	12.337	0.001	1416291	0.007099			
						RPD = 1.69			
16 Endosulfan sulfate									
1	100	10.805	10.805	0.000	5881675	0.005995			
2	100	11.791	11.791	0.000	2879991	0.006512			
						RPD = 8.27			
19 Endrin ketone									
1	100	11.207	11.206	0.001	6963252	0.006083			
2	100	12.540	12.539	0.001	3292396	0.006565			
						RPD = 7.61			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 10 DCB Decachlorobiphenyl									
1	100	12.829	12.827	0.002	6082752	0.006335			
2	100	14.256	14.254	0.002	3119788	0.006490			
						RPD = 2.42			

QC Flag Legend

Processing Flags
1 - Missing Peaks

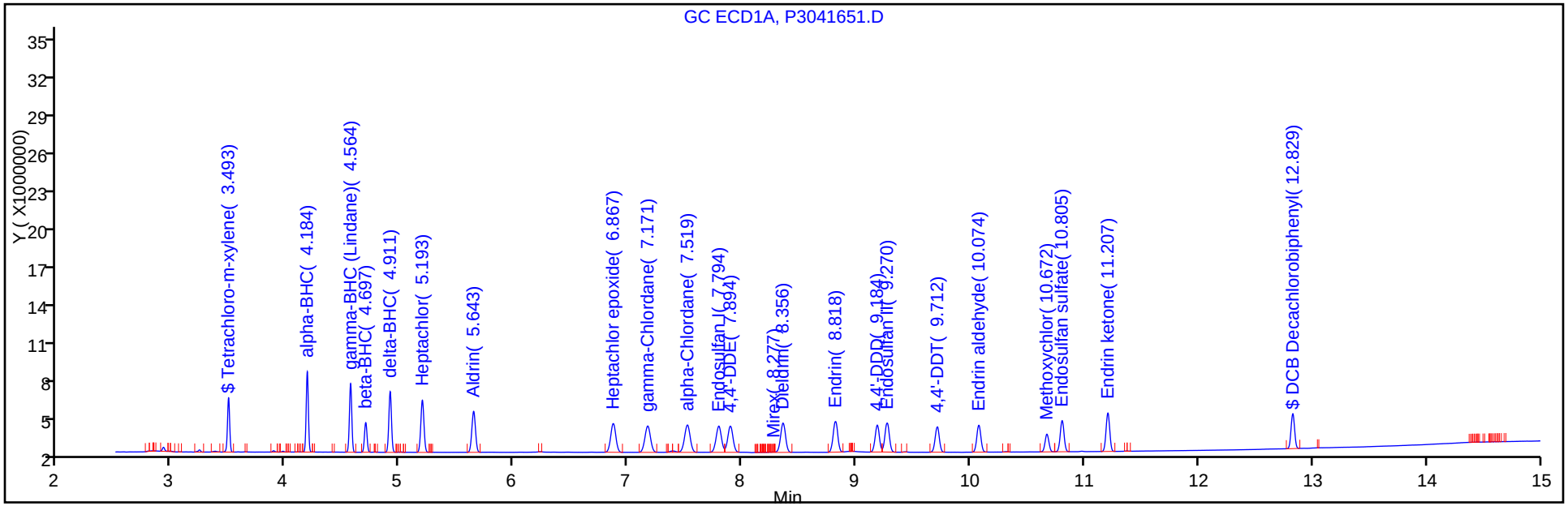
Report Date: 17-Apr-2013 10:52:46 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

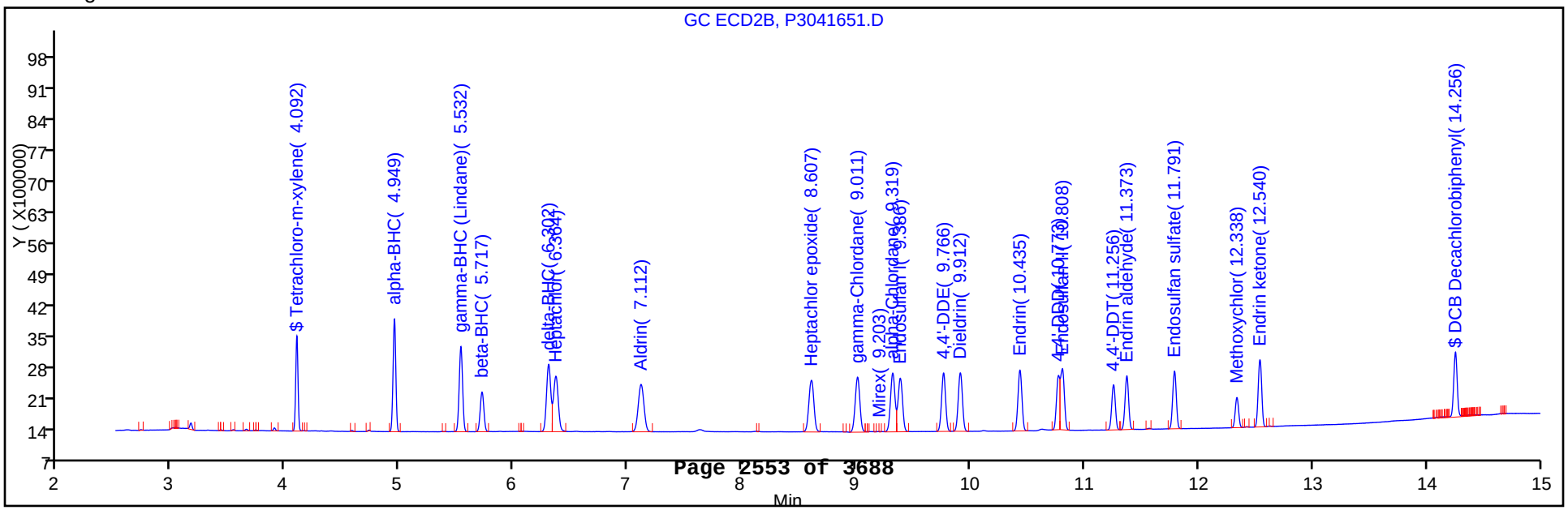
Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041651.D

Injection Date:	17-Apr-2013 05:05:11	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82129	Lims Sample ID:	51
Operator ID:	402582	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
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22804-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-82129/51

Matrix: Water | Lab File ID: P3041651.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/17/2013 05:05

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.: 82129 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	*4,4'-DDD*	*0.00558*		*0.0050*	0.0010	*0.00096*
72-55-9	*4,4'-DDE*	*0.00536*		*0.0050*	0.0010	*0.00097*
50-29-3	*4,4'-DDT*	*0.00576*		*0.0050*	0.0030	*0.0016*
309-00-2	*Aldrin*	*0.00566*		*0.0050*	0.0010	*0.00082*
319-84-6	*alpha-BHC*	*0.00559*		*0.0050*	0.0010	*0.00070*
5103-71-9	*alpha-Chlordane*	*0.00604*		*0.0050*	0.0010	*0.0014*
319-85-7	*beta-BHC*	*0.00683*	^	*0.0050*	0.0010	*0.00084*
319-86-8	*delta-BHC*	*0.00575*		*0.0050*	0.0010	*0.00087*
60-57-1	*Dieldrin*	*0.00574*		*0.0050*	0.0010	*0.00075*
959-98-8	*Endosulfan I*	*0.00628*		*0.0050*	0.0010	*0.0013*
33213-65-9	*Endosulfan II*	*0.00682*	^	*0.0050*	0.0010	*0.0012*
1031-07-8	*Endosulfan sulfate*	*0.00651*		*0.0050*	0.0010	*0.0011*
72-20-8	*Endrin*	*0.00623*		*0.0050*	0.0010	*0.0011*
7421-93-4	*Endrin aldehyde*	*0.00675*	^	*0.0050*	0.0010	*0.0011*
53494-70-5	*Endrin ketone*	*0.00656*	^	*0.0050*	0.0010	*0.00078*
58-89-9	*gamma-BHC (Lindane)*	*0.00594*		*0.0050*	0.0010	*0.00064*
5103-74-2	*gamma-Chlordane*	*0.00608*		*0.0050*	0.0010	*0.0012*
76-44-8	*Heptachlor*	*0.00634*		*0.0050*	0.0010	*0.00080*
1024-57-3	*Heptachlor epoxide*	*0.00624*		*0.0050*	0.0010	*0.00071*
72-43-5	*Methoxychlor*	*0.00710*	*J ^*	*0.010*	0.0030	*0.0032*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	130		50-150
877-09-8	Tetrachloro-m-xylene	101		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041651.D
Lims ID: MRL Client ID:
Inject. Date: 17-Apr-2013 05:05:11 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0018914-051
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 51
Lims Batch ID: 82129 Lims Sample ID: 51
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130416-18914.b\PEST3.m
Last Update: 17-Apr-2013 10:52:45 Calib Date: 16-Apr-2013 14:58:16
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.493	3.494	-0.001	5875715	0.005341			
2	100	4.092	4.093	-0.001	3042654	0.005038			
						RPD = 5.84			
12 Diallate									1
1	100		3.756						
1	2		4.064						
2	100		4.335						
2	2		4.671						
24 Hexachlorobenzene									
1	100		3.967						
2	100		4.710						
5 alpha-BHC									
1	100	4.184	4.184	0.000	8694270	0.005355			
2	100	4.949	4.949	0.000	4302472	0.005588			
						RPD = 4.27			
20 gamma-BHC (Lindane)									
1	100	4.564	4.564	0.000	8054850	0.005535			
2	100	5.532	5.532	0.000	4021720	0.005940			
						RPD = 7.05			
7 beta-BHC									
1	100	4.697	4.697	0.000	3774048	0.006102			
2	100	5.717	5.717	0.000	2020027	0.006831			
						RPD = 11.27			
11 delta-BHC									
1	100	4.911	4.911	0.000	7953301	0.005373			
2	100	6.302	6.301	0.001	3997198	0.005746			
						RPD = 6.71			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									1
1	100		5.081						
1	2		5.938						
1	3		7.171						
1	4		7.514						
2	100		6.061						
2	2		7.632						
2	3		9.010						
2	4		9.320						
22 Heptachlor									
1	100	5.193	5.194	-0.001	8127652	0.006310			
2	100	6.364	6.364	0.000	3693671	0.006336			
						RPD = 0.41			
4 Aldrin									
1	100	5.643	5.644	-0.001	7375008	0.005423			
2	100	7.112	7.112	0.000	3771210	0.005662			
						RPD = 4.31			
25 Isodrin									
1	100		6.228						
2	100		8.128						
23 Heptachlor epoxide									
1	100	6.867	6.869	-0.002	7266369	0.005908			
2	100	8.607	8.605	0.002	3629967	0.006244			
						RPD = 5.54			
21 gamma-Chlordane									
1	100	7.171	7.170	0.001	7280650	0.005762			
2	100	9.011	9.010	0.001	3568165	0.006083			
						RPD = 5.41			
6 alpha-Chlordane									
1	100	7.519	7.517	0.002	7603525	0.005896			
2	100	9.319	9.319	0.000	3683737	0.006036			
						RPD = 2.35			
14 Endosulfan I									
1	100	7.794	7.794	0.000	6934025	0.006016			
2	100	9.386	9.386	0.000	3336270	0.006279			
						RPD = 4.28			
2 4,4'-DDE									
1	100	7.894	7.894	0.000	6786118	0.005358			
2	100	9.766	9.765	0.001	3268415	0.005359			
						RPD = 0.02			
28 Mirex									
1	100	8.277	8.279	-0.002	7375	0			
2	100	9.203	9.197	0.006	11302	0			
						RPD = 0.00			
13 Dieldrin									
1	100	8.356	8.357	-0.001	7173518	0.005655			
2	100	9.912	9.913	-0.001	3412800	0.005742			
						RPD = 1.51			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
17 Endrin									
1	100	8.818	8.817	0.001	7000793	0.005887			
2	100	10.435	10.435	0.000	3339545	0.006233			
						RPD = 5.70			
26 Kepone									1
1	100		8.886						
2	100		10.595						
1 4,4'-DDD									
1	100	9.184	9.184	0.000	5669707	0.005843			
2	100	10.773	10.774	-0.001	2385266	0.005579			
						RPD = 4.63			
15 Endosulfan II									
1	100	9.270	9.269	0.001	6440015	0.005884			
2	100	10.808	10.808	0.000	3309102	0.006816			
						RPD = 14.69			
9 Chlorobenzilate									1
1	100		9.286						
2	100		10.594						
3 4,4'-DDT									
1	100	9.712	9.710	0.002	5257610	0.005701			
2	100	11.256	11.256	0.000	2278747	0.005761			
						RPD = 1.05			
18 Endrin aldehyde									
1	100	10.074	10.074	0.000	5460547	0.006200			
2	100	11.373	11.372	0.001	2667279	0.006751			
						RPD = 8.51			
30 Toxaphene									1
1	1		10.263						
1	2		10.610						
1	3		10.759						
1	4		11.177						
1	5		11.447						
2	100		10.360						
2	2		10.954						
2	3		11.375						
2	4		12.117						
2	5		12.678						
27 Methoxychlor									
1	100	10.672	10.672	0.000	3331129	0.007219			
2	100	12.338	12.337	0.001	1416291	0.007099			
						RPD = 1.69			
16 Endosulfan sulfate									
1	100	10.805	10.805	0.000	5881675	0.005995			
2	100	11.791	11.791	0.000	2879991	0.006512			
						RPD = 8.27			
19 Endrin ketone									
1	100	11.207	11.206	0.001	6963252	0.006083			
2	100	12.540	12.539	0.001	3292396	0.006565			
						RPD = 7.61			

Report Date: 17-Apr-2013 10:52:46 Chrom Revision: 2.0 01-Apr-2013 21:16:10
Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041651.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 10 DCB Decachlorobiphenyl									
1	100	12.829	12.827	0.002	6082752	0.006335			
2	100	14.256	14.254	0.002	3119788	0.006490			
						RPD = 2.42			

QC Flag Legend

Processing Flags
1 - Missing Peaks

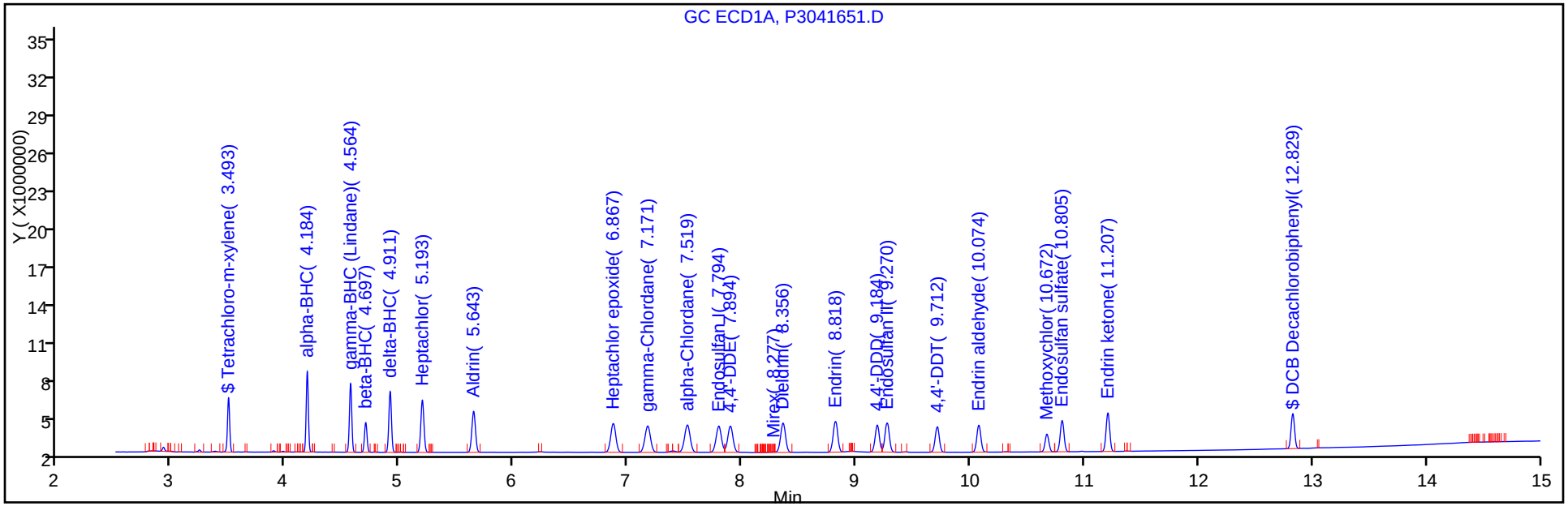
Report Date: 17-Apr-2013 10:52:46 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

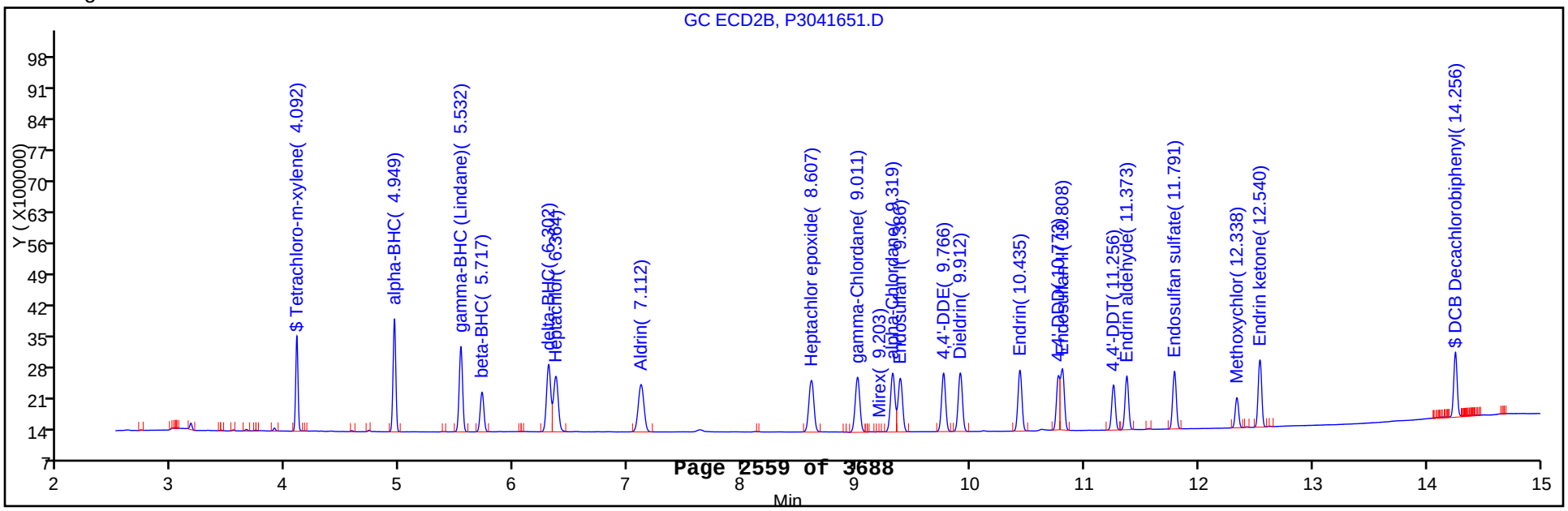
Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041651.D

Injection Date:	17-Apr-2013 05:05:11	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82129	Lims Sample ID:	51
Operator ID:	402582	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
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22804-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-82685/6

Matrix: Solid | Lab File ID: P3041906.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/19/2013 12:05

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.: 82685 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.00539		0.0050	0.0010	0.00096
72-55-9	4,4'-DDE	0.00528		0.0050	0.0010	0.00097
50-29-3	4,4'-DDT	0.00649		0.0050	0.0030	0.0016
309-00-2	Aldrin	0.00525		0.0050	0.0010	0.00082
319-84-6	alpha-BHC	0.00515		0.0050	0.0010	0.00070
5103-71-9	alpha-Chlordane	0.00559		0.0050	0.0010	0.0014
319-85-7	beta-BHC	0.00590		0.0050	0.0010	0.00084
319-86-8	delta-BHC	0.00527		0.0050	0.0010	0.00087
60-57-1	Dieldrin	0.00536		0.0050	0.0010	0.00075
959-98-8	Endosulfan I	0.00588		0.0050	0.0010	0.0013
33213-65-9	Endosulfan II	0.00571		0.0050	0.0010	0.0012
1031-07-8	Endosulfan sulfate	0.00597		0.0050	0.0010	0.0011
72-20-8	Endrin	0.00563		0.0050	0.0010	0.0011
7421-93-4	Endrin aldehyde	0.00611		0.0050	0.0010	0.0011
53494-70-5	Endrin ketone	0.00605		0.0050	0.0010	0.00078
58-89-9	gamma-BHC (Lindane)	0.00534		0.0050	0.0010	0.00064
5103-74-2	gamma-Chlordane	0.00558		0.0050	0.0010	0.0012
76-44-8	Heptachlor	0.00612		0.0050	0.0010	0.00080
1024-57-3	Heptachlor epoxide	0.00578		0.0050	0.0010	0.00071
72-43-5	Methoxychlor	0.00772	J ^	0.010	0.0030	0.0032

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	124		50-150
877-09-8	Tetrachloro-m-xylene	103		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041906.D
Lims ID: MRL Client ID:
Inject. Date: 19-Apr-2013 12:05:50 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0019054-006
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 82685 Lims Sample ID: 6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130419-19054.b\PEST3.m
Last Update: 20-Apr-2013 07:39:31 Calib Date: 16-Apr-2013 14:58:16
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK028

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.490	3.490	0.000	5660169	0.005145			
2	100	4.093	4.092	0.001	2901912	0.004805			
						RPD = 6.84			
12 Diallate									1
1	100		3.751						
1	2		4.058						
2	100		4.331						
2	2		4.667						
24 Hexachlorobenzene									
1	100		3.963						
2	100		4.709						
5 alpha-BHC									
1	100	4.182	4.181	0.001	8354640	0.005145			
2	100	4.948	4.949	-0.001	4118324	0.005349			
						RPD = 3.88			
20 gamma-BHC (Lindane)									
1	100	4.562	4.561	0.001	7768479	0.005338			
2	100	5.532	5.533	-0.001	3888190	0.005743			
						RPD = 7.30			
7 beta-BHC									
1	100	4.695	4.695	0.000	3651597	0.005904			
2	100	5.719	5.719	0.000	1934184	0.006541			
						RPD = 10.23			
11 delta-BHC									
1	100	4.910	4.910	0.000	7803060	0.005272			
2	100	6.303	6.304	-0.001	3970697	0.005708			
						RPD = 7.95			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									1
1	100		5.071						
1	2		5.936						
1	3		7.176						
1	4		7.524						
2	100		6.031						
2	2		7.601						
2	3		8.985						
2	4		9.294						
22 Heptachlor									
1	100	5.195	5.194	0.001	7878470	0.006117			
2	100	6.365	6.366	-0.001	3731787	0.006401			
						RPD = 4.55			
4 Aldrin									
1	100	5.645	5.644	0.001	7137164	0.005248			
2	100	7.114	7.115	-0.001	3663446	0.005500			
						RPD = 4.69			
25 Isodrin									
1	100		6.228						
2	100		8.129						
23 Heptachlor epoxide									
1	100	6.873	6.870	0.003	7114713	0.005784			
2	100	8.608	8.607	0.001	3519463	0.006054			
						RPD = 4.56			
21 gamma-Chlordane									
1	100	7.173	7.172	0.001	7049094	0.005579			
2	100	9.012	9.012	0.000	3478002	0.005929			
						RPD = 6.08			
6 alpha-Chlordane									
1	100	7.523	7.520	0.003	7204124	0.005586			
2	100	9.320	9.322	-0.002	3537479	0.005796			
						RPD = 3.69			
14 Endosulfan I									
1	100	7.796	7.795	0.001	6775982	0.005879			
2	100	9.387	9.388	-0.001	3246888	0.006111			
						RPD = 3.87			
2 4,4'-DDE									
1	100	7.896	7.897	-0.001	6691400	0.005283			
2	100	9.767	9.766	0.001	3180547	0.005215			
						RPD = 1.30			
28 Mirex									1
1	100		8.279						
2	100		9.197						
13 Dieldrin									
1	100	8.359	8.357	0.002	6796684	0.005358			
2	100	9.913	9.914	-0.001	3340082	0.005619			
						RPD = 4.76			
17 Endrin									
1	100	8.816	8.816	0.000	6700483	0.005635			
2	100	10.435	10.435	0.000	3249440	0.006065			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									1
1	100		8.885						
2	100		10.592						
1 4,4'-DDD									
1	100	9.181	9.182	-0.001	5232701	0.005393			
2	100	10.776	10.775	0.001	2390862	0.005592			
						RPD = 3.63			
15 Endosulfan II									
1	100	9.269	9.268	0.001	6247036	0.005707			
2	100	10.808	10.807	0.001	3189342	0.006570			
						RPD = 14.05			
9 Chlorobenzilate									1
1	100		9.275						
2	100		10.585						
3 4,4'-DDT									
1	100	9.709	9.706	0.003	5987496	0.006493			
2	100	11.255	11.256	-0.001	2638187	0.006670			
						RPD = 2.69			
18 Endrin aldehyde									
1	100	10.073	10.070	0.003	5383114	0.006112			
2	100	11.372	11.374	-0.002	2632359	0.006663			
						RPD = 8.62			
30 Toxaphene									1
1	1		10.259						
1	2		10.607						
1	3		10.756						
1	4		11.175						
1	5		11.442						
2	100		10.333						
2	2		10.932						
2	3		11.354						
2	4		12.094						
2	5		12.655						
27 Methoxychlor									
1	100	10.670	10.667	0.003	3563183	0.007722			
2	100	12.336	12.336	0.000	1573091	0.007884			
						RPD = 2.08			
16 Endosulfan sulfate									
1	100	10.803	10.800	0.003	5860034	0.005973			
2	100	11.790	11.791	-0.001	2901498	0.006561			
						RPD = 9.38			
19 Endrin ketone									
1	100	11.204	11.201	0.003	6922278	0.006048			
2	100	12.539	12.539	0.000	3334238	0.006648			
						RPD = 9.46			
$ 10 DCB Decachlorobiphenyl									
1	100	12.825	12.824	0.001	5976147	0.006224			
2	100	14.253	14.253	0.000	3155810	0.006565			
						RPD = 5.34			

QC Flag Legend

Processing Flags
1 - Missing Peaks

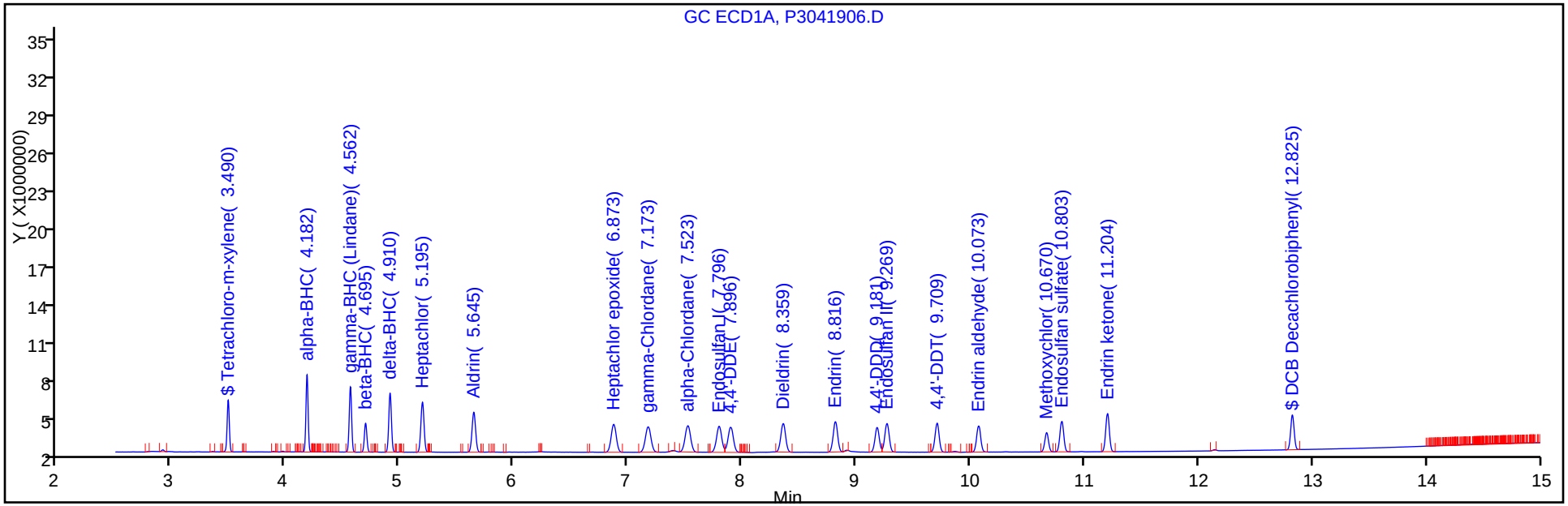
Report Date: 20-Apr-2013 07:39:32 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

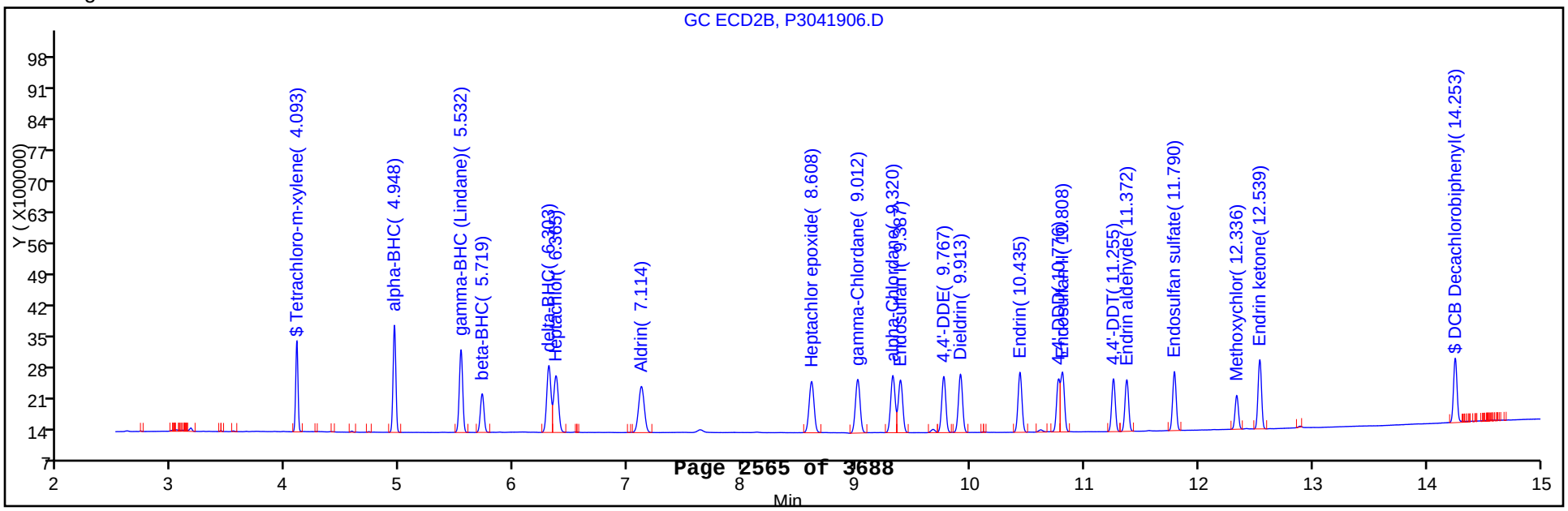
Data File: \\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041906.D

Injection Date:	19-Apr-2013 12:05:50	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82685	Lims Sample ID:	6
Operator ID:	402582	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
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22804-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-82685/6

Matrix: Solid | Lab File ID: P3041906.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/19/2013 12:05

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.: 82685 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	*4,4'-DDD*	*0.00559*		*0.0050*	0.0010	*0.00096*
72-55-9	*4,4'-DDE*	*0.00522*		*0.0050*	0.0010	*0.00097*
50-29-3	*4,4'-DDT*	*0.00667*	^	*0.0050*	0.0030	*0.0016*
309-00-2	*Aldrin*	*0.00550*		*0.0050*	0.0010	*0.00082*
319-84-6	*alpha-BHC*	*0.00535*		*0.0050*	0.0010	*0.00070*
5103-71-9	*alpha-Chlordane*	*0.00580*		*0.0050*	0.0010	*0.0014*
319-85-7	*beta-BHC*	*0.00654*	^	*0.0050*	0.0010	*0.00084*
319-86-8	*delta-BHC*	*0.00571*		*0.0050*	0.0010	*0.00087*
60-57-1	*Dieldrin*	*0.00562*		*0.0050*	0.0010	*0.00075*
959-98-8	*Endosulfan I*	*0.00611*		*0.0050*	0.0010	*0.0013*
33213-65-9	*Endosulfan II*	*0.00657*	^	*0.0050*	0.0010	*0.0012*
1031-07-8	*Endosulfan sulfate*	*0.00656*	^	*0.0050*	0.0010	*0.0011*
72-20-8	*Endrin*	*0.00606*		*0.0050*	0.0010	*0.0011*
7421-93-4	*Endrin aldehyde*	*0.00666*	^	*0.0050*	0.0010	*0.0011*
53494-70-5	*Endrin ketone*	*0.00665*	^	*0.0050*	0.0010	*0.00078*
58-89-9	*gamma-BHC (Lindane)*	*0.00574*		*0.0050*	0.0010	*0.00064*
5103-74-2	*gamma-Chlordane*	*0.00593*		*0.0050*	0.0010	*0.0012*
76-44-8	*Heptachlor*	*0.00640*		*0.0050*	0.0010	*0.00080*
1024-57-3	*Heptachlor epoxide*	*0.00605*		*0.0050*	0.0010	*0.00071*
72-43-5	*Methoxychlor*	*0.00788*	*J ^*	*0.010*	0.0030	*0.0032*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	131	*Q*	50-150
877-09-8	Tetrachloro-m-xylene	96		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041906.D
Lims ID: MRL Client ID:
Inject. Date: 19-Apr-2013 12:05:50 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0019054-006
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 82685 Lims Sample ID: 6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130419-19054.b\PEST3.m
Last Update: 20-Apr-2013 07:39:31 Calib Date: 16-Apr-2013 14:58:16
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK028

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.490	3.490	0.000	5660169	0.005145			
2	100	4.093	4.092	0.001	2901912	0.004805			
						RPD = 6.84			
12 Diallate									1
1	100		3.751						
1	2		4.058						
2	100		4.331						
2	2		4.667						
24 Hexachlorobenzene									
1	100		3.963						
2	100		4.709						
5 alpha-BHC									
1	100	4.182	4.181	0.001	8354640	0.005145			
2	100	4.948	4.949	-0.001	4118324	0.005349			
						RPD = 3.88			
20 gamma-BHC (Lindane)									
1	100	4.562	4.561	0.001	7768479	0.005338			
2	100	5.532	5.533	-0.001	3888190	0.005743			
						RPD = 7.30			
7 beta-BHC									
1	100	4.695	4.695	0.000	3651597	0.005904			
2	100	5.719	5.719	0.000	1934184	0.006541			
						RPD = 10.23			
11 delta-BHC									
1	100	4.910	4.910	0.000	7803060	0.005272			
2	100	6.303	6.304	-0.001	3970697	0.005708			
						RPD = 7.95			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									1
1	100		5.071						
1	2		5.936						
1	3		7.176						
1	4		7.524						
2	100		6.031						
2	2		7.601						
2	3		8.985						
2	4		9.294						
22 Heptachlor									
1	100	5.195	5.194	0.001	7878470	0.006117			
2	100	6.365	6.366	-0.001	3731787	0.006401			
						RPD = 4.55			
4 Aldrin									
1	100	5.645	5.644	0.001	7137164	0.005248			
2	100	7.114	7.115	-0.001	3663446	0.005500			
						RPD = 4.69			
25 Isodrin									
1	100		6.228						
2	100		8.129						
23 Heptachlor epoxide									
1	100	6.873	6.870	0.003	7114713	0.005784			
2	100	8.608	8.607	0.001	3519463	0.006054			
						RPD = 4.56			
21 gamma-Chlordane									
1	100	7.173	7.172	0.001	7049094	0.005579			
2	100	9.012	9.012	0.000	3478002	0.005929			
						RPD = 6.08			
6 alpha-Chlordane									
1	100	7.523	7.520	0.003	7204124	0.005586			
2	100	9.320	9.322	-0.002	3537479	0.005796			
						RPD = 3.69			
14 Endosulfan I									
1	100	7.796	7.795	0.001	6775982	0.005879			
2	100	9.387	9.388	-0.001	3246888	0.006111			
						RPD = 3.87			
2 4,4'-DDE									
1	100	7.896	7.897	-0.001	6691400	0.005283			
2	100	9.767	9.766	0.001	3180547	0.005215			
						RPD = 1.30			
28 Mirex									1
1	100		8.279						
2	100		9.197						
13 Dieldrin									
1	100	8.359	8.357	0.002	6796684	0.005358			
2	100	9.913	9.914	-0.001	3340082	0.005619			
						RPD = 4.76			
17 Endrin									
1	100	8.816	8.816	0.000	6700483	0.005635			
2	100	10.435	10.435	0.000	3249440	0.006065			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									1
1	100		8.885						
2	100		10.592						
1 4,4'-DDD									
1	100	9.181	9.182	-0.001	5232701	0.005393			
2	100	10.776	10.775	0.001	2390862	0.005592			
						RPD = 3.63			
15 Endosulfan II									
1	100	9.269	9.268	0.001	6247036	0.005707			
2	100	10.808	10.807	0.001	3189342	0.006570			
						RPD = 14.05			
9 Chlorobenzilate									1
1	100		9.275						
2	100		10.585						
3 4,4'-DDT									
1	100	9.709	9.706	0.003	5987496	0.006493			
2	100	11.255	11.256	-0.001	2638187	0.006670			
						RPD = 2.69			
18 Endrin aldehyde									
1	100	10.073	10.070	0.003	5383114	0.006112			
2	100	11.372	11.374	-0.002	2632359	0.006663			
						RPD = 8.62			
30 Toxaphene									1
1	1		10.259						
1	2		10.607						
1	3		10.756						
1	4		11.175						
1	5		11.442						
2	100		10.333						
2	2		10.932						
2	3		11.354						
2	4		12.094						
2	5		12.655						
27 Methoxychlor									
1	100	10.670	10.667	0.003	3563183	0.007722			
2	100	12.336	12.336	0.000	1573091	0.007884			
						RPD = 2.08			
16 Endosulfan sulfate									
1	100	10.803	10.800	0.003	5860034	0.005973			
2	100	11.790	11.791	-0.001	2901498	0.006561			
						RPD = 9.38			
19 Endrin ketone									
1	100	11.204	11.201	0.003	6922278	0.006048			
2	100	12.539	12.539	0.000	3334238	0.006648			
						RPD = 9.46			
$ 10 DCB Decachlorobiphenyl									
1	100	12.825	12.824	0.001	5976147	0.006224			
2	100	14.253	14.253	0.000	3155810	0.006565			
						RPD = 5.34			

QC Flag Legend

Processing Flags
1 - Missing Peaks

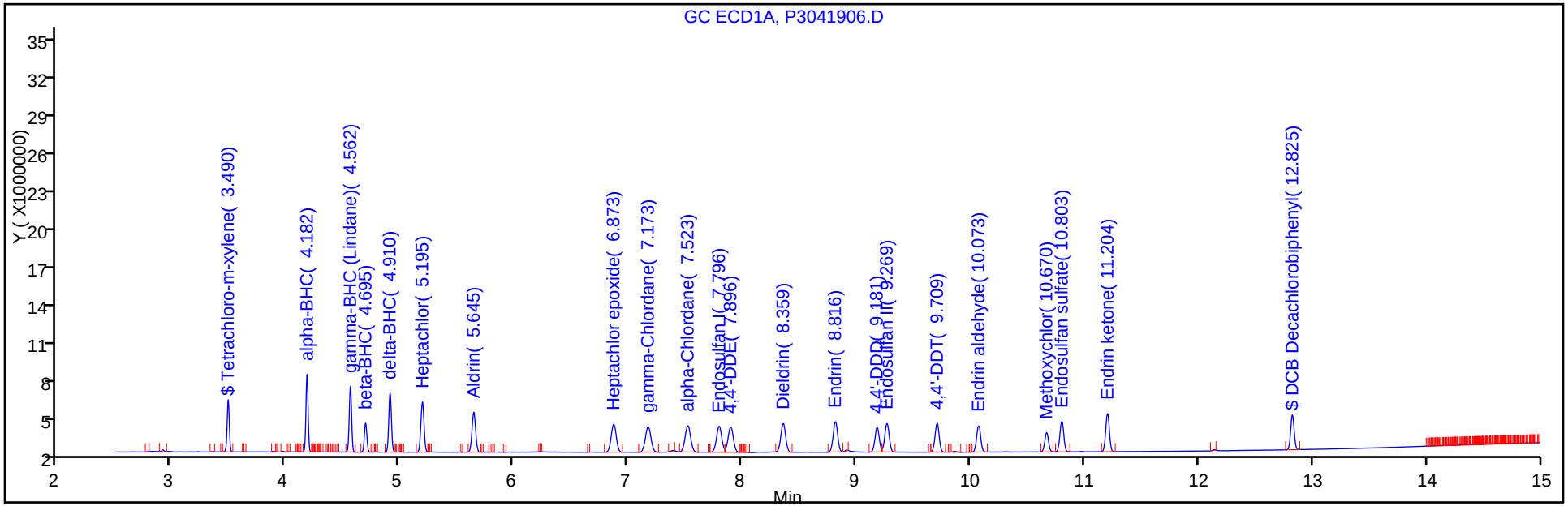
Report Date: 20-Apr-2013 07:39:32 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

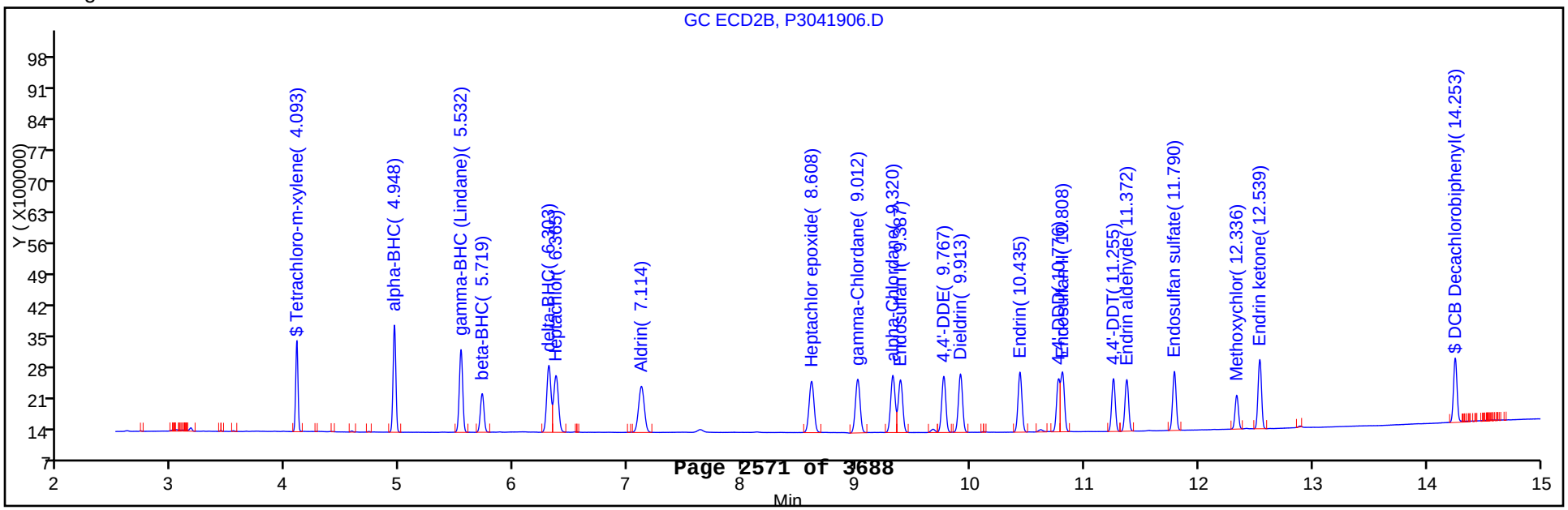
Data File: \\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041906.D

Injection Date:	19-Apr-2013 12:05:50	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82685	Lims Sample ID:	6
Operator ID:	402582	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
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22804-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-82685/41

Matrix: Solid | Lab File ID: P3041920.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/19/2013 17:18

Con. Extract Vol.: 1.0(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.: 82685 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.00619		0.0050	0.0010	0.00096
72-55-9	4,4'-DDE	0.00512		0.0050	0.0010	0.00097
50-29-3	4,4'-DDT	0.00409	J	0.0050	0.0030	0.0016
309-00-2	Aldrin	0.00518		0.0050	0.0010	0.00082
319-84-6	alpha-BHC	0.00494	J	0.0050	0.0010	0.00070
5103-71-9	alpha-Chlordane	0.00564		0.0050	0.0010	0.0014
319-85-7	beta-BHC	0.00580		0.0050	0.0010	0.00084
319-86-8	delta-BHC	0.00513		0.0050	0.0010	0.00087
60-57-1	Dieldrin	0.00533		0.0050	0.0010	0.00075
959-98-8	Endosulfan I	0.00575		0.0050	0.0010	0.0013
33213-65-9	Endosulfan II	0.00569		0.0050	0.0010	0.0012
1031-07-8	Endosulfan sulfate	0.00579		0.0050	0.0010	0.0011
72-20-8	Endrin	0.00565		0.0050	0.0010	0.0011
7421-93-4	Endrin aldehyde	0.00582		0.0050	0.0010	0.0011
53494-70-5	Endrin ketone	0.00541		0.0050	0.0010	0.00078
58-89-9	gamma-BHC (Lindane)	0.00514		0.0050	0.0010	0.00064
5103-74-2	gamma-Chlordane	0.00552		0.0050	0.0010	0.0012
76-44-8	Heptachlor	0.00577		0.0050	0.0010	0.00080
1024-57-3	Heptachlor epoxide	0.00566		0.0050	0.0010	0.00071
72-43-5	Methoxychlor	0.00543	J	0.010	0.0030	0.0032

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	120		50-150
877-09-8	Tetrachloro-m-xylene	102		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041920.D
Lims ID: MRL Client ID:
Inject. Date: 19-Apr-2013 17:18:24 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0019054-006
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 41
Lims Batch ID: 82685 Lims Sample ID: 41
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130419-19054.b\PEST3.m
Last Update: 27-Apr-2013 09:51:36 Calib Date: 16-Apr-2013 14:58:16
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK012

First Level Reviewer: vandorenc Date: 27-Apr-2013 09:51:36

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.482	3.481	0.001	5597334	0.005088			
2	100	4.075	4.076	-0.001	2867401	0.004748			
						RPD = 6.92			
12 Diallate									
1	100		3.751						
1	2		4.058						
2	100		4.331						
2	2		4.667						
24 Hexachlorobenzene									
1	100		3.954						
2	100		4.688						
5 alpha-BHC									
1	100	4.173	4.172	0.001	8026615	0.004943			
2	100	4.926	4.926	0.000	4011488	0.005210			
						RPD = 5.26			
20 gamma-BHC (Lindane)									
1	100	4.554	4.552	0.002	7486530	0.005145			
2	100	5.506	5.506	0.000	3751550	0.005541			
						RPD = 7.42			
7 beta-BHC									
1	100	4.687	4.686	0.001	3585184	0.005797			
2	100	5.690	5.691	-0.001	1897242	0.006416			
						RPD = 10.14			
11 delta-BHC									
1	100	4.903	4.902	0.001	7586074	0.005125			
2	100	6.273	6.271	0.002	3847259	0.005531			
						RPD = 7.61			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100		5.071						
1	2		5.936						
1	3		7.176						
1	4		7.524						
2	100		6.031						
2	2		7.601						
2	3		8.985						
2	4		9.294						
22 Heptachlor									
1	100	5.187	5.187	0.000	7428657	0.005767			
2	100	6.335	6.335	0.000	3533722	0.006062			
						RPD = 4.98			
4 Aldrin									
1	100	5.640	5.641	-0.001	7042430	0.005178			
2	100	7.080	7.080	0.000	3615699	0.005428			
						RPD = 4.71			
25 Isodrin									
1	100		6.227						
2	100		8.099						
23 Heptachlor epoxide									
1	100	6.875	6.876	-0.001	6967330	0.005665			
2	100	8.580	8.580	0.000	3428781	0.005898			
						RPD = 4.04			
21 gamma-Chlordane									
1	100	7.181	7.181	0.000	6975473	0.005521			
2	100	8.985	8.986	-0.001	3392669	0.005784			
						RPD = 4.65			
6 alpha-Chlordane									
1	100	7.531	7.531	0.000	7270786	0.005638			
2	100	9.295	9.296	-0.001	3479364	0.005701			
						RPD = 1.12			
14 Endosulfan I									
1	100	7.805	7.804	0.001	6623802	0.005747			
2	100	9.363	9.362	0.001	3170172	0.005967			
						RPD = 3.75			
2 4,4'-DDE									
1	100	7.908	7.906	0.002	6487242	0.005122			
2	100	9.742	9.742	0.000	3099774	0.005083			
						RPD = 0.77			
28 Mirex									
1	100		8.279						
2	100		9.197						
13 Dieldrin									
1	100	8.368	8.364	0.004	6760577	0.005330			
2	100	9.890	9.889	0.001	3255311	0.005477			
						RPD = 2.72			
17 Endrin									
1	100	8.823	8.821	0.002	6713264	0.005645			
2	100	10.412	10.412	0.000	3142521	0.005865			
						RPD = 3.86			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									
1	100		8.890						
2	100		10.569						
1 4,4'-DDD									
1	100	9.189	9.186	0.003	6006639	0.006190			
2	100	10.749	10.751	-0.002	2756985	0.006448			
						RPD = 4.08			
15 Endosulfan II									
1	100	9.273	9.273	0.000	6232709	0.005694			
2	100	10.783	10.784	-0.001	3095445	0.006376			
						RPD = 11.30			
9 Chlorobenzilate									
1	100		9.275						
2	100		10.585						
3 4,4'-DDT									
1	100	9.710	9.711	-0.001	3771548	0.004090			
2	100	11.231	11.232	-0.001	1675750	0.004237			
						RPD = 3.53			
18 Endrin aldehyde									
1	100	10.073	10.075	-0.002	5128214	0.005823			
2	100	11.347	11.350	-0.003	2513177	0.006361			
						RPD = 8.84			
30 Toxaphene									
1	1		10.263						
1	2		10.612						
1	3		10.761						
1	4		11.182						
1	5		11.457						
2	100		10.335						
2	2		10.928						
2	3		11.349						
2	4		12.090						
2	5		12.649						
27 Methoxychlor									
1	100	10.676	10.672	0.004	2504054	0.005427			
2	100	12.311	12.314	-0.003	1093044	0.005478			
						RPD = 0.95			
16 Endosulfan sulfate									
1	100	10.811	10.804	0.007	5677160	0.005787			
2	100	11.764	11.766	-0.002	2821322	0.006380			
						RPD = 9.75			
19 Endrin ketone									
1	100	11.213	11.206	0.007	6193274	0.005411			
2	100	12.513	12.516	-0.003	2944488	0.005871			
						RPD = 8.16			
$ 10 DCB Decachlorobiphenyl									
1	100	12.853	12.850	0.003	5770469	0.006009			
2	100	14.227	14.229	-0.002	2995126	0.006231			
						RPD = 3.62			

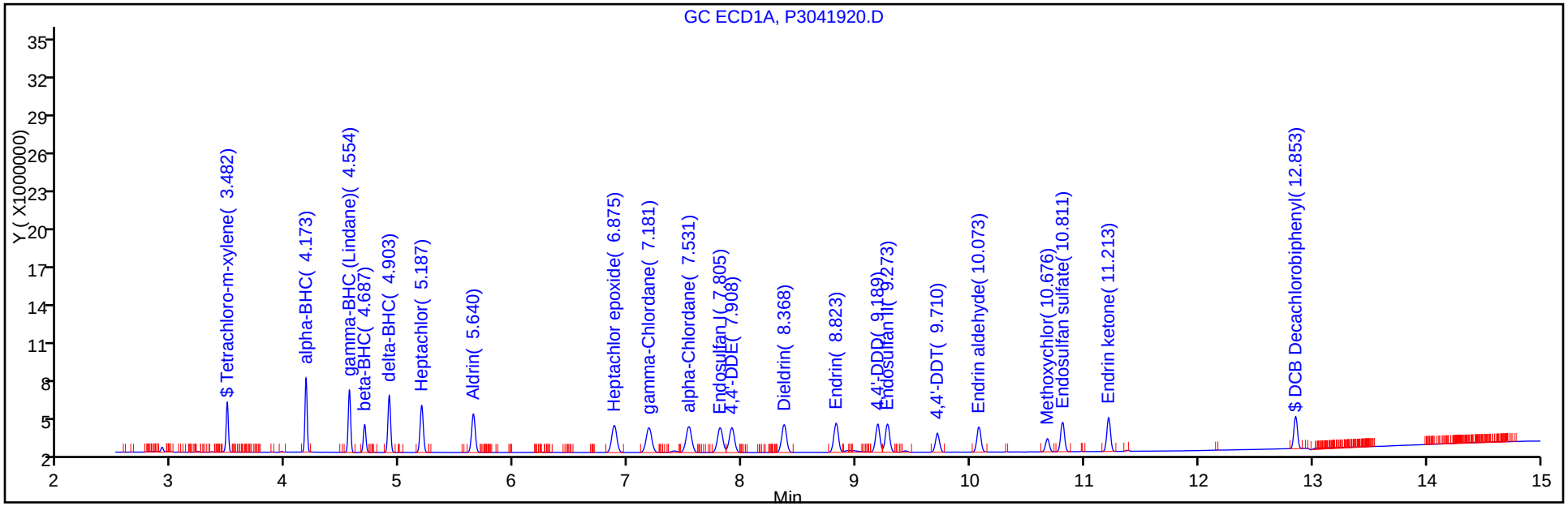
Report Date: 27-Apr-2013 09:51:36 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

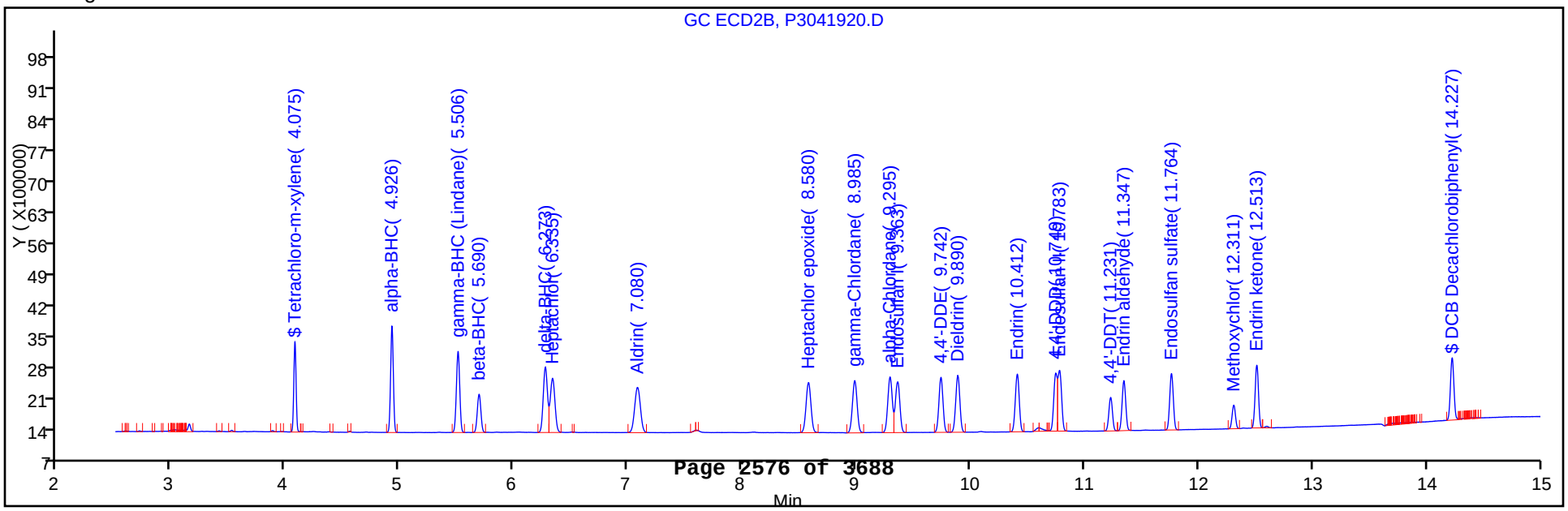
Data File: \\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041920.D

Injection Date:	19-Apr-2013 17:18:24	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82685	Lims Sample ID:	41
Operator ID:	402582	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
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22804-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-82685/41

Matrix: Solid | Lab File ID: P3041920.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/19/2013 17:18

Con. Extract Vol.: 1.0(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.: 82685 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	*4,4'-DDD*	*0.00645*		*0.0050*	0.0010	*0.00096*
72-55-9	*4,4'-DDE*	*0.00508*		*0.0050*	0.0010	*0.00097*
50-29-3	*4,4'-DDT*	*0.00424*	*J*	*0.0050*	0.0030	*0.0016*
309-00-2	*Aldrin*	*0.00543*		*0.0050*	0.0010	*0.00082*
319-84-6	*alpha-BHC*	*0.00521*		*0.0050*	0.0010	*0.00070*
5103-71-9	*alpha-Chlordane*	*0.00570*		*0.0050*	0.0010	*0.0014*
319-85-7	*beta-BHC*	*0.00642*		*0.0050*	0.0010	*0.00084*
319-86-8	*delta-BHC*	*0.00553*		*0.0050*	0.0010	*0.00087*
60-57-1	*Dieldrin*	*0.00548*		*0.0050*	0.0010	*0.00075*
959-98-8	*Endosulfan I*	*0.00597*		*0.0050*	0.0010	*0.0013*
33213-65-9	*Endosulfan II*	*0.00638*		*0.0050*	0.0010	*0.0012*
1031-07-8	*Endosulfan sulfate*	*0.00638*		*0.0050*	0.0010	*0.0011*
72-20-8	*Endrin*	*0.00587*		*0.0050*	0.0010	*0.0011*
7421-93-4	*Endrin aldehyde*	*0.00636*		*0.0050*	0.0010	*0.0011*
53494-70-5	*Endrin ketone*	*0.00587*		*0.0050*	0.0010	*0.00078*
58-89-9	*gamma-BHC (Lindane)*	*0.00554*		*0.0050*	0.0010	*0.00064*
5103-74-2	*gamma-Chlordane*	*0.00578*		*0.0050*	0.0010	*0.0012*
76-44-8	*Heptachlor*	*0.00606*		*0.0050*	0.0010	*0.00080*
1024-57-3	*Heptachlor epoxide*	*0.00590*		*0.0050*	0.0010	*0.00071*
72-43-5	*Methoxychlor*	*0.00548*	*J*	*0.010*	0.0030	*0.0032*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	125		50-150
877-09-8	Tetrachloro-m-xylene	95		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041920.D
Lims ID: MRL Client ID:
Inject. Date: 19-Apr-2013 17:18:24 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0019054-006
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 41
Lims Batch ID: 82685 Lims Sample ID: 41
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130419-19054.b\PEST3.m
Last Update: 27-Apr-2013 09:51:36 Calib Date: 16-Apr-2013 14:58:16
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK012

First Level Reviewer: vandorenc Date: 27-Apr-2013 09:51:36

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.482	3.481	0.001	5597334	0.005088			
2	100	4.075	4.076	-0.001	2867401	0.004748			
						RPD = 6.92			
12 Diallate									
1	100		3.751						
1	2		4.058						
2	100		4.331						
2	2		4.667						
24 Hexachlorobenzene									
1	100		3.954						
2	100		4.688						
5 alpha-BHC									
1	100	4.173	4.172	0.001	8026615	0.004943			
2	100	4.926	4.926	0.000	4011488	0.005210			
						RPD = 5.26			
20 gamma-BHC (Lindane)									
1	100	4.554	4.552	0.002	7486530	0.005145			
2	100	5.506	5.506	0.000	3751550	0.005541			
						RPD = 7.42			
7 beta-BHC									
1	100	4.687	4.686	0.001	3585184	0.005797			
2	100	5.690	5.691	-0.001	1897242	0.006416			
						RPD = 10.14			
11 delta-BHC									
1	100	4.903	4.902	0.001	7586074	0.005125			
2	100	6.273	6.271	0.002	3847259	0.005531			
						RPD = 7.61			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100		5.071						
1	2		5.936						
1	3		7.176						
1	4		7.524						
2	100		6.031						
2	2		7.601						
2	3		8.985						
2	4		9.294						
22 Heptachlor									
1	100	5.187	5.187	0.000	7428657	0.005767			
2	100	6.335	6.335	0.000	3533722	0.006062			
						RPD = 4.98			
4 Aldrin									
1	100	5.640	5.641	-0.001	7042430	0.005178			
2	100	7.080	7.080	0.000	3615699	0.005428			
						RPD = 4.71			
25 Isodrin									
1	100		6.227						
2	100		8.099						
23 Heptachlor epoxide									
1	100	6.875	6.876	-0.001	6967330	0.005665			
2	100	8.580	8.580	0.000	3428781	0.005898			
						RPD = 4.04			
21 gamma-Chlordane									
1	100	7.181	7.181	0.000	6975473	0.005521			
2	100	8.985	8.986	-0.001	3392669	0.005784			
						RPD = 4.65			
6 alpha-Chlordane									
1	100	7.531	7.531	0.000	7270786	0.005638			
2	100	9.295	9.296	-0.001	3479364	0.005701			
						RPD = 1.12			
14 Endosulfan I									
1	100	7.805	7.804	0.001	6623802	0.005747			
2	100	9.363	9.362	0.001	3170172	0.005967			
						RPD = 3.75			
2 4,4'-DDE									
1	100	7.908	7.906	0.002	6487242	0.005122			
2	100	9.742	9.742	0.000	3099774	0.005083			
						RPD = 0.77			
28 Mirex									
1	100		8.279						
2	100		9.197						
13 Dieldrin									
1	100	8.368	8.364	0.004	6760577	0.005330			
2	100	9.890	9.889	0.001	3255311	0.005477			
						RPD = 2.72			
17 Endrin									
1	100	8.823	8.821	0.002	6713264	0.005645			
2	100	10.412	10.412	0.000	3142521	0.005865			
						RPD = 3.86			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									
1	100		8.890						
2	100		10.569						
1 4,4'-DDD									
1	100	9.189	9.186	0.003	6006639	0.006190			
2	100	10.749	10.751	-0.002	2756985	0.006448			
						RPD = 4.08			
15 Endosulfan II									
1	100	9.273	9.273	0.000	6232709	0.005694			
2	100	10.783	10.784	-0.001	3095445	0.006376			
						RPD = 11.30			
9 Chlorobenzilate									
1	100		9.275						
2	100		10.585						
3 4,4'-DDT									
1	100	9.710	9.711	-0.001	3771548	0.004090			
2	100	11.231	11.232	-0.001	1675750	0.004237			
						RPD = 3.53			
18 Endrin aldehyde									
1	100	10.073	10.075	-0.002	5128214	0.005823			
2	100	11.347	11.350	-0.003	2513177	0.006361			
						RPD = 8.84			
30 Toxaphene									
1	1		10.263						
1	2		10.612						
1	3		10.761						
1	4		11.182						
1	5		11.457						
2	100		10.335						
2	2		10.928						
2	3		11.349						
2	4		12.090						
2	5		12.649						
27 Methoxychlor									
1	100	10.676	10.672	0.004	2504054	0.005427			
2	100	12.311	12.314	-0.003	1093044	0.005478			
						RPD = 0.95			
16 Endosulfan sulfate									
1	100	10.811	10.804	0.007	5677160	0.005787			
2	100	11.764	11.766	-0.002	2821322	0.006380			
						RPD = 9.75			
19 Endrin ketone									
1	100	11.213	11.206	0.007	6193274	0.005411			
2	100	12.513	12.516	-0.003	2944488	0.005871			
						RPD = 8.16			
$ 10 DCB Decachlorobiphenyl									
1	100	12.853	12.850	0.003	5770469	0.006009			
2	100	14.227	14.229	-0.002	2995126	0.006231			
						RPD = 3.62			

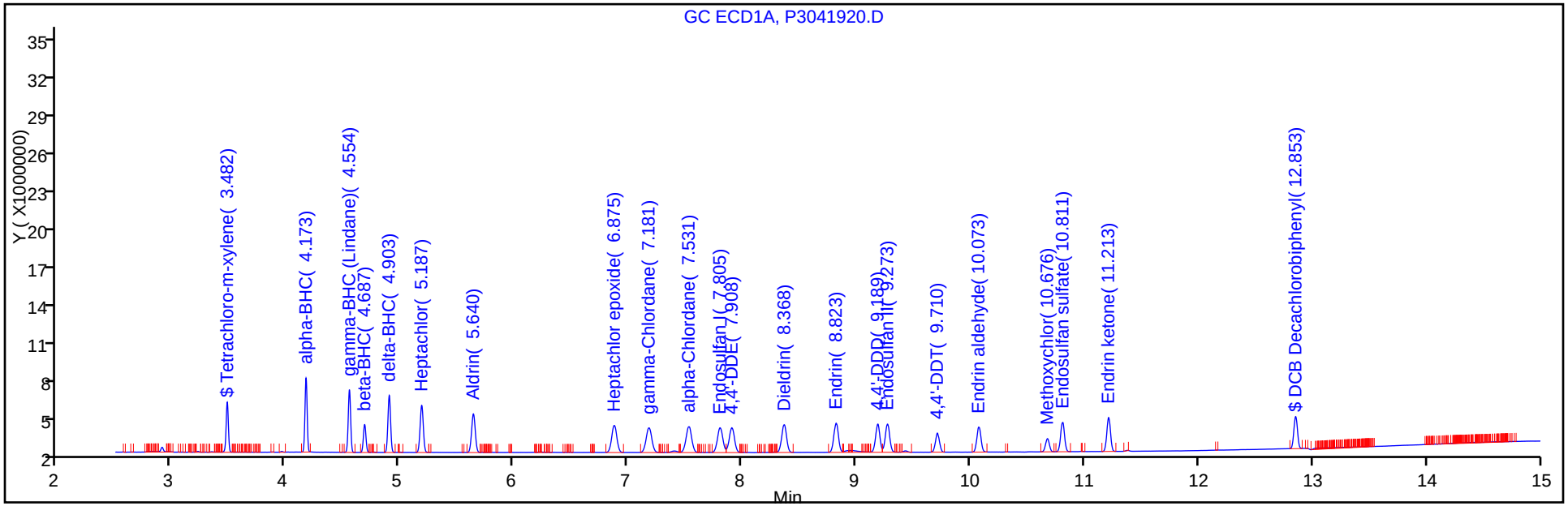
Report Date: 27-Apr-2013 09:51:36 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

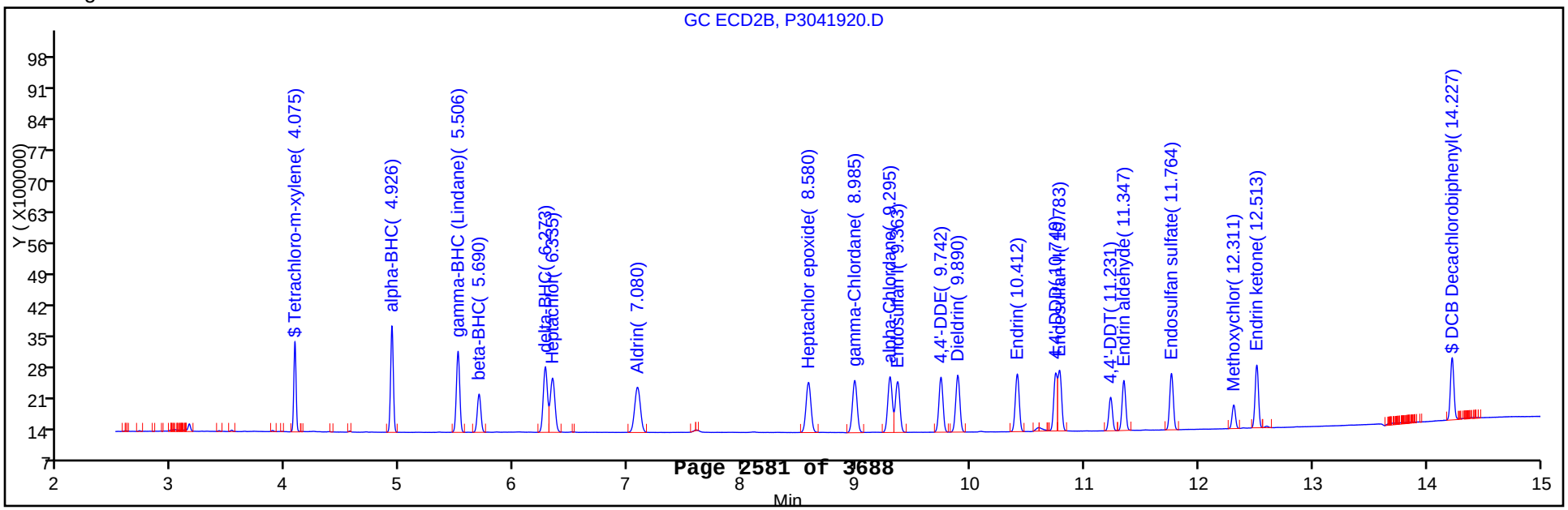
Data File: \\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041920.D

Injection Date:	19-Apr-2013 17:18:24	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82685	Lims Sample ID:	41
Operator ID:	402582	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
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22804-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-83400/26

Matrix: Solid | Lab File ID: P3042426.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/24/2013 18:33

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.: 83400 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.00649		0.0050	0.0010	0.00096
72-55-9	4,4'-DDE	0.00634		0.0050	0.0010	0.00097
50-29-3	4,4'-DDT	0.00556		0.0050	0.0030	0.0016
309-00-2	Aldrin	0.00602		0.0050	0.0010	0.00082
319-84-6	alpha-BHC	0.00555		0.0050	0.0010	0.00070
5103-71-9	alpha-Chlordane	0.00635		0.0050	0.0010	0.0014
319-85-7	beta-BHC	0.00626		0.0050	0.0010	0.00084
319-86-8	delta-BHC	0.00522		0.0050	0.0010	0.00087
60-57-1	Dieldrin	0.00612		0.0050	0.0010	0.00075
959-98-8	Endosulfan I	0.00629		0.0050	0.0010	0.0013
33213-65-9	Endosulfan II	0.00648		0.0050	0.0010	0.0012
1031-07-8	Endosulfan sulfate	0.00607		0.0050	0.0010	0.0011
72-20-8	Endrin	0.00628		0.0050	0.0010	0.0011
7421-93-4	Endrin aldehyde	0.00641		0.0050	0.0010	0.0011
53494-70-5	Endrin ketone	0.00628	M	0.0050	0.0010	0.00078
58-89-9	gamma-BHC (Lindane)	0.00555		0.0050	0.0010	0.00064
5103-74-2	gamma-Chlordane	0.00617		0.0050	0.0010	0.0012
76-44-8	Heptachlor	0.00605		0.0050	0.0010	0.00080
1024-57-3	Heptachlor epoxide	0.00625		0.0050	0.0010	0.00071
72-43-5	Methoxychlor	0.00644	J	0.010	0.0030	0.0032

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	136	Q	50-150
877-09-8	Tetrachloro-m-xylene	123		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042426.D
Lims ID: MRL Client ID:
Inject. Date: 24-Apr-2013 18:33:04 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0019209-005
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 26
Lims Batch ID: 83400 Lims Sample ID: 26
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130424-19209.b\PEST3.m
Last Update: 25-Apr-2013 07:51:26 Calib Date: 23-Apr-2013 17:41:50
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130423-19186.b\P3042315.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: shockr Date: 25-Apr-2013 07:14:08

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.471	3.471	0.000	5416904	0.006139			
2	100	4.064	4.064	0.000	2852968	0.005942			
						RPD = 3.26			
12 Diallate									1
1	100		3.734						
1	2		4.041						
2	100		4.309						
2	2		4.644						
24 Hexachlorobenzene									
1	100		3.944						
2	100		4.681						
5 alpha-BHC									
1	100	4.160	4.159	0.001	7542451	0.005549			
2	100	4.915	4.915	0.000	3827310	0.005359			
						RPD = 3.48			
20 gamma-BHC (Lindane)									
1	100	4.537	4.537	0.000	6709960	0.005552			
2	100	5.493	5.494	-0.001	3449403	0.005503			
						RPD = 0.89			
7 beta-BHC									
1	100	4.670	4.669	0.001	3250125	0.006259			
2	100	5.678	5.679	-0.001	1761109	0.006319			
						RPD = 0.96			
11 delta-BHC									
1	100	4.882	4.882	0.000	6390302	0.005220			
2	100	6.259	6.259	0.000	3426784	0.005279			
						RPD = 1.14			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100	0.0	5.049	-5.049	0	0		100.0	
1	2	5.926	5.898	0.028	52285	0.001098	90.8- 130.8		
1	3	7.120	7.121	-0.001	6160758	0.0471	287.6- 327.6		
1	4	7.468	7.462	0.006	6492790	0.0337	429.9- 469.9		
			Average of Peak Amounts =			0.0273			
2	100	6.036	6.017	0.019	19756	0.000856		100.0	
2	2	7.579	7.584	-0.005	35984	0.001560	81.9- 121.9	182.1	
2	3	8.969	8.968	0.001	3170517	0.0504	250.7- 290.7	16048.4	
2	4	9.279	9.279	0.000	3299839	0.0548	240.1- 280.1	16703.0	
			Average of Peak Amounts =			0.0269			
						RPD = 1.44			
22 Heptachlor									
1	100	5.162	5.163	-0.001	6247941	0.006054			
2	100	6.321	6.322	-0.001	3085728	0.006244			
						RPD = 3.08			
4 Aldrin									
1	100	5.610	5.609	0.001	6549392	0.006019			
2	100	7.065	7.064	0.001	3473257	0.005998			
						RPD = 0.34			
25 Isodrin									
1	100		6.191						
2	100		8.092						
23 Heptachlor epoxide									
1	100	6.822	6.822	0.000	6200607	0.006245			
2	100	8.562	8.565	-0.003	3188415	0.006207			
						RPD = 0.61			
21 gamma-Chlordane									
1	100	7.120	7.121	-0.001	6160758	0.006168			
2	100	8.969	8.970	-0.001	3170517	0.006232			
						RPD = 1.04			
6 alpha-Chlordane									
1	100	7.468	7.470	-0.002	6492790	0.006346			
2	100	9.279	9.280	-0.001	3299839	0.006314			
						RPD = 0.50			
14 Endosulfan I									
1	100	7.747	7.746	0.001	5703822	0.006293			
2	100	9.345	9.346	-0.001	2878213	0.006268			
						RPD = 0.39			
2 4,4'-DDE									
1	100	7.848	7.850	-0.002	6145701	0.006343			
2	100	9.725	9.727	-0.002	3063856	0.006166			
						RPD = 2.83			
28 Mirex									1
1	100		8.279						
2	100		9.197						
13 Dieldrin									
1	100	8.311	8.310	0.001	6113791	0.006124			
2	100	9.872	9.874	-0.002	3054919	0.006104			
						RPD = 0.33			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
17 Endrin									
1	100	8.771	8.771	0.000	5840130	0.006283			
2	100	10.395	10.396	-0.001	2867206	0.006252			
						RPD = 0.50			
26 Kepone									
1	100		8.847						
2	100		10.561						
1 4,4'-DDD									
1	100	9.137	9.139	-0.002	4852011	0.006487			
2	100	10.736	10.736	0.000	2280159	0.006540			
						RPD = 0.81			
15 Endosulfan II									
1	100	9.226	9.225	0.001	5443661	0.006482			
2	100	10.766	10.766	0.000	2853620	0.006676			
						RPD = 2.95			
9 Chlorobenzilate									
1	100		9.243						
2	100		10.562						
3 4,4'-DDT									
1	100	9.666	9.668	-0.002	3907561	0.005557			
2	100	11.216	11.217	-0.001	1848805	0.005969			
						RPD = 7.16			
18 Endrin aldehyde									
1	100	10.031	10.030	0.001	4131211	0.006412			
2	100	11.332	11.333	-0.001	2176873	0.006734			
						RPD = 4.89			
30 Toxaphene									1
1	1		10.218						
1	2		10.565						
1	3		10.717						
1	4		11.134						
1	5		11.404						
2	100		10.320						
2	2		10.915						
2	3		11.336						
2	4		12.077						
2	5		12.638						
27 Methoxychlor									
1	100	10.631	10.630	0.001	2278401	0.006442			
2	100	12.297	12.299	-0.002	1108278	0.007187			
						RPD = 10.93			
16 Endosulfan sulfate									
1	100	10.762	10.763	-0.001	4708793	0.006070			
2	100	11.750	11.752	-0.002	2604969	0.006780			
						RPD = 11.05			
19 Endrin ketone									M
1	100	11.162	11.165	-0.003	5640921	0.006280			M
2	100	12.500	12.501	-0.001	2920508	0.006794			
						RPD = 7.86			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 10 DCB Decachlorobiphenyl									
1	100	12.785	12.787	-0.002	5644570	0.006824			
2	100	14.216	14.217	-0.001	2919864	0.006760			
						RPD = 0.95			

QC Flag Legend

Processing Flags
1 - Missing Peaks

Review Flags
M - Manually Integrated

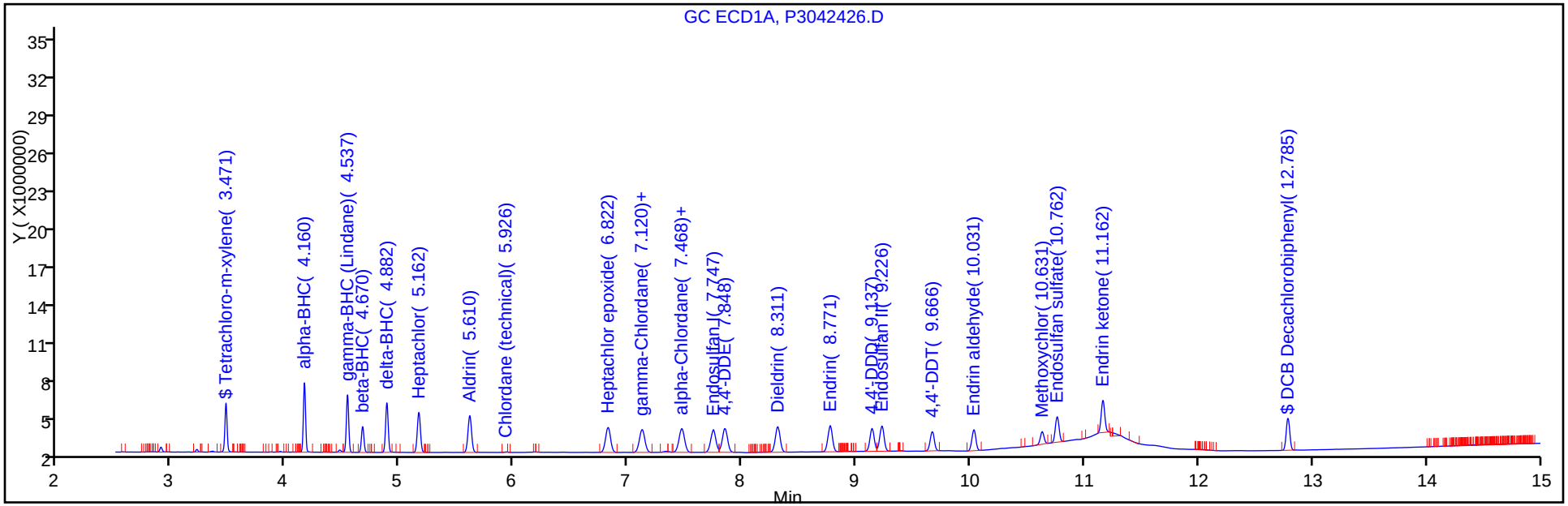
Report Date: 25-Apr-2013 07:51:34 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

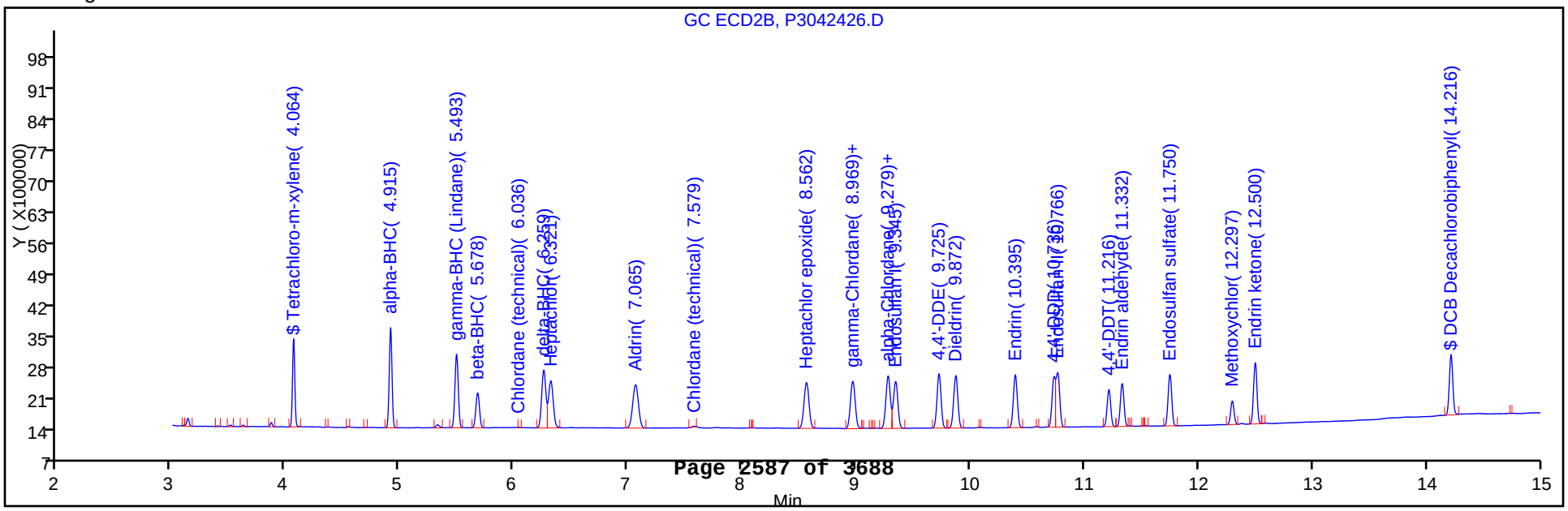
Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042426.D

Injection Date:	24-Apr-2013 18:33:04	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83400	Lims Sample ID:	26
Operator ID:	402582	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



Manual Integration/User Assign Peak Report

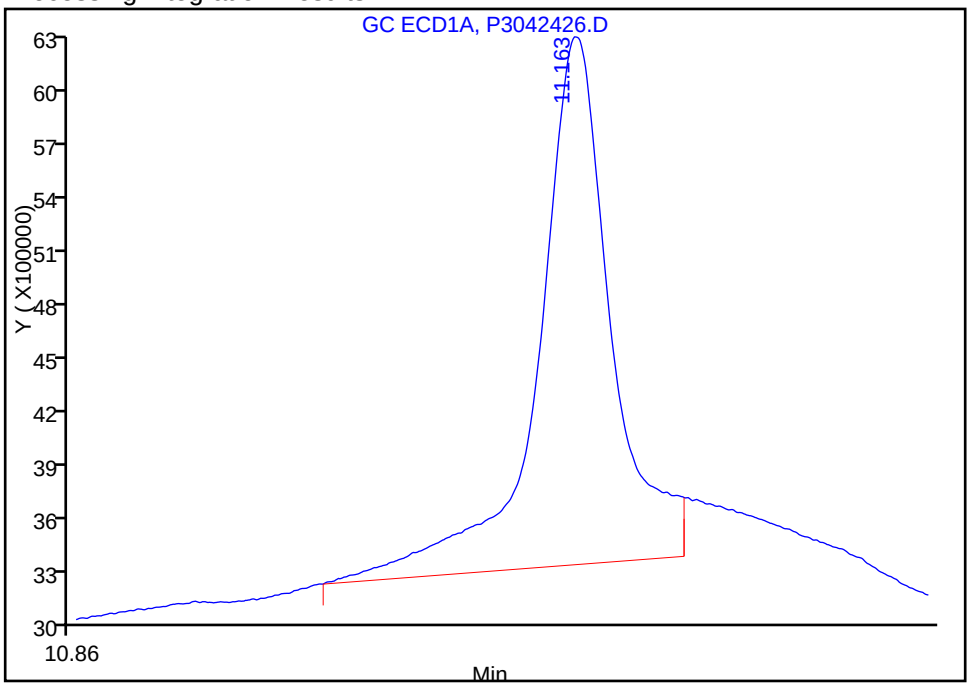
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042426.D		
Injection Date:	24-Apr-2013 18:33:04	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83400	Lims Sample ID:	26
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

19 Endrin ketone, Signal: 1, Type: quant, RT: 11.17, Det: GC ECD1A

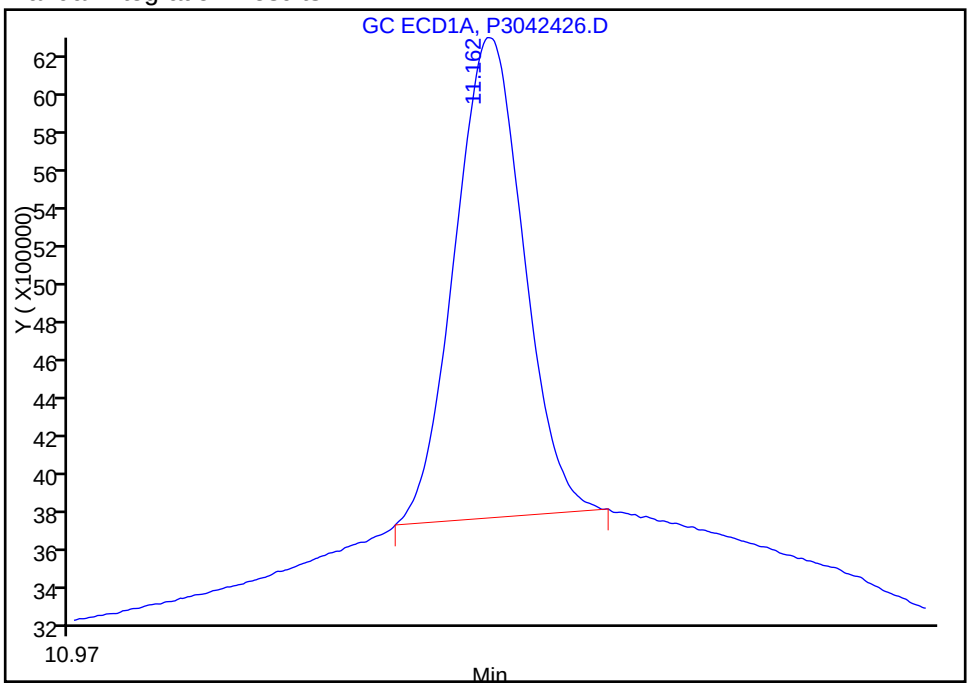
Processing Integration Results

RT: 11.16
Response: 8832017
Amount: 0.009833



Manual Integration Results

RT: 11.16
Response: 5640921
Amount: 0.006280



Reviewer: shockr, 25-Apr-2013 07:14:08
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22804-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-83400/26

Matrix: Solid | Lab File ID: P3042426.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/24/2013 18:33

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.: 83400 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	*4,4'-DDD*	*0.00654*	^	*0.0050*	0.0010	*0.00096*
72-55-9	*4,4'-DDE*	*0.00617*		*0.0050*	0.0010	*0.00097*
50-29-3	*4,4'-DDT*	*0.00597*		*0.0050*	0.0030	*0.0016*
309-00-2	*Aldrin*	*0.00600*		*0.0050*	0.0010	*0.00082*
319-84-6	*alpha-BHC*	*0.00536*		*0.0050*	0.0010	*0.00070*
5103-71-9	*alpha-Chlordane*	*0.00631*		*0.0050*	0.0010	*0.0014*
319-85-7	*beta-BHC*	*0.00632*		*0.0050*	0.0010	*0.00084*
319-86-8	*delta-BHC*	*0.00528*		*0.0050*	0.0010	*0.00087*
60-57-1	*Dieldrin*	*0.00610*		*0.0050*	0.0010	*0.00075*
959-98-8	*Endosulfan I*	*0.00627*		*0.0050*	0.0010	*0.0013*
33213-65-9	*Endosulfan II*	*0.00668*	^	*0.0050*	0.0010	*0.0012*
1031-07-8	*Endosulfan sulfate*	*0.00678*	^	*0.0050*	0.0010	*0.0011*
72-20-8	*Endrin*	*0.00625*		*0.0050*	0.0010	*0.0011*
7421-93-4	*Endrin aldehyde*	*0.00673*	^	*0.0050*	0.0010	*0.0011*
53494-70-5	*Endrin ketone*	*0.00679*	^	*0.0050*	0.0010	*0.00078*
58-89-9	*gamma-BHC (Lindane)*	*0.00550*		*0.0050*	0.0010	*0.00064*
5103-74-2	*gamma-Chlordane*	*0.00623*		*0.0050*	0.0010	*0.0012*
76-44-8	*Heptachlor*	*0.00624*		*0.0050*	0.0010	*0.00080*
1024-57-3	*Heptachlor epoxide*	*0.00621*		*0.0050*	0.0010	*0.00071*
72-43-5	*Methoxychlor*	*0.00719*	*J ^*	*0.010*	0.0030	*0.0032*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	135	*Q*	50-150
877-09-8	Tetrachloro-m-xylene	119		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042426.D
Lims ID: MRL Client ID:
Inject. Date: 24-Apr-2013 18:33:04 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0019209-005
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 26
Lims Batch ID: 83400 Lims Sample ID: 26
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130424-19209.b\PEST3.m
Last Update: 25-Apr-2013 07:51:26 Calib Date: 23-Apr-2013 17:41:50
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130423-19186.b\P3042315.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: shockr Date: 25-Apr-2013 07:14:08

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.471	3.471	0.000	5416904	0.006139			
2	100	4.064	4.064	0.000	2852968	0.005942			
						RPD = 3.26			
12 Diallate									1
1	100		3.734						
1	2		4.041						
2	100		4.309						
2	2		4.644						
24 Hexachlorobenzene									
1	100		3.944						
2	100		4.681						
5 alpha-BHC									
1	100	4.160	4.159	0.001	7542451	0.005549			
2	100	4.915	4.915	0.000	3827310	0.005359			
						RPD = 3.48			
20 gamma-BHC (Lindane)									
1	100	4.537	4.537	0.000	6709960	0.005552			
2	100	5.493	5.494	-0.001	3449403	0.005503			
						RPD = 0.89			
7 beta-BHC									
1	100	4.670	4.669	0.001	3250125	0.006259			
2	100	5.678	5.679	-0.001	1761109	0.006319			
						RPD = 0.96			
11 delta-BHC									
1	100	4.882	4.882	0.000	6390302	0.005220			
2	100	6.259	6.259	0.000	3426784	0.005279			
						RPD = 1.14			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100	0.0	5.049	-5.049	0	0		100.0	
1	2	5.926	5.898	0.028	52285	0.001098	90.8- 130.8		
1	3	7.120	7.121	-0.001	6160758	0.0471	287.6- 327.6		
1	4	7.468	7.462	0.006	6492790	0.0337	429.9- 469.9		
			Average of Peak Amounts =			0.0273			
2	100	6.036	6.017	0.019	19756	0.000856		100.0	
2	2	7.579	7.584	-0.005	35984	0.001560	81.9- 121.9	182.1	
2	3	8.969	8.968	0.001	3170517	0.0504	250.7- 290.7	16048.4	
2	4	9.279	9.279	0.000	3299839	0.0548	240.1- 280.1	16703.0	
			Average of Peak Amounts =			0.0269			
						RPD = 1.44			
22 Heptachlor									
1	100	5.162	5.163	-0.001	6247941	0.006054			
2	100	6.321	6.322	-0.001	3085728	0.006244			
						RPD = 3.08			
4 Aldrin									
1	100	5.610	5.609	0.001	6549392	0.006019			
2	100	7.065	7.064	0.001	3473257	0.005998			
						RPD = 0.34			
25 Isodrin									
1	100		6.191						
2	100		8.092						
23 Heptachlor epoxide									
1	100	6.822	6.822	0.000	6200607	0.006245			
2	100	8.562	8.565	-0.003	3188415	0.006207			
						RPD = 0.61			
21 gamma-Chlordane									
1	100	7.120	7.121	-0.001	6160758	0.006168			
2	100	8.969	8.970	-0.001	3170517	0.006232			
						RPD = 1.04			
6 alpha-Chlordane									
1	100	7.468	7.470	-0.002	6492790	0.006346			
2	100	9.279	9.280	-0.001	3299839	0.006314			
						RPD = 0.50			
14 Endosulfan I									
1	100	7.747	7.746	0.001	5703822	0.006293			
2	100	9.345	9.346	-0.001	2878213	0.006268			
						RPD = 0.39			
2 4,4'-DDE									
1	100	7.848	7.850	-0.002	6145701	0.006343			
2	100	9.725	9.727	-0.002	3063856	0.006166			
						RPD = 2.83			
28 Mirex									1
1	100		8.279						
2	100		9.197						
13 Dieldrin									
1	100	8.311	8.310	0.001	6113791	0.006124			
2	100	9.872	9.874	-0.002	3054919	0.006104			
						RPD = 0.33			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
17 Endrin									
1	100	8.771	8.771	0.000	5840130	0.006283			
2	100	10.395	10.396	-0.001	2867206	0.006252			
						RPD = 0.50			
26 Kepone									
1	100		8.847						
2	100		10.561						
1 4,4'-DDD									
1	100	9.137	9.139	-0.002	4852011	0.006487			
2	100	10.736	10.736	0.000	2280159	0.006540			
						RPD = 0.81			
15 Endosulfan II									
1	100	9.226	9.225	0.001	5443661	0.006482			
2	100	10.766	10.766	0.000	2853620	0.006676			
						RPD = 2.95			
9 Chlorobenzilate									
1	100		9.243						
2	100		10.562						
3 4,4'-DDT									
1	100	9.666	9.668	-0.002	3907561	0.005557			
2	100	11.216	11.217	-0.001	1848805	0.005969			
						RPD = 7.16			
18 Endrin aldehyde									
1	100	10.031	10.030	0.001	4131211	0.006412			
2	100	11.332	11.333	-0.001	2176873	0.006734			
						RPD = 4.89			
30 Toxaphene									1
1	1		10.218						
1	2		10.565						
1	3		10.717						
1	4		11.134						
1	5		11.404						
2	100		10.320						
2	2		10.915						
2	3		11.336						
2	4		12.077						
2	5		12.638						
27 Methoxychlor									
1	100	10.631	10.630	0.001	2278401	0.006442			
2	100	12.297	12.299	-0.002	1108278	0.007187			
						RPD = 10.93			
16 Endosulfan sulfate									
1	100	10.762	10.763	-0.001	4708793	0.006070			
2	100	11.750	11.752	-0.002	2604969	0.006780			
						RPD = 11.05			
19 Endrin ketone									M
1	100	11.162	11.165	-0.003	5640921	0.006280			M
2	100	12.500	12.501	-0.001	2920508	0.006794			
						RPD = 7.86			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 10 DCB Decachlorobiphenyl									
1	100	12.785	12.787	-0.002	5644570	0.006824			
2	100	14.216	14.217	-0.001	2919864	0.006760			
						RPD = 0.95			

QC Flag Legend

Processing Flags
1 - Missing Peaks

Review Flags
M - Manually Integrated

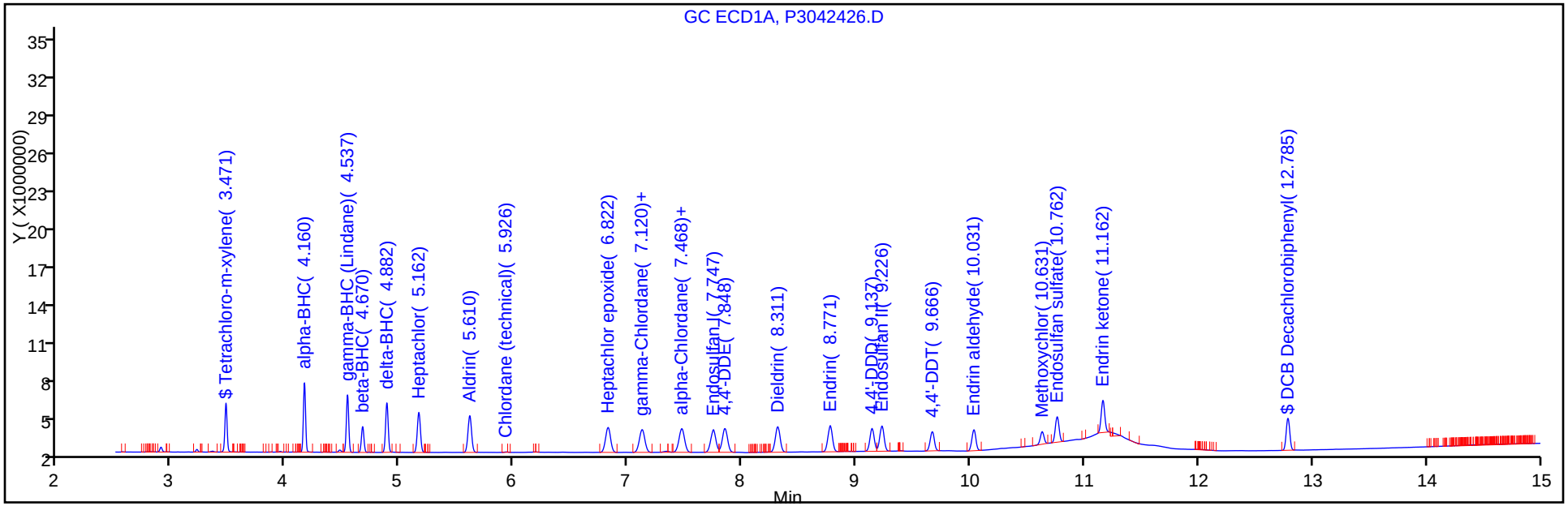
Report Date: 25-Apr-2013 07:51:35 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

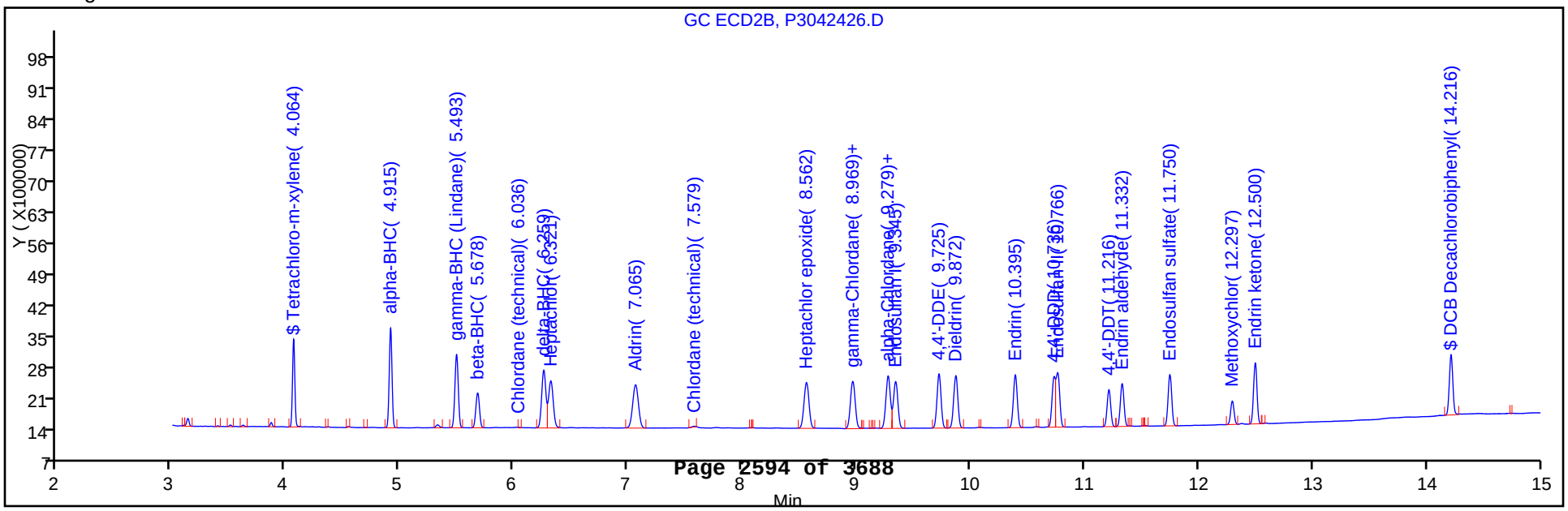
Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042426.D

Injection Date:	24-Apr-2013 18:33:04	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83400	Lims Sample ID:	26
Operator ID:	402582	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
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22804-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-83400/52

Matrix: Solid | Lab File ID: P3042439.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/24/2013 22:55

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.: 83400 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.00694	^	0.0050	0.0010	0.00096
72-55-9	4,4'-DDE	0.00639		0.0050	0.0010	0.00097
50-29-3	4,4'-DDT	0.00329	J ^	0.0050	0.0030	0.0016
309-00-2	Aldrin	0.00606		0.0050	0.0010	0.00082
319-84-6	alpha-BHC	0.00551		0.0050	0.0010	0.00070
5103-71-9	alpha-Chlordane	0.00640		0.0050	0.0010	0.0014
319-85-7	beta-BHC	0.00626		0.0050	0.0010	0.00084
319-86-8	delta-BHC	0.00453	J	0.0050	0.0010	0.00087
60-57-1	Dieldrin	0.00613		0.0050	0.0010	0.00075
959-98-8	Endosulfan I	0.00618		0.0050	0.0010	0.0013
33213-65-9	Endosulfan II	0.00633		0.0050	0.0010	0.0012
1031-07-8	Endosulfan sulfate	0.00617		0.0050	0.0010	0.0011
72-20-8	Endrin	0.00592		0.0050	0.0010	0.0011
7421-93-4	Endrin aldehyde	0.00536		0.0050	0.0010	0.0011
53494-70-5	Endrin ketone	0.00554		0.0050	0.0010	0.00078
58-89-9	gamma-BHC (Lindane)	0.00544		0.0050	0.0010	0.00064
5103-74-2	gamma-Chlordane	0.00634		0.0050	0.0010	0.0012
76-44-8	Heptachlor	0.00536		0.0050	0.0010	0.00080
1024-57-3	Heptachlor epoxide	0.00633		0.0050	0.0010	0.00071
72-43-5	Methoxychlor	0.00459	J	0.010	0.0030	0.0032

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	130		50-150
877-09-8	Tetrachloro-m-xylene	120		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042439.D
Lims ID: MRL Client ID:
Inject. Date: 24-Apr-2013 22:55:08 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0019209-005
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 39
Lims Batch ID: 83400 Lims Sample ID: 52
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130424-19209.b\PEST3.m
Last Update: 25-Apr-2013 07:51:18 Calib Date: 23-Apr-2013 17:41:50
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130423-19186.b\P3042315.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.471	3.471	0.000	5314741	0.006024			
2	100	4.064	4.064	0.000	2835947	0.005907			
						RPD = 1.96			
12 Diallate									
1	100		3.734						
1	2		4.041						
2	100		4.309						
2	2		4.644						
24 Hexachlorobenzene									
1	100		3.944						
2	100		4.681						
5 alpha-BHC									
1	100	4.159	4.159	0.000	7485916	0.005507			
2	100	4.914	4.915	-0.001	3839828	0.005377			
						RPD = 2.40			
20 gamma-BHC (Lindane)									
1	100	4.536	4.537	-0.001	6575419	0.005441			
2	100	5.494	5.494	0.000	3372093	0.005379			
						RPD = 1.13			
7 beta-BHC									
1	100	4.668	4.669	-0.001	3250938	0.006261			
2	100	5.678	5.678	0.000	1788268	0.006417			
						RPD = 2.46			
11 delta-BHC									
1	100	4.881	4.882	-0.001	5551676	0.004535			
2	100	6.259	6.259	0.000	3104090	0.004782			
						RPD = 5.31			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									1
1	100		5.049						
1	2		5.898						
1	3		7.121						
1	4		7.462						
2	100		6.017						
2	2		7.584						
2	3		8.968						
2	4		9.279						
22 Heptachlor									
1	100	5.161	5.162	-0.001	5536367	0.005365			
2	100	6.320	6.319	0.001	2676332	0.005415			
						RPD = 0.94			
4 Aldrin									
1	100	5.608	5.610	-0.002	6590352	0.006057			
2	100	7.063	7.064	-0.001	3536516	0.006108			
						RPD = 0.84			
25 Isodrin									
1	100		6.191						
2	100		8.092						
23 Heptachlor epoxide									
1	100	6.820	6.821	-0.001	6286436	0.006332			
2	100	8.564	8.563	0.001	3217386	0.006264			
						RPD = 1.08			
21 gamma-Chlordane									
1	100	7.121	7.120	0.001	6328534	0.006336			
2	100	8.968	8.969	-0.001	3201443	0.006293			
						RPD = 0.68			
6 alpha-Chlordane									
1	100	7.467	7.469	-0.002	6552977	0.006404			
2	100	9.278	9.278	0.000	3310790	0.006335			
						RPD = 1.09			
14 Endosulfan I									
1	100	7.742	7.745	-0.003	5601147	0.006179			
2	100	9.345	9.346	-0.001	2753001	0.005996			
						RPD = 3.02			
2 4,4'-DDE									
1	100	7.846	7.849	-0.003	6190873	0.006390			
2	100	9.726	9.725	0.001	3043800	0.006126			
						RPD = 4.22			
28 Mirex									1
1	100		8.279						
2	100		9.197						
13 Dieldrin									
1	100	8.307	8.309	-0.002	6119535	0.006130			
2	100	9.872	9.872	0.000	3095670	0.006185			
						RPD = 0.91			
17 Endrin									
1	100	8.769	8.769	0.000	5507267	0.005925			
2	100	10.395	10.395	0.000	2795972	0.006097			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									
1	100		8.847						
2	100		10.561						
1 4,4'-DDD									
1	100	9.135	9.136	-0.001	5192289	0.006942			
2	100	10.733	10.734	-0.001	2511521	0.007203			
						RPD = 3.69			
15 Endosulfan II									
1	100	9.224	9.221	0.003	5311944	0.006325			
2	100	10.766	10.765	0.001	2782491	0.006510			
						RPD = 2.87			
9 Chlorobenzilate									
1	100		9.243						
2	100		10.562						
3 4,4'-DDT									
1	100	9.663	9.665	-0.002	2311534	0.003287			
2	100	11.216	11.216	0.000	1124398	0.003630			
						RPD = 9.92			
18 Endrin aldehyde									
1	100	10.030	10.029	0.001	3455642	0.005364			
2	100	11.333	11.332	0.001	1726499	0.005341			
						RPD = 0.43			
30 Toxaphene									1
1	1		10.218						
1	2		10.565						
1	3		10.717						
1	4		11.134						
1	5		11.404						
2	100		10.320						
2	2		10.915						
2	3		11.336						
2	4		12.077						
2	5		12.638						
27 Methoxychlor									
1	100	10.630	10.630	0.000	1622085	0.004587			
2	100	12.298	12.297	0.001	751346	0.004872			
						RPD = 6.04			
16 Endosulfan sulfate									
1	100	10.760	10.761	-0.001	4782686	0.006165			
2	100	11.751	11.750	0.001	2396977	0.006239			
						RPD = 1.18			
19 Endrin ketone									
1	100	11.162	11.161	0.001	4975948	0.005540			
2	100	12.500	12.499	0.001	2426949	0.005646			
						RPD = 1.90			
$ 10 DCB Decachlorobiphenyl									
1	100	12.785	12.785	0.000	5395483	0.006523			
2	100	14.216	14.216	0.000	2677795	0.006199			
						RPD = 5.09			

QC Flag Legend

Processing Flags
1 - Missing Peaks

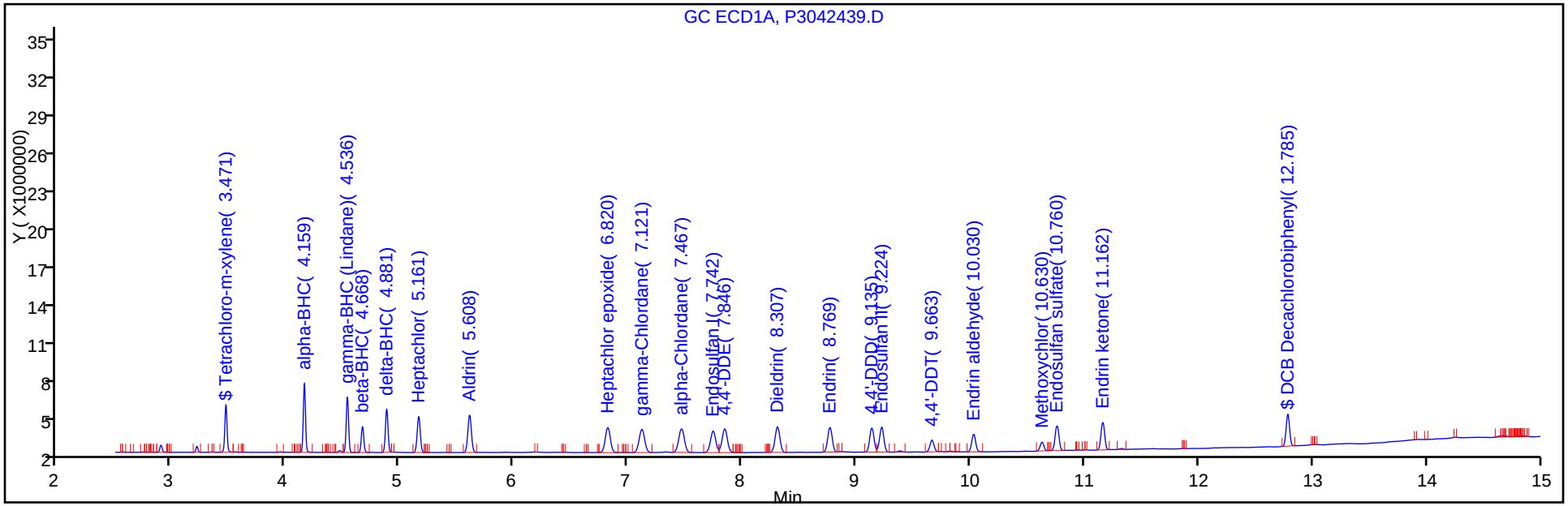
Report Date: 25-Apr-2013 07:51:26 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

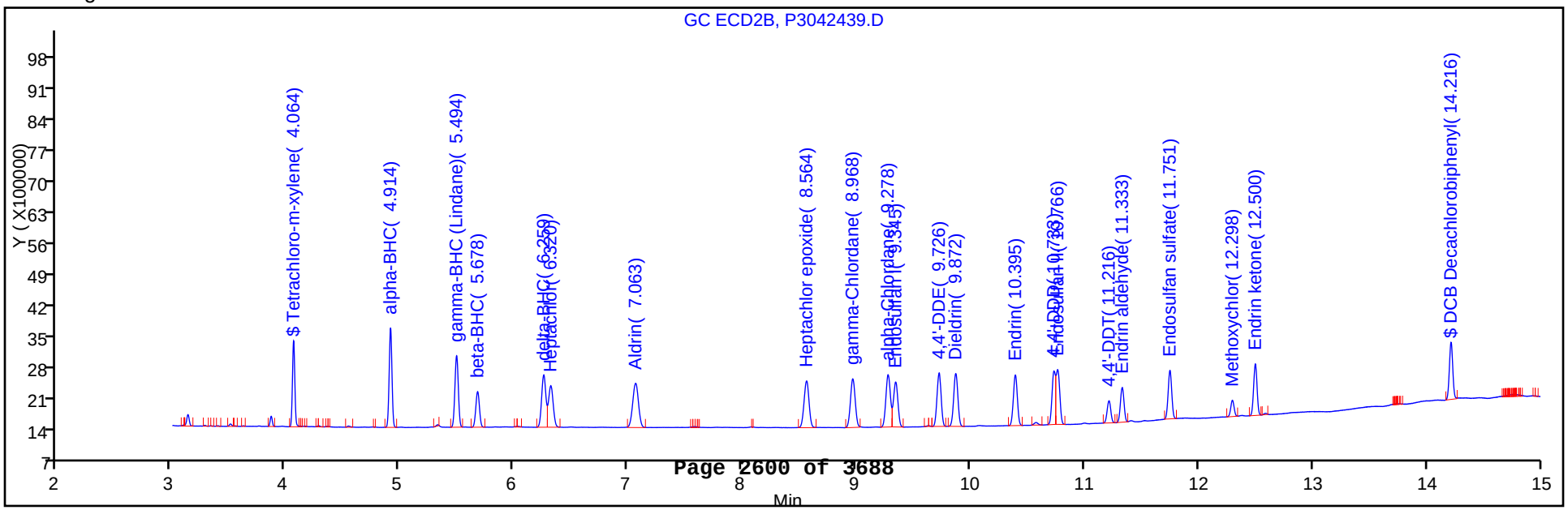
Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042439.D

Injection Date:	24-Apr-2013 22:55:08	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83400	Lims Sample ID:	52
Operator ID:	402582	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
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22804-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-83400/52

Matrix: Solid | Lab File ID: P3042439.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/24/2013 22:55

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.: 83400 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	*4,4'-DDD*	*0.00720*	^	*0.0050*	0.0010	*0.00096*
72-55-9	*4,4'-DDE*	*0.00613*		*0.0050*	0.0010	*0.00097*
50-29-3	*4,4'-DDT*	*0.00363*	*J*	*0.0050*	0.0030	*0.0016*
309-00-2	*Aldrin*	*0.00611*		*0.0050*	0.0010	*0.00082*
319-84-6	*alpha-BHC*	*0.00538*		*0.0050*	0.0010	*0.00070*
5103-71-9	*alpha-Chlordane*	*0.00633*		*0.0050*	0.0010	*0.0014*
319-85-7	*beta-BHC*	*0.00642*		*0.0050*	0.0010	*0.00084*
319-86-8	*delta-BHC*	*0.00478*	*J*	*0.0050*	0.0010	*0.00087*
60-57-1	*Dieldrin*	*0.00619*		*0.0050*	0.0010	*0.00075*
959-98-8	*Endosulfan I*	*0.00600*		*0.0050*	0.0010	*0.0013*
33213-65-9	*Endosulfan II*	*0.00651*		*0.0050*	0.0010	*0.0012*
1031-07-8	*Endosulfan sulfate*	*0.00624*		*0.0050*	0.0010	*0.0011*
72-20-8	*Endrin*	*0.00610*		*0.0050*	0.0010	*0.0011*
7421-93-4	*Endrin aldehyde*	*0.00534*		*0.0050*	0.0010	*0.0011*
53494-70-5	*Endrin ketone*	*0.00565*		*0.0050*	0.0010	*0.00078*
58-89-9	*gamma-BHC (Lindane)*	*0.00538*		*0.0050*	0.0010	*0.00064*
5103-74-2	*gamma-Chlordane*	*0.00629*		*0.0050*	0.0010	*0.0012*
76-44-8	*Heptachlor*	*0.00542*		*0.0050*	0.0010	*0.00080*
1024-57-3	*Heptachlor epoxide*	*0.00626*		*0.0050*	0.0010	*0.00071*
72-43-5	*Methoxychlor*	*0.00487*	*J*	*0.010*	0.0030	*0.0032*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	124		50-150
877-09-8	Tetrachloro-m-xylene	118		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042439.D
Lims ID: MRL Client ID:
Inject. Date: 24-Apr-2013 22:55:08 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0019209-005
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 39
Lims Batch ID: 83400 Lims Sample ID: 52
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130424-19209.b\PEST3.m
Last Update: 25-Apr-2013 07:51:18 Calib Date: 23-Apr-2013 17:41:50
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130423-19186.b\P3042315.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.471	3.471	0.000	5314741	0.006024			
2	100	4.064	4.064	0.000	2835947	0.005907			
						RPD = 1.96			
12 Diallate									
1	100		3.734						
1	2		4.041						
2	100		4.309						
2	2		4.644						
24 Hexachlorobenzene									
1	100		3.944						
2	100		4.681						
5 alpha-BHC									
1	100	4.159	4.159	0.000	7485916	0.005507			
2	100	4.914	4.915	-0.001	3839828	0.005377			
						RPD = 2.40			
20 gamma-BHC (Lindane)									
1	100	4.536	4.537	-0.001	6575419	0.005441			
2	100	5.494	5.494	0.000	3372093	0.005379			
						RPD = 1.13			
7 beta-BHC									
1	100	4.668	4.669	-0.001	3250938	0.006261			
2	100	5.678	5.678	0.000	1788268	0.006417			
						RPD = 2.46			
11 delta-BHC									
1	100	4.881	4.882	-0.001	5551676	0.004535			
2	100	6.259	6.259	0.000	3104090	0.004782			
						RPD = 5.31			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									1
1	100		5.049						
1	2		5.898						
1	3		7.121						
1	4		7.462						
2	100		6.017						
2	2		7.584						
2	3		8.968						
2	4		9.279						
22 Heptachlor									
1	100	5.161	5.162	-0.001	5536367	0.005365			
2	100	6.320	6.319	0.001	2676332	0.005415			
						RPD = 0.94			
4 Aldrin									
1	100	5.608	5.610	-0.002	6590352	0.006057			
2	100	7.063	7.064	-0.001	3536516	0.006108			
						RPD = 0.84			
25 Isodrin									
1	100		6.191						
2	100		8.092						
23 Heptachlor epoxide									
1	100	6.820	6.821	-0.001	6286436	0.006332			
2	100	8.564	8.563	0.001	3217386	0.006264			
						RPD = 1.08			
21 gamma-Chlordane									
1	100	7.121	7.120	0.001	6328534	0.006336			
2	100	8.968	8.969	-0.001	3201443	0.006293			
						RPD = 0.68			
6 alpha-Chlordane									
1	100	7.467	7.469	-0.002	6552977	0.006404			
2	100	9.278	9.278	0.000	3310790	0.006335			
						RPD = 1.09			
14 Endosulfan I									
1	100	7.742	7.745	-0.003	5601147	0.006179			
2	100	9.345	9.346	-0.001	2753001	0.005996			
						RPD = 3.02			
2 4,4'-DDE									
1	100	7.846	7.849	-0.003	6190873	0.006390			
2	100	9.726	9.725	0.001	3043800	0.006126			
						RPD = 4.22			
28 Mirex									1
1	100		8.279						
2	100		9.197						
13 Dieldrin									
1	100	8.307	8.309	-0.002	6119535	0.006130			
2	100	9.872	9.872	0.000	3095670	0.006185			
						RPD = 0.91			
17 Endrin									
1	100	8.769	8.769	0.000	5507267	0.005925			
2	100	10.395	10.395	0.000	2795972	0.006097			
						RPD = 2.88			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									
1	100		8.847						
2	100		10.561						
1 4,4'-DDD									
1	100	9.135	9.136	-0.001	5192289	0.006942			
2	100	10.733	10.734	-0.001	2511521	0.007203			
						RPD = 3.69			
15 Endosulfan II									
1	100	9.224	9.221	0.003	5311944	0.006325			
2	100	10.766	10.765	0.001	2782491	0.006510			
						RPD = 2.87			
9 Chlorobenzilate									
1	100		9.243						
2	100		10.562						
3 4,4'-DDT									
1	100	9.663	9.665	-0.002	2311534	0.003287			
2	100	11.216	11.216	0.000	1124398	0.003630			
						RPD = 9.92			
18 Endrin aldehyde									
1	100	10.030	10.029	0.001	3455642	0.005364			
2	100	11.333	11.332	0.001	1726499	0.005341			
						RPD = 0.43			
30 Toxaphene									1
1	1		10.218						
1	2		10.565						
1	3		10.717						
1	4		11.134						
1	5		11.404						
2	100		10.320						
2	2		10.915						
2	3		11.336						
2	4		12.077						
2	5		12.638						
27 Methoxychlor									
1	100	10.630	10.630	0.000	1622085	0.004587			
2	100	12.298	12.297	0.001	751346	0.004872			
						RPD = 6.04			
16 Endosulfan sulfate									
1	100	10.760	10.761	-0.001	4782686	0.006165			
2	100	11.751	11.750	0.001	2396977	0.006239			
						RPD = 1.18			
19 Endrin ketone									
1	100	11.162	11.161	0.001	4975948	0.005540			
2	100	12.500	12.499	0.001	2426949	0.005646			
						RPD = 1.90			
$ 10 DCB Decachlorobiphenyl									
1	100	12.785	12.785	0.000	5395483	0.006523			
2	100	14.216	14.216	0.000	2677795	0.006199			
						RPD = 5.09			

QC Flag Legend

Processing Flags
1 - Missing Peaks

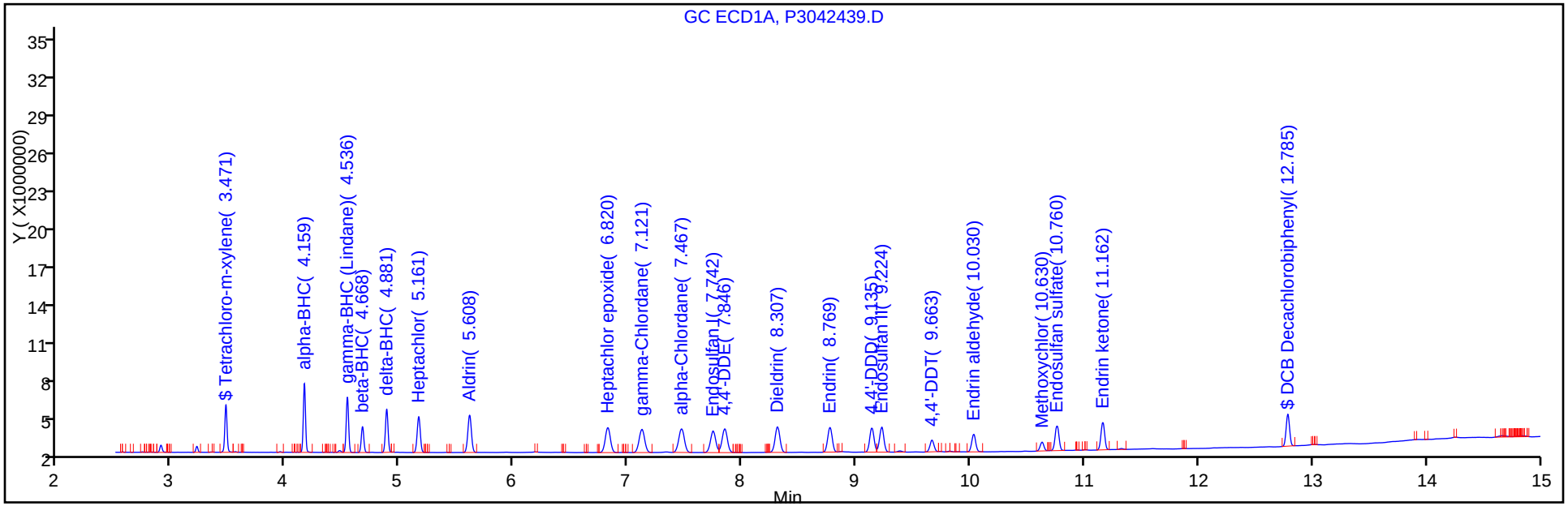
Report Date: 25-Apr-2013 07:51:26 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

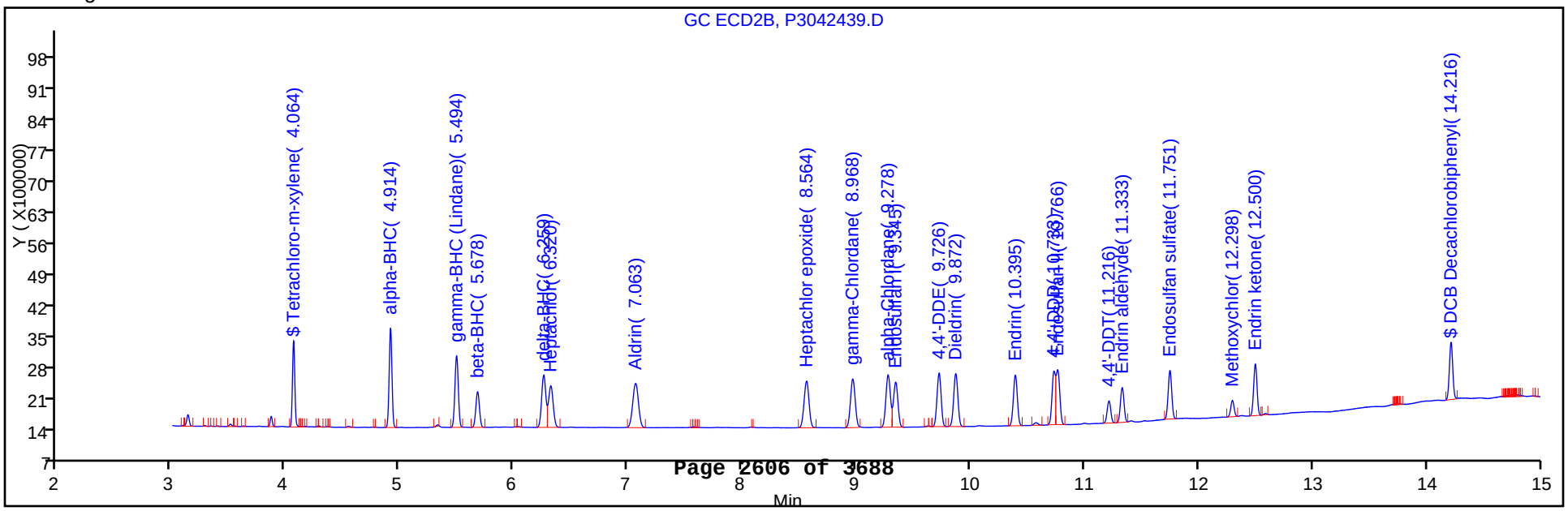
Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042439.D

Injection Date:	24-Apr-2013 22:55:08	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83400	Lims Sample ID:	52
Operator ID:	402582	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
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22804-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-83482/8

Matrix: Solid | Lab File ID: P3042508.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/25/2013 10:17

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.: 83482 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.00571		0.0050	0.0010	0.00096
72-55-9	4,4'-DDE	0.00589		0.0050	0.0010	0.00097
50-29-3	4,4'-DDT	0.00545		0.0050	0.0030	0.0016
309-00-2	Aldrin	0.00586		0.0050	0.0010	0.00082
319-84-6	alpha-BHC	0.00522		0.0050	0.0010	0.00070
5103-71-9	alpha-Chlordane	0.00587		0.0050	0.0010	0.0014
319-85-7	beta-BHC	0.00595		0.0050	0.0010	0.00084
319-86-8	delta-BHC	0.00512		0.0050	0.0010	0.00087
60-57-1	Dieldrin	0.00594		0.0050	0.0010	0.00075
959-98-8	Endosulfan I	0.00578		0.0050	0.0010	0.0013
33213-65-9	Endosulfan II	0.00603		0.0050	0.0010	0.0012
1031-07-8	Endosulfan sulfate	0.00624		0.0050	0.0010	0.0011
72-20-8	Endrin	0.00569		0.0050	0.0010	0.0011
7421-93-4	Endrin aldehyde	0.00615		0.0050	0.0010	0.0011
53494-70-5	Endrin ketone	0.00605		0.0050	0.0010	0.00078
58-89-9	gamma-BHC (Lindane)	0.00523		0.0050	0.0010	0.00064
5103-74-2	gamma-Chlordane	0.00572		0.0050	0.0010	0.0012
76-44-8	Heptachlor	0.00546		0.0050	0.0010	0.00080
1024-57-3	Heptachlor epoxide	0.00569		0.0050	0.0010	0.00071
72-43-5	Methoxychlor	0.00633	J	0.010	0.0030	0.0032
8001-35-2	Toxaphene	0.050	U	0.20	0.050	0.032

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	134	Q	50-150
877-09-8	Tetrachloro-m-xylene	119		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130425-19246.b\P3042508.D
Lims ID: MRL Client ID:
Inject. Date: 25-Apr-2013 10:17:33 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0019246-008
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 83482 Lims Sample ID: 8
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130425-19246.b\PEST3.m
Last Update: 25-Apr-2013 15:40:01 Calib Date: 23-Apr-2013 17:41:50
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130423-19186.b\P3042315.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.471	3.472	-0.001	5234116	0.005932			
2	100	4.066	4.066	0.000	2781942	0.005794			
						RPD = 2.35			
12 Diallate									1
1	100		3.734						
1	2		4.041						
2	100		4.309						
2	2		4.644						
24 Hexachlorobenzene									
1	100		3.944						
2	100		4.681						
5 alpha-BHC									
1	100	4.161	4.160	0.001	7093678	0.005219			
2	100	4.916	4.917	-0.001	3618909	0.005068			
						RPD = 2.94			
20 gamma-BHC (Lindane)									
1	100	4.538	4.537	0.001	6321302	0.005230			
2	100	5.495	5.496	-0.001	3273222	0.005222			
						RPD = 0.16			
7 beta-BHC									
1	100	4.670	4.670	0.000	3089678	0.005950			
2	100	5.681	5.681	0.000	1674952	0.006010			
						RPD = 1.01			
11 delta-BHC									
1	100	4.882	4.883	-0.001	6264994	0.005117			
2	100	6.261	6.262	-0.001	3327377	0.005126			
						RPD = 0.17			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									1
1	100		5.050						
1	2		5.900						
1	3		7.123						
1	4		7.464						
2	100		6.021						
2	2		7.589						
2	3		8.971						
2	4		9.281						
22 Heptachlor									
1	100	5.164	5.163	0.001	5631340	0.005457			
2	100	6.322	6.325	-0.003	2724599	0.005513			
						RPD = 1.03			
4 Aldrin									
1	100	5.610	5.611	-0.001	6378573	0.005862			
2	100	7.068	7.068	0.000	3382361	0.005841			
						RPD = 0.35			
25 Isodrin									
1	100		6.191						
2	100		8.092						
23 Heptachlor epoxide									
1	100	6.823	6.823	0.000	5653021	0.005694			
2	100	8.566	8.568	-0.002	2916633	0.005678			
						RPD = 0.28			
21 gamma-Chlordane									
1	100	7.122	7.123	-0.001	5709200	0.005716			
2	100	8.973	8.973	0.000	2935099	0.005769			
						RPD = 0.94			
6 alpha-Chlordane									
1	100	7.470	7.470	0.000	6001614	0.005866			
2	100	9.281	9.282	-0.001	3013761	0.005767			
						RPD = 1.70			
14 Endosulfan I									
1	100	7.747	7.747	0.000	5241648	0.005783			
2	100	9.348	9.349	-0.001	2604590	0.005672			
						RPD = 1.93			
2 4,4'-DDE									
1	100	7.850	7.850	0.000	5702433	0.005886			
2	100	9.727	9.729	-0.002	2858097	0.005752			
						RPD = 2.30			
28 Mirex									1
1	100		8.279						
2	100		9.197						
13 Dieldrin									
1	100	8.311	8.312	-0.001	5932694	0.005943			
2	100	9.874	9.875	-0.001	2769726	0.005534			
						RPD = 7.12			
17 Endrin									
1	100	8.771	8.771	0.000	5289119	0.005690			
2	100	10.396	10.398	-0.002	2532830	0.005523			
						RPD = 2.96			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									1
1	100		8.847						
2	100		10.561						
1 4,4'-DDD									
1	100	9.140	9.139	0.001	4272024	0.005712			
2	100	10.740	10.737	0.003	2044768	0.005864			
						RPD = 2.64			
15 Endosulfan II									
1	100	9.224	9.223	0.001	5061679	0.006027			
2	100	10.768	10.768	0.000	2625041	0.006141			
						RPD = 1.87			
9 Chlorobenzilate									1
1	100		9.243						
2	100		10.562						
3 4,4'-DDT									
1	100	9.666	9.665	0.001	3833989	0.005452			
2	100	11.218	11.218	0.000	1752100	0.005657			
						RPD = 3.69			
18 Endrin aldehyde									
1	100	10.030	10.030	0.000	3962570	0.006150			
2	100	11.335	11.335	0.000	1909259	0.005906			
						RPD = 4.05			
30 Toxaphene									1
1	1		10.220						
1	2		10.564						
1	3		10.718						
1	4		11.135						
1	5		11.407						
2	100		10.324						
2	2		10.917						
2	3		11.339						
2	4		12.081						
2	5		12.641						
27 Methoxychlor									
1	100	10.629	10.631	-0.002	2240464	0.006335			
2	100	12.300	12.300	0.000	979025	0.006349			
						RPD = 0.22			
16 Endosulfan sulfate									
1	100	10.762	10.762	0.000	4843142	0.006243			
2	100	11.752	11.752	0.000	2441713	0.006355			
						RPD = 1.78			
19 Endrin ketone									
1	100	11.162	11.164	-0.002	5432582	0.006048			
2	100	12.501	12.502	-0.001	2671739	0.006215			
						RPD = 2.73			
$ 10 DCB Decachlorobiphenyl									
1	100	12.785	12.785	0.000	5531443	0.006687			
2	100	14.216	14.217	-0.001	2924827	0.006771			
						RPD = 1.25			

QC Flag Legend

Processing Flags
1 - Missing Peaks

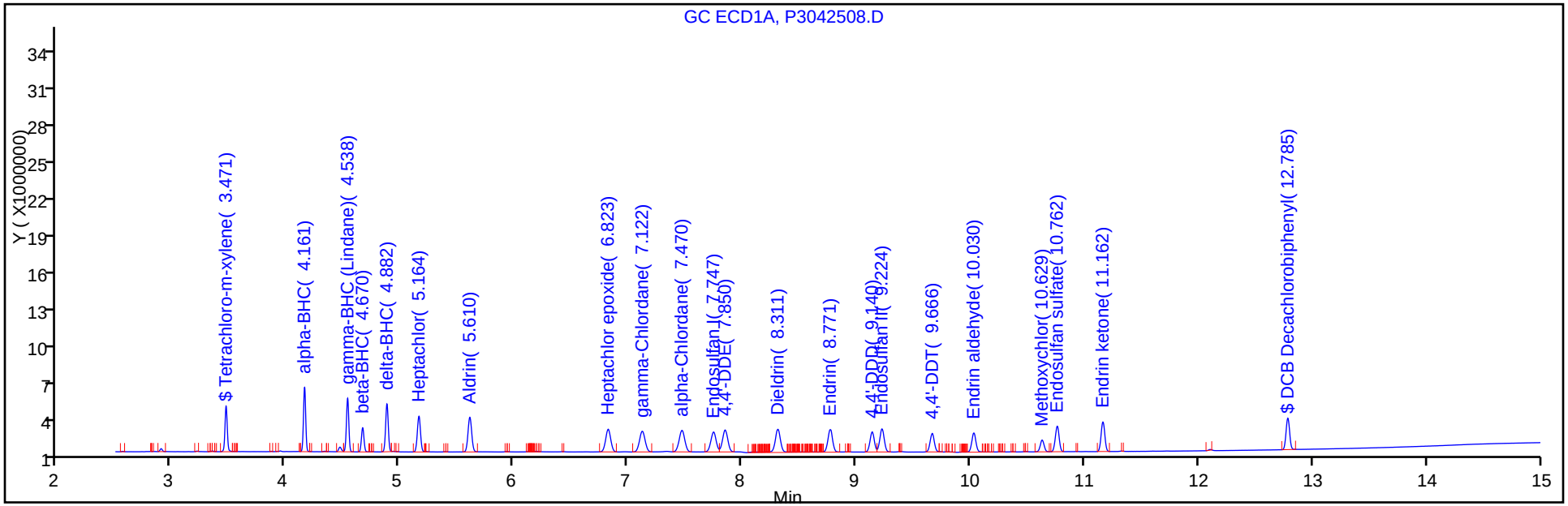
Report Date: 25-Apr-2013 15:40:03 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

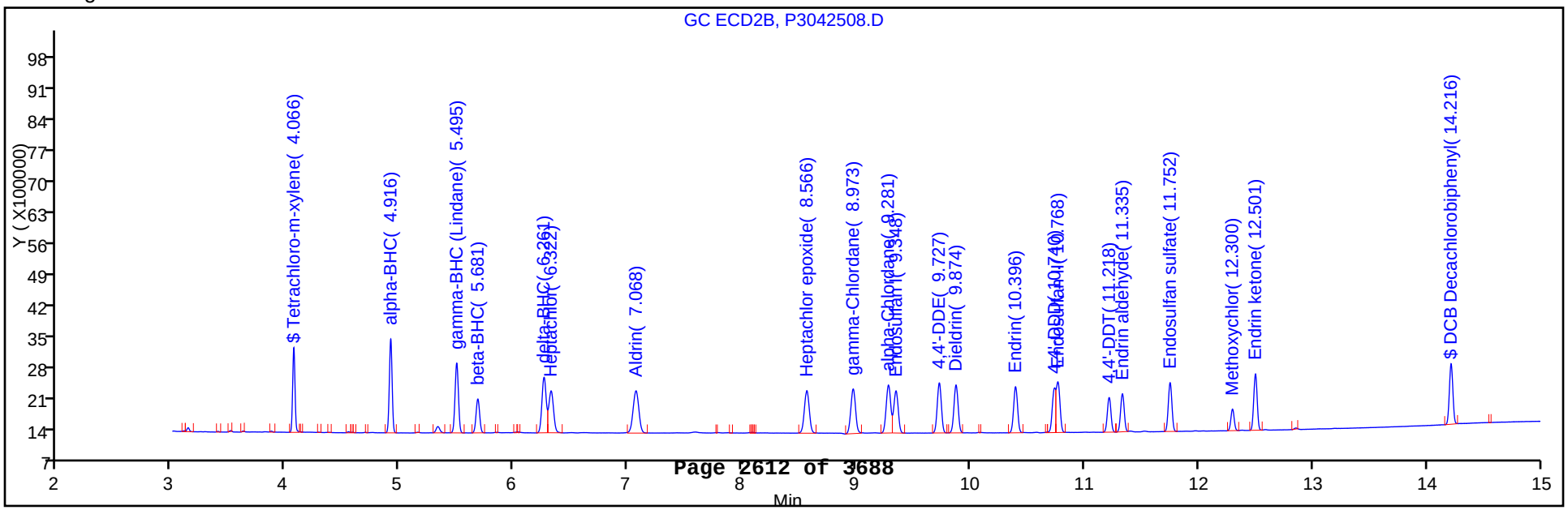
Data File: \\NCChrom\ChromData\A2HP3\20130425-19246.b\P3042508.D

Injection Date:	25-Apr-2013 10:17:33	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83482	Lims Sample ID:	8
Operator ID:	402582	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
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22804-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-83482/8

Matrix: Solid | Lab File ID: P3042508.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/25/2013 10:17

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.: 83482 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	*4,4'-DDD*	*0.00586*		*0.0050*	0.0010	*0.00096*
72-55-9	*4,4'-DDE*	*0.00575*		*0.0050*	0.0010	*0.00097*
50-29-3	*4,4'-DDT*	*0.00566*		*0.0050*	0.0030	*0.0016*
309-00-2	*Aldrin*	*0.00584*		*0.0050*	0.0010	*0.00082*
319-84-6	*alpha-BHC*	*0.00507*		*0.0050*	0.0010	*0.00070*
5103-71-9	*alpha-Chlordane*	*0.00577*		*0.0050*	0.0010	*0.0014*
319-85-7	*beta-BHC*	*0.00601*		*0.0050*	0.0010	*0.00084*
319-86-8	*delta-BHC*	*0.00513*		*0.0050*	0.0010	*0.00087*
60-57-1	*Dieldrin*	*0.00553*		*0.0050*	0.0010	*0.00075*
959-98-8	*Endosulfan I*	*0.00567*		*0.0050*	0.0010	*0.0013*
33213-65-9	*Endosulfan II*	*0.00614*		*0.0050*	0.0010	*0.0012*
1031-07-8	*Endosulfan sulfate*	*0.00636*		*0.0050*	0.0010	*0.0011*
72-20-8	*Endrin*	*0.00552*		*0.0050*	0.0010	*0.0011*
7421-93-4	*Endrin aldehyde*	*0.00591*		*0.0050*	0.0010	*0.0011*
53494-70-5	*Endrin ketone*	*0.00622*		*0.0050*	0.0010	*0.00078*
58-89-9	*gamma-BHC (Lindane)*	*0.00522*		*0.0050*	0.0010	*0.00064*
5103-74-2	*gamma-Chlordane*	*0.00577*		*0.0050*	0.0010	*0.0012*
76-44-8	*Heptachlor*	*0.00551*		*0.0050*	0.0010	*0.00080*
1024-57-3	*Heptachlor epoxide*	*0.00568*		*0.0050*	0.0010	*0.00071*
72-43-5	*Methoxychlor*	*0.00635*	*J*	*0.010*	0.0030	*0.0032*
8001-35-2	*Toxaphene*	*0.050*	*U*	*0.20*	0.050	*0.032*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	135	*Q*	50-150
877-09-8	Tetrachloro-m-xylene	116		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130425-19246.b\P3042508.D
Lims ID: MRL Client ID:
Inject. Date: 25-Apr-2013 10:17:33 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0019246-008
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 83482 Lims Sample ID: 8
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130425-19246.b\PEST3.m
Last Update: 25-Apr-2013 15:40:01 Calib Date: 23-Apr-2013 17:41:50
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130423-19186.b\P3042315.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.471	3.472	-0.001	5234116	0.005932			
2	100	4.066	4.066	0.000	2781942	0.005794			
						RPD = 2.35			
12 Diallate									1
1	100		3.734						
1	2		4.041						
2	100		4.309						
2	2		4.644						
24 Hexachlorobenzene									
1	100		3.944						
2	100		4.681						
5 alpha-BHC									
1	100	4.161	4.160	0.001	7093678	0.005219			
2	100	4.916	4.917	-0.001	3618909	0.005068			
						RPD = 2.94			
20 gamma-BHC (Lindane)									
1	100	4.538	4.537	0.001	6321302	0.005230			
2	100	5.495	5.496	-0.001	3273222	0.005222			
						RPD = 0.16			
7 beta-BHC									
1	100	4.670	4.670	0.000	3089678	0.005950			
2	100	5.681	5.681	0.000	1674952	0.006010			
						RPD = 1.01			
11 delta-BHC									
1	100	4.882	4.883	-0.001	6264994	0.005117			
2	100	6.261	6.262	-0.001	3327377	0.005126			
						RPD = 0.17			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									1
1	100		5.050						
1	2		5.900						
1	3		7.123						
1	4		7.464						
2	100		6.021						
2	2		7.589						
2	3		8.971						
2	4		9.281						
22 Heptachlor									
1	100	5.164	5.163	0.001	5631340	0.005457			
2	100	6.322	6.325	-0.003	2724599	0.005513			
						RPD = 1.03			
4 Aldrin									
1	100	5.610	5.611	-0.001	6378573	0.005862			
2	100	7.068	7.068	0.000	3382361	0.005841			
						RPD = 0.35			
25 Isodrin									
1	100		6.191						
2	100		8.092						
23 Heptachlor epoxide									
1	100	6.823	6.823	0.000	5653021	0.005694			
2	100	8.566	8.568	-0.002	2916633	0.005678			
						RPD = 0.28			
21 gamma-Chlordane									
1	100	7.122	7.123	-0.001	5709200	0.005716			
2	100	8.973	8.973	0.000	2935099	0.005769			
						RPD = 0.94			
6 alpha-Chlordane									
1	100	7.470	7.470	0.000	6001614	0.005866			
2	100	9.281	9.282	-0.001	3013761	0.005767			
						RPD = 1.70			
14 Endosulfan I									
1	100	7.747	7.747	0.000	5241648	0.005783			
2	100	9.348	9.349	-0.001	2604590	0.005672			
						RPD = 1.93			
2 4,4'-DDE									
1	100	7.850	7.850	0.000	5702433	0.005886			
2	100	9.727	9.729	-0.002	2858097	0.005752			
						RPD = 2.30			
28 Mirex									1
1	100		8.279						
2	100		9.197						
13 Dieldrin									
1	100	8.311	8.312	-0.001	5932694	0.005943			
2	100	9.874	9.875	-0.001	2769726	0.005534			
						RPD = 7.12			
17 Endrin									
1	100	8.771	8.771	0.000	5289119	0.005690			
2	100	10.396	10.398	-0.002	2532830	0.005523			
						RPD = 2.96			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									1
1	100		8.847						
2	100		10.561						
1 4,4'-DDD									
1	100	9.140	9.139	0.001	4272024	0.005712			
2	100	10.740	10.737	0.003	2044768	0.005864			
						RPD = 2.64			
15 Endosulfan II									
1	100	9.224	9.223	0.001	5061679	0.006027			
2	100	10.768	10.768	0.000	2625041	0.006141			
						RPD = 1.87			
9 Chlorobenzilate									1
1	100		9.243						
2	100		10.562						
3 4,4'-DDT									
1	100	9.666	9.665	0.001	3833989	0.005452			
2	100	11.218	11.218	0.000	1752100	0.005657			
						RPD = 3.69			
18 Endrin aldehyde									
1	100	10.030	10.030	0.000	3962570	0.006150			
2	100	11.335	11.335	0.000	1909259	0.005906			
						RPD = 4.05			
30 Toxaphene									1
1	1		10.220						
1	2		10.564						
1	3		10.718						
1	4		11.135						
1	5		11.407						
2	100		10.324						
2	2		10.917						
2	3		11.339						
2	4		12.081						
2	5		12.641						
27 Methoxychlor									
1	100	10.629	10.631	-0.002	2240464	0.006335			
2	100	12.300	12.300	0.000	979025	0.006349			
						RPD = 0.22			
16 Endosulfan sulfate									
1	100	10.762	10.762	0.000	4843142	0.006243			
2	100	11.752	11.752	0.000	2441713	0.006355			
						RPD = 1.78			
19 Endrin ketone									
1	100	11.162	11.164	-0.002	5432582	0.006048			
2	100	12.501	12.502	-0.001	2671739	0.006215			
						RPD = 2.73			
$ 10 DCB Decachlorobiphenyl									
1	100	12.785	12.785	0.000	5531443	0.006687			
2	100	14.216	14.217	-0.001	2924827	0.006771			
						RPD = 1.25			

QC Flag Legend

Processing Flags
1 - Missing Peaks

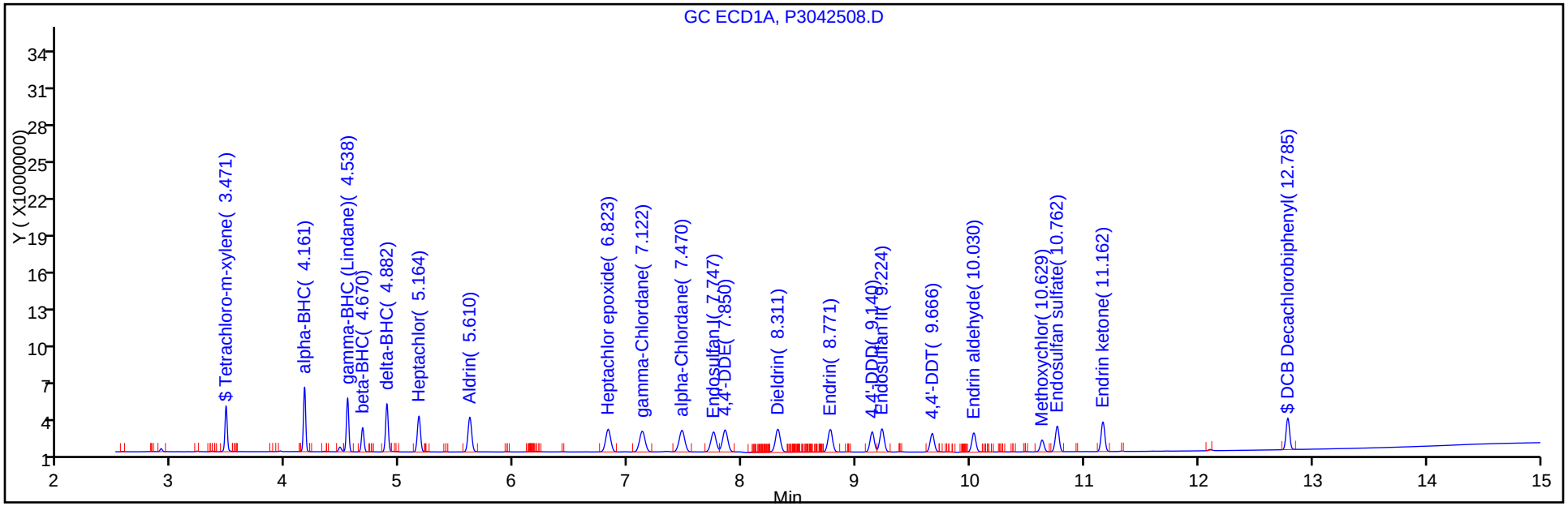
Report Date: 25-Apr-2013 15:40:04 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

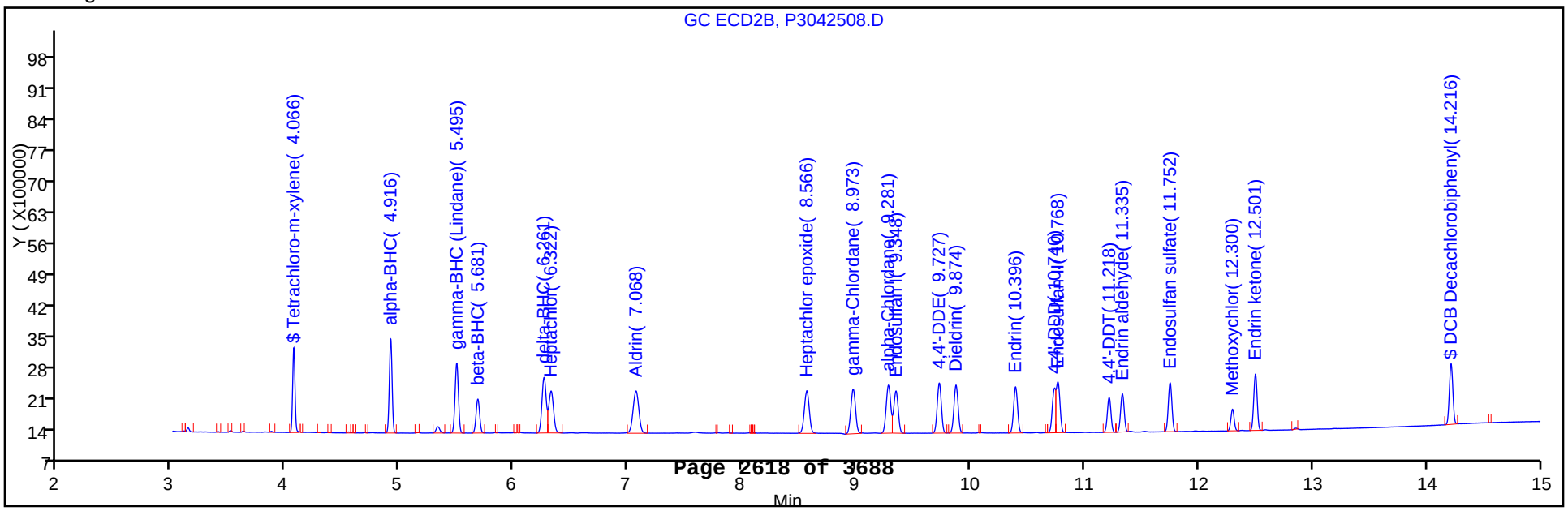
Data File: \\NCChrom\ChromData\A2HP3\20130425-19246.b\P3042508.D

Injection Date:	25-Apr-2013 10:17:33	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83482	Lims Sample ID:	8
Operator ID:	402582	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
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22804-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-83482/23

Matrix: Solid | Lab File ID: P3042523.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/25/2013 15:20

Con. Extract Vol.: 1.0(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.: 83482 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.00639		0.0050	0.0010	0.00096
72-55-9	4,4'-DDE	0.00599		0.0050	0.0010	0.00097
50-29-3	4,4'-DDT	0.00457	J	0.0050	0.0030	0.0016
309-00-2	Aldrin	0.00593		0.0050	0.0010	0.00082
319-84-6	alpha-BHC	0.00541		0.0050	0.0010	0.00070
5103-71-9	alpha-Chlordane	0.00617		0.0050	0.0010	0.0014
319-85-7	beta-BHC	0.00612		0.0050	0.0010	0.00084
319-86-8	delta-BHC	0.00543		0.0050	0.0010	0.00087
60-57-1	Dieldrin	0.00587	M	0.0050	0.0010	0.00075
959-98-8	Endosulfan I	0.00622		0.0050	0.0010	0.0013
33213-65-9	Endosulfan II	0.00613		0.0050	0.0010	0.0012
1031-07-8	Endosulfan sulfate	0.00645		0.0050	0.0010	0.0011
72-20-8	Endrin	0.00559		0.0050	0.0010	0.0011
7421-93-4	Endrin aldehyde	0.00622		0.0050	0.0010	0.0011
53494-70-5	Endrin ketone	0.00635		0.0050	0.0010	0.00078
58-89-9	gamma-BHC (Lindane)	0.00541		0.0050	0.0010	0.00064
5103-74-2	gamma-Chlordane	0.00608		0.0050	0.0010	0.0012
76-44-8	Heptachlor	0.00546		0.0050	0.0010	0.00080
1024-57-3	Heptachlor epoxide	0.00608		0.0050	0.0010	0.00071
72-43-5	Methoxychlor	0.00639	J	0.010	0.0030	0.0032
8001-35-2	Toxaphene	0.050	U	0.20	0.050	0.032

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	133	Q	50-150
877-09-8	Tetrachloro-m-xylene	116		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130425-19246.b\P3042523.D
Lims ID: MRL Client ID:
Inject. Date: 25-Apr-2013 15:20:10 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0019246-023
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 23
Lims Batch ID: 83482 Lims Sample ID: 23
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130425-19246.b\PEST3.m
Last Update: 26-Apr-2013 16:00:49 Calib Date: 23-Apr-2013 17:41:50
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130423-19186.b\P3042315.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK026

First Level Reviewer: vandorenc Date: 26-Apr-2013 15:53:12

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.472	3.472	0.000	5114728	0.005797			
2	100	4.067	4.066	0.001	2747145	0.005722			
						RPD = 1.30			
12 Diallate									1
1	100		3.734						
1	2		4.041						
2	100		4.309						
2	2		4.644						
24 Hexachlorobenzene									
1	100		3.944						
2	100		4.681						
5 alpha-BHC									
1	100	4.161	4.160	0.001	7349475	0.005407			
2	100	4.917	4.917	0.000	3763808	0.005271			
						RPD = 2.56			
20 gamma-BHC (Lindane)									
1	100	4.538	4.537	0.001	6540160	0.005411			
2	100	5.496	5.497	-0.001	3403230	0.005429			
						RPD = 0.33			
7 beta-BHC									
1	100	4.670	4.670	0.000	3178001	0.006120			
2	100	5.681	5.681	0.000	1735323	0.006227			
						RPD = 1.73			
11 delta-BHC									
1	100	4.883	4.882	0.001	6643497	0.005426			
2	100	6.261	6.261	0.000	3522000	0.005426			
						RPD = 0.01			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									1
1	100		5.050						
1	2		5.900						
1	3		7.123						
1	4		7.464						
2	100		6.021						
2	2		7.589						
2	3		8.971						
2	4		9.281						
22 Heptachlor									
1	100	5.163	5.163	0.000	5631357	0.005457			
2	100	6.323	6.323	0.000	2795237	0.005656			
						RPD = 3.59			
4 Aldrin									
1	100	5.610	5.611	-0.001	6451103	0.005929			
2	100	7.067	7.068	-0.001	3395159	0.005863			
						RPD = 1.11			
25 Isodrin									
1	100		6.191						
2	100		8.092						
23 Heptachlor epoxide									
1	100	6.823	6.823	0.000	6038404	0.006082			
2	100	8.567	8.567	0.000	3110438	0.006055			
						RPD = 0.44			
21 gamma-Chlordane									
1	100	7.122	7.122	0.000	6074508	0.006081			
2	100	8.972	8.973	-0.001	3110512	0.006114			
						RPD = 0.54			
6 alpha-Chlordane									
1	100	7.470	7.470	0.000	6316990	0.006174			
2	100	9.283	9.279	0.004	3179546	0.006084			
						RPD = 1.47			
14 Endosulfan I									
1	100	7.748	7.747	0.001	5636419	0.006218			
2	100	9.348	9.348	0.000	2793326	0.006084			
						RPD = 2.19			
2 4,4'-DDE									
1	100	7.850	7.849	0.001	5806108	0.005993			
2	100	9.728	9.727	0.001	2896417	0.005829			
						RPD = 2.77			
28 Mirex									1
1	100		8.279						
2	100		9.197						
13 Dieldrin									M
1	100	8.314	8.311	0.003	5858392	0.005868			M
2	100	9.876	9.876	0.000	2924628	0.005844			
						RPD = 0.42			
17 Endrin									
1	100	8.771	8.771	0.000	5196267	0.005590			
2	100	10.398	10.398	0.000	2540663	0.005540			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									1
1	100		8.847						
2	100		10.561						
1 4,4'-DDD									
1	100	9.140	9.137	0.003	4780410	0.006391			
2	100	10.738	10.737	0.001	2382183	0.006832			
						RPD = 6.67			
15 Endosulfan II									
1	100	9.226	9.225	0.001	5148936	0.006131			
2	100	10.770	10.767	0.003	2761812	0.006461			
						RPD = 5.24			
9 Chlorobenzilate									1
1	100		9.243						
2	100		10.562						
3 4,4'-DDT									
1	100	9.666	9.664	0.002	3213597	0.004570			
2	100	11.218	11.218	0.000	1473200	0.004757			
						RPD = 4.00			
18 Endrin aldehyde									
1	100	10.031	10.030	0.001	4006258	0.006218			
2	100	11.335	11.334	0.001	2014363	0.006231			
						RPD = 0.21			
30 Toxaphene									1
1	1		10.218						
1	2		10.564						
1	3		10.717						
1	4		11.135						
1	5		11.405						
2	100		10.321						
2	2		10.915						
2	3		11.338						
2	4		12.079						
2	5		12.639						
27 Methoxychlor									
1	100	10.631	10.627	0.004	2259374	0.006388			
2	100	12.301	12.301	0.000	1012059	0.006563			
						RPD = 2.70			
16 Endosulfan sulfate									
1	100	10.763	10.762	0.001	5001114	0.006447			
2	100	11.753	11.753	0.000	2545223	0.006624			
						RPD = 2.72			
19 Endrin ketone									
1	100	11.164	11.164	0.000	5707490	0.006354			
2	100	12.503	12.502	0.001	2764539	0.006431			
						RPD = 1.21			
$ 10 DCB Decachlorobiphenyl									
1	100	12.786	12.785	0.001	5489169	0.006636			
2	100	14.219	14.218	0.001	2937575	0.006801			
						RPD = 2.45			

QC Flag Legend

Processing Flags
1 - Missing Peaks

Review Flags
M - Manually Integrated

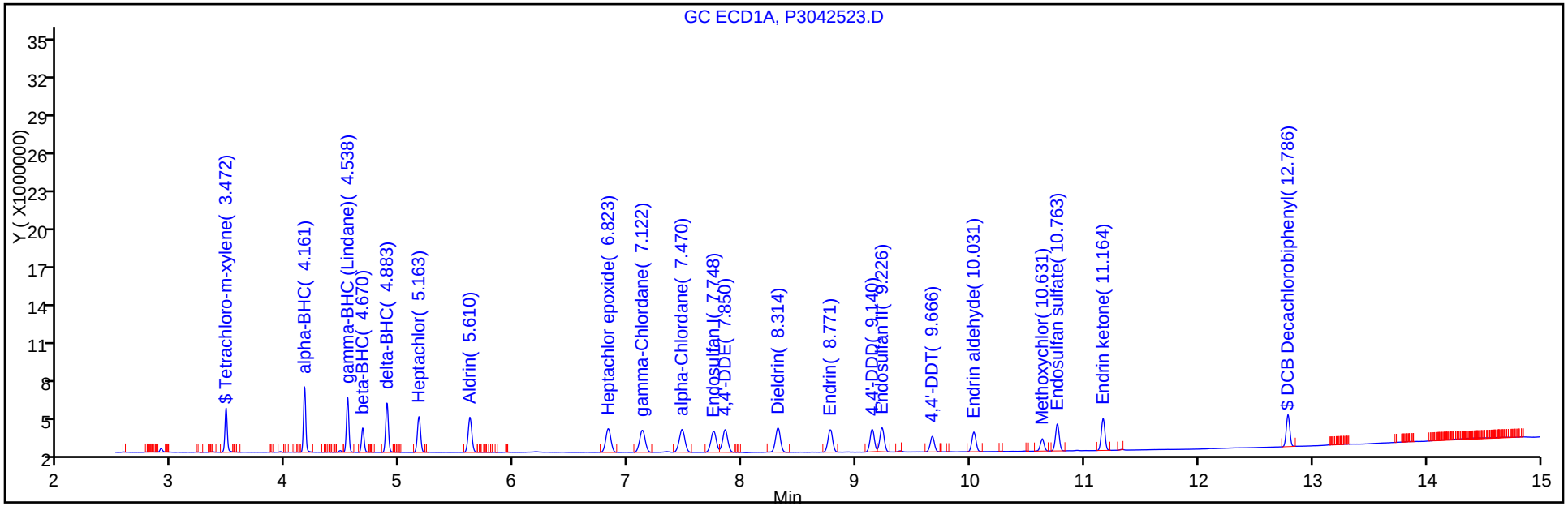
Report Date: 26-Apr-2013 16:00:49 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

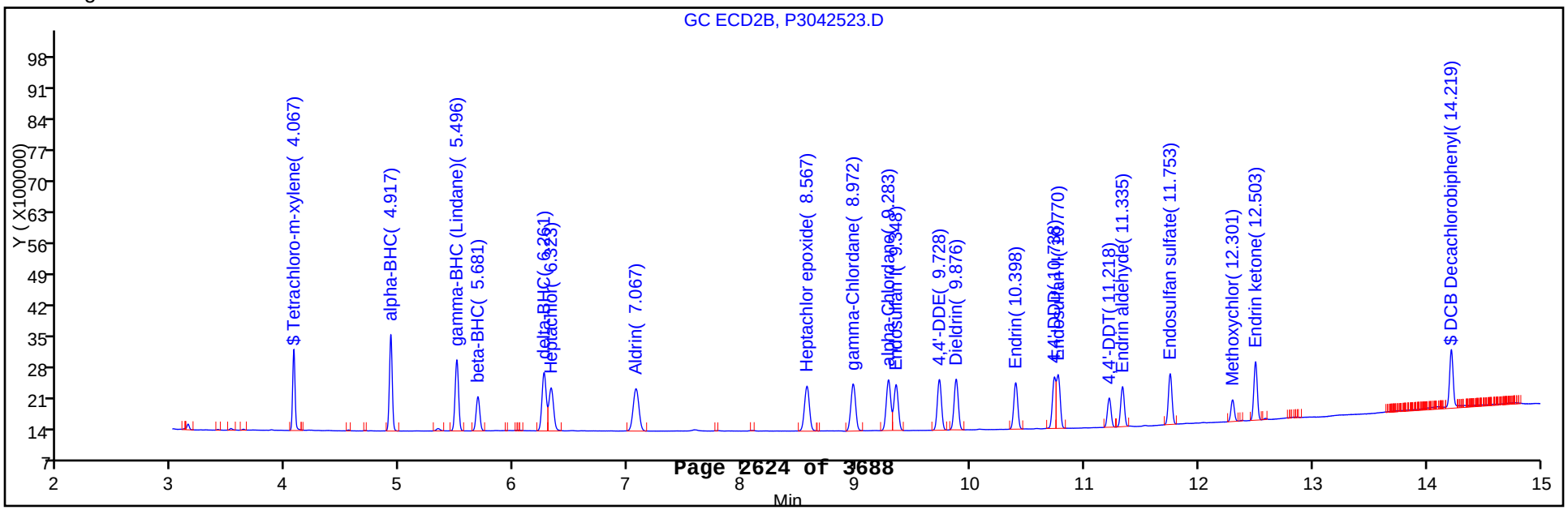
Data File: \\NCChrom\ChromData\A2HP3\20130425-19246.b\P3042523.D

Injection Date:	25-Apr-2013 15:20:10	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83482	Lims Sample ID:	23
Operator ID:	402582	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



Manual Integration/User Assign Peak Report

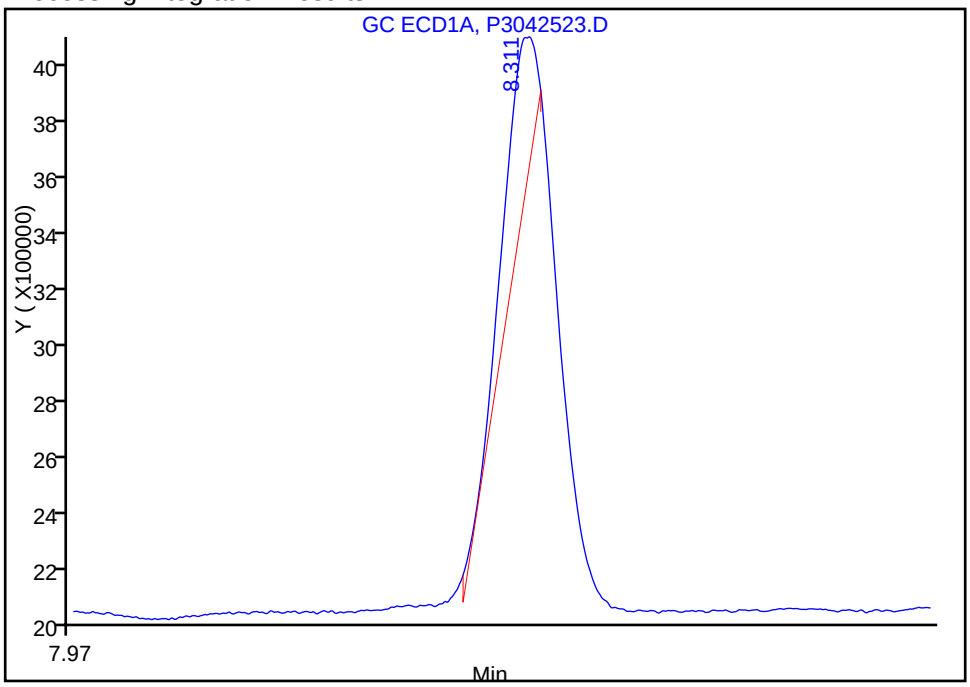
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP3\20130425-19246.b\P3042523.D		
Injection Date:	25-Apr-2013 15:20:10	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83482	Lims Sample ID:	23
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

13 Dieldrin, Signal: 1, Type: quant, RT: 8.31, Det: GC ECD1A

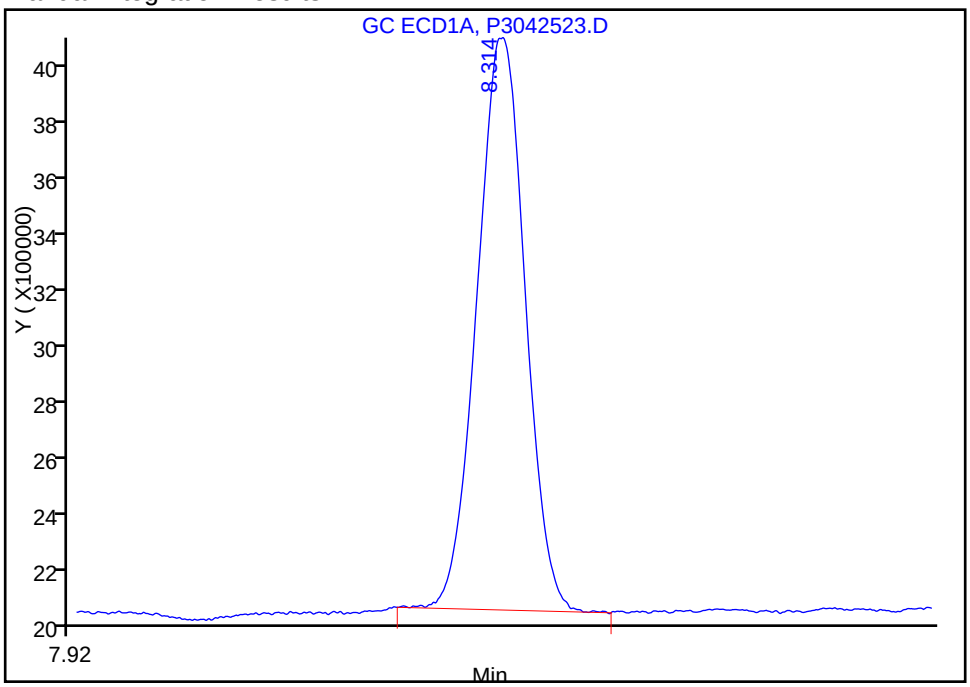
Processing Integration Results

RT: 8.31
Response: 917017
Amount: 0.000919



Manual Integration Results

RT: 8.31
Response: 5858392
Amount: 0.005868



Reviewer: vandorenc, 26-Apr-2013 16:00:49
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22804-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-83482/23

Matrix: Solid | Lab File ID: P3042523.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/25/2013 15:20

Con. Extract Vol.: 1.0(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.: 83482 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	*4,4'-DDD*	*0.00683*	^	*0.0050*	0.0010	*0.00096*
72-55-9	*4,4'-DDE*	*0.00583*		*0.0050*	0.0010	*0.00097*
50-29-3	*4,4'-DDT*	*0.00476*	*J*	*0.0050*	0.0030	*0.0016*
309-00-2	*Aldrin*	*0.00586*		*0.0050*	0.0010	*0.00082*
319-84-6	*alpha-BHC*	*0.00527*		*0.0050*	0.0010	*0.00070*
5103-71-9	*alpha-Chlordane*	*0.00608*		*0.0050*	0.0010	*0.0014*
319-85-7	*beta-BHC*	*0.00623*		*0.0050*	0.0010	*0.00084*
319-86-8	*delta-BHC*	*0.00543*		*0.0050*	0.0010	*0.00087*
60-57-1	*Dieldrin*	*0.00584*		*0.0050*	0.0010	*0.00075*
959-98-8	*Endosulfan I*	*0.00608*		*0.0050*	0.0010	*0.0013*
33213-65-9	*Endosulfan II*	*0.00646*		*0.0050*	0.0010	*0.0012*
1031-07-8	*Endosulfan sulfate*	*0.00662*	^	*0.0050*	0.0010	*0.0011*
72-20-8	*Endrin*	*0.00554*		*0.0050*	0.0010	*0.0011*
7421-93-4	*Endrin aldehyde*	*0.00623*		*0.0050*	0.0010	*0.0011*
53494-70-5	*Endrin ketone*	*0.00643*		*0.0050*	0.0010	*0.00078*
58-89-9	*gamma-BHC (Lindane)*	*0.00543*		*0.0050*	0.0010	*0.00064*
5103-74-2	*gamma-Chlordane*	*0.00611*		*0.0050*	0.0010	*0.0012*
76-44-8	*Heptachlor*	*0.00566*		*0.0050*	0.0010	*0.00080*
1024-57-3	*Heptachlor epoxide*	*0.00606*		*0.0050*	0.0010	*0.00071*
72-43-5	*Methoxychlor*	*0.00656*	*J ^*	*0.010*	0.0030	*0.0032*
8001-35-2	*Toxaphene*	*0.050*	*U*	*0.20*	0.050	*0.032*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	136	*Q*	50-150
877-09-8	Tetrachloro-m-xylene	114		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130425-19246.b\P3042523.D
Lims ID: MRL Client ID:
Inject. Date: 25-Apr-2013 15:20:10 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0019246-023
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 23
Lims Batch ID: 83482 Lims Sample ID: 23
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130425-19246.b\PEST3.m
Last Update: 26-Apr-2013 16:00:49 Calib Date: 23-Apr-2013 17:41:50
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130423-19186.b\P3042315.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK026

First Level Reviewer: vandorenc Date: 26-Apr-2013 15:53:12

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.472	3.472	0.000	5114728	0.005797			
2	100	4.067	4.066	0.001	2747145	0.005722			
						RPD = 1.30			
12 Diallate									1
1	100		3.734						
1	2		4.041						
2	100		4.309						
2	2		4.644						
24 Hexachlorobenzene									
1	100		3.944						
2	100		4.681						
5 alpha-BHC									
1	100	4.161	4.160	0.001	7349475	0.005407			
2	100	4.917	4.917	0.000	3763808	0.005271			
						RPD = 2.56			
20 gamma-BHC (Lindane)									
1	100	4.538	4.537	0.001	6540160	0.005411			
2	100	5.496	5.497	-0.001	3403230	0.005429			
						RPD = 0.33			
7 beta-BHC									
1	100	4.670	4.670	0.000	3178001	0.006120			
2	100	5.681	5.681	0.000	1735323	0.006227			
						RPD = 1.73			
11 delta-BHC									
1	100	4.883	4.882	0.001	6643497	0.005426			
2	100	6.261	6.261	0.000	3522000	0.005426			
						RPD = 0.01			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									1
1	100		5.050						
1	2		5.900						
1	3		7.123						
1	4		7.464						
2	100		6.021						
2	2		7.589						
2	3		8.971						
2	4		9.281						
22 Heptachlor									
1	100	5.163	5.163	0.000	5631357	0.005457			
2	100	6.323	6.323	0.000	2795237	0.005656			
						RPD = 3.59			
4 Aldrin									
1	100	5.610	5.611	-0.001	6451103	0.005929			
2	100	7.067	7.068	-0.001	3395159	0.005863			
						RPD = 1.11			
25 Isodrin									
1	100		6.191						
2	100		8.092						
23 Heptachlor epoxide									
1	100	6.823	6.823	0.000	6038404	0.006082			
2	100	8.567	8.567	0.000	3110438	0.006055			
						RPD = 0.44			
21 gamma-Chlordane									
1	100	7.122	7.122	0.000	6074508	0.006081			
2	100	8.972	8.973	-0.001	3110512	0.006114			
						RPD = 0.54			
6 alpha-Chlordane									
1	100	7.470	7.470	0.000	6316990	0.006174			
2	100	9.283	9.279	0.004	3179546	0.006084			
						RPD = 1.47			
14 Endosulfan I									
1	100	7.748	7.747	0.001	5636419	0.006218			
2	100	9.348	9.348	0.000	2793326	0.006084			
						RPD = 2.19			
2 4,4'-DDE									
1	100	7.850	7.849	0.001	5806108	0.005993			
2	100	9.728	9.727	0.001	2896417	0.005829			
						RPD = 2.77			
28 Mirex									1
1	100		8.279						
2	100		9.197						
13 Dieldrin									M
1	100	8.314	8.311	0.003	5858392	0.005868			M
2	100	9.876	9.876	0.000	2924628	0.005844			
						RPD = 0.42			
17 Endrin									
1	100	8.771	8.771	0.000	5196267	0.005590			
2	100	10.398	10.398	0.000	2540663	0.005540			
						RPD = 0.91			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									1
1	100		8.847						
2	100		10.561						
1 4,4'-DDD									
1	100	9.140	9.137	0.003	4780410	0.006391			
2	100	10.738	10.737	0.001	2382183	0.006832			
						RPD = 6.67			
15 Endosulfan II									
1	100	9.226	9.225	0.001	5148936	0.006131			
2	100	10.770	10.767	0.003	2761812	0.006461			
						RPD = 5.24			
9 Chlorobenzilate									1
1	100		9.243						
2	100		10.562						
3 4,4'-DDT									
1	100	9.666	9.664	0.002	3213597	0.004570			
2	100	11.218	11.218	0.000	1473200	0.004757			
						RPD = 4.00			
18 Endrin aldehyde									
1	100	10.031	10.030	0.001	4006258	0.006218			
2	100	11.335	11.334	0.001	2014363	0.006231			
						RPD = 0.21			
30 Toxaphene									1
1	1		10.218						
1	2		10.564						
1	3		10.717						
1	4		11.135						
1	5		11.405						
2	100		10.321						
2	2		10.915						
2	3		11.338						
2	4		12.079						
2	5		12.639						
27 Methoxychlor									
1	100	10.631	10.627	0.004	2259374	0.006388			
2	100	12.301	12.301	0.000	1012059	0.006563			
						RPD = 2.70			
16 Endosulfan sulfate									
1	100	10.763	10.762	0.001	5001114	0.006447			
2	100	11.753	11.753	0.000	2545223	0.006624			
						RPD = 2.72			
19 Endrin ketone									
1	100	11.164	11.164	0.000	5707490	0.006354			
2	100	12.503	12.502	0.001	2764539	0.006431			
						RPD = 1.21			
$ 10 DCB Decachlorobiphenyl									
1	100	12.786	12.785	0.001	5489169	0.006636			
2	100	14.219	14.218	0.001	2937575	0.006801			
						RPD = 2.45			

QC Flag Legend

Processing Flags
1 - Missing Peaks

Review Flags
M - Manually Integrated

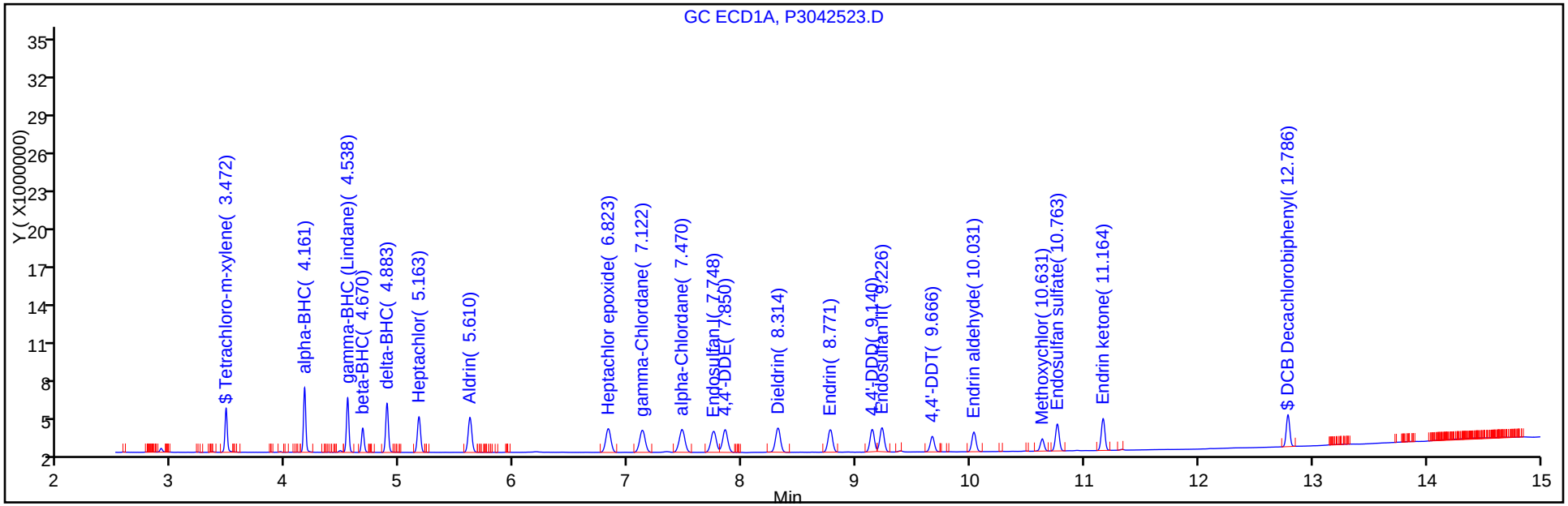
Report Date: 26-Apr-2013 16:00:49 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

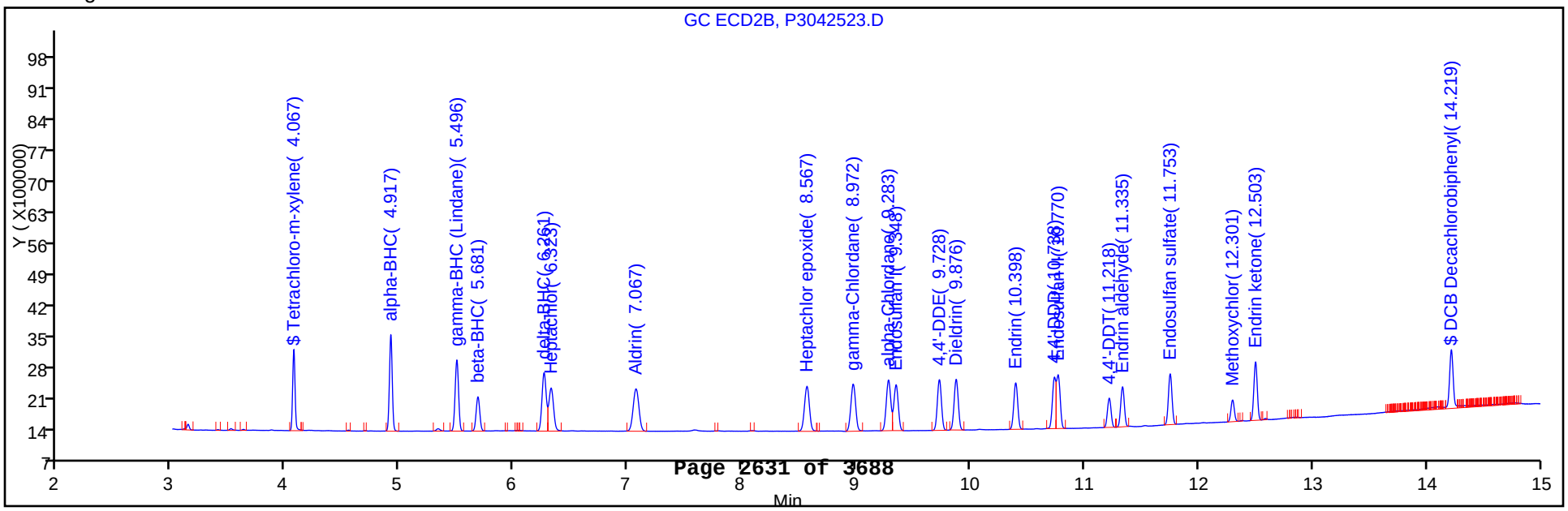
Data File: \\NCChrom\ChromData\A2HP3\20130425-19246.b\P3042523.D

Injection Date:	25-Apr-2013 15:20:10	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83482	Lims Sample ID:	23
Operator ID:	402582	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



GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Instrument ID: A2HP3 Start Date: 03/14/2013 14:00

Analysis Batch Number: 78295 End Date: 03/14/2013 20:40

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PEM 240-78295/12		03/14/2013 14:00	1	P3031412.D	CLP-1 0.53(mm)
PEM 240-78295/12		03/14/2013 14:00	1	P3031412.D	CLP-2 0.53(mm)
STD 240-78295/13 IC		03/14/2013 14:20	1	P3031413.D	CLP-1 0.53(mm)
STD 240-78295/13 IC		03/14/2013 14:20	1	P3031413.D	CLP-2 0.53(mm)
STD 240-78295/14 IC		03/14/2013 14:40	1	P3031414.D	CLP-1 0.53(mm)
STD 240-78295/14 IC		03/14/2013 14:40	1	P3031414.D	CLP-2 0.53(mm)
STD 240-78295/15 ICRT		03/14/2013 15:00	1	P3031415.D	CLP-1 0.53(mm)
STD 240-78295/15 ICRT		03/14/2013 15:00	1	P3031415.D	CLP-2 0.53(mm)
STD 240-78295/16 IC		03/14/2013 15:20	1	P3031416.D	CLP-1 0.53(mm)
STD 240-78295/16 IC		03/14/2013 15:20	1	P3031416.D	CLP-2 0.53(mm)
STD 240-78295/17 IC		03/14/2013 15:40	1	P3031417.D	CLP-1 0.53(mm)
STD 240-78295/17 IC		03/14/2013 15:40	1	P3031417.D	CLP-2 0.53(mm)
STD 240-78295/18 IC		03/14/2013 16:00	1	P3031418.D	CLP-1 0.53(mm)
STD 240-78295/18 IC		03/14/2013 16:00	1	P3031418.D	CLP-2 0.53(mm)
ICV 240-78295/19		03/14/2013 16:20	1	P3031419.D	CLP-1 0.53(mm)
ICV 240-78295/19		03/14/2013 16:20	1	P3031419.D	CLP-2 0.53(mm)
STD 240-78295/20 IC		03/14/2013 16:40	1	P3031420.D	CLP-1 0.53(mm)
STD 240-78295/20 IC		03/14/2013 16:40	1	P3031420.D	CLP-2 0.53(mm)
STD 240-78295/21 IC		03/14/2013 17:00	1	P3031421.D	CLP-1 0.53(mm)
STD 240-78295/21 IC		03/14/2013 17:00	1	P3031421.D	CLP-2 0.53(mm)
STD 240-78295/22 IC		03/14/2013 17:20	1	P3031422.D	CLP-1 0.53(mm)
STD 240-78295/22 IC		03/14/2013 17:20	1	P3031422.D	CLP-2 0.53(mm)
STD 240-78295/23 IC		03/14/2013 17:40	1	P3031423.D	CLP-1 0.53(mm)
STD 240-78295/23 IC		03/14/2013 17:40	1	P3031423.D	CLP-2 0.53(mm)
STD 240-78295/24 IC		03/14/2013 18:00	1	P3031424.D	CLP-1 0.53(mm)
STD 240-78295/24 IC		03/14/2013 18:00	1	P3031424.D	CLP-2 0.53(mm)
ICV 240-78295/25		03/14/2013 18:20	1	P3031425.D	CLP-1 0.53(mm)
ICV 240-78295/25		03/14/2013 18:20	1	P3031425.D	CLP-2 0.53(mm)
STD 240-78295/26 IC		03/14/2013 18:40	1		CLP-1 0.53(mm)
STD 240-78295/26 IC		03/14/2013 18:40	1		CLP-2 0.53(mm)
STD 240-78295/27 IC		03/14/2013 19:00	1		CLP-1 0.53(mm)
STD 240-78295/27 IC		03/14/2013 19:00	1		CLP-2 0.53(mm)
STD 240-78295/28 IC		03/14/2013 19:20	1		CLP-1 0.53(mm)
STD 240-78295/28 IC		03/14/2013 19:20	1		CLP-2 0.53(mm)
STD 240-78295/29 IC		03/14/2013 19:40	1		CLP-1 0.53(mm)
STD 240-78295/29 IC		03/14/2013 19:40	1		CLP-2 0.53(mm)
STD 240-78295/30 IC		03/14/2013 20:00	1		CLP-1 0.53(mm)
STD 240-78295/30 IC		03/14/2013 20:00	1		CLP-2 0.53(mm)
ICV 240-78295/31		03/14/2013 20:20	1		CLP-1 0.53(mm)
ICV 240-78295/31		03/14/2013 20:20	1		CLP-2 0.53(mm)
PEM 240-78295/32		03/14/2013 20:40	1		CLP-1 0.53(mm)
PEM 240-78295/32		03/14/2013 20:40	1		CLP-2 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Instrument ID: A2HP3 Start Date: 04/16/2013 13:17

Analysis Batch Number: 82129 End Date: 04/17/2013 05:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PEM 240-82129/4		04/16/2013 13:17	1	P3041604.D	CLP-1 0.53(mm)
PEM 240-82129/4		04/16/2013 13:17	1	P3041604.D	CLP-2 0.53(mm)
STD 240-82129/5 IC		04/16/2013 13:37	1		CLP-1 0.53(mm)
STD 240-82129/5 IC		04/16/2013 13:37	1		CLP-2 0.53(mm)
STD 240-82129/6 IC		04/16/2013 13:57	1		CLP-1 0.53(mm)
STD 240-82129/6 IC		04/16/2013 13:57	1		CLP-2 0.53(mm)
STD 240-82129/7 ICRT		04/16/2013 14:17	1		CLP-1 0.53(mm)
STD 240-82129/7 ICRT		04/16/2013 14:17	1		CLP-2 0.53(mm)
STD 240-82129/8 IC		04/16/2013 14:38	1		CLP-1 0.53(mm)
STD 240-82129/8 IC		04/16/2013 14:38	1		CLP-2 0.53(mm)
STD 240-82129/9 IC		04/16/2013 14:58	1		CLP-1 0.53(mm)
STD 240-82129/9 IC		04/16/2013 14:58	1		CLP-2 0.53(mm)
CCV 240-82129/10		04/16/2013 15:18	1	P3041610.D	CLP-1 0.53(mm)
CCV 240-82129/10		04/16/2013 15:18	1	P3041610.D	CLP-2 0.53(mm)
CCV 240-82129/13 CCVRT		04/16/2013 16:19	1	P3041613.D	CLP-1 0.53(mm)
CCV 240-82129/13 CCVRT		04/16/2013 16:19	1	P3041613.D	CLP-2 0.53(mm)
MRL 240-82129/14		04/16/2013 16:39	1	P3041614.D	CLP-1 0.53(mm)
MRL 240-82129/14		04/16/2013 16:39	1	P3041614.D	CLP-2 0.53(mm)
240-22804-11	079RN-0317-0001-RN	04/16/2013 19:20	1	P3041622.D	CLP-1 0.53(mm)
240-22804-11	079RN-0317-0001-RN	04/16/2013 19:20	1	P3041622.D	CLP-2 0.53(mm)
MB 240-80943/2-A		04/16/2013 19:40	1	P3041623.D	CLP-1 0.53(mm)
MB 240-80943/2-A		04/16/2013 19:40	1	P3041623.D	CLP-2 0.53(mm)
LCS 240-80943/3-A		04/16/2013 20:00	1	P3041624.D	CLP-1 0.53(mm)
LCS 240-80943/3-A		04/16/2013 20:00	1	P3041624.D	CLP-2 0.53(mm)
PEM 240-82129/25		04/16/2013 20:21	1		CLP-1 0.53(mm)
PEM 240-82129/25		04/16/2013 20:21	1		CLP-2 0.53(mm)
CCV 240-82129/26		04/16/2013 20:41	1	P3041626.D	CLP-1 0.53(mm)
CCV 240-82129/26		04/16/2013 20:41	1	P3041626.D	CLP-2 0.53(mm)
ZZZZZ		04/16/2013 21:01	1		CLP-1 0.53(mm)
ZZZZZ		04/16/2013 21:01	1		CLP-2 0.53(mm)
ZZZZZ		04/16/2013 21:21	1		CLP-1 0.53(mm)
ZZZZZ		04/16/2013 21:21	1		CLP-2 0.53(mm)
ZZZZZ		04/16/2013 21:41	50		CLP-1 0.53(mm)
ZZZZZ		04/16/2013 21:41	50		CLP-2 0.53(mm)
ZZZZZ		04/16/2013 22:02	1		CLP-1 0.53(mm)
ZZZZZ		04/16/2013 22:02	1		CLP-2 0.53(mm)
ZZZZZ		04/16/2013 22:22	1		CLP-1 0.53(mm)
ZZZZZ		04/16/2013 22:22	1		CLP-2 0.53(mm)
ZZZZZ		04/16/2013 22:42	1		CLP-1 0.53(mm)
ZZZZZ		04/16/2013 22:42	1		CLP-2 0.53(mm)
ZZZZZ		04/16/2013 23:02	1		CLP-1 0.53(mm)
ZZZZZ		04/16/2013 23:02	1		CLP-2 0.53(mm)
ZZZZZ		04/16/2013 23:22	20		CLP-1 0.53(mm)
ZZZZZ		04/16/2013 23:22	20		CLP-2 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Instrument ID: A2HP3 Start Date: 04/16/2013 13:17

Analysis Batch Number: 82129 End Date: 04/17/2013 05:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/16/2013 23:42	1		CLP-1 0.53(mm)
ZZZZZ		04/16/2013 23:42	1		CLP-2 0.53(mm)
ZZZZZ		04/17/2013 00:03	1		CLP-1 0.53(mm)
ZZZZZ		04/17/2013 00:03	1		CLP-2 0.53(mm)
CCV 240-82129/37		04/17/2013 00:23	1		CLP-1 0.53(mm)
CCV 240-82129/37		04/17/2013 00:23	1		CLP-2 0.53(mm)
ZZZZZ		04/17/2013 00:43	1		CLP-1 0.53(mm)
ZZZZZ		04/17/2013 00:43	1		CLP-2 0.53(mm)
ZZZZZ		04/17/2013 01:03	1		CLP-1 0.53(mm)
ZZZZZ		04/17/2013 01:03	1		CLP-2 0.53(mm)
ZZZZZ		04/17/2013 01:23	1		CLP-1 0.53(mm)
ZZZZZ		04/17/2013 01:23	1		CLP-2 0.53(mm)
ZZZZZ		04/17/2013 01:43	1		CLP-1 0.53(mm)
ZZZZZ		04/17/2013 01:43	1		CLP-2 0.53(mm)
ZZZZZ		04/17/2013 02:03	1		CLP-1 0.53(mm)
ZZZZZ		04/17/2013 02:03	1		CLP-2 0.53(mm)
ZZZZZ		04/17/2013 02:23	1		CLP-1 0.53(mm)
ZZZZZ		04/17/2013 02:23	1		CLP-2 0.53(mm)
ZZZZZ		04/17/2013 02:44	1		CLP-1 0.53(mm)
ZZZZZ		04/17/2013 02:44	1		CLP-2 0.53(mm)
ZZZZZ		04/17/2013 03:04	1		CLP-1 0.53(mm)
ZZZZZ		04/17/2013 03:04	1		CLP-2 0.53(mm)
CCV 240-82129/46		04/17/2013 03:24	1	P3041646.D	CLP-1 0.53(mm)
CCV 240-82129/46		04/17/2013 03:24	1	P3041646.D	CLP-2 0.53(mm)
CCV 240-82129/50		04/17/2013 04:45	1		CLP-1 0.53(mm)
CCV 240-82129/50		04/17/2013 04:45	1		CLP-2 0.53(mm)
MRL 240-82129/51		04/17/2013 05:05	1	P3041651.D	CLP-1 0.53(mm)
MRL 240-82129/51		04/17/2013 05:05	1	P3041651.D	CLP-2 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Instrument ID: A2HP3 Start Date: 04/19/2013 11:25

Analysis Batch Number: 82685 End Date: 04/20/2013 00:21

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PEM 240-82685/4		04/19/2013 11:25	1	P3041904.D	CLP-1 0.53(mm)
PEM 240-82685/4		04/19/2013 11:25	1	P3041904.D	CLP-2 0.53(mm)
CCV 240-82685/5 CCVRT		04/19/2013 11:45	1	P3041905.D	CLP-1 0.53(mm)
CCV 240-82685/5 CCVRT		04/19/2013 11:45	1	P3041905.D	CLP-2 0.53(mm)
MRL 240-82685/6		04/19/2013 12:05	1	P3041906.D	CLP-1 0.53(mm)
MRL 240-82685/6		04/19/2013 12:05	1	P3041906.D	CLP-2 0.53(mm)
CCV 240-82685/7		04/19/2013 12:26	1	P3041907.D	CLP-1 0.53(mm)
CCV 240-82685/7		04/19/2013 12:26	1	P3041907.D	CLP-2 0.53(mm)
MB 240-81726/21-A		04/19/2013 15:17	1	P3041914.D	CLP-1 0.53(mm)
MB 240-81726/21-A		04/19/2013 15:17	1	P3041914.D	CLP-2 0.53(mm)
LCS 240-81726/22-A		04/19/2013 15:37	1	P3041915.D	CLP-1 0.53(mm)
LCS 240-81726/22-A		04/19/2013 15:37	1	P3041915.D	CLP-2 0.53(mm)
CCV 240-82685/16		04/19/2013 15:57	1	P3041916.D	CLP-1 0.53(mm)
CCV 240-82685/16		04/19/2013 15:57	1	P3041916.D	CLP-2 0.53(mm)
CCV 240-82685/19		04/19/2013 16:58	1	P3041919.D	CLP-1 0.53(mm)
CCV 240-82685/19		04/19/2013 16:58	1	P3041919.D	CLP-2 0.53(mm)
MRL 240-82685/41		04/19/2013 17:18	1	P3041920.D	CLP-1 0.53(mm)
MRL 240-82685/41		04/19/2013 17:18	1	P3041920.D	CLP-2 0.53(mm)
PEM 240-82685/20		04/19/2013 17:38	1		CLP-1 0.53(mm)
PEM 240-82685/20		04/19/2013 17:38	1		CLP-2 0.53(mm)
ZZZZZ		04/19/2013 17:58	1		CLP-1 0.53(mm)
ZZZZZ		04/19/2013 17:58	1		CLP-2 0.53(mm)
ZZZZZ		04/19/2013 18:18	1		CLP-1 0.53(mm)
ZZZZZ		04/19/2013 18:18	1		CLP-2 0.53(mm)
ZZZZZ		04/19/2013 18:39	10		CLP-1 0.53(mm)
ZZZZZ		04/19/2013 18:39	10		CLP-2 0.53(mm)
ZZZZZ		04/19/2013 18:59	1		CLP-1 0.53(mm)
ZZZZZ		04/19/2013 18:59	1		CLP-2 0.53(mm)
ZZZZZ		04/19/2013 19:19	1		CLP-1 0.53(mm)
ZZZZZ		04/19/2013 19:19	1		CLP-2 0.53(mm)
ZZZZZ		04/19/2013 19:39	1		CLP-1 0.53(mm)
ZZZZZ		04/19/2013 19:39	1		CLP-2 0.53(mm)
ZZZZZ		04/19/2013 19:59	1		CLP-1 0.53(mm)
ZZZZZ		04/19/2013 19:59	1		CLP-2 0.53(mm)
ZZZZZ		04/19/2013 20:19	2		CLP-1 0.53(mm)
ZZZZZ		04/19/2013 20:19	2		CLP-2 0.53(mm)
ZZZZZ		04/19/2013 20:40	2		CLP-1 0.53(mm)
ZZZZZ		04/19/2013 20:40	2		CLP-2 0.53(mm)
ZZZZZ		04/19/2013 21:00	2		CLP-1 0.53(mm)
ZZZZZ		04/19/2013 21:00	2		CLP-2 0.53(mm)
CCV 240-82685/31		04/19/2013 21:20	1		CLP-1 0.53(mm)
CCV 240-82685/31		04/19/2013 21:20	1		CLP-2 0.53(mm)
ZZZZZ		04/19/2013 21:40	20		CLP-1 0.53(mm)
ZZZZZ		04/19/2013 21:40	20		CLP-2 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Instrument ID: A2HP3 Start Date: 04/19/2013 11:25

Analysis Batch Number: 82685 End Date: 04/20/2013 00:21

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/19/2013 22:00	10		CLP-1 0.53(mm)
ZZZZZ		04/19/2013 22:00	10		CLP-2 0.53(mm)
ZZZZZ		04/19/2013 22:20	1		CLP-1 0.53(mm)
ZZZZZ		04/19/2013 22:20	1		CLP-2 0.53(mm)
ZZZZZ		04/19/2013 22:40	1		CLP-1 0.53(mm)
ZZZZZ		04/19/2013 22:40	1		CLP-2 0.53(mm)
ZZZZZ		04/19/2013 23:01	1		CLP-1 0.53(mm)
ZZZZZ		04/19/2013 23:01	1		CLP-2 0.53(mm)
ZZZZZ		04/19/2013 23:21	1		CLP-1 0.53(mm)
ZZZZZ		04/19/2013 23:21	1		CLP-2 0.53(mm)
CCV 240-82685/38		04/19/2013 23:41	1		CLP-1 0.53(mm)
CCV 240-82685/38		04/19/2013 23:41	1		CLP-2 0.53(mm)
CCV 240-82685/39		04/20/2013 00:01	1		CLP-1 0.53(mm)
CCV 240-82685/39		04/20/2013 00:01	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2013 00:21	1		CLP-1 0.53(mm)
ZZZZZ		04/20/2013 00:21	1		CLP-2 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Instrument ID: A2HP3 Start Date: 04/20/2013 14:02

Analysis Batch Number: 82857 End Date: 04/21/2013 01:46

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PEM 240-82857/4		04/20/2013 14:02	1		CLP-1 0.53(mm)
PEM 240-82857/4		04/20/2013 14:02	1		CLP-2 0.53(mm)
CCV 240-82857/5 CCVRT		04/20/2013 14:22	1		CLP-1 0.53(mm)
CCV 240-82857/5 CCVRT		04/20/2013 14:22	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2013 14:42	1		CLP-1 0.53(mm)
ZZZZZ		04/20/2013 14:42	1		CLP-2 0.53(mm)
CCV 240-82857/7		04/20/2013 15:02	1		CLP-1 0.53(mm)
CCV 240-82857/7		04/20/2013 15:02	1		CLP-2 0.53(mm)
CCV 240-82857/8		04/20/2013 15:23	1		CLP-1 0.53(mm)
CCV 240-82857/8		04/20/2013 15:23	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2013 15:43	1		CLP-1 0.53(mm)
ZZZZZ		04/20/2013 15:43	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2013 16:03	1		CLP-1 0.53(mm)
ZZZZZ		04/20/2013 16:03	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2013 16:23	1		CLP-1 0.53(mm)
ZZZZZ		04/20/2013 16:23	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2013 16:43	5		CLP-1 0.53(mm)
ZZZZZ		04/20/2013 16:43	5		CLP-2 0.53(mm)
ZZZZZ		04/20/2013 17:03	1		CLP-1 0.53(mm)
ZZZZZ		04/20/2013 17:03	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2013 17:23	5		CLP-1 0.53(mm)
ZZZZZ		04/20/2013 17:23	5		CLP-2 0.53(mm)
CCV 240-82857/15		04/20/2013 17:43	1		CLP-1 0.53(mm)
CCV 240-82857/15		04/20/2013 17:43	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2013 18:04	1		CLP-1 0.53(mm)
ZZZZZ		04/20/2013 18:04	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2013 18:24	1		CLP-1 0.53(mm)
ZZZZZ		04/20/2013 18:24	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2013 18:44	10		CLP-1 0.53(mm)
ZZZZZ		04/20/2013 18:44	10		CLP-2 0.53(mm)
ZZZZZ		04/20/2013 19:04	1		CLP-1 0.53(mm)
ZZZZZ		04/20/2013 19:04	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2013 19:24	1		CLP-1 0.53(mm)
ZZZZZ		04/20/2013 19:24	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2013 19:44	1		CLP-1 0.53(mm)
ZZZZZ		04/20/2013 19:44	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2013 20:04	1		CLP-1 0.53(mm)
ZZZZZ		04/20/2013 20:04	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2013 20:24	2		CLP-1 0.53(mm)
ZZZZZ		04/20/2013 20:24	2		CLP-2 0.53(mm)
ZZZZZ		04/20/2013 20:45	2		CLP-1 0.53(mm)
ZZZZZ		04/20/2013 20:45	2		CLP-2 0.53(mm)
ZZZZZ		04/20/2013 21:05	2		CLP-1 0.53(mm)
ZZZZZ		04/20/2013 21:05	2		CLP-2 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Instrument ID: A2HP3 Start Date: 04/20/2013 14:02

Analysis Batch Number: 82857 End Date: 04/21/2013 01:46

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PEM 240-82857/26		04/20/2013 21:25	1		CLP-1 0.53(mm)
PEM 240-82857/26		04/20/2013 21:25	1	P3042026.D	CLP-2 0.53(mm)
CCV 240-82857/27		04/20/2013 21:45	1	P3042027.D	CLP-1 0.53(mm)
CCV 240-82857/27		04/20/2013 21:45	1	P3042027.D	CLP-2 0.53(mm)
ZZZZZ		04/20/2013 22:05	20		CLP-1 0.53(mm)
ZZZZZ		04/20/2013 22:05	20		CLP-2 0.53(mm)
ZZZZZ		04/20/2013 22:25	10		CLP-1 0.53(mm)
ZZZZZ		04/20/2013 22:25	10		CLP-2 0.53(mm)
ZZZZZ		04/20/2013 22:45	1		CLP-1 0.53(mm)
ZZZZZ		04/20/2013 22:45	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2013 23:05	1		CLP-1 0.53(mm)
ZZZZZ		04/20/2013 23:05	1		CLP-2 0.53(mm)
240-22804-4	074SB-0010-0001-SO	04/20/2013 23:25	1	P3042032.D	CLP-1 0.53(mm)
240-22804-4	074SB-0010-0001-SO	04/20/2013 23:25	1	P3042032.D	CLP-2 0.53(mm)
ZZZZZ		04/20/2013 23:45	1		CLP-1 0.53(mm)
ZZZZZ		04/20/2013 23:45	1		CLP-2 0.53(mm)
ZZZZZ		04/21/2013 00:05	1		CLP-1 0.53(mm)
ZZZZZ		04/21/2013 00:05	1		CLP-2 0.53(mm)
ZZZZZ		04/21/2013 00:25	1		CLP-1 0.53(mm)
ZZZZZ		04/21/2013 00:25	1		CLP-2 0.53(mm)
CCV 240-82857/36		04/21/2013 00:46	1	P3042036.D	CLP-1 0.53(mm)
CCV 240-82857/36		04/21/2013 00:46	1	P3042036.D	CLP-2 0.53(mm)
CCV 240-82857/37		04/21/2013 01:06	1		CLP-1 0.53(mm)
CCV 240-82857/37		04/21/2013 01:06	1		CLP-2 0.53(mm)
CCV 240-82857/38		04/21/2013 01:26	1	P3042038.D	CLP-1 0.53(mm)
CCV 240-82857/38		04/21/2013 01:26	1	P3042038.D	CLP-2 0.53(mm)
ZZZZZ		04/21/2013 01:46	1		CLP-1 0.53(mm)
ZZZZZ		04/21/2013 01:46	1		CLP-2 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Instrument ID: A2HP3 Start Date: 04/22/2013 18:32

Analysis Batch Number: 83061 End Date: 04/23/2013 09:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PEM 240-83061/4		04/22/2013 18:32	1		CLP-1 0.53(mm)
PEM 240-83061/4		04/22/2013 18:32	1		CLP-2 0.53(mm)
STD 240-83061/5 IC		04/22/2013 18:52	1	P3042205.D	CLP-1 0.53(mm)
STD 240-83061/5 IC		04/22/2013 18:52	1	P3042205.D	CLP-2 0.53(mm)
STD 240-83061/6 IC		04/22/2013 19:12	1	P3042206.D	CLP-1 0.53(mm)
STD 240-83061/6 IC		04/22/2013 19:12	1	P3042206.D	CLP-2 0.53(mm)
STD 240-83061/7 IC		04/22/2013 19:32	1	P3042207.D	CLP-1 0.53(mm)
STD 240-83061/7 IC		04/22/2013 19:32	1	P3042207.D	CLP-2 0.53(mm)
STD 240-83061/8 IC		04/22/2013 19:52	1	P3042208.D	CLP-1 0.53(mm)
STD 240-83061/8 IC		04/22/2013 19:52	1	P3042208.D	CLP-2 0.53(mm)
STD 240-83061/9 IC		04/22/2013 20:13	1	P3042209.D	CLP-1 0.53(mm)
STD 240-83061/9 IC		04/22/2013 20:13	1	P3042209.D	CLP-2 0.53(mm)
ICV 240-83061/10		04/22/2013 20:33	1	P3042210.D	CLP-1 0.53(mm)
ICV 240-83061/10		04/22/2013 20:33	1	P3042210.D	CLP-2 0.53(mm)
STD 240-83061/11 IC		04/22/2013 20:53	1		CLP-1 0.53(mm)
STD 240-83061/11 IC		04/22/2013 20:53	1		CLP-2 0.53(mm)
STD 240-83061/12 IC		04/22/2013 21:13	1		CLP-1 0.53(mm)
STD 240-83061/12 IC		04/22/2013 21:13	1		CLP-2 0.53(mm)
STD 240-83061/13 IC		04/22/2013 21:33	1		CLP-1 0.53(mm)
STD 240-83061/13 IC		04/22/2013 21:33	1		CLP-2 0.53(mm)
STD 240-83061/14 IC		04/22/2013 21:53	1		CLP-1 0.53(mm)
STD 240-83061/14 IC		04/22/2013 21:53	1		CLP-2 0.53(mm)
STD 240-83061/15 IC		04/22/2013 22:14	1		CLP-1 0.53(mm)
STD 240-83061/15 IC		04/22/2013 22:14	1		CLP-2 0.53(mm)
ICV 240-83061/16		04/22/2013 22:34	1		CLP-1 0.53(mm)
ICV 240-83061/16		04/22/2013 22:34	1		CLP-2 0.53(mm)
STD 240-83061/17 IC		04/22/2013 22:54	1	P3042217.D	CLP-1 0.53(mm)
STD 240-83061/17 IC		04/22/2013 22:54	1	P3042217.D	CLP-2 0.53(mm)
STD 240-83061/18 IC		04/22/2013 23:14	1	P3042218.D	CLP-1 0.53(mm)
STD 240-83061/18 IC		04/22/2013 23:14	1	P3042218.D	CLP-2 0.53(mm)
STD 240-83061/19 ICRT		04/22/2013 23:34	1	P3042219.D	CLP-1 0.53(mm)
STD 240-83061/19 ICRT		04/22/2013 23:34	1	P3042219.D	CLP-2 0.53(mm)
STD 240-83061/20 IC		04/22/2013 23:54	1	P3042220.D	CLP-1 0.53(mm)
STD 240-83061/20 IC		04/22/2013 23:54	1	P3042220.D	CLP-2 0.53(mm)
STD 240-83061/21 IC		04/23/2013 00:15	1	P3042221.D	CLP-1 0.53(mm)
STD 240-83061/21 IC		04/23/2013 00:15	1	P3042221.D	CLP-2 0.53(mm)
STD 240-83061/22 IC		04/23/2013 00:35	1	P3042222.D	CLP-1 0.53(mm)
STD 240-83061/22 IC		04/23/2013 00:35	1	P3042222.D	CLP-2 0.53(mm)
ICV 240-83061/23		04/23/2013 00:55	1	P3042223.D	CLP-1 0.53(mm)
ICV 240-83061/23		04/23/2013 00:55	1	P3042223.D	CLP-2 0.53(mm)
PEM 240-83061/24		04/23/2013 01:15	1		CLP-1 0.53(mm)
PEM 240-83061/24		04/23/2013 01:15	1		CLP-2 0.53(mm)
ZZZZZ		04/23/2013 01:35	1		CLP-1 0.53(mm)
ZZZZZ		04/23/2013 01:35	1		CLP-2 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Instrument ID: A2HP3 Start Date: 04/22/2013 18:32

Analysis Batch Number: 83061 End Date: 04/23/2013 09:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/23/2013 01:55	1		CLP-1 0.53(mm)
ZZZZZ		04/23/2013 01:55	1		CLP-2 0.53(mm)
ZZZZZ		04/23/2013 02:16	1		CLP-1 0.53(mm)
ZZZZZ		04/23/2013 02:16	1		CLP-2 0.53(mm)
ZZZZZ		04/23/2013 02:36	1		CLP-1 0.53(mm)
ZZZZZ		04/23/2013 02:36	1		CLP-2 0.53(mm)
ZZZZZ		04/23/2013 02:56	5		CLP-1 0.53(mm)
ZZZZZ		04/23/2013 02:56	5		CLP-2 0.53(mm)
ZZZZZ		04/23/2013 03:16	1		CLP-1 0.53(mm)
ZZZZZ		04/23/2013 03:16	1		CLP-2 0.53(mm)
ZZZZZ		04/23/2013 03:36	5		CLP-1 0.53(mm)
ZZZZZ		04/23/2013 03:36	5		CLP-2 0.53(mm)
ZZZZZ		04/23/2013 03:56	1		CLP-1 0.53(mm)
ZZZZZ		04/23/2013 03:56	1		CLP-2 0.53(mm)
ZZZZZ		04/23/2013 04:16	1		CLP-1 0.53(mm)
ZZZZZ		04/23/2013 04:16	1		CLP-2 0.53(mm)
CCV 240-83061/34		04/23/2013 04:36	1		CLP-1 0.53(mm)
CCV 240-83061/34		04/23/2013 04:36	1		CLP-2 0.53(mm)
CCV 240-83061/35		04/23/2013 04:56	1		CLP-1 0.53(mm)
CCV 240-83061/35		04/23/2013 04:56	1		CLP-2 0.53(mm)
CCB 240-83061/36 CCV		04/23/2013 05:17	1		CLP-1 0.53(mm)
CCB 240-83061/36 CCV		04/23/2013 05:17	1		CLP-2 0.53(mm)
ZZZZZ		04/23/2013 05:37	1		CLP-1 0.53(mm)
ZZZZZ		04/23/2013 05:37	1		CLP-2 0.53(mm)
ZZZZZ		04/23/2013 05:57	2		CLP-1 0.53(mm)
ZZZZZ		04/23/2013 05:57	2		CLP-2 0.53(mm)
ZZZZZ		04/23/2013 06:17	2		CLP-1 0.53(mm)
ZZZZZ		04/23/2013 06:17	2		CLP-2 0.53(mm)
ZZZZZ		04/23/2013 06:37	5		CLP-1 0.53(mm)
ZZZZZ		04/23/2013 06:37	5		CLP-2 0.53(mm)
ZZZZZ		04/23/2013 06:57	5		CLP-1 0.53(mm)
ZZZZZ		04/23/2013 06:57	5		CLP-2 0.53(mm)
ZZZZZ		04/23/2013 07:17	20		CLP-1 0.53(mm)
ZZZZZ		04/23/2013 07:17	20		CLP-2 0.53(mm)
ZZZZZ		04/23/2013 07:37	10		CLP-1 0.53(mm)
ZZZZZ		04/23/2013 07:37	10		CLP-2 0.53(mm)
ZZZZZ		04/23/2013 07:58	1		CLP-1 0.53(mm)
ZZZZZ		04/23/2013 07:58	1		CLP-2 0.53(mm)
ZZZZZ		04/23/2013 08:18	1		CLP-1 0.53(mm)
ZZZZZ		04/23/2013 08:18	1		CLP-2 0.53(mm)
CCV 240-83061/46		04/23/2013 08:38	1		CLP-1 0.53(mm)
CCV 240-83061/46		04/23/2013 08:38	1		CLP-2 0.53(mm)
CCV 240-83061/47		04/23/2013 08:58	1		CLP-1 0.53(mm)
CCV 240-83061/47		04/23/2013 08:58	1		CLP-2 0.53(mm)
CCB 240-83061/48 CCV		04/23/2013 09:18	1		CLP-1 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Instrument ID: A2HP3 Start Date: 04/22/2013 18:32

Analysis Batch Number: 83061 End Date: 04/23/2013 09:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCB 240-83061/48 CCV		04/23/2013 09:18	1		CLP-2 0.53(mm)
ZZZZZ		04/23/2013 09:38	1		CLP-1 0.53(mm)
ZZZZZ		04/23/2013 09:38	1		CLP-2 0.53(mm)
PEM 240-83061/50		04/23/2013 09:58	1		CLP-1 0.53(mm)
PEM 240-83061/50		04/23/2013 09:58	1		CLP-2 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Instrument ID: A2HP3 Start Date: 04/24/2013 11:29

Analysis Batch Number: 83400 End Date: 04/25/2013 03:16

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-83400/5 CCVRT		04/24/2013 11:29	1	P3042405.D	CLP-1 0.53(mm)
CCV 240-83400/5 CCVRT		04/24/2013 11:29	1	P3042405.D	CLP-2 0.53(mm)
CCV 240-83400/24		04/24/2013 17:52	1	P3042424.D	CLP-1 0.53(mm)
CCV 240-83400/24		04/24/2013 17:52	1	P3042424.D	CLP-2 0.53(mm)
CCV 240-83400/25		04/24/2013 18:12	1	P3042425.D	CLP-1 0.53(mm)
CCV 240-83400/25		04/24/2013 18:12	1	P3042425.D	CLP-2 0.53(mm)
MRL 240-83400/26		04/24/2013 18:33	1	P3042426.D	CLP-1 0.53(mm)
MRL 240-83400/26		04/24/2013 18:33	1	P3042426.D	CLP-2 0.53(mm)
PEM 240-83400/27		04/24/2013 18:53	1	P3042427.D	CLP-1 0.53(mm)
PEM 240-83400/27		04/24/2013 18:53	1	P3042427.D	CLP-2 0.53(mm)
ZZZZZ		04/24/2013 19:13	1		CLP-1 0.53(mm)
ZZZZZ		04/24/2013 19:13	1		CLP-2 0.53(mm)
ZZZZZ		04/24/2013 19:33	1		CLP-1 0.53(mm)
ZZZZZ		04/24/2013 19:33	1		CLP-2 0.53(mm)
ZZZZZ		04/24/2013 19:53	10		CLP-1 0.53(mm)
ZZZZZ		04/24/2013 19:53	10		CLP-2 0.53(mm)
ZZZZZ		04/24/2013 20:13	1		CLP-1 0.53(mm)
ZZZZZ		04/24/2013 20:13	1		CLP-2 0.53(mm)
ZZZZZ		04/24/2013 20:34	1		CLP-1 0.53(mm)
ZZZZZ		04/24/2013 20:34	1		CLP-2 0.53(mm)
ZZZZZ		04/24/2013 20:54	1		CLP-1 0.53(mm)
ZZZZZ		04/24/2013 20:54	1		CLP-2 0.53(mm)
ZZZZZ		04/24/2013 21:14	1		CLP-1 0.53(mm)
ZZZZZ		04/24/2013 21:14	1		CLP-2 0.53(mm)
ZZZZZ		04/24/2013 21:34	1		CLP-1 0.53(mm)
ZZZZZ		04/24/2013 21:34	1		CLP-2 0.53(mm)
MB 240-83135/18-A		04/24/2013 21:54	1	P3042436.D	CLP-1 0.53(mm)
MB 240-83135/18-A		04/24/2013 21:54	1	P3042436.D	CLP-2 0.53(mm)
LCS 240-83135/19-A		04/24/2013 22:14	1	P3042437.D	CLP-1 0.53(mm)
LCS 240-83135/19-A		04/24/2013 22:14	1	P3042437.D	CLP-2 0.53(mm)
CCV 240-83400/38		04/24/2013 22:35	1	P3042438.D	CLP-1 0.53(mm)
CCV 240-83400/38		04/24/2013 22:35	1	P3042438.D	CLP-2 0.53(mm)
MRL 240-83400/52		04/24/2013 22:55	1	P3042439.D	CLP-1 0.53(mm)
MRL 240-83400/52		04/24/2013 22:55	1	P3042439.D	CLP-2 0.53(mm)
ZZZZZ		04/24/2013 23:15	1		CLP-1 0.53(mm)
ZZZZZ		04/24/2013 23:15	1		CLP-2 0.53(mm)
ZZZZZ		04/24/2013 23:35	1		CLP-1 0.53(mm)
ZZZZZ		04/24/2013 23:35	1		CLP-2 0.53(mm)
ZZZZZ		04/24/2013 23:55	5		CLP-1 0.53(mm)
ZZZZZ		04/24/2013 23:55	5		CLP-2 0.53(mm)
ZZZZZ		04/25/2013 00:15	2		CLP-1 0.53(mm)
ZZZZZ		04/25/2013 00:15	2		CLP-2 0.53(mm)
ZZZZZ		04/25/2013 00:35	5		CLP-1 0.53(mm)
ZZZZZ		04/25/2013 00:35	5		CLP-2 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Instrument ID: A2HP3 Start Date: 04/24/2013 11:29

Analysis Batch Number: 83400 End Date: 04/25/2013 03:16

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/25/2013 00:55	5		CLP-1 0.53(mm)
ZZZZZ		04/25/2013 00:55	5		CLP-2 0.53(mm)
ZZZZZ		04/25/2013 01:16	20		CLP-1 0.53(mm)
ZZZZZ		04/25/2013 01:16	20		CLP-2 0.53(mm)
ZZZZZ		04/25/2013 01:36	20		CLP-1 0.53(mm)
ZZZZZ		04/25/2013 01:36	20		CLP-2 0.53(mm)
ZZZZZ		04/25/2013 01:56	1		CLP-1 0.53(mm)
ZZZZZ		04/25/2013 01:56	1		CLP-2 0.53(mm)
ZZZZZ		04/25/2013 02:16	1		CLP-1 0.53(mm)
ZZZZZ		04/25/2013 02:16	1		CLP-2 0.53(mm)
CCV 240-83400/49		04/25/2013 02:36	1		CLP-1 0.53(mm)
CCV 240-83400/49		04/25/2013 02:36	1		CLP-2 0.53(mm)
CCV 240-83400/50		04/25/2013 02:56	1		CLP-1 0.53(mm)
CCV 240-83400/50		04/25/2013 02:56	1		CLP-2 0.53(mm)
ZZZZZ		04/25/2013 03:16	1		CLP-1 0.53(mm)
ZZZZZ		04/25/2013 03:16	1		CLP-2 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Instrument ID: A2HP3 Start Date: 04/25/2013 08:56

Analysis Batch Number: 83482 End Date: 04/25/2013 15:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PEM 240-83482/4		04/25/2013 08:56	1	P3042504.D	CLP-1 0.53(mm)
PEM 240-83482/4		04/25/2013 08:56	1	P3042504.D	CLP-2 0.53(mm)
CCV 240-83482/5		04/25/2013 09:17	1	P3042505.D	CLP-1 0.53(mm)
CCV 240-83482/5		04/25/2013 09:17	1	P3042505.D	CLP-2 0.53(mm)
CCV 240-83482/6		04/25/2013 09:37	1		CLP-1 0.53(mm)
CCV 240-83482/6		04/25/2013 09:37	1		CLP-2 0.53(mm)
CCV 240-83482/7 CCVRT		04/25/2013 09:57	1	P3042507.D	CLP-1 0.53(mm)
CCV 240-83482/7 CCVRT		04/25/2013 09:57	1	P3042507.D	CLP-2 0.53(mm)
MRL 240-83482/8		04/25/2013 10:17	1	P3042508.D	CLP-1 0.53(mm)
MRL 240-83482/8		04/25/2013 10:17	1	P3042508.D	CLP-2 0.53(mm)
240-22804-4 RE	074SB-0010-0001-SO RE	04/25/2013 10:57	1	P3042510.D	CLP-1 0.53(mm)
240-22804-4 RE	074SB-0010-0001-SO RE	04/25/2013 10:57	1	P3042510.D	CLP-2 0.53(mm)
ZZZZZ		04/25/2013 11:18	1		CLP-1 0.53(mm)
ZZZZZ		04/25/2013 11:18	1		CLP-2 0.53(mm)
CCV 240-83482/12 CCVRT		04/25/2013 11:38	1	P3042512.D	CLP-1 0.53(mm)
CCV 240-83482/12 CCVRT		04/25/2013 11:38	1	P3042512.D	CLP-2 0.53(mm)
ZZZZZ		04/25/2013 11:58	5		CLP-1 0.53(mm)
ZZZZZ		04/25/2013 11:58	5		CLP-2 0.53(mm)
ZZZZZ		04/25/2013 12:18	2		CLP-1 0.53(mm)
ZZZZZ		04/25/2013 12:18	2		CLP-2 0.53(mm)
ZZZZZ		04/25/2013 12:38	5		CLP-1 0.53(mm)
ZZZZZ		04/25/2013 12:38	5		CLP-2 0.53(mm)
ZZZZZ		04/25/2013 12:58	5		CLP-1 0.53(mm)
ZZZZZ		04/25/2013 12:58	5		CLP-2 0.53(mm)
ZZZZZ		04/25/2013 13:19	20		CLP-1 0.53(mm)
ZZZZZ		04/25/2013 13:19	20		CLP-2 0.53(mm)
ZZZZZ		04/25/2013 13:39	20		CLP-1 0.53(mm)
ZZZZZ		04/25/2013 13:39	20		CLP-2 0.53(mm)
ZZZZZ		04/25/2013 13:59	1		CLP-1 0.53(mm)
ZZZZZ		04/25/2013 13:59	1		CLP-2 0.53(mm)
ZZZZZ		04/25/2013 14:19	1		CLP-1 0.53(mm)
ZZZZZ		04/25/2013 14:19	1		CLP-2 0.53(mm)
CCV 240-83482/21		04/25/2013 14:39	1	P3042521.D	CLP-1 0.53(mm)
CCV 240-83482/21		04/25/2013 14:39	1	P3042521.D	CLP-2 0.53(mm)
CCV 240-83482/22		04/25/2013 14:59	1		CLP-1 0.53(mm)
CCV 240-83482/22		04/25/2013 14:59	1		CLP-2 0.53(mm)
MRL 240-83482/23		04/25/2013 15:20	1	P3042523.D	CLP-1 0.53(mm)
MRL 240-83482/23		04/25/2013 15:20	1	P3042523.D	CLP-2 0.53(mm)

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Batch Number: 80943 Batch Start Date: 04/08/13 11:00 Batch Analyst: Mills, Lisa

Batch Method: 3520C Batch End Date: 04/09/13 05:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ReceivedpH	EX2/.2SURRW 00023	EXPSTNPDESSPW 00012	AnalysisComment
240-22804-H-11	079RN-0317-0001-RN	3520C, 8081/DOD	T	1000 mL	5 mL	7	1 mL		assoc w/ 80942
MB 240-80943/2		3520C, 8081/DOD		1000 mL	5 mL	7	1 mL		assoc w/ 80942
LCS 240-80943/3		3520C, 8081/DOD		1000 mL	5 mL	7	1 mL	0.5 mL	

Batch Notes	
Exchange Solvent Lot #	926691
Na2SO4 Lot Number	857428
Prep Solvent Lot #	921743

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.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Batch Number: 81726 Batch Start Date: 04/12/13 14:25 Batch Analyst: Cerne, Amanda

Batch Method: 3540C Batch End Date: 04/13/13 06:25

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EX2/.2SURRW 00023	EXPSTNPDESSPW 00012	AnalysisComment	
240-22804-G-4	074SB-0010-0001-SO	3540C, 8081/DOD	T	30.01 g	10 mL	1 mL		Assoc w/ 81730	
MB 240-81726/21		3540C, 8081/DOD		30.00 g	10 mL	1 mL		Assoc w/ 81730	
LCS 240-81726/22		3540C, 8081/DOD		30.00 g	10 mL	1 mL	1 mL		

Batch Notes	
Balance ID	b037
Exchange Solvent Lot #	926691
Na2SO4 Lot Number	857446
Prep Solvent Lot #	928639

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.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Batch Number: 83135 Batch Start Date: 04/23/13 12:15 Batch Analyst: Shabani, Jawad

Batch Method: 3540C Batch End Date: 04/24/13 04:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EX2/.2SURRW 00023	EXPSTNPDESSPW 00012		
240-22804-G-4	074SB-0010-0001-SO	3540C, 8081/DOD	T	30.28 g	10 mL	1 mL			
MB 240-83135/18		3540C, 8081/DOD		30.00 g	10 mL	1 mL			
LCS 240-83135/19		3540C, 8081/DOD		30.00 g	10 mL	1 mL	1 mL		

Batch Notes	
Balance ID	B036
Exchange Solvent Lot #	926691
Na2SO4 Lot Number	857446
Prep Solvent Lot #	950633

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 8082 DOD

Polychlorinated Biphenyls (PCBs) by Gas Chromatography by Method 8082/DOD

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): CLP-2 ID: 0.53 (mm) GC Column (2): CLP-1 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCB1 #	DCB2 #
074SB-0010-0001-SO	240-22804-4	65	64	66	71
	MB 240-81730/20-A	59	60	62	262 Q
	LCS 240-81730/21-A	80	77	81	88

	QC LIMITS
TCX = Tetrachloro-m-xylene	40-140
DCB = DCB Decachlorobiphenyl	60-125

Column to be used to flag recovery values

FORM II 8082/DOD

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): CLP-2 ID: 0.53 (mm) GC Column (2): CLP-1 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCB1 #	DCB2 #
	MRL 240-82363/4	101	108	119	125
	MRL 240-82363/26	117	130	136 Q	138 Q

	QC LIMITS
TCX = Tetrachloro-m-xylene	50-150
DCB = DCB Decachlorobiphenyl	50-150

Column to be used to flag recovery values

FORM II 8082/DOD

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): CLP-2 ID: 0.53 (mm) GC Column (2): CLP-1 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCB1 #	DCB2 #
079RN-0317-0001-RN	240-22804-11	72	72	63	65
	MB 240-80942/6-A	61	64	65	75
	LCS 240-80942/7-A	71	70	60	67

	QC LIMITS
TCX = Tetrachloro-m-xylene	40-140
DCB = DCB Decachlorobiphenyl	40-135

Column to be used to flag recovery values

FORM II 8082/DOD

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): CLP-2 ID: 0.53 (mm) GC Column (2): CLP-1 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCB1 #	DCB2 #
	MRL 240-81995/10	117	127	126	127
	MRL 240-81995/17	107	116	121	129

	QC LIMITS
TCX = Tetrachloro-m-xylene	50-150
DCB = DCB Decachlorobiphenyl	50-150

Column to be used to flag recovery values

FORM II 8082/DOD

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P4000015.D

Lab ID: LCS 240-80942/7-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Aroclor-1016	5.00	3.95	79	25-145	
Aroclor-1260	5.00	4.16	83	30-145	

Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P4000024.D

Lab ID: LCS 240-81730/21-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor-1016	333	261	78	40-140	
Aroclor-1260	333	284	85	60-130	

Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P4000010.D

Lab ID: MRL 240-81995/10 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Aroclor-1016	0.0500	0.0586	117	70-130	
Aroclor-1016	0.0500	0.0557	111	70-130	
Aroclor-1260	0.0500	0.0537	107	70-130	
Aroclor-1260	0.0500	0.0544	109	70-130	

Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P4000017.D

Lab ID: MRL 240-81995/17 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Aroclor-1016	0.0500	0.0559	112	70-130	
Aroclor-1016	0.0500	0.0506	101	70-130	
Aroclor-1260	0.0500	0.0533	107	70-130	
Aroclor-1260	0.0500	0.0516	103	70-130	

Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P4000004.D

Lab ID: MRL 240-82363/4 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Aroclor-1016	0.0500	0.0497 J	99	70-130	
Aroclor-1016	0.0500	0.0483 J	97	70-130	
Aroclor-1260	0.0500	0.0506	101	70-130	
Aroclor-1260	0.0500	0.0495 J	99	70-130	

Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P4000026.D

Lab ID: MRL 240-82363/26 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Aroclor-1016	0.0500	0.0605	121	70-130	
Aroclor-1016	0.0500	0.0566	113	70-130	
Aroclor-1260	0.0500	0.0587	117	70-130	
Aroclor-1260	0.0500	0.0582	116	70-130	

Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: MB 240-80942/6-A

Matrix: Water Date Extracted: 04/08/2013 09:21

Lab File ID:(1) P4000014.D Lab File ID:(2) P4000014.D

Date Analyzed:(1) 04/15/2013 17:07 Date Analyzed:(2) 04/15/2013 17:07

Instrument ID:(1) A2HP4 Instrument ID:(2) A2HP4

GC Column:(1) CLP-2 ID: 0.53(mm) GC Column:(2) CLP-1 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
079RN-0317-0001-RN	240-22804-11	04/15/2013 16:20	04/15/2013 16:20
	LCS 240-80942/7-A	04/15/2013 17:23	04/15/2013 17:23

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: MB 240-81730/20-A

Matrix: Solid Date Extracted: 04/12/2013 11:18

Lab File ID:(1) P4000013.D Lab File ID:(2) P4000013.D

Date Analyzed:(1) 04/18/2013 12:13 Date Analyzed:(2) 04/18/2013 12:13

Instrument ID:(1) A2HP4 Instrument ID:(2) A2HP4

GC Column:(1) CLP-2 ID: 0.53(mm) GC Column:(2) CLP-1 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
074SB-0010-0001-SO	240-22804-4	04/18/2013 14:34	04/18/2013 14:34
	LCS 240-81730/21-A	04/18/2013 15:05	04/18/2013 15:05

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Sample No.: CCV 240-81995/3 Date Analyzed: 04/15/2013 14:14

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): P4000003.D Heated Purge: (Y/N) N

Calibration ID: 14533

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.27	6.62	
UPPER LIMIT				1.37	6.72	
LOWER LIMIT				1.17	6.52	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-81995/3 CCVRT		04/15/2013 14:14	P4000003.D	1.27	6.62	
240-22804-11	079RN-0317-0001-RN	04/15/2013 16:20	P4000011.D	1.28	6.62	
MB 240-80942/6-A		04/15/2013 17:07	P4000014.D	1.27	6.62	
LCS 240-80942/7-A		04/15/2013 17:23	P4000015.D	1.28	6.62	
CCV 240-81995/16		04/15/2013 17:38	P4000016.D	1.27	6.62	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.1 minutes of surrogate RT
DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082/DOD

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Sample No.: CCV 240-81995/3 Date Analyzed: 04/15/2013 14:14

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): P4000003.D Heated Purge: (Y/N) N

Calibration ID: 14534

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.68	7.84	
UPPER LIMIT				1.78	7.94	
LOWER LIMIT				1.58	7.74	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-81995/3 CCVRT		04/15/2013 14:14	P4000003.D	1.68	7.84	
240-22804-11	079RN-0317-0001-RN	04/15/2013 16:20	P4000011.D	1.68	7.84	
MB 240-80942/6-A		04/15/2013 17:07	P4000014.D	1.68	7.84	
LCS 240-80942/7-A		04/15/2013 17:23	P4000015.D	1.68	7.84	
CCV 240-81995/16		04/15/2013 17:38	P4000016.D	1.68	7.84	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.1 minutes of surrogate RT
DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082/DOD

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Sample No.: CCV 240-82363/3 Date Analyzed: 04/18/2013 09:37

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): P4000003.D Heated Purge: (Y/N) N

Calibration ID: 14533

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.28	6.62	
UPPER LIMIT				1.38	6.72	
LOWER LIMIT				1.18	6.52	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-82363/3 CCVRT		04/18/2013 09:37	P4000003.D	1.28	6.62	
MB 240-81730/20-A		04/18/2013 12:13	P4000013.D	1.28	6.63	
CCV 240-82363/14		04/18/2013 12:29	P4000014.D	1.28	6.62	
240-22804-4	074SB-0010-0001-SO	04/18/2013 14:34	P4000022.D	1.28	6.62	
LCS 240-81730/21-A		04/18/2013 15:05	P4000024.D	1.28	6.62	
CCV 240-82363/25		04/18/2013 15:21	P4000025.D	1.28	6.62	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.1 minutes of surrogate RT
DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082/DOD

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Sample No.: CCV 240-82363/3 Date Analyzed: 04/18/2013 09:37

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): P4000003.D Heated Purge: (Y/N) N

Calibration ID: 14534

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.68	7.84	
UPPER LIMIT				1.78	7.94	
LOWER LIMIT				1.58	7.74	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-82363/3 CCVRT		04/18/2013 09:37	P4000003.D	1.68	7.84	
MB 240-81730/20-A		04/18/2013 12:13	P4000013.D	1.68	7.84	
CCV 240-82363/14		04/18/2013 12:29	P4000014.D	1.68	7.84	
240-22804-4	074SB-0010-0001-SO	04/18/2013 14:34	P4000022.D	1.69	7.84	
LCS 240-81730/21-A		04/18/2013 15:05	P4000024.D	1.68	7.84	
CCV 240-82363/25		04/18/2013 15:21	P4000025.D	1.68	7.84	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.1 minutes of surrogate RT
DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082/DOD

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Sample No.: CCV 240-82762/3 Date Analyzed: 04/19/2013 21:58

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): P4000003.D Heated Purge: (Y/N) N

Calibration ID: 14533

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.28	6.63	
UPPER LIMIT				1.38	6.73	
LOWER LIMIT				1.18	6.53	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-82762/3 CCVRT		04/19/2013 21:58	P4000003.D	1.28	6.63	
CCV 240-82762/13		04/20/2013 00:34	P4000013.D	1.28	6.63	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.1 minutes of surrogate RT
DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082/DOD

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Sample No.: CCV 240-82762/3 Date Analyzed: 04/19/2013 21:58

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): P4000003.D Heated Purge: (Y/N) N

Calibration ID: 14534

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.69	7.85	
UPPER LIMIT				1.79	7.95	
LOWER LIMIT				1.59	7.75	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-82762/3 CCVRT		04/19/2013 21:58	P4000003.D	1.69	7.85	
CCV 240-82762/13		04/20/2013 00:34	P4000013.D	1.69	7.85	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.1 minutes of surrogate RT
DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082/DOD

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-80942/7-A

Instrument ID (1): A2HP4 Instrument ID (2): A2HP4

Date Analyzed (1): 04/15/2013 17:23 Date Analyzed (2): 04/15/2013 17:23

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor-1016	1	1	2.14	2.04	2.24	3.81	3.95	4.7
		2	2.54	2.44	2.64	3.77		
		3	2.99	2.89	3.09	4.24		
		4	3.13	3.03	3.23	3.93		
		5	3.23	3.13	3.33	4.01		
	2	1	1.54	1.44	1.64	3.51	4.14	
		2	1.83	1.72	1.92	3.96		
		3	2.22	2.12	2.32	4.58		
		4	2.34	2.24	2.44	4.39		
		5	2.72	2.61	2.81	4.28		
Aroclor-1260	1	1	4.94	4.84	5.04	3.95	4.16	3.5
		2	5.17	5.07	5.27	4.11		
		3	5.54	5.44	5.64	4.19		
		4	6.22	6.12	6.32	4.29		
		5	6.61	6.50	6.70	4.28		
	2	1	3.91	3.81	4.01	3.93	4.31	
		2	4.20	4.10	4.30	4.01		
		3	4.48	4.38	4.58	4.25		
		4	5.18	5.08	5.28	4.46		
		5	5.46	5.36	5.56	4.92		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-81730/21-A

Instrument ID (1): A2HP4 Instrument ID (2): A2HP4

Date Analyzed (1): 04/18/2013 15:05 Date Analyzed (2): 04/18/2013 15:05

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor-1016	1	1	2.15	2.05	2.25	242	261	3.7
		2	2.54	2.44	2.64	245		
		3	2.99	2.89	3.09	286		
		4	3.13	3.03	3.23	262		
		5	3.24	3.14	3.34	270		
	2	1	1.55	1.45	1.65	235	271	
		2	1.83	1.73	1.93	262		
		3	2.22	2.12	2.32	299		
		4	2.34	2.24	2.44	286		
		5	2.72	2.62	2.82	270		
Aroclor-1260	1	1	4.95	4.84	5.04	265	284	6.2
		2	5.17	5.08	5.28	266		
		3	5.54	5.44	5.64	287		
		4	6.23	6.13	6.33	296		
		5	6.61	6.51	6.71	305		
	2	1	3.92	3.82	4.02	277	302	
		2	4.20	4.10	4.30	290		
		3	4.48	4.38	4.58	306		
		4	5.18	5.08	5.28	305		
		5	5.47	5.37	5.57	332		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Client Sample ID: 074SB-0010-0001-SO Lab Sample ID: 240-22804-4

Matrix: Solid Lab File ID: P4000022.D

Analysis Method: 8082/DOD Date Collected: 04/03/2013 11:40

Extraction Method: 3540C Date Extracted: 04/12/2013 11:18

Sample wt/vol: 30.01(g) Date Analyzed: 04/18/2013 14:34

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 82363 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	64		40-140
2051-24-3	DCB Decachlorobiphenyl	71		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000022.D		
Lims ID:	240-22804-G-4-B	Client ID:	074SB-0010-0001-SO
Inject. Date:	18-Apr-2013 14:34:22	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018971-022		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	22
Lims Batch ID:	82363	Lims Sample ID:	22
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130417-18971.b\PCB4.m		
Last Update:	19-Apr-2013 14:48:03	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 14:44:45

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	1.275	0.002	20193115	0.0128			
2	2	1.685	1.683	0.002	20430122	0.0129			
						RPD = 1.53			
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	2		1.827						
1	3		2.219						
1	4		2.339						
1	5		2.717						
2	6		2.145						
2	7		2.541						
2	8		2.993						
2	9		3.131						
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						

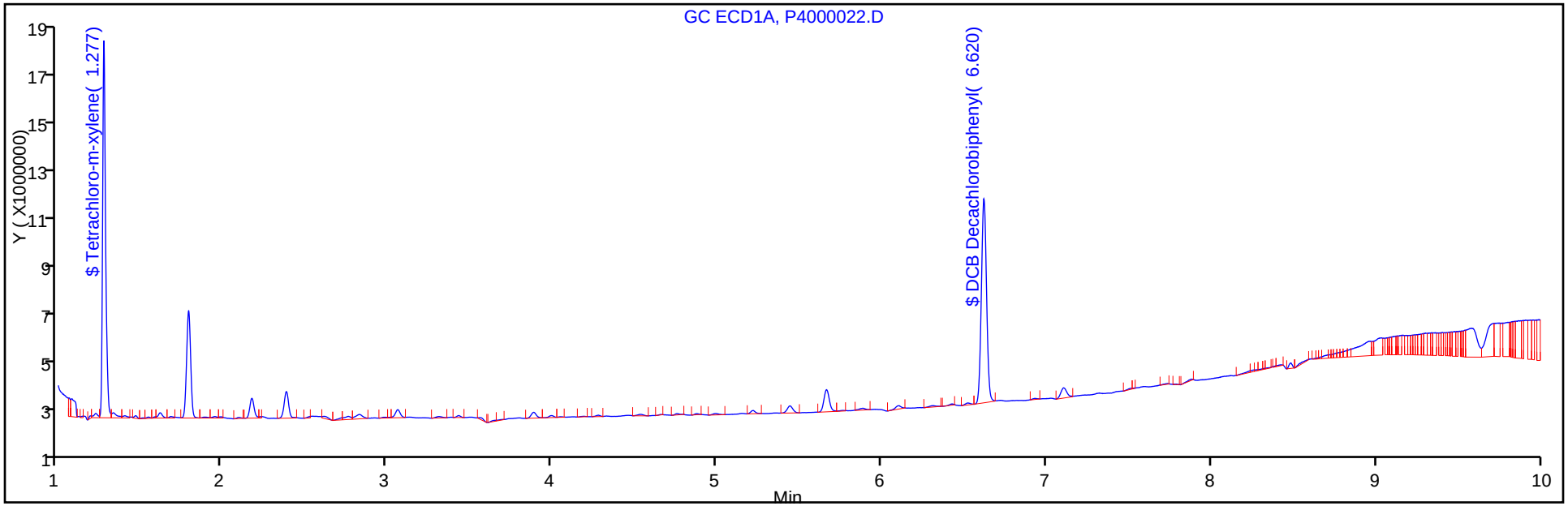
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.916						
1	2		4.203						
1	3		4.483						
1	4		5.184						
1	5		5.467						
2	6		4.944						
2	7		5.175						
2	8		5.543						
2	9		6.228						
2	10		6.609						
$ 12 DCB Decachlorobiphenyl									
1	100	6.620	6.619	0.001	18833783	0.0141			
2	2	7.844	7.843	0.001	19285243	0.0132			
						RPD = 6.33			

Report Date: 19-Apr-2013 14:48:07 Chrom Revision: 2.0 01-Apr-2013 21:16:10

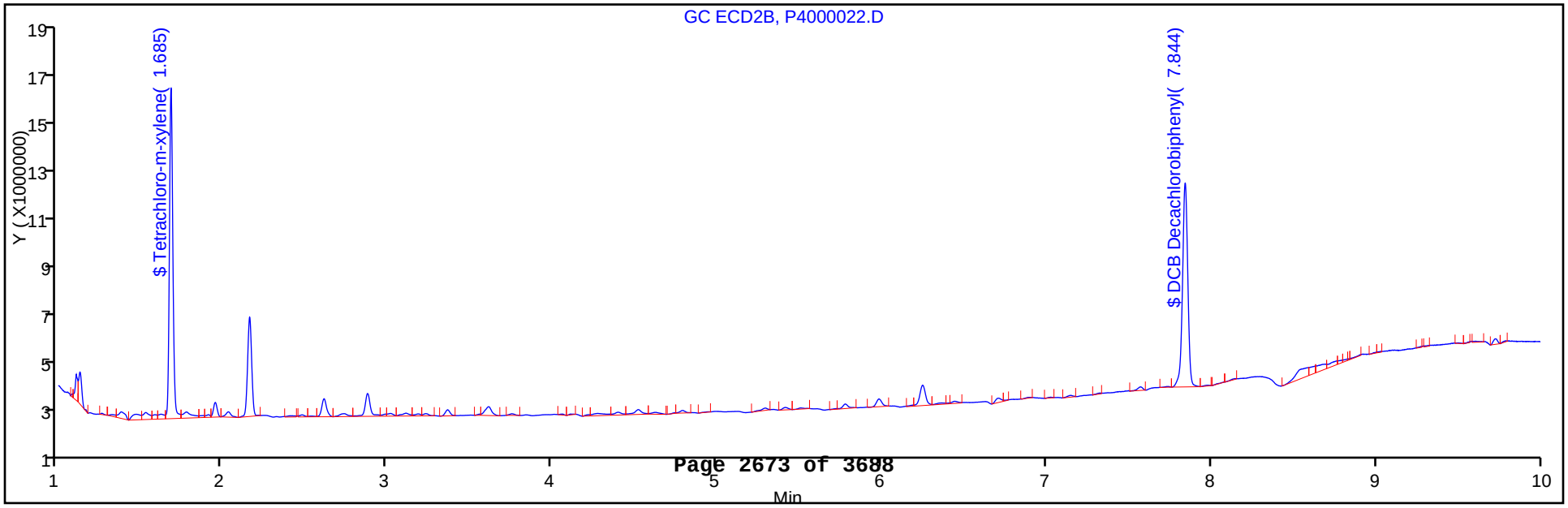
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000022.D		
Injection Date:	18-Apr-2013 14:34:22	Limit Group:	GC 8082A ICAL
Client ID:	074SB-0010-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82363	Lims Sample ID:	22
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.: 240-22804-1

SDG No.:

Client Sample ID: 074SB-0010-0001-SO Lab Sample ID: 240-22804-4

Matrix: Solid Lab File ID: P4000022.D

Analysis Method: 8082/DOD Date Collected: 04/03/2013 11:40

Extraction Method: 3540C Date Extracted: 04/12/2013 11:18

Sample wt/vol: 30.01(g) Date Analyzed: 04/18/2013 14:34

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 82363 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	29	U	59	29	19
12674-11-2	Aroclor-1016	29	U	77	29	25
11141-16-5	Aroclor-1232	29	U	53	29	16
53469-21-9	Aroclor-1242	29	U	47	29	15
12672-29-6	Aroclor-1248	29	U	65	29	20
11097-69-1	Aroclor-1254	29	U	65	29	20
11096-82-5	Aroclor-1260	29	U	65	29	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	65		40-140
2051-24-3	DCB Decachlorobiphenyl	66		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000022.D		
Lims ID:	240-22804-G-4-B	Client ID:	074SB-0010-0001-SO
Inject. Date:	18-Apr-2013 14:34:22	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018971-022		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	22
Lims Batch ID:	82363	Lims Sample ID:	22
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130417-18971.b\PCB4.m		
Last Update:	19-Apr-2013 14:48:03	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 14:44:45

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	1.275	0.002	20193115	0.0128			
2	2	1.685	1.683	0.002	20430122	0.0129			
						RPD = 1.53			
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	2		1.827						
1	3		2.219						
1	4		2.339						
1	5		2.717						
2	6		2.145						
2	7		2.541						
2	8		2.993						
2	9		3.131						
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		3.916						
1	2		4.203						
1	3		4.483						
1	4		5.184						
1	5		5.467						
2	6		4.944						
2	7		5.175						
2	8		5.543						
2	9		6.228						
2	10		6.609						
$ 12 DCB Decachlorobiphenyl									
1	100	6.620	6.619	0.001	18833783	0.0141			
2	2	7.844	7.843	0.001	19285243	0.0132			
						RPD = 6.33			

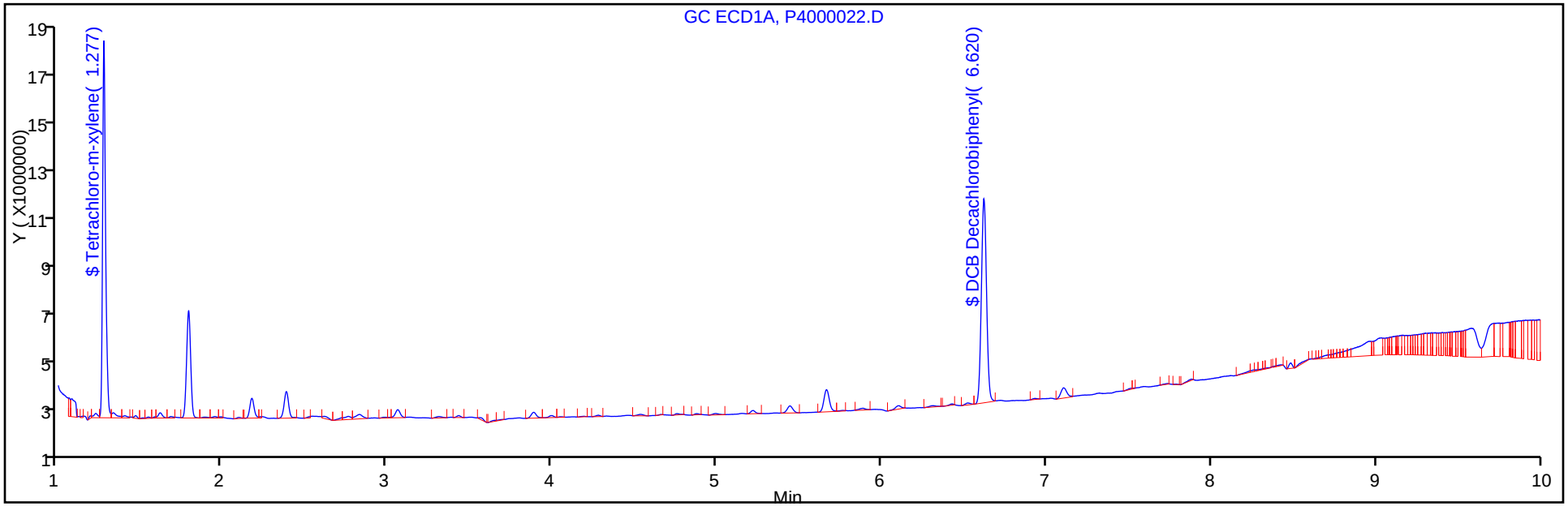
Report Date: 19-Apr-2013 14:48:07 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

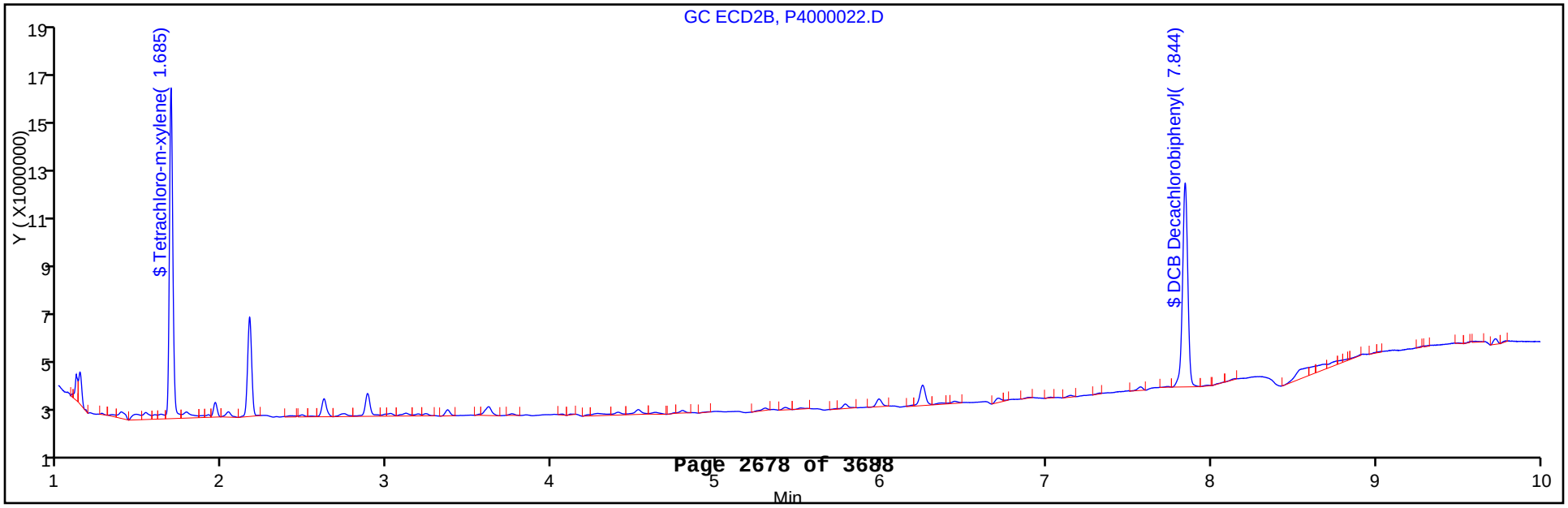
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000022.D

Injection Date:	18-Apr-2013 14:34:22	Limit Group:	GC 8082A ICAL
Client ID:	074SB-0010-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82363	Lims Sample ID:	22
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.: 240-22804-1

SDG No.:

Client Sample ID: 079RN-0317-0001-RN Lab Sample ID: 240-22804-11

Matrix: Water Lab File ID: P4000011.D

Analysis Method: 8082/DOD Date Collected: 04/03/2013 15:00

Extraction Method: 3520C Date Extracted: 04/08/2013 09:21

Sample wt/vol: 1000(mL) Date Analyzed: 04/15/2013 16:20

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.: 81995 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	72		40-140
2051-24-3	DCB Decachlorobiphenyl	65		40-135

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130415-18879.b\P4000011.D		
Lims ID:	240-22804-H-11-A	Client ID:	079RN-0317-0001-RN
Inject. Date:	15-Apr-2013 16:20:29	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018879-011		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	11
Lims Batch ID:	81995	Lims Sample ID:	11
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130415-18879.b\PCB4.m		
Last Update:	16-Apr-2013 08:56:39	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:	XAWRK021		

First Level Reviewer: hassl Date: 16-Apr-2013 08:52:36

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.278	1.273	0.005	45671035	0.0288			
2	2	1.684	1.679	0.005	45154245	0.0286			
						RPD = 0.77			
3 PCB-1221									
1	2		1.404						
1	3		1.512						
1	4		1.542						
2	4		1.954						
2	5		2.086						
2	6		2.142						
6 PCB-1016									
1	100		1.542						
1	2		1.824						
1	3		2.215						
1	4		2.335						
1	5		2.714						
2	6		2.140						
2	7		2.536						
2	8		2.987						
2	9		3.126						
2	10		3.229						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5	PCB-1242								
1	100		1.543						
1	2		1.824						
1	3		2.215						
1	4		2.336						
1	5		2.714						
2	6		2.141						
2	7		2.537						
2	8		2.989						
2	9		3.127						
2	10		3.737						
4	PCB-1232								
1	100		1.543						
1	2		1.825						
1	3		2.216						
1	4		2.337						
1	5		2.715						
2	6		2.143						
2	7		2.538						
2	8		2.989						
2	9		3.128						
2	10		3.737						
7	PCB-1248								1
1	86		1.823						
1	2		2.214						
1	3		2.714						
1	4		3.293						
1	5		3.724						
2	6		2.535						
2	7		2.988						
2	8		3.735						
2	9		4.011						
2	10		4.733						
8	PCB-1254								1
1	100		3.337						
1	2		3.724						
1	3		4.008						
1	4		4.196						
1	5		4.480						
2	6		4.257						
2	7		4.733						
2	8		4.978						
2	9		5.339						
2	10		5.541						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									1
1	100		3.912						
1	2		4.198						
1	3		4.479						
1	4		5.179						
1	5		5.463						
2	6		4.939						
2	7		5.169						
2	8		5.538						
2	9		6.222						
2	10		6.604						
$ 12 DCB Decachlorobiphenyl									
1	100	6.616	6.615	0.001	34935940	0.0262			
2	2	7.839	7.838	0.001	36839660	0.0253			
						RPD = 3.40			

QC Flag Legend

Processing Flags
1 - Missing Peaks

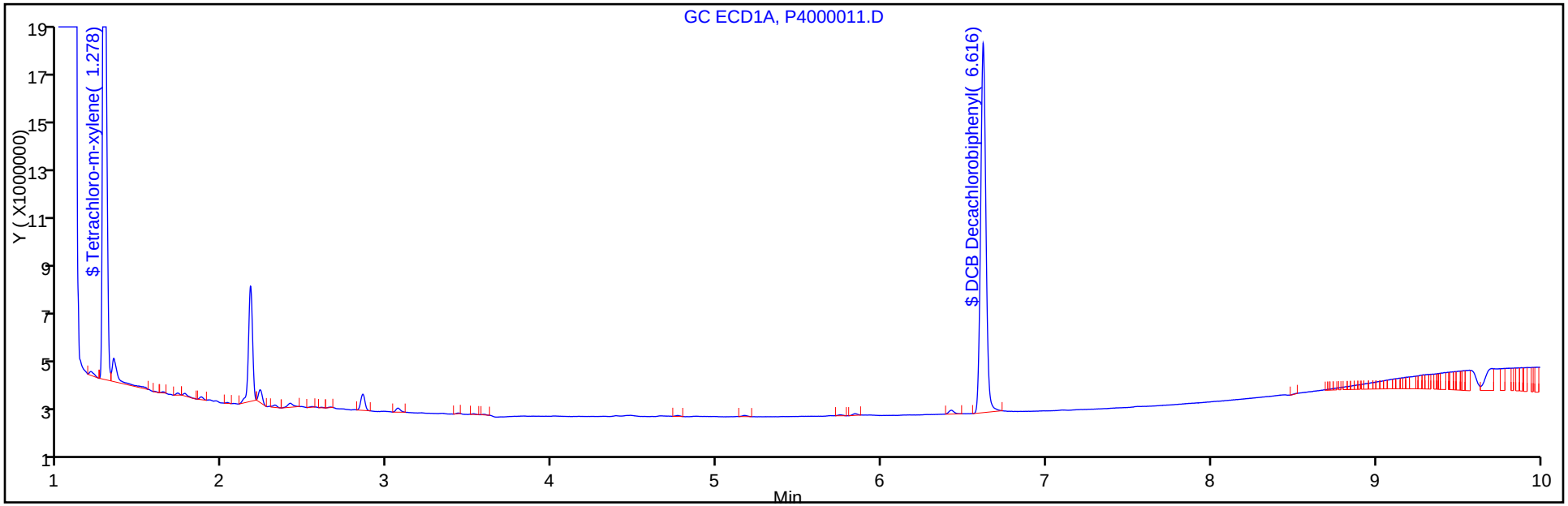
Report Date: 16-Apr-2013 08:56:40 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

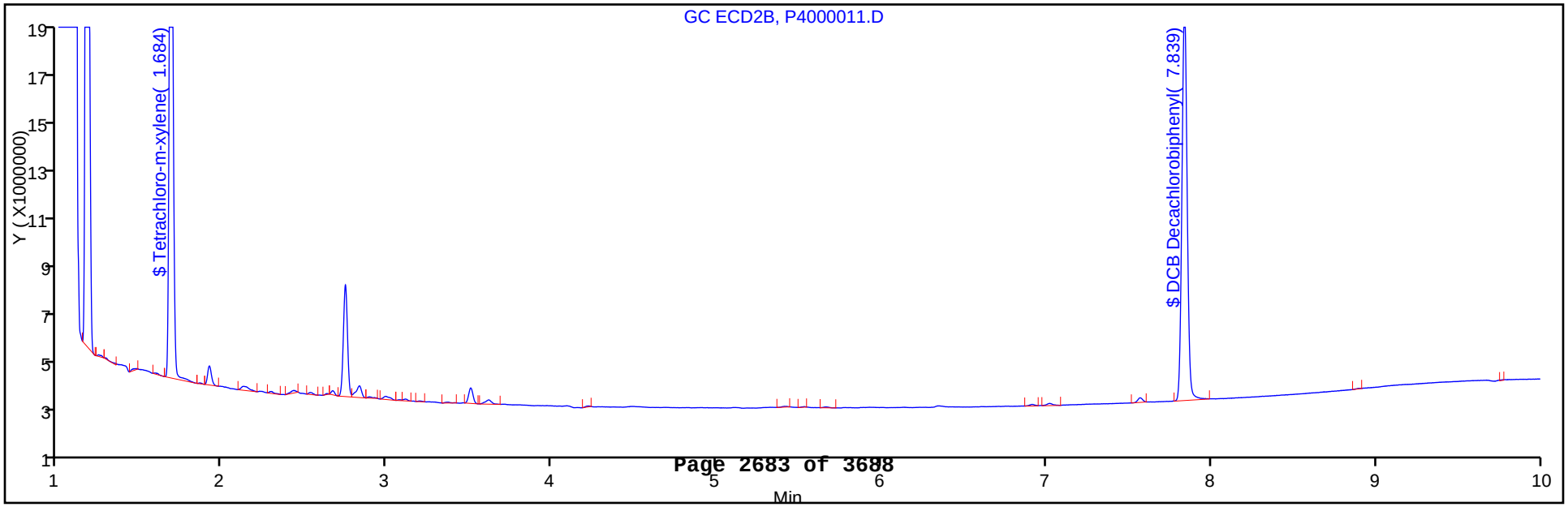
Data File: \\Ncchrom\ChromData\A2HP4\20130415-18879.b\P4000011.D

Injection Date:	15-Apr-2013 16:20:29	Limit Group:	GC 8082A ICAL
Client ID:	079RN-0317-0001-RN	Instrument ID:	A2HP4
Lims Batch ID:	81995	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.: 240-22804-1

SDG No.:

Client Sample ID: 079RN-0317-0001-RN | Lab Sample ID: 240-22804-11

Matrix: Water | Lab File ID: P4000011.D

Analysis Method: 8082/DOD | Date Collected: 04/03/2013 15:00

Extraction Method: 3520C | Date Extracted: 04/08/2013 09:21

Sample wt/vol: 1000(mL) | Date Analyzed: 04/15/2013 16:20

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.: 81995 | 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	72		40-140
2051-24-3	DCB Decachlorobiphenyl	63		40-135

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130415-18879.b\P4000011.D		
Lims ID:	240-22804-H-11-A	Client ID:	079RN-0317-0001-RN
Inject. Date:	15-Apr-2013 16:20:29	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018879-011		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	11
Lims Batch ID:	81995	Lims Sample ID:	11
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130415-18879.b\PCB4.m		
Last Update:	16-Apr-2013 08:56:39	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:	XAWRK021		

First Level Reviewer: hassl Date: 16-Apr-2013 08:52:36

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.278	1.273	0.005	45671035	0.0288			
2	2	1.684	1.679	0.005	45154245	0.0286			
						RPD = 0.77			
3 PCB-1221									
1	2		1.404						
1	3		1.512						
1	4		1.542						
2	4		1.954						
2	5		2.086						
2	6		2.142						
6 PCB-1016									
1	100		1.542						
1	2		1.824						
1	3		2.215						
1	4		2.335						
1	5		2.714						
2	6		2.140						
2	7		2.536						
2	8		2.987						
2	9		3.126						
2	10		3.229						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.543						
1	2		1.824						
1	3		2.215						
1	4		2.336						
1	5		2.714						
2	6		2.141						
2	7		2.537						
2	8		2.989						
2	9		3.127						
2	10		3.737						
4 PCB-1232									
1	100		1.543						
1	2		1.825						
1	3		2.216						
1	4		2.337						
1	5		2.715						
2	6		2.143						
2	7		2.538						
2	8		2.989						
2	9		3.128						
2	10		3.737						
7 PCB-1248									1
1	86		1.823						
1	2		2.214						
1	3		2.714						
1	4		3.293						
1	5		3.724						
2	6		2.535						
2	7		2.988						
2	8		3.735						
2	9		4.011						
2	10		4.733						
8 PCB-1254									1
1	100		3.337						
1	2		3.724						
1	3		4.008						
1	4		4.196						
1	5		4.480						
2	6		4.257						
2	7		4.733						
2	8		4.978						
2	9		5.339						
2	10		5.541						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									1
1	100		3.912						
1	2		4.198						
1	3		4.479						
1	4		5.179						
1	5		5.463						
2	6		4.939						
2	7		5.169						
2	8		5.538						
2	9		6.222						
2	10		6.604						
$ 12 DCB Decachlorobiphenyl									
1	100	6.616	6.615	0.001	34935940	0.0262			
2	2	7.839	7.838	0.001	36839660	0.0253			
						RPD = 3.40			

QC Flag Legend

Processing Flags
1 - Missing Peaks

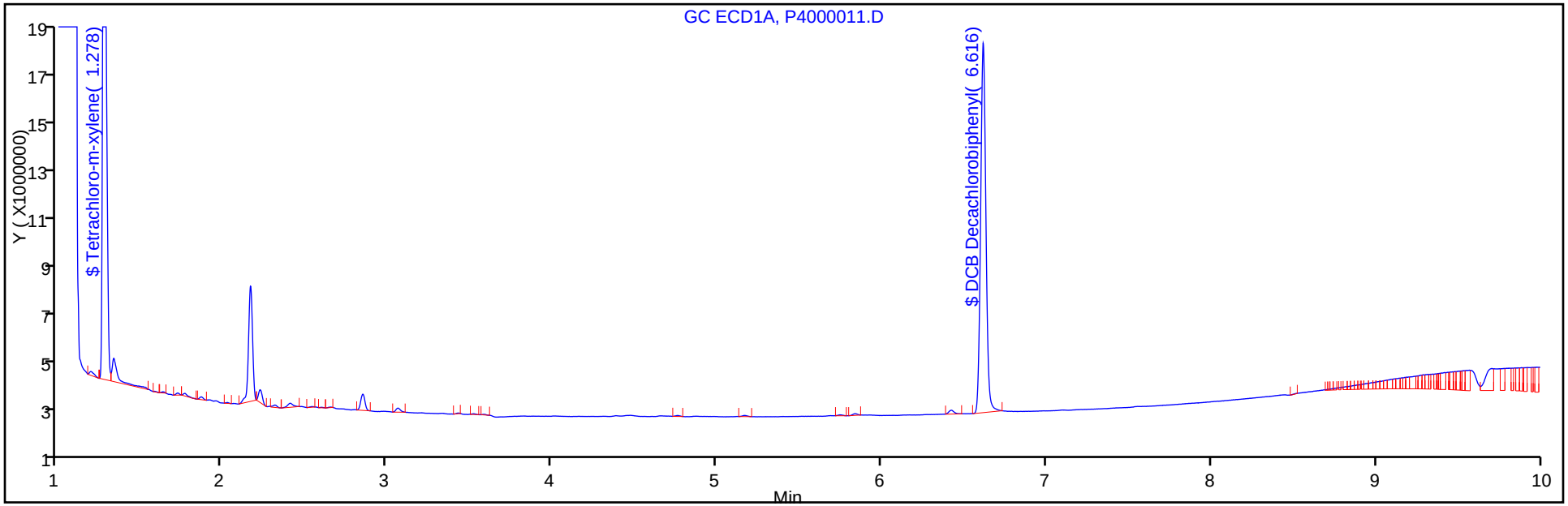
Report Date: 16-Apr-2013 08:56:40 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

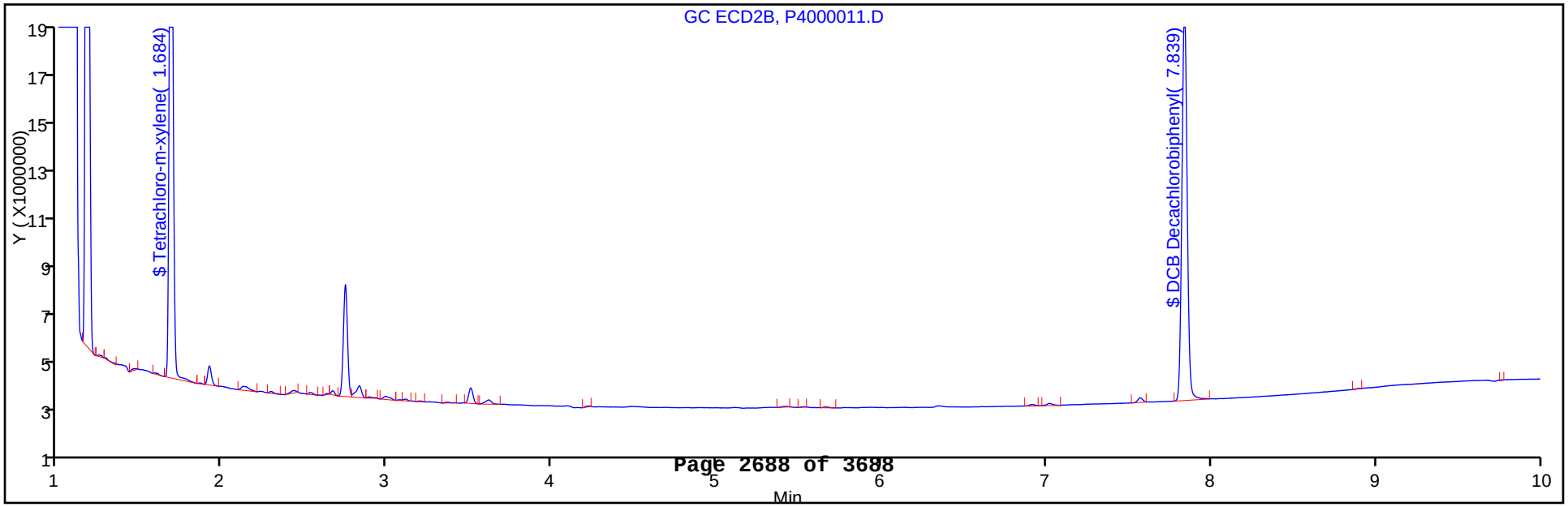
Data File: \\Ncchrom\ChromData\A2HP4\20130415-18879.b\P4000011.D

Injection Date:	15-Apr-2013 16:20:29	Limit Group:	GC 8082A ICAL
Client ID:	079RN-0317-0001-RN	Instrument ID:	A2HP4
Lims Batch ID:	81995	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 VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1 Analy Batch No.: 81761

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2013 23:42 Calibration End Date: 04/15/2013 01:00 Calibration ID: 14509

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-81761/3	P4000003.D
Level 2	STD01 240-81761/4	P4000004.D
Level 3	STD02 240-81761/5	P4000005.D
Level 4	STD05 240-81761/6	P4000006.D
Level 5	STD1 240-81761/7	P4000007.D
Level 6	STD2 240-81761/8	P4000008.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1232 Peak 1	1.538	1.538	1.539	1.539	1.539	1.538					1.438 - 1.638	1.539
PCB-1232 Peak 2	1.820	1.820	1.821	1.821	1.821	1.821					1.720 - 1.920	1.821
PCB-1232 Peak 3	2.210	2.211	2.211	2.211	2.213	2.211					2.110 - 2.310	2.211
PCB-1232 Peak 4	2.330	2.331	2.332	2.332	2.332	2.331					2.230 - 2.430	2.331
PCB-1232 Peak 5	2.707	2.709	2.709	2.710	2.709	2.708					2.607 - 2.807	2.709

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-22804-1 Analy Batch No.: 81761

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2013 23:42 Calibration End Date: 04/15/2013 01:00 Calibration ID: 14509

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-81761/3	P4000003.D
Level 2	STD01 240-81761/4	P4000004.D
Level 3	STD02 240-81761/5	P4000005.D
Level 4	STD05 240-81761/6	P4000006.D
Level 5	STD1 240-81761/7	P4000007.D
Level 6	STD2 240-81761/8	P4000008.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								
PCB-1232 Peak 1	34691800 27056868	32818030 25878490	31171920	28251988	Ave		29978182.7				12.0		20.0			
PCB-1232 Peak 2	24420280 18766909	25395130 18136280	23820215	19737064	Ave		21712646.3				15.0		20.0			
PCB-1232 Peak 3	43703860 38931784	41496490 39453239	39555920	39098008	Ave		40373216.8				4.6		20.0			
PCB-1232 Peak 4	18512220 17039321	16713830 16969340	17382515	17509480	Ave		17354450.9				3.7		20.0			
PCB-1232 Peak 5	17975600 15263717	16238410 15003728	17032815	15707798	Ave		16203677.9				7.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-22804-1 Analy Batch No.: 81761

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2013 23:42 Calibration End Date: 04/15/2013 01:00 Calibration ID: 14509

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-81761/3	P4000003.D
Level 2	STD01 240-81761/4	P4000004.D
Level 3	STD02 240-81761/5	P4000005.D
Level 4	STD05 240-81761/6	P4000006.D
Level 5	STD1 240-81761/7	P4000007.D
Level 6	STD2 240-81761/8	P4000008.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1232 Peak 1	Ave	1734590 51756980	3281803	6234384	14125994	27056868	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 2	Ave	1221014 36272560	2539513	4764043	9868532	18766909	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 3	Ave	2185193 78906477	4149649	7911184	19549004	38931784	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 4	Ave	925611 33938679	1671383	3476503	8754740	17039321	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 5	Ave	898780 30007455	1623841	3406563	7853899	15263717	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:

Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000003.D
Lims ID: STD005 1232 Client ID:
Inject. Date: 14-Apr-2013 23:42:10 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0018824-003
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 3
Lims Batch ID: 81761 Lims Sample ID: 3
Sublist: chrom-PCB4*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:34 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
4 PCB-1232									
1	100	1.538	1.538	0.000	1734590	0.0579		100.0	
1	2	1.820	1.820	0.000	1221014	0.0562	51.4- 101.4	70.4	
1	3	2.210	2.210	0.000	2185193	0.0541	101.9- 151.9	126.0	
1	4	2.330	2.330	0.000	925611	0.0533	30.8- 80.8	53.4	
1	5	2.707	2.707	0.000	898780	0.0555	29.6- 79.6	51.8	
			Average of Peak Amounts =			0.0554			
2	6	2.136	2.136	0.000	1715989	0.0588		100.0	
2	7	2.531	2.531	0.000	1423247	0.0600	47.8- 107.8	82.9	
2	8	2.980	2.980	0.000	2325881	0.0547	111.9- 171.9	135.5	
2	9	3.120	3.120	0.000	1232586	0.0618	36.1- 96.1	71.8	
2	10	3.727	3.727	0.000	895382	0.0575	20.4- 80.4	52.2	
			Average of Peak Amounts =			0.0585			
						RPD = 5.51			

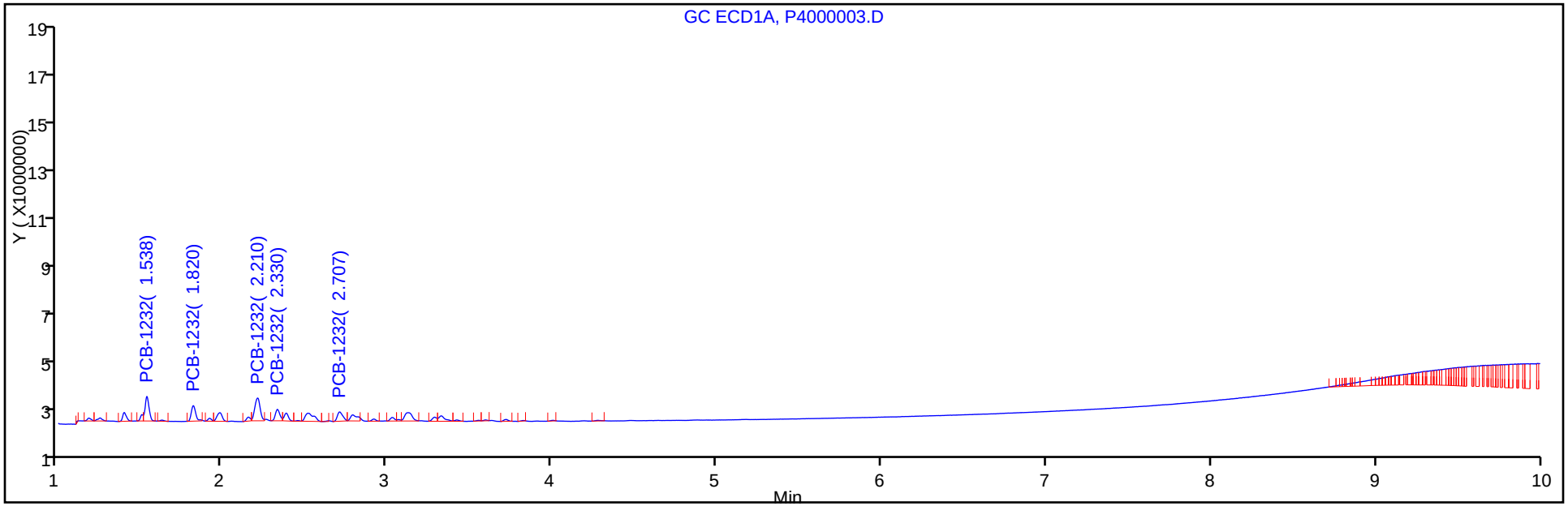
Report Date: 15-Apr-2013 13:04:35 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

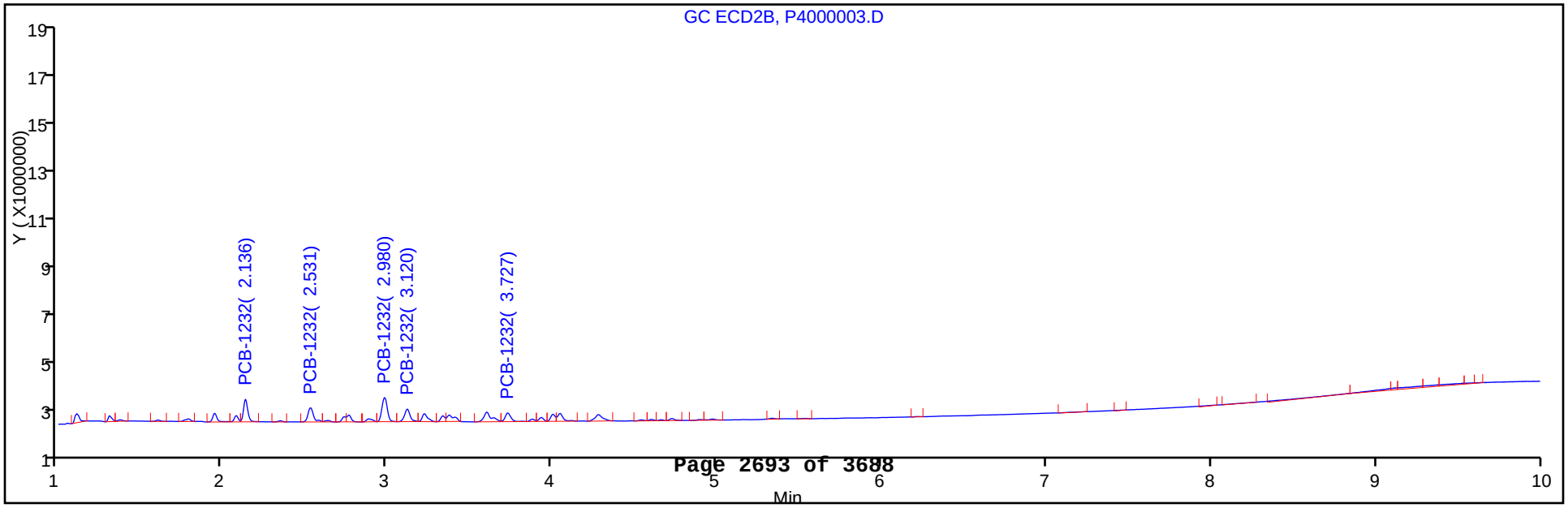
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000003.D

Injection Date:	14-Apr-2013 23:42:10	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000004.D
Lims ID: STD01 1232 Client ID:
Inject. Date: 14-Apr-2013 23:57:54 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0018824-004
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 4
Lims Batch ID: 81761 Lims Sample ID: 4
Sublist: chrom-PCB4*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:36 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
4 PCB-1232									
1	100	1.538	1.538	0.000	3281803	0.1095		100.0	
1	2	1.820	1.820	0.000	2539513	0.1170	51.4- 101.4	77.4	
1	3	2.211	2.210	0.001	4149649	0.1028	101.9- 151.9	126.4	
1	4	2.331	2.330	0.001	1671383	0.0963	30.8- 80.8	50.9	
1	5	2.709	2.707	0.002	1623841	0.1002	29.6- 79.6	49.5	
			Average of Peak Amounts =			0.1051			
2	6	2.137	2.136	0.001	3186451	0.1091		100.0	
2	7	2.532	2.531	0.001	2748679	0.1158	47.8- 107.8	86.3	
2	8	2.983	2.980	0.003	4441797	0.1044	111.9- 171.9	139.4	
2	9	3.122	3.120	0.002	2170154	0.1088	36.1- 96.1	68.1	
2	10	3.730	3.727	0.003	1667373	0.1071	20.4- 80.4	52.3	
			Average of Peak Amounts =			0.1090			
						RPD = 3.64			

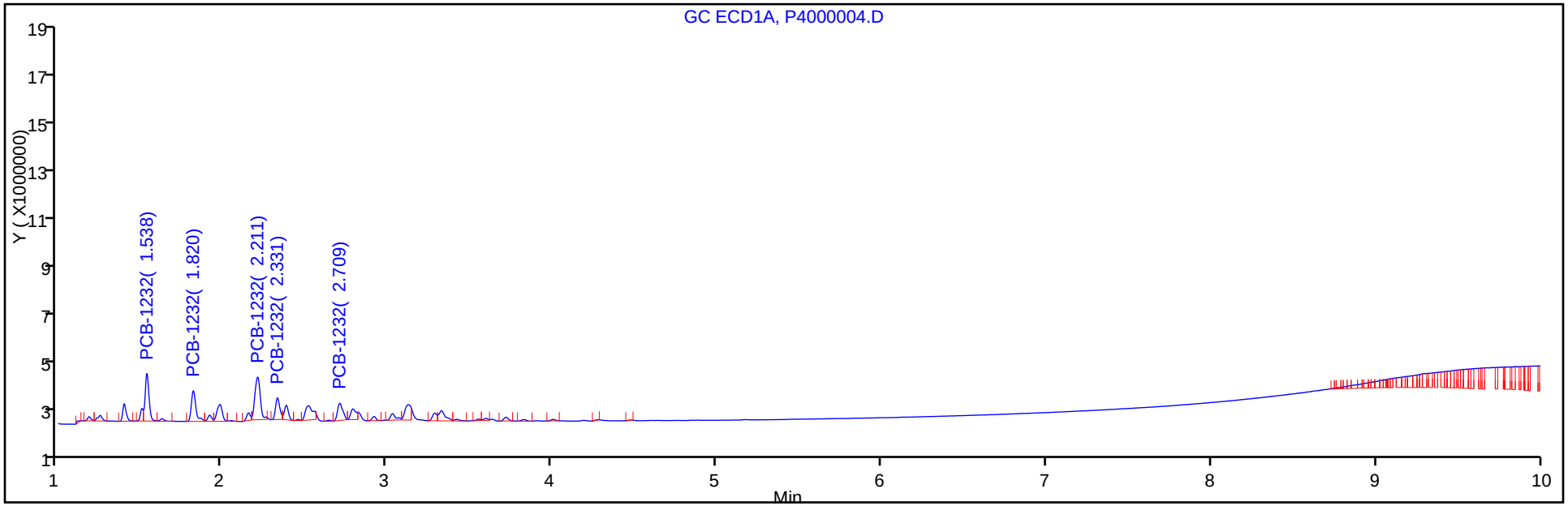
Report Date: 15-Apr-2013 13:04:36 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

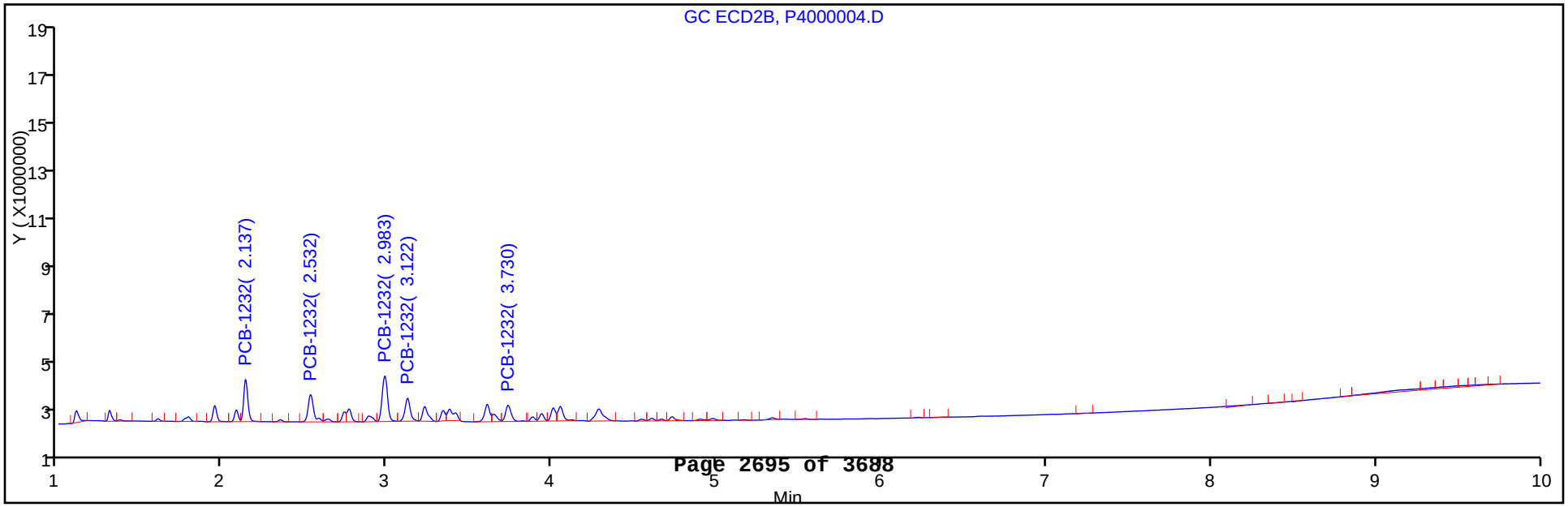
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000004.D

Injection Date:	14-Apr-2013 23:57:54	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000005.D
Lims ID: STD02 1232 Client ID:
Inject. Date: 15-Apr-2013 00:13:40 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0018824-005
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 81761 Lims Sample ID: 5
Sublist: chrom-PCB4*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:37 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
4 PCB-1232									
1	100	1.539	1.538	0.001	6234384	0.2080		100.0	
1	2	1.821	1.820	0.001	4764043	0.2194	51.4- 101.4	76.4	
1	3	2.211	2.210	0.001	7911184	0.1960	101.9- 151.9	126.9	
1	4	2.332	2.330	0.002	3476503	0.2003	30.8- 80.8	55.8	
1	5	2.709	2.707	0.002	3406563	0.2102	29.6- 79.6	54.6	
			Average of Peak Amounts =			0.2068			
2	6	2.138	2.136	0.002	5943640	0.2036		100.0	
2	7	2.533	2.531	0.002	4621768	0.1948	47.8- 107.8	77.8	
2	8	2.984	2.980	0.004	8433984	0.1982	111.9- 171.9	141.9	
2	9	3.122	3.120	0.002	3930765	0.1971	36.1- 96.1	66.1	
2	10	3.732	3.727	0.005	2996608	0.1924	20.4- 80.4	50.4	
			Average of Peak Amounts =			0.1972			
						RPD = 4.73			

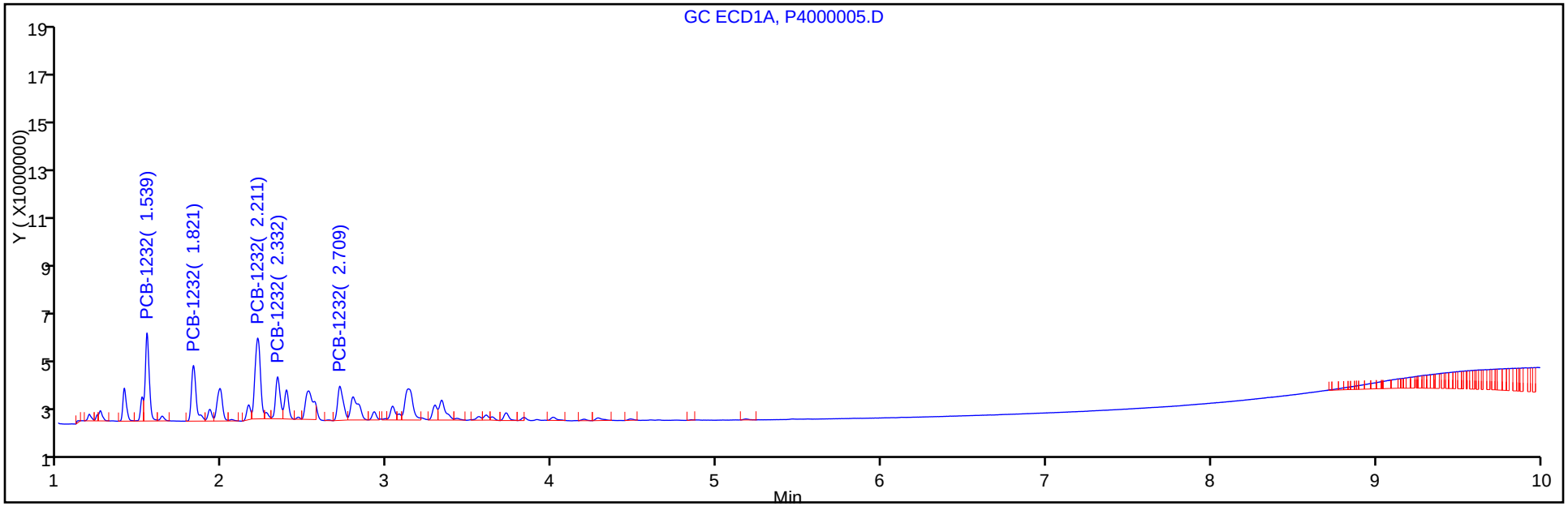
Report Date: 15-Apr-2013 13:04:38 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

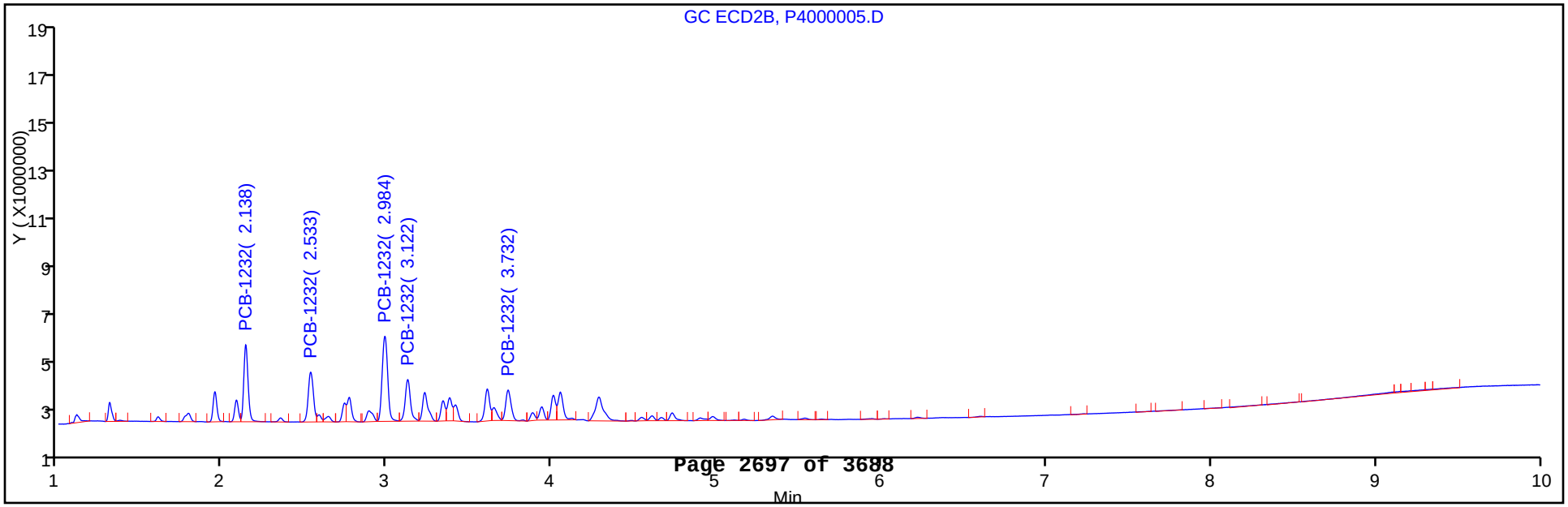
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000005.D

Injection Date:	15-Apr-2013 00:13:40	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	5
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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000006.D
Lims ID: STD05 1232 Client ID:
Inject. Date: 15-Apr-2013 00:29:19 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0018824-006
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 81761 Lims Sample ID: 6
Sublist: chrom-PCB4*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:38 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
4 PCB-1232									
1	100	1.539	1.538	0.001	14125994	0.4712		100.0	
1	2	1.821	1.820	0.001	9868532	0.4545	51.4- 101.4	69.9	
1	3	2.211	2.210	0.001	19549004	0.4842	101.9- 151.9	138.4	
1	4	2.332	2.330	0.002	8754740	0.5045	30.8- 80.8	62.0	
1	5	2.710	2.707	0.003	7853899	0.4847	29.6- 79.6	55.6	
			Average of Peak Amounts =			0.4798			
2	6	2.139	2.136	0.003	13574790	0.4649		100.0	
2	7	2.534	2.531	0.003	11644076	0.4907	47.8- 107.8	85.8	
2	8	2.985	2.980	0.005	20093090	0.4722	111.9- 171.9	148.0	
2	9	3.123	3.120	0.003	8887201	0.4457	36.1- 96.1	65.5	
2	10	3.733	3.727	0.006	7197440	0.4622	20.4- 80.4	53.0	
			Average of Peak Amounts =			0.4671			
						RPD = 2.68			

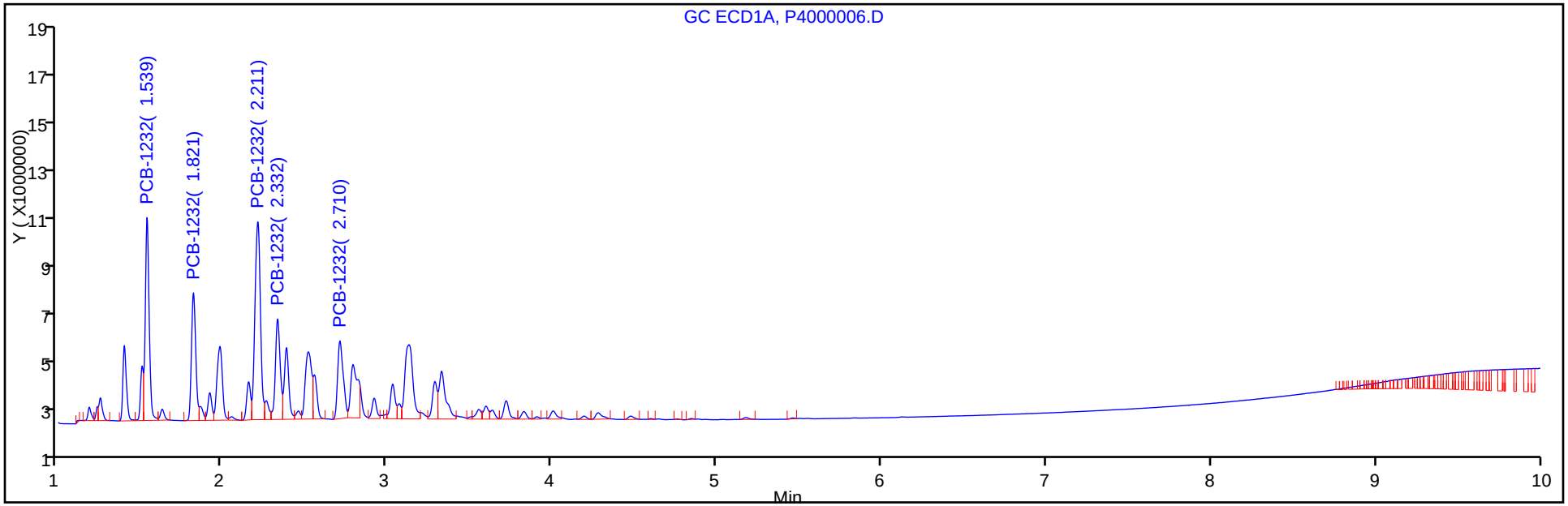
Report Date: 15-Apr-2013 13:04:39 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

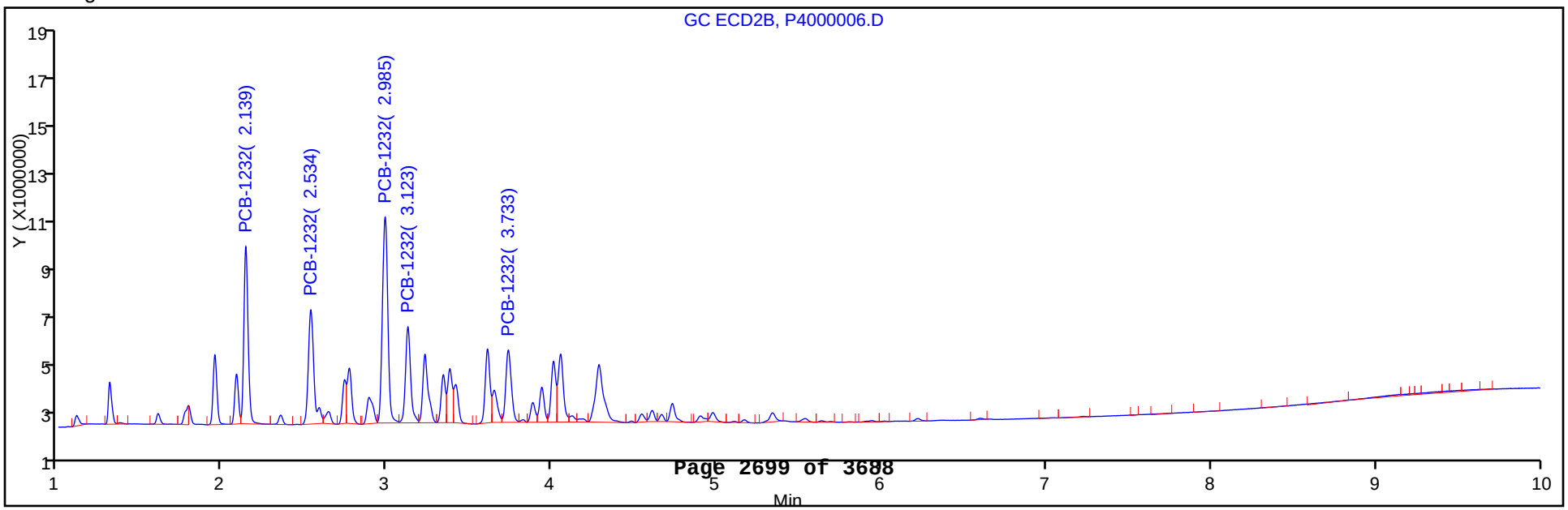
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000006.D

Injection Date:	15-Apr-2013 00:29:19	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	6
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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000007.D
Lims ID: STD1 1232 Client ID:
Inject. Date: 15-Apr-2013 00:44:57 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0018824-007
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 81761 Lims Sample ID: 7
Sublist: chrom-PCB4*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:40 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
4 PCB-1232									
1	100	1.539	1.538	0.001	27056868	0.9026		100.0	
1	2	1.821	1.820	0.001	18766909	0.8643	51.4- 101.4	69.4	
1	3	2.213	2.210	0.003	38931784	0.9643	101.9- 151.9	143.9	
1	4	2.332	2.330	0.002	17039321	0.9818	30.8- 80.8	63.0	
1	5	2.709	2.707	0.002	15263717	0.9420	29.6- 79.6	56.4	
			Average of Peak Amounts =			0.9310			
2	6	2.138	2.136	0.002	26596872	0.9109		100.0	
2	7	2.533	2.531	0.002	20384639	0.8590	47.8- 107.8	76.6	
2	8	2.984	2.980	0.004	40746418	0.9576	111.9- 171.9	153.2	
2	9	3.123	3.120	0.003	17982813	0.9018	36.1- 96.1	67.6	
2	10	3.733	3.727	0.006	14725802	0.9456	20.4- 80.4	55.4	
			Average of Peak Amounts =			0.9150			
						RPD = 1.74			

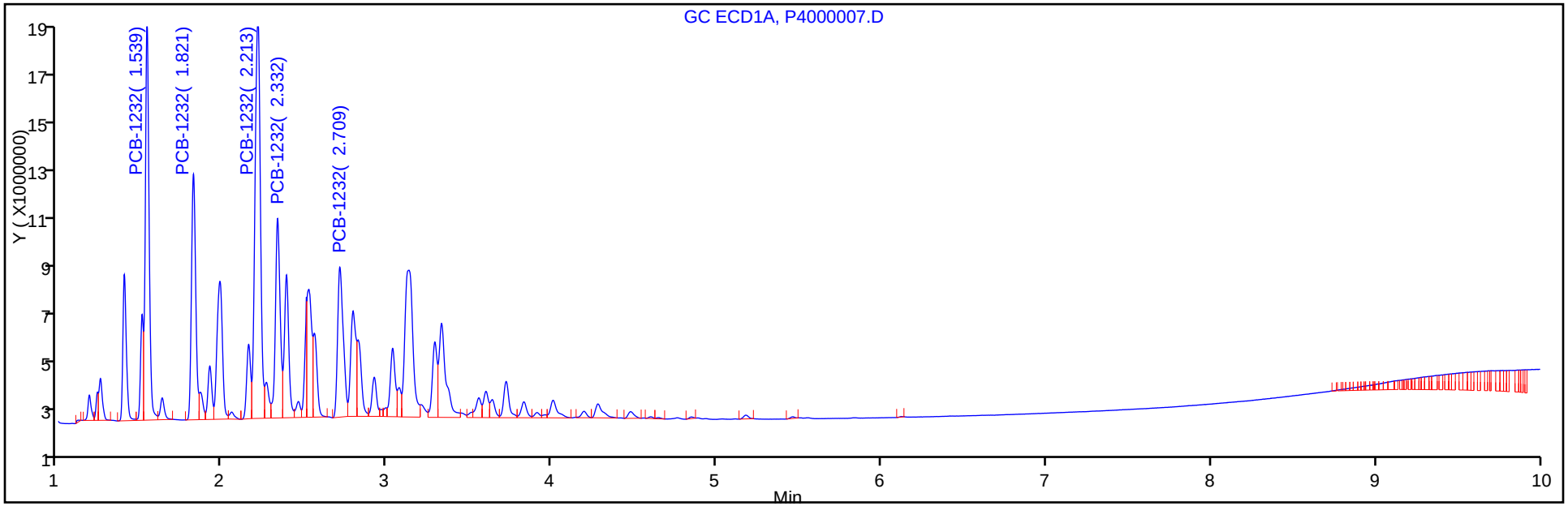
Report Date: 15-Apr-2013 13:04:41 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

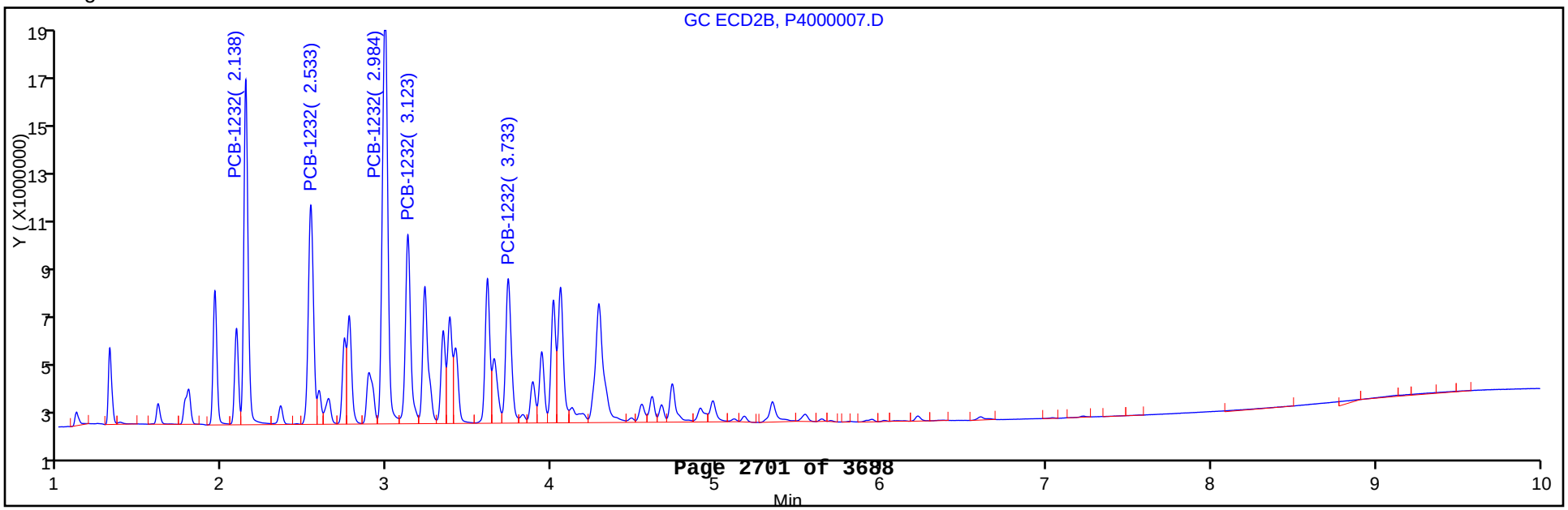
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000007.D

Injection Date:	15-Apr-2013 00:44:57	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	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: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000008.D
Lims ID: STD2 1232 Client ID:
Inject. Date: 15-Apr-2013 01:00:35 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0018824-008
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 81761 Lims Sample ID: 8
Sublist: chrom-PCB4*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:41 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: XAWRK026

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100	1.538	1.538	0.000	51756980	1.73		100.0	
1	2	1.821	1.820	0.001	36272560	1.67	51.4- 101.4	70.1	
1	3	2.211	2.210	0.001	78906477	1.95	101.9- 151.9	152.5	
1	4	2.331	2.330	0.001	33938679	1.96	30.8- 80.8	65.6	
1	5	2.708	2.707	0.001	30007455	1.85	29.6- 79.6	58.0	
			Average of Peak Amounts =			1.83			
2	6	2.138	2.136	0.002	51081361	1.75		100.0	
2	7	2.533	2.531	0.002	39302362	1.66	47.8- 107.8	76.9	
2	8	2.984	2.980	0.004	82540487	1.94	111.9- 171.9	161.6	
2	9	3.123	3.120	0.003	35771213	1.79	36.1- 96.1	70.0	
2	10	3.732	3.727	0.005	29503749	1.89	20.4- 80.4	57.8	
			Average of Peak Amounts =			1.81			
						RPD = 1.38			

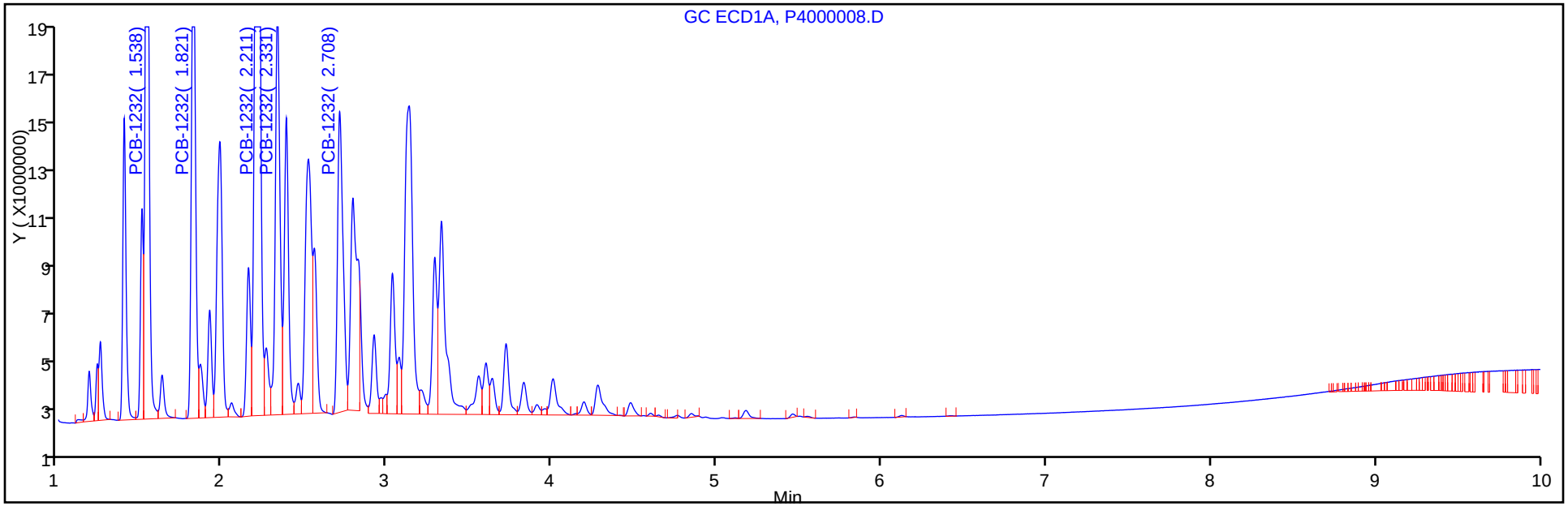
Report Date: 15-Apr-2013 13:04:42 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

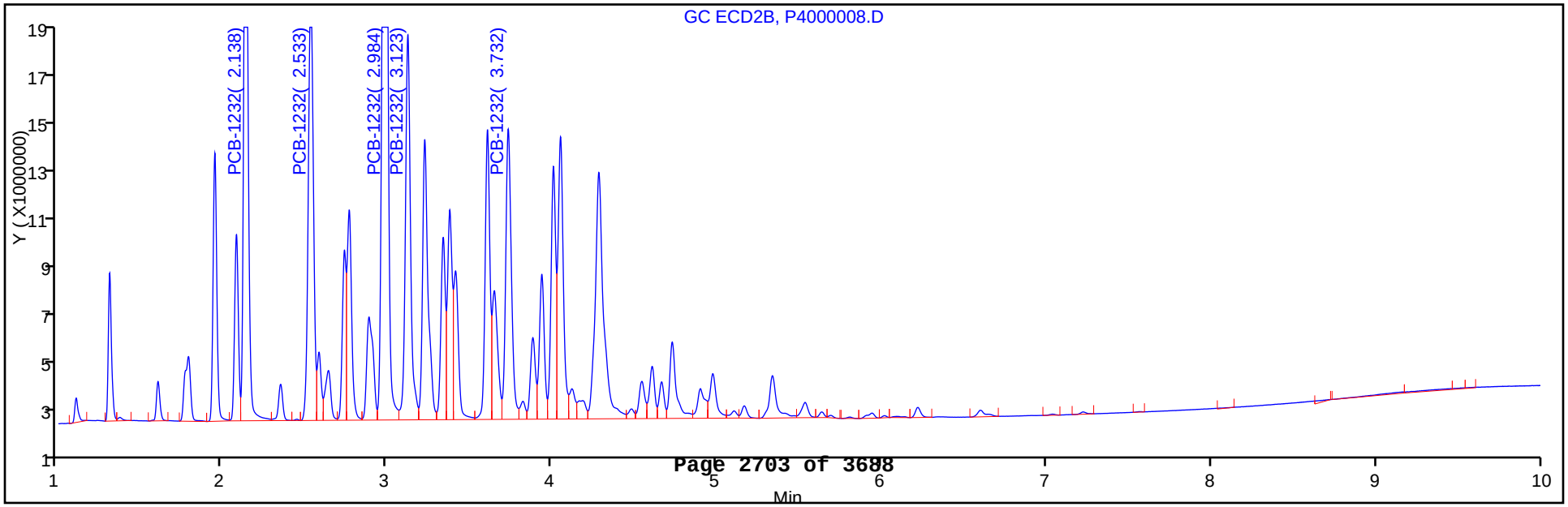
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000008.D

Injection Date:	15-Apr-2013 01:00:35	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	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 VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1 Analy Batch No.: 81761

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2013 23:42 Calibration End Date: 04/15/2013 01:00 Calibration ID: 14510

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-81761/3	P4000003.D
Level 2	STD01 240-81761/4	P4000004.D
Level 3	STD02 240-81761/5	P4000005.D
Level 4	STD05 240-81761/6	P4000006.D
Level 5	STD1 240-81761/7	P4000007.D
Level 6	STD2 240-81761/8	P4000008.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1232 Peak 1	2.136	2.137	2.138	2.139	2.138	2.138					2.036 - 2.236	2.138
PCB-1232 Peak 2	2.531	2.532	2.533	2.534	2.533	2.533					2.431 - 2.631	2.533
PCB-1232 Peak 3	2.980	2.983	2.984	2.985	2.984	2.984					2.880 - 3.080	2.983
PCB-1232 Peak 4	3.120	3.122	3.122	3.123	3.123	3.123					3.020 - 3.220	3.122
PCB-1232 Peak 5	3.727	3.730	3.732	3.733	3.733	3.732					3.627 - 3.827	3.731

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-22804-1 Analy Batch No.: 81761

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2013 23:42 Calibration End Date: 04/15/2013 01:00 Calibration ID: 14510

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-81761/3	P4000003.D
Level 2	STD01 240-81761/4	P4000004.D
Level 3	STD02 240-81761/5	P4000005.D
Level 4	STD05 240-81761/6	P4000006.D
Level 5	STD1 240-81761/7	P4000007.D
Level 6	STD2 240-81761/8	P4000008.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								
PCB-1232 Peak 1	34319780 26596872	31864510 25540681	29718200	27149580	Ave		29198270.4				12.0		20.0			
PCB-1232 Peak 2	28464940 20384639	27486790 19651181	23108840	23288152	Ave		23730757.0				15.0		20.0			
PCB-1232 Peak 3	46517620 40746418	44417970 41270244	42169920	40186180	Ave		42551391.9				5.7		20.0			
PCB-1232 Peak 4	24651720 17982813	21701540 17885607	19653825	17774402	Ave		19941651.1				14.0		20.0			
PCB-1232 Peak 5	17907640 14725802	16673730 14751874	14983040	14394880	Ave		15572827.8				9.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-22804-1 Analy Batch No.: 81761

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2013 23:42 Calibration End Date: 04/15/2013 01:00 Calibration ID: 14510

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-81761/3	P4000003.D
Level 2	STD01 240-81761/4	P4000004.D
Level 3	STD02 240-81761/5	P4000005.D
Level 4	STD05 240-81761/6	P4000006.D
Level 5	STD1 240-81761/7	P4000007.D
Level 6	STD2 240-81761/8	P4000008.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1232 Peak 1	Ave	1715989 51081361	3186451	5943640	13574790	26596872	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 2	Ave	1423247 39302362	2748679	4621768	11644076	20384639	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 3	Ave	2325881 82540487	4441797	8433984	20093090	40746418	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 4	Ave	1232586 35771213	2170154	3930765	8887201	17982813	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 5	Ave	895382 29503749	1667373	2996608	7197440	14725802	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000003.D
Lims ID: STD005 1232 Client ID:
Inject. Date: 14-Apr-2013 23:42:10 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0018824-003
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 3
Lims Batch ID: 81761 Lims Sample ID: 3
Sublist: chrom-PCB4*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:34 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
4 PCB-1232									
1	100	1.538	1.538	0.000	1734590	0.0579		100.0	
1	2	1.820	1.820	0.000	1221014	0.0562	51.4- 101.4	70.4	
1	3	2.210	2.210	0.000	2185193	0.0541	101.9- 151.9	126.0	
1	4	2.330	2.330	0.000	925611	0.0533	30.8- 80.8	53.4	
1	5	2.707	2.707	0.000	898780	0.0555	29.6- 79.6	51.8	
			Average of Peak Amounts =			0.0554			
2	6	2.136	2.136	0.000	1715989	0.0588		100.0	
2	7	2.531	2.531	0.000	1423247	0.0600	47.8- 107.8	82.9	
2	8	2.980	2.980	0.000	2325881	0.0547	111.9- 171.9	135.5	
2	9	3.120	3.120	0.000	1232586	0.0618	36.1- 96.1	71.8	
2	10	3.727	3.727	0.000	895382	0.0575	20.4- 80.4	52.2	
			Average of Peak Amounts =			0.0585			
						RPD = 5.51			

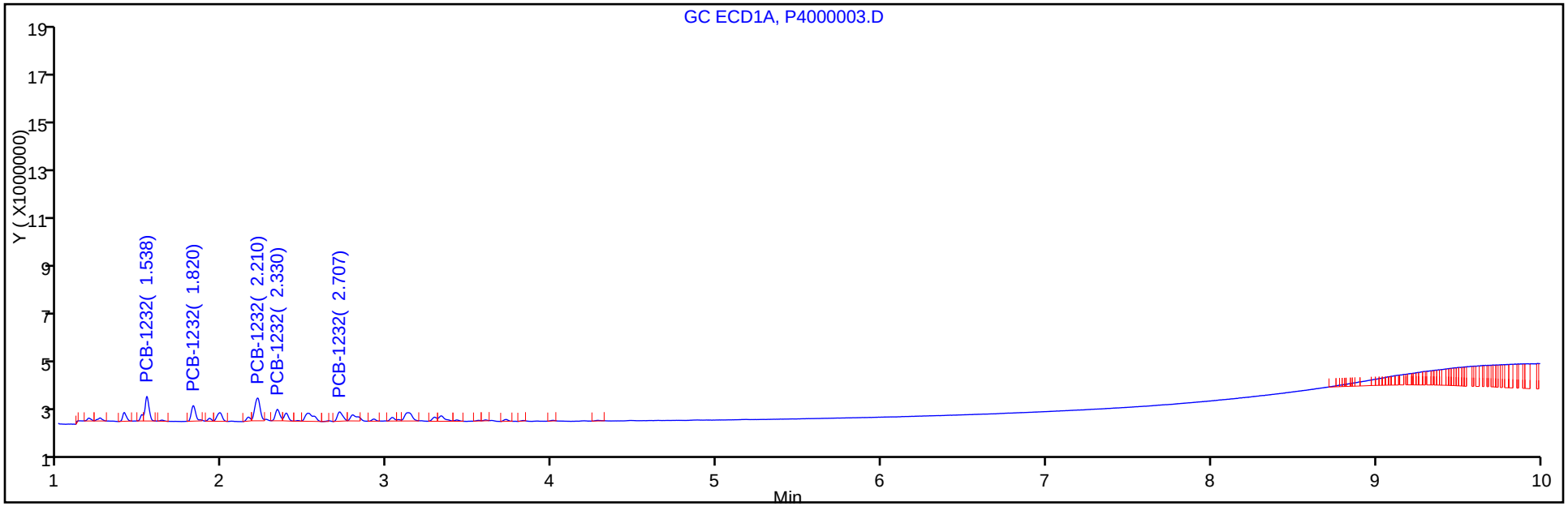
Report Date: 15-Apr-2013 13:04:35 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

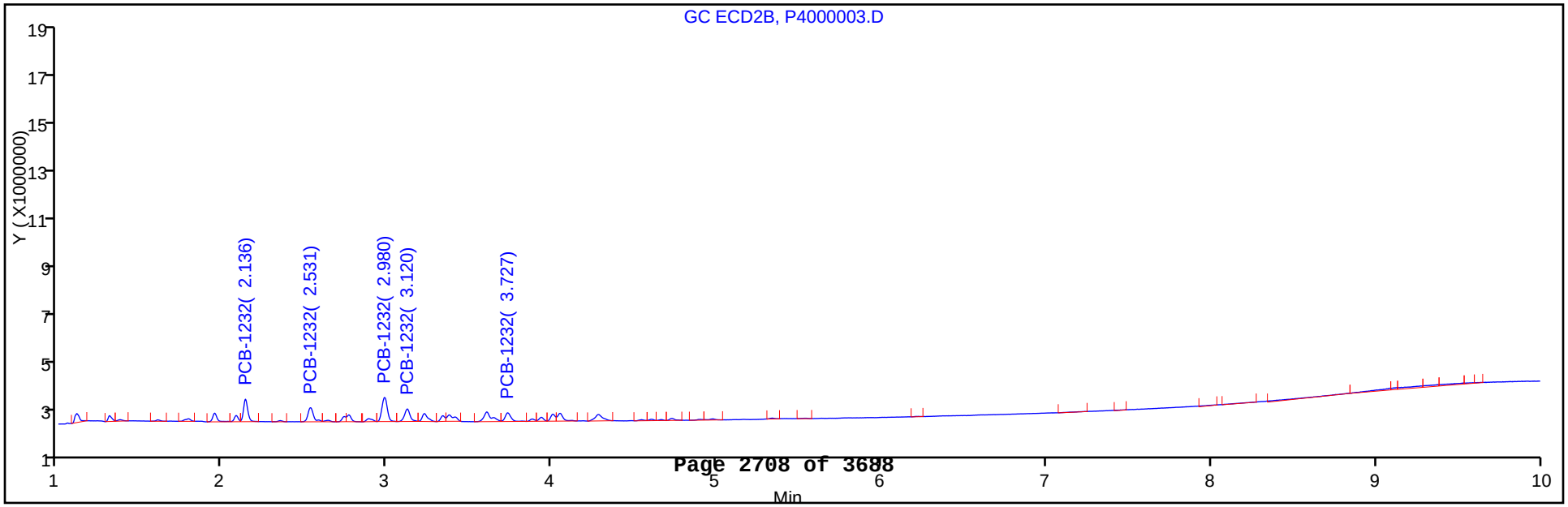
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000003.D

Injection Date:	14-Apr-2013 23:42:10	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000004.D
Lims ID: STD01 1232 Client ID:
Inject. Date: 14-Apr-2013 23:57:54 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0018824-004
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 4
Lims Batch ID: 81761 Lims Sample ID: 4
Sublist: chrom-PCB4*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:36 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
4 PCB-1232									
1	100	1.538	1.538	0.000	3281803	0.1095		100.0	
1	2	1.820	1.820	0.000	2539513	0.1170	51.4- 101.4	77.4	
1	3	2.211	2.210	0.001	4149649	0.1028	101.9- 151.9	126.4	
1	4	2.331	2.330	0.001	1671383	0.0963	30.8- 80.8	50.9	
1	5	2.709	2.707	0.002	1623841	0.1002	29.6- 79.6	49.5	
			Average of Peak Amounts =			0.1051			
2	6	2.137	2.136	0.001	3186451	0.1091		100.0	
2	7	2.532	2.531	0.001	2748679	0.1158	47.8- 107.8	86.3	
2	8	2.983	2.980	0.003	4441797	0.1044	111.9- 171.9	139.4	
2	9	3.122	3.120	0.002	2170154	0.1088	36.1- 96.1	68.1	
2	10	3.730	3.727	0.003	1667373	0.1071	20.4- 80.4	52.3	
			Average of Peak Amounts =			0.1090			
						RPD = 3.64			

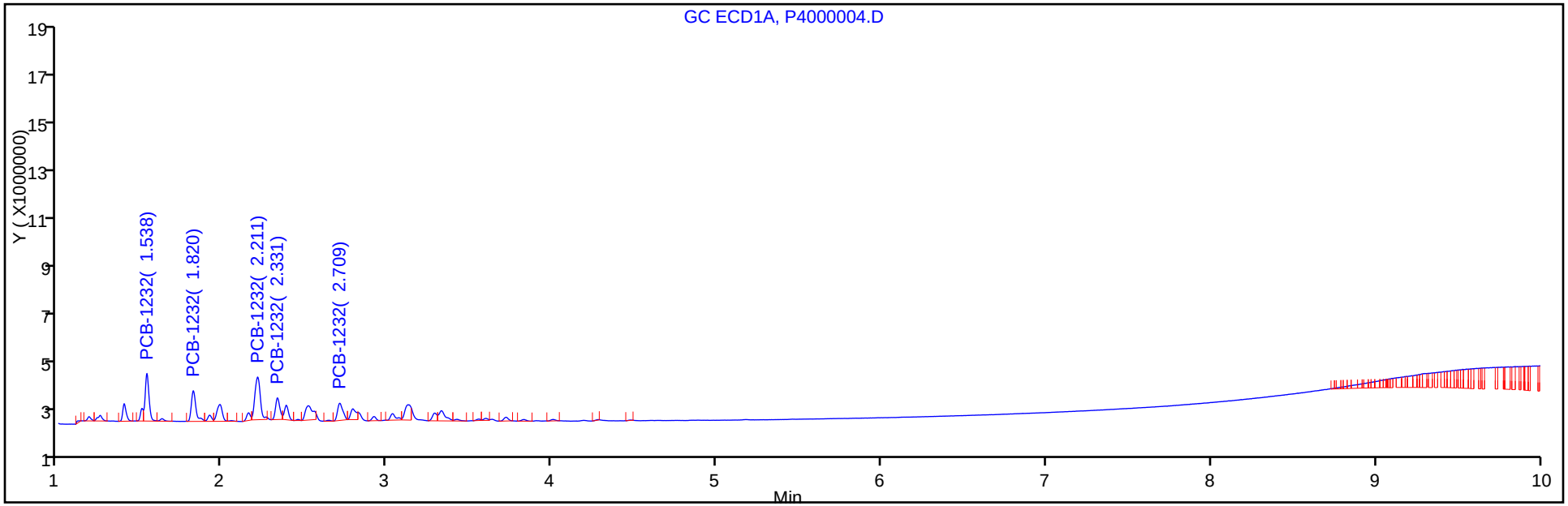
Report Date: 15-Apr-2013 13:04:37 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

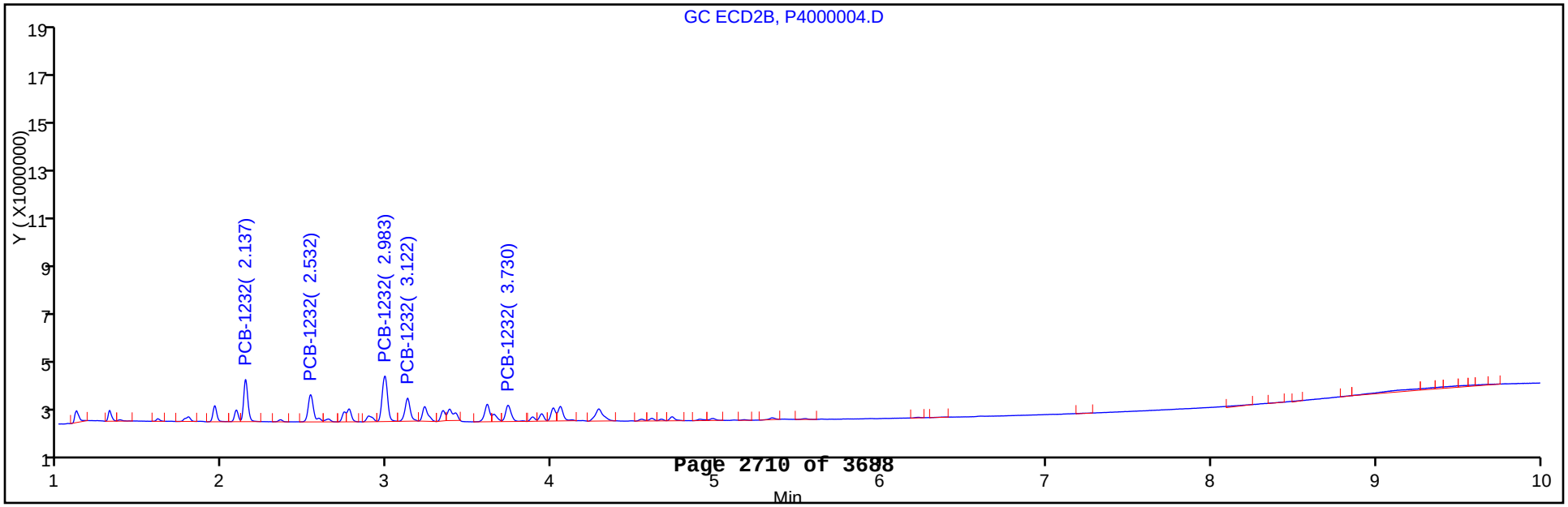
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000004.D

Injection Date:	14-Apr-2013 23:57:54	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000005.D
Lims ID: STD02 1232 Client ID:
Inject. Date: 15-Apr-2013 00:13:40 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0018824-005
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 81761 Lims Sample ID: 5
Sublist: chrom-PCB4*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:37 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
4 PCB-1232									
1	100	1.539	1.538	0.001	6234384	0.2080		100.0	
1	2	1.821	1.820	0.001	4764043	0.2194	51.4- 101.4	76.4	
1	3	2.211	2.210	0.001	7911184	0.1960	101.9- 151.9	126.9	
1	4	2.332	2.330	0.002	3476503	0.2003	30.8- 80.8	55.8	
1	5	2.709	2.707	0.002	3406563	0.2102	29.6- 79.6	54.6	
			Average of Peak Amounts =			0.2068			
2	6	2.138	2.136	0.002	5943640	0.2036		100.0	
2	7	2.533	2.531	0.002	4621768	0.1948	47.8- 107.8	77.8	
2	8	2.984	2.980	0.004	8433984	0.1982	111.9- 171.9	141.9	
2	9	3.122	3.120	0.002	3930765	0.1971	36.1- 96.1	66.1	
2	10	3.732	3.727	0.005	2996608	0.1924	20.4- 80.4	50.4	
			Average of Peak Amounts =			0.1972			
						RPD = 4.73			

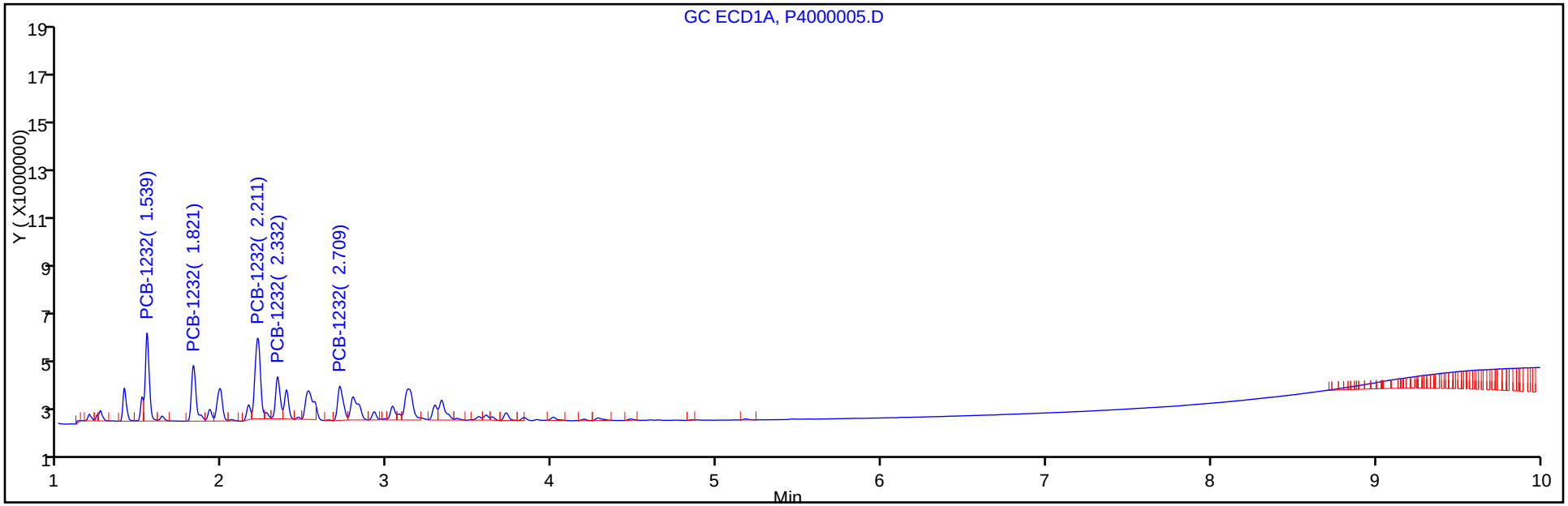
Report Date: 15-Apr-2013 13:04:38 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

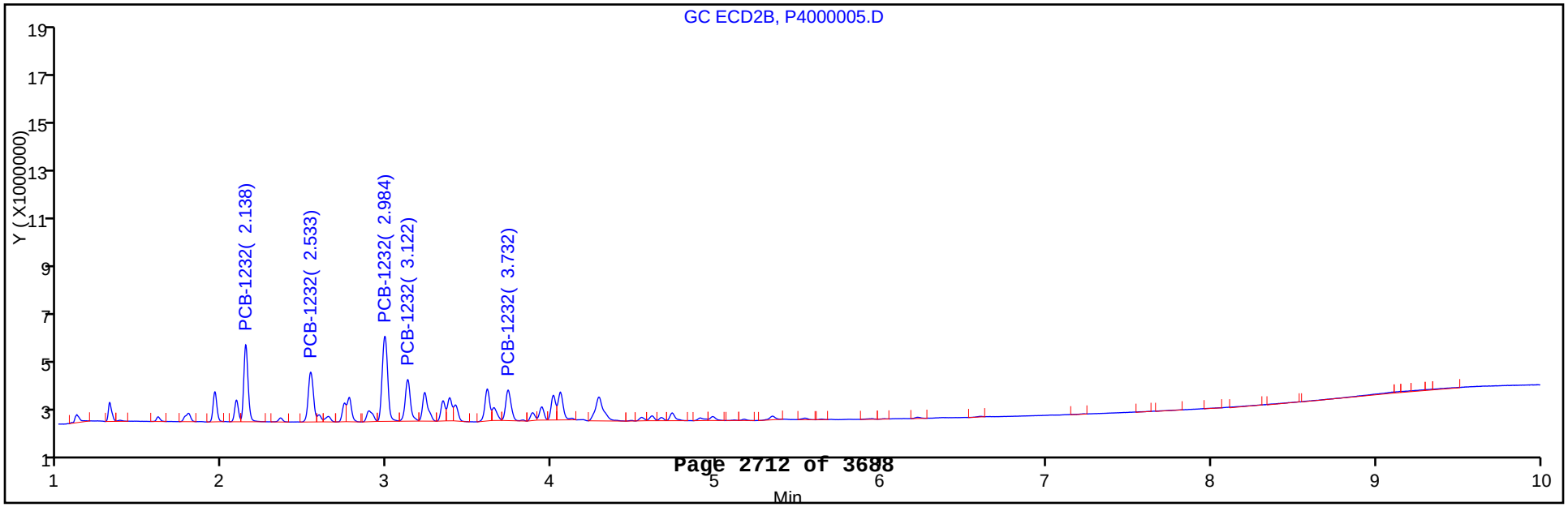
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000005.D

Injection Date:	15-Apr-2013 00:13:40	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	5
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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000006.D
Lims ID: STD05 1232 Client ID:
Inject. Date: 15-Apr-2013 00:29:19 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0018824-006
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 81761 Lims Sample ID: 6
Sublist: chrom-PCB4*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:38 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
4 PCB-1232									
1	100	1.539	1.538	0.001	14125994	0.4712		100.0	
1	2	1.821	1.820	0.001	9868532	0.4545	51.4- 101.4	69.9	
1	3	2.211	2.210	0.001	19549004	0.4842	101.9- 151.9	138.4	
1	4	2.332	2.330	0.002	8754740	0.5045	30.8- 80.8	62.0	
1	5	2.710	2.707	0.003	7853899	0.4847	29.6- 79.6	55.6	
			Average of Peak Amounts =			0.4798			
2	6	2.139	2.136	0.003	13574790	0.4649		100.0	
2	7	2.534	2.531	0.003	11644076	0.4907	47.8- 107.8	85.8	
2	8	2.985	2.980	0.005	20093090	0.4722	111.9- 171.9	148.0	
2	9	3.123	3.120	0.003	8887201	0.4457	36.1- 96.1	65.5	
2	10	3.733	3.727	0.006	7197440	0.4622	20.4- 80.4	53.0	
			Average of Peak Amounts =			0.4671			
						RPD = 2.68			

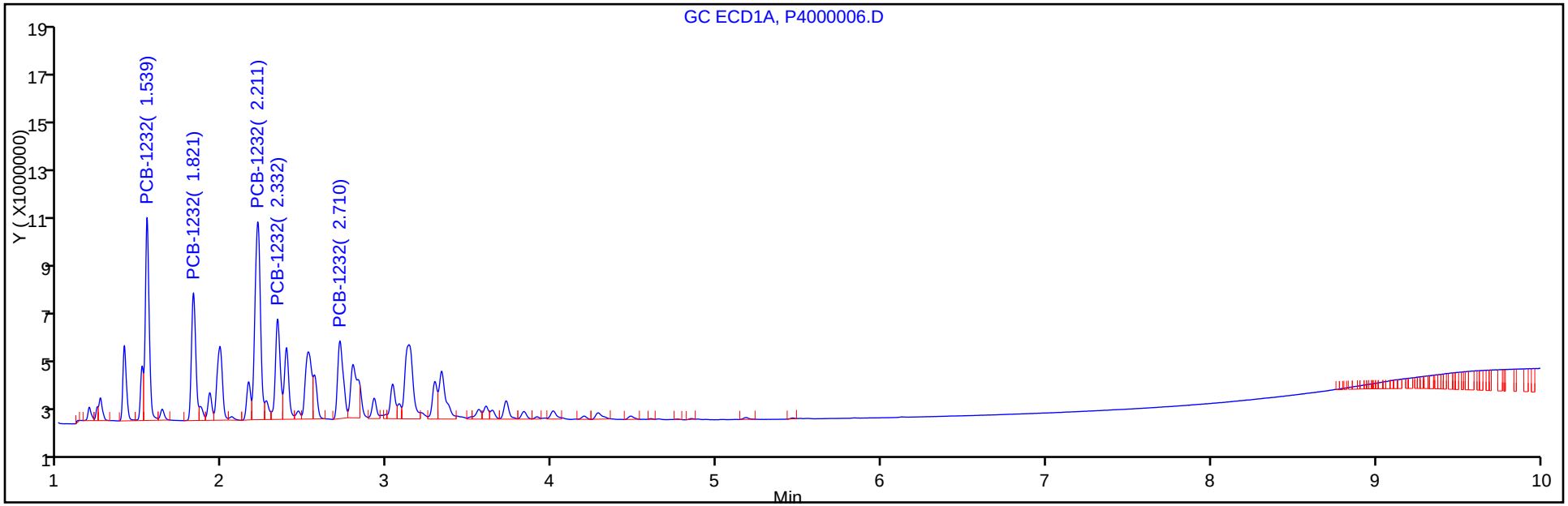
Report Date: 15-Apr-2013 13:04:39 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

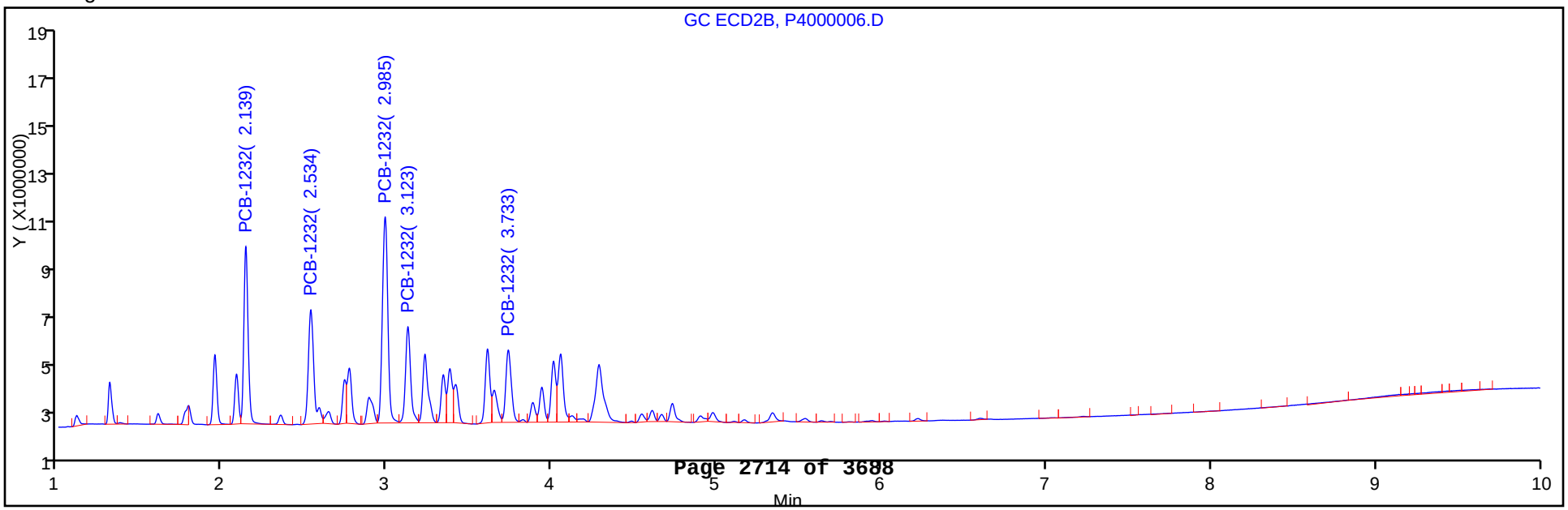
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000006.D

Injection Date:	15-Apr-2013 00:29:19	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	6
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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000007.D
Lims ID: STD1 1232 Client ID:
Inject. Date: 15-Apr-2013 00:44:57 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0018824-007
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 81761 Lims Sample ID: 7
Sublist: chrom-PCB4*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:40 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
4 PCB-1232									
1	100	1.539	1.538	0.001	27056868	0.9026		100.0	
1	2	1.821	1.820	0.001	18766909	0.8643	51.4- 101.4	69.4	
1	3	2.213	2.210	0.003	38931784	0.9643	101.9- 151.9	143.9	
1	4	2.332	2.330	0.002	17039321	0.9818	30.8- 80.8	63.0	
1	5	2.709	2.707	0.002	15263717	0.9420	29.6- 79.6	56.4	
			Average of Peak Amounts =			0.9310			
2	6	2.138	2.136	0.002	26596872	0.9109		100.0	
2	7	2.533	2.531	0.002	20384639	0.8590	47.8- 107.8	76.6	
2	8	2.984	2.980	0.004	40746418	0.9576	111.9- 171.9	153.2	
2	9	3.123	3.120	0.003	17982813	0.9018	36.1- 96.1	67.6	
2	10	3.733	3.727	0.006	14725802	0.9456	20.4- 80.4	55.4	
			Average of Peak Amounts =			0.9150			
						RPD = 1.74			

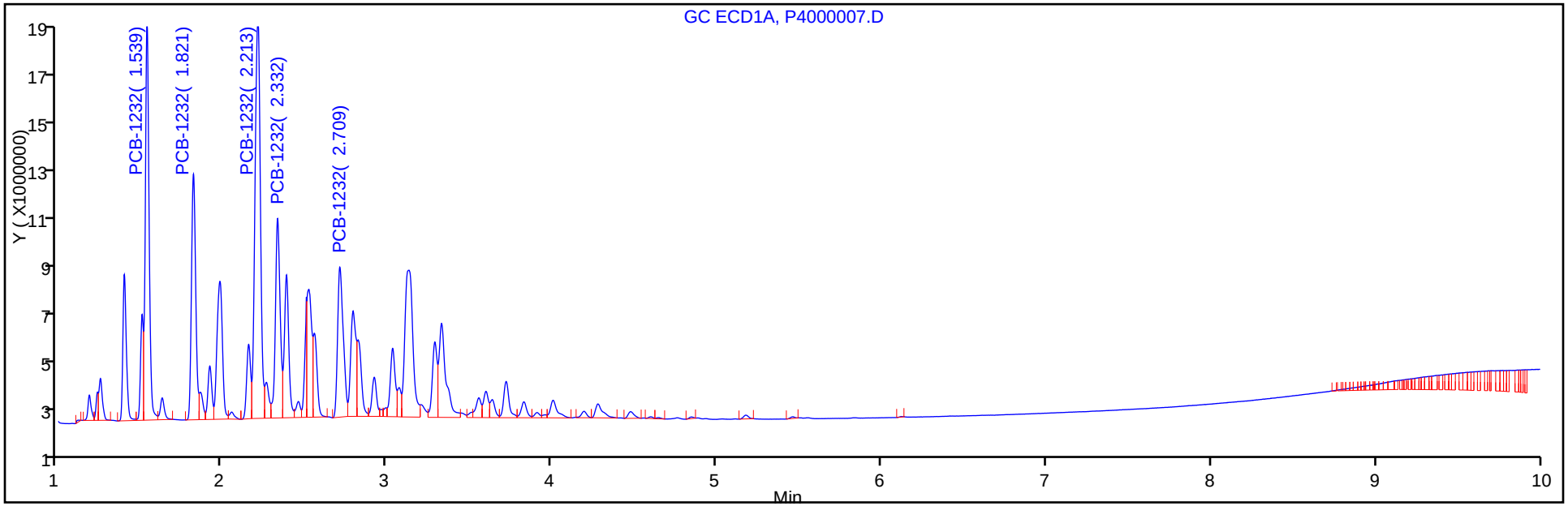
Report Date: 15-Apr-2013 13:04:41 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

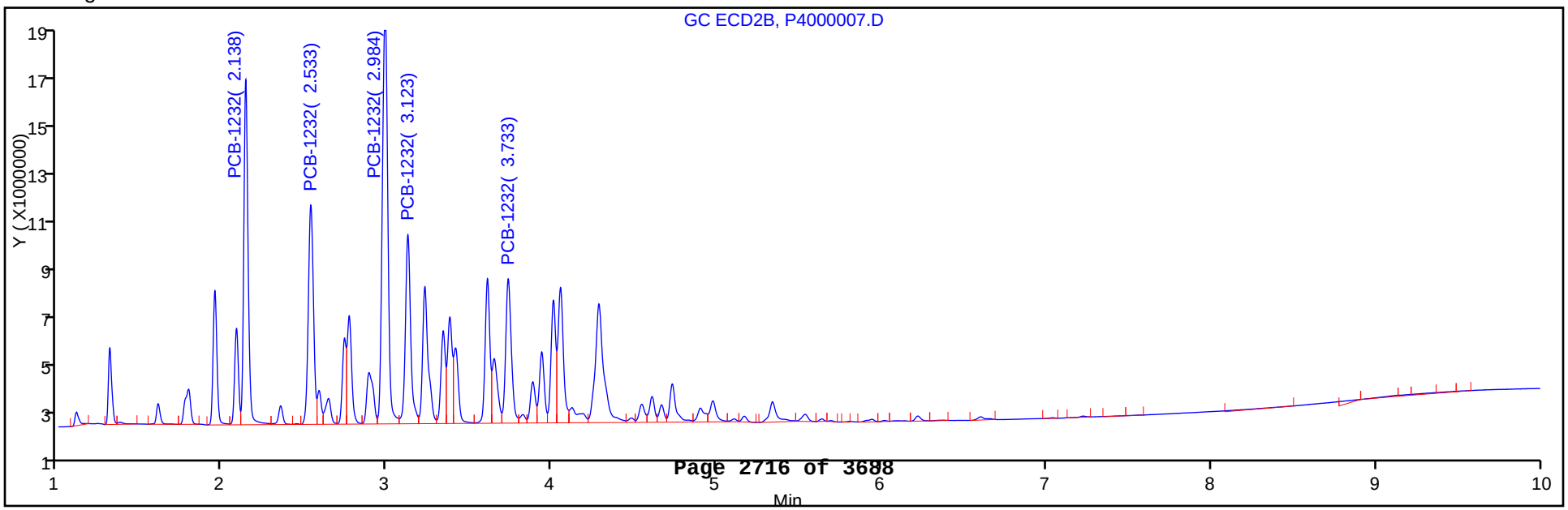
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000007.D

Injection Date:	15-Apr-2013 00:44:57	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	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: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000008.D
Lims ID: STD2 1232 Client ID:
Inject. Date: 15-Apr-2013 01:00:35 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0018824-008
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 81761 Lims Sample ID: 8
Sublist: chrom-PCB4*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:41 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: XAWRK026

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100	1.538	1.538	0.000	51756980	1.73		100.0	
1	2	1.821	1.820	0.001	36272560	1.67	51.4- 101.4	70.1	
1	3	2.211	2.210	0.001	78906477	1.95	101.9- 151.9	152.5	
1	4	2.331	2.330	0.001	33938679	1.96	30.8- 80.8	65.6	
1	5	2.708	2.707	0.001	30007455	1.85	29.6- 79.6	58.0	
			Average of Peak Amounts =			1.83			
2	6	2.138	2.136	0.002	51081361	1.75		100.0	
2	7	2.533	2.531	0.002	39302362	1.66	47.8- 107.8	76.9	
2	8	2.984	2.980	0.004	82540487	1.94	111.9- 171.9	161.6	
2	9	3.123	3.120	0.003	35771213	1.79	36.1- 96.1	70.0	
2	10	3.732	3.727	0.005	29503749	1.89	20.4- 80.4	57.8	
			Average of Peak Amounts =			1.81			
						RPD = 1.38			

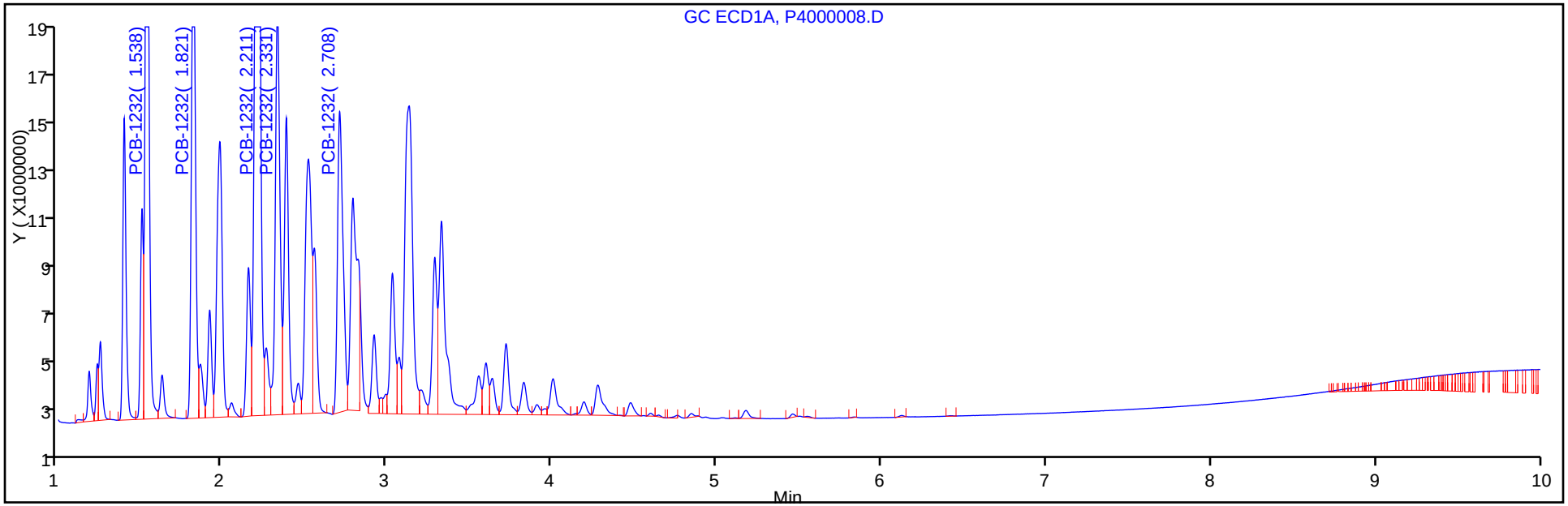
Report Date: 15-Apr-2013 13:04:42 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

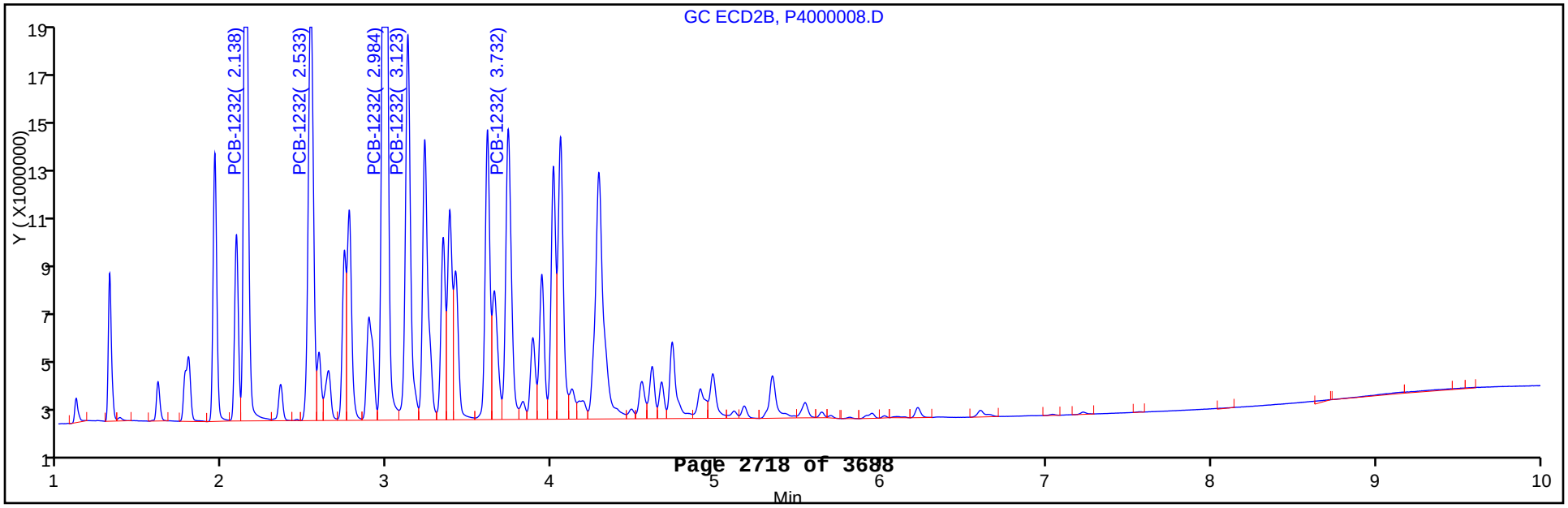
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000008.D

Injection Date:	15-Apr-2013 01:00:35	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	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 VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1 Analy Batch No.: 81761

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2013 01:16 Calibration End Date: 04/15/2013 02:34 Calibration ID: 14515

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-81761/9	P4000009.D
Level 2	STD01 240-81761/10	P4000010.D
Level 3	STD02 240-81761/11	P4000011.D
Level 4	STD05 240-81761/12	P4000012.D
Level 5	STD1 240-81761/13	P4000013.D
Level 6	STD2 240-81761/14	P4000014.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1242 Peak 1	1.540	1.536	1.540	1.541	1.540	1.540					1.440 - 1.640	1.540
PCB-1242 Peak 2	1.821	1.821	1.821	1.822	1.822	1.822					1.721 - 1.921	1.822
PCB-1242 Peak 3	2.213	2.213	2.212	2.213	2.213	2.213					2.113 - 2.313	2.213
PCB-1242 Peak 4	2.333	2.334	2.333	2.334	2.333	2.333					2.233 - 2.433	2.333
PCB-1242 Peak 5	2.711	2.711	2.711	2.712	2.711	2.710					2.611 - 2.811	2.711

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-22804-1 Analy Batch No.: 81761

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2013 01:16 Calibration End Date: 04/15/2013 02:34 Calibration ID: 14515

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-81761/9	P4000009.D
Level 2	STD01 240-81761/10	P4000010.D
Level 3	STD02 240-81761/11	P4000011.D
Level 4	STD05 240-81761/12	P4000012.D
Level 5	STD1 240-81761/13	P4000013.D
Level 6	STD2 240-81761/14	P4000014.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								
PCB-1242 Peak 1	25213480 20136124	21482240 18252743	23357625	21013412	Ave		21575937.3				11.0		20.0			
PCB-1242 Peak 2	47308320 37109215	45275130 33501130	41691870	38177118	Ave		40510463.8				13.0		20.0			
PCB-1242 Peak 3	82336700 75642273	83759860 71963574	78707195	74425240	Ave		77805807.0				5.9		20.0			
PCB-1242 Peak 4	33622500 32957971	38347870 31391768	35585145	33222204	Ave		34187909.7				7.1		20.0			
PCB-1242 Peak 5	36830840 32115158	37888330 31488470	34865780	32803562	Ave		34332023.3				7.7		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-22804-1 Analy Batch No.: 81761

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2013 01:16 Calibration End Date: 04/15/2013 02:34 Calibration ID: 14515

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-81761/9	P4000009.D
Level 2	STD01 240-81761/10	P4000010.D
Level 3	STD02 240-81761/11	P4000011.D
Level 4	STD05 240-81761/12	P4000012.D
Level 5	STD1 240-81761/13	P4000013.D
Level 6	STD2 240-81761/14	P4000014.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1242 Peak 1	Ave	1260674 36505486	2148224	4671525	10506706	20136124	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 2	Ave	2365416 67002260	4527513	8338374	19088559	37109215	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 3	Ave	4116835 143927148	8375986	15741439	37212620	75642273	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 4	Ave	1681125 62783536	3834787	7117029	16611102	32957971	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 5	Ave	1841542 62976939	3788833	6973156	16401781	32115158	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:

Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000009.D
Lims ID: STD005 1242 Client ID:
Inject. Date: 15-Apr-2013 01:16:16 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0018824-009
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 9
Lims Batch ID: 81761 Lims Sample ID: 9
Sublist: chrom-PCB4*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:42 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 07:52:23

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100	1.540	1.540	0.000	1260674	0.0584		100.0	
1	2	1.821	1.821	0.000	2365416	0.0584	153.5- 203.5	187.6	
1	3	2.213	2.213	0.000	4116835	0.0529	312.0- 362.0	326.6	
1	4	2.333	2.333	0.000	1681125	0.0492	127.3- 177.3	133.4	
1	5	2.711	2.711	0.000	1841542	0.0536	124.3- 174.3	146.1	
			Average of Peak Amounts =			0.0545			
2	6	2.140	2.140	0.000	1226997	0.0569		100.0	
2	7	2.535	2.535	0.000	2379583	0.0570	163.2- 223.2	193.9	
2	8	2.986	2.986	0.000	4248838	0.0527	335.3- 395.3	346.3	
2	9	3.123	3.123	0.000	1930091	0.0540	133.4- 193.4	157.3	
2	10	3.733	3.733	0.000	1836399	0.0544	119.1- 179.1	149.7	
			Average of Peak Amounts =			0.0550			
						RPD = 0.90			

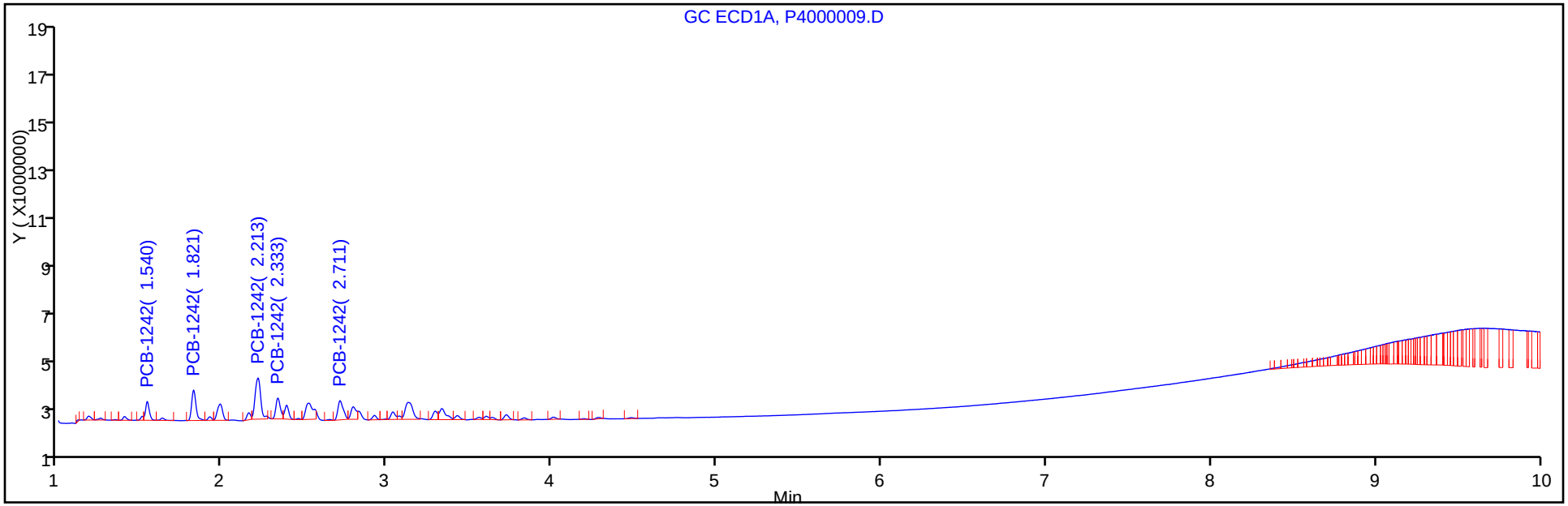
Report Date: 15-Apr-2013 13:04:43 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

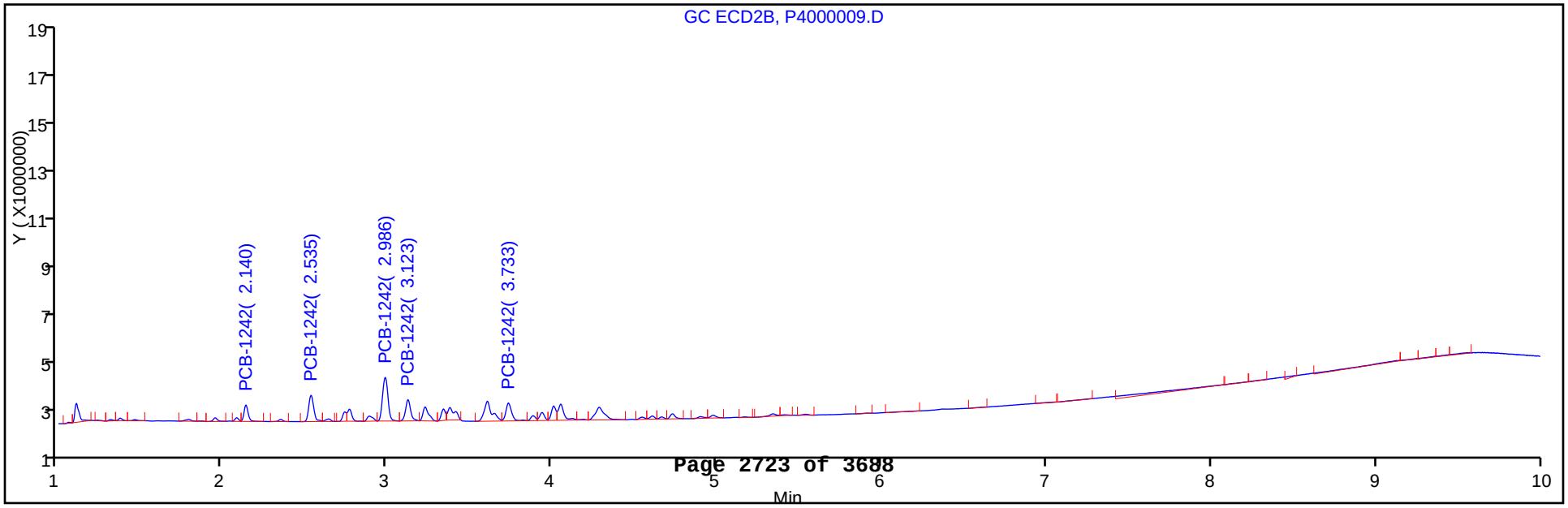
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000009.D

Injection Date:	15-Apr-2013 01:16:16	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000010.D
Lims ID: STD01 1242 Client ID:
Inject. Date: 15-Apr-2013 01:31:55 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0018824-010
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 10
Lims Batch ID: 81761 Lims Sample ID: 10
Sublist: chrom-PCB4*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:44 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
5 PCB-1242									
1	100	1.536	1.540	-0.004	2148224	0.0996		100.0	
1	2	1.821	1.821	0.000	4527513	0.1118	153.5- 203.5	210.8	
1	3	2.213	2.213	0.000	8375986	0.1077	312.0- 362.0	389.9	
1	4	2.334	2.333	0.001	3834787	0.1122	127.3- 177.3	178.5	
1	5	2.711	2.711	0.000	3788833	0.1104	124.3- 174.3	176.4	
			Average of Peak Amounts =			0.1083			
2	6	2.140	2.140	0.000	2381598	0.1104		100.0	
2	7	2.535	2.535	0.000	4671714	0.1119	163.2- 223.2	196.2	
2	8	2.985	2.986	-0.001	8664077	0.1075	335.3- 395.3	363.8	
2	9	3.124	3.123	0.001	4080744	0.1143	133.4- 193.4	171.3	
2	10	3.734	3.733	0.001	3778301	0.1119	119.1- 179.1	158.6	
			Average of Peak Amounts =			0.1112			
						RPD = 2.62			

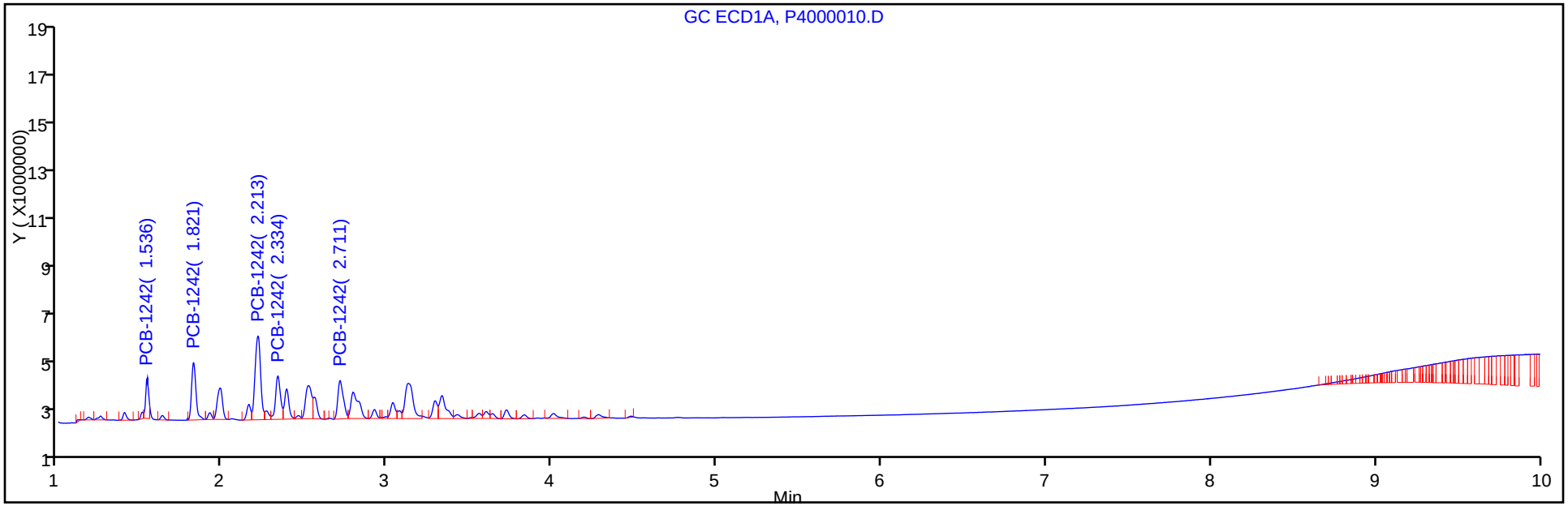
Report Date: 15-Apr-2013 13:04:45 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

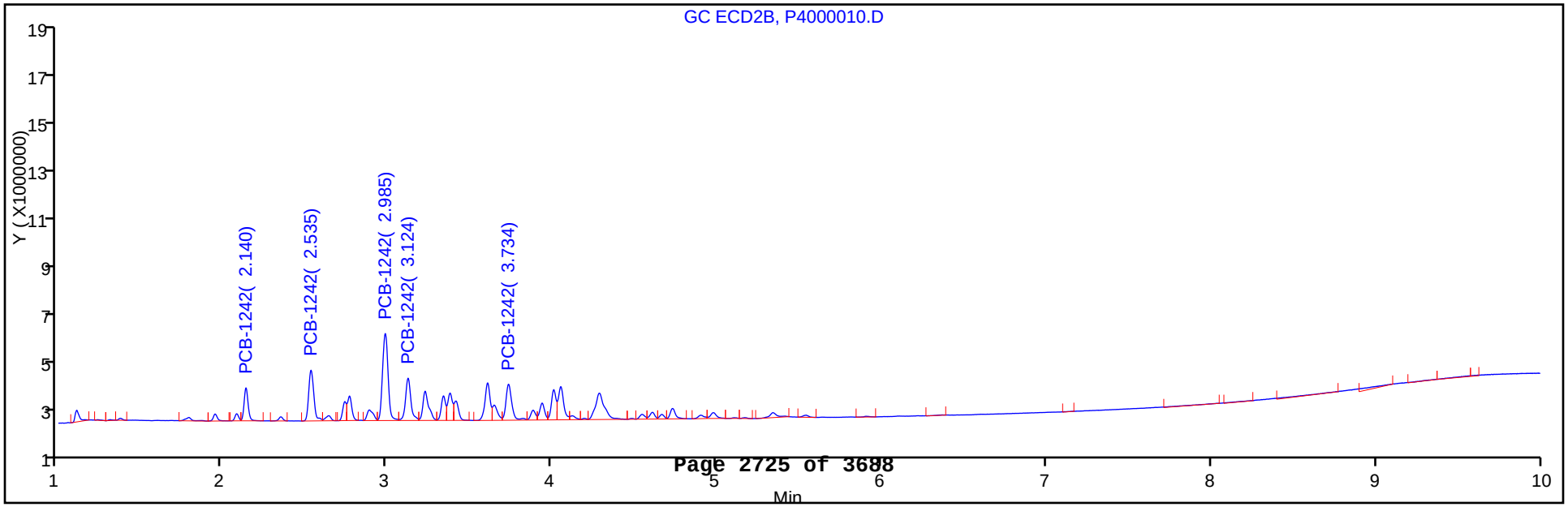
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000010.D

Injection Date:	15-Apr-2013 01:31:55	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	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



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000011.D		
Lims ID:	STD02 1242	Client ID:	
Inject. Date:	15-Apr-2013 01:47:35	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	240-0018824-011		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 ul	ALS Bottle#:	11
Lims Batch ID:	81761	Lims Sample ID:	11
Sublist:	chrom-PCB4*sub2		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m		
Last Update:	15-Apr-2013 13:04:45	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 07:53:05

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100	1.540	1.540	0.000	4671525	0.2165		100.0	
1	2	1.821	1.821	0.000	8338374	0.2058	153.5- 203.5	178.5	
1	3	2.212	2.213	-0.001	15741439	0.2023	312.0- 362.0	337.0	M
1	4	2.333	2.333	0.000	7117029	0.2082	127.3- 177.3	152.3	M
1	5	2.711	2.711	0.000	6973156	0.2031	124.3- 174.3	149.3	M
			Average of Peak Amounts =			0.2072			
2	6	2.139	2.140	-0.001	4505873	0.2089		100.0	
2	7	2.534	2.535	-0.001	8706735	0.2085	163.2- 223.2	193.2	
2	8	2.986	2.986	0.000	16458445	0.2043	335.3- 395.3	365.3	
2	9	3.124	3.123	0.001	7362816	0.2061	133.4- 193.4	163.4	
2	10	3.734	3.733	0.001	6719791	0.1989	119.1- 179.1	149.1	
			Average of Peak Amounts =			0.2053			
						RPD = 0.90			

QC Flag Legend

Review Flags
M - Manually Integrated

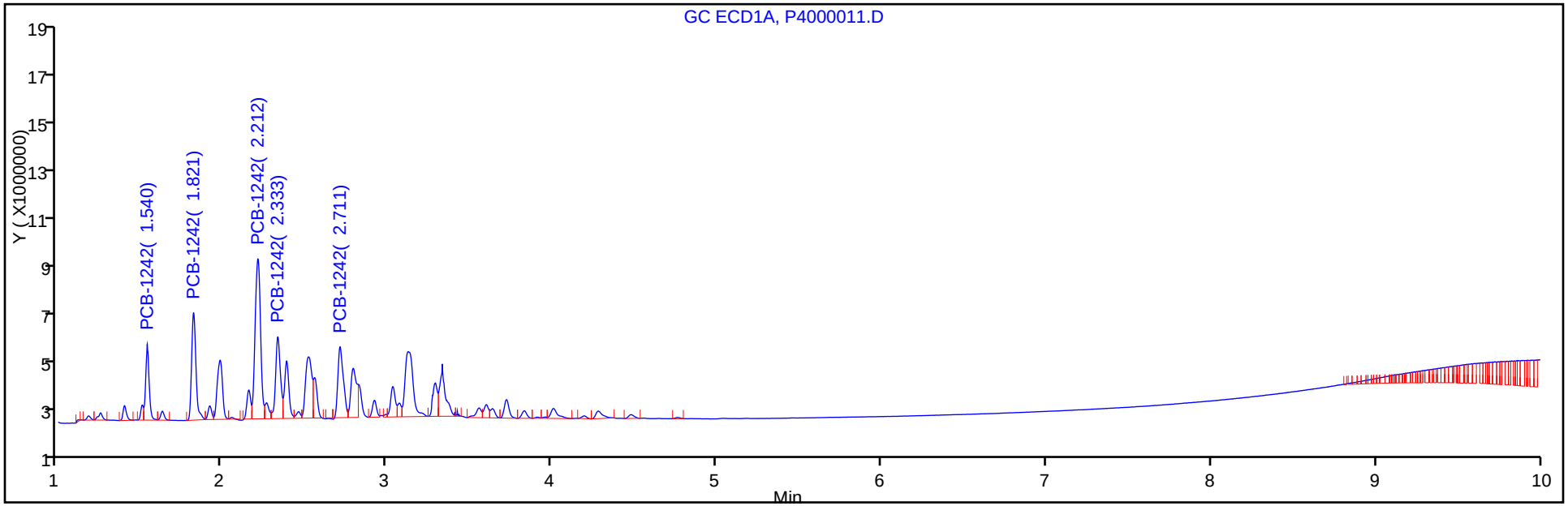
Report Date: 15-Apr-2013 13:04:46 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

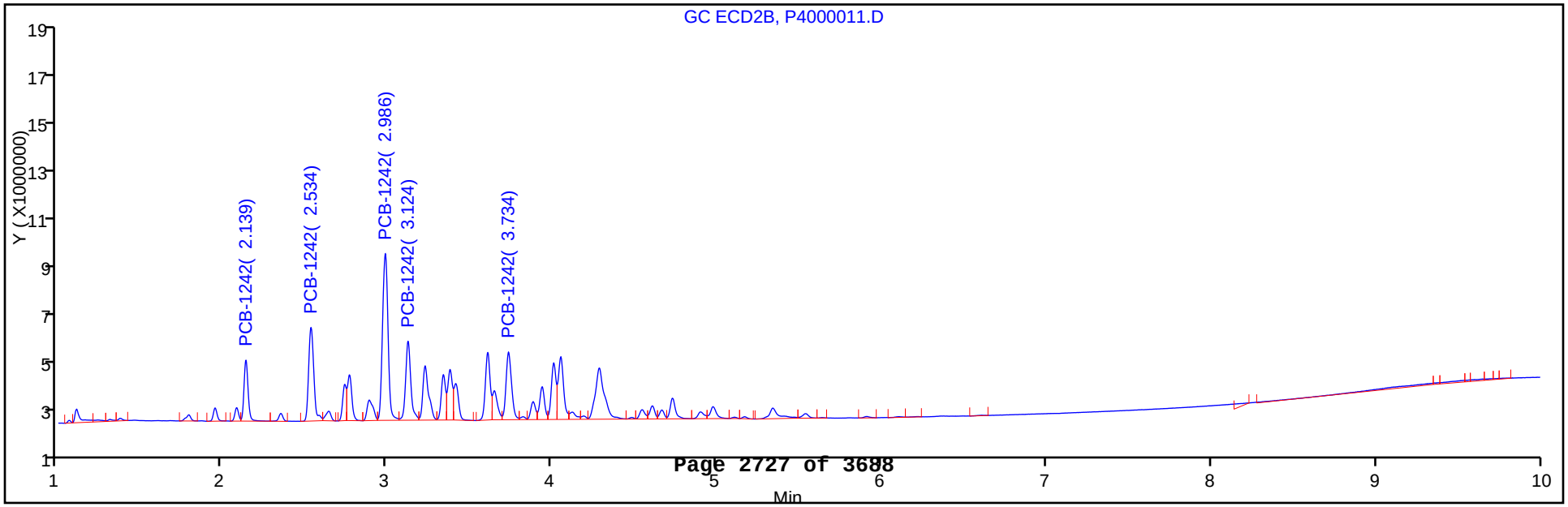
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000011.D

Injection Date:	15-Apr-2013 01:47:35	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	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



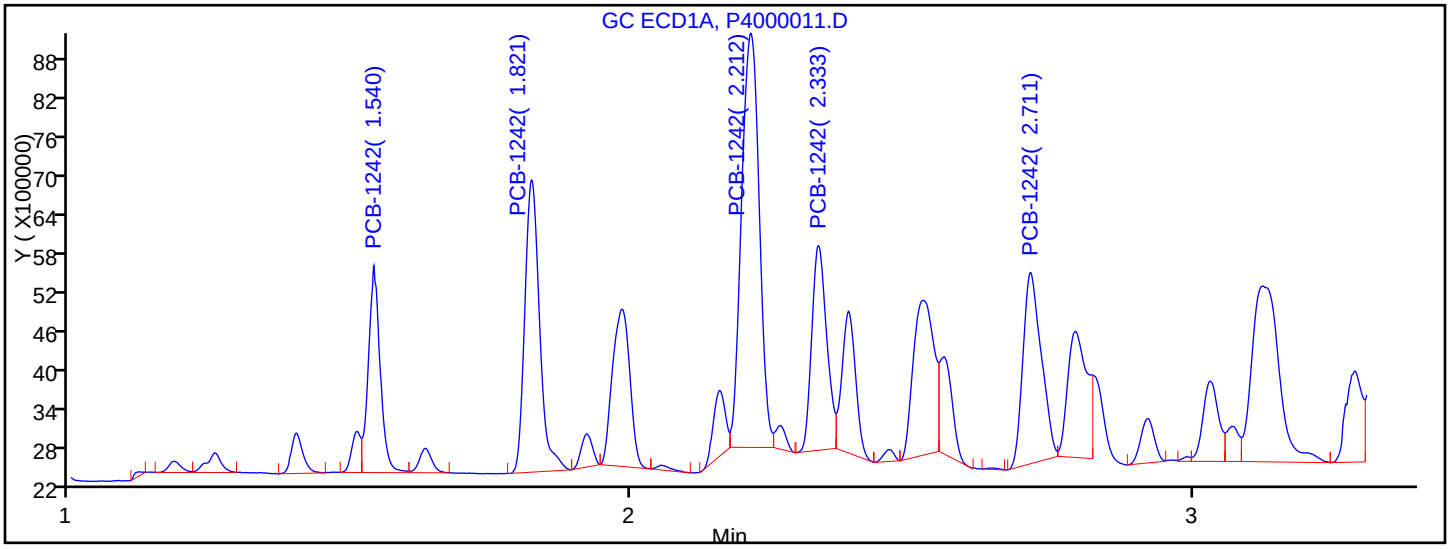
Report Date: 15-Apr-2013 13:04:46 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000011.D

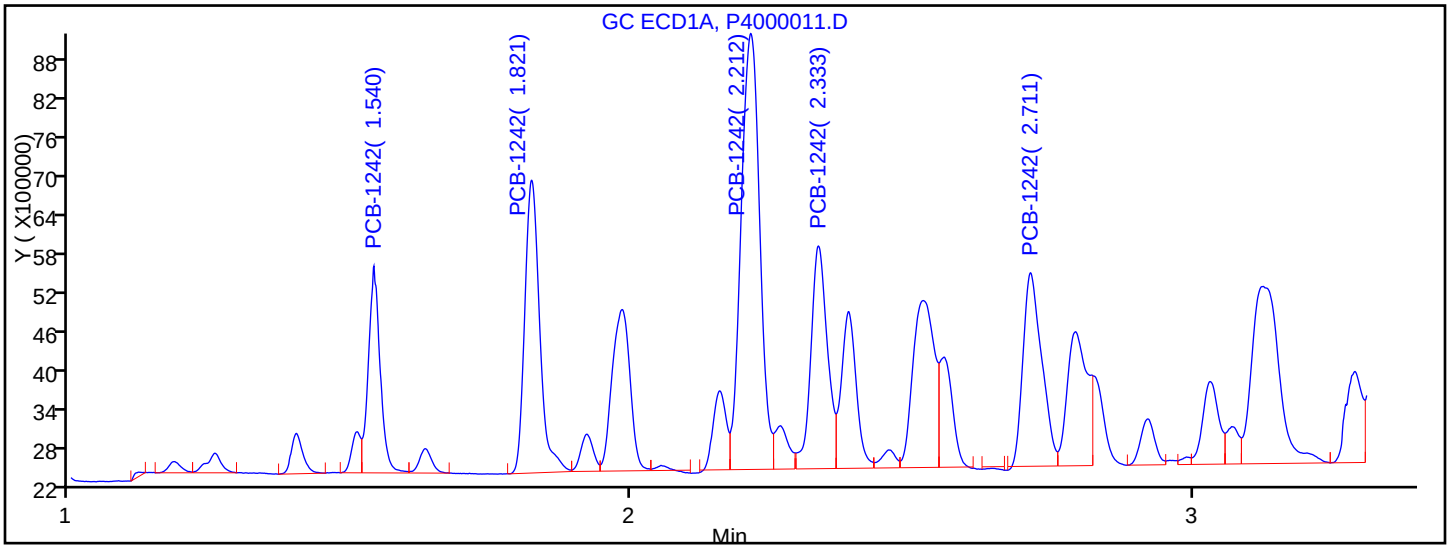
Injection Date:	15-Apr-2013 01:47:35	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

5 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.540	Response = 4671525	
RT = 1.821	Response = 8338374	
RT = 2.212	Response = 14175851	M
RT = 2.333	Response = 5927442	M
RT = 2.711	Response = 6743240	M



Manual Integration Results

RT = 1.540	Response = 4671525	
RT = 1.821	Response = 8338374	
RT = 2.212	Response = 15741439	M
RT = 2.333	Response = 7117029	M
RT = 2.711	Response = 6973156	M

Reviewer: hassl, 15-Apr-2013 07:53:05

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000012.D		
Lims ID:	STD05 1242	Client ID:	
Inject. Date:	15-Apr-2013 02:03:15	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	240-0018824-012		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 ul	ALS Bottle#:	12
Lims Batch ID:	81761	Lims Sample ID:	12
Sublist:	chrom-PCB4*sub2		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m		
Last Update:	15-Apr-2013 13:04:47	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 05:51:54

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100	1.541	1.540	0.001	10506706	0.4870		100.0	
1	2	1.822	1.821	0.001	19088559	0.4712	153.5- 203.5	181.7	
1	3	2.213	2.213	0.000	37212620	0.4783	312.0- 362.0	354.2	
1	4	2.334	2.333	0.001	16611102	0.4859	127.3- 177.3	158.1	
1	5	2.712	2.711	0.001	16401781	0.4777	124.3- 174.3	156.1	
			Average of Peak Amounts =			0.4800			
2	6	2.140	2.140	0.000	10298784	0.4774		100.0	
2	7	2.535	2.535	0.000	19564185	0.4685	163.2- 223.2	190.0	
2	8	2.986	2.986	0.000	37434532	0.4646	335.3- 395.3	363.5	
2	9	3.124	3.123	0.001	15589363	0.4365	133.4- 193.4	151.4	
2	10	3.734	3.733	0.001	15930304	0.4716	119.1- 179.1	154.7	
			Average of Peak Amounts =			0.4637			
						RPD = 3.45			

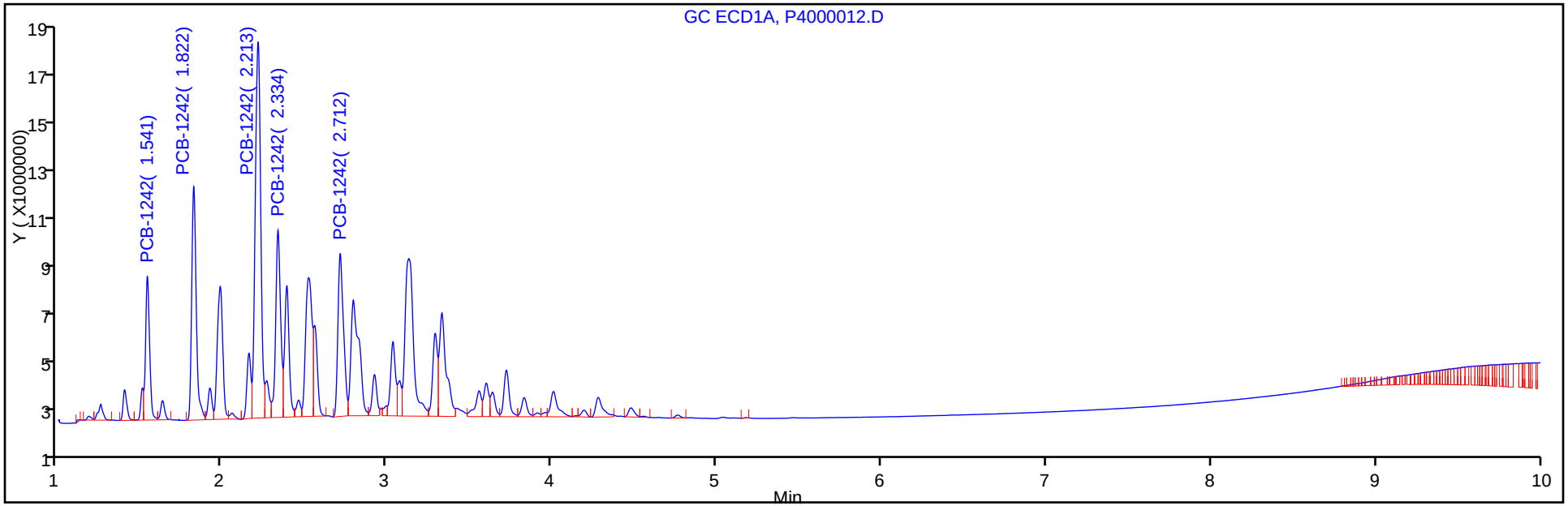
Report Date: 15-Apr-2013 13:04:48 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

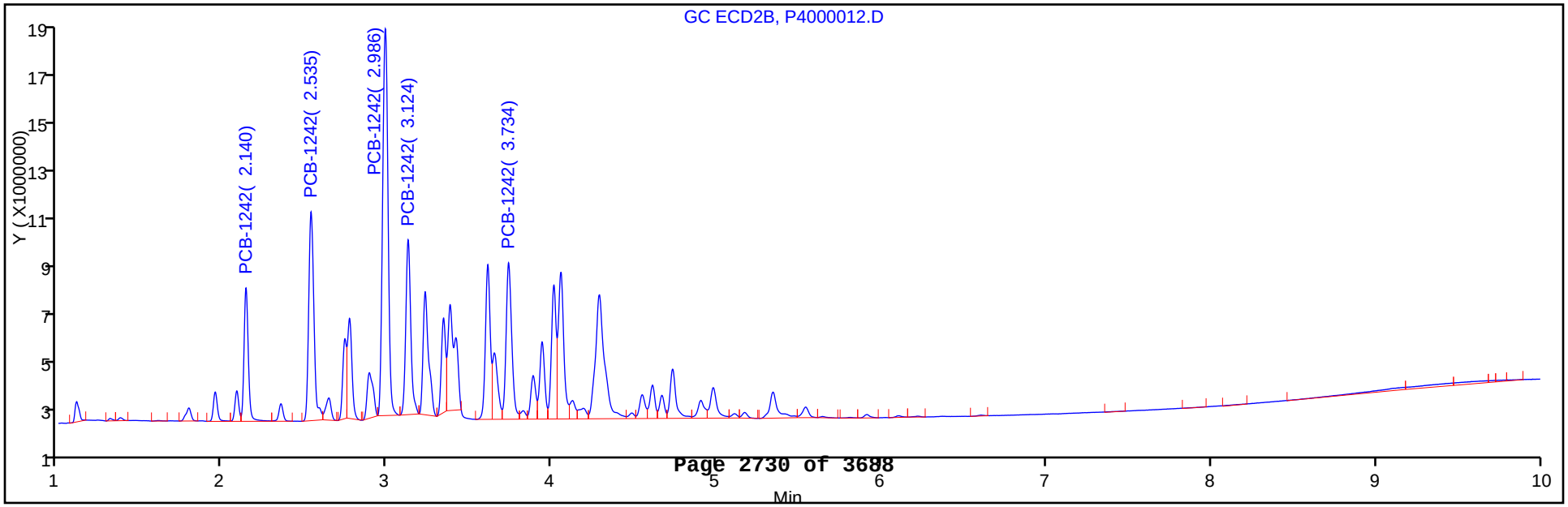
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000012.D

Injection Date:	15-Apr-2013 02:03:15	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000013.D
Lims ID: STD1 1242 Client ID:
Inject. Date: 15-Apr-2013 02:19:01 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0018824-013
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 13
Lims Batch ID: 81761 Lims Sample ID: 13
Sublist: chrom-PCB4*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:48 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
5 PCB-1242									
1	100	1.540	1.540	0.000	20136124	0.9333		100.0	
1	2	1.822	1.821	0.001	37109215	0.9160	153.5- 203.5	184.3	
1	3	2.213	2.213	0.000	75642273	0.9722	312.0- 362.0	375.7	
1	4	2.333	2.333	0.000	32957971	0.9640	127.3- 177.3	163.7	
1	5	2.711	2.711	0.000	32115158	0.9354	124.3- 174.3	159.5	
			Average of Peak Amounts =			0.9442			
2	6	2.139	2.140	-0.001	19903453	0.9227		100.0	
2	7	2.534	2.535	-0.001	38623247	0.9248	163.2- 223.2	194.1	
2	8	2.986	2.986	0.000	79681280	0.9889	335.3- 395.3	400.3	
2	9	3.124	3.123	0.001	34688353	0.9712	133.4- 193.4	174.3	
2	10	3.735	3.733	0.002	32371258	0.9584	119.1- 179.1	162.6	
			Average of Peak Amounts =			0.9532			
						RPD = 0.95			

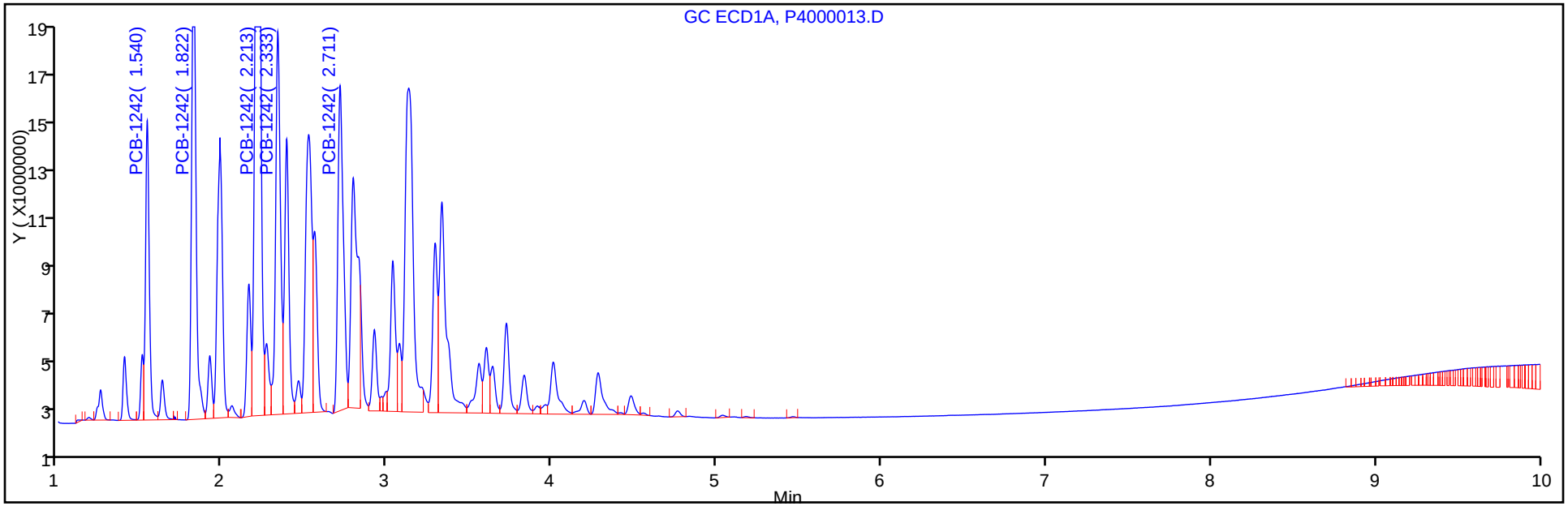
Report Date: 15-Apr-2013 13:04:49 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

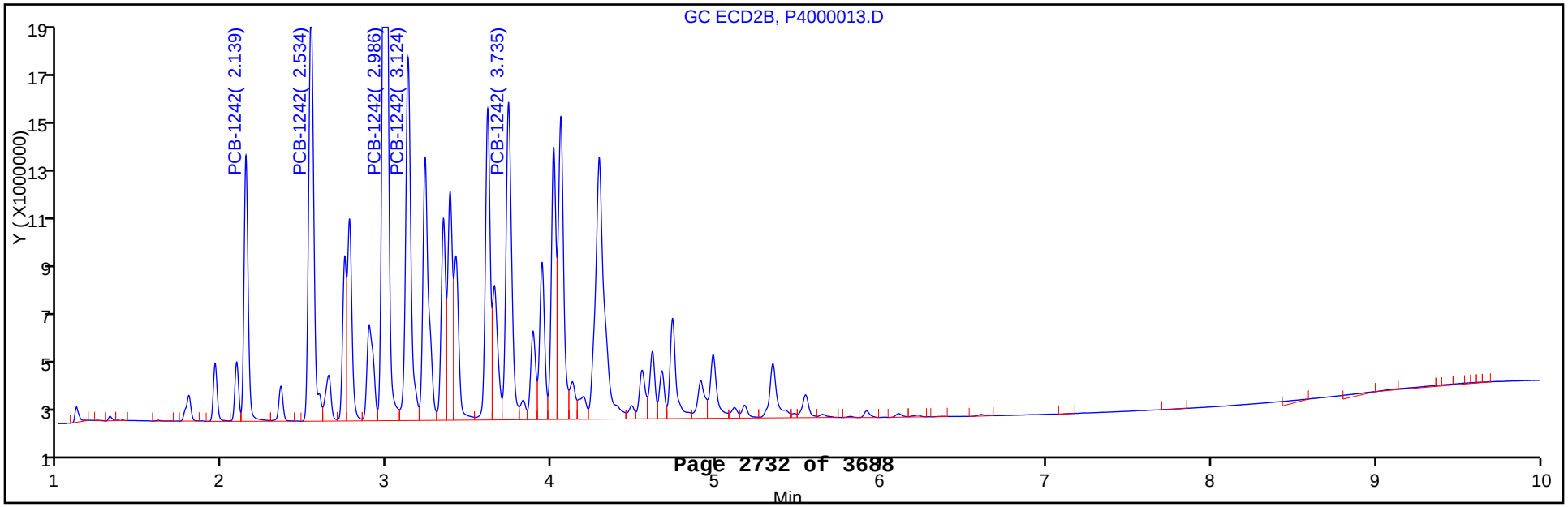
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000013.D

Injection Date:	15-Apr-2013 02:19:01	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000014.D
Lims ID: STD2 1242 Client ID:
Inject. Date: 15-Apr-2013 02:34:41 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0018824-014
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 14
Lims Batch ID: 81761 Lims Sample ID: 14
Sublist: chrom-PCB4*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:50 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 07:53:23

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100	1.540	1.540	0.000	36505486	1.69		100.0	
1	2	1.822	1.821	0.001	67002260	1.65	153.5- 203.5	183.5	M
1	3	2.213	2.213	0.000	143927148	1.85	312.0- 362.0	394.3	M
1	4	2.333	2.333	0.000	62783536	1.84	127.3- 177.3	172.0	M
1	5	2.710	2.711	-0.001	62976939	1.83	124.3- 174.3	172.5	M
			Average of Peak Amounts =			1.77			
2	6	2.139	2.140	-0.001	36078109	1.67		100.0	
2	7	2.535	2.535	0.000	69968164	1.68	163.2- 223.2	193.9	
2	8	2.986	2.986	0.000	150021790	1.86	335.3- 395.3	415.8	
2	9	3.124	3.123	0.001	64419209	1.80	133.4- 193.4	178.6	
2	10	3.733	3.733	0.000	60641277	1.80	119.1- 179.1	168.1	
			Average of Peak Amounts =			1.76			
						RPD = 0.65			

QC Flag Legend

Review Flags
M - Manually Integrated

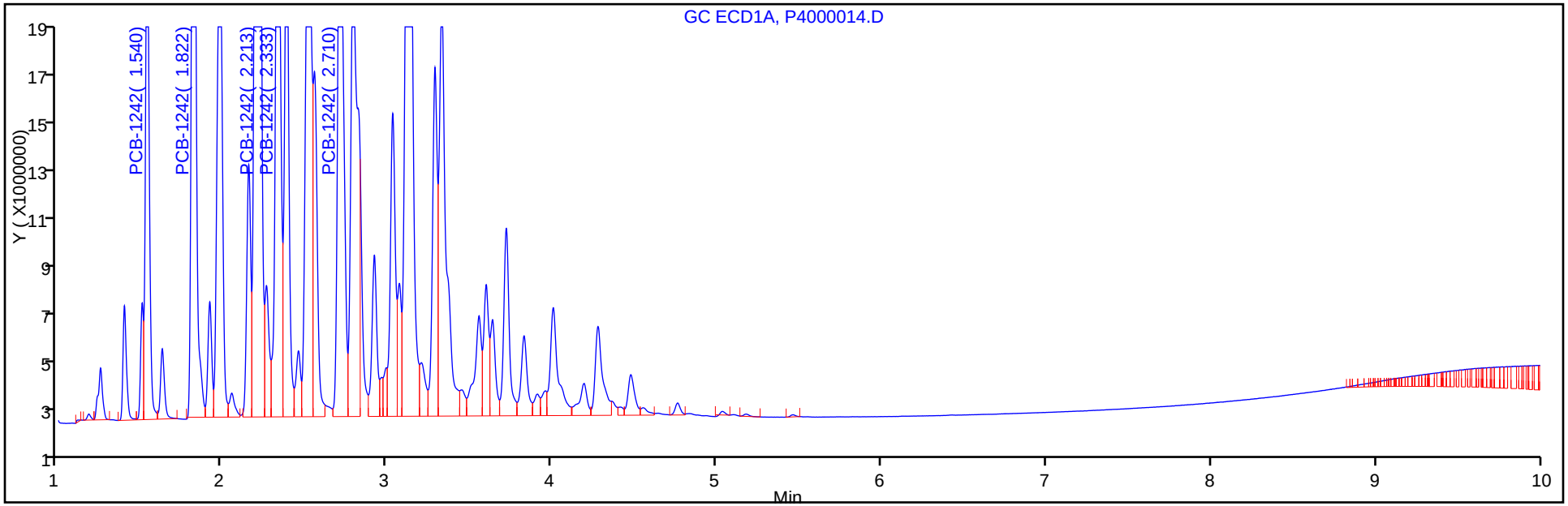
Report Date: 15-Apr-2013 13:04:50 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

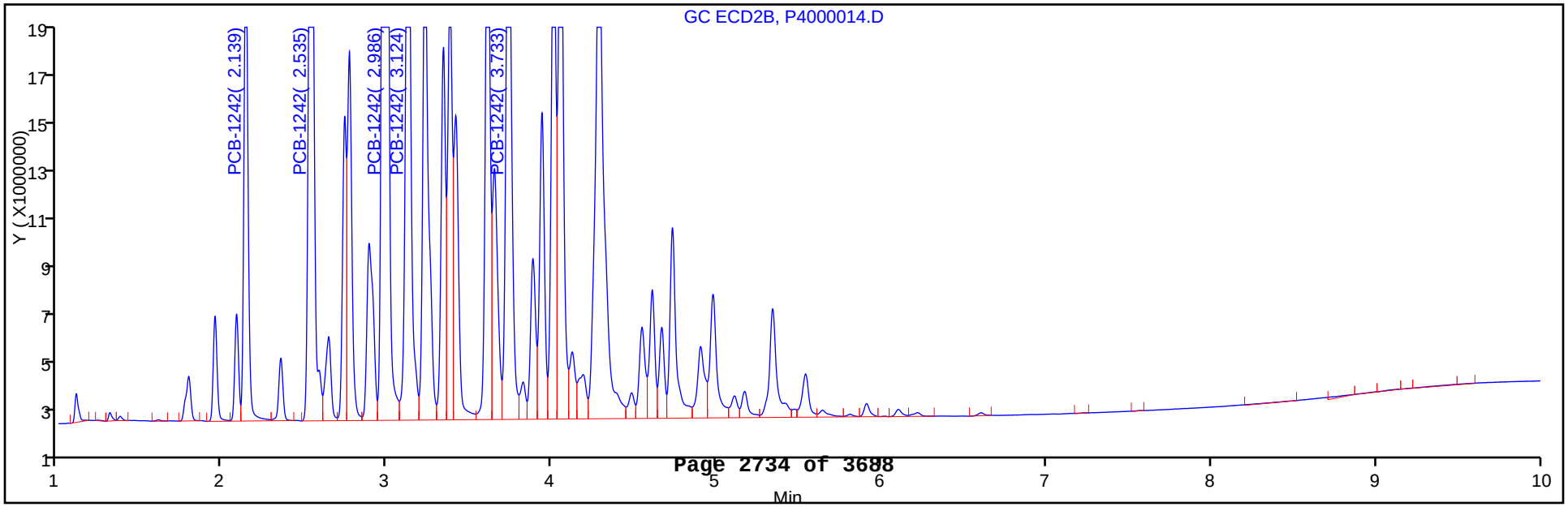
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000014.D

Injection Date:	15-Apr-2013 02:34:41	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	14
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



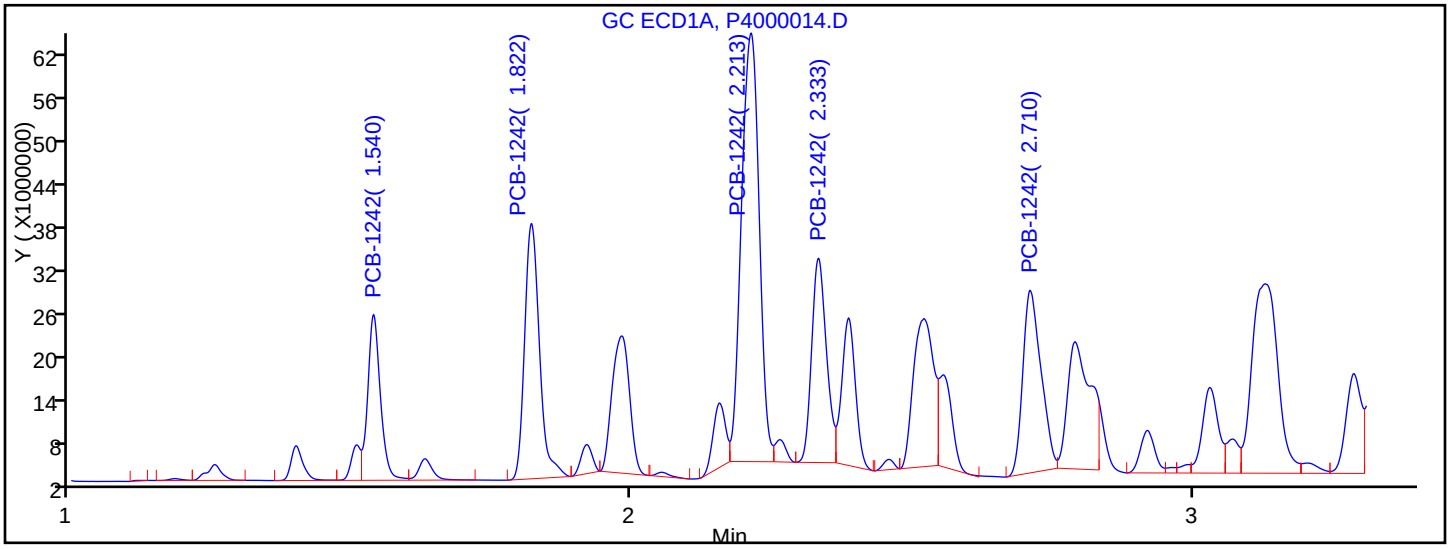
Report Date: 15-Apr-2013 13:04:51 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000014.D

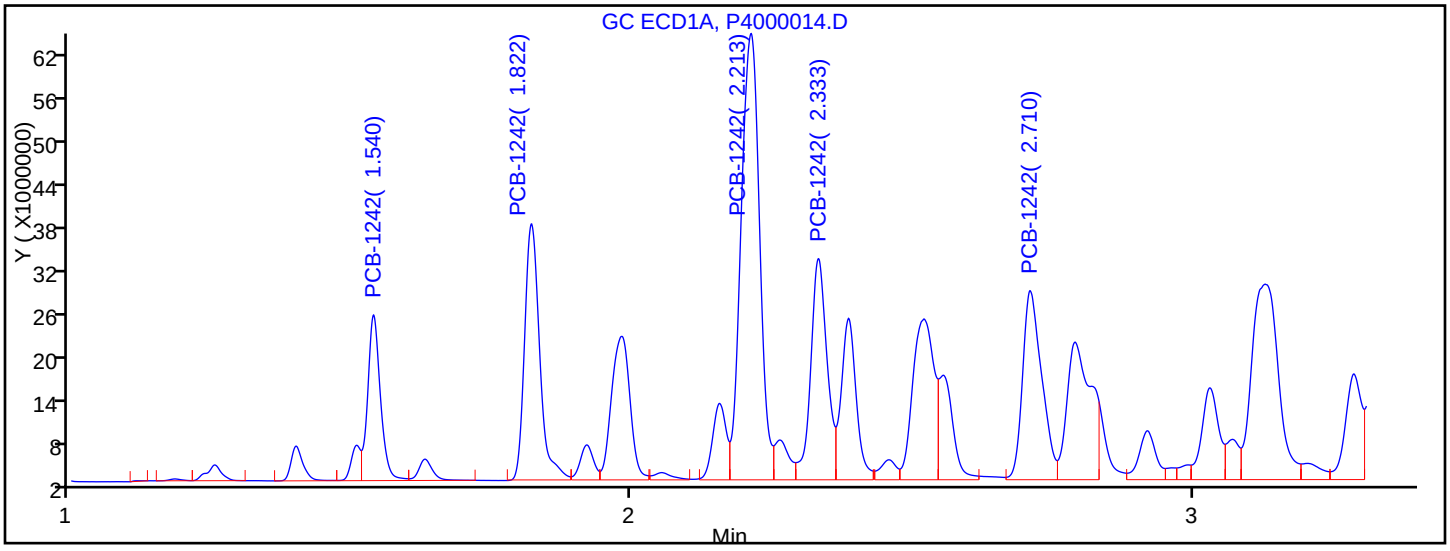
Injection Date:	15-Apr-2013 02:34:41	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	14
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

5 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.540	Response = 36505486	
RT = 1.822	Response = 65822463	M
RT = 2.213	Response = 132192423	M
RT = 2.333	Response = 52602075	M
RT = 2.710	Response = 57788693	M



Manual Integration Results

RT = 1.540	Response = 36505486	
RT = 1.822	Response = 67002260	M
RT = 2.213	Response = 143927148	M
RT = 2.333	Response = 62783536	M
RT = 2.710	Response = 62976939	M

Reviewer: hassl, 15-Apr-2013 07:53:23

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1 Analy Batch No.: 81761

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2013 01:16 Calibration End Date: 04/15/2013 02:34 Calibration ID: 14516

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-81761/9	P4000009.D
Level 2	STD01 240-81761/10	P4000010.D
Level 3	STD02 240-81761/11	P4000011.D
Level 4	STD05 240-81761/12	P4000012.D
Level 5	STD1 240-81761/13	P4000013.D
Level 6	STD2 240-81761/14	P4000014.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1242 Peak 1	2.140	2.140	2.139	2.140	2.139	2.139					2.040 - 2.240	2.140
PCB-1242 Peak 2	2.535	2.535	2.534	2.535	2.534	2.535					2.435 - 2.635	2.535
PCB-1242 Peak 3	2.986	2.985	2.986	2.986	2.986	2.986					2.886 - 3.086	2.986
PCB-1242 Peak 4	3.123	3.124	3.124	3.124	3.124	3.124					3.023 - 3.223	3.124
PCB-1242 Peak 5	3.733	3.734	3.734	3.734	3.735	3.733					3.633 - 3.833	3.734

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-22804-1 Analy Batch No.: 81761

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2013 01:16 Calibration End Date: 04/15/2013 02:34 Calibration ID: 14516

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-81761/9	P4000009.D
Level 2	STD01 240-81761/10	P4000010.D
Level 3	STD02 240-81761/11	P4000011.D
Level 4	STD05 240-81761/12	P4000012.D
Level 5	STD1 240-81761/13	P4000013.D
Level 6	STD2 240-81761/14	P4000014.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								
PCB-1242 Peak 1	24539940 19903453	23815980 18039055	22529365	20597568	Ave		21570893.4				12.0		20.0			
PCB-1242 Peak 2	47591660 38623247	46717140 34984082	43533675	39128370	Ave		41763029.0				12.0		20.0			
PCB-1242 Peak 3	84976760 79681280	86640770 75010895	82292225	74869064	Ave		80578499.0				6.2		20.0			
PCB-1242 Peak 4	38601820 34688353	40807440 32209605	36814080	31178726	Ave		35716670.6				10.0		20.0			
PCB-1242 Peak 5	36727980 32371258	37783010 30320639	33598955	31860608	Ave		33777074.9				8.6		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-22804-1 Analy Batch No.: 81761

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2013 01:16 Calibration End Date: 04/15/2013 02:34 Calibration ID: 14516

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-81761/9	P4000009.D
Level 2	STD01 240-81761/10	P4000010.D
Level 3	STD02 240-81761/11	P4000011.D
Level 4	STD05 240-81761/12	P4000012.D
Level 5	STD1 240-81761/13	P4000013.D
Level 6	STD2 240-81761/14	P4000014.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1242 Peak 1	Ave	1226997 36078109	2381598	4505873	10298784	19903453	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 2	Ave	2379583 69968164	4671714	8706735	19564185	38623247	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 3	Ave	4248838 150021790	8664077	16458445	37434532	79681280	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 4	Ave	1930091 64419209	4080744	7362816	15589363	34688353	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 5	Ave	1836399 60641277	3778301	6719791	15930304	32371258	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000009.D		
Lims ID:	STD005 1242	Client ID:	
Inject. Date:	15-Apr-2013 01:16:16	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0018824-009		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 ul	ALS Bottle#:	9
Lims Batch ID:	81761	Lims Sample ID:	9
Sublist:	chrom-PCB4*sub2		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m		
Last Update:	15-Apr-2013 13:04:42	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 07:52:23

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100	1.540	1.540	0.000	1260674	0.0584		100.0	
1	2	1.821	1.821	0.000	2365416	0.0584	153.5- 203.5	187.6	
1	3	2.213	2.213	0.000	4116835	0.0529	312.0- 362.0	326.6	
1	4	2.333	2.333	0.000	1681125	0.0492	127.3- 177.3	133.4	
1	5	2.711	2.711	0.000	1841542	0.0536	124.3- 174.3	146.1	
			Average of Peak Amounts =			0.0545			
2	6	2.140	2.140	0.000	1226997	0.0569		100.0	
2	7	2.535	2.535	0.000	2379583	0.0570	163.2- 223.2	193.9	
2	8	2.986	2.986	0.000	4248838	0.0527	335.3- 395.3	346.3	
2	9	3.123	3.123	0.000	1930091	0.0540	133.4- 193.4	157.3	
2	10	3.733	3.733	0.000	1836399	0.0544	119.1- 179.1	149.7	
			Average of Peak Amounts =			0.0550			
						RPD = 0.90			

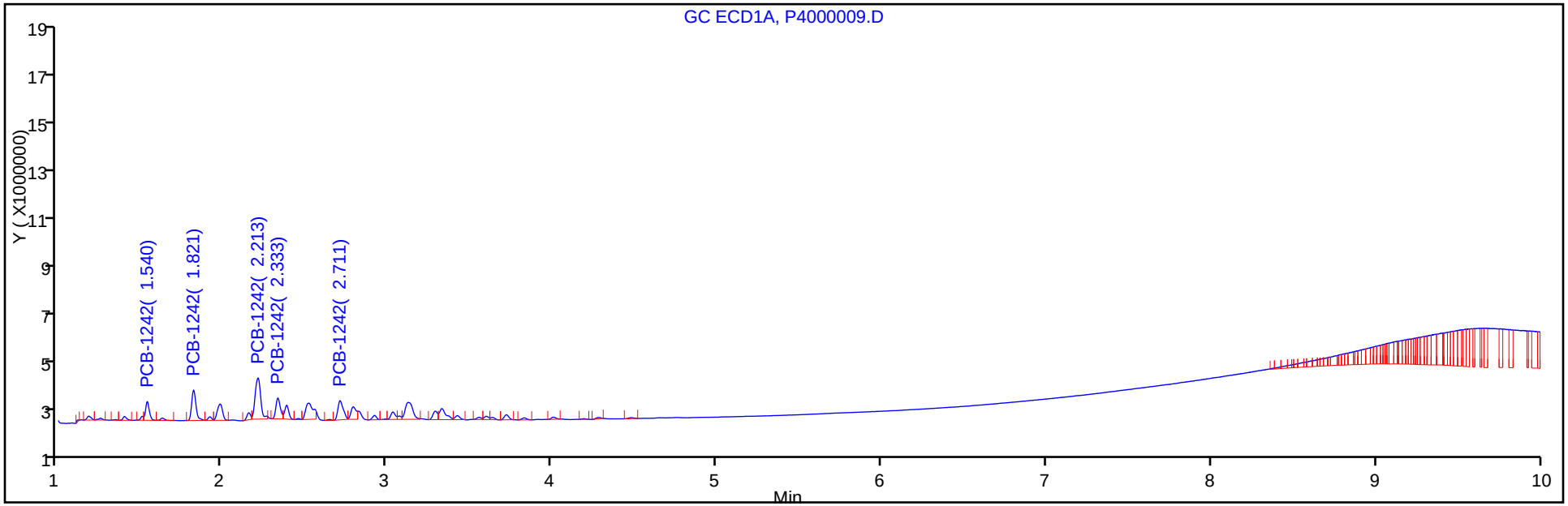
Report Date: 15-Apr-2013 13:04:43 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

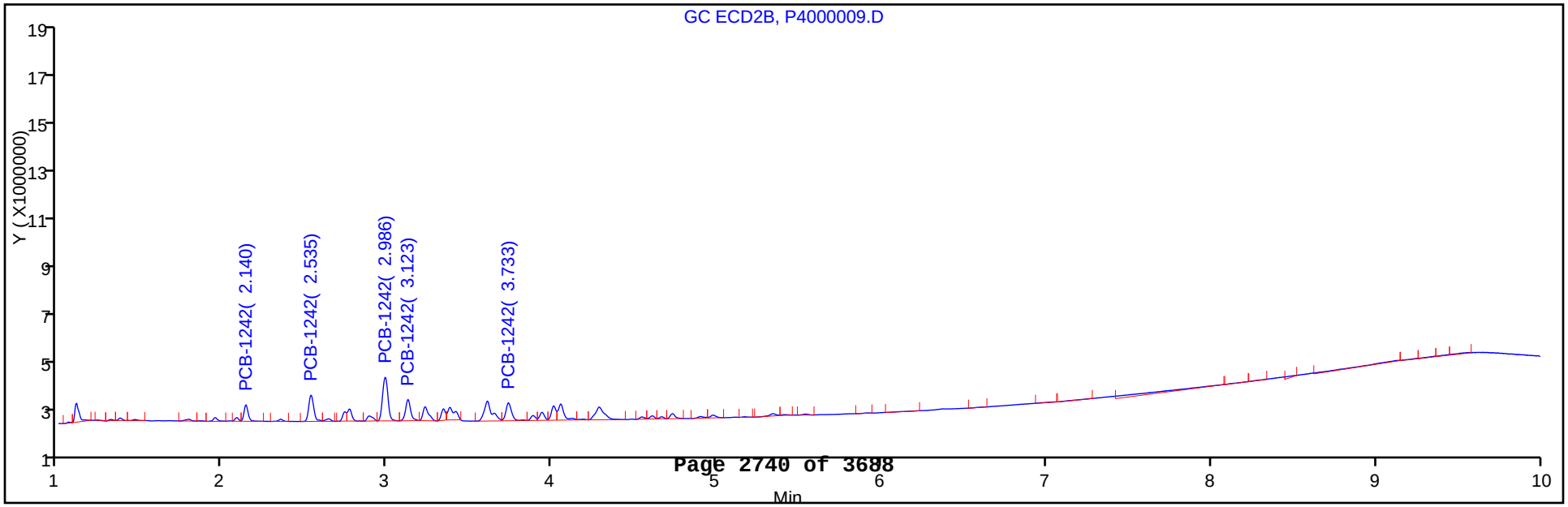
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000009.D

Injection Date:	15-Apr-2013 01:16:16	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000010.D
Lims ID: STD01 1242 Client ID:
Inject. Date: 15-Apr-2013 01:31:55 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0018824-010
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 10
Lims Batch ID: 81761 Lims Sample ID: 10
Sublist: chrom-PCB4*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:44 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
5 PCB-1242									
1	100	1.536	1.540	-0.004	2148224	0.0996		100.0	
1	2	1.821	1.821	0.000	4527513	0.1118	153.5- 203.5	210.8	
1	3	2.213	2.213	0.000	8375986	0.1077	312.0- 362.0	389.9	
1	4	2.334	2.333	0.001	3834787	0.1122	127.3- 177.3	178.5	
1	5	2.711	2.711	0.000	3788833	0.1104	124.3- 174.3	176.4	
			Average of Peak Amounts =			0.1083			
2	6	2.140	2.140	0.000	2381598	0.1104		100.0	
2	7	2.535	2.535	0.000	4671714	0.1119	163.2- 223.2	196.2	
2	8	2.985	2.986	-0.001	8664077	0.1075	335.3- 395.3	363.8	
2	9	3.124	3.123	0.001	4080744	0.1143	133.4- 193.4	171.3	
2	10	3.734	3.733	0.001	3778301	0.1119	119.1- 179.1	158.6	
			Average of Peak Amounts =			0.1112			
						RPD = 2.62			

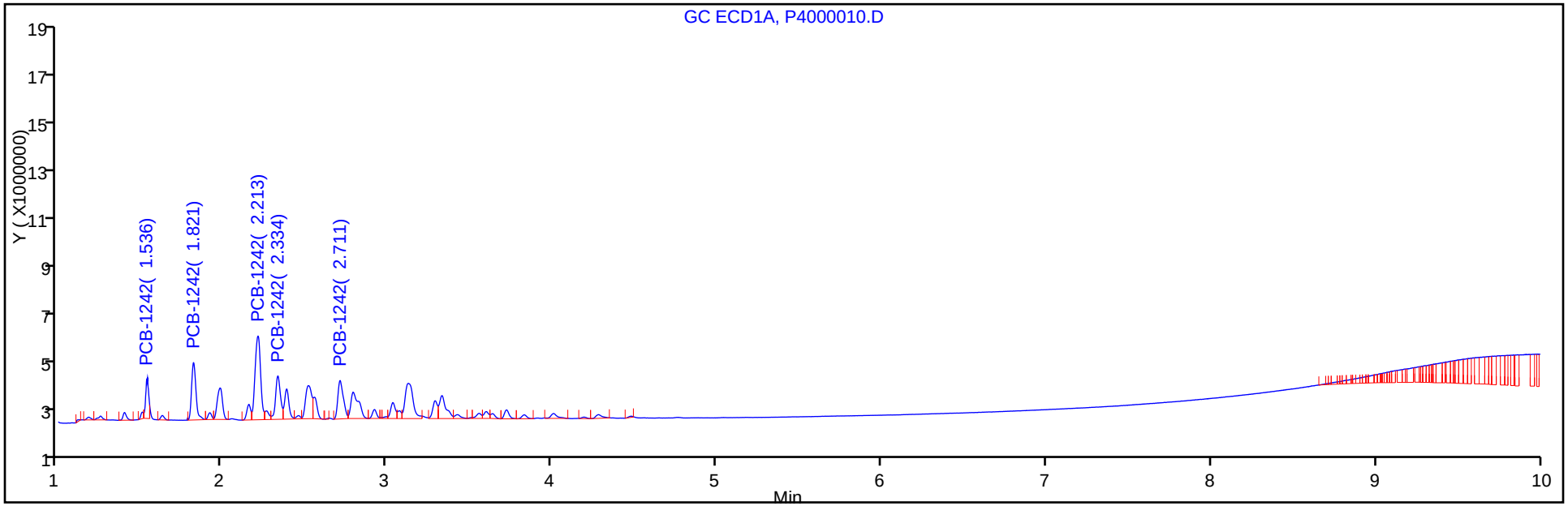
Report Date: 15-Apr-2013 13:04:45 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

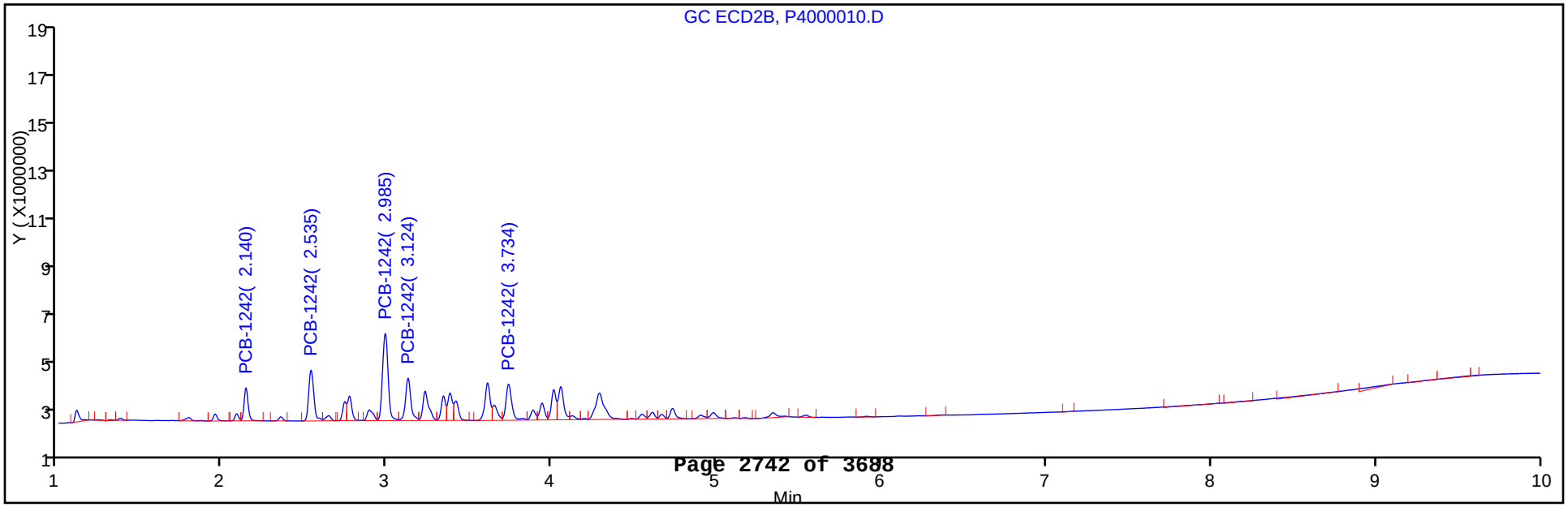
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000010.D

Injection Date:	15-Apr-2013 01:31:55	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	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



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000011.D		
Lims ID:	STD02 1242	Client ID:	
Inject. Date:	15-Apr-2013 01:47:35	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	240-0018824-011		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 ul	ALS Bottle#:	11
Lims Batch ID:	81761	Lims Sample ID:	11
Sublist:	chrom-PCB4*sub2		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m		
Last Update:	15-Apr-2013 13:04:45	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 07:53:05

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100	1.540	1.540	0.000	4671525	0.2165		100.0	
1	2	1.821	1.821	0.000	8338374	0.2058	153.5- 203.5	178.5	
1	3	2.212	2.213	-0.001	15741439	0.2023	312.0- 362.0	337.0	M
1	4	2.333	2.333	0.000	7117029	0.2082	127.3- 177.3	152.3	M
1	5	2.711	2.711	0.000	6973156	0.2031	124.3- 174.3	149.3	M
			Average of Peak Amounts =			0.2072			
2	6	2.139	2.140	-0.001	4505873	0.2089		100.0	
2	7	2.534	2.535	-0.001	8706735	0.2085	163.2- 223.2	193.2	
2	8	2.986	2.986	0.000	16458445	0.2043	335.3- 395.3	365.3	
2	9	3.124	3.123	0.001	7362816	0.2061	133.4- 193.4	163.4	
2	10	3.734	3.733	0.001	6719791	0.1989	119.1- 179.1	149.1	
			Average of Peak Amounts =			0.2053			
						RPD = 0.90			

QC Flag Legend

Review Flags
M - Manually Integrated

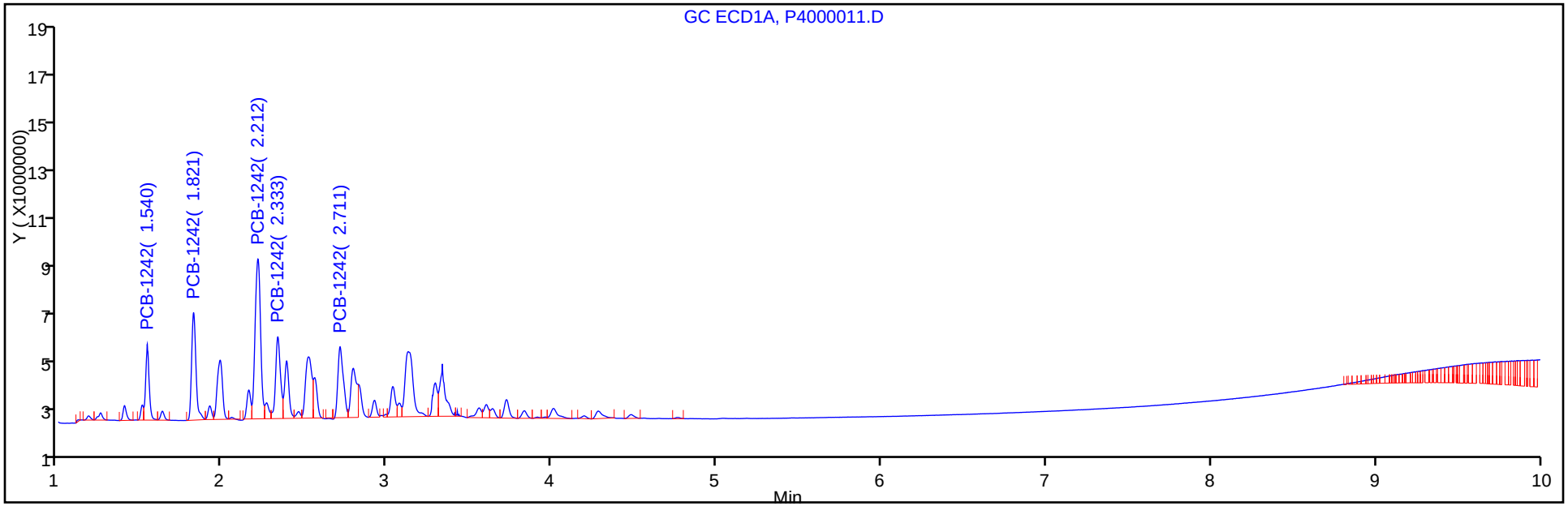
Report Date: 15-Apr-2013 13:04:46 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

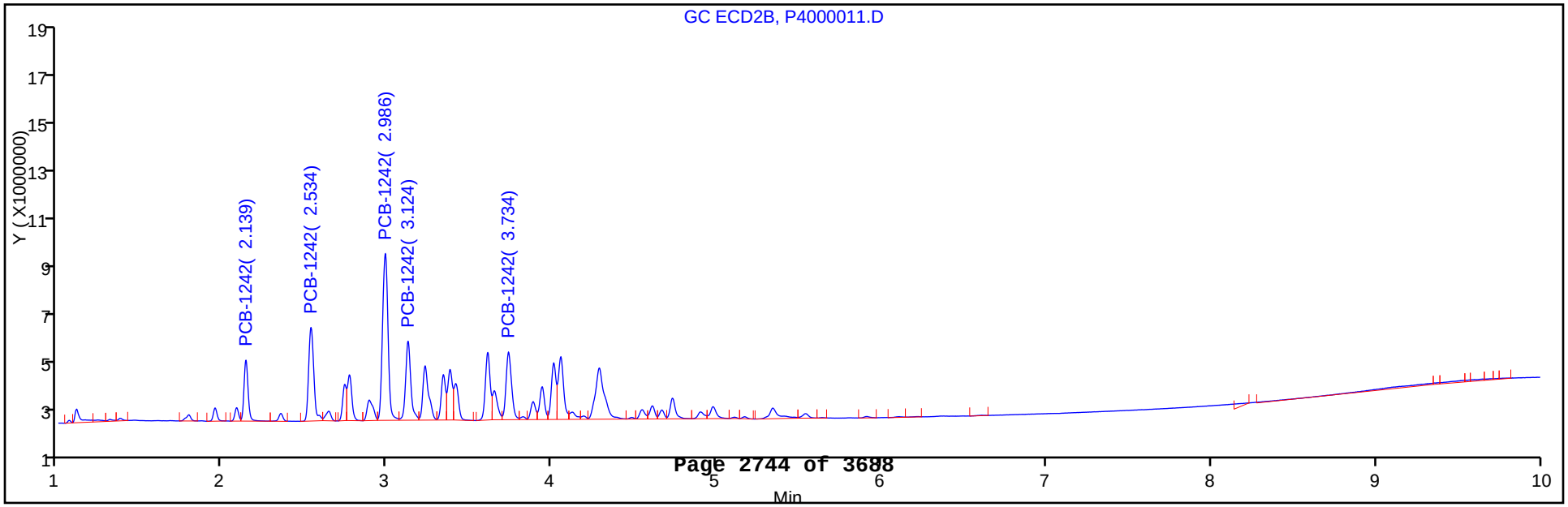
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000011.D

Injection Date:	15-Apr-2013 01:47:35	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000012.D
Lims ID: STD05 1242 Client ID:
Inject. Date: 15-Apr-2013 02:03:15 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0018824-012
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 12
Lims Batch ID: 81761 Lims Sample ID: 12
Sublist: chrom-PCB4*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:47 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 05:51:54

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100	1.541	1.540	0.001	10506706	0.4870		100.0	
1	2	1.822	1.821	0.001	19088559	0.4712	153.5- 203.5	181.7	
1	3	2.213	2.213	0.000	37212620	0.4783	312.0- 362.0	354.2	
1	4	2.334	2.333	0.001	16611102	0.4859	127.3- 177.3	158.1	
1	5	2.712	2.711	0.001	16401781	0.4777	124.3- 174.3	156.1	
			Average of Peak Amounts =			0.4800			
2	6	2.140	2.140	0.000	10298784	0.4774		100.0	
2	7	2.535	2.535	0.000	19564185	0.4685	163.2- 223.2	190.0	
2	8	2.986	2.986	0.000	37434532	0.4646	335.3- 395.3	363.5	
2	9	3.124	3.123	0.001	15589363	0.4365	133.4- 193.4	151.4	
2	10	3.734	3.733	0.001	15930304	0.4716	119.1- 179.1	154.7	
			Average of Peak Amounts =			0.4637			
						RPD = 3.45			

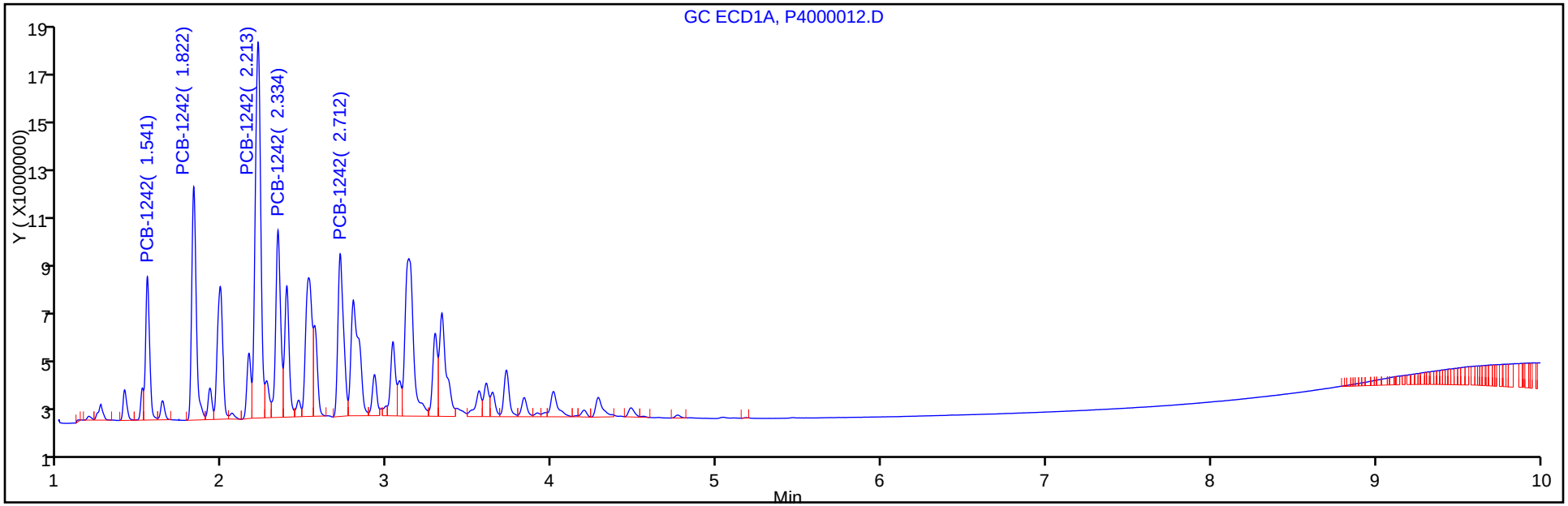
Report Date: 15-Apr-2013 13:04:48 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

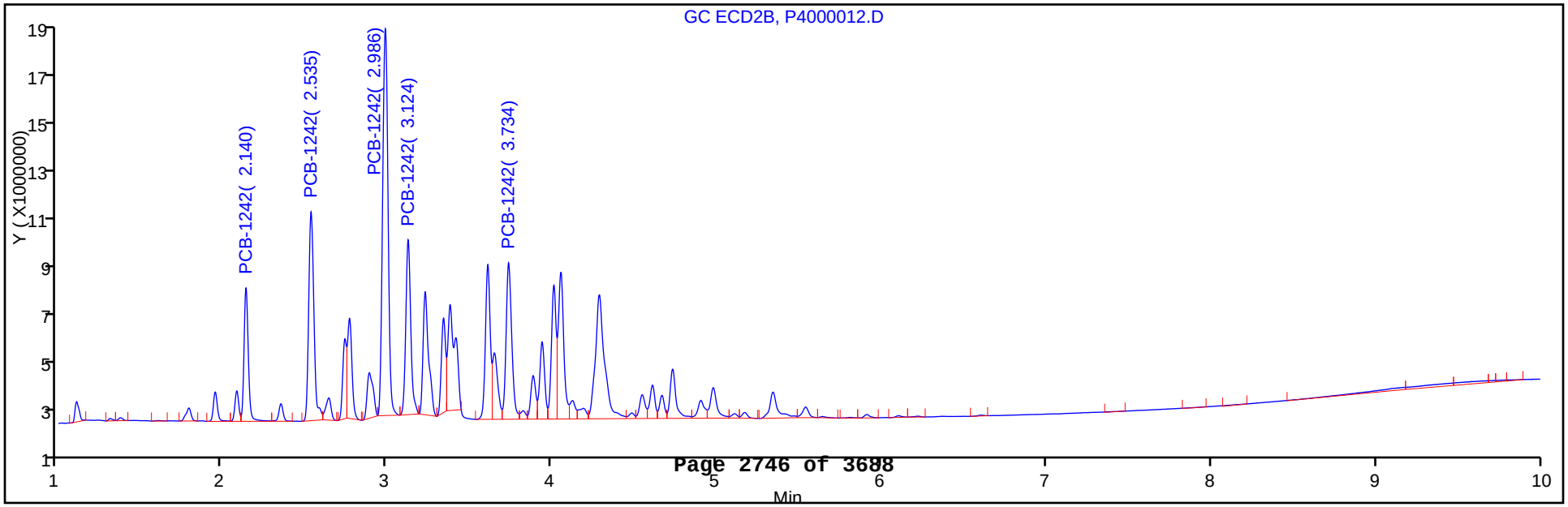
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000012.D

Injection Date:	15-Apr-2013 02:03:15	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000013.D
Lims ID: STD1 1242 Client ID:
Inject. Date: 15-Apr-2013 02:19:01 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0018824-013
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 13
Lims Batch ID: 81761 Lims Sample ID: 13
Sublist: chrom-PCB4*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:48 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
5 PCB-1242									
1	100	1.540	1.540	0.000	20136124	0.9333		100.0	
1	2	1.822	1.821	0.001	37109215	0.9160	153.5- 203.5	184.3	
1	3	2.213	2.213	0.000	75642273	0.9722	312.0- 362.0	375.7	
1	4	2.333	2.333	0.000	32957971	0.9640	127.3- 177.3	163.7	
1	5	2.711	2.711	0.000	32115158	0.9354	124.3- 174.3	159.5	
			Average of Peak Amounts =			0.9442			
2	6	2.139	2.140	-0.001	19903453	0.9227		100.0	
2	7	2.534	2.535	-0.001	38623247	0.9248	163.2- 223.2	194.1	
2	8	2.986	2.986	0.000	79681280	0.9889	335.3- 395.3	400.3	
2	9	3.124	3.123	0.001	34688353	0.9712	133.4- 193.4	174.3	
2	10	3.735	3.733	0.002	32371258	0.9584	119.1- 179.1	162.6	
			Average of Peak Amounts =			0.9532			
						RPD = 0.95			

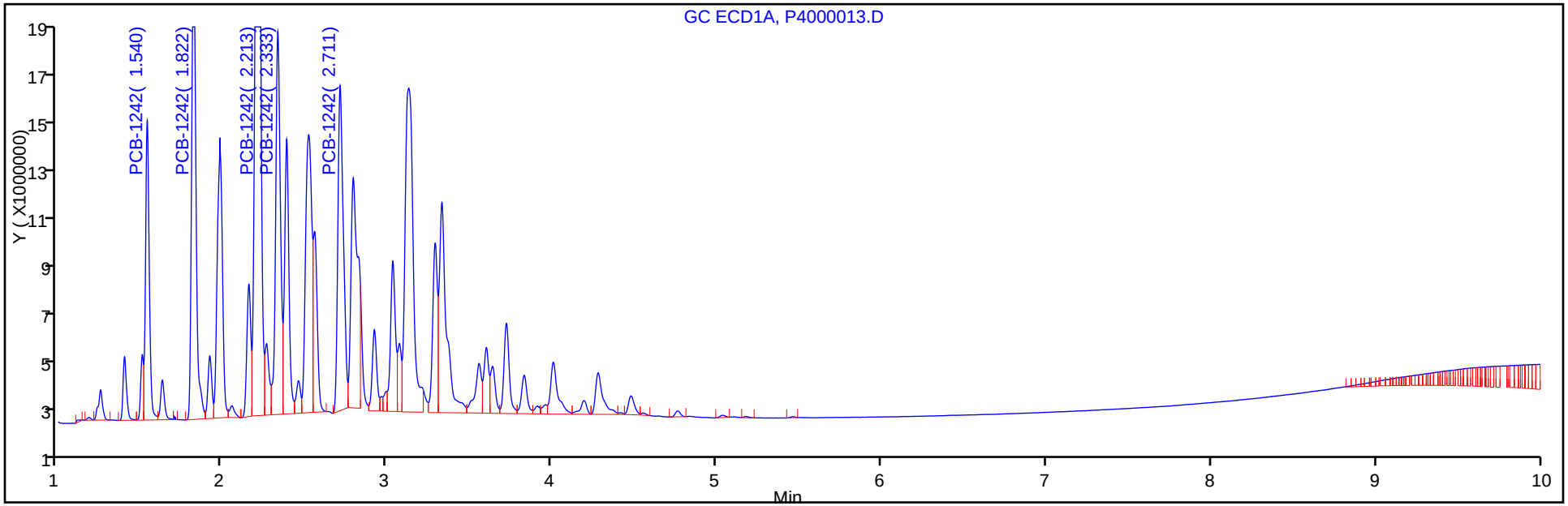
Report Date: 15-Apr-2013 13:04:49 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

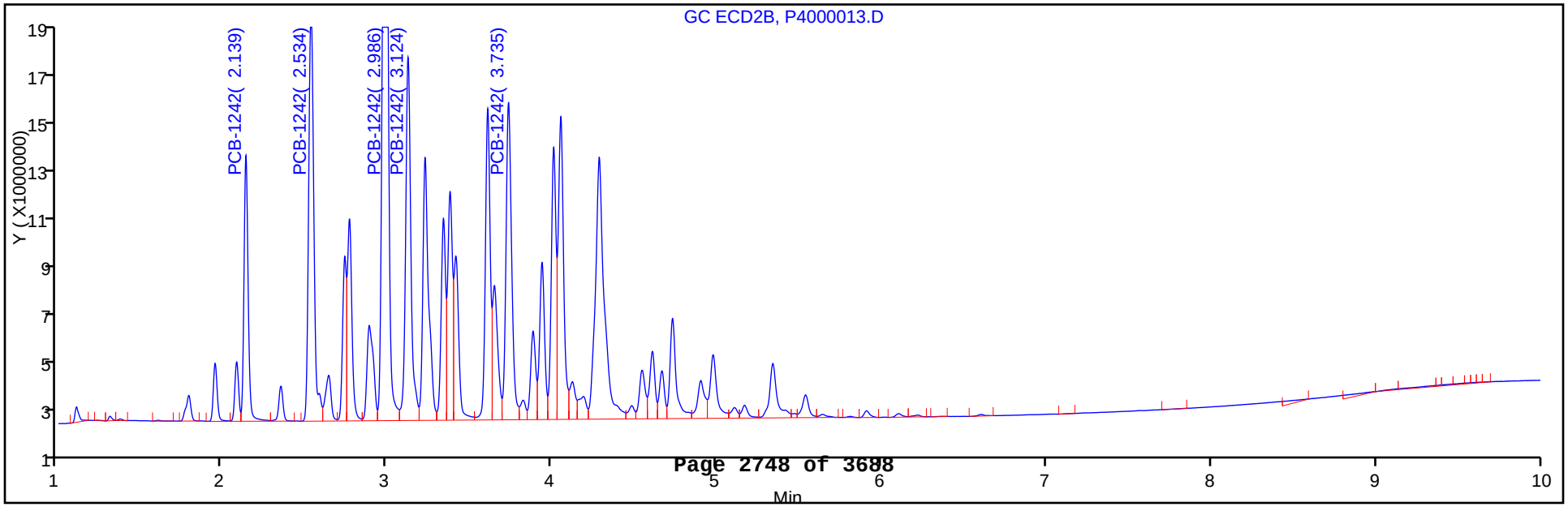
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000013.D

Injection Date:	15-Apr-2013 02:19:01	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	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



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000014.D		
Lims ID:	STD2 1242	Client ID:	
Inject. Date:	15-Apr-2013 02:34:41	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0018824-014		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 ul	ALS Bottle#:	14
Lims Batch ID:	81761	Lims Sample ID:	14
Sublist:	chrom-PCB4*sub2		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m		
Last Update:	15-Apr-2013 13:04:50	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 07:53:23

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100	1.540	1.540	0.000	36505486	1.69		100.0	
1	2	1.822	1.821	0.001	67002260	1.65	153.5- 203.5	183.5	M
1	3	2.213	2.213	0.000	143927148	1.85	312.0- 362.0	394.3	M
1	4	2.333	2.333	0.000	62783536	1.84	127.3- 177.3	172.0	M
1	5	2.710	2.711	-0.001	62976939	1.83	124.3- 174.3	172.5	M
			Average of Peak Amounts =			1.77			
2	6	2.139	2.140	-0.001	36078109	1.67		100.0	
2	7	2.535	2.535	0.000	69968164	1.68	163.2- 223.2	193.9	
2	8	2.986	2.986	0.000	150021790	1.86	335.3- 395.3	415.8	
2	9	3.124	3.123	0.001	64419209	1.80	133.4- 193.4	178.6	
2	10	3.733	3.733	0.000	60641277	1.80	119.1- 179.1	168.1	
			Average of Peak Amounts =			1.76			
						RPD = 0.65			

QC Flag Legend

Review Flags
M - Manually Integrated

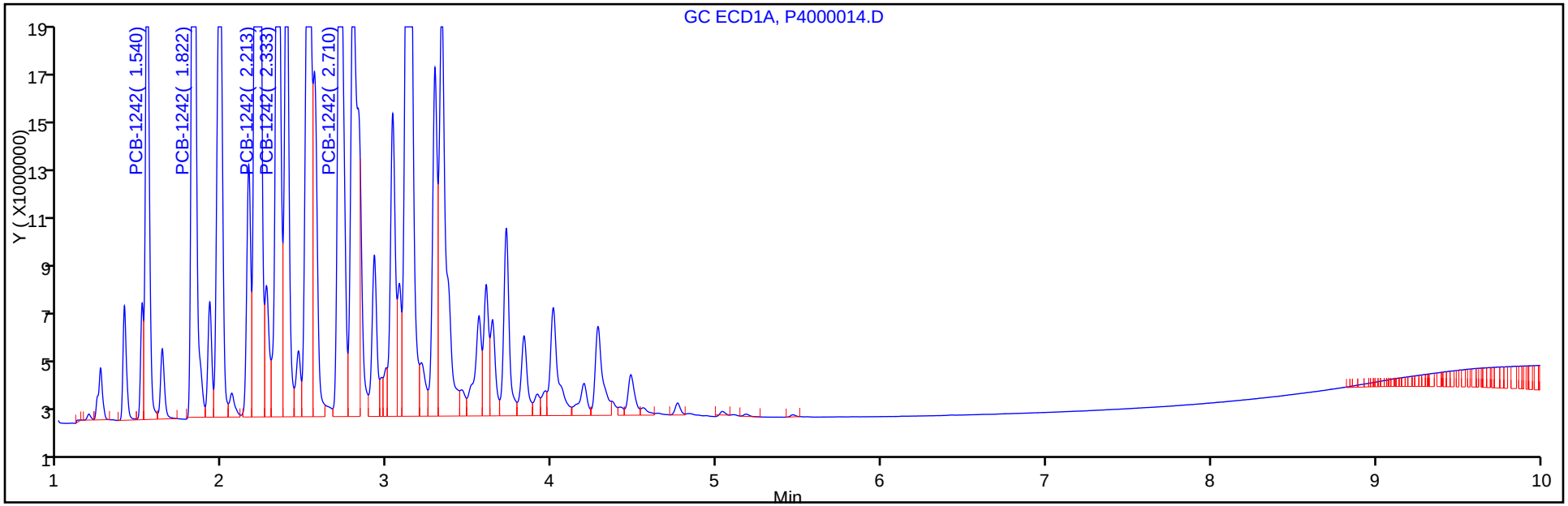
Report Date: 15-Apr-2013 13:04:51 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

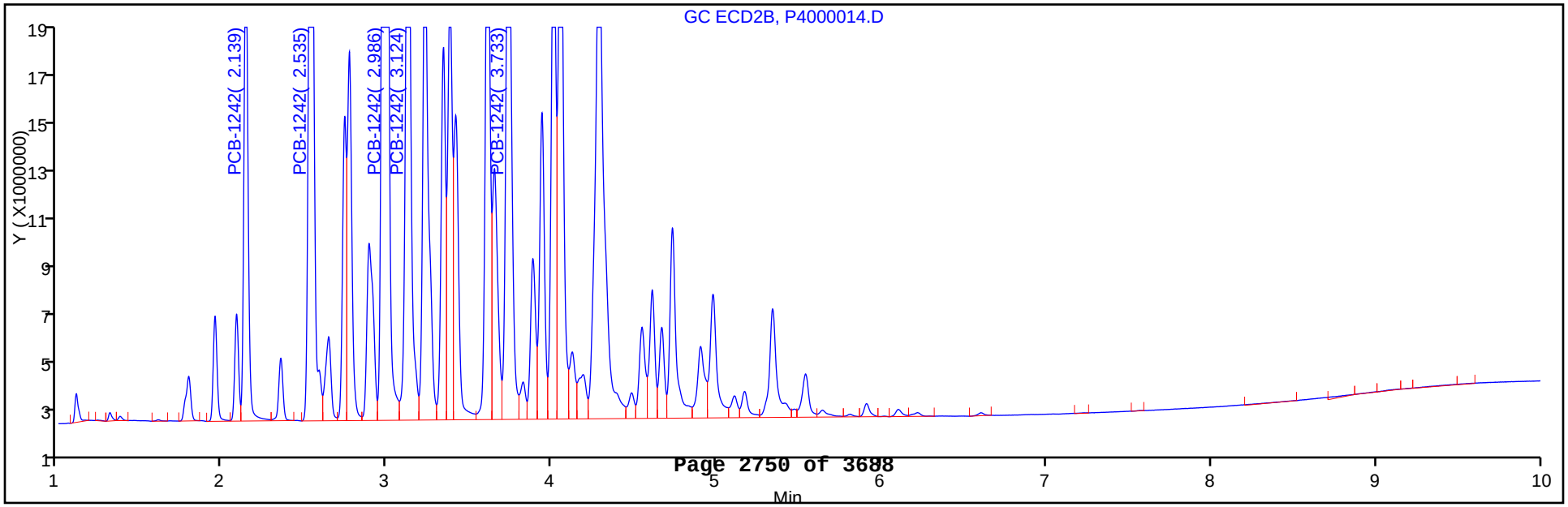
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000014.D

Injection Date:	15-Apr-2013 02:34:41	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	14
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 VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1 Analy Batch No.: 81761

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2013 02:50 Calibration End Date: 04/15/2013 04:08 Calibration ID: 14521

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-81761/15	P4000015.D
Level 2	STD01 240-81761/16	P4000016.D
Level 3	STD02 240-81761/17	P4000017.D
Level 4	STD05 240-81761/18	P4000018.D
Level 5	STD1 240-81761/19	P4000019.D
Level 6	STD2 240-81761/20	P4000020.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1248 Peak 1	1.821	1.821	1.823	1.822	1.822	1.822					1.721 - 1.921	1.822
PCB-1248 Peak 2	2.210	2.212	2.213	2.212	2.213	2.213					2.110 - 2.310	2.212
PCB-1248 Peak 3	2.711	2.711	2.713	2.712	2.712	2.711					2.611 - 2.811	2.712
PCB-1248 Peak 4	3.290	3.289	3.290	3.290	3.290	3.289					3.190 - 3.390	3.290
PCB-1248 Peak 5	3.721	3.723	3.723	3.722	3.721	3.721					3.621 - 3.821	3.722

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-22804-1 Analy Batch No.: 81761

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2013 02:50 Calibration End Date: 04/15/2013 04:08 Calibration ID: 14521

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-81761/15	P4000015.D
Level 2	STD01 240-81761/16	P4000016.D
Level 3	STD02 240-81761/17	P4000017.D
Level 4	STD05 240-81761/18	P4000018.D
Level 5	STD1 240-81761/19	P4000019.D
Level 6	STD2 240-81761/20	P4000020.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								
PCB-1248 Peak 1	22808440 18644528	22396480 17228404	21265040	18620612	Ave		20160584.0				11.0		20.0			
PCB-1248 Peak 2	49182060 48573249	53214070 46753398	44899700	46328216	Ave		48158448.8				6.1		20.0			
PCB-1248 Peak 3	62745220 54549073	60270520 52075353	57922345	52210644	Ave		56628859.1				7.8		20.0			
PCB-1248 Peak 4	28377660 29177858	28880170 28641530	27926845	26888042	Ave		28315350.8				2.9		20.0			
PCB-1248 Peak 5	26088960 28094417	28823300 27587981	27291550	27036588	Ave		27487132.7				3.4		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-22804-1 Analy Batch No.: 81761

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2013 02:50 Calibration End Date: 04/15/2013 04:08 Calibration ID: 14521

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-81761/15	P4000015.D
Level 2	STD01 240-81761/16	P4000016.D
Level 3	STD02 240-81761/17	P4000017.D
Level 4	STD05 240-81761/18	P4000018.D
Level 5	STD1 240-81761/19	P4000019.D
Level 6	STD2 240-81761/20	P4000020.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1248 Peak 1	Ave	1140422 34456808	2239648	4253008	9310306	18644528	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 2	Ave	2459103 93506796	5321407	8979940	23164108	48573249	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 3	Ave	3137261 104150705	6027052	11584469	26105322	54549073	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 4	Ave	1418883 57283059	2888017	5585369	13444021	29177858	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 5	Ave	1304448 55175962	2882330	5458310	13518294	28094417	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:

Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000015.D
Lims ID: STD005 1248 Client ID:
Inject. Date: 15-Apr-2013 02:50:20 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0018824-015
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 15
Lims Batch ID: 81761 Lims Sample ID: 15
Sublist: chrom-PCB4*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:51 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	1.821	1.821	0.000	1140422	0.0566		100.0	
1	2	2.210	2.210	0.000	2459103	0.0511	186.1- 236.1	215.6	
1	3	2.711	2.711	0.000	3137261	0.0554	247.4- 297.4	275.1	
1	4	3.290	3.290	0.000	1418883	0.0501	106.3- 156.3	124.4	
1	5	3.721	3.721	0.000	1304448	0.0475	103.3- 153.3	114.4	
			Average of Peak Amounts =			0.0521			
2	6	2.532	2.532	0.000	1195857	0.0582		100.0	
2	7	2.982	2.982	0.000	2892764	0.0554	215.2- 275.2	241.9	
2	8	3.733	3.733	0.000	2934602	0.0547	225.9- 285.9	245.4	
2	9	4.008	4.008	0.000	2371135	0.0531	178.4- 238.4	198.3	
2	10	4.730	4.730	0.000	1469740	0.0499	97.2- 157.2	122.9	
			Average of Peak Amounts =			0.0543			
						RPD = 4.02			

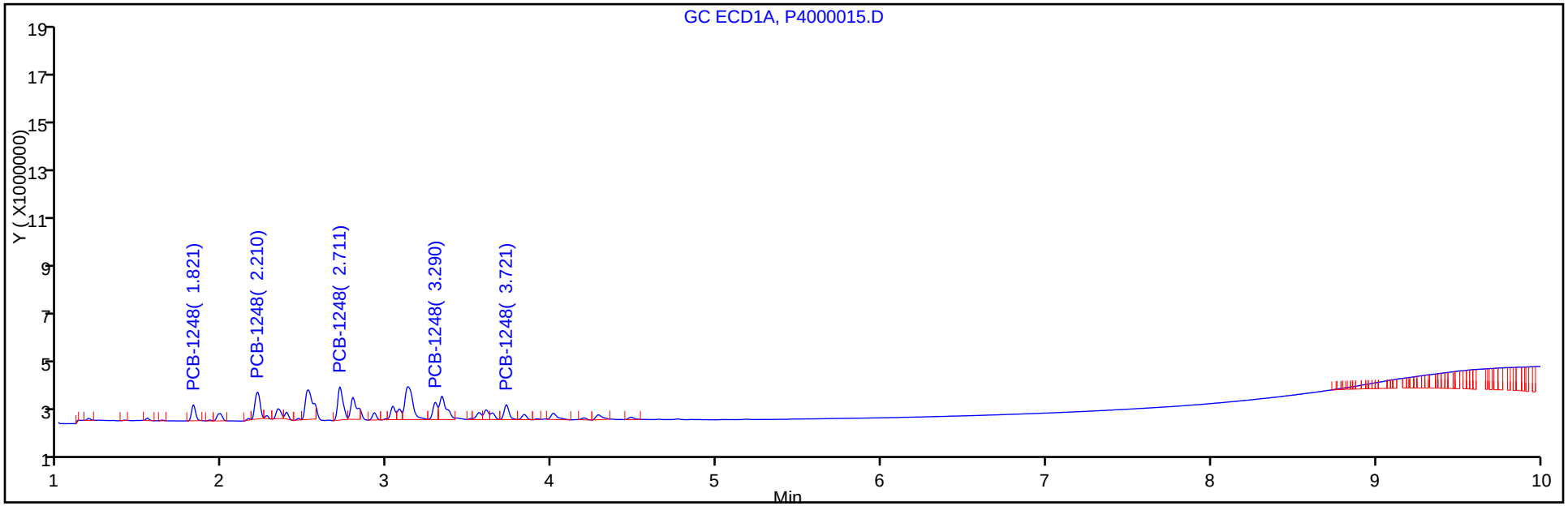
Report Date: 15-Apr-2013 13:04:52 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

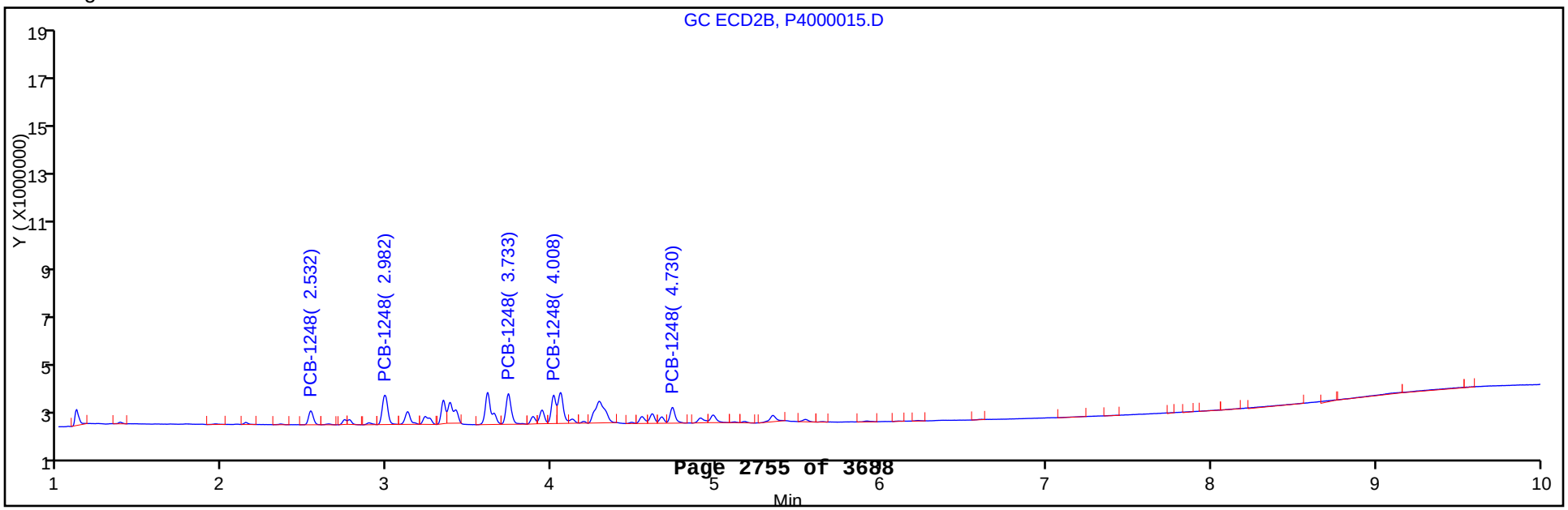
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000015.D

Injection Date:	15-Apr-2013 02:50:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	15
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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000016.D
Lims ID: STD01 1248 Client ID:
Inject. Date: 15-Apr-2013 03:06:00 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0018824-016
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 16
Lims Batch ID: 81761 Lims Sample ID: 16
Sublist: chrom-PCB4*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:52 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	1.821	1.821	0.000	2239648	0.1111		100.0	
1	2	2.212	2.210	0.002	5321407	0.1105	186.1- 236.1	237.6	
1	3	2.711	2.711	0.000	6027052	0.1064	247.4- 297.4	269.1	
1	4	3.289	3.290	-0.001	2888017	0.1020	106.3- 156.3	128.9	
1	5	3.723	3.721	0.002	2882330	0.1049	103.3- 153.3	128.7	
			Average of Peak Amounts =			0.1070			
2	6	2.534	2.532	0.002	2256900	0.1098		100.0	
2	7	2.984	2.982	0.002	5502441	0.1053	215.2- 275.2	243.8	
2	8	3.734	3.733	0.001	5653124	0.1055	225.9- 285.9	250.5	
2	9	4.009	4.008	0.001	4620069	0.1035	178.4- 238.4	204.7	
2	10	4.731	4.730	0.001	3084787	0.1047	97.2- 157.2	136.7	
			Average of Peak Amounts =			0.1057			
						RPD = 1.15			

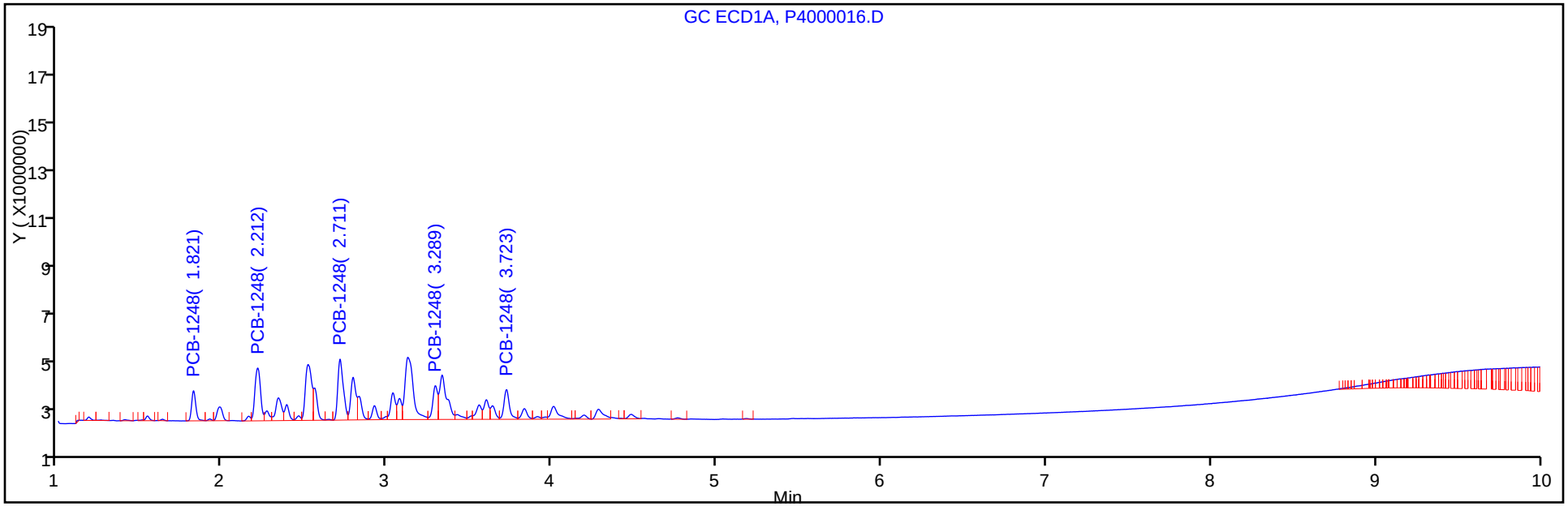
Report Date: 15-Apr-2013 13:04:53 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

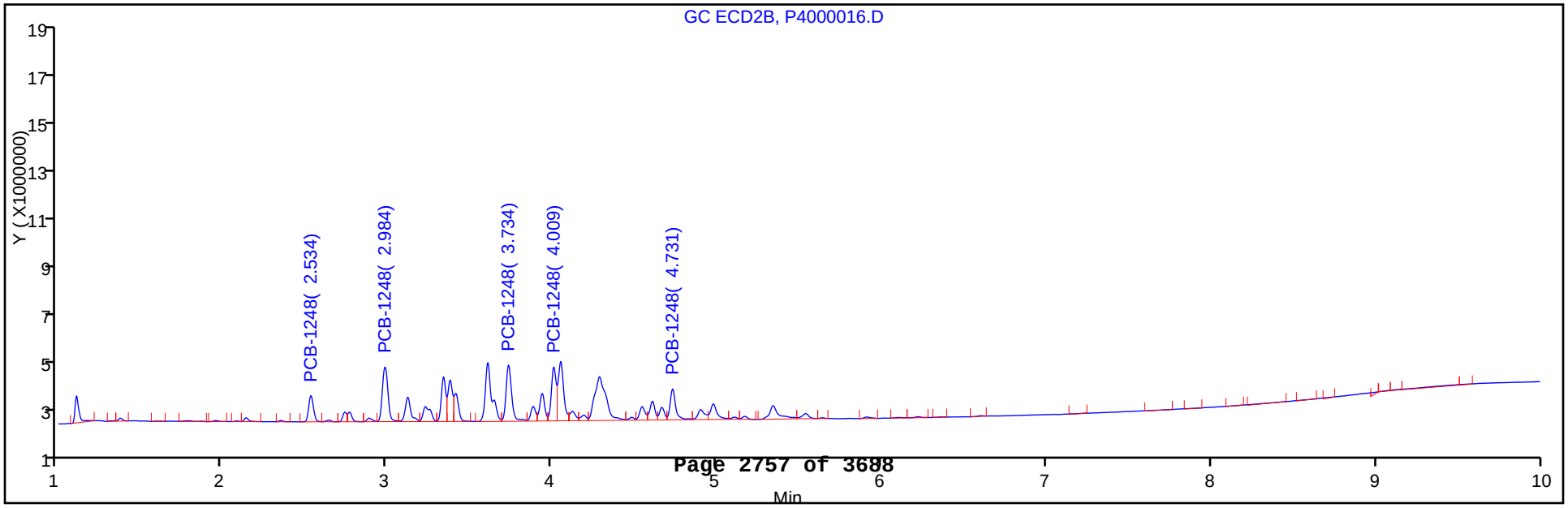
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000016.D

Injection Date:	15-Apr-2013 03:06:00	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	16
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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000017.D
Lims ID: STD02 1248 Client ID:
Inject. Date: 15-Apr-2013 03:21:46 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0018824-017
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 17
Lims Batch ID: 81761 Lims Sample ID: 17
Sublist: chrom-PCB4*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:54 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	1.823	1.821	0.002	4253008	0.2110		100.0	
1	2	2.213	2.210	0.003	8979940	0.1865	186.1- 236.1	211.1	
1	3	2.713	2.711	0.002	11584469	0.2046	247.4- 297.4	272.4	
1	4	3.290	3.290	0.000	5585369	0.1973	106.3- 156.3	131.3	
1	5	3.723	3.721	0.002	5458310	0.1986	103.3- 153.3	128.3	
			Average of Peak Amounts =			0.1996			
2	6	2.534	2.532	0.002	4260605	0.2073		100.0	
2	7	2.985	2.982	0.003	10448787	0.2000	215.2- 275.2	245.2	
2	8	3.735	3.733	0.002	10902961	0.2034	225.9- 285.9	255.9	
2	9	4.010	4.008	0.002	8878114	0.1989	178.4- 238.4	208.4	
2	10	4.731	4.730	0.001	5417368	0.1838	97.2- 157.2	127.2	
			Average of Peak Amounts =			0.1987			
						RPD = 0.45			

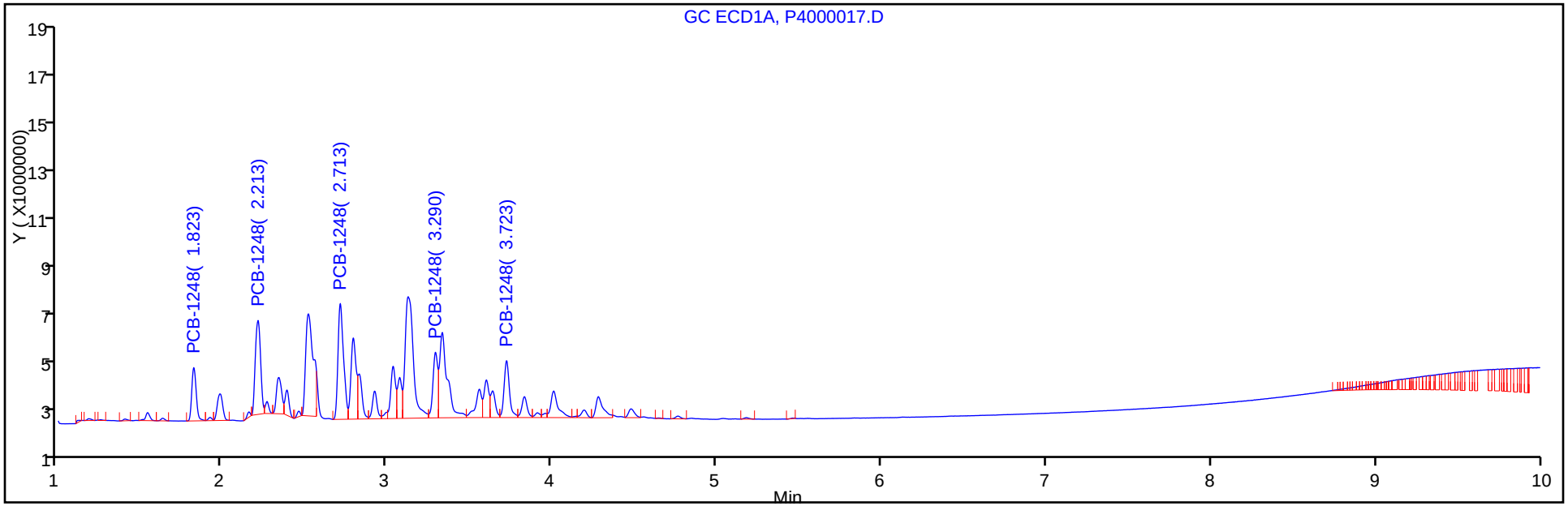
Report Date: 15-Apr-2013 13:04:55 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

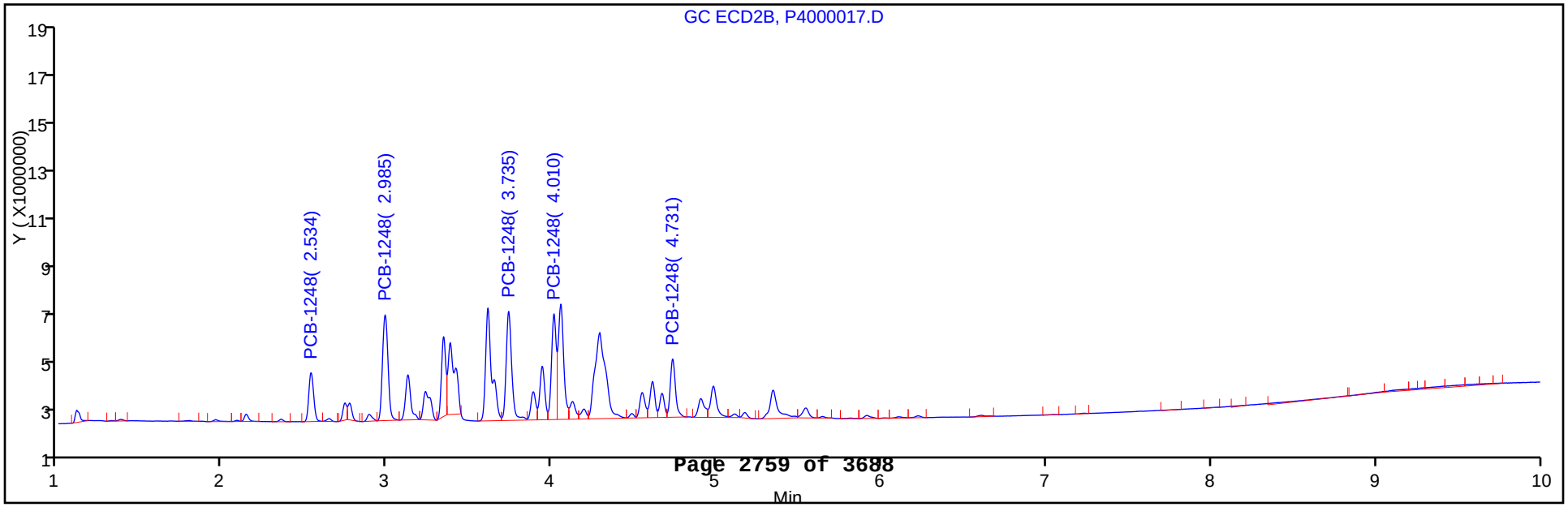
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000017.D

Injection Date:	15-Apr-2013 03:21:46	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	17
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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000018.D
Lims ID: STD05 1248 Client ID:
Inject. Date: 15-Apr-2013 03:37:25 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0018824-018
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 18
Lims Batch ID: 81761 Lims Sample ID: 18
Sublist: chrom-PCB4*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:55 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	1.822	1.821	0.001	9310306	0.4618		100.0	
1	2	2.212	2.210	0.002	23164108	0.4810	186.1- 236.1	248.8	
1	3	2.712	2.711	0.001	26105322	0.4610	247.4- 297.4	280.4	
1	4	3.290	3.290	0.000	13444021	0.4748	106.3- 156.3	144.4	
1	5	3.722	3.721	0.001	13518294	0.4918	103.3- 153.3	145.2	
			Average of Peak Amounts =			0.4741			
2	6	2.535	2.532	0.003	9548938	0.4646		100.0	
2	7	2.985	2.982	0.003	24643538	0.4716	215.2- 275.2	258.1	
2	8	3.735	3.733	0.002	25368546	0.4732	225.9- 285.9	265.7	
2	9	4.010	4.008	0.002	21095875	0.4726	178.4- 238.4	220.9	
2	10	4.730	4.730	0.000	14980478	0.5083	97.2- 157.2	156.9	
			Average of Peak Amounts =			0.4781			
						RPD = 0.84			

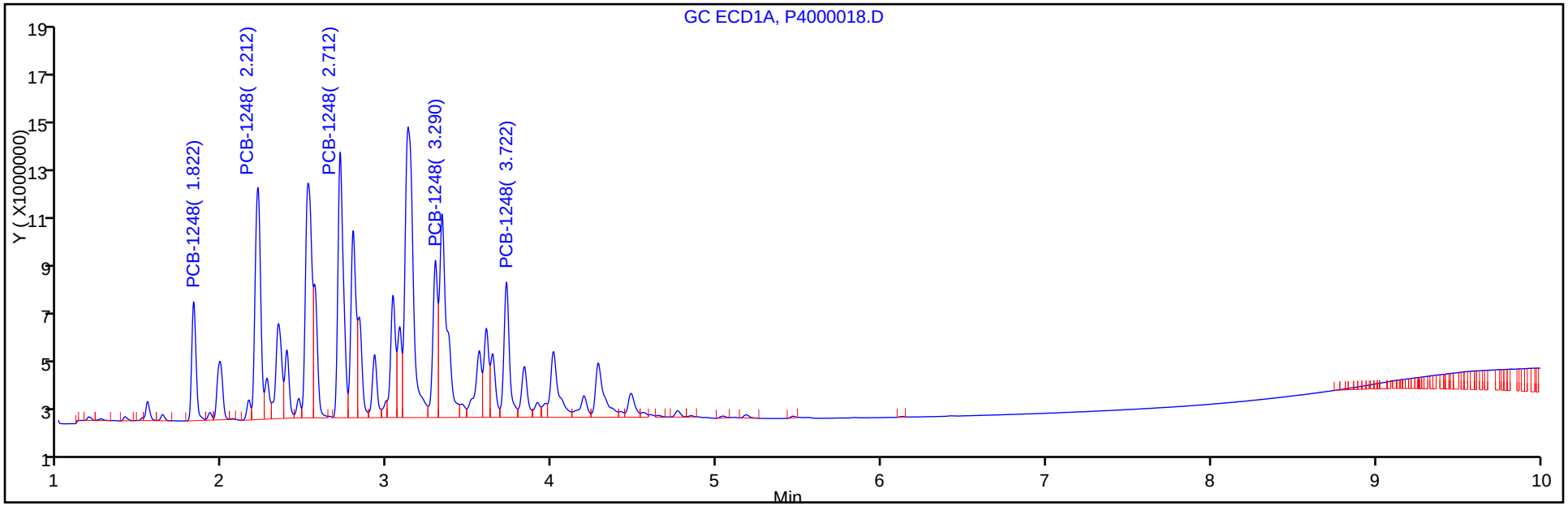
Report Date: 15-Apr-2013 13:04:56 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

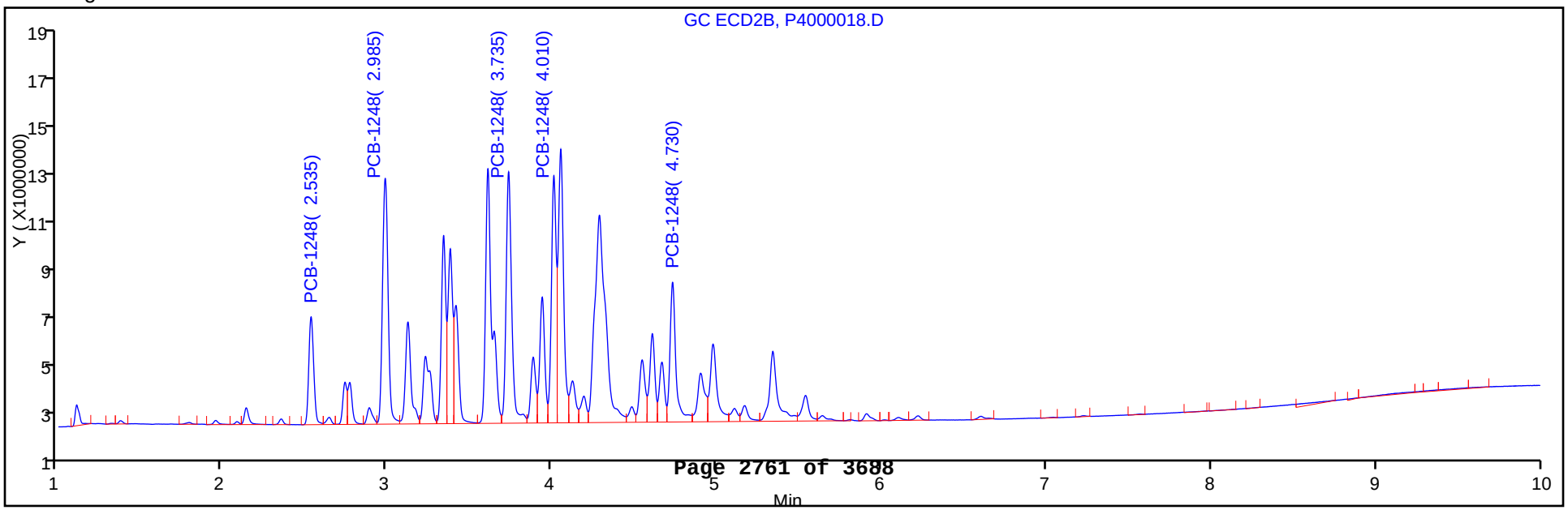
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000018.D

Injection Date:	15-Apr-2013 03:37:25	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	18
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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000019.D
Lims ID: STD1 1248 Client ID:
Inject. Date: 15-Apr-2013 03:53:03 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0018824-019
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 19
Lims Batch ID: 81761 Lims Sample ID: 19
Sublist: chrom-PCB4*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:56 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	1.822	1.821	0.001	18644528	0.9248		100.0	
1	2	2.213	2.210	0.003	48573249	1.01	186.1- 236.1	260.5	
1	3	2.712	2.711	0.001	54549073	0.9633	247.4- 297.4	292.6	
1	4	3.290	3.290	0.000	29177858	1.03	106.3- 156.3	156.5	
1	5	3.721	3.721	0.000	28094417	1.02	103.3- 153.3	150.7	
			Average of Peak Amounts =			0.9898			
2	6	2.534	2.532	0.002	18739596	0.9118		100.0	
2	7	2.985	2.982	0.003	49805139	0.9531	215.2- 275.2	265.8	
2	8	3.734	3.733	0.001	52292345	0.9755	225.9- 285.9	279.0	
2	9	4.009	4.008	0.001	44182167	0.9897	178.4- 238.4	235.8	
2	10	4.731	4.730	0.001	30966185	1.05	97.2- 157.2	165.2	
			Average of Peak Amounts =			0.9762			
						RPD = 1.39			

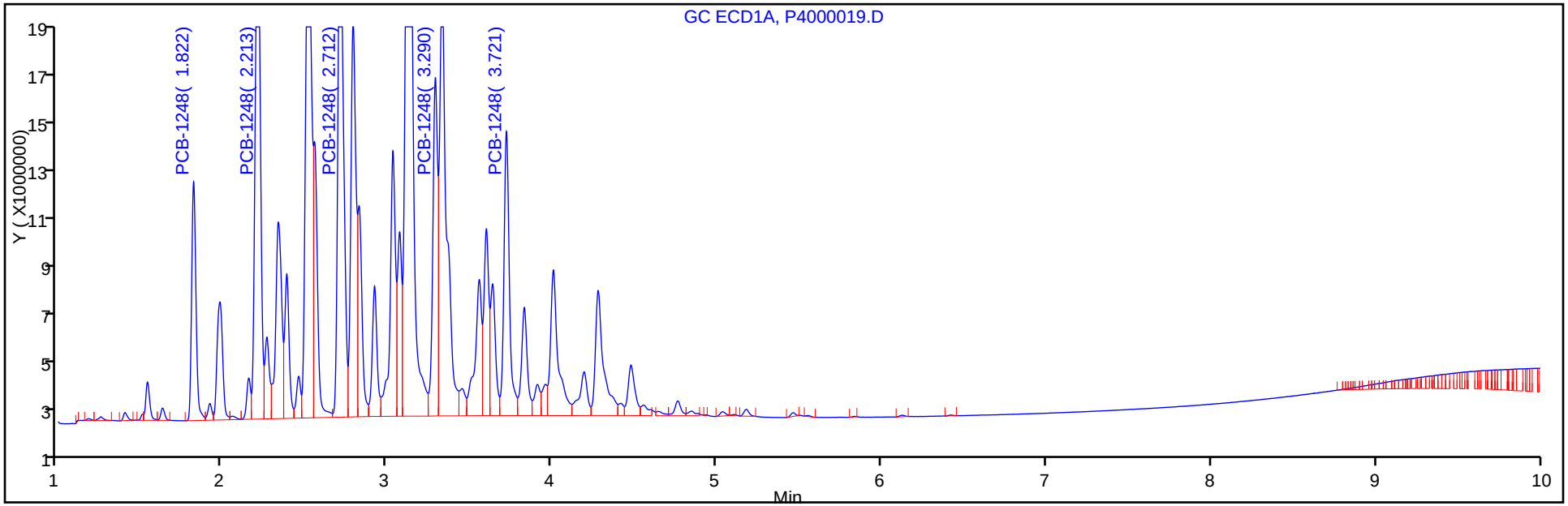
Report Date: 15-Apr-2013 13:04:57 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

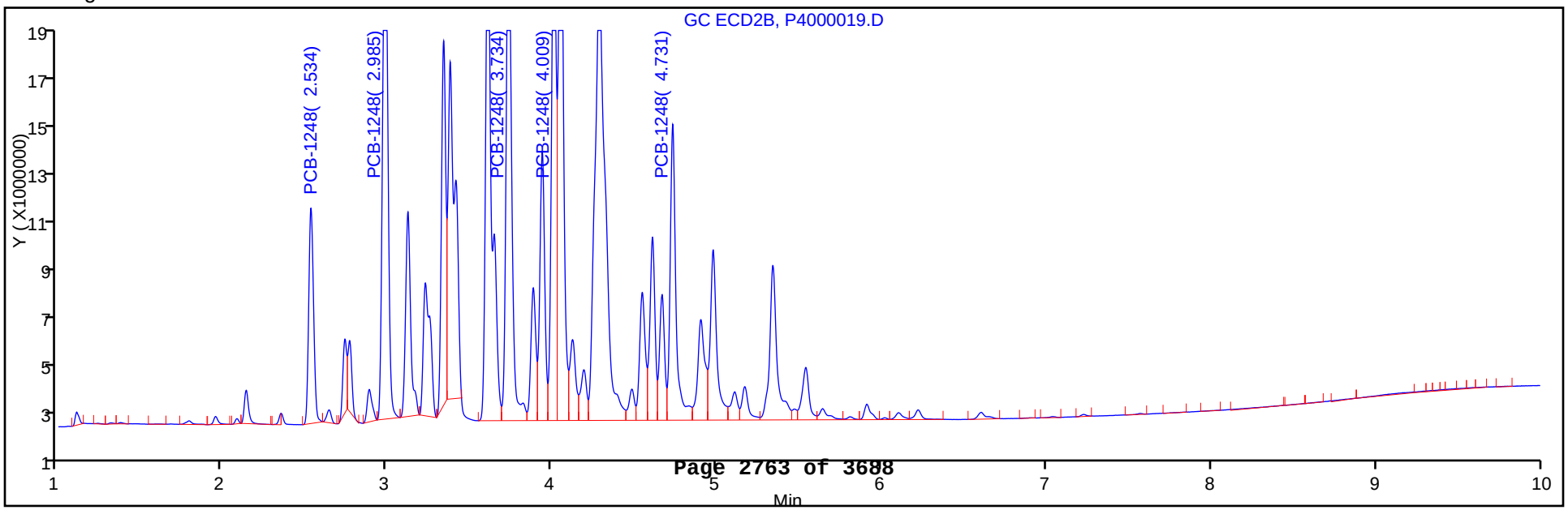
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000019.D

Injection Date:	15-Apr-2013 03:53:03	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	19
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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000020.D
Lims ID: STD2 1248 Client ID:
Inject. Date: 15-Apr-2013 04:08:43 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0018824-020
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 20
Lims Batch ID: 81761 Lims Sample ID: 20
Sublist: chrom-PCB4*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:58 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	1.822	1.821	0.001	34456808	1.71		100.0	
1	2	2.213	2.210	0.003	93506796	1.94	186.1- 236.1	271.4	
1	3	2.711	2.711	0.000	104150705	1.84	247.4- 297.4	302.3	
1	4	3.289	3.290	-0.001	57283059	2.02	106.3- 156.3	166.2	
1	5	3.721	3.721	0.000	55175962	2.01	103.3- 153.3	160.1	
			Average of Peak Amounts =			1.90			
2	6	2.535	2.532	0.003	35364911	1.72		100.0	
2	7	2.985	2.982	0.003	98612004	1.89	215.2- 275.2	278.8	
2	8	3.734	3.733	0.001	97746731	1.82	225.9- 285.9	276.4	
2	9	4.010	4.008	0.002	86926943	1.95	178.4- 238.4	245.8	
2	10	4.730	4.730	0.000	57129707	1.94	97.2- 157.2	161.5	
			Average of Peak Amounts =			1.86			
						RPD = 2.16			

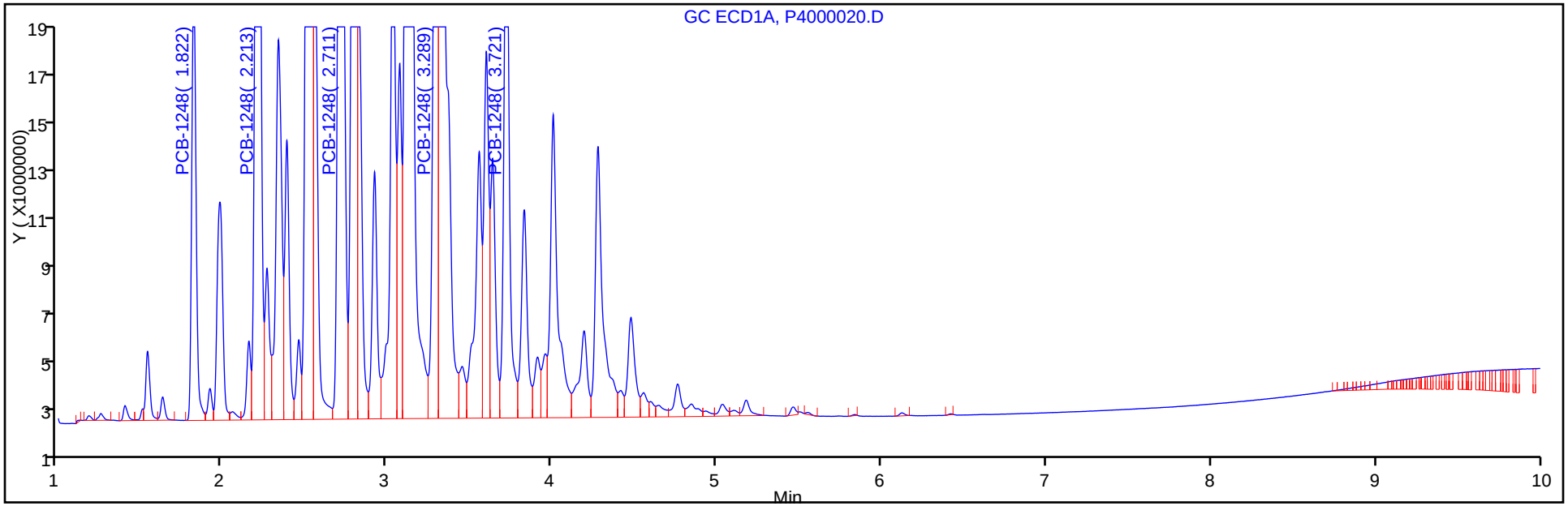
Report Date: 15-Apr-2013 13:04:59 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

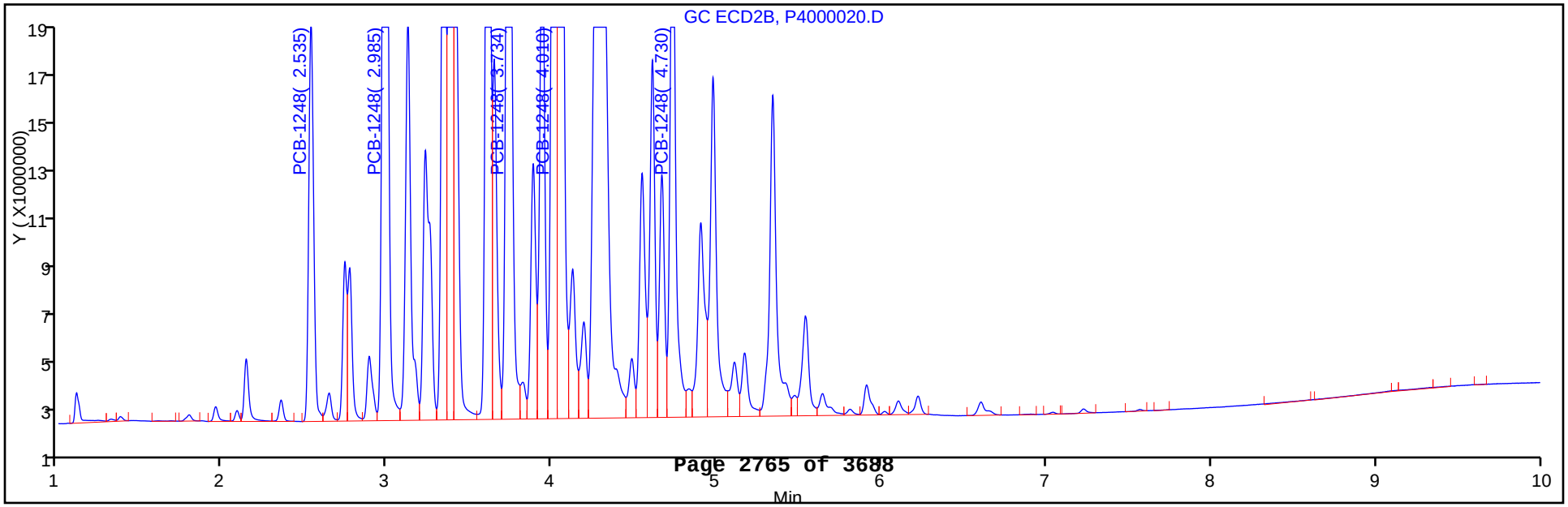
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000020.D

Injection Date:	15-Apr-2013 04:08:43	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	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: Method Defined: Set to Absolute Y Value



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1 Analy Batch No.: 81761

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2013 02:50 Calibration End Date: 04/15/2013 04:08 Calibration ID: 14522

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-81761/15	P4000015.D
Level 2	STD01 240-81761/16	P4000016.D
Level 3	STD02 240-81761/17	P4000017.D
Level 4	STD05 240-81761/18	P4000018.D
Level 5	STD1 240-81761/19	P4000019.D
Level 6	STD2 240-81761/20	P4000020.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1248 Peak 1	2.532	2.534	2.534	2.535	2.534	2.535					2.432 - 2.632	2.534
PCB-1248 Peak 2	2.982	2.984	2.985	2.985	2.985	2.985					2.882 - 3.082	2.984
PCB-1248 Peak 3	3.733	3.734	3.735	3.735	3.734	3.734					3.633 - 3.833	3.734
PCB-1248 Peak 4	4.008	4.009	4.010	4.010	4.009	4.010					3.908 - 4.108	4.009
PCB-1248 Peak 5	4.730	4.731	4.731	4.730	4.731	4.730					4.630 - 4.830	4.731

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-22804-1 Analy Batch No.: 81761

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2013 02:50 Calibration End Date: 04/15/2013 04:08 Calibration ID: 14522

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-81761/15	P4000015.D
Level 2	STD01 240-81761/16	P4000016.D
Level 3	STD02 240-81761/17	P4000017.D
Level 4	STD05 240-81761/18	P4000018.D
Level 5	STD1 240-81761/19	P4000019.D
Level 6	STD2 240-81761/20	P4000020.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								
PCB-1248 Peak 1	23917140 18739596	22569000 17682456	21303025	19097876	Ave		20551515.4				12.0		20.0			
PCB-1248 Peak 2	57855280 49805139	55024410 49306002	52243935	49287076	Ave		52253640.3				6.8		20.0			
PCB-1248 Peak 3	58692040 52292345	56531240 48873366	54514805	50737092	Ave		53606814.6				6.9		20.0			
PCB-1248 Peak 4	47422700 44182167	46200690 43463472	44390570	42191750	Ave		44641891.4				4.2		20.0			
PCB-1248 Peak 5	29394800 30966185	30847870 28564854	27086840	29960956	Ave		29470250.8				5.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-22804-1 Analy Batch No.: 81761

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2013 02:50 Calibration End Date: 04/15/2013 04:08 Calibration ID: 14522

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-81761/15	P4000015.D
Level 2	STD01 240-81761/16	P4000016.D
Level 3	STD02 240-81761/17	P4000017.D
Level 4	STD05 240-81761/18	P4000018.D
Level 5	STD1 240-81761/19	P4000019.D
Level 6	STD2 240-81761/20	P4000020.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1248 Peak 1	Ave	1195857 35364911	2256900	4260605	9548938	18739596	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 2	Ave	2892764 98612004	5502441	10448787	24643538	49805139	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 3	Ave	2934602 97746731	5653124	10902961	25368546	52292345	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 4	Ave	2371135 86926943	4620069	8878114	21095875	44182167	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 5	Ave	1469740 57129707	3084787	5417368	14980478	30966185	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000015.D
Lims ID: STD005 1248 Client ID:
Inject. Date: 15-Apr-2013 02:50:20 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0018824-015
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 15
Lims Batch ID: 81761 Lims Sample ID: 15
Sublist: chrom-PCB4*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:51 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	1.821	1.821	0.000	1140422	0.0566		100.0	
1	2	2.210	2.210	0.000	2459103	0.0511	186.1- 236.1	215.6	
1	3	2.711	2.711	0.000	3137261	0.0554	247.4- 297.4	275.1	
1	4	3.290	3.290	0.000	1418883	0.0501	106.3- 156.3	124.4	
1	5	3.721	3.721	0.000	1304448	0.0475	103.3- 153.3	114.4	
			Average of Peak Amounts =			0.0521			
2	6	2.532	2.532	0.000	1195857	0.0582		100.0	
2	7	2.982	2.982	0.000	2892764	0.0554	215.2- 275.2	241.9	
2	8	3.733	3.733	0.000	2934602	0.0547	225.9- 285.9	245.4	
2	9	4.008	4.008	0.000	2371135	0.0531	178.4- 238.4	198.3	
2	10	4.730	4.730	0.000	1469740	0.0499	97.2- 157.2	122.9	
			Average of Peak Amounts =			0.0543			
						RPD = 4.02			

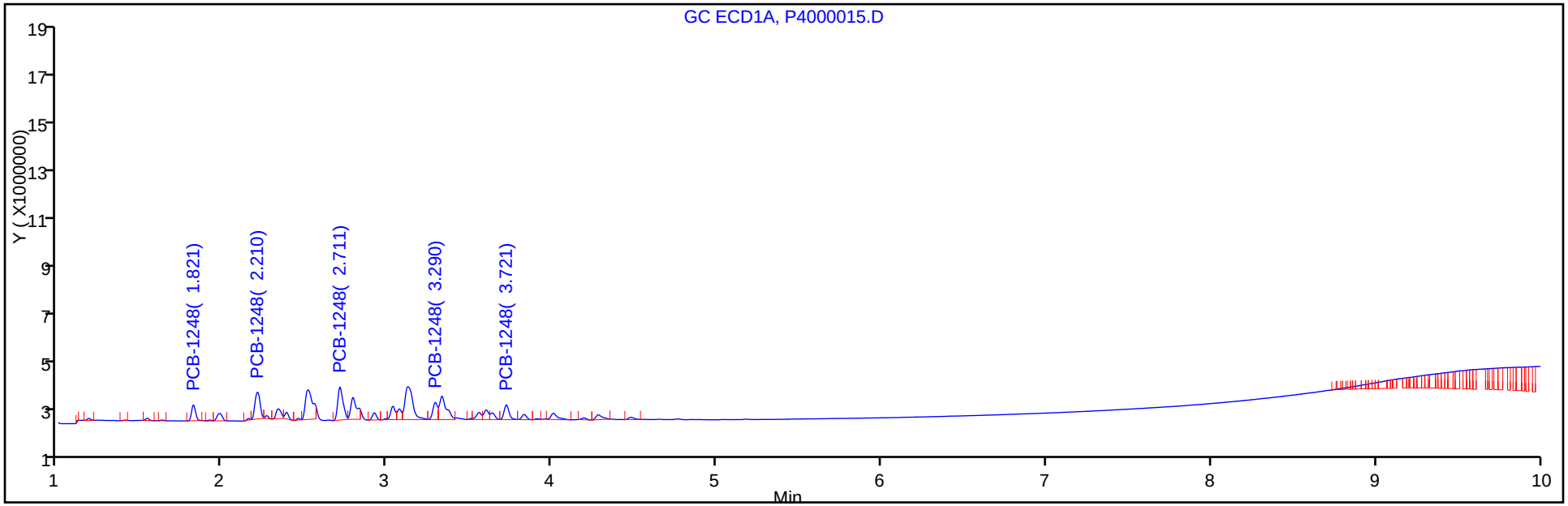
Report Date: 15-Apr-2013 13:04:52 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

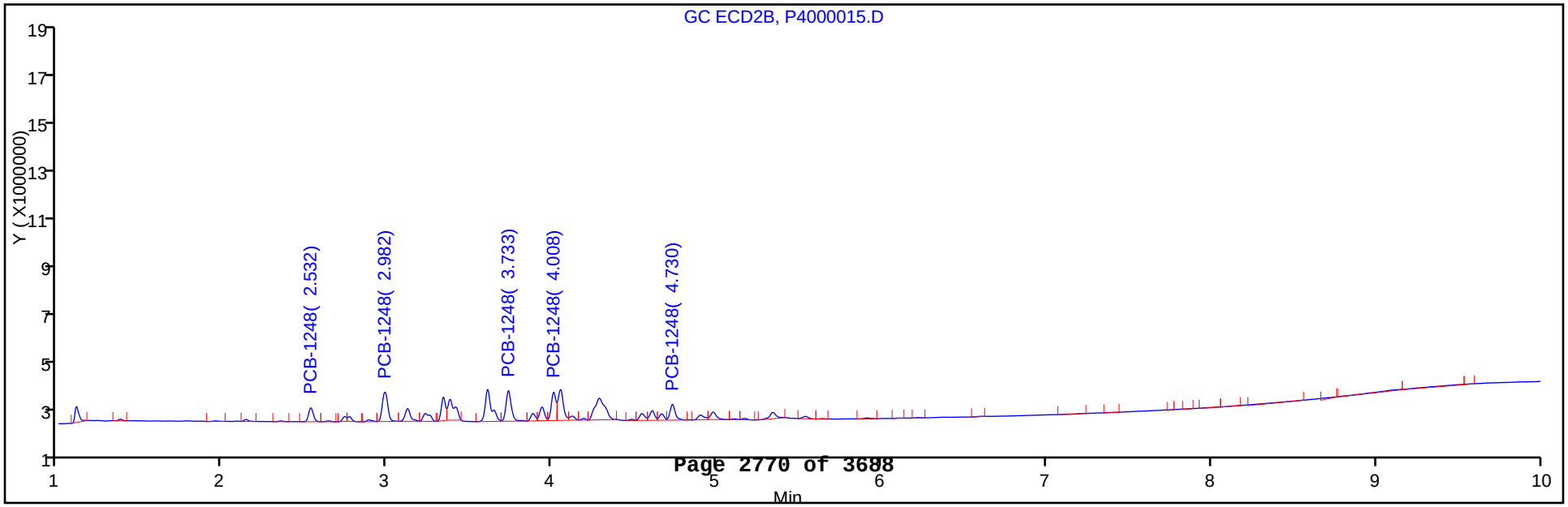
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000015.D

Injection Date:	15-Apr-2013 02:50:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	15
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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000016.D
Lims ID: STD01 1248 Client ID:
Inject. Date: 15-Apr-2013 03:06:00 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0018824-016
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 16
Lims Batch ID: 81761 Lims Sample ID: 16
Sublist: chrom-PCB4*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:52 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	1.821	1.821	0.000	2239648	0.1111		100.0	
1	2	2.212	2.210	0.002	5321407	0.1105	186.1- 236.1	237.6	
1	3	2.711	2.711	0.000	6027052	0.1064	247.4- 297.4	269.1	
1	4	3.289	3.290	-0.001	2888017	0.1020	106.3- 156.3	128.9	
1	5	3.723	3.721	0.002	2882330	0.1049	103.3- 153.3	128.7	
			Average of Peak Amounts =			0.1070			
2	6	2.534	2.532	0.002	2256900	0.1098		100.0	
2	7	2.984	2.982	0.002	5502441	0.1053	215.2- 275.2	243.8	
2	8	3.734	3.733	0.001	5653124	0.1055	225.9- 285.9	250.5	
2	9	4.009	4.008	0.001	4620069	0.1035	178.4- 238.4	204.7	
2	10	4.731	4.730	0.001	3084787	0.1047	97.2- 157.2	136.7	
			Average of Peak Amounts =			0.1057			
						RPD = 1.15			

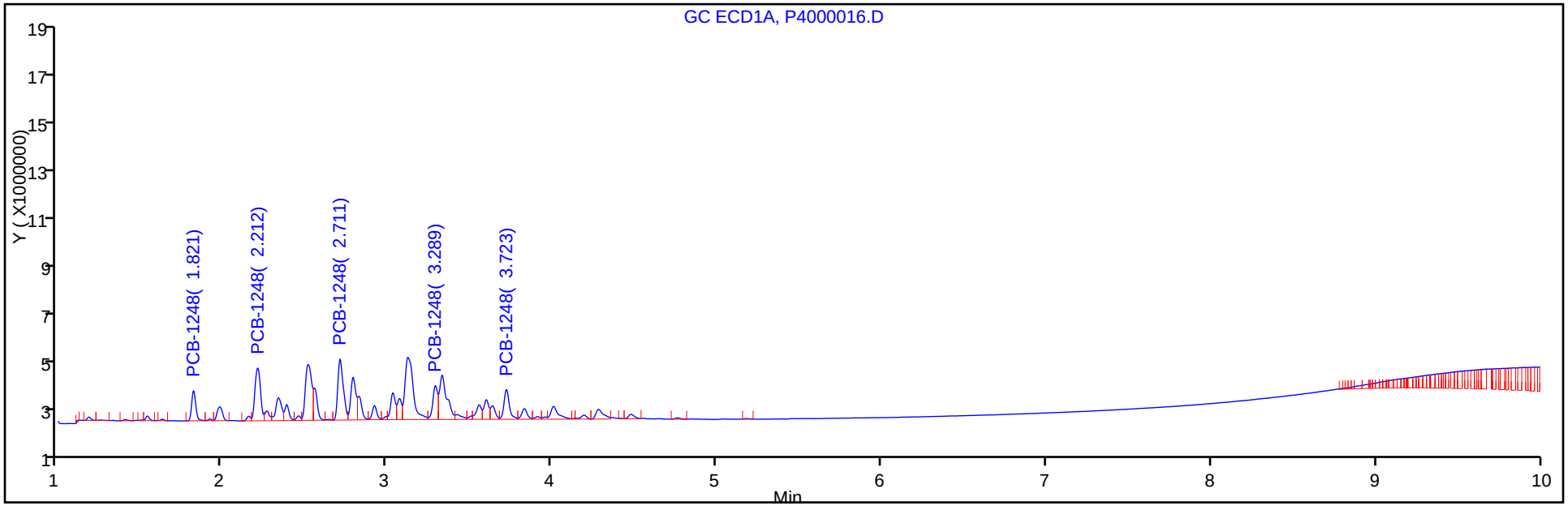
Report Date: 15-Apr-2013 13:04:53 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

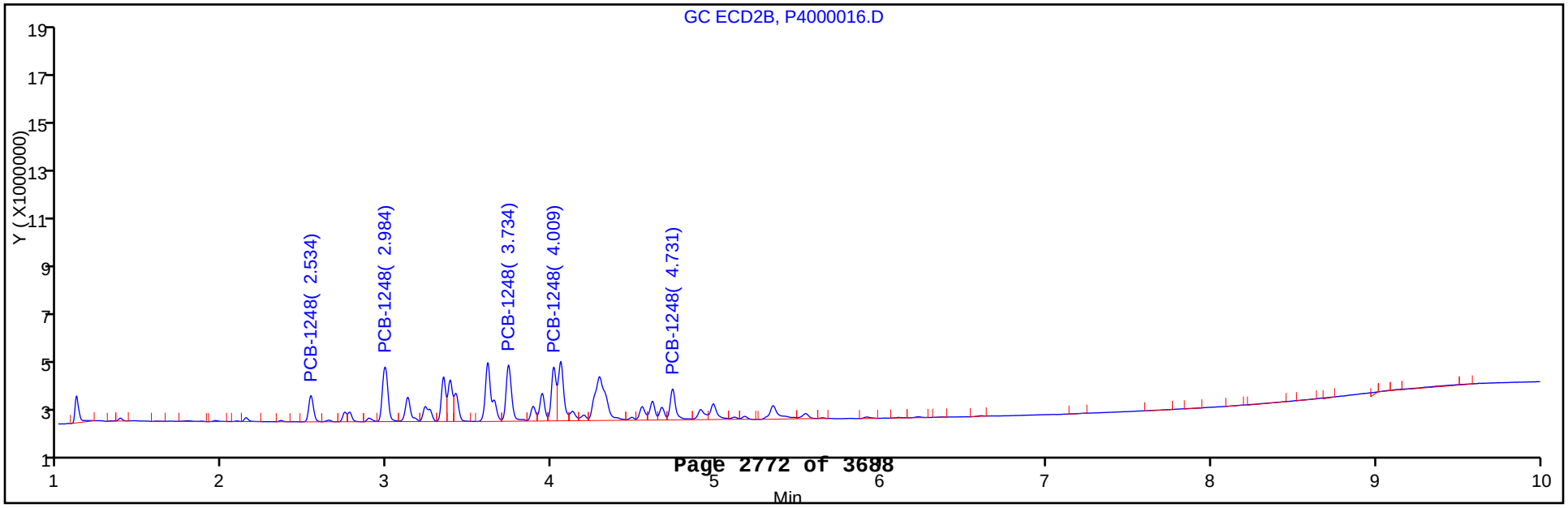
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000016.D

Injection Date:	15-Apr-2013 03:06:00	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	16
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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000017.D
Lims ID: STD02 1248 Client ID:
Inject. Date: 15-Apr-2013 03:21:46 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0018824-017
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 17
Lims Batch ID: 81761 Lims Sample ID: 17
Sublist: chrom-PCB4*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:54 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	1.823	1.821	0.002	4253008	0.2110		100.0	
1	2	2.213	2.210	0.003	8979940	0.1865	186.1- 236.1	211.1	
1	3	2.713	2.711	0.002	11584469	0.2046	247.4- 297.4	272.4	
1	4	3.290	3.290	0.000	5585369	0.1973	106.3- 156.3	131.3	
1	5	3.723	3.721	0.002	5458310	0.1986	103.3- 153.3	128.3	
			Average of Peak Amounts =			0.1996			
2	6	2.534	2.532	0.002	4260605	0.2073		100.0	
2	7	2.985	2.982	0.003	10448787	0.2000	215.2- 275.2	245.2	
2	8	3.735	3.733	0.002	10902961	0.2034	225.9- 285.9	255.9	
2	9	4.010	4.008	0.002	8878114	0.1989	178.4- 238.4	208.4	
2	10	4.731	4.730	0.001	5417368	0.1838	97.2- 157.2	127.2	
			Average of Peak Amounts =			0.1987			
						RPD = 0.45			

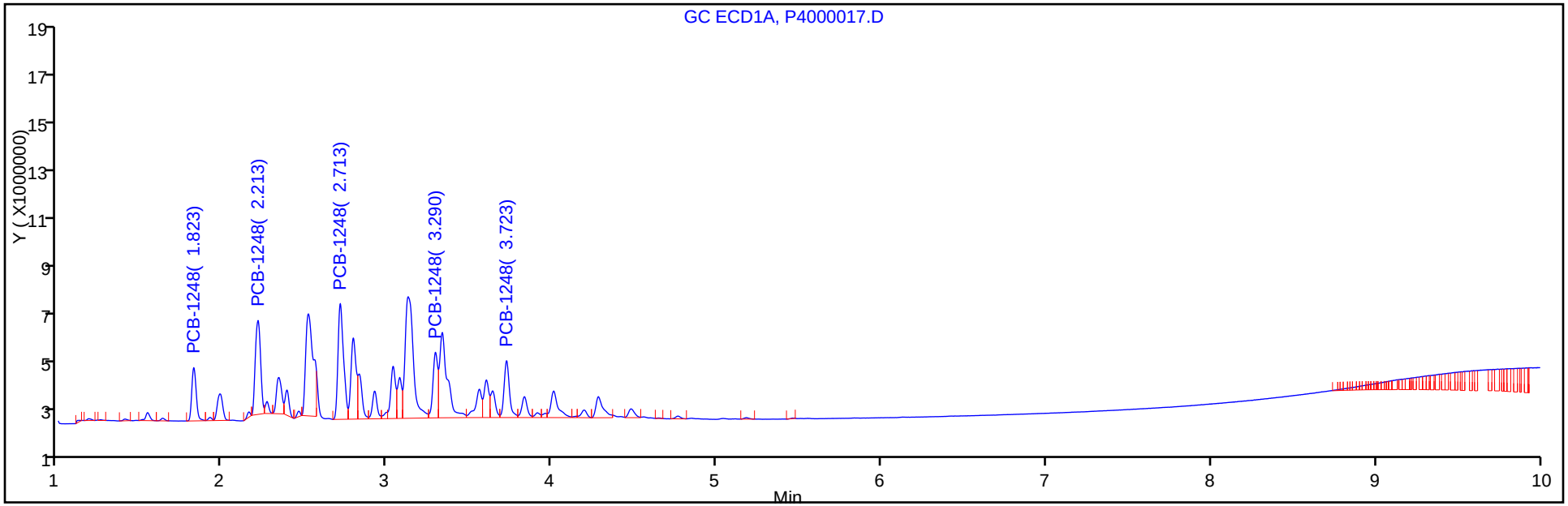
Report Date: 15-Apr-2013 13:04:55 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

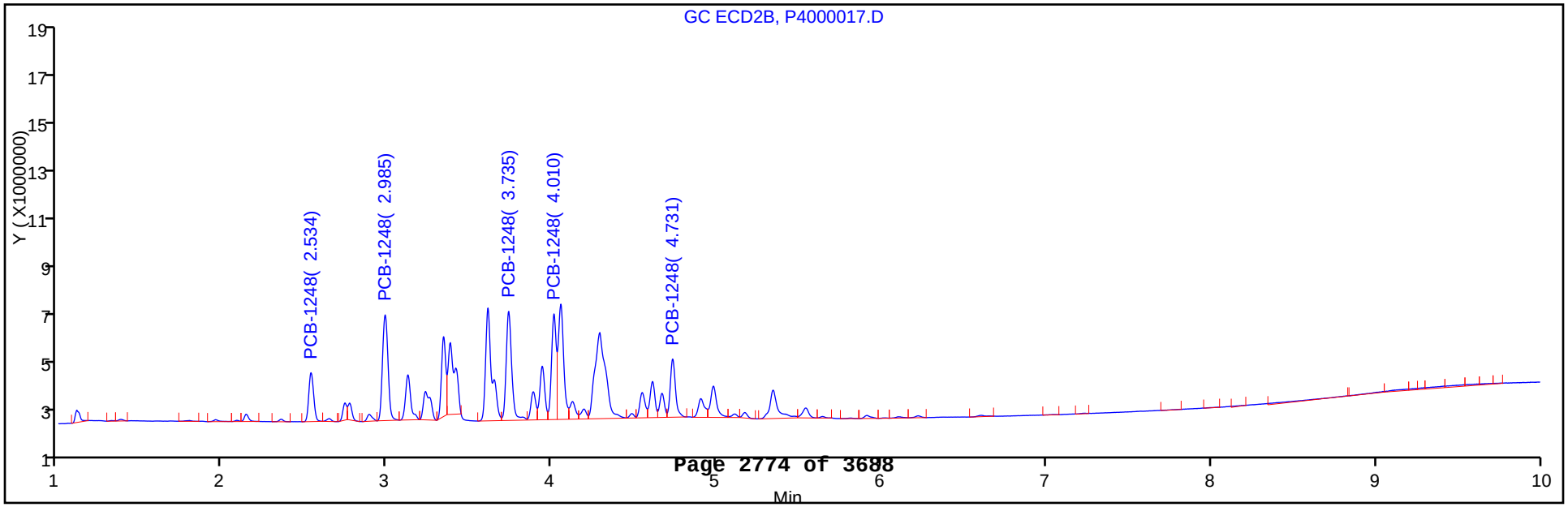
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000017.D

Injection Date:	15-Apr-2013 03:21:46	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	17
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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000018.D
Lims ID: STD05 1248 Client ID:
Inject. Date: 15-Apr-2013 03:37:25 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0018824-018
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 18
Lims Batch ID: 81761 Lims Sample ID: 18
Sublist: chrom-PCB4*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:55 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	1.822	1.821	0.001	9310306	0.4618		100.0	
1	2	2.212	2.210	0.002	23164108	0.4810	186.1- 236.1	248.8	
1	3	2.712	2.711	0.001	26105322	0.4610	247.4- 297.4	280.4	
1	4	3.290	3.290	0.000	13444021	0.4748	106.3- 156.3	144.4	
1	5	3.722	3.721	0.001	13518294	0.4918	103.3- 153.3	145.2	
			Average of Peak Amounts =			0.4741			
2	6	2.535	2.532	0.003	9548938	0.4646		100.0	
2	7	2.985	2.982	0.003	24643538	0.4716	215.2- 275.2	258.1	
2	8	3.735	3.733	0.002	25368546	0.4732	225.9- 285.9	265.7	
2	9	4.010	4.008	0.002	21095875	0.4726	178.4- 238.4	220.9	
2	10	4.730	4.730	0.000	14980478	0.5083	97.2- 157.2	156.9	
			Average of Peak Amounts =			0.4781			
						RPD = 0.84			

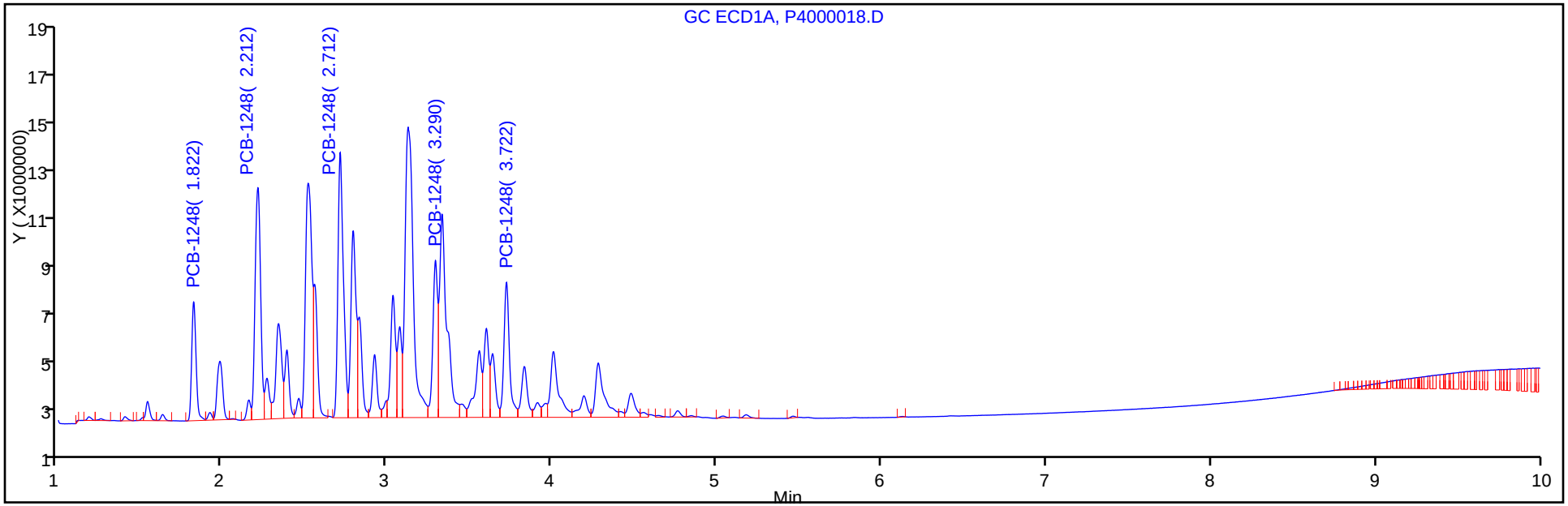
Report Date: 15-Apr-2013 13:04:56 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

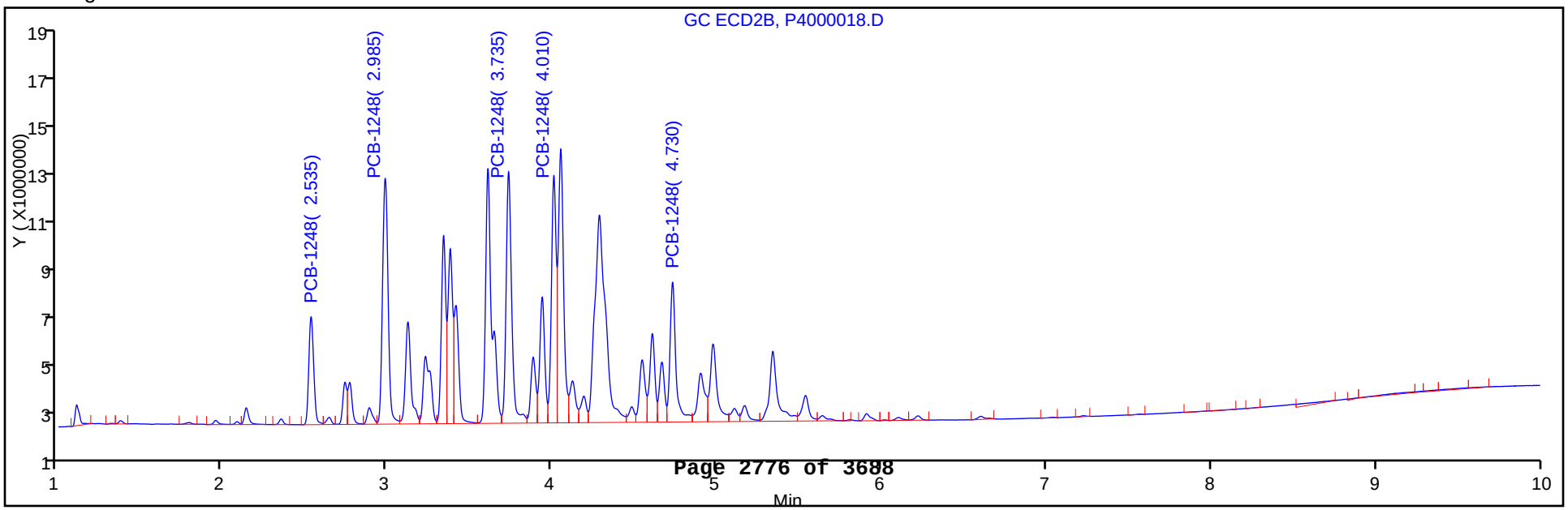
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000018.D

Injection Date:	15-Apr-2013 03:37:25	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	18
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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000019.D
Lims ID: STD1 1248 Client ID:
Inject. Date: 15-Apr-2013 03:53:03 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0018824-019
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 19
Lims Batch ID: 81761 Lims Sample ID: 19
Sublist: chrom-PCB4*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:56 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	1.822	1.821	0.001	18644528	0.9248		100.0	
1	2	2.213	2.210	0.003	48573249	1.01	186.1- 236.1	260.5	
1	3	2.712	2.711	0.001	54549073	0.9633	247.4- 297.4	292.6	
1	4	3.290	3.290	0.000	29177858	1.03	106.3- 156.3	156.5	
1	5	3.721	3.721	0.000	28094417	1.02	103.3- 153.3	150.7	
			Average of Peak Amounts =			0.9898			
2	6	2.534	2.532	0.002	18739596	0.9118		100.0	
2	7	2.985	2.982	0.003	49805139	0.9531	215.2- 275.2	265.8	
2	8	3.734	3.733	0.001	52292345	0.9755	225.9- 285.9	279.0	
2	9	4.009	4.008	0.001	44182167	0.9897	178.4- 238.4	235.8	
2	10	4.731	4.730	0.001	30966185	1.05	97.2- 157.2	165.2	
			Average of Peak Amounts =			0.9762			
						RPD = 1.39			

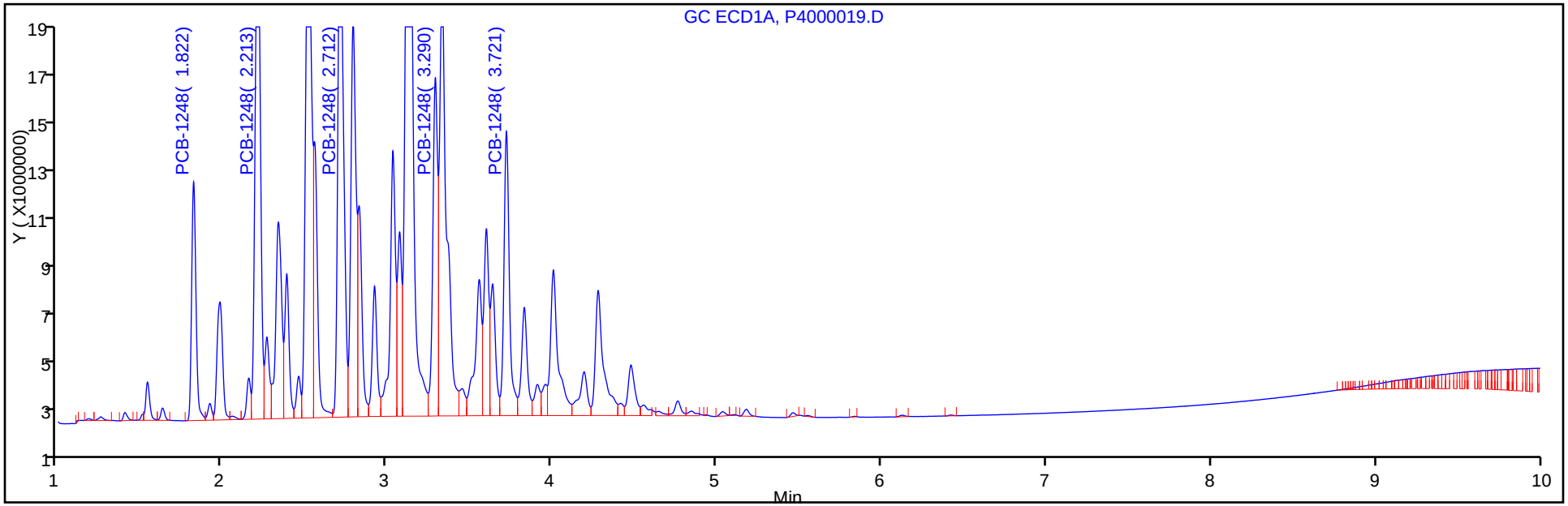
Report Date: 15-Apr-2013 13:04:58 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

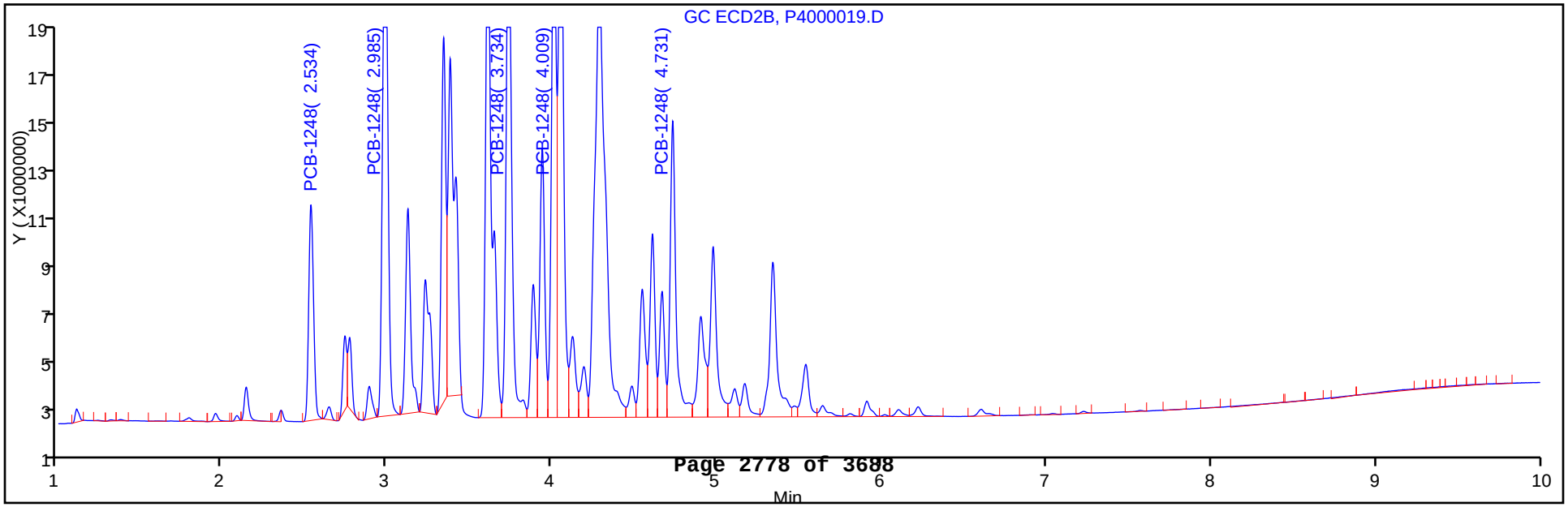
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000019.D

Injection Date:	15-Apr-2013 03:53:03	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	19
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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000020.D
Lims ID: STD2 1248 Client ID:
Inject. Date: 15-Apr-2013 04:08:43 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0018824-020
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 20
Lims Batch ID: 81761 Lims Sample ID: 20
Sublist: chrom-PCB4*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:58 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	1.822	1.821	0.001	34456808	1.71		100.0	
1	2	2.213	2.210	0.003	93506796	1.94	186.1- 236.1	271.4	
1	3	2.711	2.711	0.000	104150705	1.84	247.4- 297.4	302.3	
1	4	3.289	3.290	-0.001	57283059	2.02	106.3- 156.3	166.2	
1	5	3.721	3.721	0.000	55175962	2.01	103.3- 153.3	160.1	
			Average of Peak Amounts =			1.90			
2	6	2.535	2.532	0.003	35364911	1.72		100.0	
2	7	2.985	2.982	0.003	98612004	1.89	215.2- 275.2	278.8	
2	8	3.734	3.733	0.001	97746731	1.82	225.9- 285.9	276.4	
2	9	4.010	4.008	0.002	86926943	1.95	178.4- 238.4	245.8	
2	10	4.730	4.730	0.000	57129707	1.94	97.2- 157.2	161.5	
			Average of Peak Amounts =			1.86			
						RPD = 2.16			

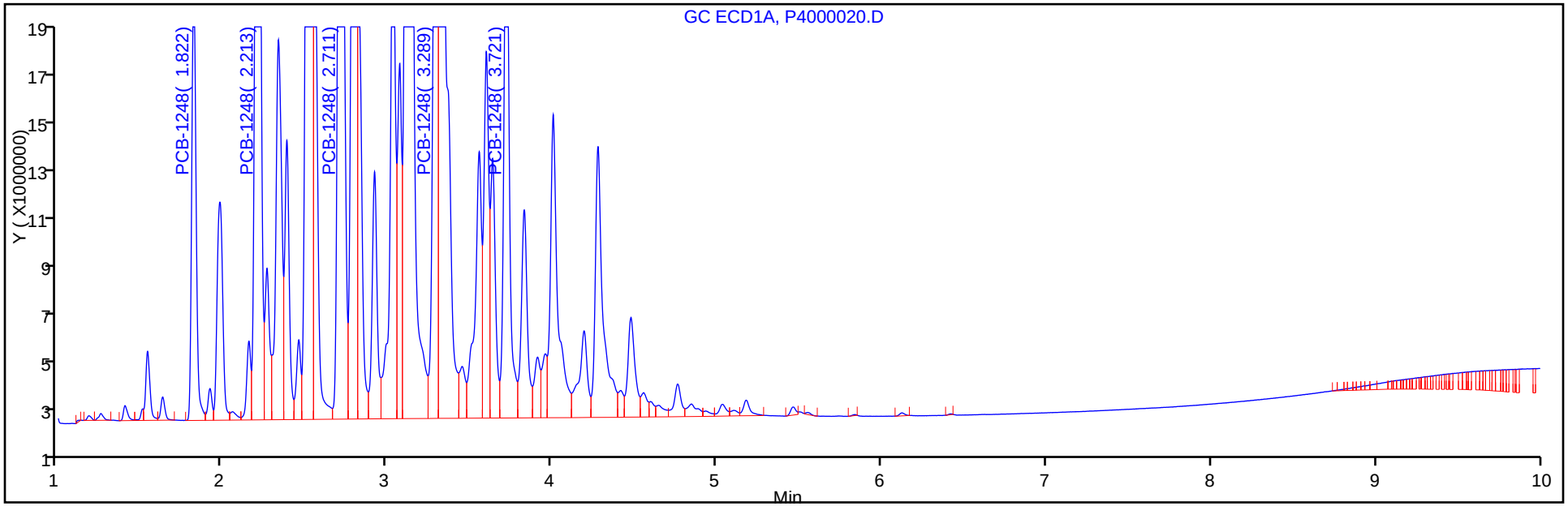
Report Date: 15-Apr-2013 13:04:59 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

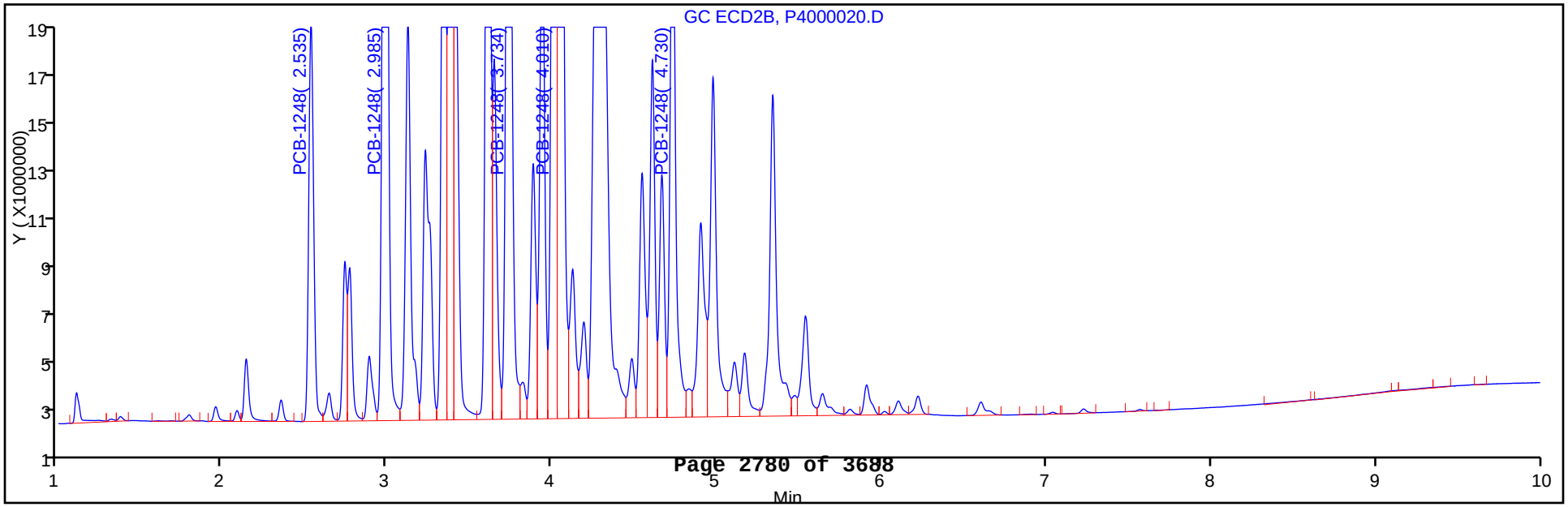
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000020.D

Injection Date:	15-Apr-2013 04:08:43	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	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: Method Defined: Set to Absolute Y Value



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1 Analy Batch No.: 81761

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2013 04:24 Calibration End Date: 04/15/2013 05:42 Calibration ID: 14527

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-81761/21	P4000021.D
Level 2	STD01 240-81761/22	P4000022.D
Level 3	STD02 240-81761/23	P4000023.D
Level 4	STD05 240-81761/24	P4000024.D
Level 5	STD1 240-81761/25	P4000025.D
Level 6	STD2 240-81761/26	P4000026.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1221 Peak 1	1.404	1.401	1.402	1.402	1.403	1.403					1.304 - 1.504	1.403
PCB-1221 Peak 2	1.511	1.511	1.510	1.511	1.511	1.511					1.411 - 1.611	1.511
PCB-1221 Peak 3	1.541	1.540	1.540	1.541	1.541	1.541					1.441 - 1.641	1.541
PCB-1254 Peak 1	3.335	3.335	3.335	3.335	3.335	3.335					3.235 - 3.435	3.335
PCB-1254 Peak 2	3.722	3.722	3.722	3.721	3.721	3.721					3.622 - 3.822	3.722
PCB-1254 Peak 3	4.007	4.007	4.007	4.006	4.005	4.005					3.907 - 4.107	4.006
PCB-1254 Peak 4	4.195	4.194	4.195	4.193	4.195	4.194					4.095 - 4.295	4.194
PCB-1254 Peak 5	4.479	4.479	4.478	4.478	4.477	4.478					4.379 - 4.579	4.478

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-22804-1 Analy Batch No.: 81761

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2013 04:24 Calibration End Date: 04/15/2013 05:42 Calibration ID: 14527

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-81761/21	P4000021.D
Level 2	STD01 240-81761/22	P4000022.D
Level 3	STD02 240-81761/23	P4000023.D
Level 4	STD05 240-81761/24	P4000024.D
Level 5	STD1 240-81761/25	P4000025.D
Level 6	STD2 240-81761/26	P4000026.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								
PCB-1221 Peak 1	17021840 13260162	16192760 12496710	15682655	14570638	Ave		14870794.1				12.0		20.0			
PCB-1221 Peak 2	7700840 6152280	7990270 6224292	8821450	7444392	Ave		7388920.58				14.0		20.0			
PCB-1221 Peak 3	43223440 33644031	39678690 30942849	38669645	36561128	Ave		37119963.8				12.0		20.0			
PCB-1254 Peak 1	83963640 76899037	79073140 74862077	79784890	74667868	Ave		78208442.0				4.5		20.0			
PCB-1254 Peak 2	89477120 83814263	82499650 84594059	85488115	82747898	Ave		84770184.1				3.0		20.0			
PCB-1254 Peak 3	53338060 57787834	53401540 59127342	54320220	52502420	Ave		55079569.3				4.9		20.0			
PCB-1254 Peak 4	58013560 53046855	55867510 52235566	54778575	51746084	Ave		54281358.3				4.4		20.0			
PCB-1254 Peak 5	81195800 77456000	78334920 77946398	78652135	76708032	Ave		78382214.1				2.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-22804-1 Analy Batch No.: 81761

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2013 04:24 Calibration End Date: 04/15/2013 05:42 Calibration ID: 14527

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-81761/21	P4000021.D
Level 2	STD01 240-81761/22	P4000022.D
Level 3	STD02 240-81761/23	P4000023.D
Level 4	STD05 240-81761/24	P4000024.D
Level 5	STD1 240-81761/25	P4000025.D
Level 6	STD2 240-81761/26	P4000026.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1221 Peak 1	Ave	851092 24993419	1619276	3136531	7285319	13260162	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1221 Peak 2	Ave	385042 12448583	799027	1764290	3722196	6152280	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1221 Peak 3	Ave	2161172 61885697	3967869	7733929	18280564	33644031	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 1	Ave	4198182 149724154	7907314	15956978	37333934	76899037	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 2	Ave	4473856 169188117	8249965	17097623	41373949	83814263	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 3	Ave	2666903 118254683	5340154	10864044	26251210	57787834	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 4	Ave	2900678 104471131	5586751	10955715	25873042	53046855	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 5	Ave	4059790 155892795	7833492	15730427	38354016	77456000	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000021.D
Lims ID: STD005 AR2154 Client ID:
Inject. Date: 15-Apr-2013 04:24:26 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0018824-021
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 21
Lims Batch ID: 81761 Lims Sample ID: 21
Sublist: chrom-PCB4*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:59 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	1.404	1.404	0.000	851092	0.0572		100.0	
1	3	1.511	1.511	0.000	385042	0.0521	31.2- 81.2	45.2	
1	4	1.541	1.541	0.000	2161172	0.0582	221.6- 271.6	253.9	
			Average of Peak Amounts =			0.0559			
2	4	1.955	1.955	0.000	874303	0.0578		100.0	
2	5	2.085	2.085	0.000	546250	0.0572	34.7- 94.7	62.5	
2	6	2.141	2.141	0.000	2026207	0.0572	206.7- 266.7	231.8	
			Average of Peak Amounts =			0.0574			
						RPD = 2.74			
8 PCB-1254									
1	100	3.335	3.335	0.000	4198182	0.0537		100.0	
1	2	3.722	3.722	0.000	4473856	0.0528	82.1- 132.1	106.6	
1	3	4.007	4.007	0.000	2666903	0.0484	43.1- 93.1	63.5	
1	4	4.195	4.195	0.000	2900678	0.0534	43.7- 93.7	69.1	
1	5	4.479	4.479	0.000	4059790	0.0518	73.6- 123.6	96.7	
			Average of Peak Amounts =			0.0520			
2	6	4.255	4.255	0.000	3103301	0.0542		100.0	
2	7	4.732	4.732	0.000	4870192	0.0536	125.6- 185.6	156.9	
2	8	4.979	4.979	0.000	2862470	0.0520	62.4- 122.4	92.2	
2	9	5.338	5.338	0.000	2098494	0.0814	43.9- 103.9	67.6	
2	10	5.540	5.540	0.000	4554233	0.0532	115.2- 175.2	146.8	
			Average of Peak Amounts =			0.0589			
						RPD = 12.39			

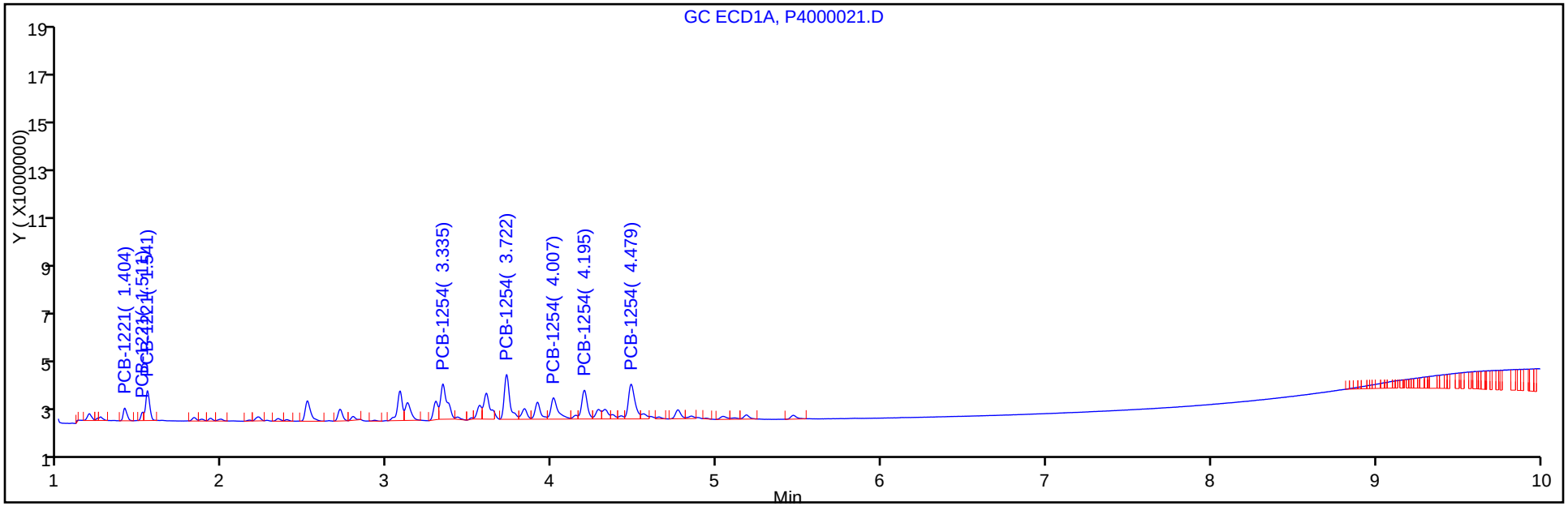
Report Date: 15-Apr-2013 13:05:01 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

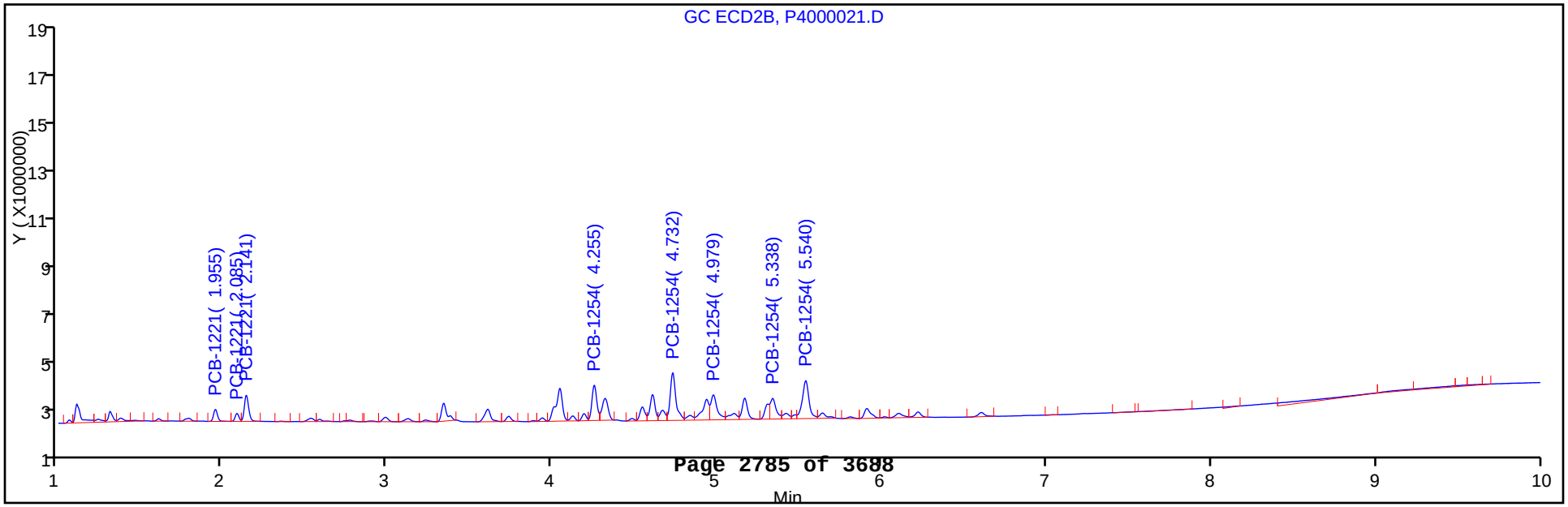
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000021.D

Injection Date:	15-Apr-2013 04:24:26	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	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: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000022.D
Lims ID: STD01 AR2154 Client ID:
Inject. Date: 15-Apr-2013 04:40:05 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0018824-022
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 22
Lims Batch ID: 81761 Lims Sample ID: 22
Sublist: chrom-PCB4*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:05:01 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	1.401	1.404	-0.003	1619276	0.1089		100.0	
1	3	1.511	1.511	0.000	799027	0.1081	31.2- 81.2	49.3	
1	4	1.540	1.541	-0.001	3967869	0.1069	221.6- 271.6	245.0	
			Average of Peak Amounts =			0.1080			
2	4	1.952	1.955	-0.003	1682193	0.1112		100.0	
2	5	2.084	2.085	-0.001	1075432	0.1126	34.7- 94.7	63.9	
2	6	2.141	2.141	0.000	3936102	0.1112	206.7- 266.7	234.0	
			Average of Peak Amounts =			0.1117			
						RPD = 3.36			
8 PCB-1254									
1	100	3.335	3.335	0.000	7907314	0.1011		100.0	
1	2	3.722	3.722	0.000	8249965	0.0973	82.1- 132.1	104.3	
1	3	4.007	4.007	0.000	5340154	0.0970	43.1- 93.1	67.5	
1	4	4.194	4.195	-0.001	5586751	0.1029	43.7- 93.7	70.7	
1	5	4.479	4.479	0.000	7833492	0.0999	73.6- 123.6	99.1	
			Average of Peak Amounts =			0.0996			
2	6	4.254	4.255	-0.001	5963614	0.1042		100.0	
2	7	4.731	4.732	-0.001	9220808	0.1016	125.6- 185.6	154.6	
2	8	4.977	4.979	-0.002	5499628	0.0998	62.4- 122.4	92.2	
2	9	5.338	5.338	0.000	4281190	0.1181	43.9- 103.9	71.8	
2	10	5.539	5.540	-0.001	8675784	0.1014	115.2- 175.2	145.5	
			Average of Peak Amounts =			0.1050			
						RPD = 5.24			

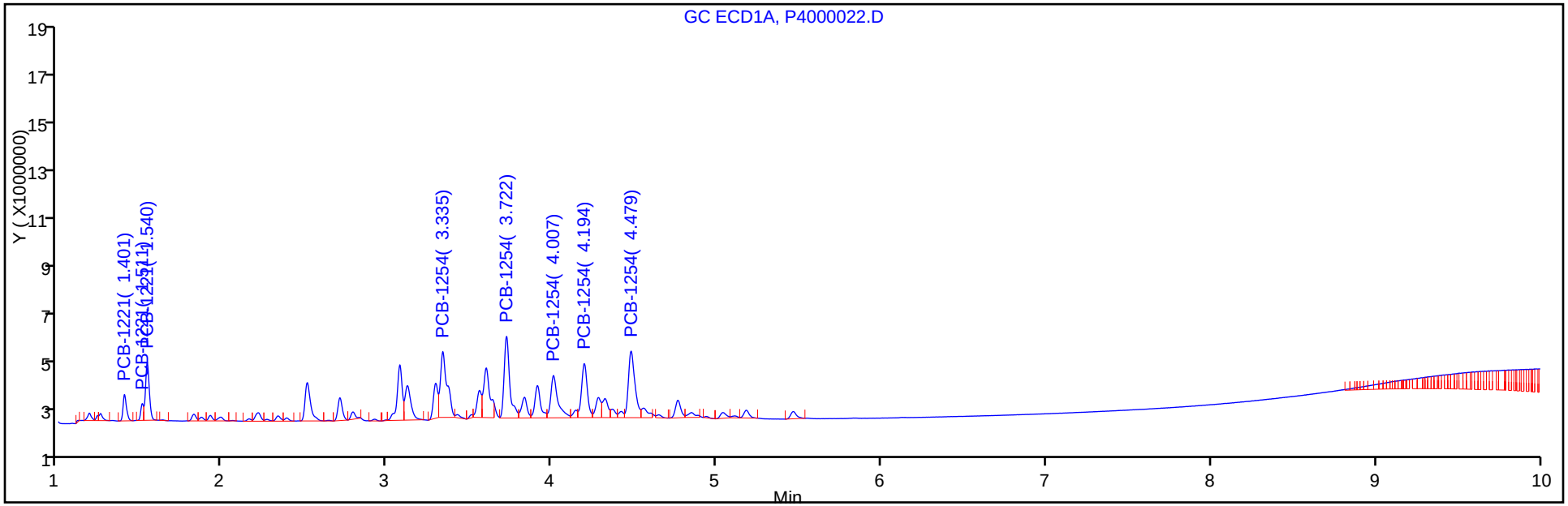
Report Date: 15-Apr-2013 13:05:03 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

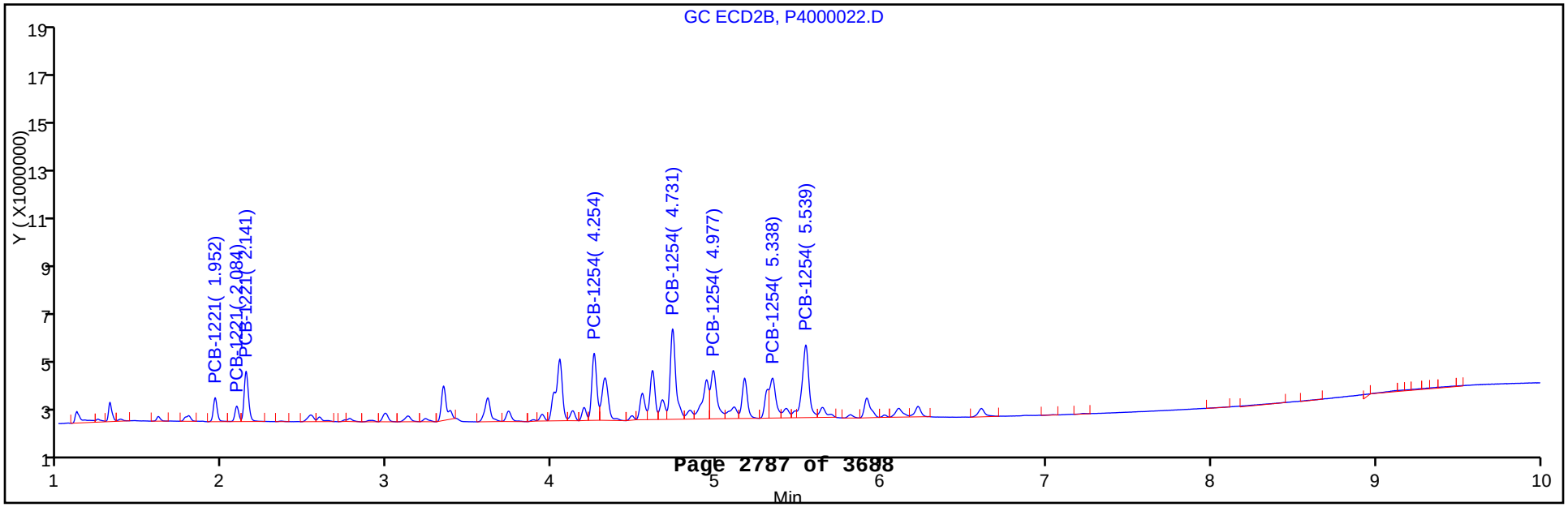
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000022.D

Injection Date:	15-Apr-2013 04:40:05	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	22
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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000023.D
Lims ID: STD02 AR2154 Client ID:
Inject. Date: 15-Apr-2013 04:55:43 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0018824-023
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 23
Lims Batch ID: 81761 Lims Sample ID: 23
Sublist: chrom-PCB4*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:05:04 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	1.402	1.404	-0.002	3136531	0.2109		100.0	
1	3	1.510	1.511	-0.001	1764290	0.2388	31.2- 81.2	56.2	
1	4	1.540	1.541	-0.001	7733929	0.2083	221.6- 271.6	246.6	
			Average of Peak Amounts =			0.2193			
2	4	1.952	1.955	-0.003	3152041	0.2084		100.0	
2	5	2.084	2.085	-0.001	2039945	0.2135	34.7- 94.7	64.7	
2	6	2.140	2.141	-0.001	7461432	0.2108	206.7- 266.7	236.7	
			Average of Peak Amounts =			0.2109			
						RPD = 3.92			
8 PCB-1254									
1	100	3.335	3.335	0.000	15956978	0.2040		100.0	
1	2	3.722	3.722	0.000	17097623	0.2017	82.1- 132.1	107.1	
1	3	4.007	4.007	0.000	10864044	0.1972	43.1- 93.1	68.1	
1	4	4.195	4.195	0.000	10955715	0.2018	43.7- 93.7	68.7	
1	5	4.478	4.479	-0.001	15730427	0.2007	73.6- 123.6	98.6	
			Average of Peak Amounts =			0.2011			
2	6	4.254	4.255	-0.001	11658931	0.2037		100.0	
2	7	4.730	4.732	-0.002	18138908	0.1998	125.6- 185.6	155.6	
2	8	4.978	4.979	-0.001	10777360	0.1956	62.4- 122.4	92.4	
2	9	5.336	5.338	-0.002	8613255	0.1903	43.9- 103.9	73.9	
2	10	5.539	5.540	-0.001	16930884	0.1979	115.2- 175.2	145.2	
			Average of Peak Amounts =			0.1974			
						RPD = 1.83			

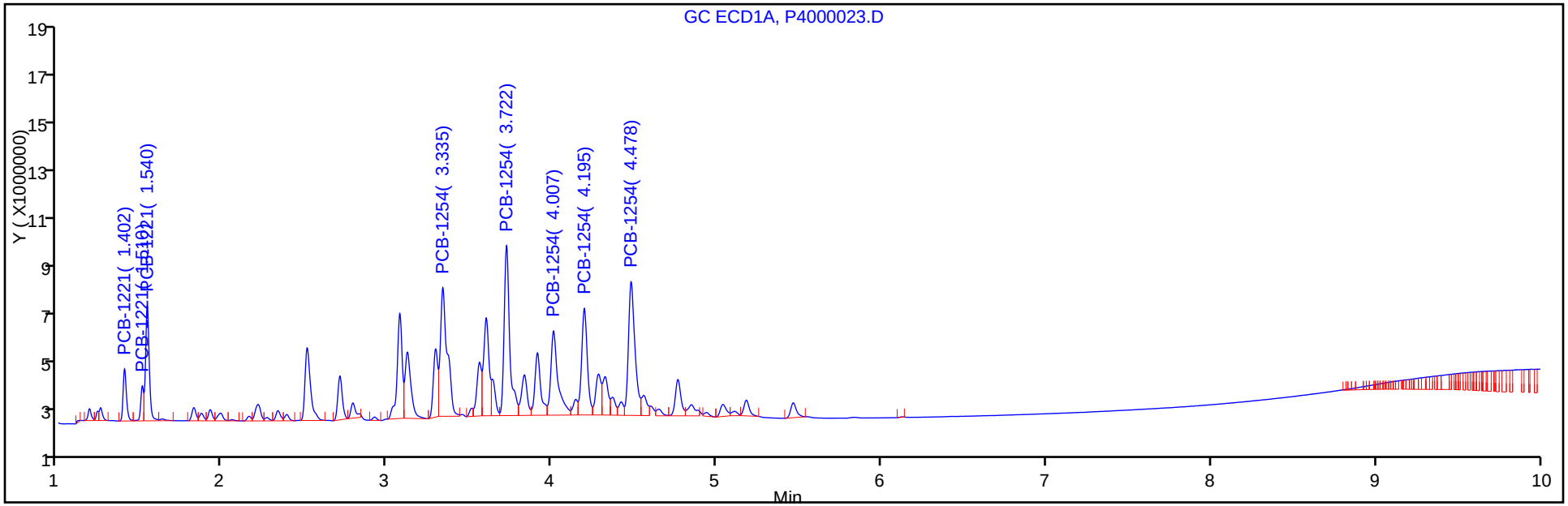
Report Date: 15-Apr-2013 13:05:06 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

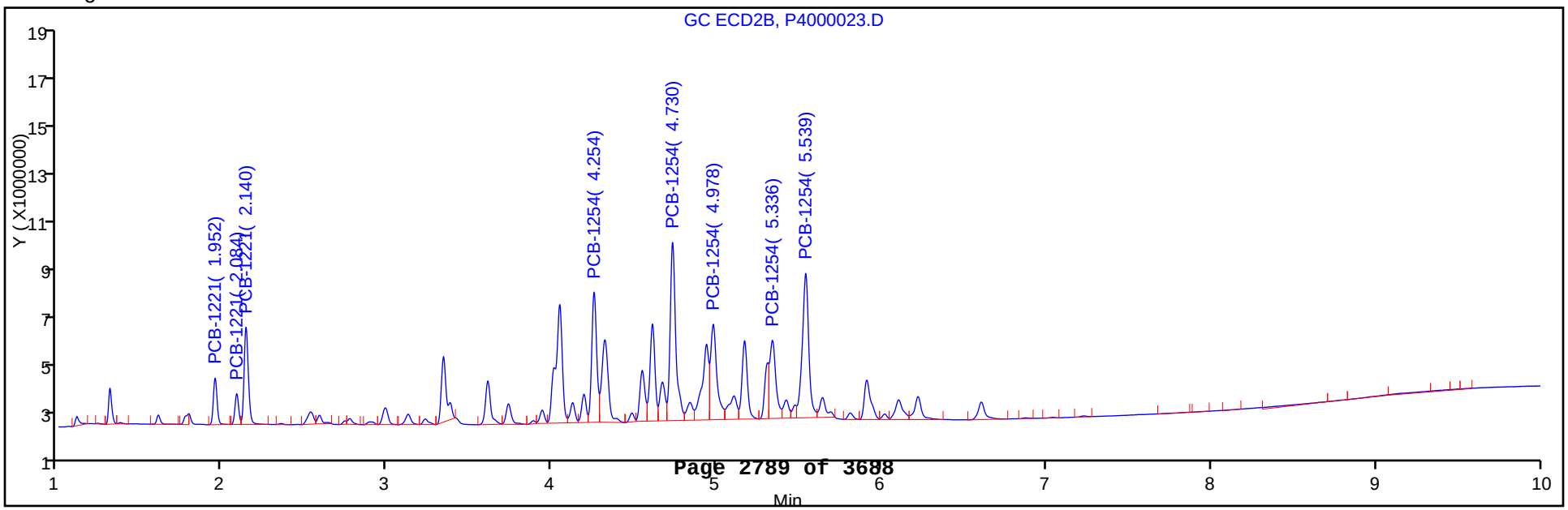
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000023.D

Injection Date:	15-Apr-2013 04:55:43	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	23
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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000024.D
Lims ID: STD05 AR2154 Client ID:
Inject. Date: 15-Apr-2013 05:11:24 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0018824-024
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 24
Lims Batch ID: 81761 Lims Sample ID: 24
Sublist: chrom-PCB4*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:05:06 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	1.402	1.404	-0.002	7285319	0.4899		100.0	
1	3	1.511	1.511	0.000	3722196	0.5038	31.2- 81.2	51.1	
1	4	1.541	1.541	0.000	18280564	0.4925	221.6- 271.6	250.9	
			Average of Peak Amounts =			0.4954			
2	4	1.952	1.955	-0.003	7373385	0.4875		100.0	
2	5	2.084	2.085	-0.001	4790967	0.5015	34.7- 94.7	65.0	
2	6	2.141	2.141	0.000	17611272	0.4975	206.7- 266.7	238.8	
			Average of Peak Amounts =			0.4955			
						RPD = 0.03			
8 PCB-1254									
1	100	3.335	3.335	0.000	37333934	0.4774		100.0	
1	2	3.721	3.722	-0.001	41373949	0.4881	82.1- 132.1	110.8	
1	3	4.006	4.007	-0.001	26251210	0.4766	43.1- 93.1	70.3	
1	4	4.193	4.195	-0.002	25873042	0.4766	43.7- 93.7	69.3	
1	5	4.478	4.479	-0.001	38354016	0.4893	73.6- 123.6	102.7	
			Average of Peak Amounts =			0.4816			
2	6	4.254	4.255	-0.001	28094080	0.4907		100.0	
2	7	4.731	4.732	-0.001	44975584	0.4954	125.6- 185.6	160.1	
2	8	4.976	4.979	-0.003	27072454	0.4914	62.4- 122.4	96.4	
2	9	5.336	5.338	-0.002	21744667	0.4050	43.9- 103.9	77.4	
2	10	5.539	5.540	-0.001	41851973	0.4892	115.2- 175.2	149.0	
			Average of Peak Amounts =			0.4743			
						RPD = 1.52			

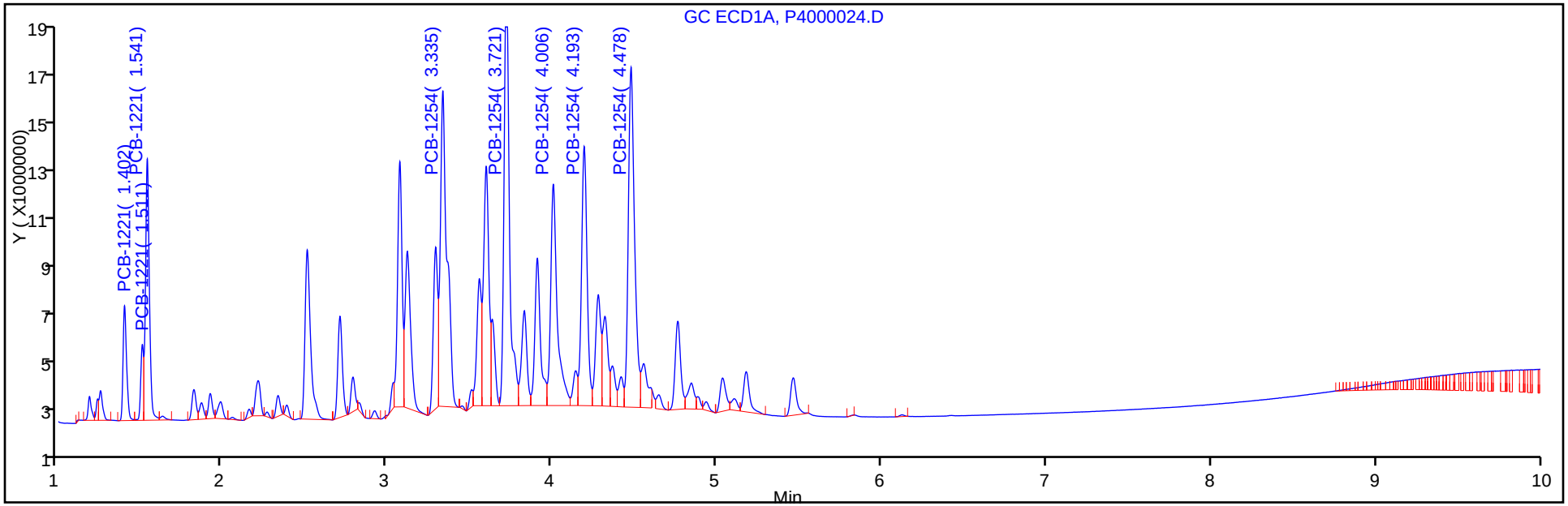
Report Date: 15-Apr-2013 13:05:07 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

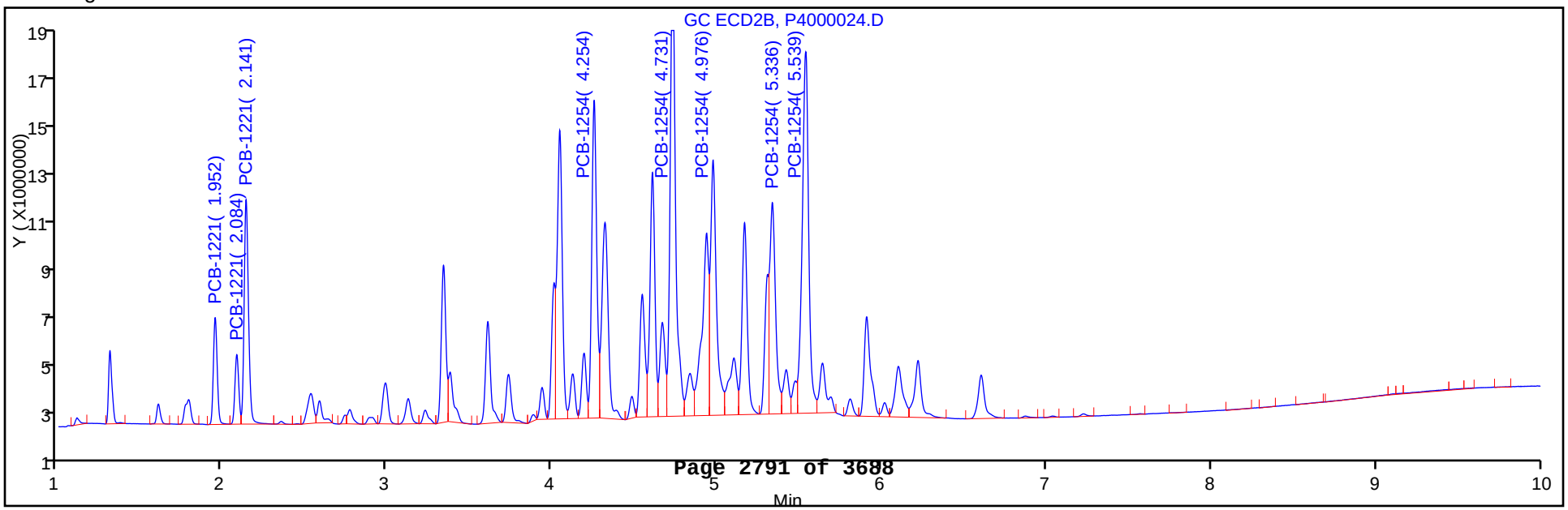
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000024.D

Injection Date:	15-Apr-2013 05:11:24	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	24
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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000025.D
Lims ID: STD1 AR2154 Client ID:
Inject. Date: 15-Apr-2013 05:27:07 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0018824-025
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 25
Lims Batch ID: 81761 Lims Sample ID: 25
Sublist: chrom-PCB4*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:05:08 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	1.403	1.404	-0.001	13260162	0.8917		100.0	
1	3	1.511	1.511	0.000	6152280	0.8326	31.2- 81.2	46.4	
1	4	1.541	1.541	0.000	33644031	0.9064	221.6- 271.6	253.7	
			Average of Peak Amounts =			0.8769			
2	4	1.954	1.955	-0.001	13354678	0.8830		100.0	
2	5	2.085	2.085	0.000	8507932	0.8905	34.7- 94.7	63.7	
2	6	2.141	2.141	0.000	31671337	0.8947	206.7- 266.7	237.2	
			Average of Peak Amounts =			0.8894			
						RPD = 1.42			
8 PCB-1254									
1	100	3.335	3.335	0.000	76899037	0.9833		100.0	
1	2	3.721	3.722	-0.001	83814263	0.9887	82.1- 132.1	109.0	
1	3	4.005	4.007	-0.002	57787834	1.05	43.1- 93.1	75.1	
1	4	4.195	4.195	0.000	53046855	0.9773	43.7- 93.7	69.0	
1	5	4.477	4.479	-0.002	77456000	0.9882	73.6- 123.6	100.7	
			Average of Peak Amounts =			1.00			
2	6	4.254	4.255	-0.001	54190142	0.9466		100.0	
2	7	4.731	4.732	-0.001	87952848	0.9687	125.6- 185.6	162.3	
2	8	4.976	4.979	-0.003	54756328	0.99	62.4- 122.4	101.0	
2	9	5.336	5.338	-0.002	64395799	1.06	43.9- 103.9	118.8	
2	10	5.539	5.540	-0.001	83743405	0.9788	115.2- 175.2	154.5	
			Average of Peak Amounts =			0.99			
						RPD = 0.70			

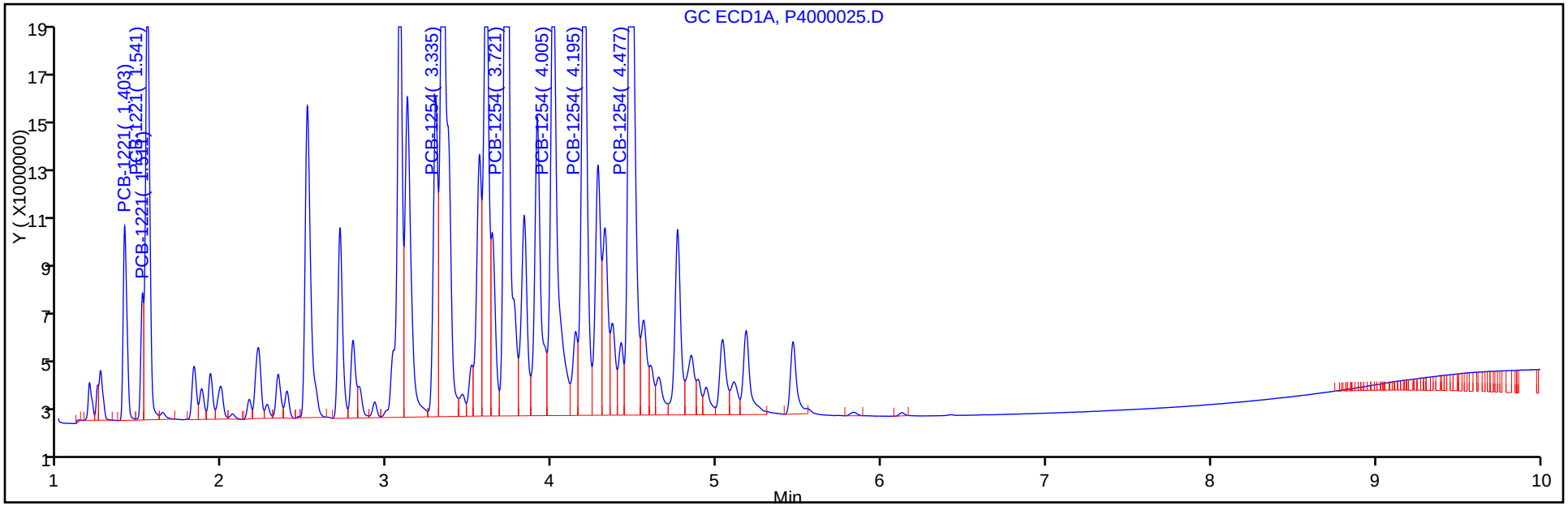
Report Date: 15-Apr-2013 13:05:09 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

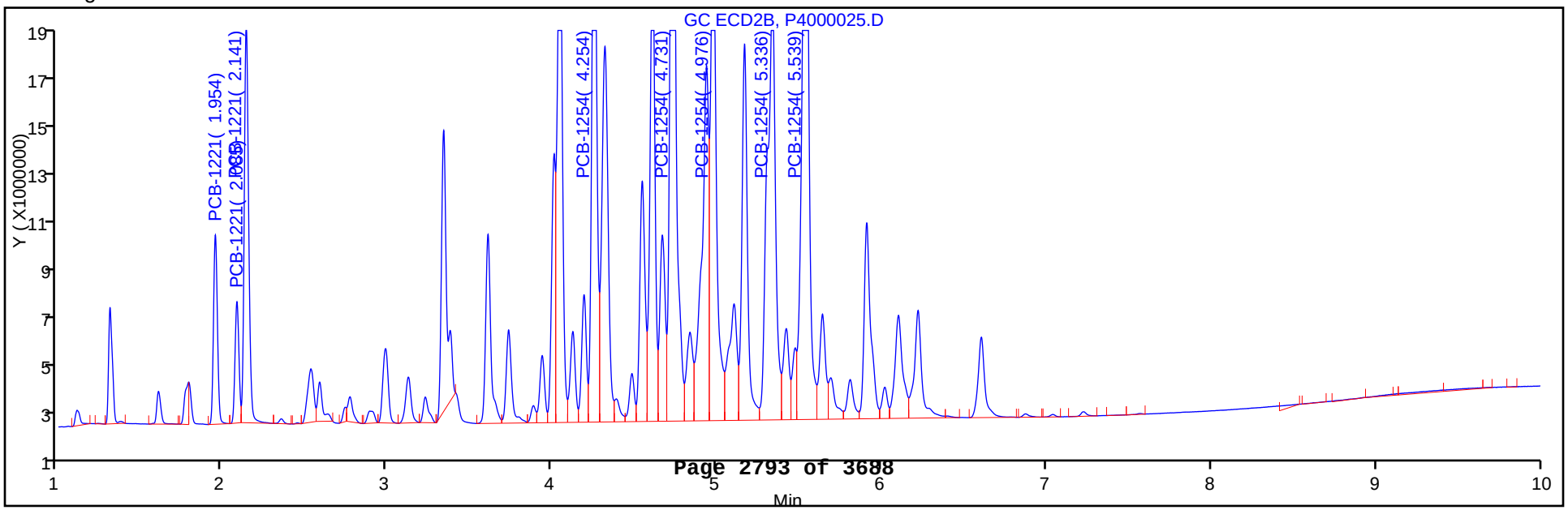
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000025.D

Injection Date:	15-Apr-2013 05:27:07	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	25
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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000026.D
Lims ID: STD2 AR2154 Client ID:
Inject. Date: 15-Apr-2013 05:42:42 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0018824-026
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 26
Lims Batch ID: 81761 Lims Sample ID: 26
Sublist: chrom-PCB4*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:05:10 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	1.403	1.404	-0.001	24993419	1.68		100.0	
1	3	1.511	1.511	0.000	12448583	1.68	31.2- 81.2	49.8	
1	4	1.541	1.541	0.000	61885697	1.67	221.6- 271.6	247.6	
			Average of Peak Amounts =			1.68			
2	4	1.954	1.955	-0.001	25146718	1.66		100.0	
2	5	2.084	2.085	-0.001	14711325	1.54	34.7- 94.7	58.5	
2	6	2.141	2.141	0.000	56597648	1.60	206.7- 266.7	225.1	
			Average of Peak Amounts =			1.60			
						RPD = 4.70			
8 PCB-1254									
1	100	3.335	3.335	0.000	149724154	1.91		100.0	
1	2	3.721	3.722	-0.001	169188117	2.00	82.1- 132.1	113.0	
1	3	4.005	4.007	-0.002	118254683	2.15	43.1- 93.1	79.0	
1	4	4.194	4.195	-0.001	104471131	1.92	43.7- 93.7	69.8	
1	5	4.478	4.479	-0.001	155892795	1.99	73.6- 123.6	104.1	
			Average of Peak Amounts =			1.99			
2	6	4.254	4.255	-0.001	106244805	1.86		100.0	
2	7	4.730	4.732	-0.002	173091637	1.91	125.6- 185.6	162.9	
2	8	4.977	4.979	-0.002	111007609	2.02	62.4- 122.4	104.5	
2	9	5.337	5.338	-0.001	130463410	1.99	43.9- 103.9	122.8	
2	10	5.539	5.540	-0.001	166807211	1.95	115.2- 175.2	157.0	
			Average of Peak Amounts =			1.94			
						RPD = 2.57			

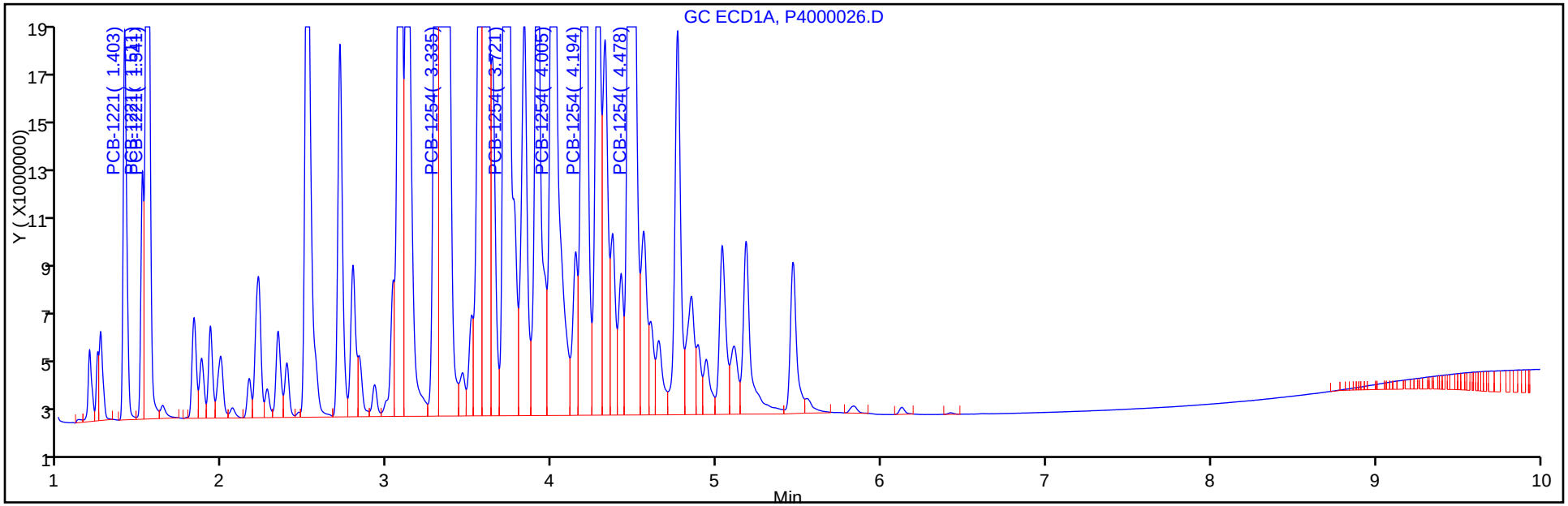
Report Date: 15-Apr-2013 13:05:11 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

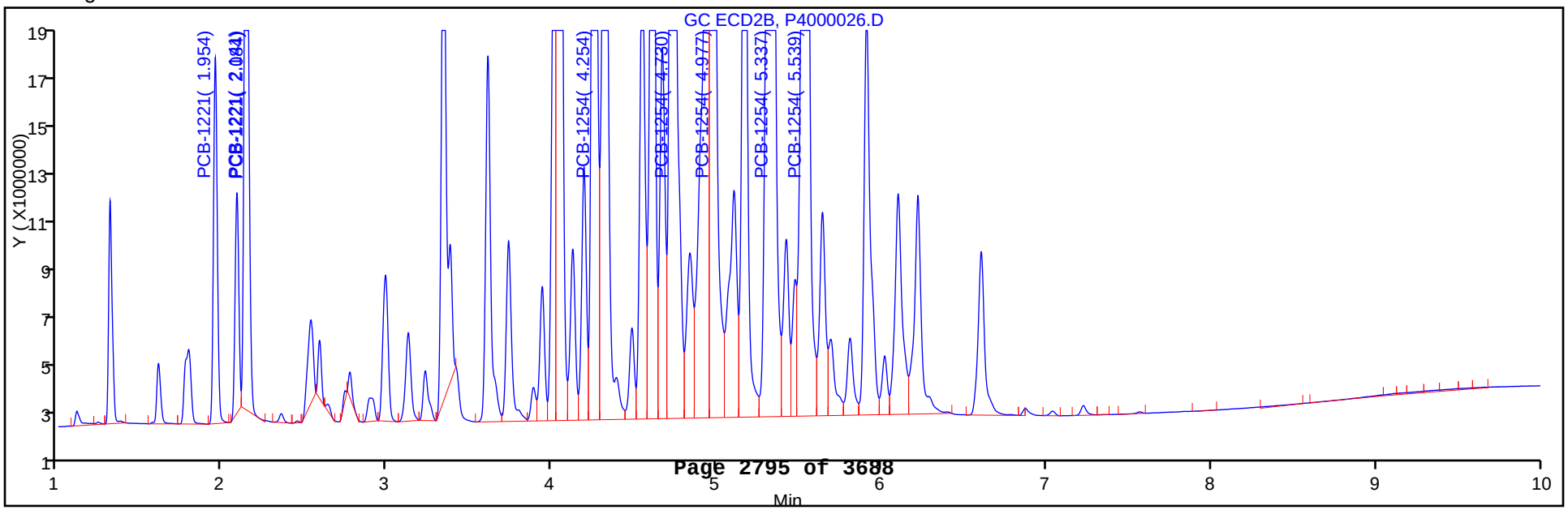
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000026.D

Injection Date:	15-Apr-2013 05:42:42	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	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: Method Defined: Set to Absolute Y Value



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1 Analy Batch No.: 81761

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2013 04:24 Calibration End Date: 04/15/2013 05:42 Calibration ID: 14528

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-81761/21	P4000021.D
Level 2	STD01 240-81761/22	P4000022.D
Level 3	STD02 240-81761/23	P4000023.D
Level 4	STD05 240-81761/24	P4000024.D
Level 5	STD1 240-81761/25	P4000025.D
Level 6	STD2 240-81761/26	P4000026.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1221 Peak 1	1.955	1.952	1.952	1.952	1.954	1.954					1.855 - 2.055	1.953
PCB-1221 Peak 2	2.085	2.084	2.084	2.084	2.085	2.084					1.985 - 2.185	2.084
PCB-1221 Peak 3	2.141	2.141	2.140	2.141	2.141	2.141					2.041 - 2.241	2.141
PCB-1254 Peak 1	4.255	4.254	4.254	4.254	4.254	4.254					4.155 - 4.355	4.254
PCB-1254 Peak 2	4.732	4.731	4.730	4.731	4.731	4.730					4.632 - 4.832	4.731
PCB-1254 Peak 3	4.979	4.977	4.978	4.976	4.976	4.977					4.879 - 5.079	4.977
PCB-1254 Peak 4	5.338	5.338	5.336	5.336	5.336	5.337					5.238 - 5.438	5.337
PCB-1254 Peak 5	5.540	5.539	5.539	5.539	5.539	5.539					5.440 - 5.640	5.539

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-22804-1 Analy Batch No.: 81761

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2013 04:24 Calibration End Date: 04/15/2013 05:42 Calibration ID: 14528

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-81761/21	P4000021.D
Level 2	STD01 240-81761/22	P4000022.D
Level 3	STD02 240-81761/23	P4000023.D
Level 4	STD05 240-81761/24	P4000024.D
Level 5	STD1 240-81761/25	P4000025.D
Level 6	STD2 240-81761/26	P4000026.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								
PCB-1221 Peak 1	17486060 13354678	16821930 12573359	15760205	14746770	Ave		15123833.7				13.0		20.0			
PCB-1221 Peak 2	10925000 8507932	10754320 7355663	10199725	9581934	Ave		9554095.58				15.0		20.0			
PCB-1221 Peak 3	40524140 31671337	39361020 28298824	37307160	35222544	Ave		35397504.2				13.0		20.0			
PCB-1254 Peak 1	62066020 54190142	59636140 53122403	58294655	56188160	Ave		57249586.6				5.9		20.0			
PCB-1254 Peak 2	97403840 87952848	92208080 86545819	90694540	89951168	Ave		90792715.8				4.2		20.0			
PCB-1254 Peak 3	57249400 54756328	54996280 55503805	53886800	54144908	Ave		55089586.8				2.2		20.0			
PCB-1254 Peak 4	41969880 64395799	42811900 65231705	43066275	43489334	Qua	-2710774.8	58727791.0	4103624.43						0.9950		0.9900
PCB-1254 Peak 5	91084660 83743405	86757840 83403606	84654420	83703946	Ave		85557979.4				3.5		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-22804-1 Analy Batch No.: 81761

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2013 04:24 Calibration End Date: 04/15/2013 05:42 Calibration ID: 14528

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-81761/21	P4000021.D
Level 2	STD01 240-81761/22	P4000022.D
Level 3	STD02 240-81761/23	P4000023.D
Level 4	STD05 240-81761/24	P4000024.D
Level 5	STD1 240-81761/25	P4000025.D
Level 6	STD2 240-81761/26	P4000026.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1221 Peak 1	Ave	874303 25146718	1682193	3152041	7373385	13354678	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1221 Peak 2	Ave	546250 14711325	1075432	2039945	4790967	8507932	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1221 Peak 3	Ave	2026207 56597648	3936102	7461432	17611272	31671337	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 1	Ave	3103301 106244805	5963614	11658931	28094080	54190142	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 2	Ave	4870192 173091637	9220808	18138908	44975584	87952848	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 3	Ave	2862470 111007609	5499628	10777360	27072454	54756328	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 4	Qua	2098494 130463410	4281190	8613255	21744667	64395799	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 5	Ave	4554233 166807211	8675784	16930884	41851973	83743405	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:

Ave = Average
Qua = Quadratic

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000021.D
Lims ID: STD005 AR2154 Client ID:
Inject. Date: 15-Apr-2013 04:24:26 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0018824-021
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 21
Lims Batch ID: 81761 Lims Sample ID: 21
Sublist: chrom-PCB4*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:59 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	1.404	1.404	0.000	851092	0.0572		100.0	
1	3	1.511	1.511	0.000	385042	0.0521	31.2- 81.2	45.2	
1	4	1.541	1.541	0.000	2161172	0.0582	221.6- 271.6	253.9	
			Average of Peak Amounts =			0.0559			
2	4	1.955	1.955	0.000	874303	0.0578		100.0	
2	5	2.085	2.085	0.000	546250	0.0572	34.7- 94.7	62.5	
2	6	2.141	2.141	0.000	2026207	0.0572	206.7- 266.7	231.8	
			Average of Peak Amounts =			0.0574			
						RPD = 2.74			
8 PCB-1254									
1	100	3.335	3.335	0.000	4198182	0.0537		100.0	
1	2	3.722	3.722	0.000	4473856	0.0528	82.1- 132.1	106.6	
1	3	4.007	4.007	0.000	2666903	0.0484	43.1- 93.1	63.5	
1	4	4.195	4.195	0.000	2900678	0.0534	43.7- 93.7	69.1	
1	5	4.479	4.479	0.000	4059790	0.0518	73.6- 123.6	96.7	
			Average of Peak Amounts =			0.0520			
2	6	4.255	4.255	0.000	3103301	0.0542		100.0	
2	7	4.732	4.732	0.000	4870192	0.0536	125.6- 185.6	156.9	
2	8	4.979	4.979	0.000	2862470	0.0520	62.4- 122.4	92.2	
2	9	5.338	5.338	0.000	2098494	0.0814	43.9- 103.9	67.6	
2	10	5.540	5.540	0.000	4554233	0.0532	115.2- 175.2	146.8	
			Average of Peak Amounts =			0.0589			
						RPD = 12.39			

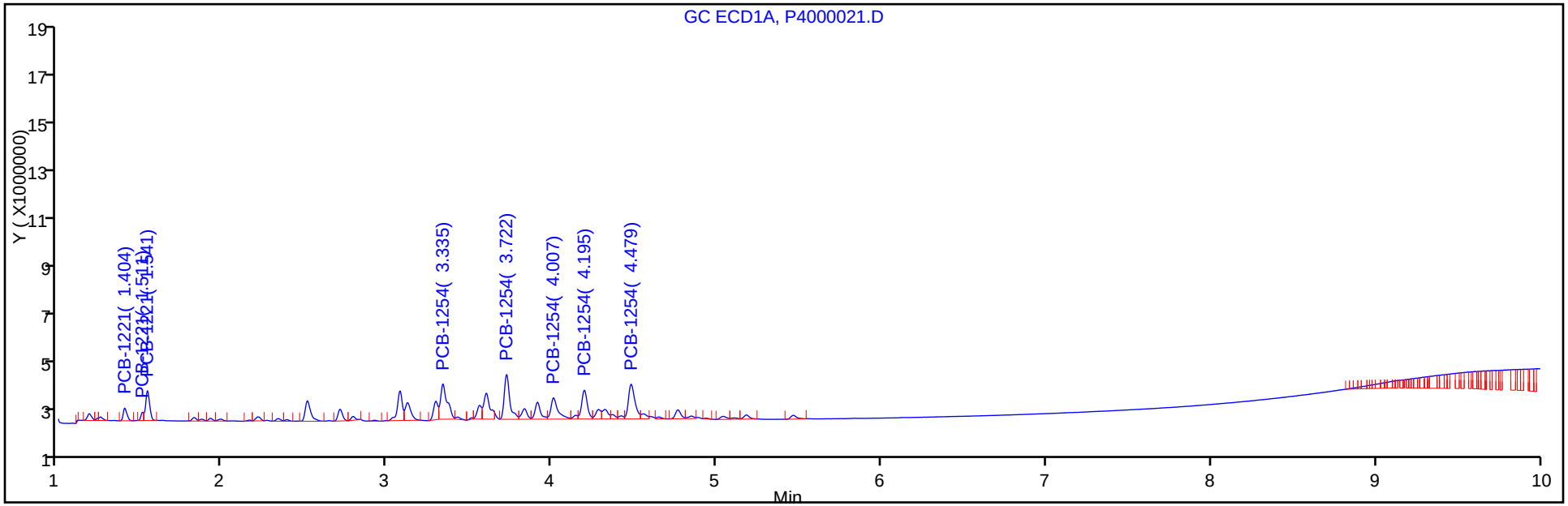
Report Date: 15-Apr-2013 13:05:01 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

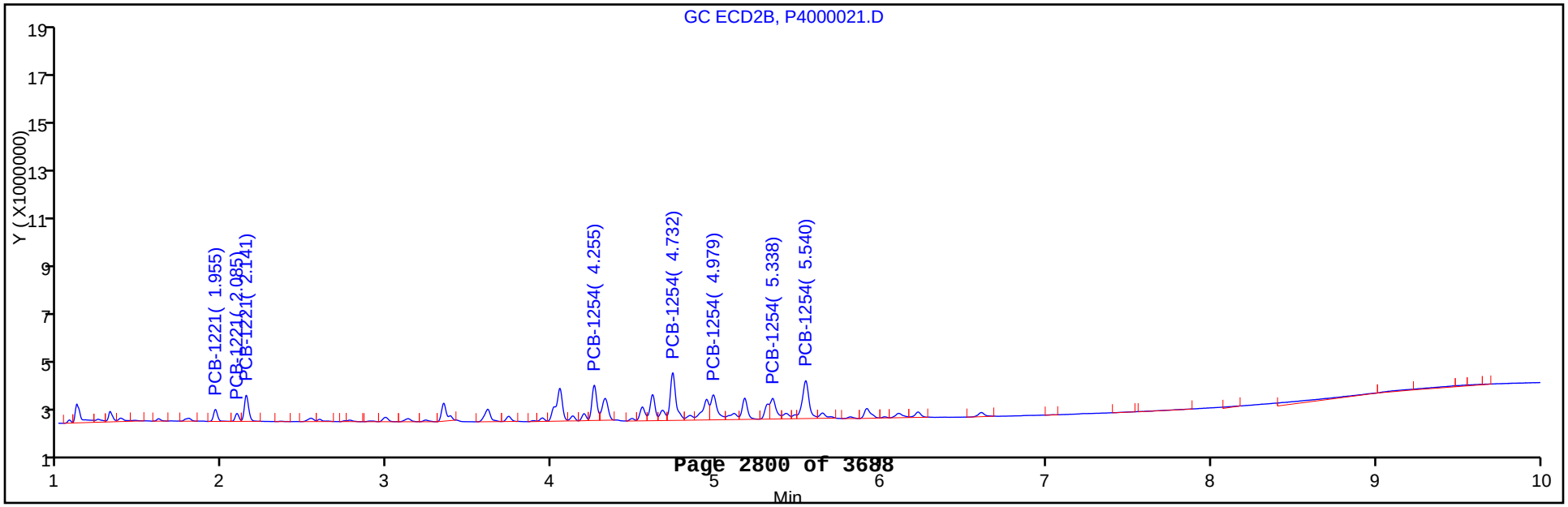
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000021.D

Injection Date:	15-Apr-2013 04:24:26	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	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: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000022.D
Lims ID: STD01 AR2154 Client ID:
Inject. Date: 15-Apr-2013 04:40:05 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0018824-022
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 22
Lims Batch ID: 81761 Lims Sample ID: 22
Sublist: chrom-PCB4*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:05:01 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	1.401	1.404	-0.003	1619276	0.1089		100.0	
1	3	1.511	1.511	0.000	799027	0.1081	31.2- 81.2	49.3	
1	4	1.540	1.541	-0.001	3967869	0.1069	221.6- 271.6	245.0	
			Average of Peak Amounts =			0.1080			
2	4	1.952	1.955	-0.003	1682193	0.1112		100.0	
2	5	2.084	2.085	-0.001	1075432	0.1126	34.7- 94.7	63.9	
2	6	2.141	2.141	0.000	3936102	0.1112	206.7- 266.7	234.0	
			Average of Peak Amounts =			0.1117			
						RPD = 3.36			
8 PCB-1254									
1	100	3.335	3.335	0.000	7907314	0.1011		100.0	
1	2	3.722	3.722	0.000	8249965	0.0973	82.1- 132.1	104.3	
1	3	4.007	4.007	0.000	5340154	0.0970	43.1- 93.1	67.5	
1	4	4.194	4.195	-0.001	5586751	0.1029	43.7- 93.7	70.7	
1	5	4.479	4.479	0.000	7833492	0.0999	73.6- 123.6	99.1	
			Average of Peak Amounts =			0.0996			
2	6	4.254	4.255	-0.001	5963614	0.1042		100.0	
2	7	4.731	4.732	-0.001	9220808	0.1016	125.6- 185.6	154.6	
2	8	4.977	4.979	-0.002	5499628	0.0998	62.4- 122.4	92.2	
2	9	5.338	5.338	0.000	4281190	0.1181	43.9- 103.9	71.8	
2	10	5.539	5.540	-0.001	8675784	0.1014	115.2- 175.2	145.5	
			Average of Peak Amounts =			0.1050			
						RPD = 5.24			

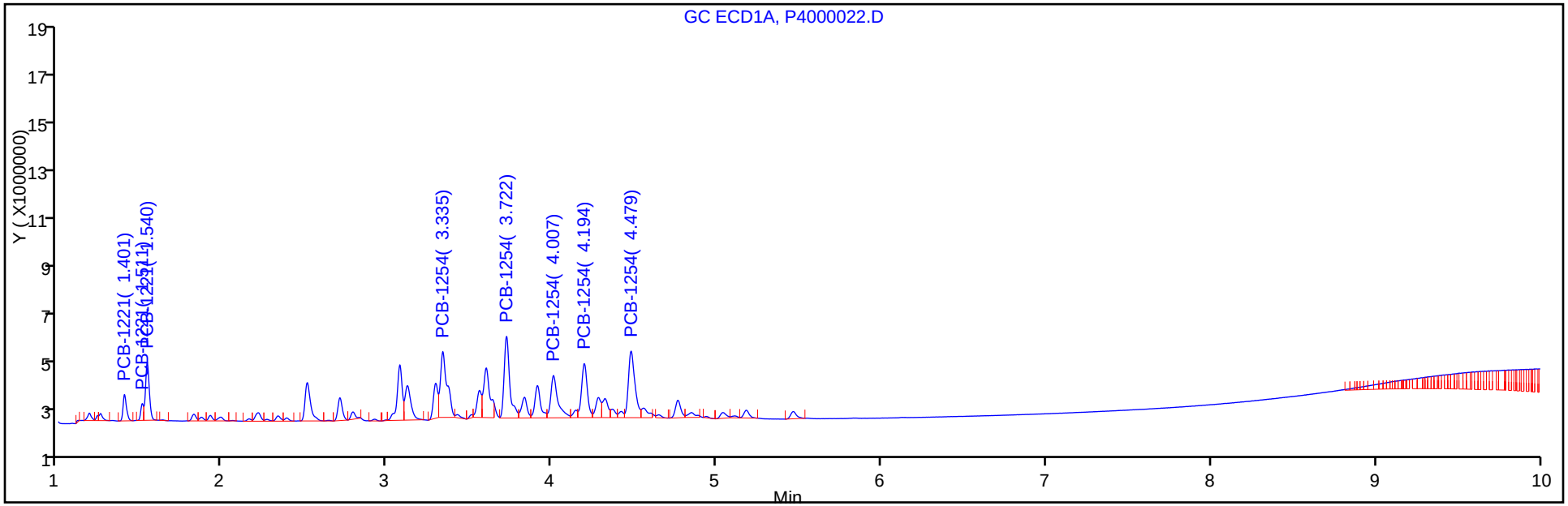
Report Date: 15-Apr-2013 13:05:03 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

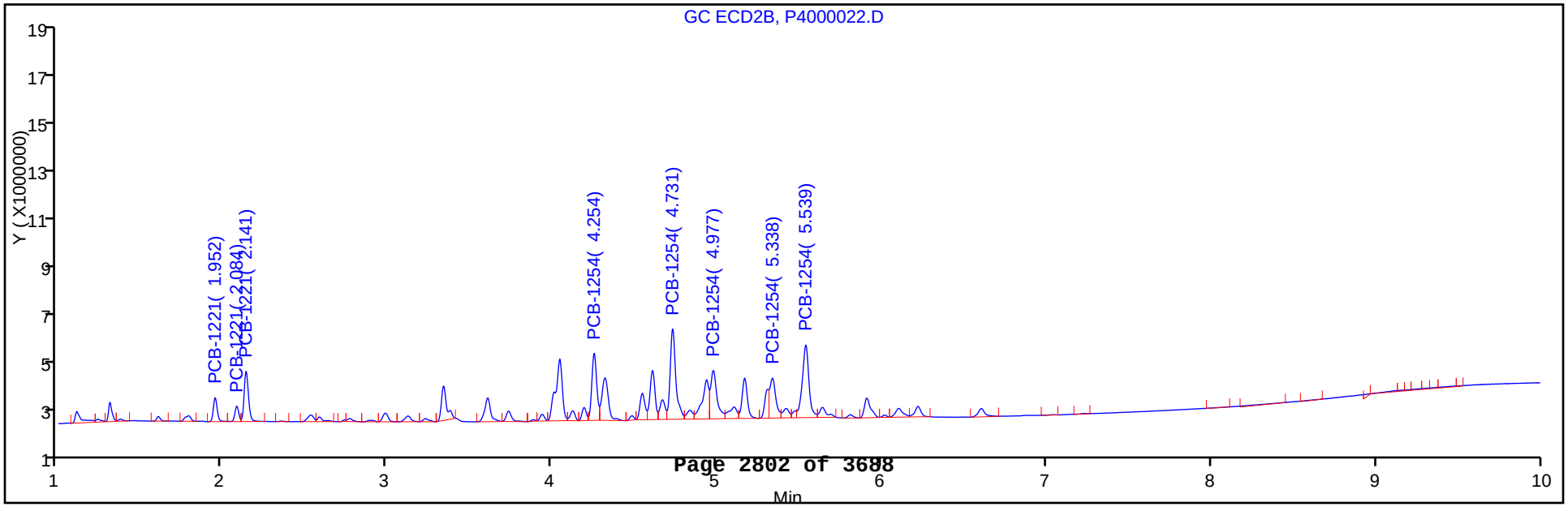
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000022.D

Injection Date:	15-Apr-2013 04:40:05	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	22
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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000023.D
Lims ID: STD02 AR2154 Client ID:
Inject. Date: 15-Apr-2013 04:55:43 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0018824-023
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 23
Lims Batch ID: 81761 Lims Sample ID: 23
Sublist: chrom-PCB4*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:05:04 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	1.402	1.404	-0.002	3136531	0.2109		100.0	
1	3	1.510	1.511	-0.001	1764290	0.2388	31.2- 81.2	56.2	
1	4	1.540	1.541	-0.001	7733929	0.2083	221.6- 271.6	246.6	
			Average of Peak Amounts =			0.2193			
2	4	1.952	1.955	-0.003	3152041	0.2084		100.0	
2	5	2.084	2.085	-0.001	2039945	0.2135	34.7- 94.7	64.7	
2	6	2.140	2.141	-0.001	7461432	0.2108	206.7- 266.7	236.7	
			Average of Peak Amounts =			0.2109			
						RPD = 3.92			
8 PCB-1254									
1	100	3.335	3.335	0.000	15956978	0.2040		100.0	
1	2	3.722	3.722	0.000	17097623	0.2017	82.1- 132.1	107.1	
1	3	4.007	4.007	0.000	10864044	0.1972	43.1- 93.1	68.1	
1	4	4.195	4.195	0.000	10955715	0.2018	43.7- 93.7	68.7	
1	5	4.478	4.479	-0.001	15730427	0.2007	73.6- 123.6	98.6	
			Average of Peak Amounts =			0.2011			
2	6	4.254	4.255	-0.001	11658931	0.2037		100.0	
2	7	4.730	4.732	-0.002	18138908	0.1998	125.6- 185.6	155.6	
2	8	4.978	4.979	-0.001	10777360	0.1956	62.4- 122.4	92.4	
2	9	5.336	5.338	-0.002	8613255	0.1903	43.9- 103.9	73.9	
2	10	5.539	5.540	-0.001	16930884	0.1979	115.2- 175.2	145.2	
			Average of Peak Amounts =			0.1974			
						RPD = 1.83			

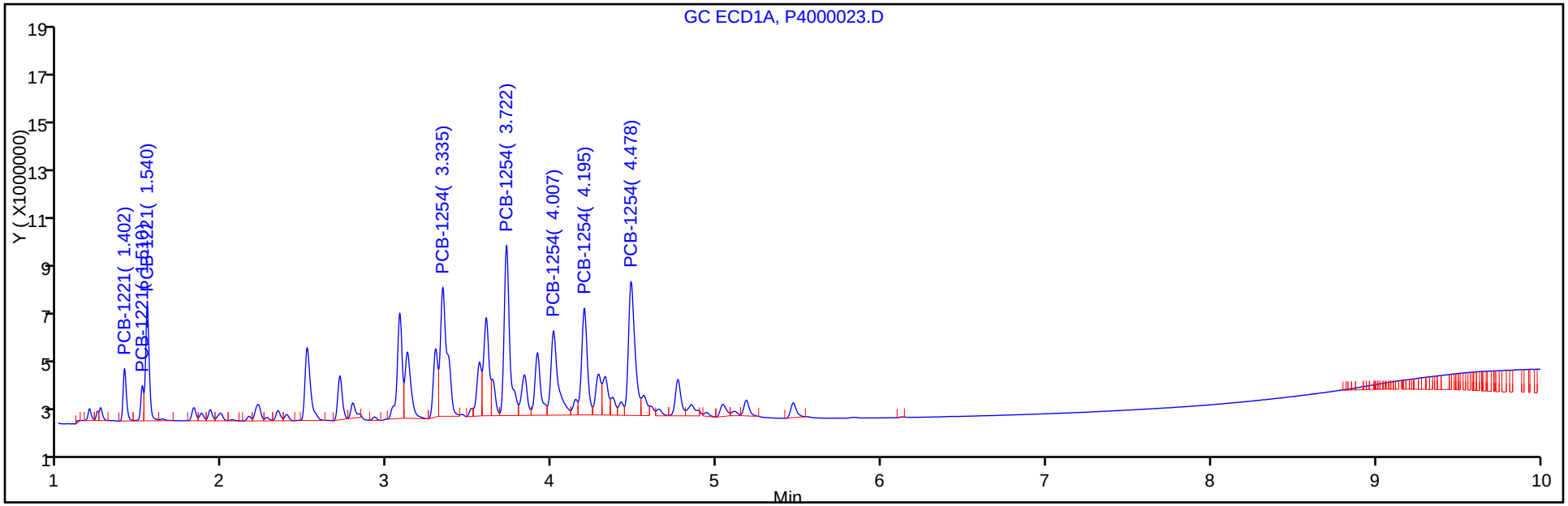
Report Date: 15-Apr-2013 13:05:06 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

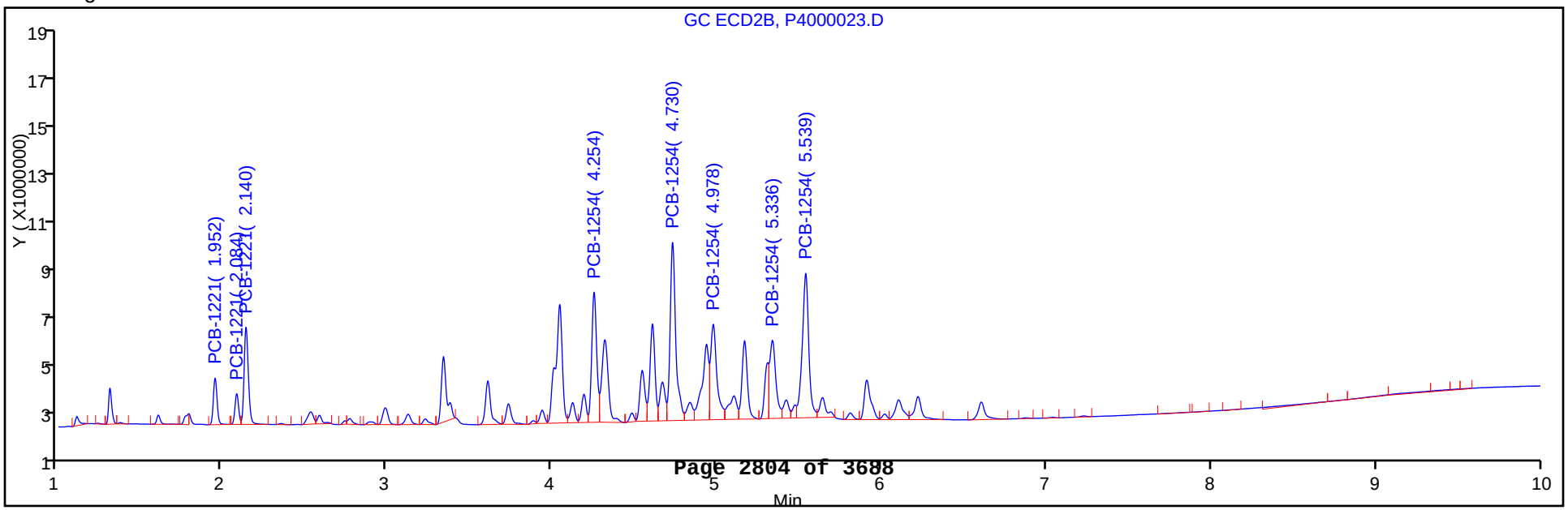
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000023.D

Injection Date:	15-Apr-2013 04:55:43	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	23
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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000024.D
Lims ID: STD05 AR2154 Client ID:
Inject. Date: 15-Apr-2013 05:11:24 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0018824-024
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 24
Lims Batch ID: 81761 Lims Sample ID: 24
Sublist: chrom-PCB4*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:05:06 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	1.402	1.404	-0.002	7285319	0.4899		100.0	
1	3	1.511	1.511	0.000	3722196	0.5038	31.2- 81.2	51.1	
1	4	1.541	1.541	0.000	18280564	0.4925	221.6- 271.6	250.9	
			Average of Peak Amounts =			0.4954			
2	4	1.952	1.955	-0.003	7373385	0.4875		100.0	
2	5	2.084	2.085	-0.001	4790967	0.5015	34.7- 94.7	65.0	
2	6	2.141	2.141	0.000	17611272	0.4975	206.7- 266.7	238.8	
			Average of Peak Amounts =			0.4955			
						RPD = 0.03			
8 PCB-1254									
1	100	3.335	3.335	0.000	37333934	0.4774		100.0	
1	2	3.721	3.722	-0.001	41373949	0.4881	82.1- 132.1	110.8	
1	3	4.006	4.007	-0.001	26251210	0.4766	43.1- 93.1	70.3	
1	4	4.193	4.195	-0.002	25873042	0.4766	43.7- 93.7	69.3	
1	5	4.478	4.479	-0.001	38354016	0.4893	73.6- 123.6	102.7	
			Average of Peak Amounts =			0.4816			
2	6	4.254	4.255	-0.001	28094080	0.4907		100.0	
2	7	4.731	4.732	-0.001	44975584	0.4954	125.6- 185.6	160.1	
2	8	4.976	4.979	-0.003	27072454	0.4914	62.4- 122.4	96.4	
2	9	5.336	5.338	-0.002	21744667	0.4050	43.9- 103.9	77.4	
2	10	5.539	5.540	-0.001	41851973	0.4892	115.2- 175.2	149.0	
			Average of Peak Amounts =			0.4743			
						RPD = 1.52			

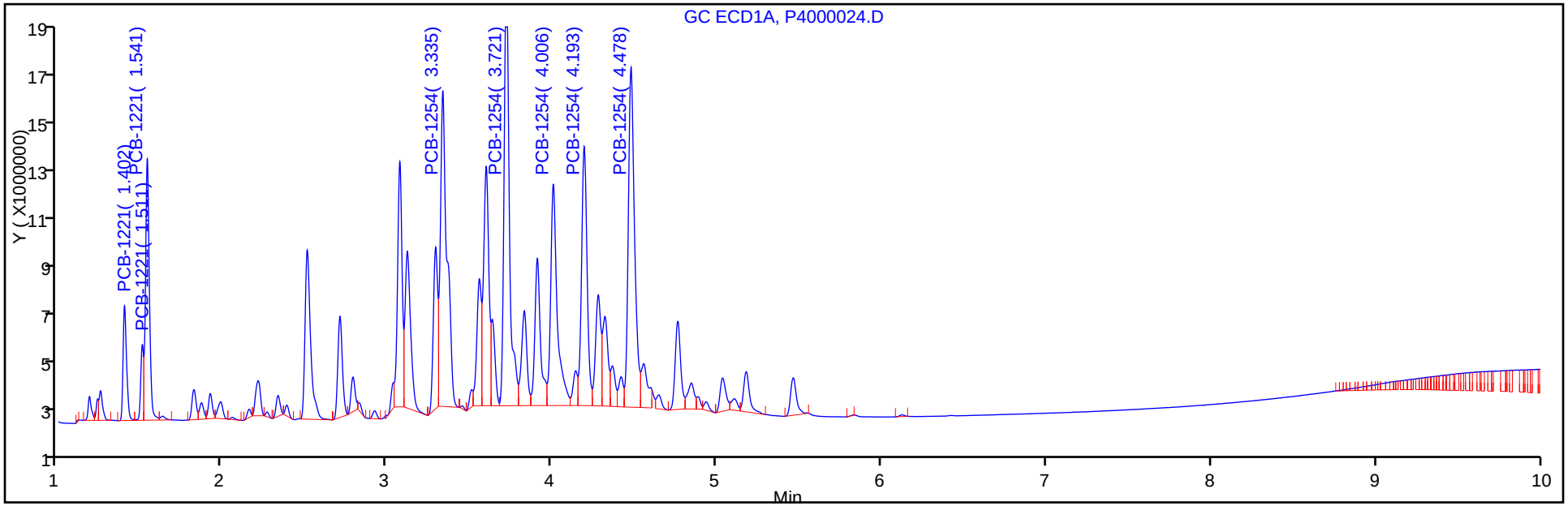
Report Date: 15-Apr-2013 13:05:08 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

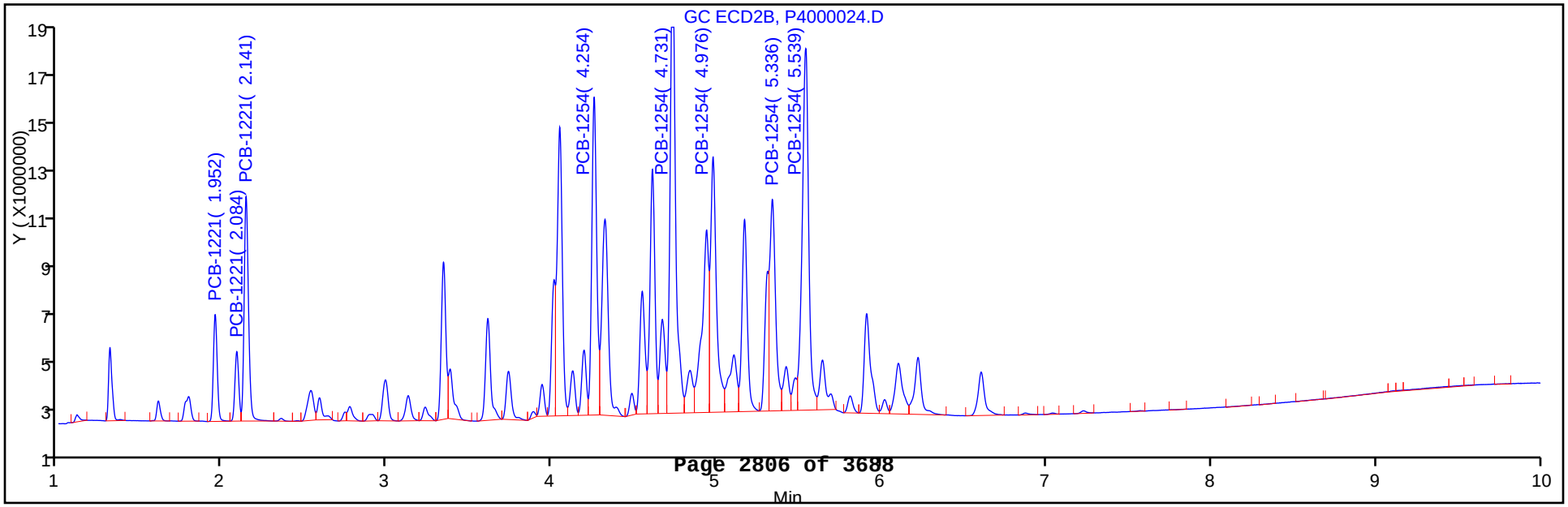
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000024.D

Injection Date:	15-Apr-2013 05:11:24	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	24
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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000025.D
Lims ID: STD1 AR2154 Client ID:
Inject. Date: 15-Apr-2013 05:27:07 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0018824-025
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 25
Lims Batch ID: 81761 Lims Sample ID: 25
Sublist: chrom-PCB4*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:05:08 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	1.403	1.404	-0.001	13260162	0.8917		100.0	
1	3	1.511	1.511	0.000	6152280	0.8326	31.2- 81.2	46.4	
1	4	1.541	1.541	0.000	33644031	0.9064	221.6- 271.6	253.7	
			Average of Peak Amounts =			0.8769			
2	4	1.954	1.955	-0.001	13354678	0.8830		100.0	
2	5	2.085	2.085	0.000	8507932	0.8905	34.7- 94.7	63.7	
2	6	2.141	2.141	0.000	31671337	0.8947	206.7- 266.7	237.2	
			Average of Peak Amounts =			0.8894			
						RPD = 1.42			
8 PCB-1254									
1	100	3.335	3.335	0.000	76899037	0.9833		100.0	
1	2	3.721	3.722	-0.001	83814263	0.9887	82.1- 132.1	109.0	
1	3	4.005	4.007	-0.002	57787834	1.05	43.1- 93.1	75.1	
1	4	4.195	4.195	0.000	53046855	0.9773	43.7- 93.7	69.0	
1	5	4.477	4.479	-0.002	77456000	0.9882	73.6- 123.6	100.7	
			Average of Peak Amounts =			1.00			
2	6	4.254	4.255	-0.001	54190142	0.9466		100.0	
2	7	4.731	4.732	-0.001	87952848	0.9687	125.6- 185.6	162.3	
2	8	4.976	4.979	-0.003	54756328	0.99	62.4- 122.4	101.0	
2	9	5.336	5.338	-0.002	64395799	1.06	43.9- 103.9	118.8	
2	10	5.539	5.540	-0.001	83743405	0.9788	115.2- 175.2	154.5	
			Average of Peak Amounts =			0.99			
						RPD = 0.70			

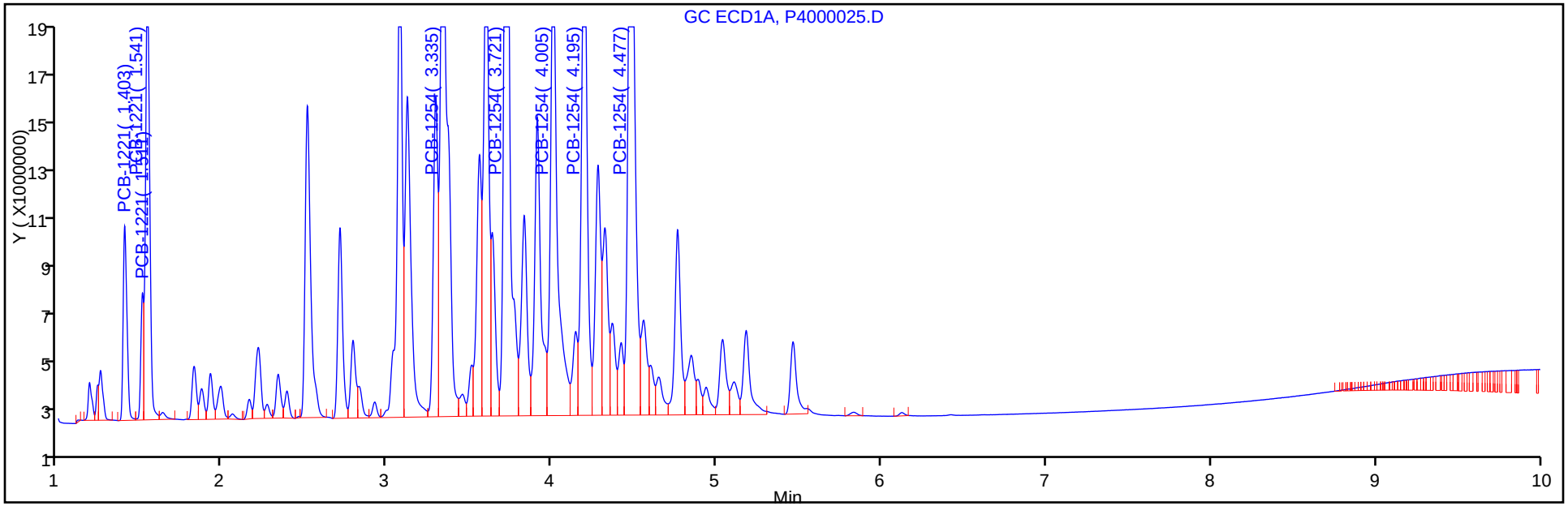
Report Date: 15-Apr-2013 13:05:09 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

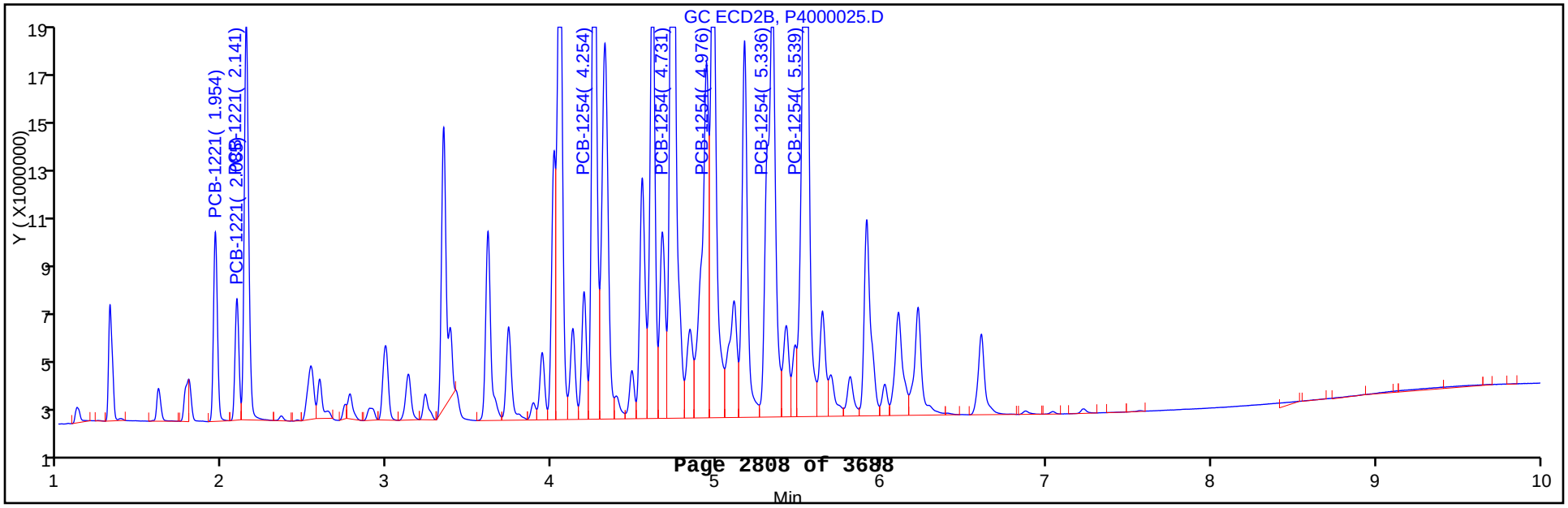
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000025.D

Injection Date:	15-Apr-2013 05:27:07	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	25
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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000026.D
Lims ID: STD2 AR2154 Client ID:
Inject. Date: 15-Apr-2013 05:42:42 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0018824-026
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 26
Lims Batch ID: 81761 Lims Sample ID: 26
Sublist: chrom-PCB4*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:05:10 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	1.403	1.404	-0.001	24993419	1.68		100.0	
1	3	1.511	1.511	0.000	12448583	1.68	31.2- 81.2	49.8	
1	4	1.541	1.541	0.000	61885697	1.67	221.6- 271.6	247.6	
			Average of Peak Amounts =			1.68			
2	4	1.954	1.955	-0.001	25146718	1.66		100.0	
2	5	2.084	2.085	-0.001	14711325	1.54	34.7- 94.7	58.5	
2	6	2.141	2.141	0.000	56597648	1.60	206.7- 266.7	225.1	
			Average of Peak Amounts =			1.60			
						RPD = 4.70			
8 PCB-1254									
1	100	3.335	3.335	0.000	149724154	1.91		100.0	
1	2	3.721	3.722	-0.001	169188117	2.00	82.1- 132.1	113.0	
1	3	4.005	4.007	-0.002	118254683	2.15	43.1- 93.1	79.0	
1	4	4.194	4.195	-0.001	104471131	1.92	43.7- 93.7	69.8	
1	5	4.478	4.479	-0.001	155892795	1.99	73.6- 123.6	104.1	
			Average of Peak Amounts =			1.99			
2	6	4.254	4.255	-0.001	106244805	1.86		100.0	
2	7	4.730	4.732	-0.002	173091637	1.91	125.6- 185.6	162.9	
2	8	4.977	4.979	-0.002	111007609	2.02	62.4- 122.4	104.5	
2	9	5.337	5.338	-0.001	130463410	1.99	43.9- 103.9	122.8	
2	10	5.539	5.540	-0.001	166807211	1.95	115.2- 175.2	157.0	
			Average of Peak Amounts =			1.94			
						RPD = 2.57			

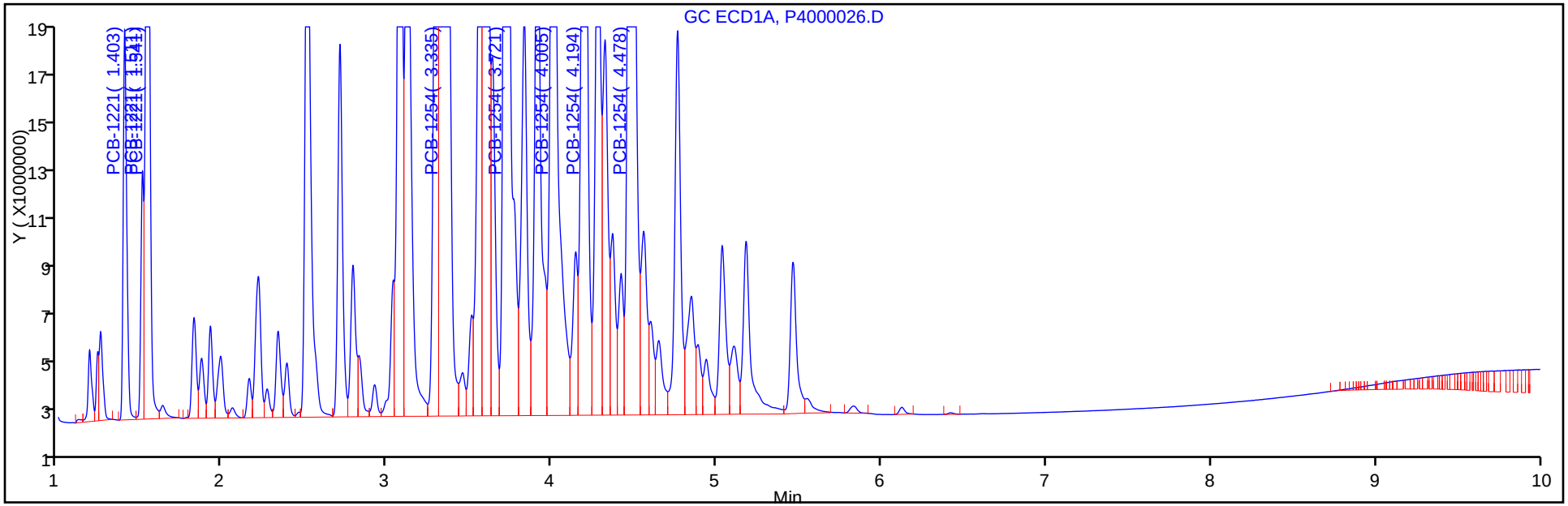
Report Date: 15-Apr-2013 13:05:11 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

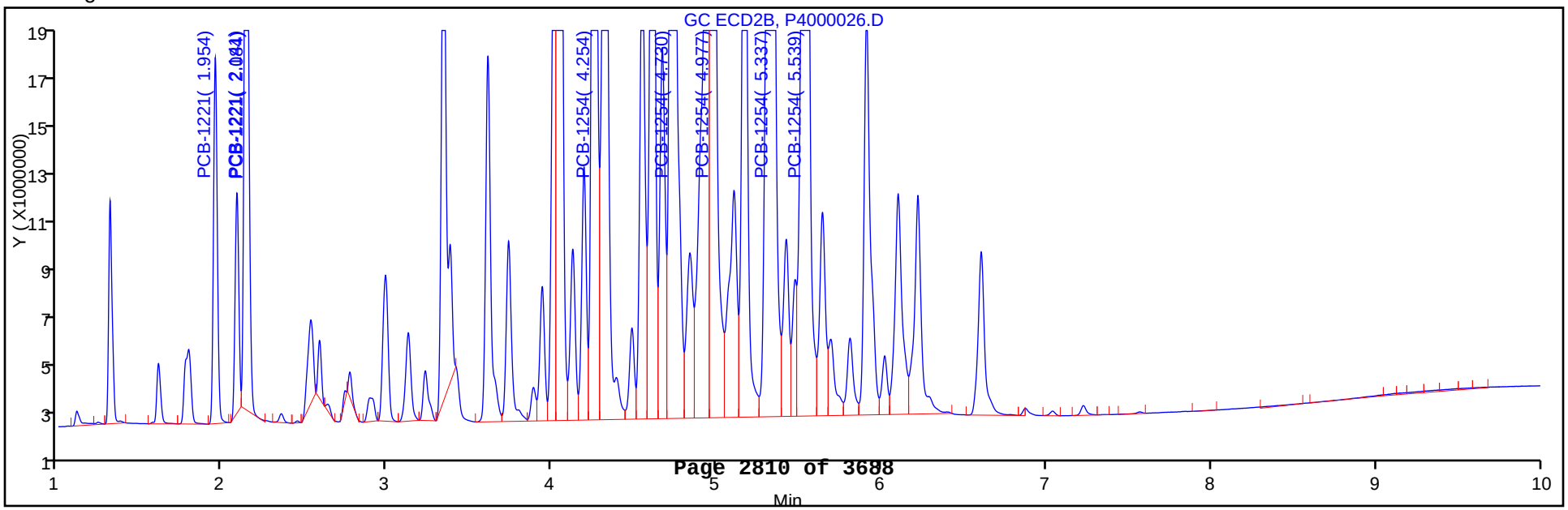
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000026.D

Injection Date:	15-Apr-2013 05:42:42	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	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: Method Defined: Set to Absolute Y Value



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1 Analy Batch No.: 81761

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2013 05:58 Calibration End Date: 04/15/2013 07:16 Calibration ID: 14533

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-81761/27	P4000027.D
Level 2	STD01 240-81761/28	P4000028.D
Level 3	STD02 240-81761/29	P4000029.D
Level 4	STD05 240-81761/30	P4000030.D
Level 5	STD1 240-81761/31	P4000031.D
Level 6	STD2 240-81761/32	P4000032.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1016 Peak 1	1.544	1.543	1.542	1.542	1.542	1.543					1.442 - 1.642	1.543
PCB-1016 Peak 2	1.826	1.824	1.824	1.824	1.824	1.824					1.724 - 1.924	1.824
PCB-1016 Peak 3	2.218	2.215	2.216	2.216	2.216	2.215					2.116 - 2.316	2.216
PCB-1016 Peak 4	2.337	2.336	2.336	2.336	2.336	2.335					2.236 - 2.436	2.336
PCB-1016 Peak 5	2.714	2.714	2.716	2.714	2.714	2.714					2.614 - 2.814	2.714
PCB-1260 Peak 1	3.912	3.911	3.911	3.911	3.912	3.911					3.811 - 4.011	3.911
PCB-1260 Peak 2	4.199	4.199	4.199	4.199	4.198	4.198					4.099 - 4.299	4.199
PCB-1260 Peak 3	4.480	4.480	4.481	4.479	4.478	4.478					4.379 - 4.579	4.479
PCB-1260 Peak 4	5.180	5.180	5.180	5.178	5.179	5.177					5.078 - 5.278	5.179
PCB-1260 Peak 5	5.465	5.465	5.465	5.464	5.464	5.463					5.364 - 5.564	5.464
Tetrachloro-m-xylene	1.274	1.273	1.273	1.273	1.273	1.274					1.173 - 1.373	1.273
DCB Decachlorobiphenyl	6.616	6.616	6.616	6.615	6.616	6.615					6.515 - 6.715	6.616

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-22804-1 Analy Batch No.: 81761

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2013 05:58 Calibration End Date: 04/15/2013 07:16 Calibration ID: 14533

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-81761/27	P4000027.D
Level 2	STD01 240-81761/28	P4000028.D
Level 3	STD02 240-81761/29	P4000029.D
Level 4	STD05 240-81761/30	P4000030.D
Level 5	STD1 240-81761/31	P4000031.D
Level 6	STD2 240-81761/32	P4000032.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								
PCB-1016 Peak 1	31837640 24260203	29836670 22733654	27573185	26582352	Ave		27137283.9				13.0		20.0			
PCB-1016 Peak 2	57372160 43493540	54335030 40702913	49913240	47985948	Ave		48967138.4				13.0		20.0			
PCB-1016 Peak 3	97285300 89669755	99456590 86891443	93022245	94315168	Ave		93440083.5				5.0		20.0			
PCB-1016 Peak 4	43036640 39524466	45958620 38291074	42393700	42569200	Ave		41962283.3				6.5		20.0			
PCB-1016 Peak 5	47906900 39299859	45258450 38359834	41537985	42031174	Ave		42399033.7				8.5		20.0			
PCB-1260 Peak 1	69815200 58486212	66155340 56804131	60891940	62249248	Ave		62400345.2				7.8		20.0			
PCB-1260 Peak 2	121211620 103815872	116703660 100819795	107897050	110320724	Ave		110128120				7.0		20.0			
PCB-1260 Peak 3	113398760 104066785	112465890 102507060	104381375	109191204	Ave		107668512				4.3		20.0			
PCB-1260 Peak 4	127560700 128178666	133505570 126174887	125284235	135553126	Ave		129376197				3.2		20.0			
PCB-1260 Peak 5	60522000 57763115	57853830 58289634	54258280	60780994	Ave		58244642.2				4.1		20.0			
Tetrachloro-m-xylene	1880546400 1508612920	1583499800 1396331240	1552370700	1580282840	Ave		1583607317				10.0		20.0			
DCB Decachlorobiphenyl	1632286400 1217454400	1374232000 1152757710	1308405000	1326167240	Ave		1335217125				12.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-22804-1 Analy Batch No.: 81761

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2013 05:58 Calibration End Date: 04/15/2013 07:16 Calibration ID: 14533

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-81761/27	P4000027.D
Level 2	STD01 240-81761/28	P4000028.D
Level 3	STD02 240-81761/29	P4000029.D
Level 4	STD05 240-81761/30	P4000030.D
Level 5	STD1 240-81761/31	P4000031.D
Level 6	STD2 240-81761/32	P4000032.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	1591882 45467307	2983667	5514637	13291176	24260203	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 2	Ave	2868608 81405825	5433503	9982648	23992974	43493540	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 3	Ave	4864265 173782886	9945659	18604449	47157584	89669755	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 4	Ave	2151832 76582147	4595862	8478740	21284600	39524466	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 5	Ave	2395345 76719668	4525845	8307597	21015587	39299859	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 1	Ave	3490760 113608262	6615534	12178388	31124624	58486212	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 2	Ave	6060581 201639590	11670366	21579410	55160362	103815872	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 3	Ave	5669938 205014119	11246589	20876275	54595602	104066785	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 4	Ave	6378035 252349773	13350557	25056847	67776563	128178666	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 5	Ave	3026100 116579268	5785383	10851656	30390497	57763115	0.0500 2.00	0.100	0.200	0.500	1.00
Tetrachloro-m-xylene	Ave	4701366 139633124	7917499	15523707	39507071	75430646	0.00250 0.100	0.00500	0.0100	0.0250	0.0500
DCB Decachlorobiphenyl	Ave	4080716 115275771	6871160	13084050	33154181	60872720	0.00250 0.100	0.00500	0.0100	0.0250	0.0500

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000027.D		
Lims ID:	STD005 1660	Client ID:	
Inject. Date:	15-Apr-2013 05:58:18	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0018824-027		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 ul	ALS Bottle#:	27
Lims Batch ID:	81761	Lims Sample ID:	27
Sublist:	chrom-PCB4*sub5		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m		
Last Update:	15-Apr-2013 13:05:11	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 07:54:26

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.274	1.273	0.001	4701366	0.002969			
2	2	1.682	1.680	0.002	4669525	0.002959			
						RPD = 0.31			
6 PCB-1016									
1	100	1.544	1.542	0.002	1591882	0.0587		100.0	
1	2	1.826	1.824	0.002	2868608	0.0586	156.0- 206.0	180.2	
1	3	2.218	2.216	0.002	4864265	0.0521	312.4- 362.4	305.6	
1	4	2.337	2.336	0.001	2151832	0.0513	118.7- 188.7	135.2	
1	5	2.714	2.714	0.000	2395345	0.0565	125.6- 175.6	150.5	
			Average of Peak Amounts =			0.0554			
2	6	2.144	2.142	0.002	1475191	0.0575		100.0	
2	7	2.539	2.538	0.001	2947929	0.0581	169.6- 229.6	199.8	
2	8	2.989	2.989	0.000	5415404	0.0545	351.4- 411.4	367.1	
2	9	3.128	3.127	0.001	2501936	0.0568	141.3- 201.3	169.6	
2	10	3.232	3.230	0.002	1893431	0.0553	102.5- 162.5	128.4	
			Average of Peak Amounts =			0.0564			
						RPD = 1.83			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									M
1	100	3.912	3.911	0.001	3490760	0.0559		100.0	
1	2	4.199	4.199	0.000	6060581	0.0550	152.2- 202.2	173.6	
1	3	4.480	4.479	0.001	5669938	0.0527	146.4- 196.4	162.4	
1	4	5.180	5.178	0.002	6378035	0.0493	180.7- 230.7	182.7	
1	5	5.465	5.464	0.001	3026100	0.0520	64.1- 114.1	86.7	
			Average of Peak Amounts =			0.0530			
2	6	4.940	4.940	0.000	3842911	0.0559		100.0	
2	7	5.170	5.170	0.000	4442967	0.0557	87.6- 147.6	115.6	
2	8	5.538	5.539	-0.001	6422240	0.0543	144.7- 204.7	167.1	
2	9	6.223	6.224	-0.001	7691959	0.0528	187.7- 247.7	200.2	
2	10	6.605	6.604	0.001	4330449	0.0448	115.0- 175.0	112.7	M
			Average of Peak Amounts =			0.0527			
						RPD = 0.55			
$ 12 DCB Decachlorobiphenyl									
1	100	6.616	6.615	0.001	4080716	0.003056			
2	2	7.839	7.839	0.000	4607768	0.003163			
						RPD = 3.44			

QC Flag Legend

Review Flags
M - Manually Integrated

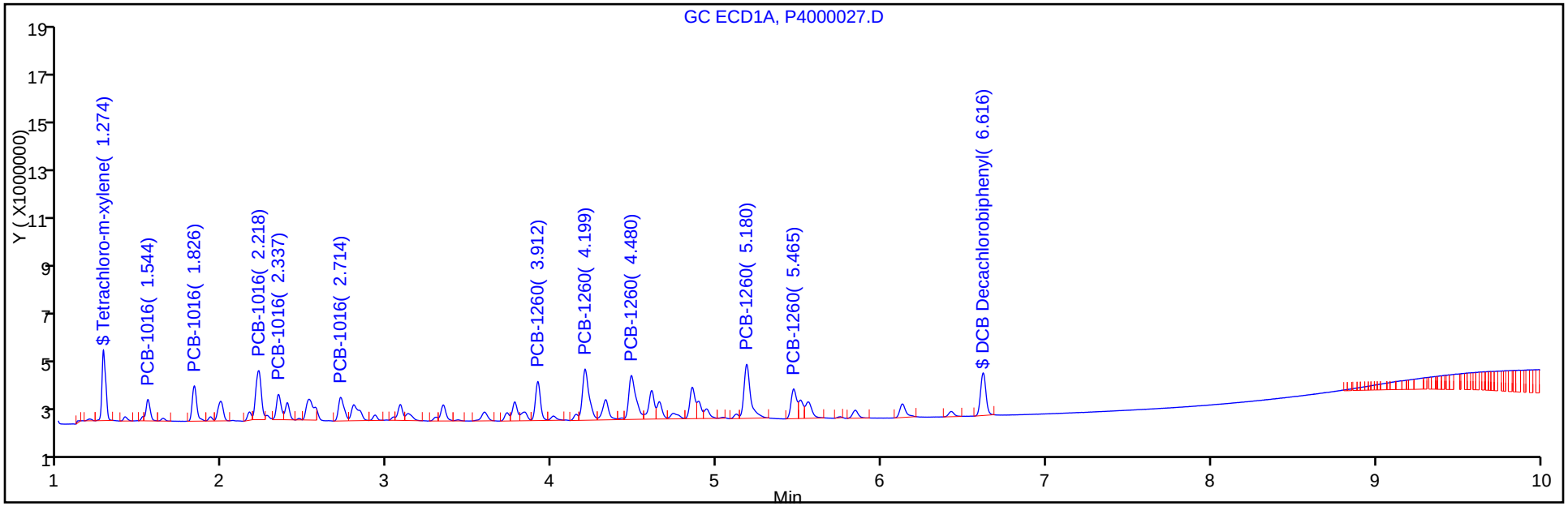
Report Date: 15-Apr-2013 13:05:12 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

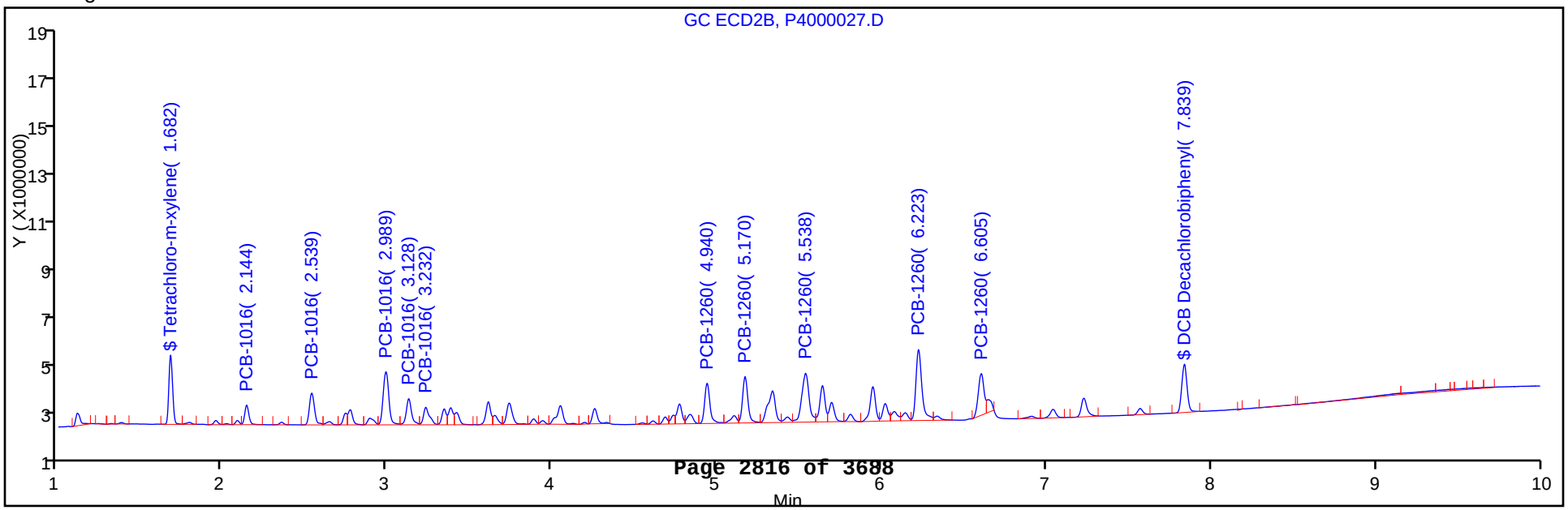
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000027.D

Injection Date:	15-Apr-2013 05:58:18	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	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: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000028.D		
Lims ID:	STD01 1660	Client ID:	
Inject. Date:	15-Apr-2013 06:13:58	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0018824-028		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 ul	ALS Bottle#:	28
Lims Batch ID:	81761	Lims Sample ID:	28
Sublist:	chrom-PCB4*sub5		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m		
Last Update:	15-Apr-2013 13:05:13	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
$ 2 Tetrachloro-m-xylene									
1	44	1.273	1.273	0.000	7917499	0.005000			
2	2	1.680	1.680	0.000	7708908	0.004886			
						RPD = 2.30			
6 PCB-1016									
1	100	1.543	1.542	0.001	2983667	0.1099		100.0	
1	2	1.824	1.824	0.000	5433503	0.1110	156.0- 206.0	182.1	
1	3	2.215	2.216	-0.001	9945659	0.1064	312.4- 362.4	333.3	
1	4	2.336	2.336	0.000	4595862	0.1095	118.7- 188.7	154.0	
1	5	2.714	2.714	0.000	4525845	0.1067	125.6- 175.6	151.7	
			Average of Peak Amounts =			0.1087			
2	6	2.142	2.142	0.000	2815274	0.1098		100.0	
2	7	2.537	2.538	-0.001	5568215	0.1097	169.6- 229.6	197.8	
2	8	2.988	2.989	-0.001	10270214	0.1033	351.4- 411.4	364.8	
2	9	3.127	3.127	0.000	4542149	0.1032	141.3- 201.3	161.3	
2	10	3.230	3.230	0.000	3432777	0.1002	102.5- 162.5	121.9	
			Average of Peak Amounts =			0.1052			
						RPD = 3.26			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.911	3.911	0.000	6615534	0.1060		100.0	
1	2	4.199	4.199	0.000	11670366	0.1060	152.2- 202.2	176.4	
1	3	4.480	4.479	0.001	11246589	0.1045	146.4- 196.4	170.0	
1	4	5.180	5.178	0.002	13350557	0.1032	180.7- 230.7	201.8	
1	5	5.465	5.464	0.001	5785383	0.0993	64.1- 114.1	87.5	
			Average of Peak Amounts =			0.1038			
2	6	4.940	4.940	0.000	7119452	0.1035		100.0	
2	7	5.170	5.170	0.000	8044234	0.1008	87.6- 147.6	113.0	
2	8	5.538	5.539	-0.001	11716900	0.0992	144.7- 204.7	164.6	
2	9	6.224	6.224	0.000	14510168	0.0995	187.7- 247.7	203.8	
2	10	6.606	6.604	0.002	10271915	0.1063	115.0- 175.0	144.3	
			Average of Peak Amounts =			0.1018			
						RPD = 1.90			
$ 12 DCB Decachlorobiphenyl									
1	100	6.616	6.615	0.001	6871160	0.005146			
2	2	7.840	7.839	0.001	7520328	0.005163			
						RPD = 0.33			

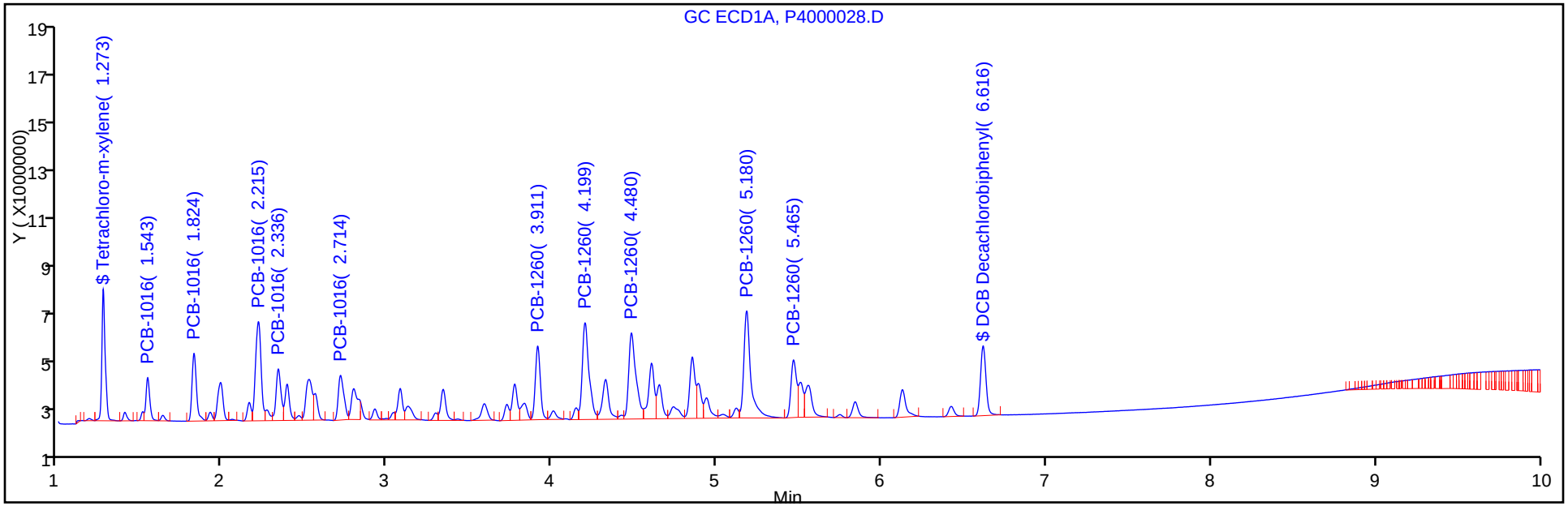
Report Date: 15-Apr-2013 13:05:14 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

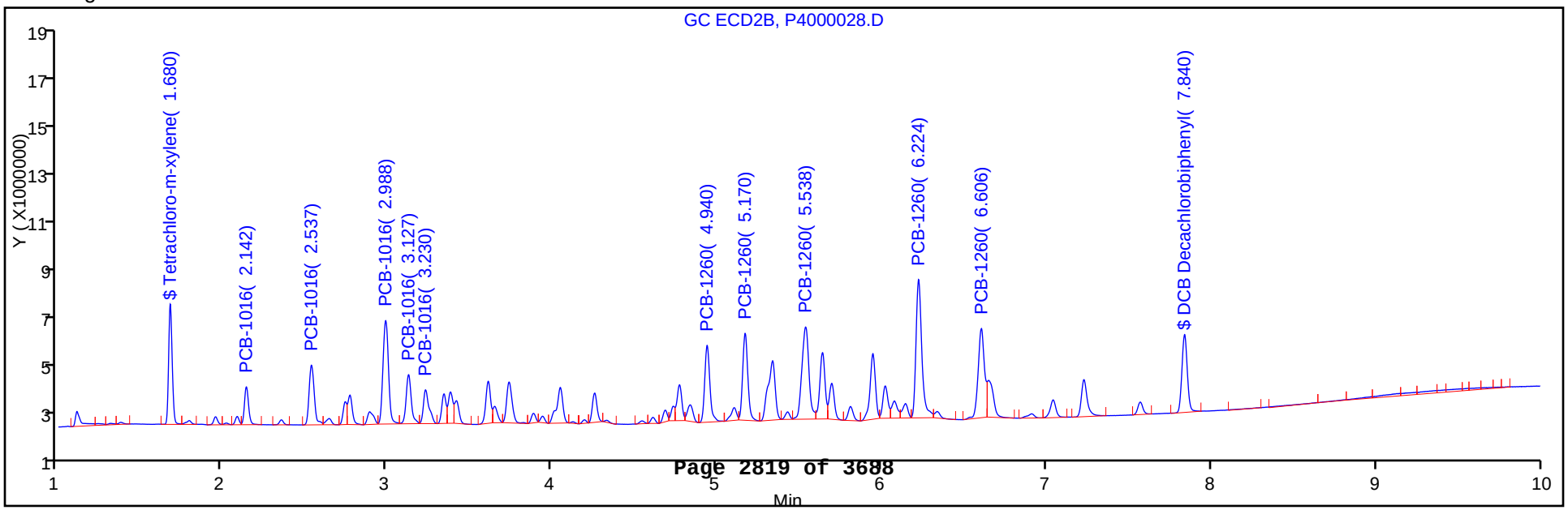
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000028.D

Injection Date:	15-Apr-2013 06:13:58	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	28
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



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000029.D		
Lims ID:	STD02 1660	Client ID:	
Inject. Date:	15-Apr-2013 06:29:38	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	240-0018824-029		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 ul	ALS Bottle#:	29
Lims Batch ID:	81761	Lims Sample ID:	29
Sublist:	chrom-PCB4*sub5		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m		
Last Update:	15-Apr-2013 13:05:14	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 07:54:52

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.273	1.273	0.000	15523707	0.009803			
2	2	1.680	1.680	0.000	15242925	0.009661			
						RPD = 1.46			
6 PCB-1016									
1	100	1.542	1.542	0.000	5514637	0.2032		100.0	
1	2	1.824	1.824	0.000	9982648	0.2039	156.0- 206.0	181.0	
1	3	2.216	2.216	0.000	18604449	0.1991	312.4- 362.4	337.4	
1	4	2.336	2.336	0.000	8478740	0.2021	118.7- 188.7	153.7	
1	5	2.716	2.714	0.002	8307597	0.1959	125.6- 175.6	150.6	
			Average of Peak Amounts =			0.2008			
2	6	2.142	2.142	0.000	5169813	0.2016		100.0	
2	7	2.538	2.538	0.000	10319371	0.2033	169.6- 229.6	199.6	
2	8	2.989	2.989	0.000	19716766	0.1984	351.4- 411.4	381.4	
2	9	3.127	3.127	0.000	8855005	0.2012	141.3- 201.3	171.3	
2	10	3.231	3.230	0.001	6850895	0.2000	102.5- 162.5	132.5	
			Average of Peak Amounts =			0.2009			
						RPD = 0.02			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.911	3.911	0.000	12178388	0.1952		100.0	
1	2	4.199	4.199	0.000	21579410	0.1959	152.2- 202.2	177.2	
1	3	4.481	4.479	0.002	20876275	0.1939	146.4- 196.4	171.4	
1	4	5.180	5.178	0.002	25056847	0.1937	180.7- 230.7	205.7	
1	5	5.465	5.464	0.001	10851656	0.1863	64.1- 114.1	89.1	
			Average of Peak Amounts =			0.1930			
2	6	4.941	4.940	0.001	13065868	0.1899		100.0	
2	7	5.171	5.170	0.001	15359614	0.1924	87.6- 147.6	117.6	
2	8	5.539	5.539	0.000	22819912	0.1931	144.7- 204.7	174.7	
2	9	6.224	6.224	0.000	28442969	0.1951	187.7- 247.7	217.7	
2	10	6.605	6.604	0.001	18939171	0.1959	115.0- 175.0	145.0	
			Average of Peak Amounts =			0.1933			
						RPD = 0.15			
$ 12 DCB Decachlorobiphenyl									
1	100	6.616	6.615	0.001	13084050	0.009799			
2	2	7.838	7.839	-0.001	14188016	0.009740			
						RPD = 0.60			

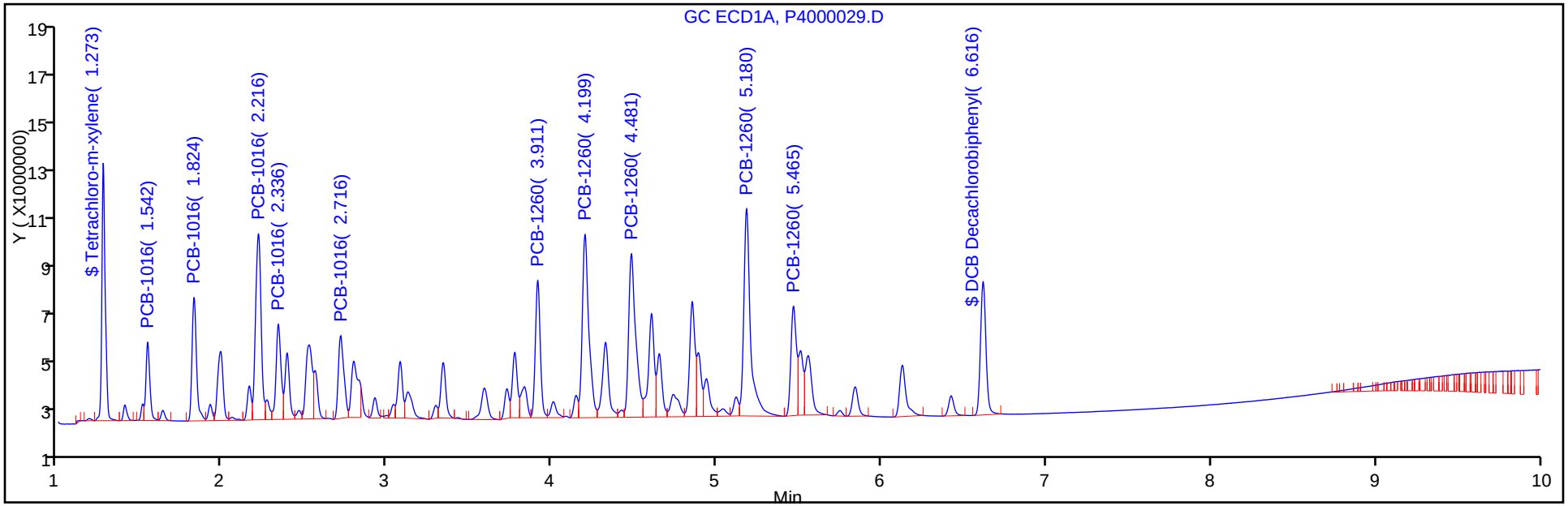
Report Date: 15-Apr-2013 13:05:15 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

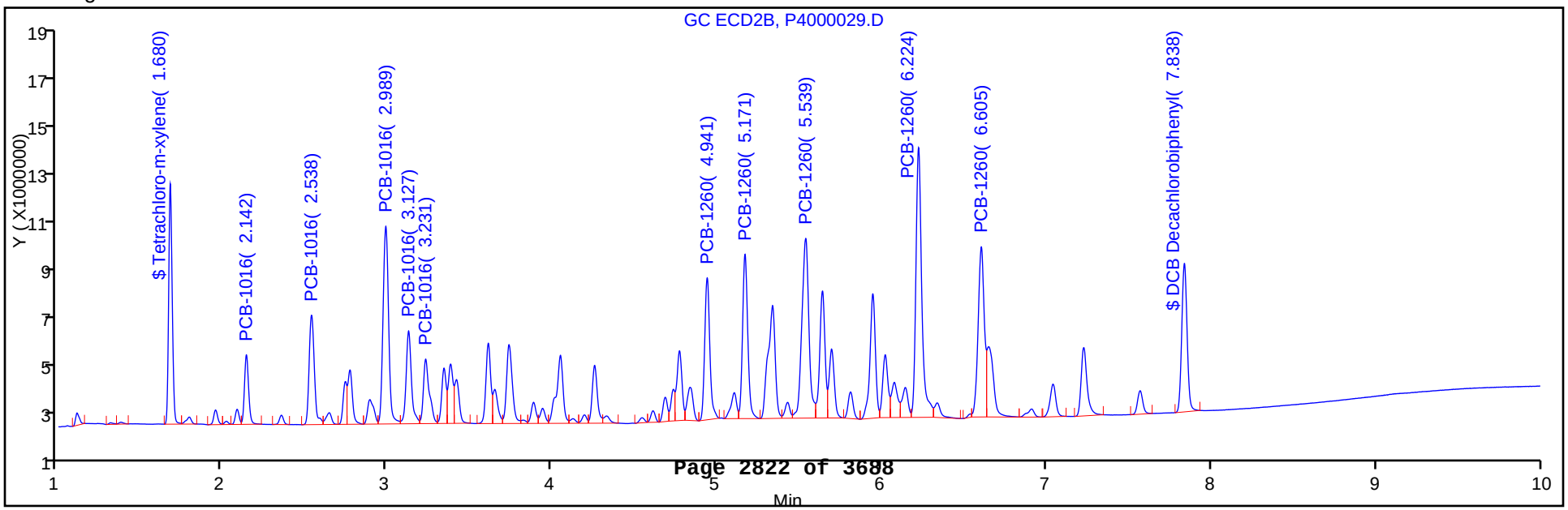
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000029.D

Injection Date:	15-Apr-2013 06:29:38	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	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: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000030.D
Lims ID: STD05 1660 Client ID:
Inject. Date: 15-Apr-2013 06:45:16 Dil. Factor: 1.0000
Sample Type: ICRT Calib Level: 4
Sample ID: 240-0018824-030
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 30
Lims Batch ID: 81761 Lims Sample ID: 30
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:05:16 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
$ 2 Tetrachloro-m-xylene									
1	44	1.273	1.273	0.000	39507071	0.0249			
2	2	1.680	1.680	0.000	39120759	0.0248			
						RPD = 0.62			
6 PCB-1016									
1	100	1.542	1.542	0.000	13291176	0.4898		100.0	
1	2	1.824	1.824	0.000	23992974	0.4900	156.0- 206.0	180.5	
1	3	2.216	2.216	0.000	47157584	0.5047	312.4- 362.4	354.8	
1	4	2.336	2.336	0.000	21284600	0.5072	118.7- 188.7	160.1	
1	5	2.714	2.714	0.000	21015587	0.4957	125.6- 175.6	158.1	
			Average of Peak Amounts =			0.4975			
2	6	2.142	2.142	0.000	12749014	0.4971		100.0	
2	7	2.538	2.538	0.000	25028120	0.4930	169.6- 229.6	196.3	
2	8	2.989	2.989	0.000	50068454	0.5038	351.4- 411.4	392.7	
2	9	3.127	3.127	0.000	21925738	0.4981	141.3- 201.3	172.0	
2	10	3.230	3.230	0.000	17315093	0.5055	102.5- 162.5	135.8	
			Average of Peak Amounts =			0.4995			
						RPD = 0.41			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.911	3.911	0.000	31124624	0.4988		100.0	
1	2	4.199	4.199	0.000	55160362	0.5009	152.2- 202.2	177.2	
1	3	4.479	4.479	0.000	54595602	0.5071	146.4- 196.4	175.4	
1	4	5.178	5.178	0.000	67776563	0.5239	180.7- 230.7	217.8	
1	5	5.464	5.464	0.000	30390497	0.5218	64.1- 114.1	97.6	
			Average of Peak Amounts =			0.5105			
2	6	4.940	4.940	0.000	34904658	0.5074		100.0	
2	7	5.170	5.170	0.000	40649954	0.5092	87.6- 147.6	116.5	
2	8	5.539	5.539	0.000	60632386	0.5131	144.7- 204.7	173.7	
2	9	6.224	6.224	0.000	75347283	0.5168	187.7- 247.7	215.9	
2	10	6.604	6.604	0.000	50809068	0.5256	115.0- 175.0	145.6	
			Average of Peak Amounts =			0.5144			
						RPD = 0.77			
$ 12 DCB Decachlorobiphenyl									
1	100	6.615	6.615	0.000	33154181	0.0248			
2	2	7.839	7.839	0.000	36003048	0.0247			
						RPD = 0.46			

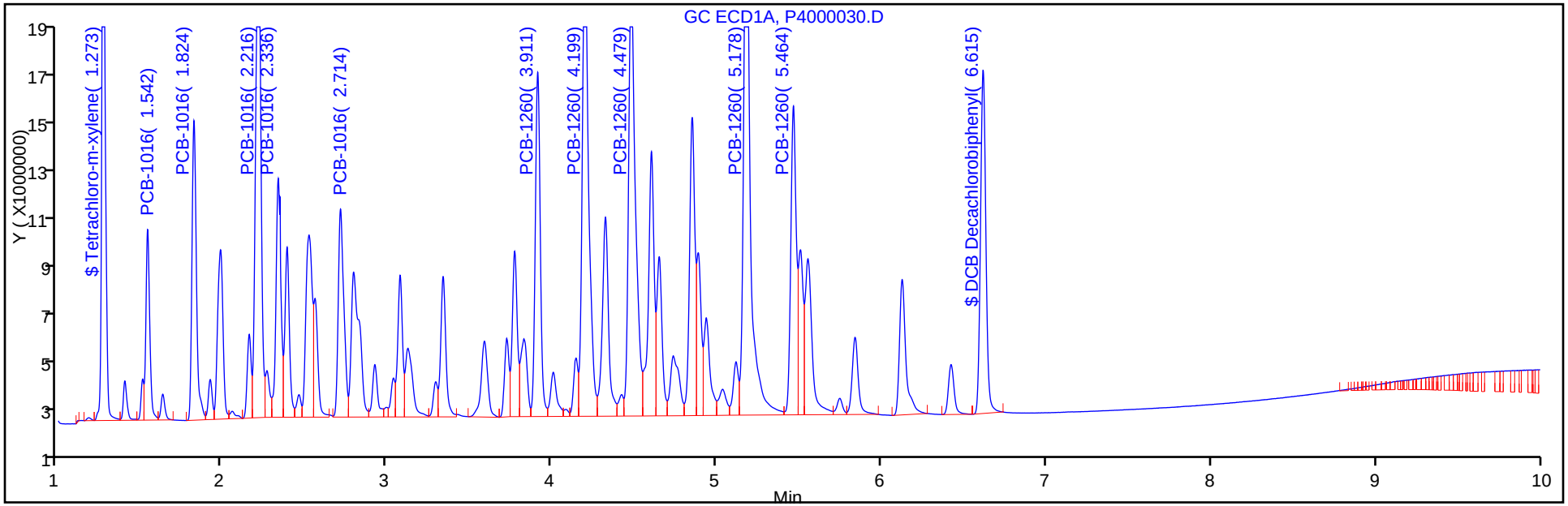
Report Date: 15-Apr-2013 13:05:17 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

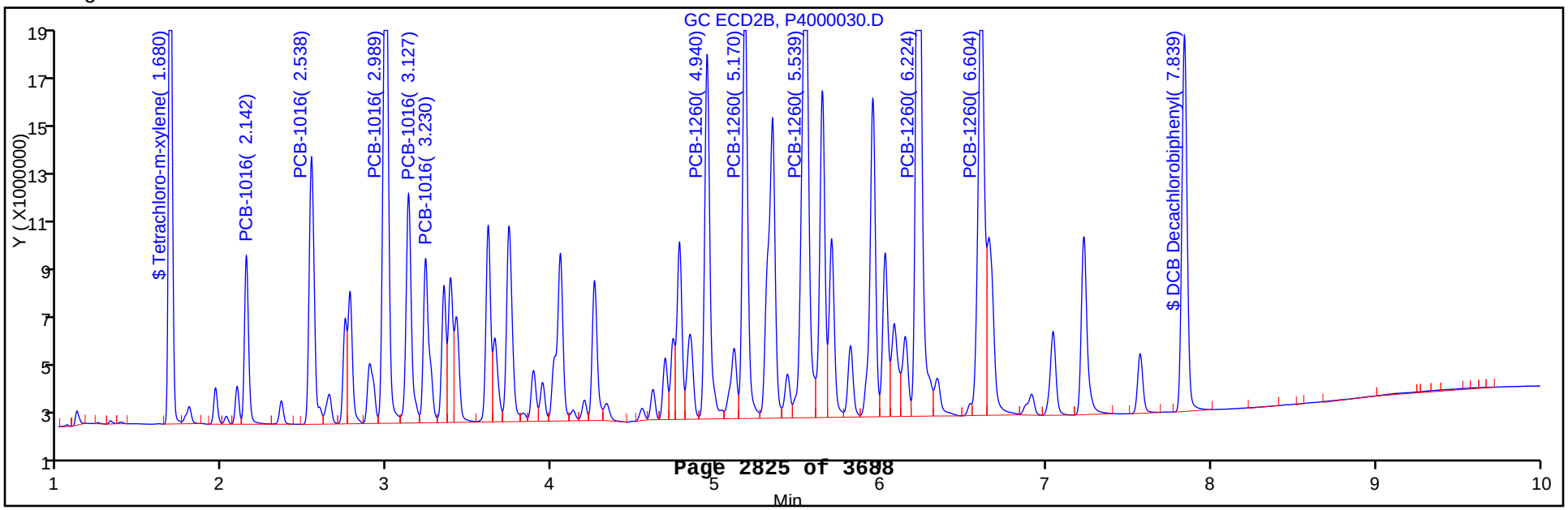
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000030.D

Injection Date:	15-Apr-2013 06:45:16	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	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: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000031.D
Lims ID: STD1 1660 Client ID:
Inject. Date: 15-Apr-2013 07:00:55 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0018824-031
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 31
Lims Batch ID: 81761 Lims Sample ID: 31
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:05:17 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 07:56:47

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.273	1.273	0.000	75430646	0.0476			
2	2	1.680	1.680	0.000	76080813	0.0482			
						RPD = 1.22			
6 PCB-1016									M
1	100	1.542	1.542	0.000	24260203	0.8940		100.0	
1	2	1.824	1.824	0.000	43493540	0.8882	156.0- 206.0	179.3	
1	3	2.216	2.216	0.000	89669755	0.9596	312.4- 362.4	369.6	
1	4	2.336	2.336	0.000	39524466	0.9419	118.7- 188.7	162.9	
1	5	2.714	2.714	0.000	39299859	0.9269	125.6- 175.6	162.0	
			Average of Peak Amounts =			0.9221			
2	6	2.142	2.142	0.000	23215264	0.9051		100.0	
2	7	2.538	2.538	0.000	46013267	0.9063	169.6- 229.6	198.2	M
2	8	2.990	2.989	0.001	95381388	0.9598	351.4- 411.4	410.9	M
2	9	3.127	3.127	0.000	41340948	0.9392	141.3- 201.3	178.1	M
2	10	3.231	3.230	0.001	32939242	0.9617	102.5- 162.5	141.9	M
			Average of Peak Amounts =			0.9344			
						RPD = 1.32			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									M
1	100	3.912	3.911	0.001	58486212	0.9373		100.0	
1	2	4.198	4.199	-0.001	103815872	0.9427	152.2- 202.2	177.5	
1	3	4.478	4.479	-0.001	104066785	0.9665	146.4- 196.4	177.9	
1	4	5.179	5.178	0.001	128178666	0.99	180.7- 230.7	219.2	
1	5	5.464	5.464	0.000	57763115	0.99	64.1- 114.1	98.8	
			Average of Peak Amounts =			0.9658			
2	6	4.941	4.940	0.001	66378031	0.9650		100.0	M
2	7	5.169	5.170	-0.001	76848773	0.9626	87.6- 147.6	115.8	M
2	8	5.538	5.539	-0.001	115078240	0.9738	144.7- 204.7	173.4	M
2	9	6.223	6.224	-0.001	142695180	0.9786	187.7- 247.7	215.0	M
2	10	6.604	6.604	0.000	98045225	1.01	115.0- 175.0	147.7	M
			Average of Peak Amounts =			0.9789			
						RPD = 1.35			
$ 12 DCB Decachlorobiphenyl									
1	100	6.616	6.615	0.001	60872720	0.0456			
2	2	7.838	7.839	-0.001	65480868	0.0450			
						RPD = 1.41			

QC Flag Legend

Review Flags
M - Manually Integrated

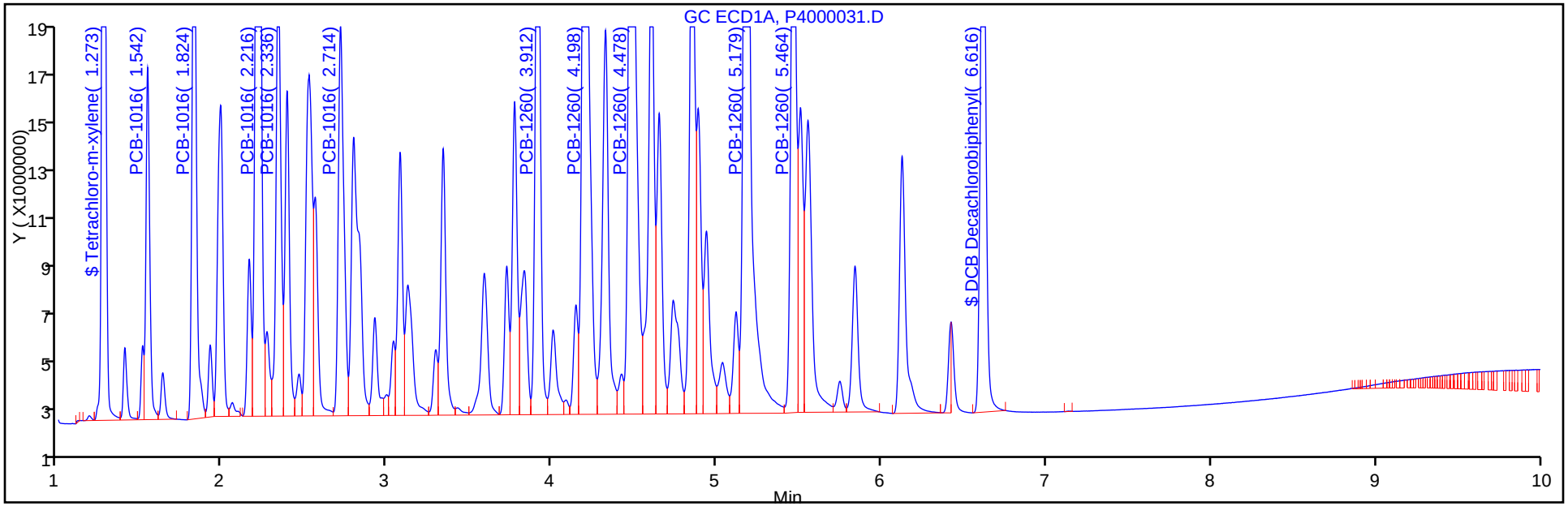
Report Date: 15-Apr-2013 13:05:19 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

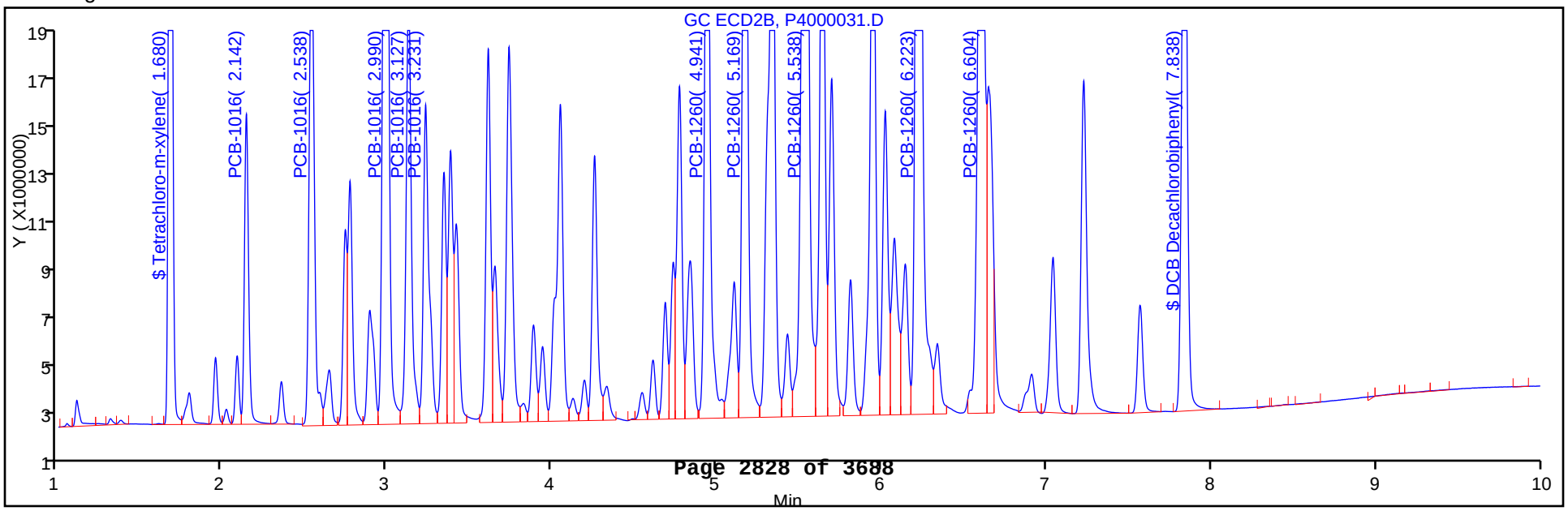
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000031.D

Injection Date:	15-Apr-2013 07:00:55	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	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: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000032.D
Lims ID: STD2 1660 Client ID:
Inject. Date: 15-Apr-2013 07:16:36 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0018824-032
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 32
Lims Batch ID: 81761 Lims Sample ID: 32
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:05:19 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
$ 2 Tetrachloro-m-xylene									
1	44	1.274	1.273	0.001	139633124	0.0882			
2	2	1.680	1.680	0.000	144660958	0.0917			
						RPD = 3.90			
6 PCB-1016									
1	100	1.543	1.542	0.001	45467307	1.68		100.0	
1	2	1.824	1.824	0.000	81405825	1.66	156.0- 206.0	179.0	
1	3	2.215	2.216	-0.001	173782886	1.86	312.4- 362.4	382.2	
1	4	2.335	2.336	-0.001	76582147	1.83	118.7- 188.7	168.4	
1	5	2.714	2.714	0.000	76719668	1.81	125.6- 175.6	168.7	
			Average of Peak Amounts =			1.77			
2	6	2.142	2.142	0.000	43341046	1.69		100.0	
2	7	2.538	2.538	0.000	84639763	1.67	169.6- 229.6	195.3	
2	8	2.989	2.989	0.000	182329208	1.83	351.4- 411.4	420.7	
2	9	3.127	3.127	0.000	78363562	1.78	141.3- 201.3	180.8	
2	10	3.229	3.230	-0.001	62977595	1.84	102.5- 162.5	145.3	
			Average of Peak Amounts =			1.76			
						RPD = 0.25			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.911	3.911	0.000	113608262	1.82		100.0	
1	2	4.198	4.199	-0.001	201639590	1.83	152.2- 202.2	177.5	
1	3	4.478	4.479	-0.001	205014119	1.90	146.4- 196.4	180.5	
1	4	5.177	5.178	-0.001	252349773	1.95	180.7- 230.7	222.1	
1	5	5.463	5.464	-0.001	116579268	2.00	64.1- 114.1	102.6	
			Average of Peak Amounts =			1.90			
2	6	4.940	4.940	0.000	126295696	1.84		100.0	
2	7	5.169	5.170	-0.001	149487757	1.87	87.6- 147.6	118.4	
2	8	5.536	5.539	-0.003	225926327	1.91	144.7- 204.7	178.9	
2	9	6.223	6.224	-0.001	280614663	1.92	187.7- 247.7	222.2	
2	10	6.603	6.604	-0.001	192580448	1.99	115.0- 175.0	152.5	
			Average of Peak Amounts =			1.91			
						RPD = 0.31			
$ 12 DCB Decachlorobiphenyl									
1	100	6.615	6.615	0.000	115275771	0.0863			
2	2	7.838	7.839	-0.001	122400065	0.0840			
						RPD = 2.71			

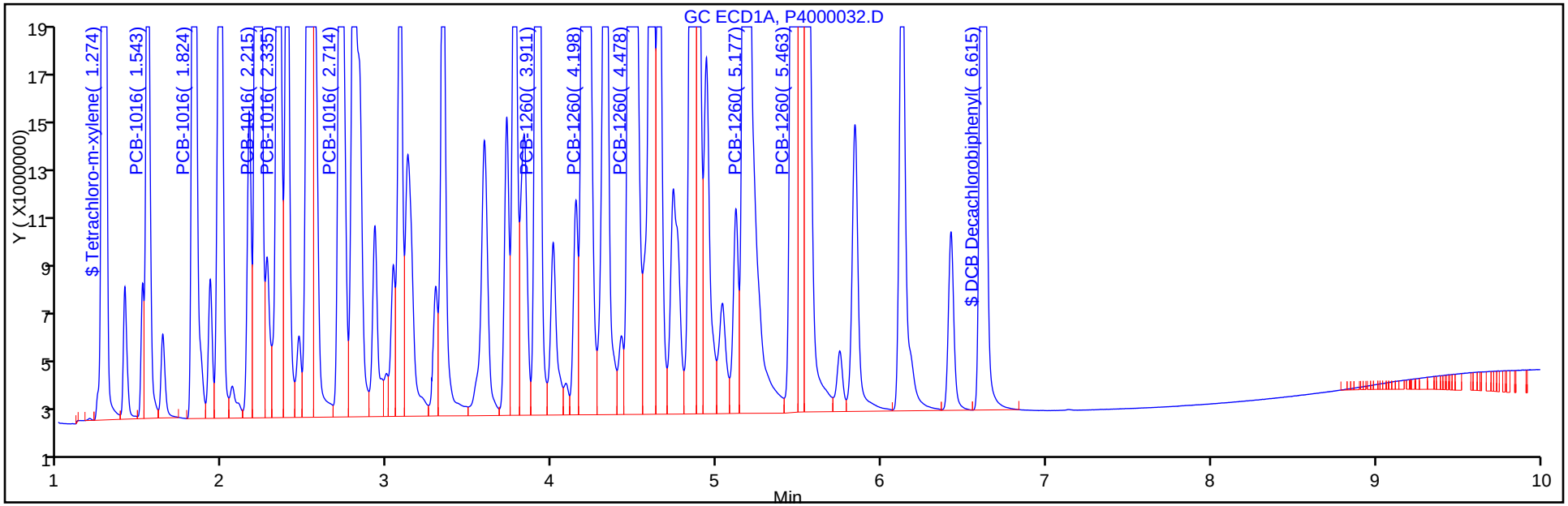
Report Date: 15-Apr-2013 13:05:20 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

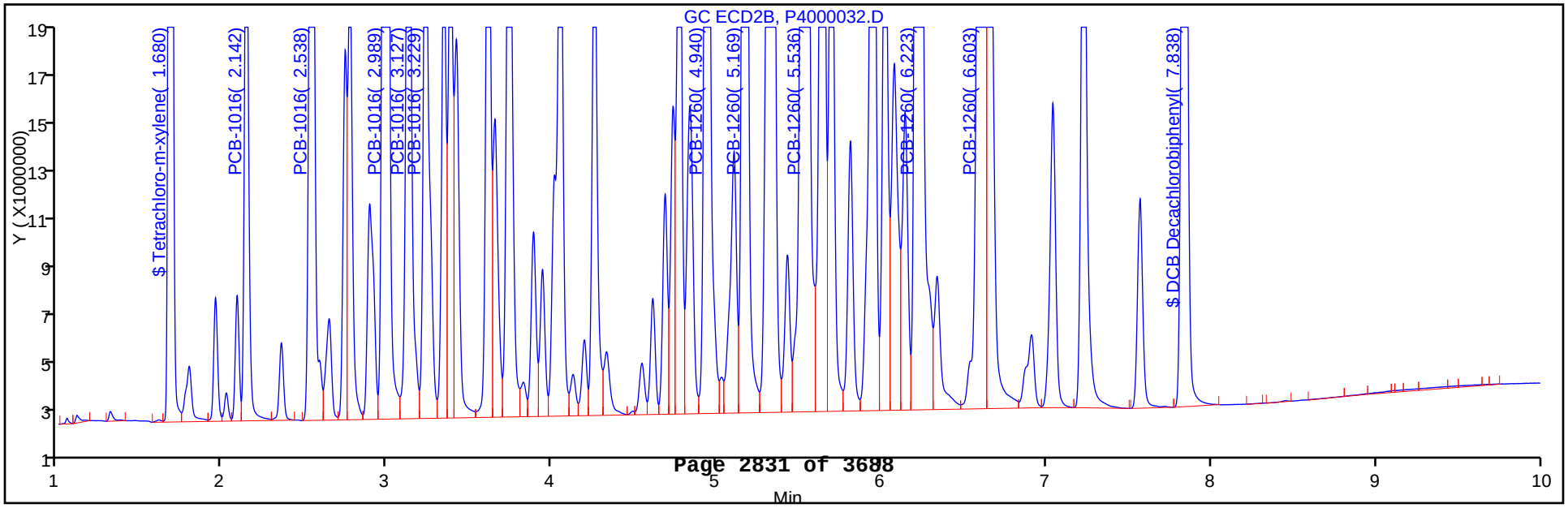
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000032.D

Injection Date:	15-Apr-2013 07:16:36	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	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: Method Defined: Set to Absolute Y Value



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1 Analy Batch No.: 81761

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2013 05:58 Calibration End Date: 04/15/2013 07:16 Calibration ID: 14534

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-81761/27	P4000027.D
Level 2	STD01 240-81761/28	P4000028.D
Level 3	STD02 240-81761/29	P4000029.D
Level 4	STD05 240-81761/30	P4000030.D
Level 5	STD1 240-81761/31	P4000031.D
Level 6	STD2 240-81761/32	P4000032.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1016 Peak 1	2.144	2.142	2.142	2.142	2.142	2.142					2.042 - 2.242	2.142
PCB-1016 Peak 2	2.539	2.537	2.538	2.538	2.538	2.538					2.438 - 2.638	2.538
PCB-1016 Peak 3	2.989	2.988	2.989	2.989	2.990	2.989					2.889 - 3.089	2.989
PCB-1016 Peak 4	3.128	3.127	3.127	3.127	3.127	3.127					3.027 - 3.227	3.127
PCB-1016 Peak 5	3.232	3.230	3.231	3.230	3.231	3.229					3.130 - 3.330	3.231
PCB-1260 Peak 1	4.940	4.940	4.941	4.940	4.941	4.940					4.840 - 5.040	4.940
PCB-1260 Peak 2	5.170	5.170	5.171	5.170	5.169	5.169					5.070 - 5.270	5.170
PCB-1260 Peak 3	5.538	5.538	5.539	5.539	5.538	5.536					5.439 - 5.639	5.538
PCB-1260 Peak 4	6.223	6.224	6.224	6.224	6.223	6.223					6.124 - 6.324	6.224
PCB-1260 Peak 5	6.605	6.606	6.605	6.604	6.604	6.603					6.504 - 6.704	6.605
Tetrachloro-m-xylene	1.682	1.680	1.680	1.680	1.680	1.680					1.580 - 1.780	1.680
DCB Decachlorobiphenyl	7.839	7.840	7.838	7.839	7.838	7.838					7.739 - 7.939	7.839

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-22804-1 Analy Batch No.: 81761

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2013 05:58 Calibration End Date: 04/15/2013 07:16 Calibration ID: 14534

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-81761/27	P4000027.D
Level 2	STD01 240-81761/28	P4000028.D
Level 3	STD02 240-81761/29	P4000029.D
Level 4	STD05 240-81761/30	P4000030.D
Level 5	STD1 240-81761/31	P4000031.D
Level 6	STD2 240-81761/32	P4000032.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								
PCB-1016 Peak 1	29503820 23215264	28152740 21670523	25849065	25498028	Ave		25648240.0				11.0		20.0			
PCB-1016 Peak 2	58958580 46013267	55682150 42319882	51596855	50056240	Ave		50771162.3				12.0		20.0			
PCB-1016 Peak 3	108308080 95381388	102702140 91164604	98583830	100136908	Ave		99379491.7				6.0		20.0			
PCB-1016 Peak 4	50038720 41340948	45421490 39181781	44275025	43851476	Ave		44018240.0				8.4		20.0			
PCB-1016 Peak 5	37868620 32939242	34327770 31488798	34254475	34630186	Ave		34251515.1				6.2		20.0			
PCB-1260 Peak 1	76858220 66378031	71194520 63147848	65329340	69809316	Ave		68786212.5				7.2		20.0			
PCB-1260 Peak 2	88859340 76848773	80442340 74743879	76798070	81299908	Ave		79832051.6				6.3		20.0			
PCB-1260 Peak 3	128444800 115078240	117169000 112963164	114099560	121264772	Ave		118169923				4.9		20.0			
PCB-1260 Peak 4	153839180 142695180	145101680 140307332	142214845	150694566	Ave		145808797				3.7		20.0			
PCB-1260 Peak 5	86608980 98045225	102719150 96290224	94695855	101618136	Ave		96662928.3				6.0		20.0			
Tetrachloro-m-xylene	1867810000 1521616260	1541781600 1446609580	1524292500	1564830360	Ave		1577823383				9.3		20.0			
DCB Decachlorobiphenyl	1843107200 1309617360	1504065600 1224000650	1418801600	1440121920	Ave		1456619055				15.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-22804-1 Analy Batch No.: 81761

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2013 05:58 Calibration End Date: 04/15/2013 07:16 Calibration ID: 14534

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-81761/27	P4000027.D
Level 2	STD01 240-81761/28	P4000028.D
Level 3	STD02 240-81761/29	P4000029.D
Level 4	STD05 240-81761/30	P4000030.D
Level 5	STD1 240-81761/31	P4000031.D
Level 6	STD2 240-81761/32	P4000032.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	1475191 43341046	2815274	5169813	12749014	23215264	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 2	Ave	2947929 84639763	5568215	10319371	25028120	46013267	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 3	Ave	5415404 182329208	10270214	19716766	50068454	95381388	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 4	Ave	2501936 78363562	4542149	8855005	21925738	41340948	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 5	Ave	1893431 62977595	3432777	6850895	17315093	32939242	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 1	Ave	3842911 126295696	7119452	13065868	34904658	66378031	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 2	Ave	4442967 149487757	8044234	15359614	40649954	76848773	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 3	Ave	6422240 225926327	11716900	22819912	60632386	115078240	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 4	Ave	7691959 280614663	14510168	28442969	75347283	142695180	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 5	Ave	4330449 192580448	10271915	18939171	50809068	98045225	0.0500 2.00	0.100	0.200	0.500	1.00
Tetrachloro-m-xylene	Ave	4669525 144660958	7708908	15242925	39120759	76080813	0.00250 0.100	0.00500	0.0100	0.0250	0.0500
DCB Decachlorobiphenyl	Ave	4607768 122400065	7520328	14188016	36003048	65480868	0.00250 0.100	0.00500	0.0100	0.0250	0.0500

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000027.D		
Lims ID:	STD005 1660	Client ID:	
Inject. Date:	15-Apr-2013 05:58:18	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0018824-027		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 ul	ALS Bottle#:	27
Lims Batch ID:	81761	Lims Sample ID:	27
Sublist:	chrom-PCB4*sub5		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m		
Last Update:	15-Apr-2013 13:05:11	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 07:54:26

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.274	1.273	0.001	4701366	0.002969			
2	2	1.682	1.680	0.002	4669525	0.002959			
						RPD = 0.31			
6 PCB-1016									
1	100	1.544	1.542	0.002	1591882	0.0587		100.0	
1	2	1.826	1.824	0.002	2868608	0.0586	156.0- 206.0	180.2	
1	3	2.218	2.216	0.002	4864265	0.0521	312.4- 362.4	305.6	
1	4	2.337	2.336	0.001	2151832	0.0513	118.7- 188.7	135.2	
1	5	2.714	2.714	0.000	2395345	0.0565	125.6- 175.6	150.5	
			Average of Peak Amounts =			0.0554			
2	6	2.144	2.142	0.002	1475191	0.0575		100.0	
2	7	2.539	2.538	0.001	2947929	0.0581	169.6- 229.6	199.8	
2	8	2.989	2.989	0.000	5415404	0.0545	351.4- 411.4	367.1	
2	9	3.128	3.127	0.001	2501936	0.0568	141.3- 201.3	169.6	
2	10	3.232	3.230	0.002	1893431	0.0553	102.5- 162.5	128.4	
			Average of Peak Amounts =			0.0564			
						RPD = 1.83			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									M
1	100	3.912	3.911	0.001	3490760	0.0559		100.0	
1	2	4.199	4.199	0.000	6060581	0.0550	152.2- 202.2	173.6	
1	3	4.480	4.479	0.001	5669938	0.0527	146.4- 196.4	162.4	
1	4	5.180	5.178	0.002	6378035	0.0493	180.7- 230.7	182.7	
1	5	5.465	5.464	0.001	3026100	0.0520	64.1- 114.1	86.7	
			Average of Peak Amounts =			0.0530			
2	6	4.940	4.940	0.000	3842911	0.0559		100.0	
2	7	5.170	5.170	0.000	4442967	0.0557	87.6- 147.6	115.6	
2	8	5.538	5.539	-0.001	6422240	0.0543	144.7- 204.7	167.1	
2	9	6.223	6.224	-0.001	7691959	0.0528	187.7- 247.7	200.2	
2	10	6.605	6.604	0.001	4330449	0.0448	115.0- 175.0	112.7	M
			Average of Peak Amounts =			0.0527			
						RPD = 0.55			
$ 12 DCB Decachlorobiphenyl									
1	100	6.616	6.615	0.001	4080716	0.003056			
2	2	7.839	7.839	0.000	4607768	0.003163			
						RPD = 3.44			

QC Flag Legend

Review Flags
M - Manually Integrated

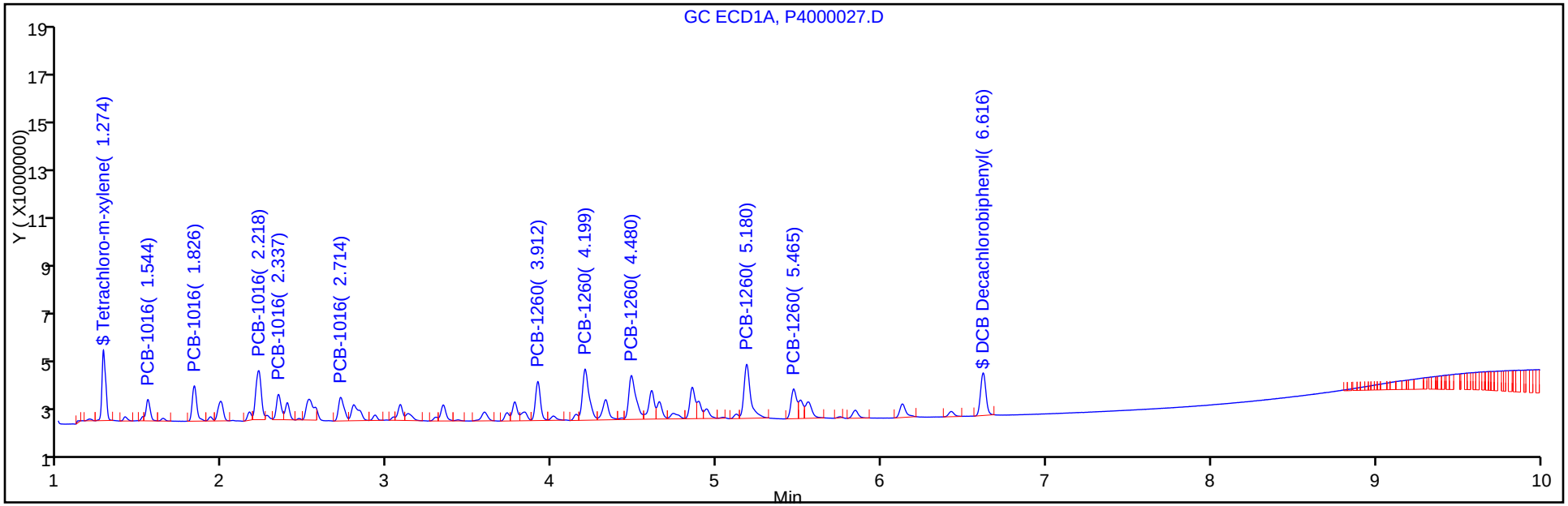
Report Date: 15-Apr-2013 13:05:12 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

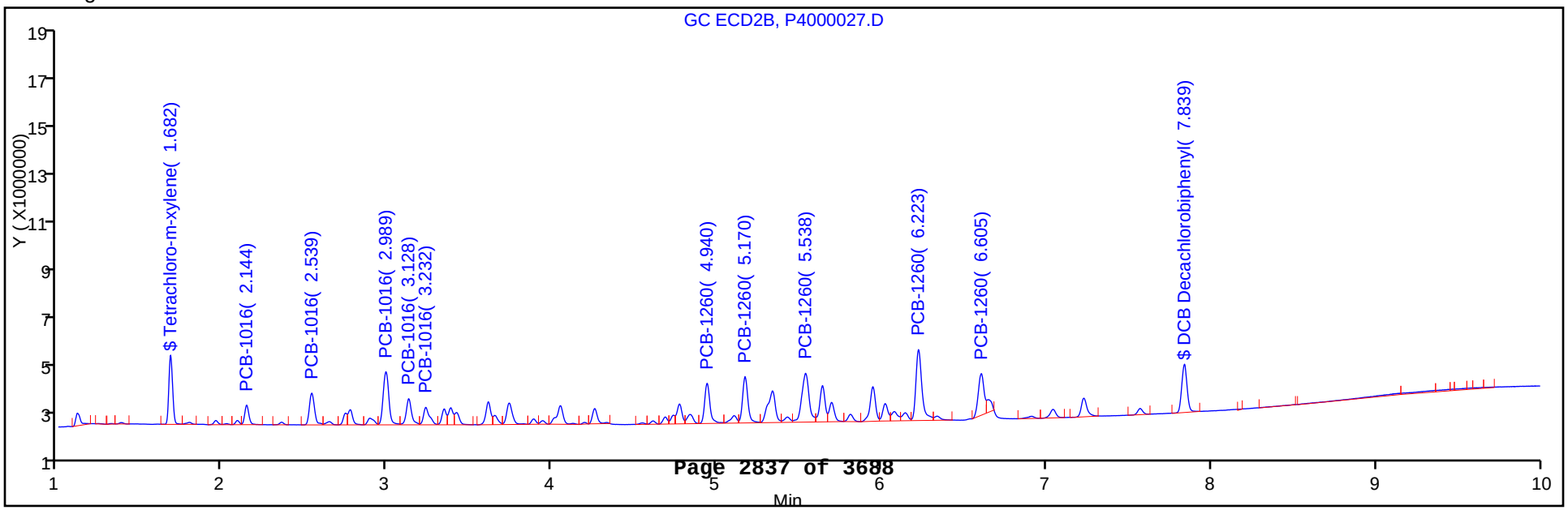
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000027.D

Injection Date:	15-Apr-2013 05:58:18	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	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: Method Defined: Set to Absolute Y Value



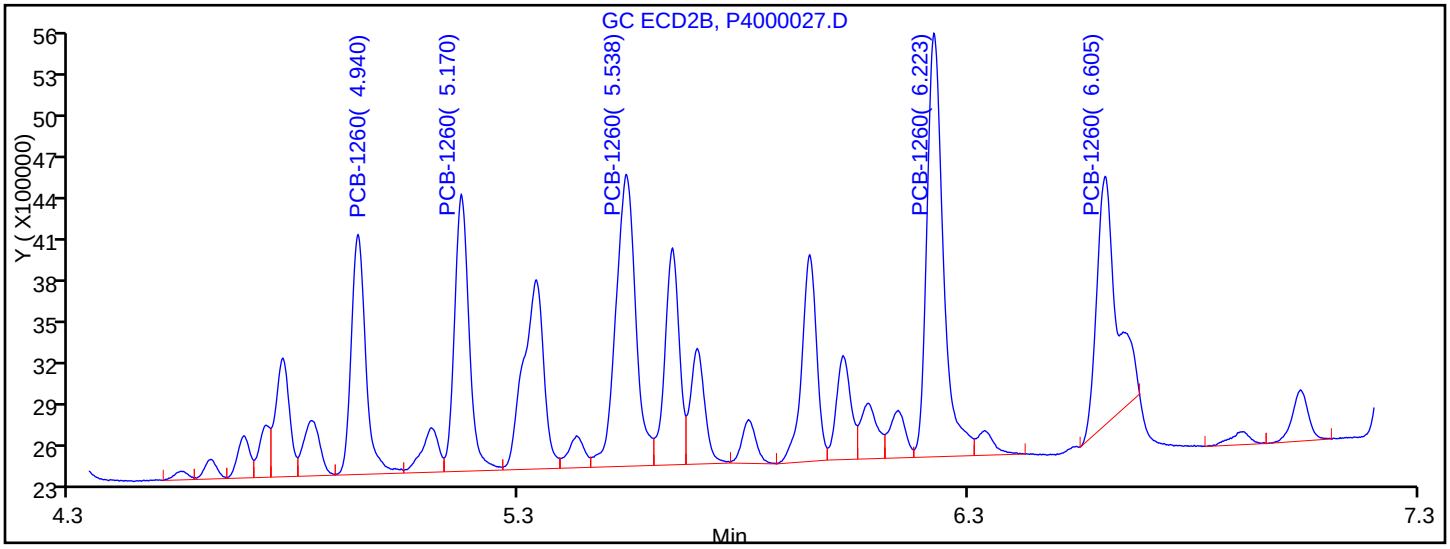
Report Date: 15-Apr-2013 13:05:12 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000027.D

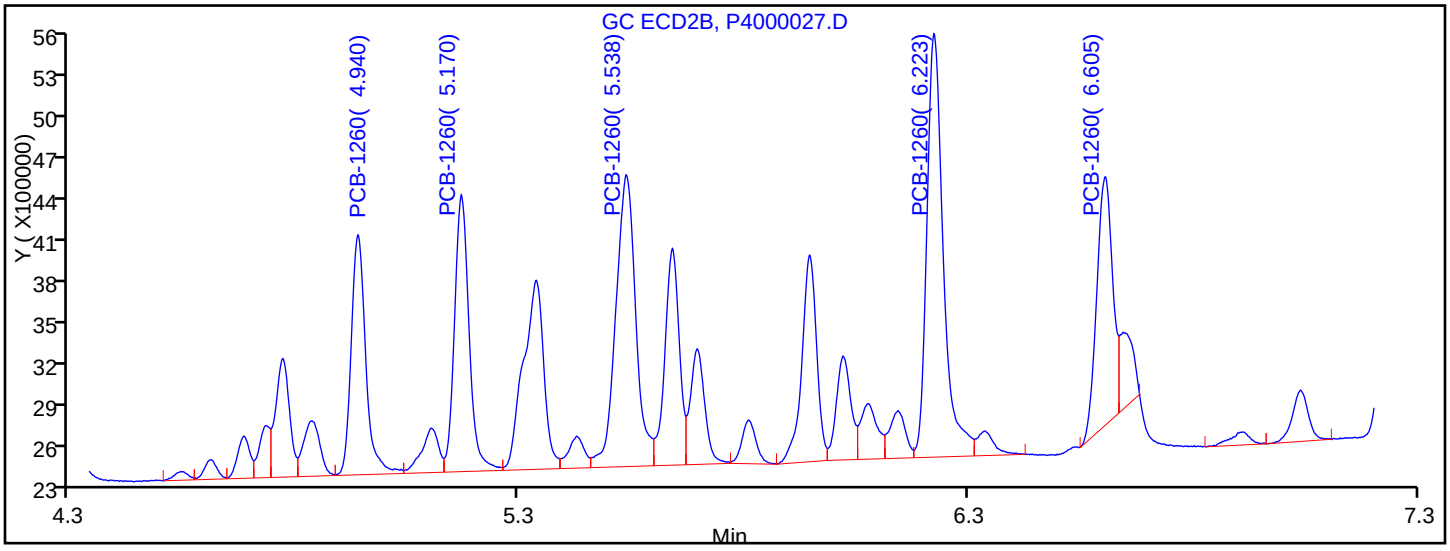
Injection Date:	15-Apr-2013 05:58:18	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	27
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

10 PCB-1260, Detector: 2, GC ecd2b



Processing Integration Results

RT = 4.940	Response = 3842911	
RT = 5.170	Response = 4442967	
RT = 5.538	Response = 6422240	
RT = 6.223	Response = 7691959	
RT = 6.605	Response = 5419116	M



Manual Integration Results

RT = 4.940	Response = 3842911	
RT = 5.170	Response = 4442967	
RT = 5.538	Response = 6422240	
RT = 6.223	Response = 7691959	
RT = 6.605	Response = 4330449	M

Reviewer: hassl, 15-Apr-2013 07:54:26

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000028.D		
Lims ID:	STD01 1660	Client ID:	
Inject. Date:	15-Apr-2013 06:13:58	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0018824-028		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 ul	ALS Bottle#:	28
Lims Batch ID:	81761	Lims Sample ID:	28
Sublist:	chrom-PCB4*sub5		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m		
Last Update:	15-Apr-2013 13:05:13	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
$ 2 Tetrachloro-m-xylene									
1	44	1.273	1.273	0.000	7917499	0.005000			
2	2	1.680	1.680	0.000	7708908	0.004886			
						RPD = 2.30			
6 PCB-1016									
1	100	1.543	1.542	0.001	2983667	0.1099		100.0	
1	2	1.824	1.824	0.000	5433503	0.1110	156.0- 206.0	182.1	
1	3	2.215	2.216	-0.001	9945659	0.1064	312.4- 362.4	333.3	
1	4	2.336	2.336	0.000	4595862	0.1095	118.7- 188.7	154.0	
1	5	2.714	2.714	0.000	4525845	0.1067	125.6- 175.6	151.7	
			Average of Peak Amounts =			0.1087			
2	6	2.142	2.142	0.000	2815274	0.1098		100.0	
2	7	2.537	2.538	-0.001	5568215	0.1097	169.6- 229.6	197.8	
2	8	2.988	2.989	-0.001	10270214	0.1033	351.4- 411.4	364.8	
2	9	3.127	3.127	0.000	4542149	0.1032	141.3- 201.3	161.3	
2	10	3.230	3.230	0.000	3432777	0.1002	102.5- 162.5	121.9	
			Average of Peak Amounts =			0.1052			
						RPD = 3.26			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.911	3.911	0.000	6615534	0.1060		100.0	
1	2	4.199	4.199	0.000	11670366	0.1060	152.2- 202.2	176.4	
1	3	4.480	4.479	0.001	11246589	0.1045	146.4- 196.4	170.0	
1	4	5.180	5.178	0.002	13350557	0.1032	180.7- 230.7	201.8	
1	5	5.465	5.464	0.001	5785383	0.0993	64.1- 114.1	87.5	
			Average of Peak Amounts =			0.1038			
2	6	4.940	4.940	0.000	7119452	0.1035		100.0	
2	7	5.170	5.170	0.000	8044234	0.1008	87.6- 147.6	113.0	
2	8	5.538	5.539	-0.001	11716900	0.0992	144.7- 204.7	164.6	
2	9	6.224	6.224	0.000	14510168	0.0995	187.7- 247.7	203.8	
2	10	6.606	6.604	0.002	10271915	0.1063	115.0- 175.0	144.3	
			Average of Peak Amounts =			0.1018			
						RPD = 1.90			
$ 12 DCB Decachlorobiphenyl									
1	100	6.616	6.615	0.001	6871160	0.005146			
2	2	7.840	7.839	0.001	7520328	0.005163			
						RPD = 0.33			

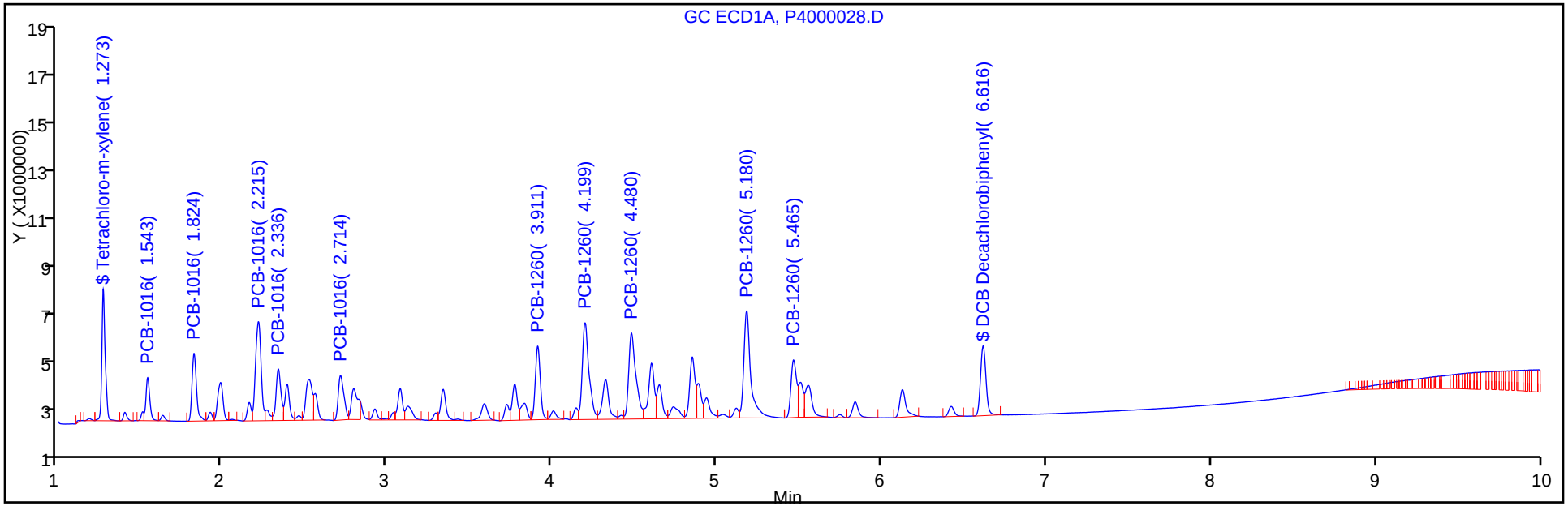
Report Date: 15-Apr-2013 13:05:14 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

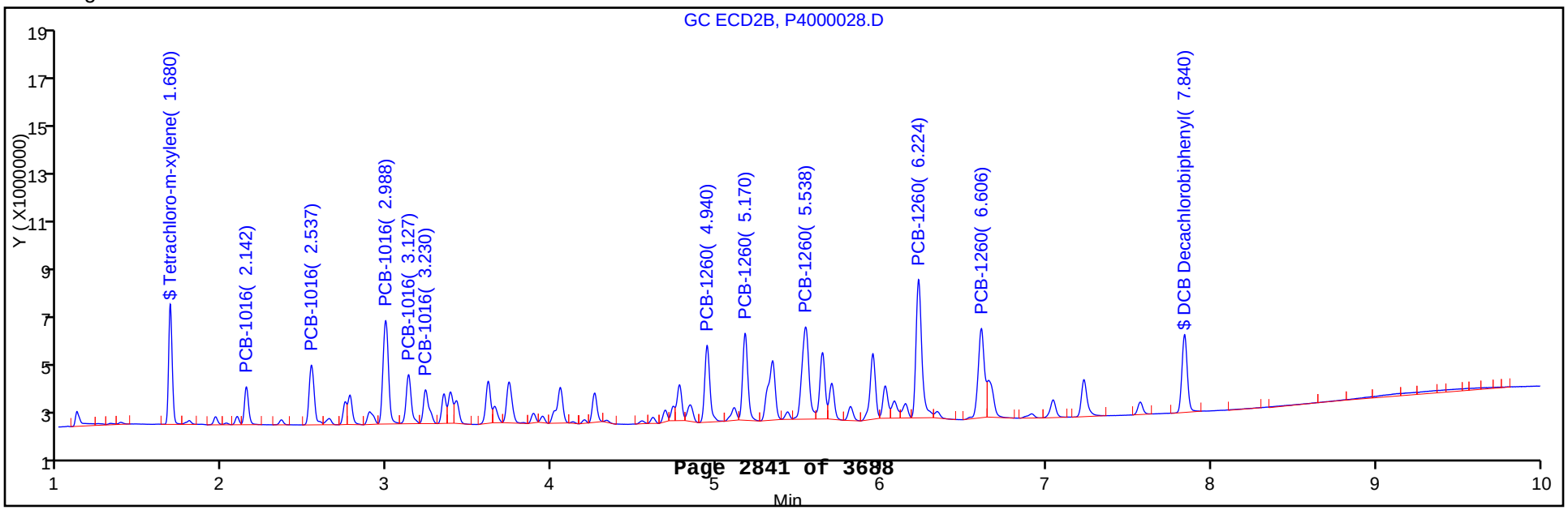
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000028.D

Injection Date:	15-Apr-2013 06:13:58	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	28
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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000029.D
Lims ID: STD02 1660 Client ID:
Inject. Date: 15-Apr-2013 06:29:38 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0018824-029
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 29
Lims Batch ID: 81761 Lims Sample ID: 29
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:05:14 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 07:54:52

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.273	1.273	0.000	15523707	0.009803			
2	2	1.680	1.680	0.000	15242925	0.009661			
						RPD = 1.46			
6 PCB-1016									
1	100	1.542	1.542	0.000	5514637	0.2032		100.0	
1	2	1.824	1.824	0.000	9982648	0.2039	156.0- 206.0	181.0	
1	3	2.216	2.216	0.000	18604449	0.1991	312.4- 362.4	337.4	
1	4	2.336	2.336	0.000	8478740	0.2021	118.7- 188.7	153.7	
1	5	2.716	2.714	0.002	8307597	0.1959	125.6- 175.6	150.6	
			Average of Peak Amounts =			0.2008			
2	6	2.142	2.142	0.000	5169813	0.2016		100.0	
2	7	2.538	2.538	0.000	10319371	0.2033	169.6- 229.6	199.6	
2	8	2.989	2.989	0.000	19716766	0.1984	351.4- 411.4	381.4	
2	9	3.127	3.127	0.000	8855005	0.2012	141.3- 201.3	171.3	
2	10	3.231	3.230	0.001	6850895	0.2000	102.5- 162.5	132.5	
			Average of Peak Amounts =			0.2009			
						RPD = 0.02			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.911	3.911	0.000	12178388	0.1952		100.0	
1	2	4.199	4.199	0.000	21579410	0.1959	152.2- 202.2	177.2	
1	3	4.481	4.479	0.002	20876275	0.1939	146.4- 196.4	171.4	
1	4	5.180	5.178	0.002	25056847	0.1937	180.7- 230.7	205.7	
1	5	5.465	5.464	0.001	10851656	0.1863	64.1- 114.1	89.1	
			Average of Peak Amounts =			0.1930			
2	6	4.941	4.940	0.001	13065868	0.1899		100.0	
2	7	5.171	5.170	0.001	15359614	0.1924	87.6- 147.6	117.6	
2	8	5.539	5.539	0.000	22819912	0.1931	144.7- 204.7	174.7	
2	9	6.224	6.224	0.000	28442969	0.1951	187.7- 247.7	217.7	
2	10	6.605	6.604	0.001	18939171	0.1959	115.0- 175.0	145.0	
			Average of Peak Amounts =			0.1933			
						RPD = 0.15			
$ 12 DCB Decachlorobiphenyl									
1	100	6.616	6.615	0.001	13084050	0.009799			
2	2	7.838	7.839	-0.001	14188016	0.009740			
						RPD = 0.60			

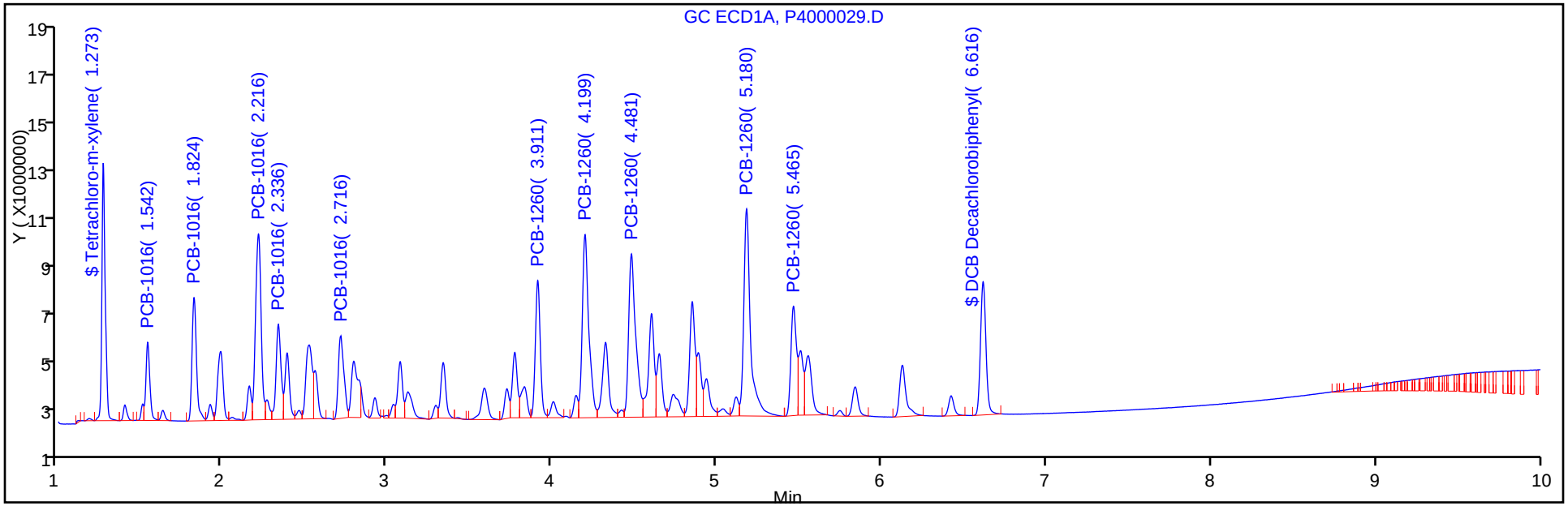
Report Date: 15-Apr-2013 13:05:16 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

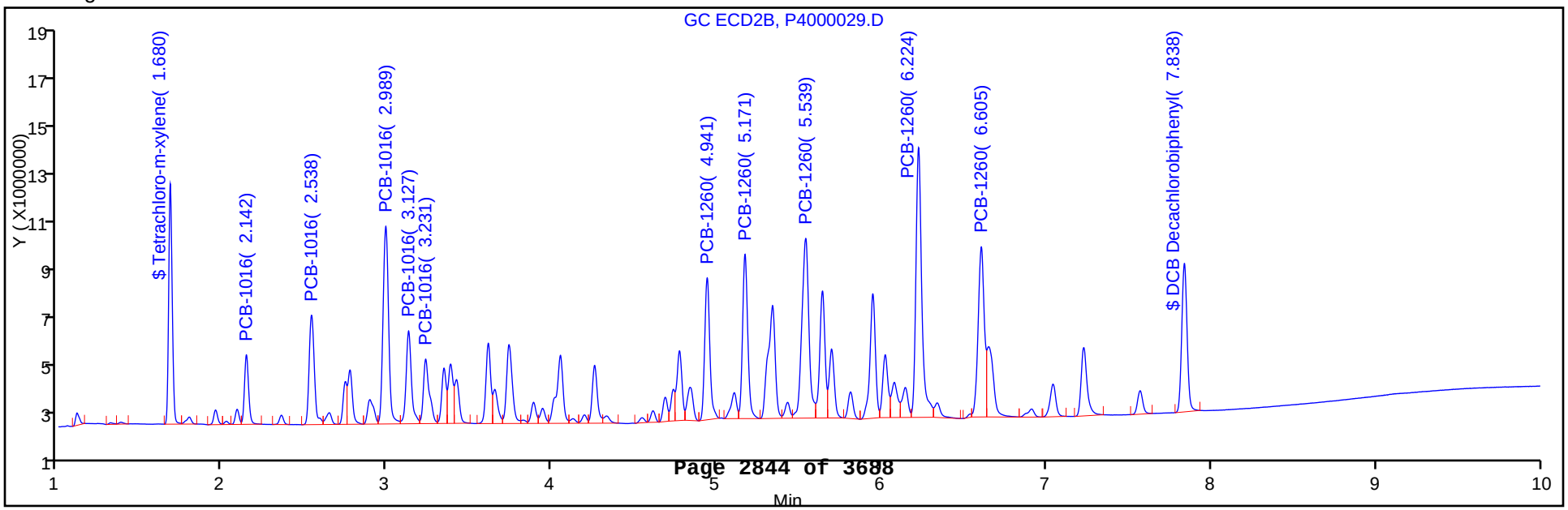
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000029.D

Injection Date:	15-Apr-2013 06:29:38	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	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: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000030.D
Lims ID: STD05 1660 Client ID:
Inject. Date: 15-Apr-2013 06:45:16 Dil. Factor: 1.0000
Sample Type: ICRT Calib Level: 4
Sample ID: 240-0018824-030
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 30
Lims Batch ID: 81761 Lims Sample ID: 30
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:05:16 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
$ 2 Tetrachloro-m-xylene									
1	44	1.273	1.273	0.000	39507071	0.0249			
2	2	1.680	1.680	0.000	39120759	0.0248			
						RPD = 0.62			
6 PCB-1016									
1	100	1.542	1.542	0.000	13291176	0.4898		100.0	
1	2	1.824	1.824	0.000	23992974	0.4900	156.0- 206.0	180.5	
1	3	2.216	2.216	0.000	47157584	0.5047	312.4- 362.4	354.8	
1	4	2.336	2.336	0.000	21284600	0.5072	118.7- 188.7	160.1	
1	5	2.714	2.714	0.000	21015587	0.4957	125.6- 175.6	158.1	
			Average of Peak Amounts =			0.4975			
2	6	2.142	2.142	0.000	12749014	0.4971		100.0	
2	7	2.538	2.538	0.000	25028120	0.4930	169.6- 229.6	196.3	
2	8	2.989	2.989	0.000	50068454	0.5038	351.4- 411.4	392.7	
2	9	3.127	3.127	0.000	21925738	0.4981	141.3- 201.3	172.0	
2	10	3.230	3.230	0.000	17315093	0.5055	102.5- 162.5	135.8	
			Average of Peak Amounts =			0.4995			
						RPD = 0.41			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.911	3.911	0.000	31124624	0.4988		100.0	
1	2	4.199	4.199	0.000	55160362	0.5009	152.2- 202.2	177.2	
1	3	4.479	4.479	0.000	54595602	0.5071	146.4- 196.4	175.4	
1	4	5.178	5.178	0.000	67776563	0.5239	180.7- 230.7	217.8	
1	5	5.464	5.464	0.000	30390497	0.5218	64.1- 114.1	97.6	
			Average of Peak Amounts =			0.5105			
2	6	4.940	4.940	0.000	34904658	0.5074		100.0	
2	7	5.170	5.170	0.000	40649954	0.5092	87.6- 147.6	116.5	
2	8	5.539	5.539	0.000	60632386	0.5131	144.7- 204.7	173.7	
2	9	6.224	6.224	0.000	75347283	0.5168	187.7- 247.7	215.9	
2	10	6.604	6.604	0.000	50809068	0.5256	115.0- 175.0	145.6	
			Average of Peak Amounts =			0.5144			
						RPD = 0.77			
$ 12 DCB Decachlorobiphenyl									
1	100	6.615	6.615	0.000	33154181	0.0248			
2	2	7.839	7.839	0.000	36003048	0.0247			
						RPD = 0.46			

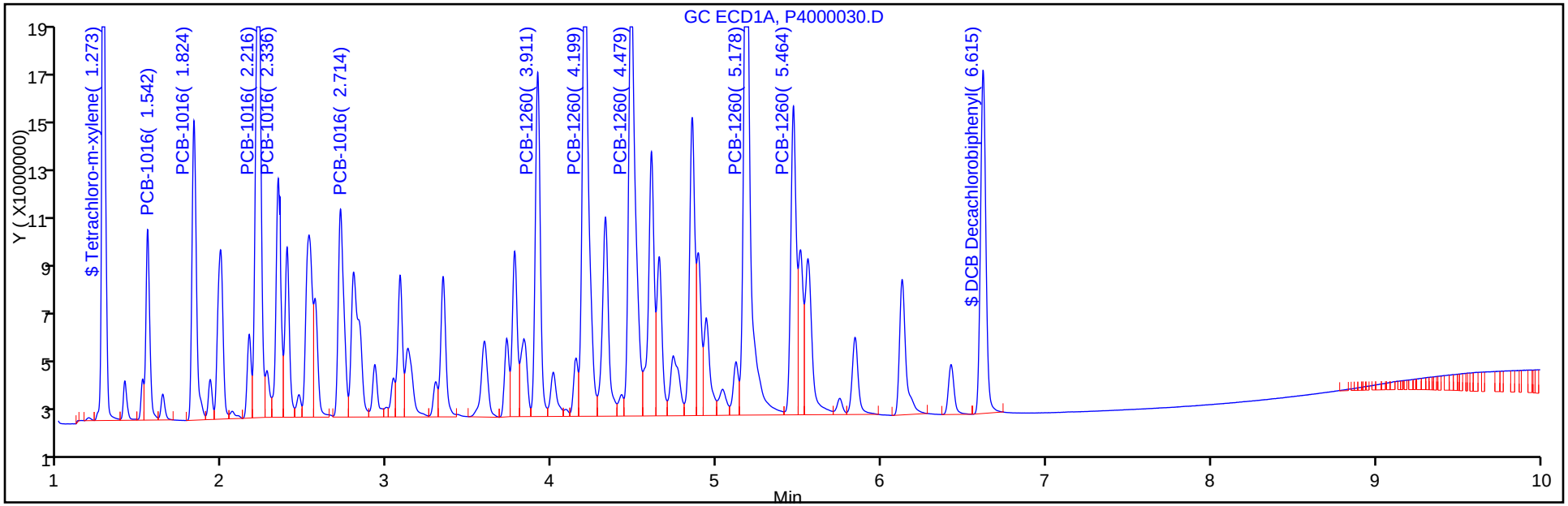
Report Date: 15-Apr-2013 13:05:17 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

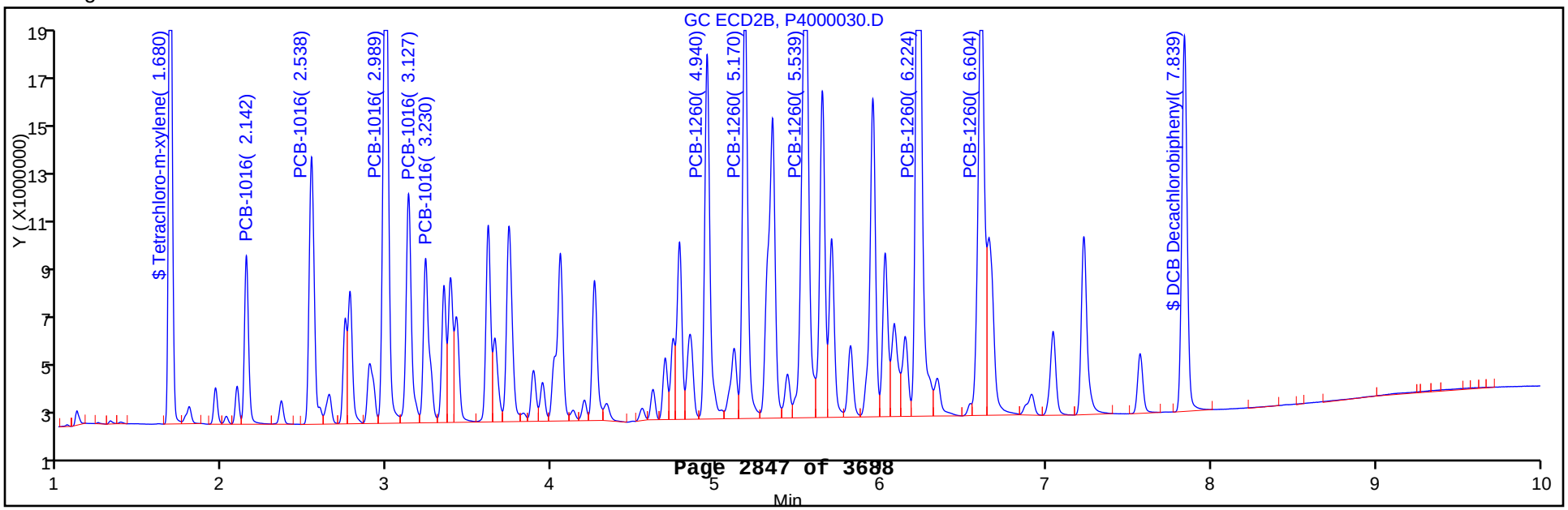
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000030.D

Injection Date:	15-Apr-2013 06:45:16	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	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: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000031.D		
Lims ID:	STD1 1660	Client ID:	
Inject. Date:	15-Apr-2013 07:00:55	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0018824-031		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 ul	ALS Bottle#:	31
Lims Batch ID:	81761	Lims Sample ID:	31
Sublist:	chrom-PCB4*sub5		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m		
Last Update:	15-Apr-2013 13:05:17	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 07:56:47

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.273	1.273	0.000	75430646	0.0476			
2	2	1.680	1.680	0.000	76080813	0.0482			
						RPD = 1.22			
6 PCB-1016									M
1	100	1.542	1.542	0.000	24260203	0.8940		100.0	
1	2	1.824	1.824	0.000	43493540	0.8882	156.0- 206.0	179.3	
1	3	2.216	2.216	0.000	89669755	0.9596	312.4- 362.4	369.6	
1	4	2.336	2.336	0.000	39524466	0.9419	118.7- 188.7	162.9	
1	5	2.714	2.714	0.000	39299859	0.9269	125.6- 175.6	162.0	
			Average of Peak Amounts =			0.9221			
2	6	2.142	2.142	0.000	23215264	0.9051		100.0	
2	7	2.538	2.538	0.000	46013267	0.9063	169.6- 229.6	198.2	M
2	8	2.990	2.989	0.001	95381388	0.9598	351.4- 411.4	410.9	M
2	9	3.127	3.127	0.000	41340948	0.9392	141.3- 201.3	178.1	M
2	10	3.231	3.230	0.001	32939242	0.9617	102.5- 162.5	141.9	M
			Average of Peak Amounts =			0.9344			
						RPD = 1.32			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									M
1	100	3.912	3.911	0.001	58486212	0.9373		100.0	
1	2	4.198	4.199	-0.001	103815872	0.9427	152.2- 202.2	177.5	
1	3	4.478	4.479	-0.001	104066785	0.9665	146.4- 196.4	177.9	
1	4	5.179	5.178	0.001	128178666	0.99	180.7- 230.7	219.2	
1	5	5.464	5.464	0.000	57763115	0.99	64.1- 114.1	98.8	
			Average of Peak Amounts =			0.9658			
2	6	4.941	4.940	0.001	66378031	0.9650		100.0	M
2	7	5.169	5.170	-0.001	76848773	0.9626	87.6- 147.6	115.8	M
2	8	5.538	5.539	-0.001	115078240	0.9738	144.7- 204.7	173.4	M
2	9	6.223	6.224	-0.001	142695180	0.9786	187.7- 247.7	215.0	M
2	10	6.604	6.604	0.000	98045225	1.01	115.0- 175.0	147.7	M
			Average of Peak Amounts =			0.9789			
						RPD = 1.35			
$ 12 DCB Decachlorobiphenyl									
1	100	6.616	6.615	0.001	60872720	0.0456			
2	2	7.838	7.839	-0.001	65480868	0.0450			
						RPD = 1.41			

QC Flag Legend

Review Flags
M - Manually Integrated

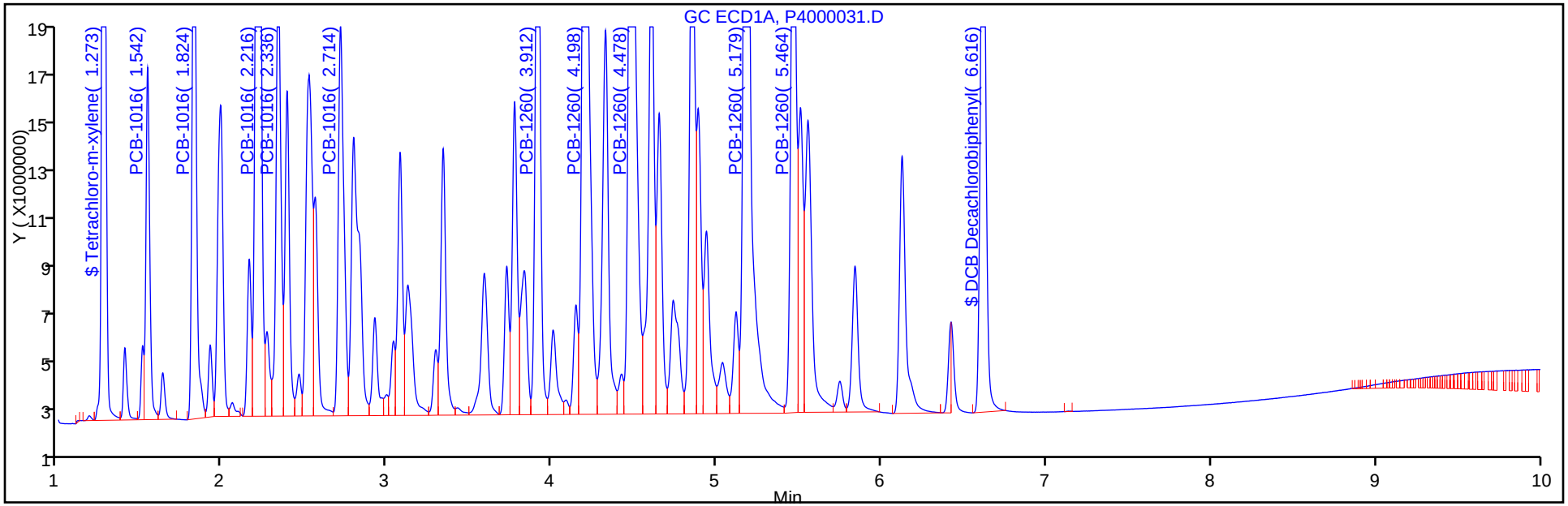
Report Date: 15-Apr-2013 13:05:19 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

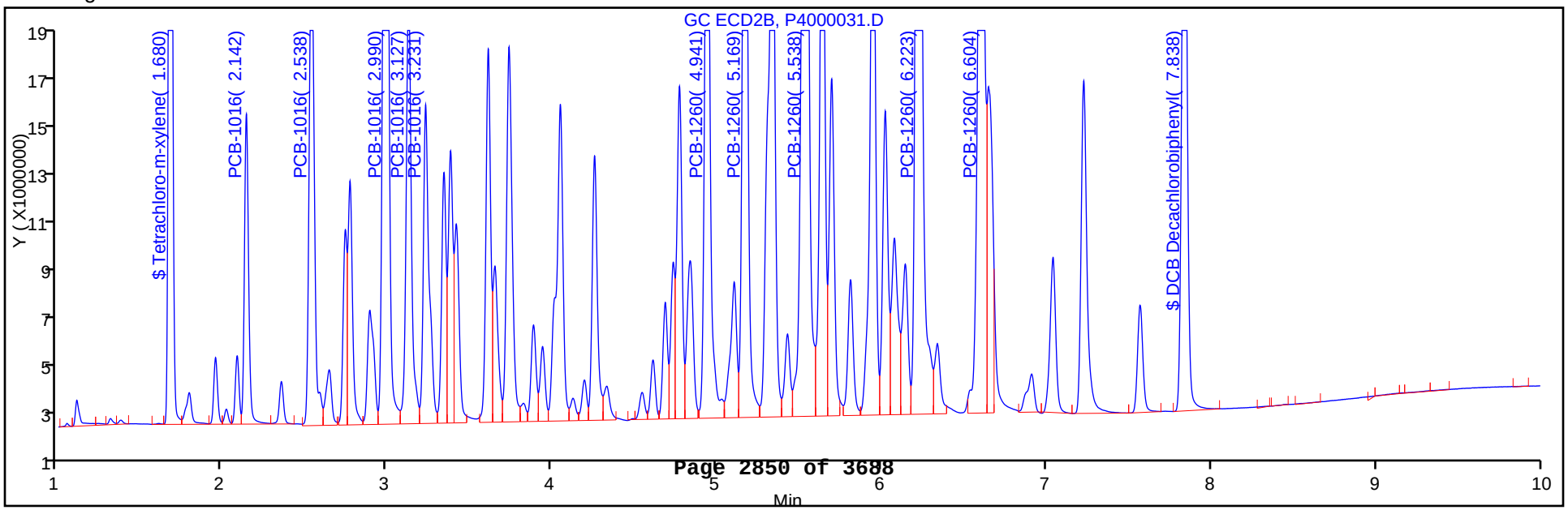
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000031.D

Injection Date:	15-Apr-2013 07:00:55	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	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: Method Defined: Set to Absolute Y Value



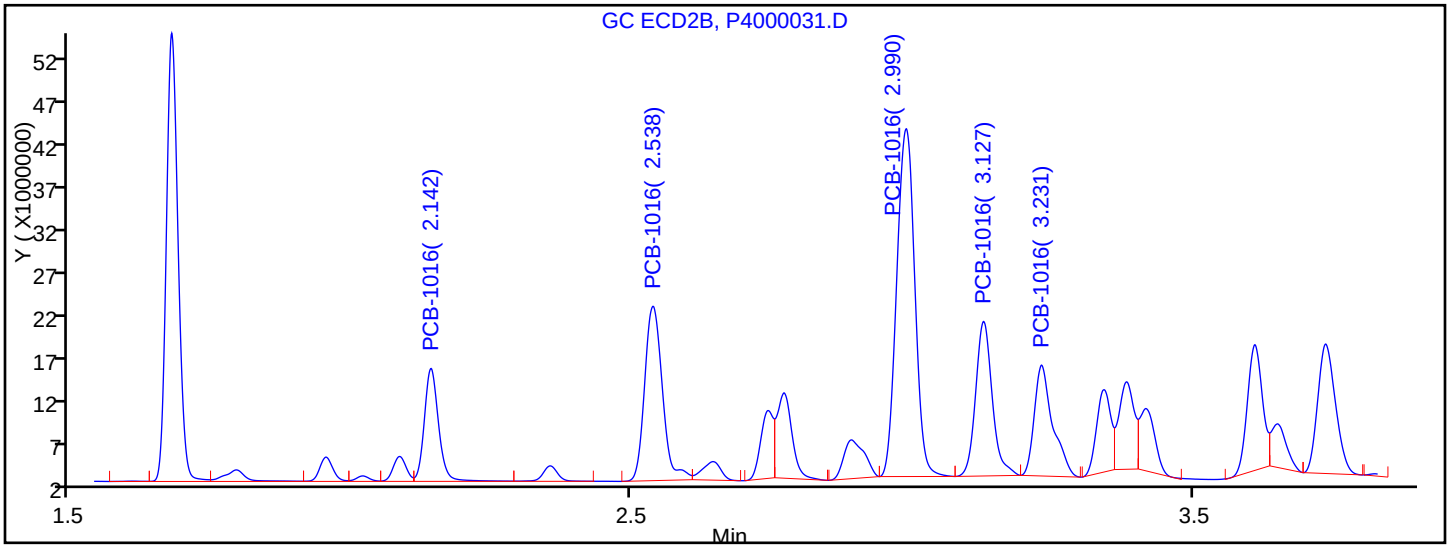
Report Date: 15-Apr-2013 13:05:19 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000031.D

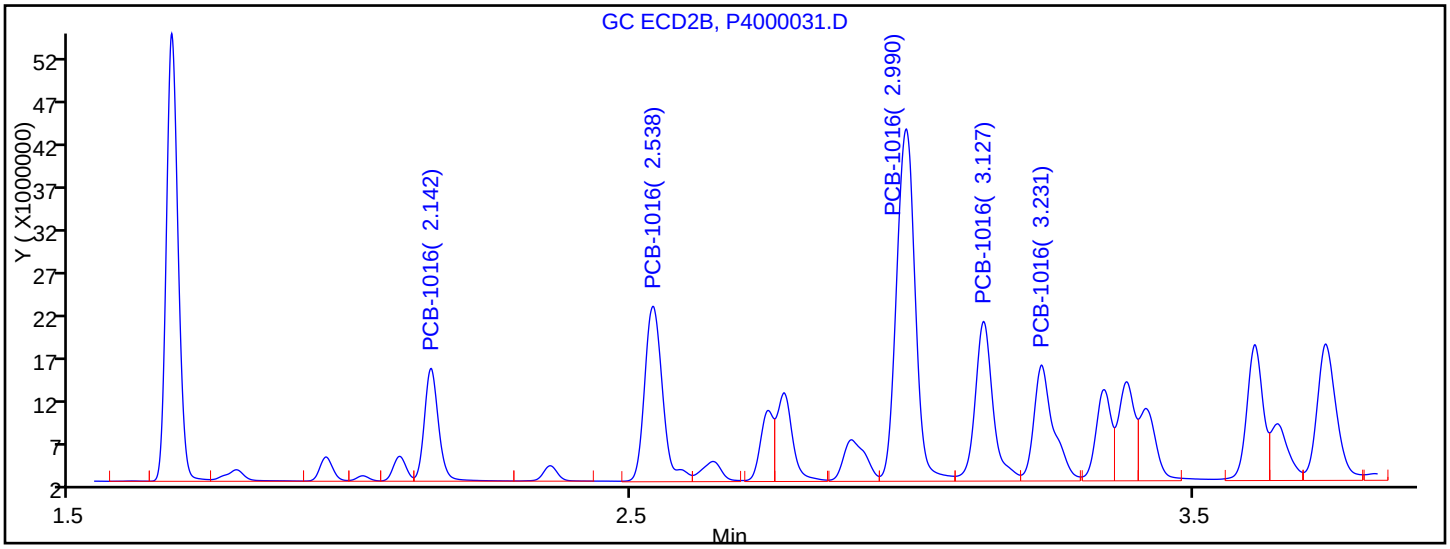
Injection Date:	15-Apr-2013 07:00:55	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	31
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

6 PCB-1016, Detector: 2, GC ecd2b



Processing Integration Results

RT = 2.142	Response = 23215264	
RT = 2.538	Response = 44820756	M
RT = 2.990	Response = 90805398	M
RT = 3.127	Response = 37001498	M
RT = 3.231	Response = 29315165	M



Manual Integration Results

RT = 2.142	Response = 23215264	
RT = 2.538	Response = 46013267	M
RT = 2.990	Response = 95381388	M
RT = 3.127	Response = 41340948	M
RT = 3.231	Response = 32939242	M

Reviewer: hassl, 15-Apr-2013 07:56:47

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

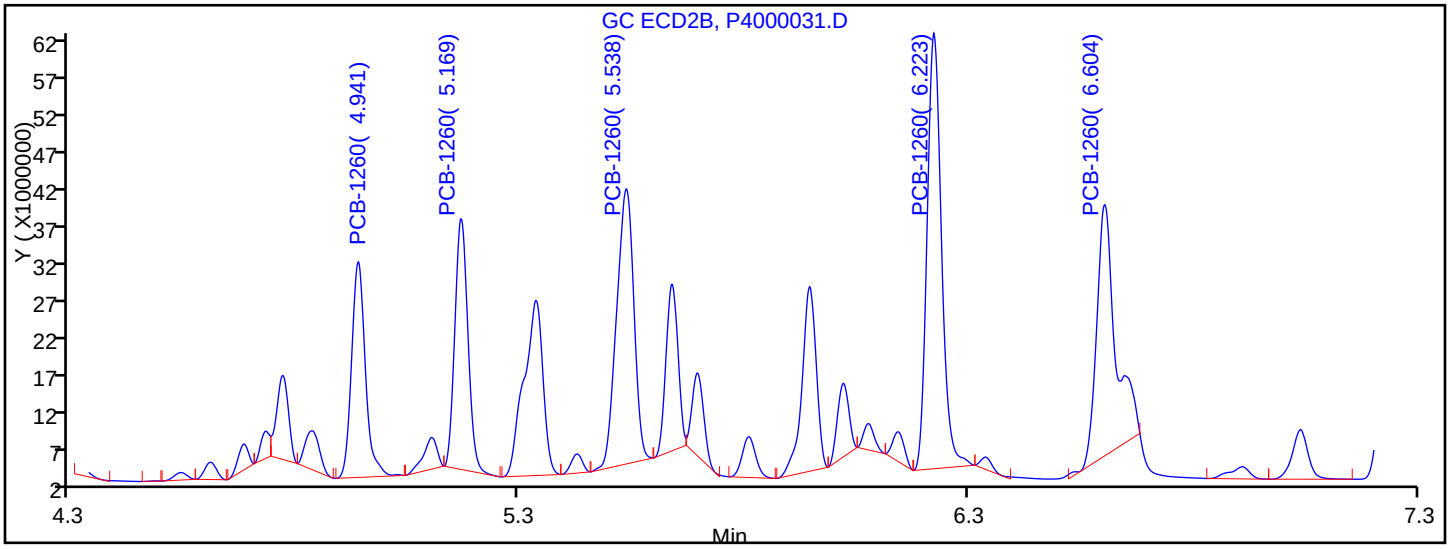
Report Date: 15-Apr-2013 13:05:19 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000031.D

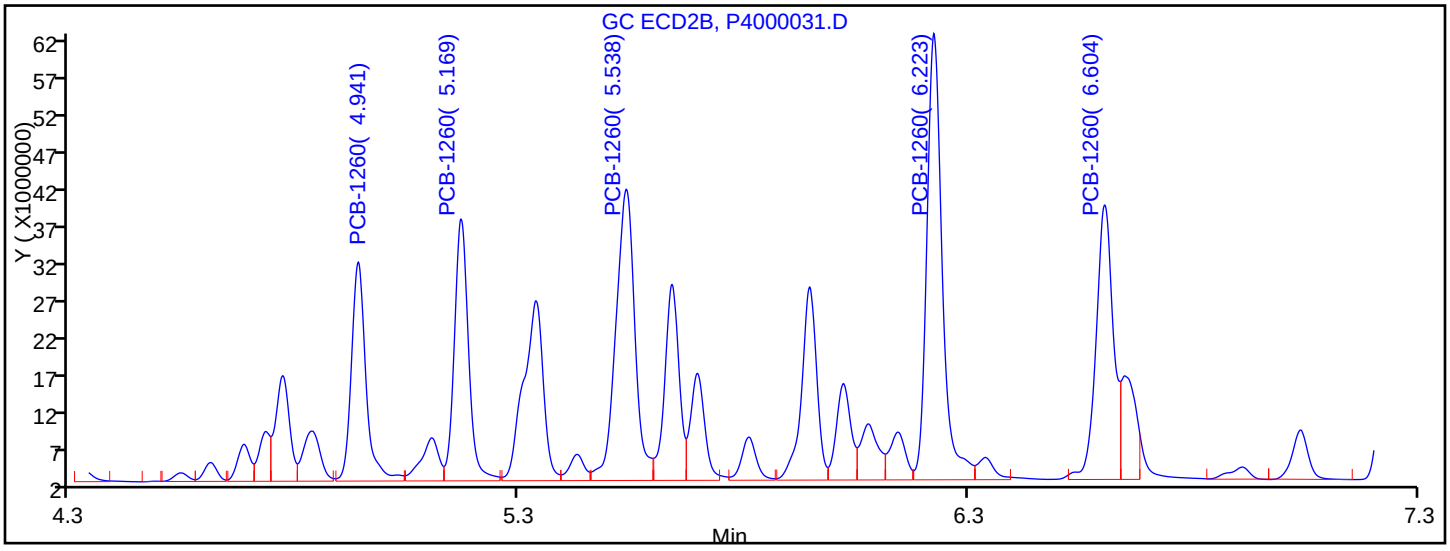
Injection Date:	15-Apr-2013 07:00:55	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	31
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

10 PCB-1260, Detector: 2, GC ecd2b



Processing Integration Results

RT = 4.941	Response = 61726368	M
RT = 5.169	Response = 67866695	M
RT = 5.538	Response = 98241544	M
RT = 6.223	Response = 130007209	M
RT = 6.604	Response = 98667352	M



Manual Integration Results

RT = 4.941	Response = 66378031	M
RT = 5.169	Response = 76848773	M
RT = 5.538	Response = 115078240	M
RT = 6.223	Response = 142695180	M
RT = 6.604	Response = 98045225	M

Reviewer: hassl, 15-Apr-2013 07:56:47

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000032.D
Lims ID: STD2 1660 Client ID:
Inject. Date: 15-Apr-2013 07:16:36 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0018824-032
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 32
Lims Batch ID: 81761 Lims Sample ID: 32
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:05:19 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
$ 2 Tetrachloro-m-xylene									
1	44	1.274	1.273	0.001	139633124	0.0882			
2	2	1.680	1.680	0.000	144660958	0.0917			
						RPD = 3.90			
6 PCB-1016									
1	100	1.543	1.542	0.001	45467307	1.68		100.0	
1	2	1.824	1.824	0.000	81405825	1.66	156.0- 206.0	179.0	
1	3	2.215	2.216	-0.001	173782886	1.86	312.4- 362.4	382.2	
1	4	2.335	2.336	-0.001	76582147	1.83	118.7- 188.7	168.4	
1	5	2.714	2.714	0.000	76719668	1.81	125.6- 175.6	168.7	
			Average of Peak Amounts =			1.77			
2	6	2.142	2.142	0.000	43341046	1.69		100.0	
2	7	2.538	2.538	0.000	84639763	1.67	169.6- 229.6	195.3	
2	8	2.989	2.989	0.000	182329208	1.83	351.4- 411.4	420.7	
2	9	3.127	3.127	0.000	78363562	1.78	141.3- 201.3	180.8	
2	10	3.229	3.230	-0.001	62977595	1.84	102.5- 162.5	145.3	
			Average of Peak Amounts =			1.76			
						RPD = 0.25			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.911	3.911	0.000	113608262	1.82		100.0	
1	2	4.198	4.199	-0.001	201639590	1.83	152.2- 202.2	177.5	
1	3	4.478	4.479	-0.001	205014119	1.90	146.4- 196.4	180.5	
1	4	5.177	5.178	-0.001	252349773	1.95	180.7- 230.7	222.1	
1	5	5.463	5.464	-0.001	116579268	2.00	64.1- 114.1	102.6	
			Average of Peak Amounts =			1.90			
2	6	4.940	4.940	0.000	126295696	1.84		100.0	
2	7	5.169	5.170	-0.001	149487757	1.87	87.6- 147.6	118.4	
2	8	5.536	5.539	-0.003	225926327	1.91	144.7- 204.7	178.9	
2	9	6.223	6.224	-0.001	280614663	1.92	187.7- 247.7	222.2	
2	10	6.603	6.604	-0.001	192580448	1.99	115.0- 175.0	152.5	
			Average of Peak Amounts =			1.91			
						RPD = 0.31			
$ 12 DCB Decachlorobiphenyl									
1	100	6.615	6.615	0.000	115275771	0.0863			
2	2	7.838	7.839	-0.001	122400065	0.0840			
						RPD = 2.71			

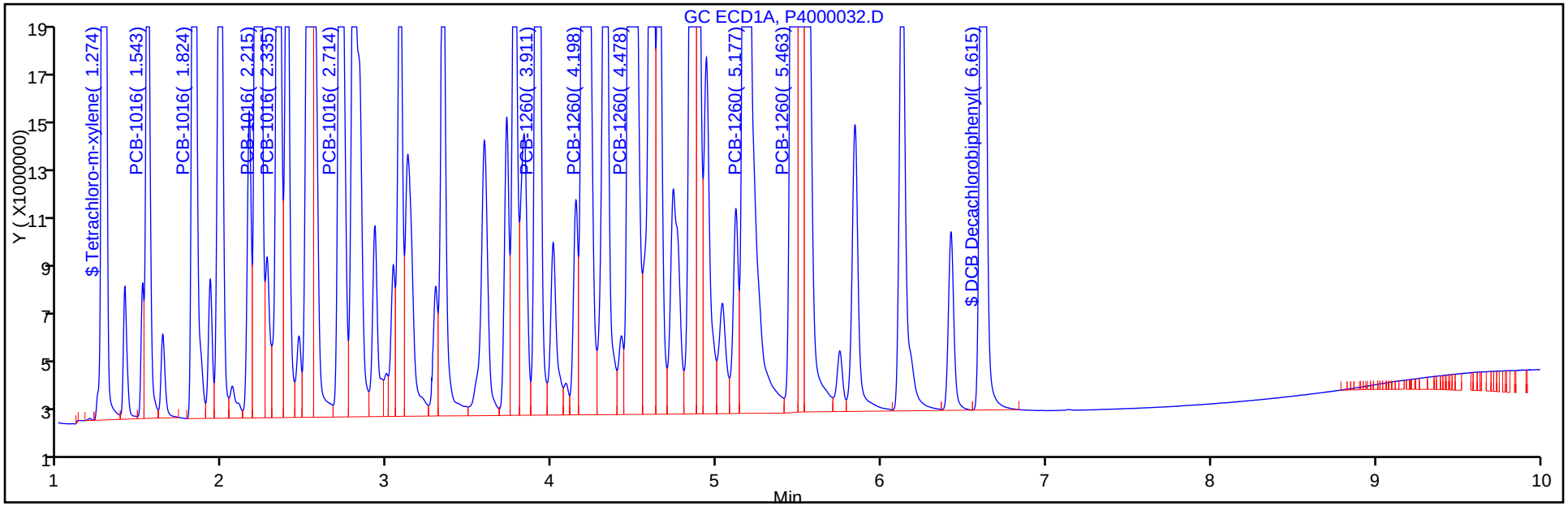
Report Date: 15-Apr-2013 13:05:20 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

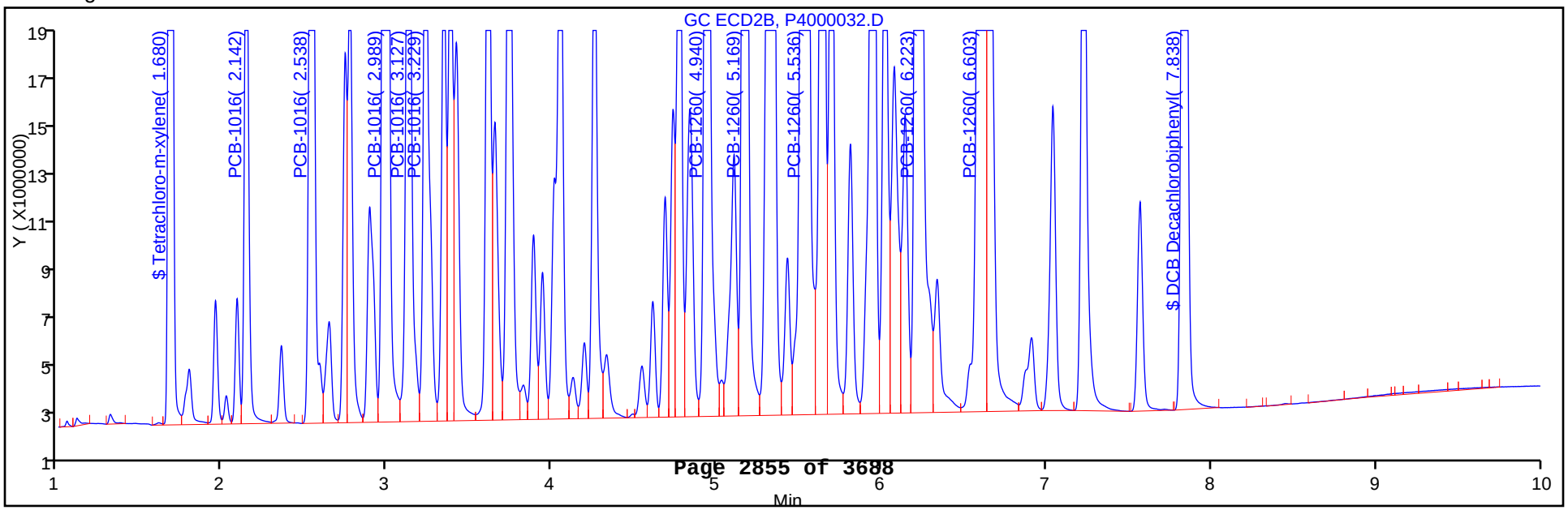
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000032.D

Injection Date:	15-Apr-2013 07:16:36	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	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: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

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.: 240-22804-1

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			

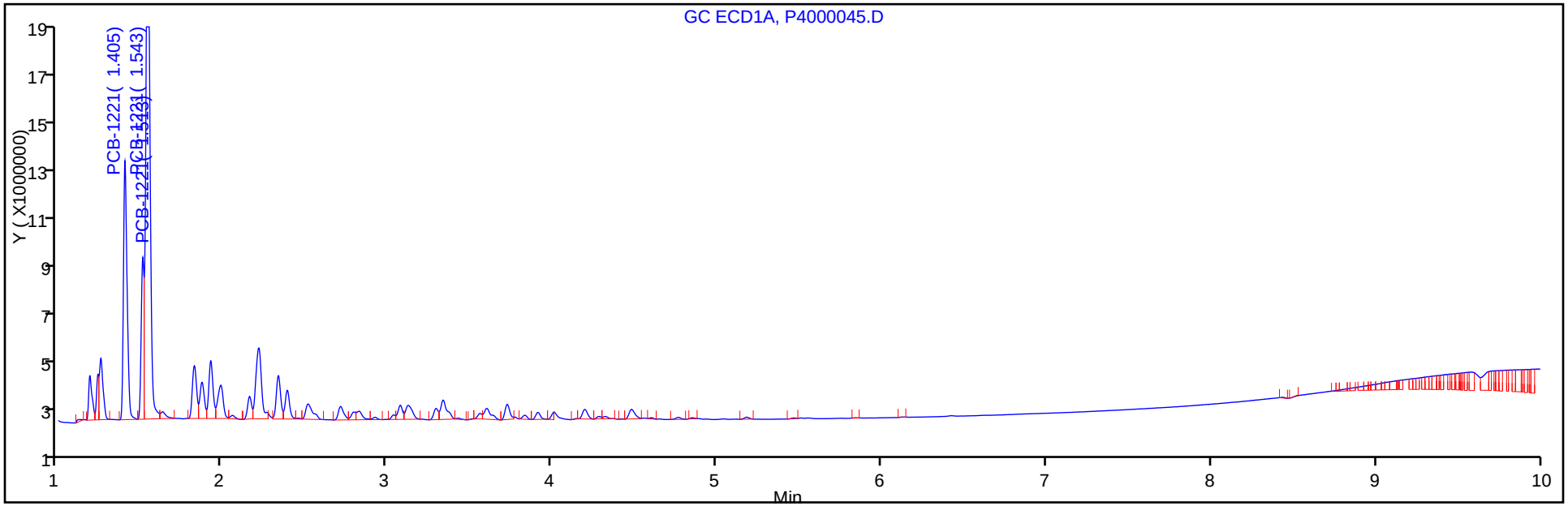
Report Date: 15-Apr-2013 13:05:39 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

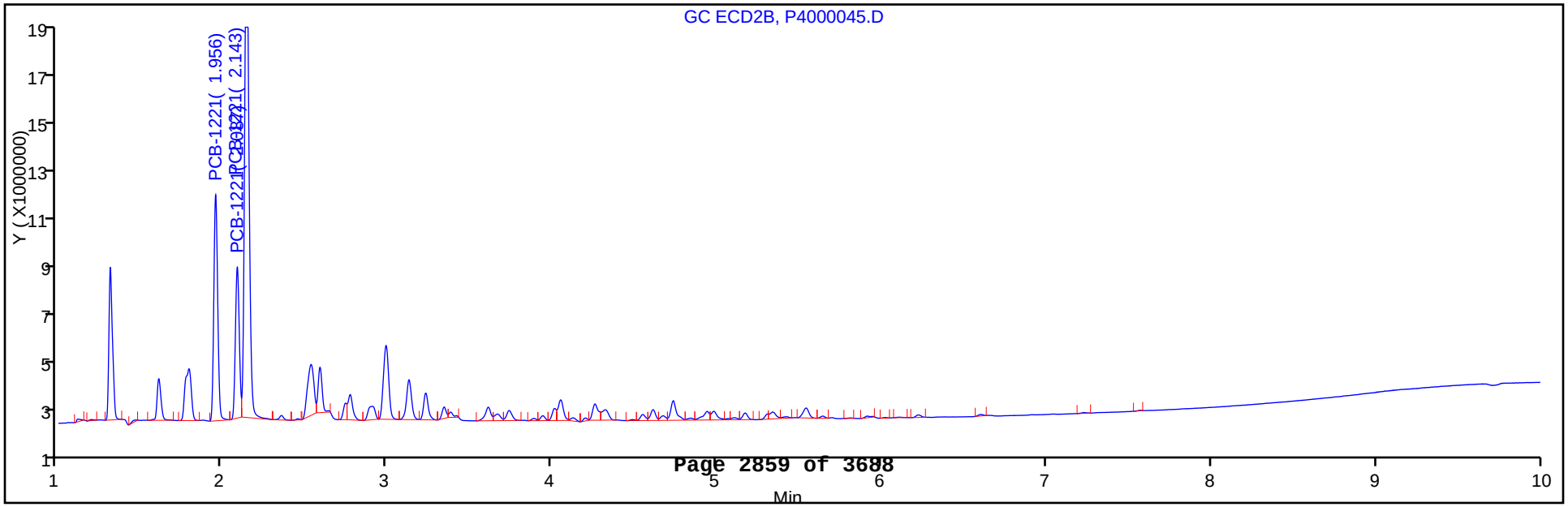
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000045.D

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.: 240-22804-1

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.: 240-22804-1

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			

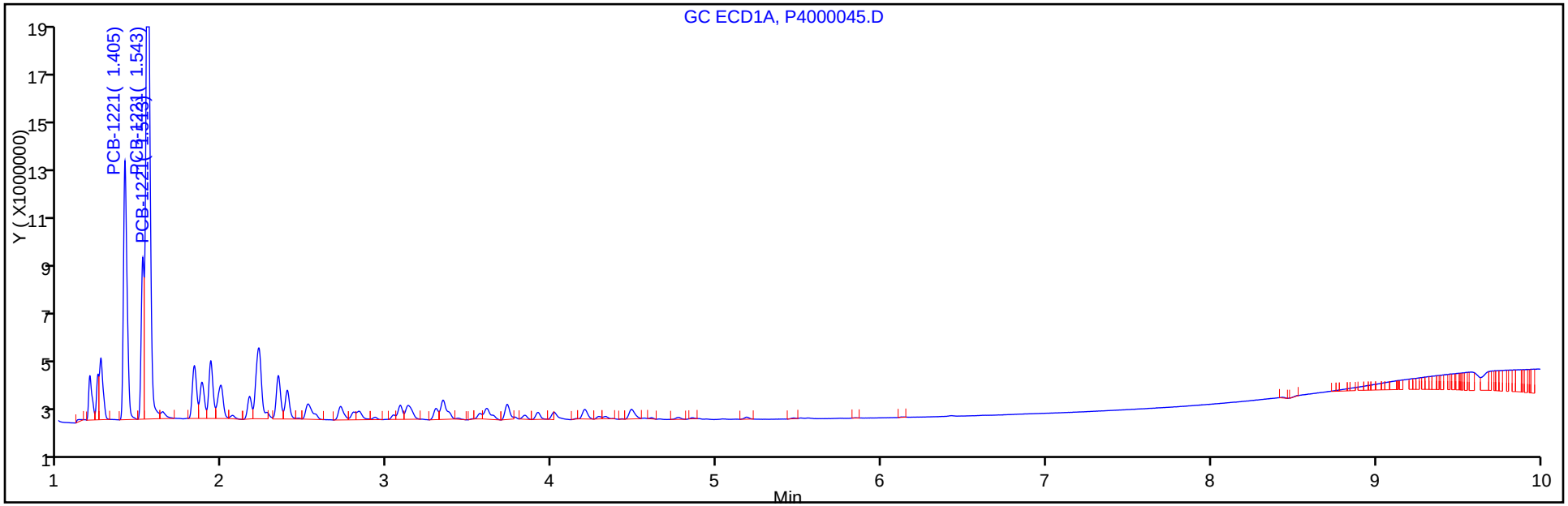
Report Date: 15-Apr-2013 13:05:39 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

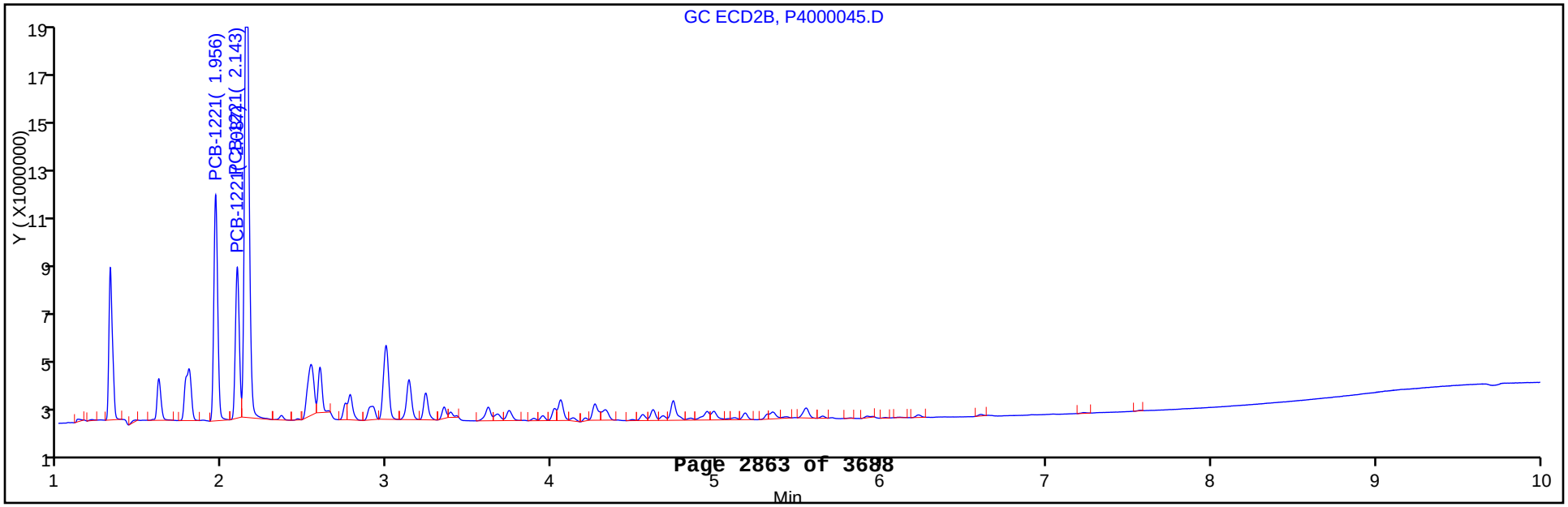
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000045.D

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.: 240-22804-1

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.: 240-22804-1

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

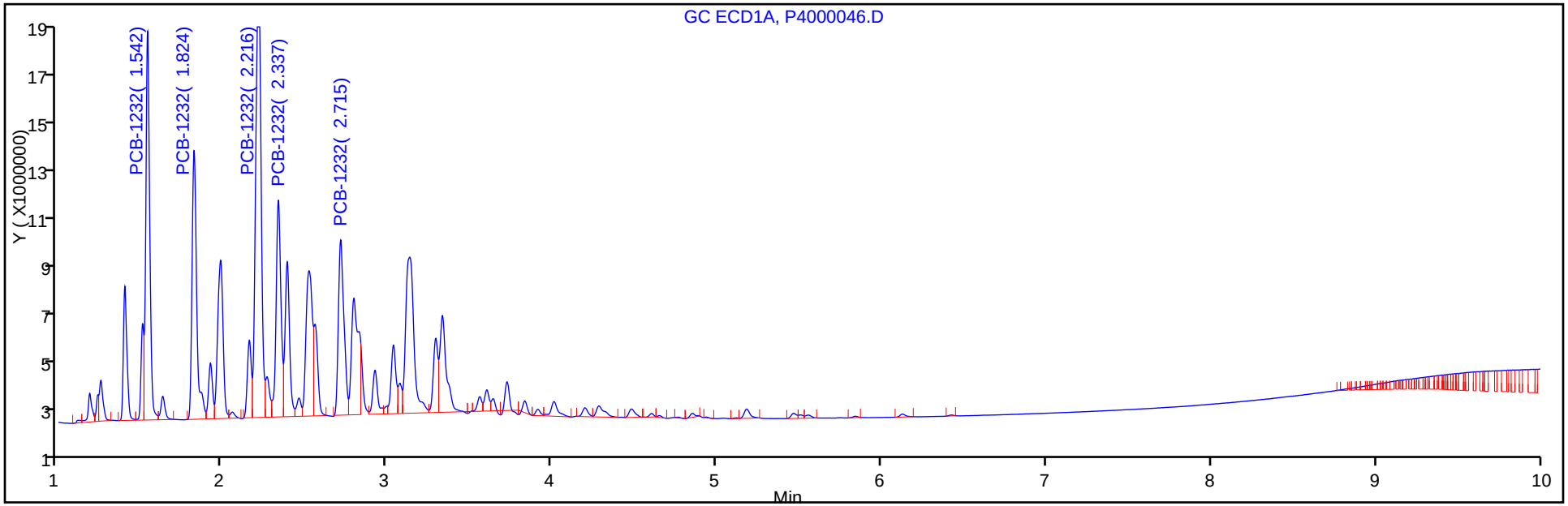
Report Date: 15-Apr-2013 13:05:41 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

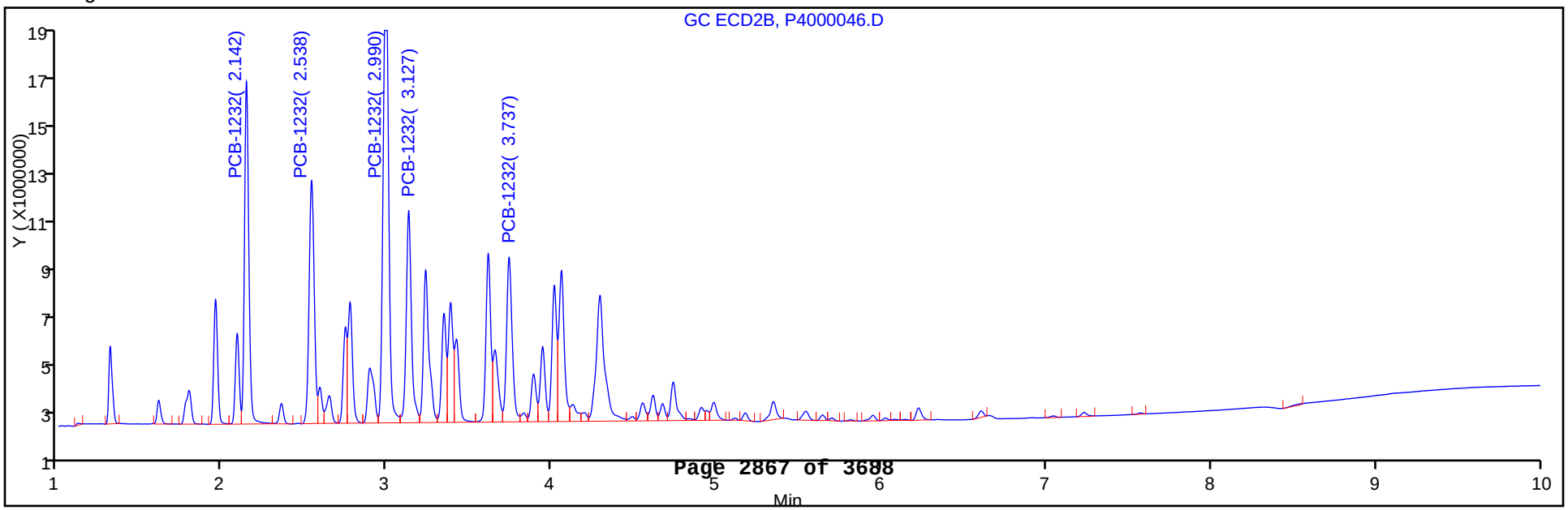
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000046.D

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



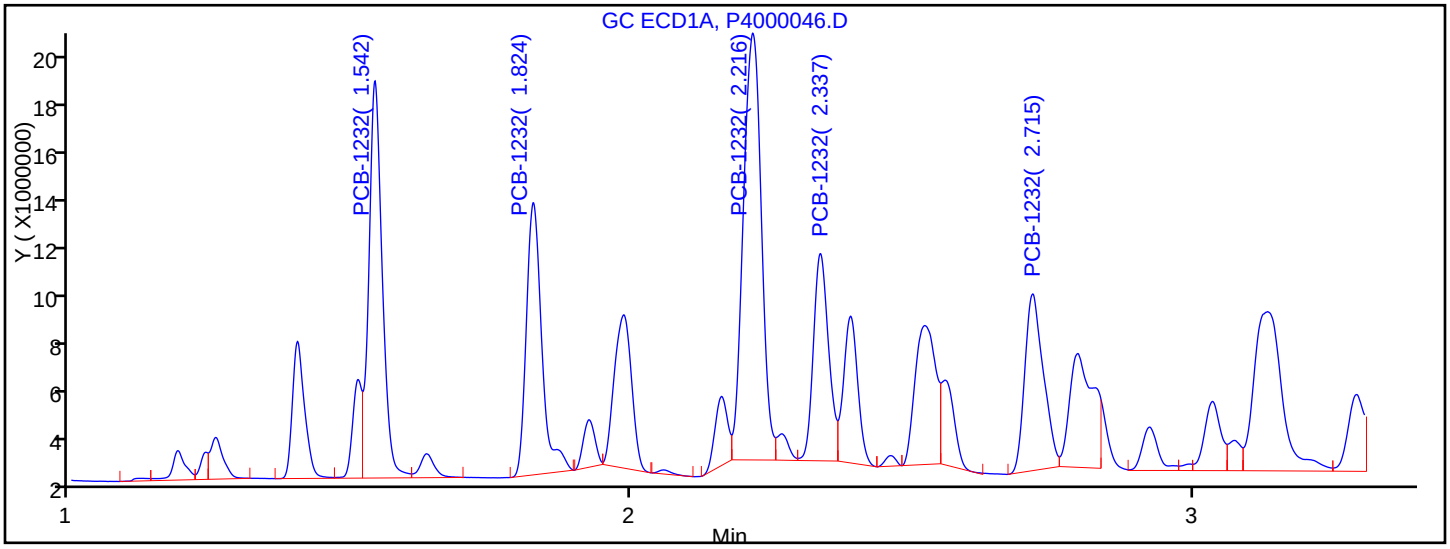
Report Date: 15-Apr-2013 13:05:41 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

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

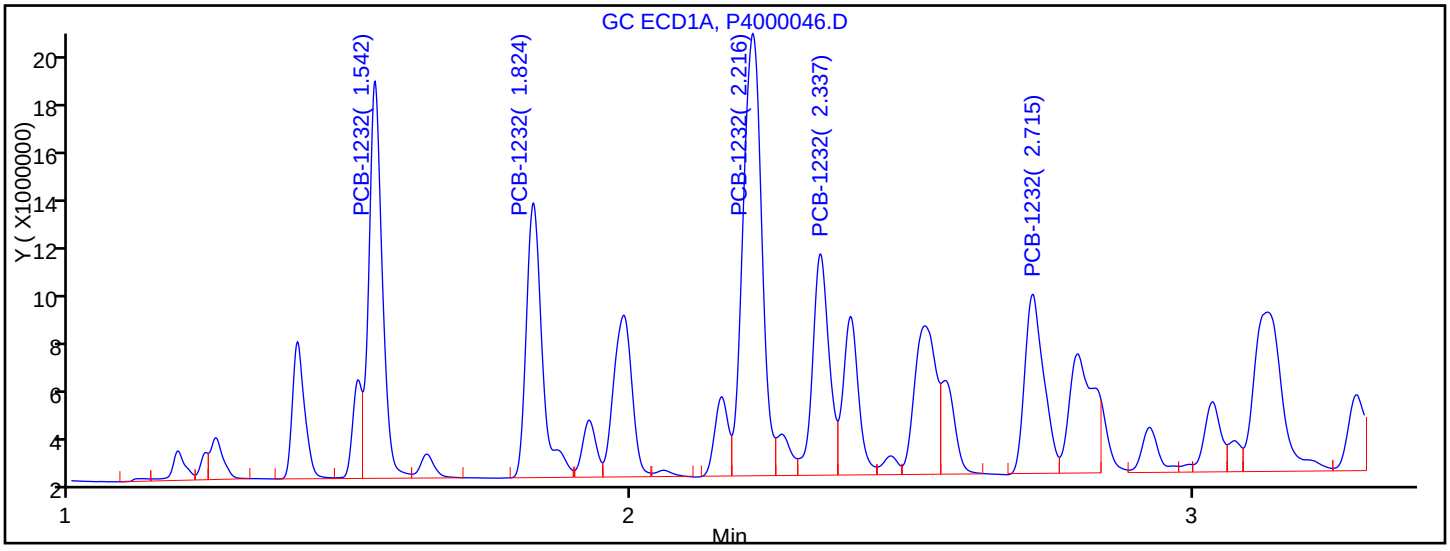
Injection Date:	15-Apr-2013 10:56:12	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	46
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-22804-1

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.: 240-22804-1

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

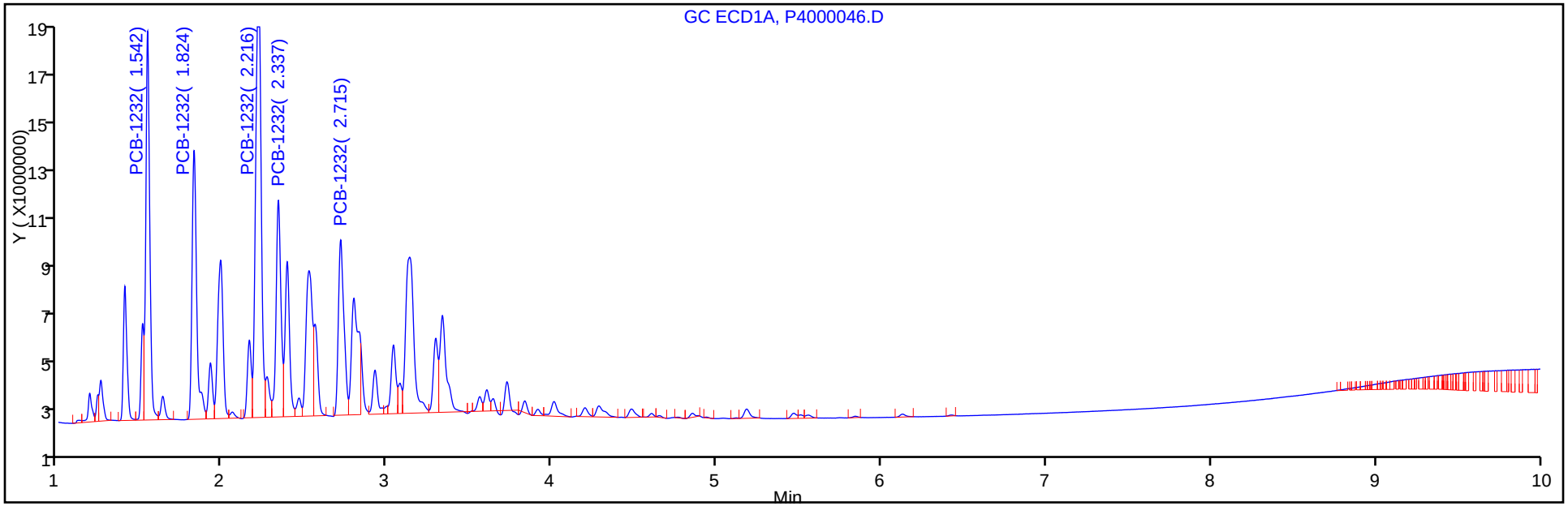
Report Date: 15-Apr-2013 13:05:42 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

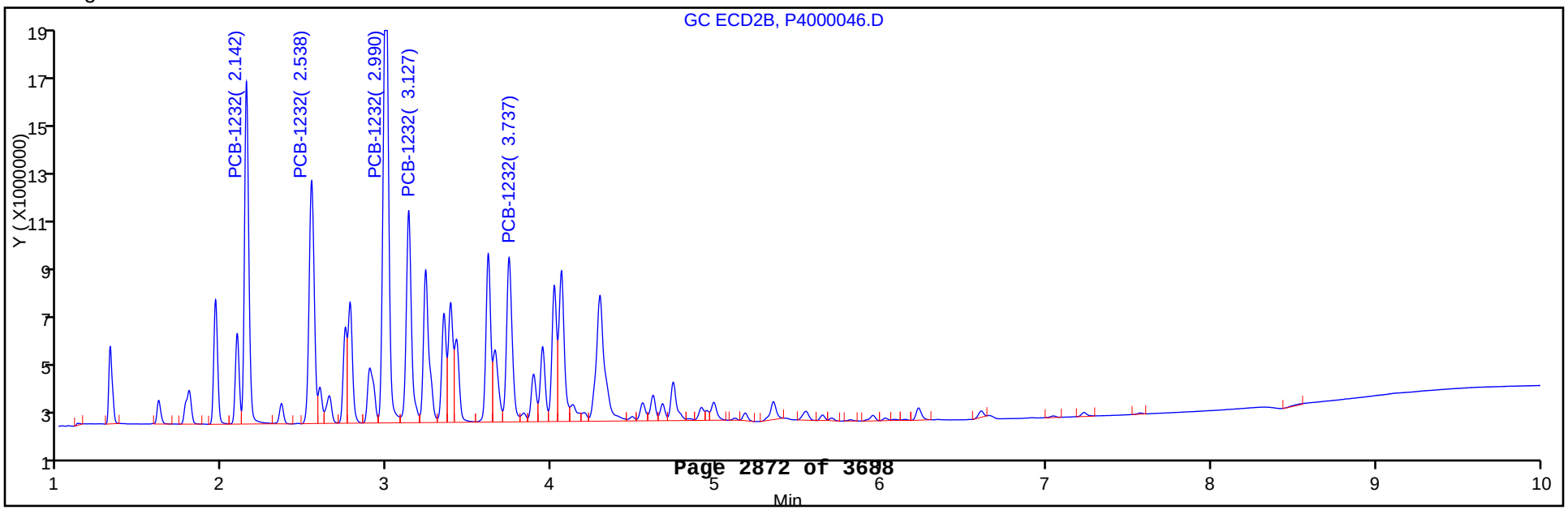
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000046.D

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.: 240-22804-1

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.: 240-22804-1

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

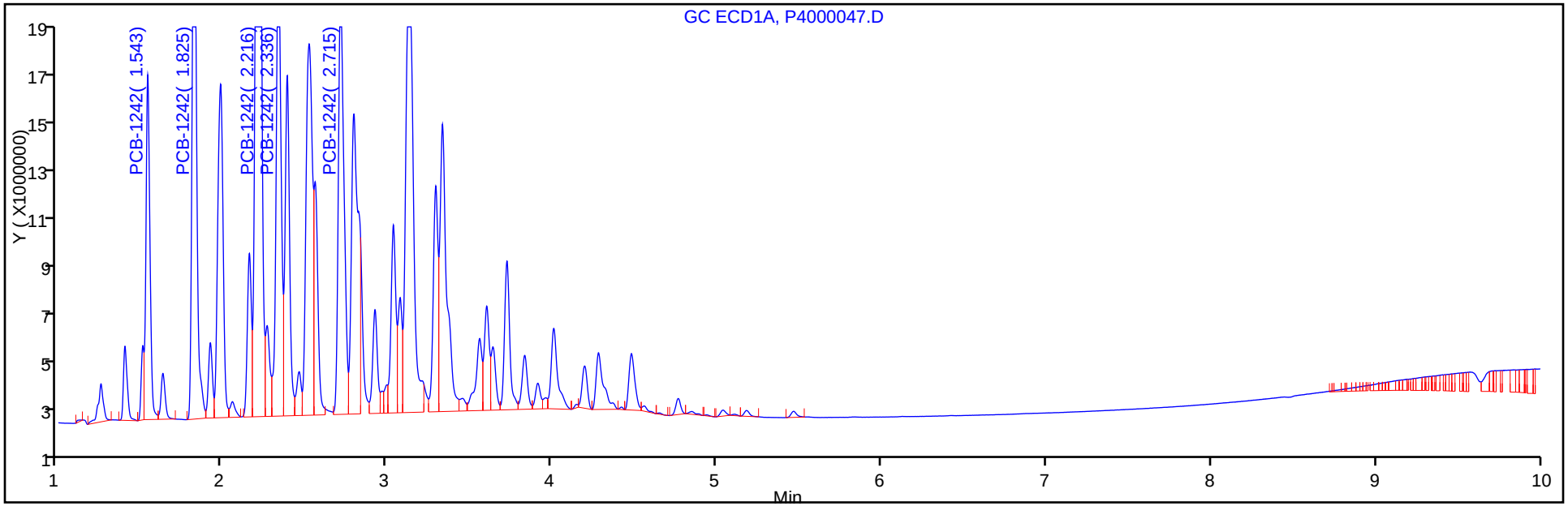
Report Date: 15-Apr-2013 13:05:44 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

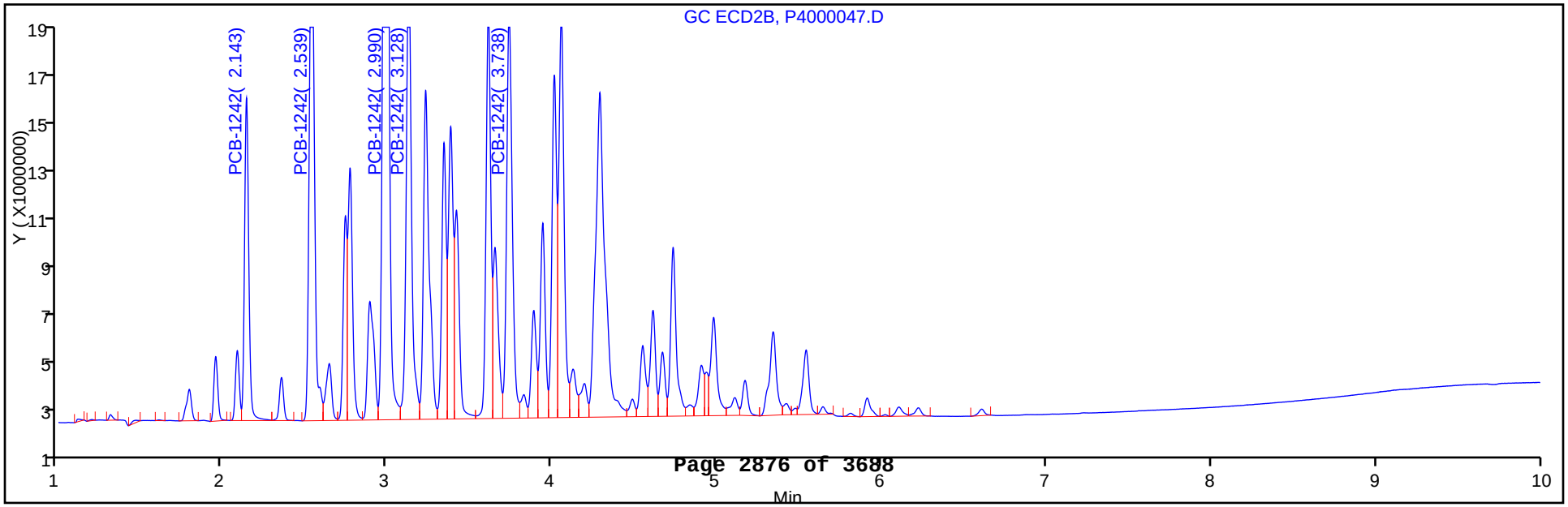
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000047.D

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



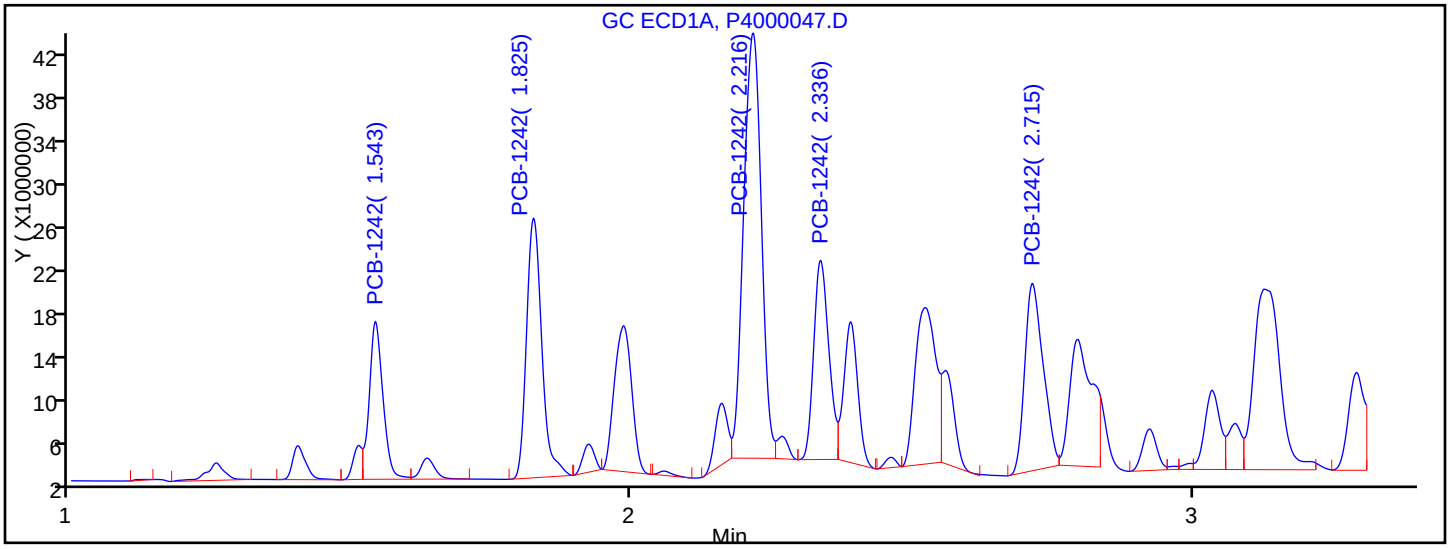
Report Date: 15-Apr-2013 13:05:44 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

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

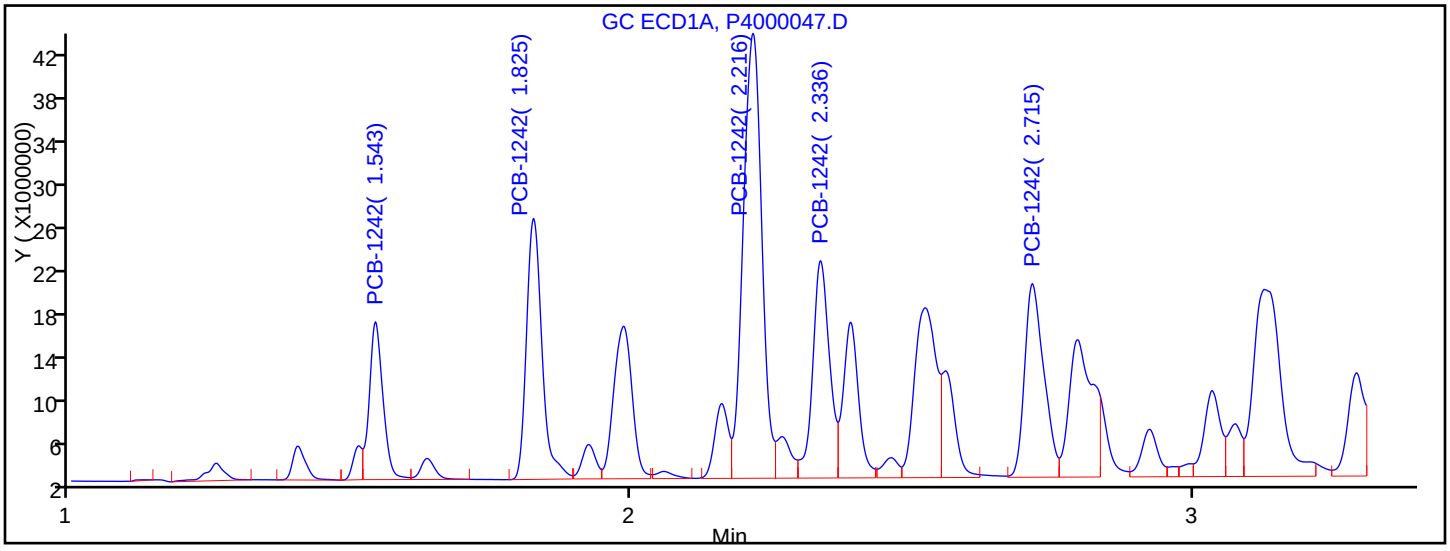
Injection Date:	15-Apr-2013 11:11:48	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	47
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-22804-1

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.: 240-22804-1

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

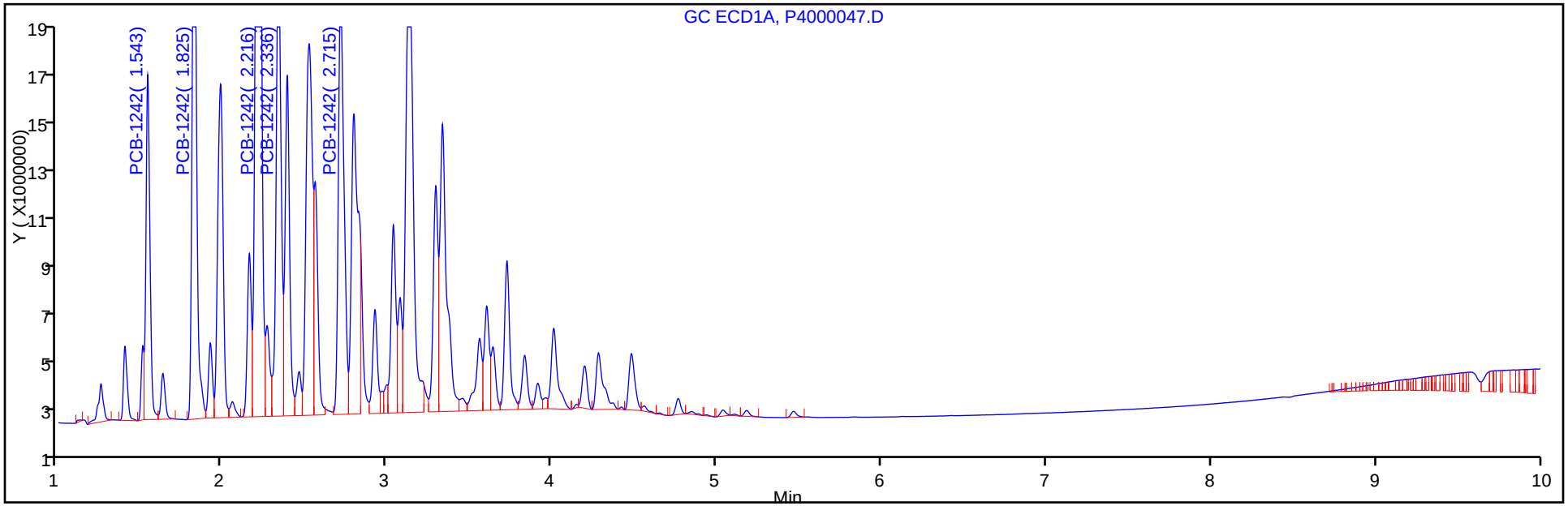
Report Date: 15-Apr-2013 13:05:44 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

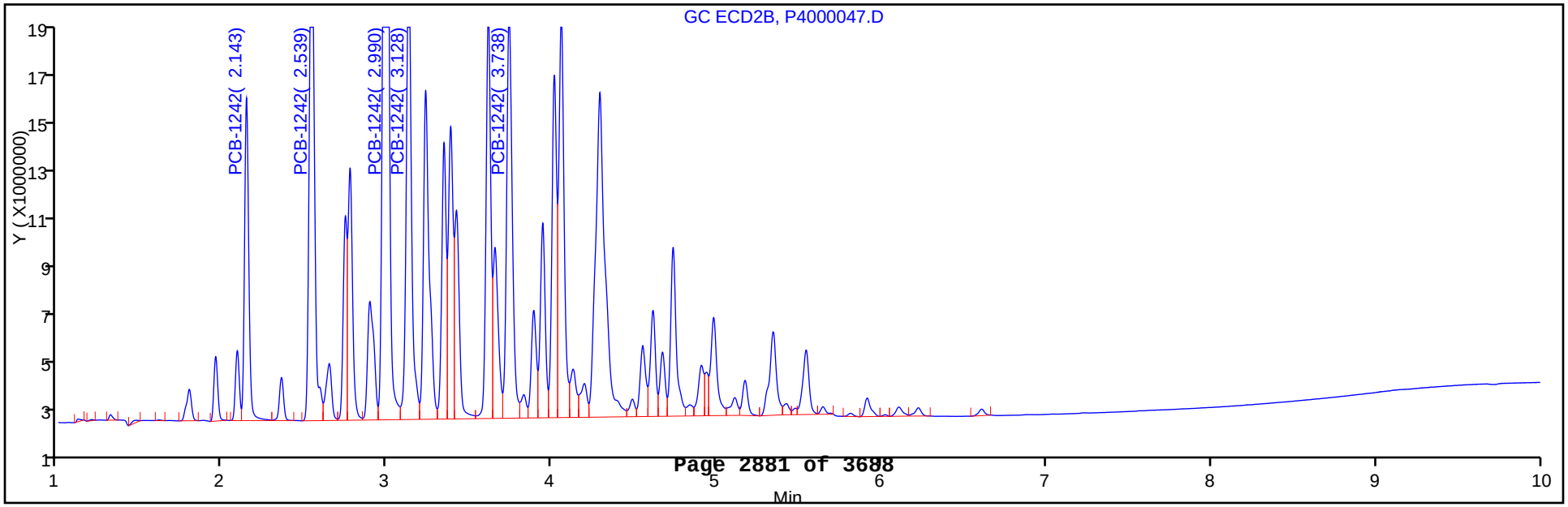
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000047.D

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.: 240-22804-1

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.: 240-22804-1

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			

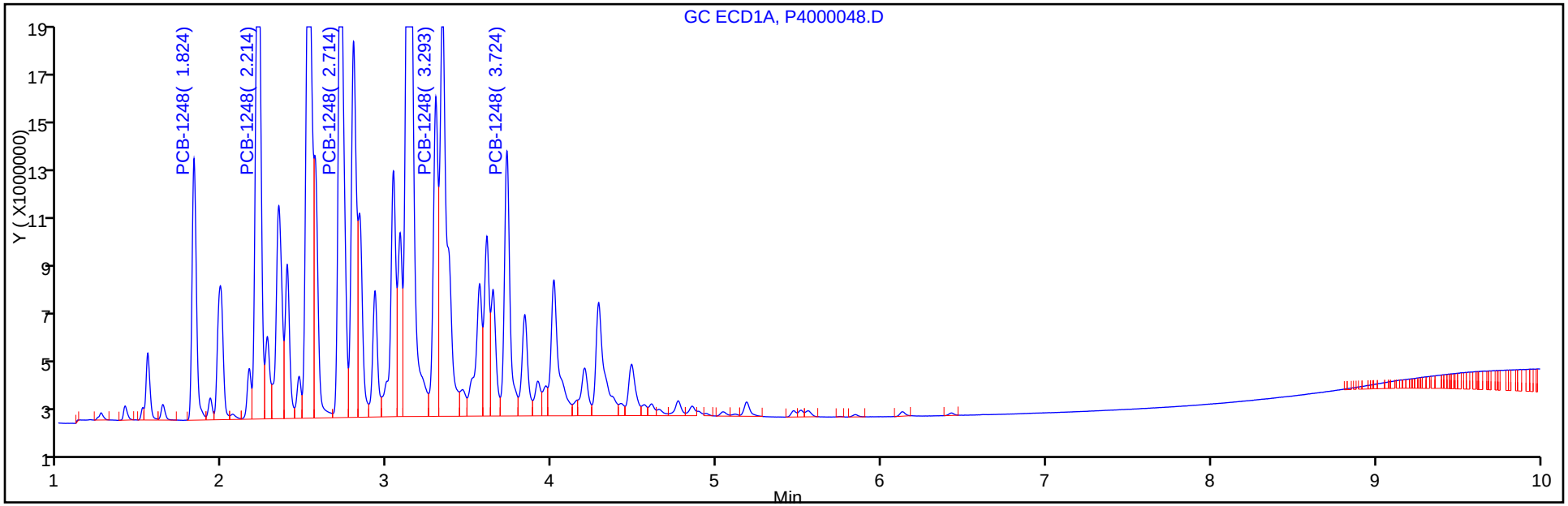
Report Date: 15-Apr-2013 13:05:47 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

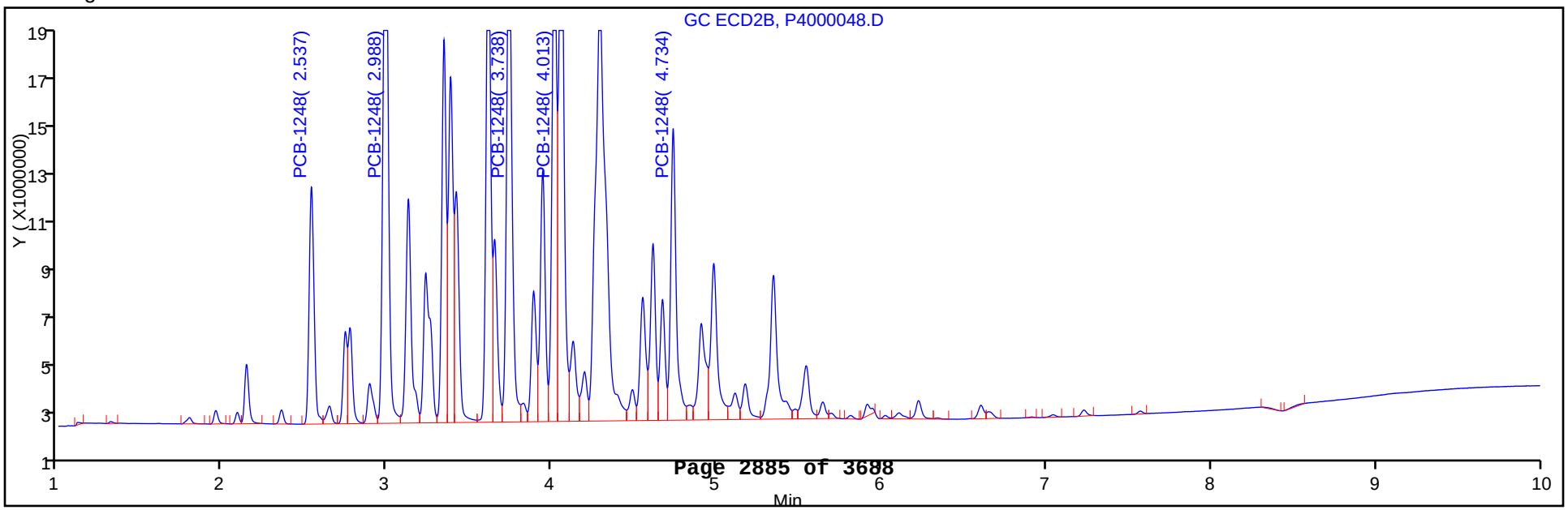
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000048.D

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.: 240-22804-1

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.: 240-22804-1

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			

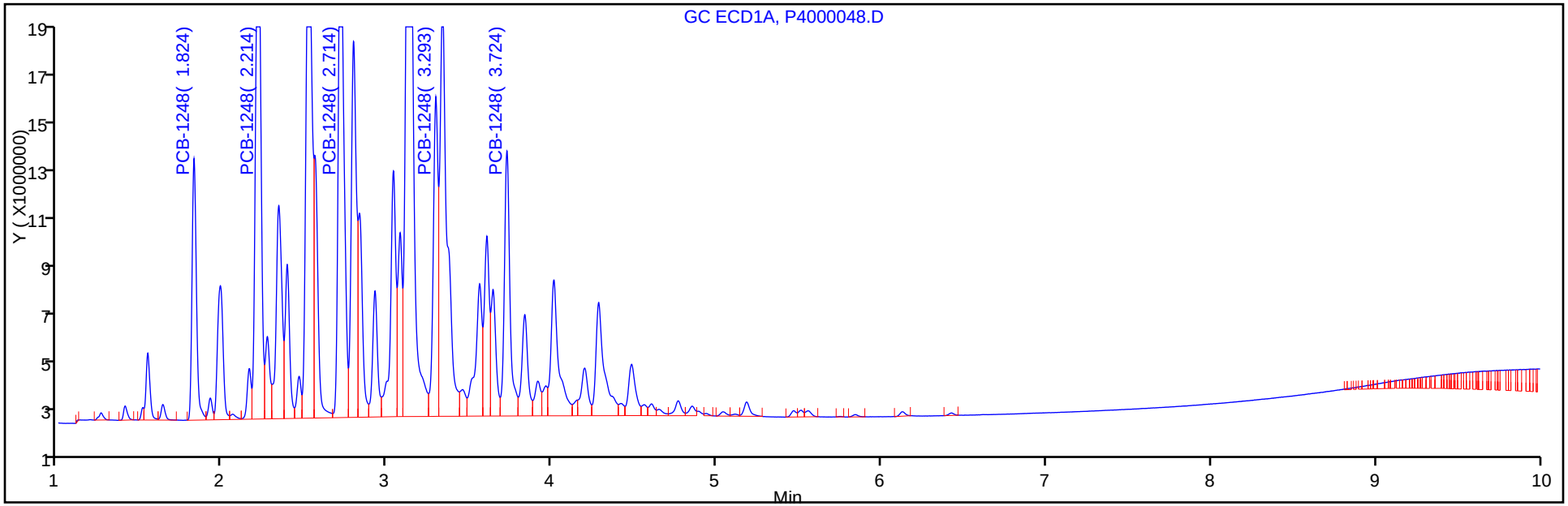
Report Date: 15-Apr-2013 13:05:47 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

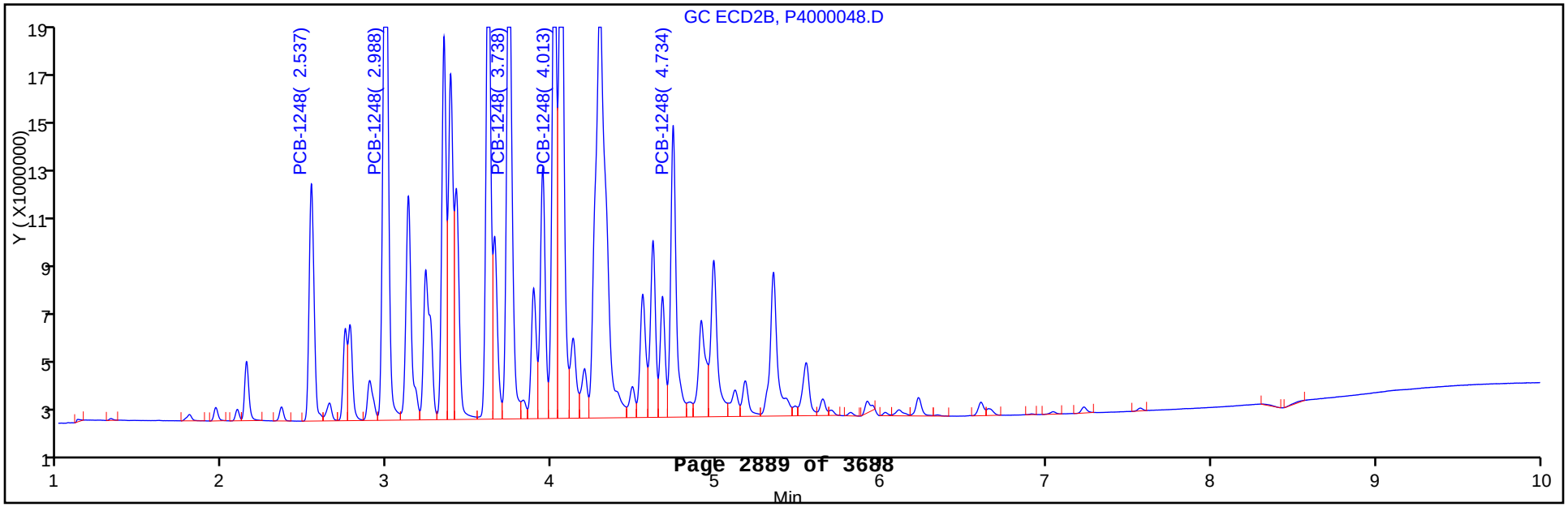
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000048.D

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.: 240-22804-1

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.: 240-22804-1

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

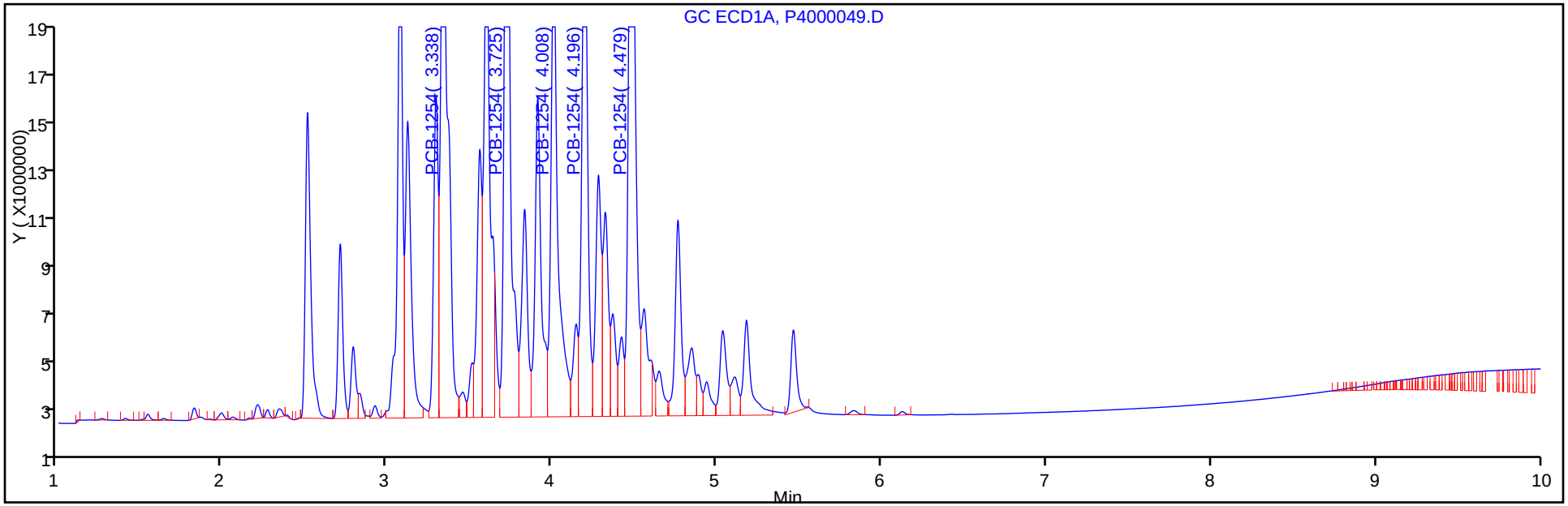
Report Date: 15-Apr-2013 13:05:49 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

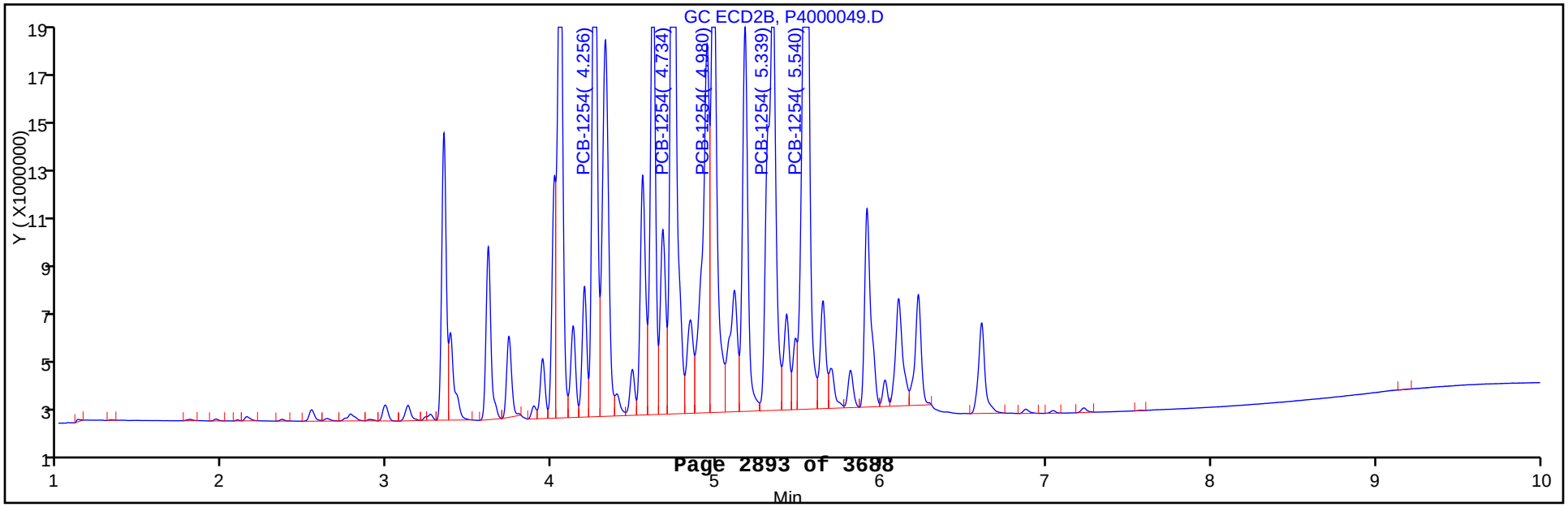
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000049.D

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



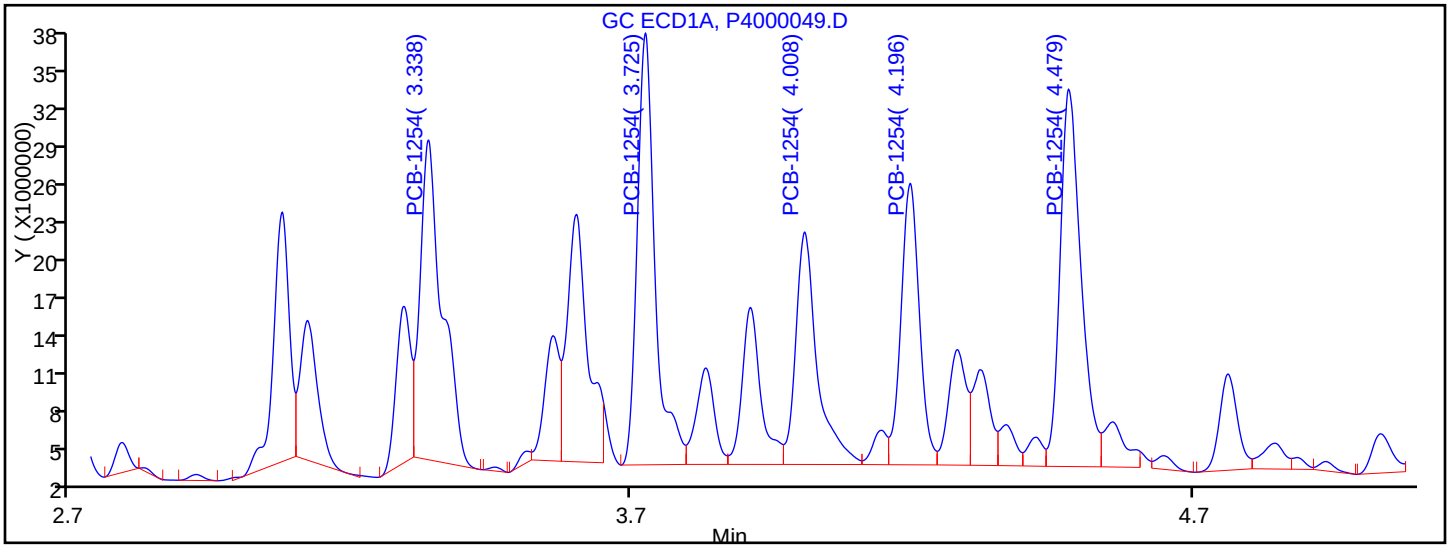
Report Date: 15-Apr-2013 13:05:49 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

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

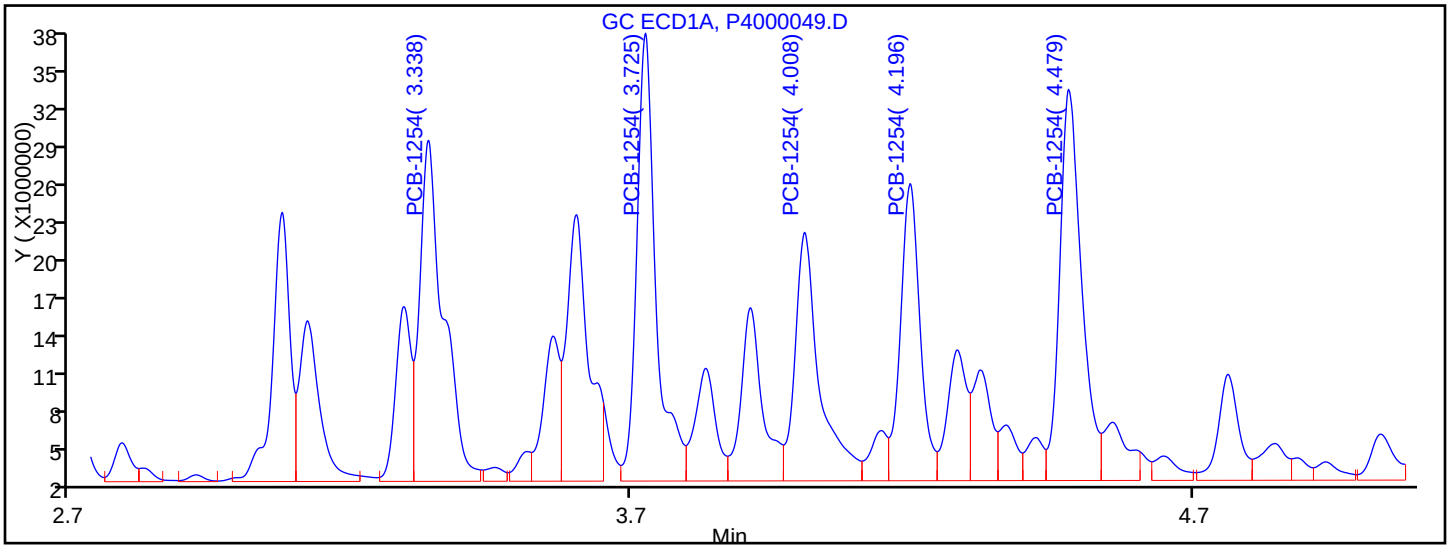
Injection Date:	15-Apr-2013 11:43:08	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	49
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-22804-1

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.: 240-22804-1

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

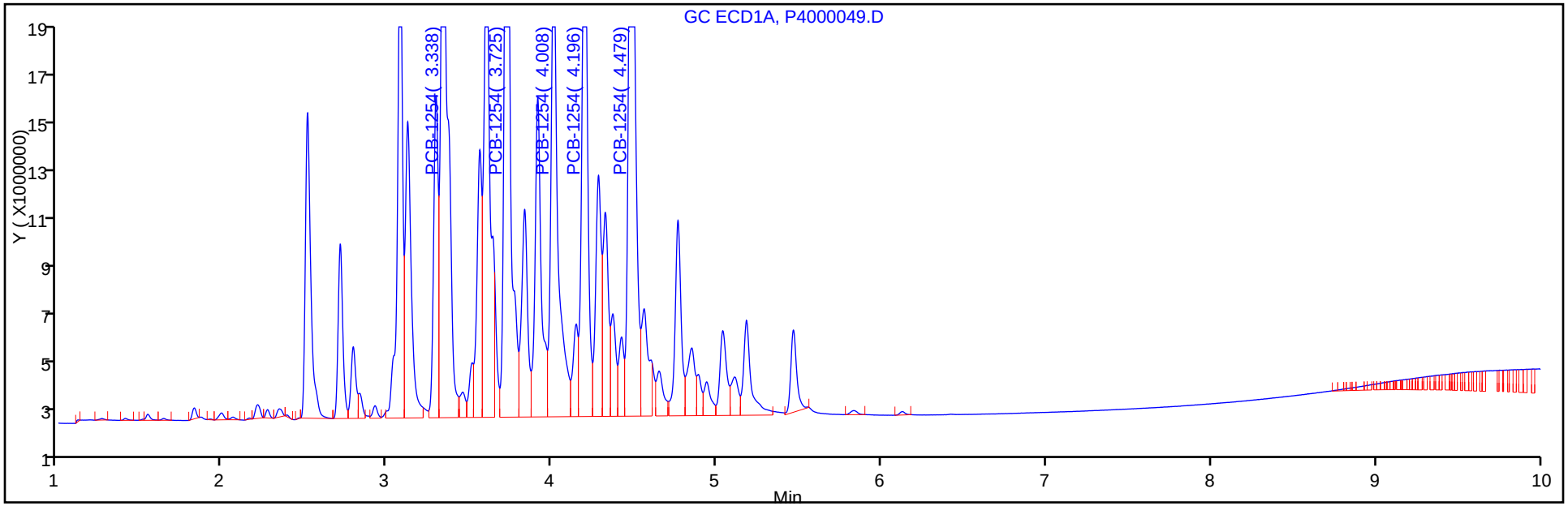
Report Date: 15-Apr-2013 13:05:49 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

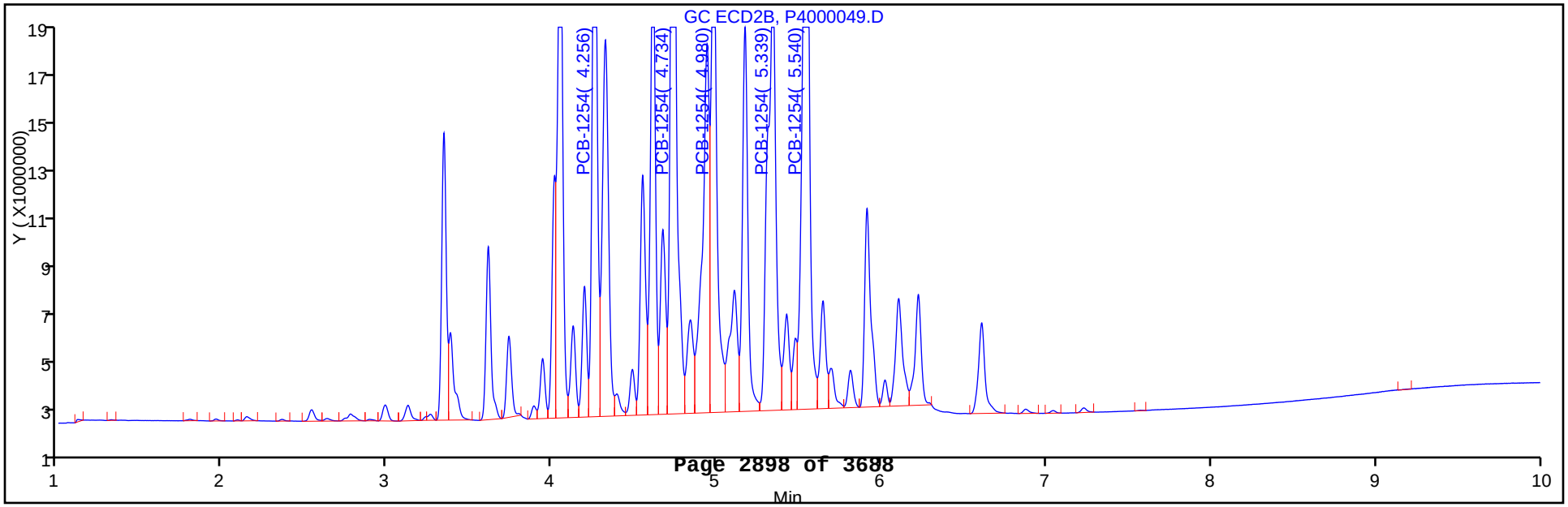
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000049.D

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.: 240-22804-1

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.: 240-22804-1

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			

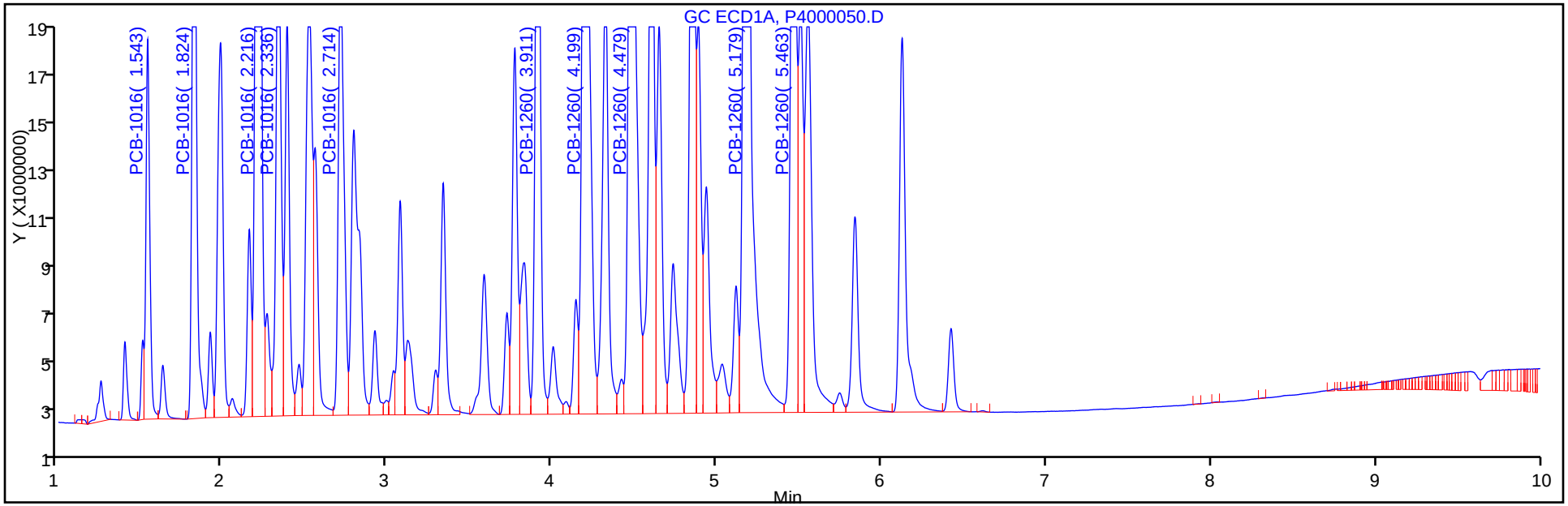
Report Date: 15-Apr-2013 13:05:52 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

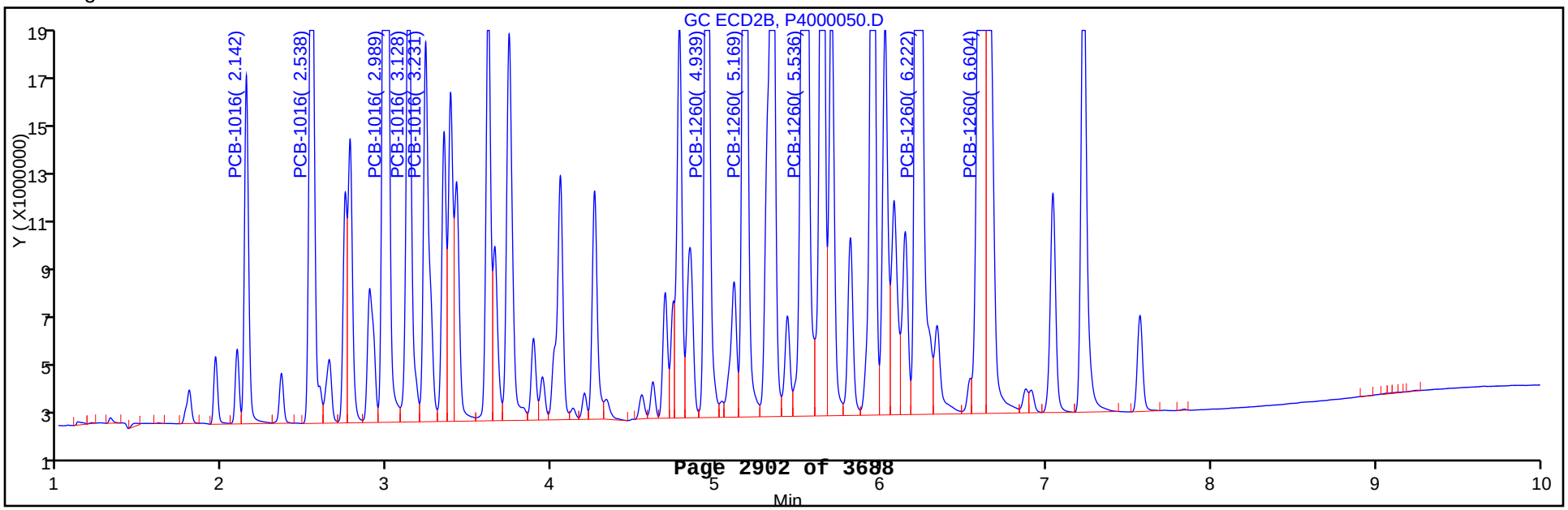
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000050.D

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.: 240-22804-1

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.: 240-22804-1

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			

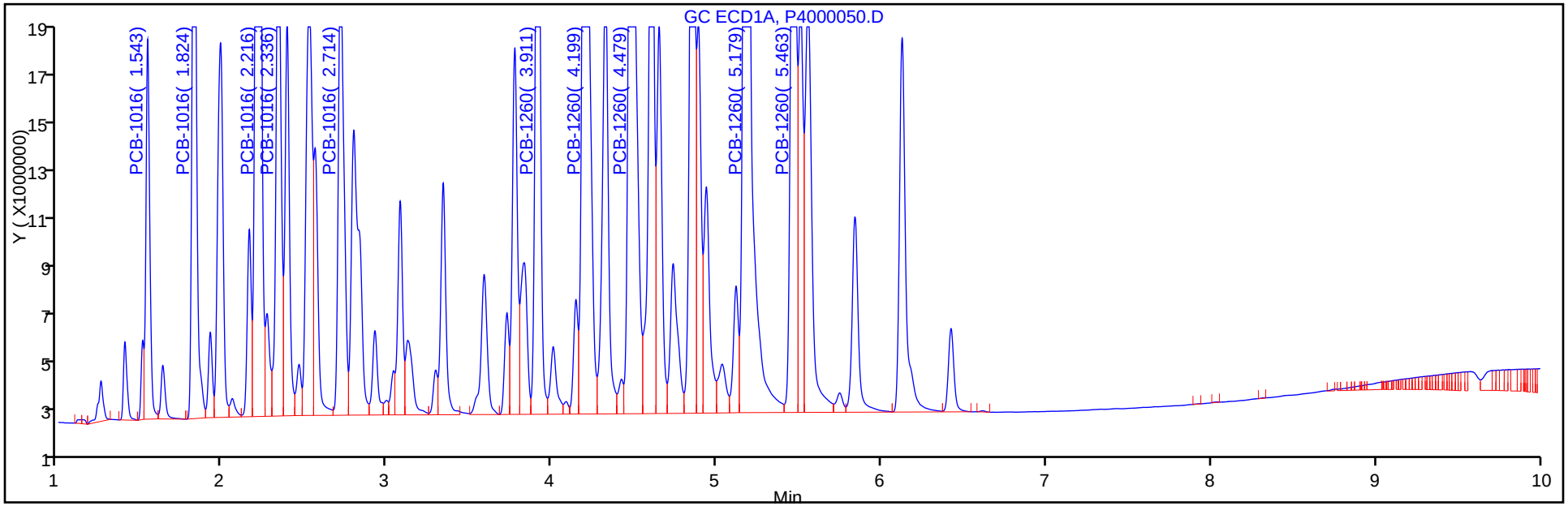
Report Date: 15-Apr-2013 13:05:53 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

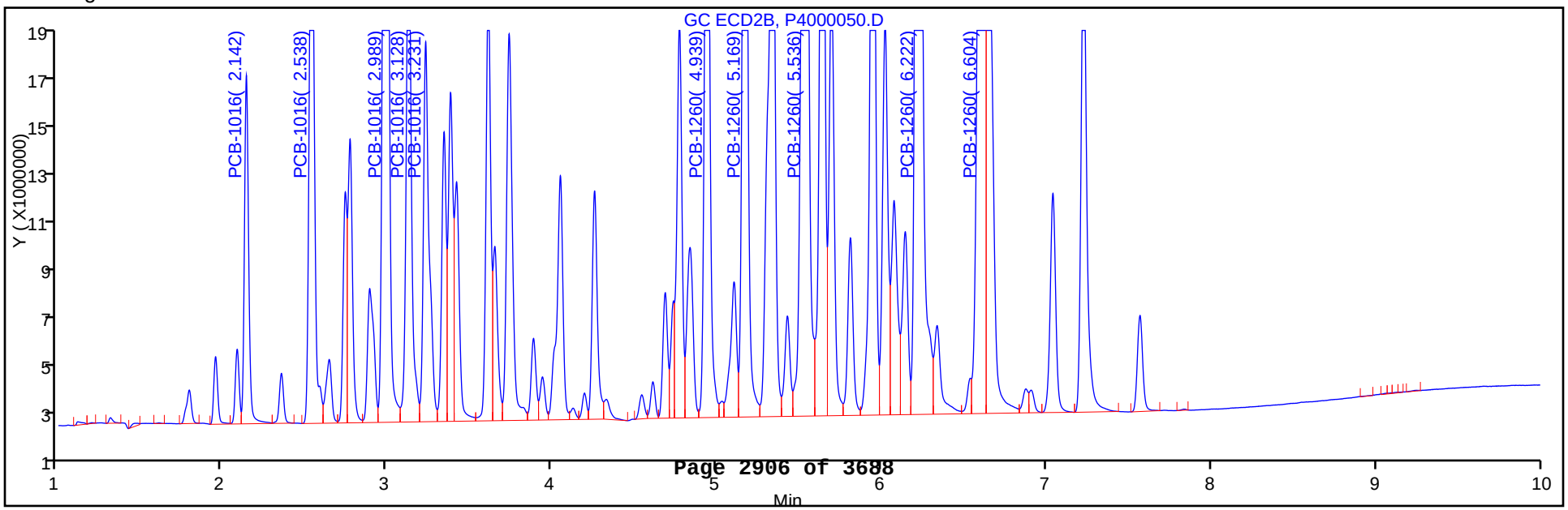
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000050.D

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.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-81995/3 Calibration Date: 04/15/2013 14:14

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	27187366		0.501	0.500	0.2	20.0
PCB-1016 Peak 2	Ave	48967138	49857666		0.509	0.500	1.8	20.0
PCB-1016 Peak 3	Ave	93440084	99155078		0.531	0.500	6.1	20.0
PCB-1016 Peak 4	Ave	41962283	43978612		0.524	0.500	4.8	20.0
PCB-1016 Peak 5	Ave	42399034	44032548		0.519	0.500	3.9	20.0
PCB-1260 Peak 1	Ave	62400345	65346486		0.524	0.500	4.7	20.0
PCB-1260 Peak 2	Ave	110128120	115581612		0.525	0.500	5.0	20.0
PCB-1260 Peak 3	Ave	107668512	114476782		0.532	0.500	6.3	20.0
PCB-1260 Peak 4	Ave	129376197	140335594		0.542	0.500	8.5	20.0
PCB-1260 Peak 5	Ave	58244642	63378554		0.544	0.500	8.8	20.0
Tetrachloro-m-xylene	Ave	1583607317	1655495760		0.0261	0.0250	4.5	20.0
DCB Decachlorobiphenyl	Ave	1335217125	1395407560		0.0261	0.0250	4.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-81995/3 Calibration Date: 04/15/2013 14:14

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	1.54	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
Tetrachloro-m-xylene	1.27	1.17	1.37
DCB Decachlorobiphenyl	6.62	6.52	6.72

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130415-18879.b\P4000003.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 15-Apr-2013 14:14:55 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0018879-003
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 3
Lims Batch ID: 81995 Lims Sample ID: 3
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130415-18879.b\PCB4.m
Last Update: 16-Apr-2013 08:56:51 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: XAWRK021

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.273	1.273	0.000	41387394	0.0261			
2	2	1.679	1.679	0.000	41559803	0.0263			
						RPD = 0.78			
6 PCB-1016									
1	100	1.542	1.542	0.000	13593683	0.5009		100.0	
1	2	1.824	1.824	0.000	24928833	0.5091	156.0- 206.0	183.4	
1	3	2.215	2.215	0.000	49577539	0.5306	312.4- 362.4	364.7	
1	4	2.335	2.335	0.000	21989306	0.5240	118.7- 188.7	161.8	
1	5	2.714	2.714	0.000	22016274	0.5193	125.6- 175.6	162.0	
			Average of Peak Amounts =			0.5168			
2	6	2.140	2.140	0.000	13197521	0.5146		100.0	
2	7	2.536	2.536	0.000	26367071	0.5193	169.6- 229.6	199.8	
2	8	2.987	2.987	0.000	53157351	0.5349	351.4- 411.4	402.8	
2	9	3.126	3.126	0.000	23210432	0.5273	141.3- 201.3	175.9	
2	10	3.229	3.229	0.000	18349921	0.5357	102.5- 162.5	139.0	
			Average of Peak Amounts =			0.5264			
						RPD = 1.84			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.912	3.912	0.000	32673243	0.5236		100.0	
1	2	4.198	4.198	0.000	57790806	0.5248	152.2- 202.2	176.9	
1	3	4.479	4.479	0.000	57238391	0.5316	146.4- 196.4	175.2	
1	4	5.179	5.179	0.000	70167797	0.5424	180.7- 230.7	214.8	
1	5	5.463	5.463	0.000	31689277	0.5441	64.1- 114.1	97.0	
			Average of Peak Amounts =			0.5333			
2	6	4.939	4.939	0.000	36989949	0.5378		100.0	
2	7	5.169	5.169	0.000	42834277	0.5366	87.6- 147.6	115.8	
2	8	5.538	5.538	0.000	63467663	0.5371	144.7- 204.7	171.6	
2	9	6.222	6.222	0.000	78859688	0.5408	187.7- 247.7	213.2	
2	10	6.604	6.604	0.000	53169822	0.5501	115.0- 175.0	143.7	
			Average of Peak Amounts =			0.5405			
						RPD = 1.34			
$ 12 DCB Decachlorobiphenyl									
1	100	6.615	6.615	0.000	34885189	0.0261			
2	2	7.838	7.838	0.000	37681567	0.0259			
						RPD = 0.99			

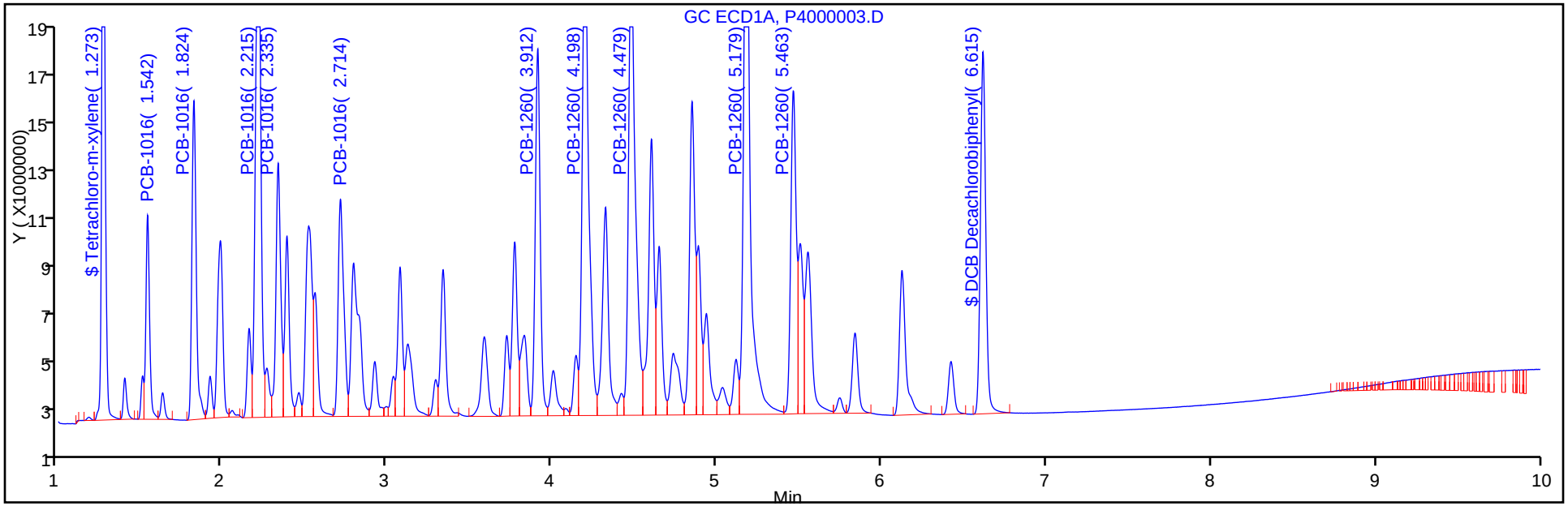
Report Date: 16-Apr-2013 08:56:52 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

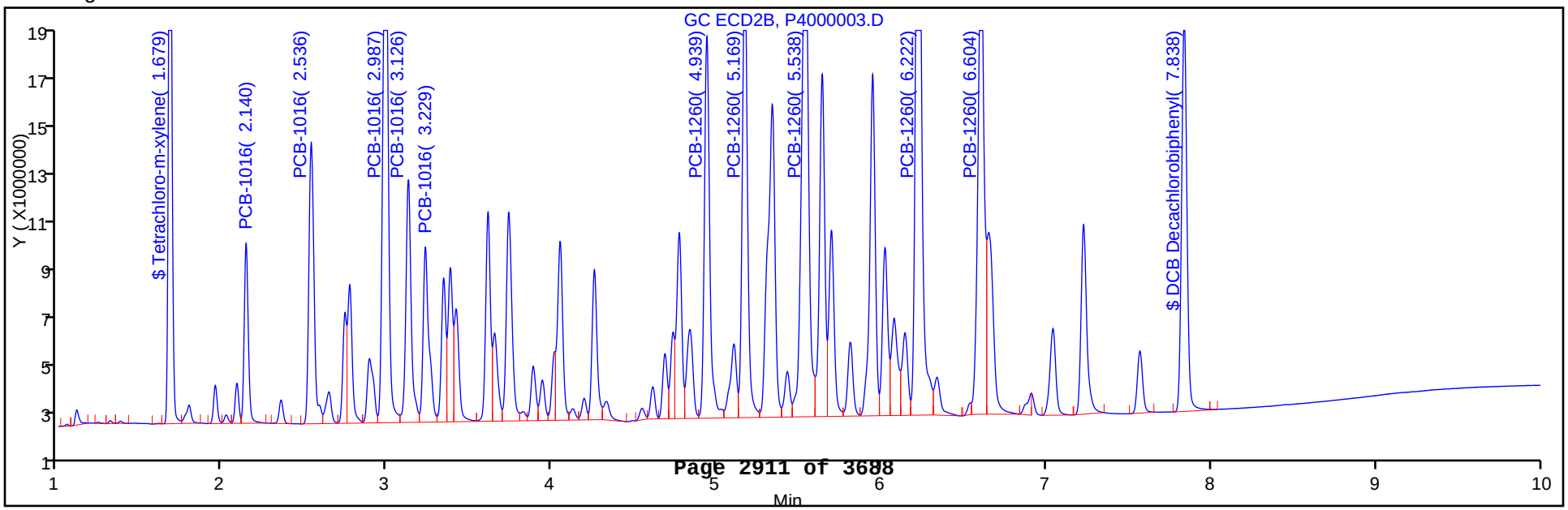
Data File: \\Ncchrom\ChromData\A2HP4\20130415-18879.b\P4000003.D

Injection Date:	15-Apr-2013 14:14:55	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81995	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.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-81995/3 Calibration Date: 04/15/2013 14:14

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	26395042		0.515	0.500	2.9	20.0
PCB-1016 Peak 2	Ave	50771162	52734142		0.519	0.500	3.9	20.0
PCB-1016 Peak 3	Ave	99379492	106314702		0.535	0.500	7.0	20.0
PCB-1016 Peak 4	Ave	44018240	46420864		0.527	0.500	5.5	20.0
PCB-1016 Peak 5	Ave	34251515	36699842		0.536	0.500	7.1	20.0
PCB-1260 Peak 1	Ave	68786213	73979898		0.538	0.500	7.6	20.0
PCB-1260 Peak 2	Ave	79832052	85668554		0.537	0.500	7.3	20.0
PCB-1260 Peak 3	Ave	118169923	126935326		0.537	0.500	7.4	20.0
PCB-1260 Peak 4	Ave	145808797	157719376		0.541	0.500	8.2	20.0
PCB-1260 Peak 5	Ave	96662928	106339644		0.550	0.500	10.0	20.0
Tetrachloro-m-xylene	Ave	1577823383	1662392120		0.0263	0.0250	5.4	20.0
DCB Decachlorobiphenyl	Ave	1456619055	1507262680		0.0259	0.0250	3.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-81995/3 Calibration Date: 04/15/2013 14:14

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	2.14	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
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\20130415-18879.b\P4000003.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 15-Apr-2013 14:14:55 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0018879-003
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 3
Lims Batch ID: 81995 Lims Sample ID: 3
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130415-18879.b\PCB4.m
Last Update: 16-Apr-2013 08:56:51 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: XAWRK021

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.273	1.273	0.000	41387394	0.0261			
2	2	1.679	1.679	0.000	41559803	0.0263			
						RPD = 0.78			
6 PCB-1016									
1	100	1.542	1.542	0.000	13593683	0.5009		100.0	
1	2	1.824	1.824	0.000	24928833	0.5091	156.0- 206.0	183.4	
1	3	2.215	2.215	0.000	49577539	0.5306	312.4- 362.4	364.7	
1	4	2.335	2.335	0.000	21989306	0.5240	118.7- 188.7	161.8	
1	5	2.714	2.714	0.000	22016274	0.5193	125.6- 175.6	162.0	
			Average of Peak Amounts =			0.5168			
2	6	2.140	2.140	0.000	13197521	0.5146		100.0	
2	7	2.536	2.536	0.000	26367071	0.5193	169.6- 229.6	199.8	
2	8	2.987	2.987	0.000	53157351	0.5349	351.4- 411.4	402.8	
2	9	3.126	3.126	0.000	23210432	0.5273	141.3- 201.3	175.9	
2	10	3.229	3.229	0.000	18349921	0.5357	102.5- 162.5	139.0	
			Average of Peak Amounts =			0.5264			
						RPD = 1.84			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.912	3.912	0.000	32673243	0.5236		100.0	
1	2	4.198	4.198	0.000	57790806	0.5248	152.2- 202.2	176.9	
1	3	4.479	4.479	0.000	57238391	0.5316	146.4- 196.4	175.2	
1	4	5.179	5.179	0.000	70167797	0.5424	180.7- 230.7	214.8	
1	5	5.463	5.463	0.000	31689277	0.5441	64.1- 114.1	97.0	
			Average of Peak Amounts =			0.5333			
2	6	4.939	4.939	0.000	36989949	0.5378		100.0	
2	7	5.169	5.169	0.000	42834277	0.5366	87.6- 147.6	115.8	
2	8	5.538	5.538	0.000	63467663	0.5371	144.7- 204.7	171.6	
2	9	6.222	6.222	0.000	78859688	0.5408	187.7- 247.7	213.2	
2	10	6.604	6.604	0.000	53169822	0.5501	115.0- 175.0	143.7	
			Average of Peak Amounts =			0.5405			
						RPD = 1.34			
$ 12 DCB Decachlorobiphenyl									
1	100	6.615	6.615	0.000	34885189	0.0261			
2	2	7.838	7.838	0.000	37681567	0.0259			
						RPD = 0.99			

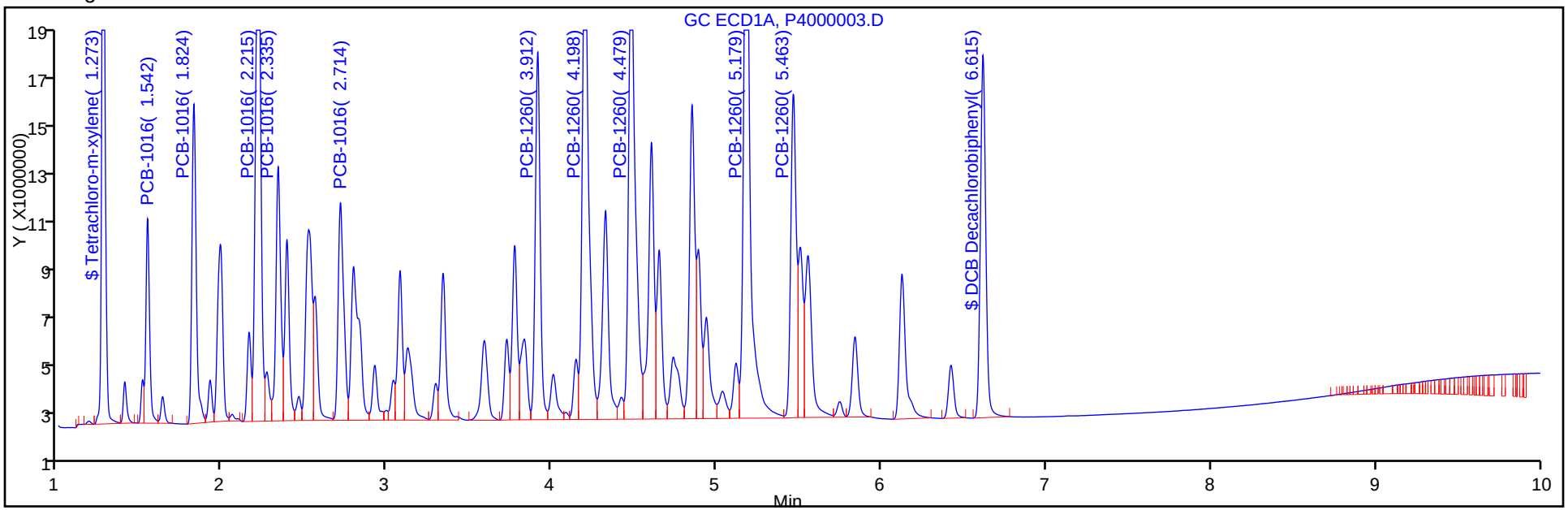
Report Date: 16-Apr-2013 08:56:53 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

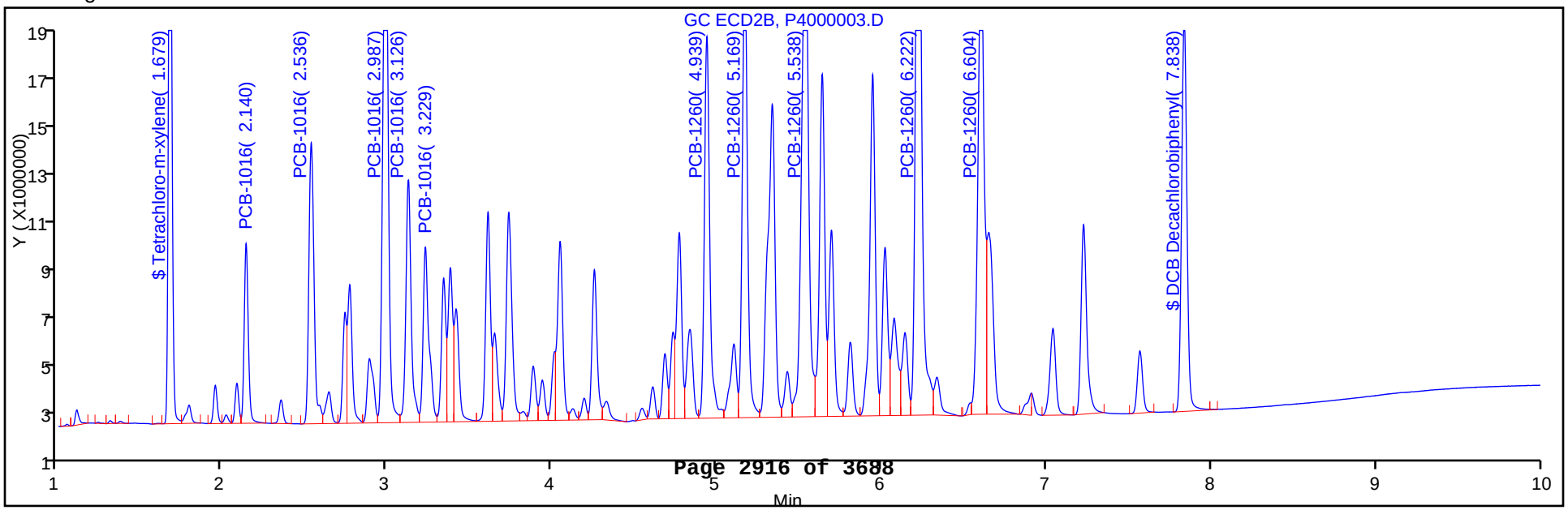
Data File: \\Ncchrom\ChromData\A2HP4\20130415-18879.b\P4000003.D

Injection Date:	15-Apr-2013 14:14:55	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81995	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.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-81995/16 Calibration Date: 04/15/2013 17:38

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: P4000016.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	27522466		0.507	0.500	1.4	20.0
PCB-1016 Peak 2	Ave	48967138	50374398		0.514	0.500	2.9	20.0
PCB-1016 Peak 3	Ave	93440084	102597424		0.549	0.500	9.8	20.0
PCB-1016 Peak 4	Ave	41962283	44968084		0.536	0.500	7.2	20.0
PCB-1016 Peak 5	Ave	42399034	43605608		0.514	0.500	2.8	20.0
PCB-1260 Peak 1	Ave	62400345	65668332		0.526	0.500	5.2	20.0
PCB-1260 Peak 2	Ave	110128120	118025590		0.536	0.500	7.2	20.0
PCB-1260 Peak 3	Ave	107668512	118225238		0.549	0.500	9.8	20.0
PCB-1260 Peak 4	Ave	129376197	145524708		0.562	0.500	12.5	20.0
PCB-1260 Peak 5	Ave	58244642	68136326		0.585	0.500	17.0	20.0
Tetrachloro-m-xylene	Ave	1583607317	1671156440		0.0264	0.0250	5.5	20.0
DCB Decachlorobiphenyl	Ave	1335217125	1475358240		0.0276	0.0250	10.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-81995/16 Calibration Date: 04/15/2013 17:38

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: P4000016.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	1.54	1.44	1.64
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	3.91	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	5.47	5.37	5.57
Tetrachloro-m-xylene	1.27	1.17	1.37
DCB Decachlorobiphenyl	6.62	6.52	6.72

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130415-18879.b\P4000016.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 15-Apr-2013 17:38:59 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0018879-016
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 16
Lims Batch ID: 81995 Lims Sample ID: 16
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130415-18879.b\PCB4.m
Last Update: 16-Apr-2013 08:56:47 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: XAWRK021

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.274	1.274	0.000	41778911	0.0264			
2	2	1.681	1.681	0.000	39685182	0.0252			
						RPD = 4.77			
6 PCB-1016									
1	100	1.543	1.543	0.000	13761233	0.5071		100.0	
1	2	1.825	1.825	0.000	25187199	0.5144	156.0- 206.0	183.0	
1	3	2.216	2.216	0.000	51298712	0.5490	312.4- 362.4	372.8	
1	4	2.336	2.336	0.000	22484042	0.5358	118.7- 188.7	163.4	
1	5	2.715	2.715	0.000	21802804	0.5142	125.6- 175.6	158.4	
			Average of Peak Amounts =			0.5241			
2	6	2.142	2.142	0.000	12343276	0.4813		100.0	
2	7	2.538	2.538	0.000	25026076	0.4929	169.6- 229.6	202.8	
2	8	2.990	2.990	0.000	52495037	0.5282	351.4- 411.4	425.3	
2	9	3.128	3.128	0.000	22546330	0.5122	141.3- 201.3	182.7	
2	10	3.231	3.231	0.000	17836977	0.5208	102.5- 162.5	144.5	
			Average of Peak Amounts =			0.5071			
						RPD = 3.30			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.913	3.913	0.000	32834166	0.5262		100.0	
1	2	4.200	4.200	0.000	59012795	0.5359	152.2- 202.2	179.7	
1	3	4.480	4.480	0.000	59112619	0.5490	146.4- 196.4	180.0	
1	4	5.179	5.179	0.000	72762354	0.5624	180.7- 230.7	221.6	
1	5	5.465	5.465	0.000	34068163	0.5849	64.1- 114.1	103.8	
			Average of Peak Amounts =			0.5517			
2	6	4.941	4.941	0.000	36508936	0.5308		100.0	
2	7	5.171	5.171	0.000	42545362	0.5329	87.6- 147.6	116.5	
2	8	5.538	5.538	0.000	62343762	0.5276	144.7- 204.7	170.8	
2	9	6.223	6.223	0.000	78627490	0.5393	187.7- 247.7	215.4	
2	10	6.605	6.605	0.000	52755430	0.5458	115.0- 175.0	144.5	
			Average of Peak Amounts =			0.5353			
						RPD = 3.02			
$ 12 DCB Decachlorobiphenyl									
1	100	6.616	6.616	0.000	36883956	0.0276			
2	2	7.839	7.839	0.000	36416562	0.0250			
						RPD = 9.97			

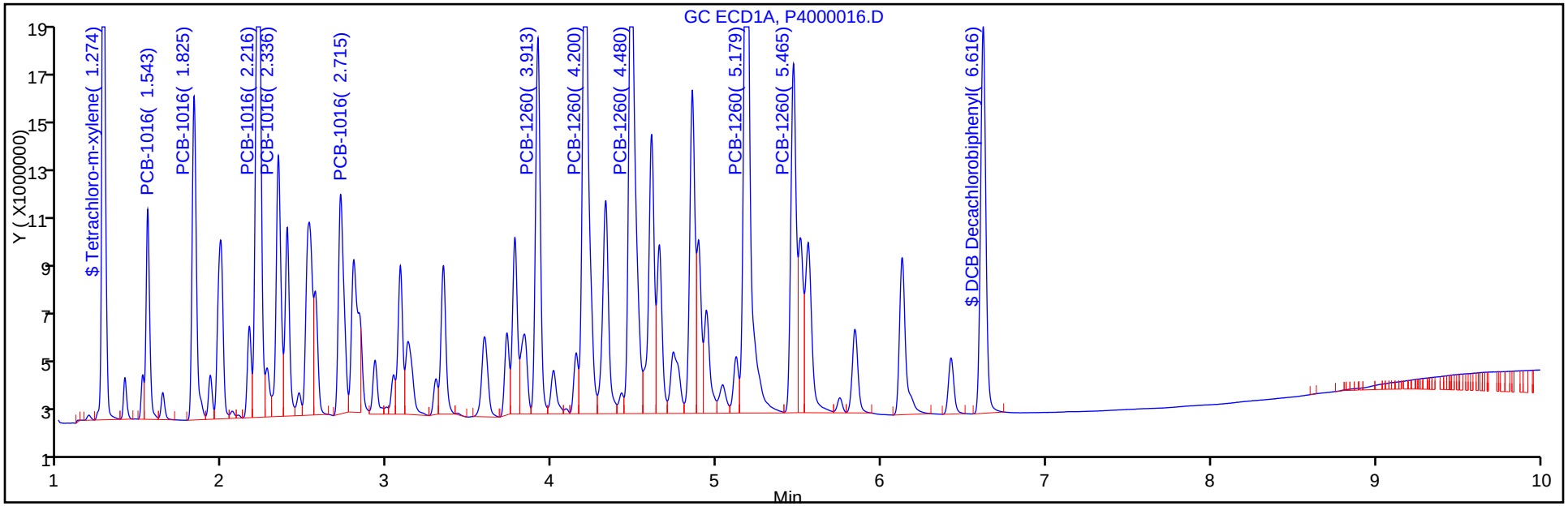
Report Date: 16-Apr-2013 08:56:48 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

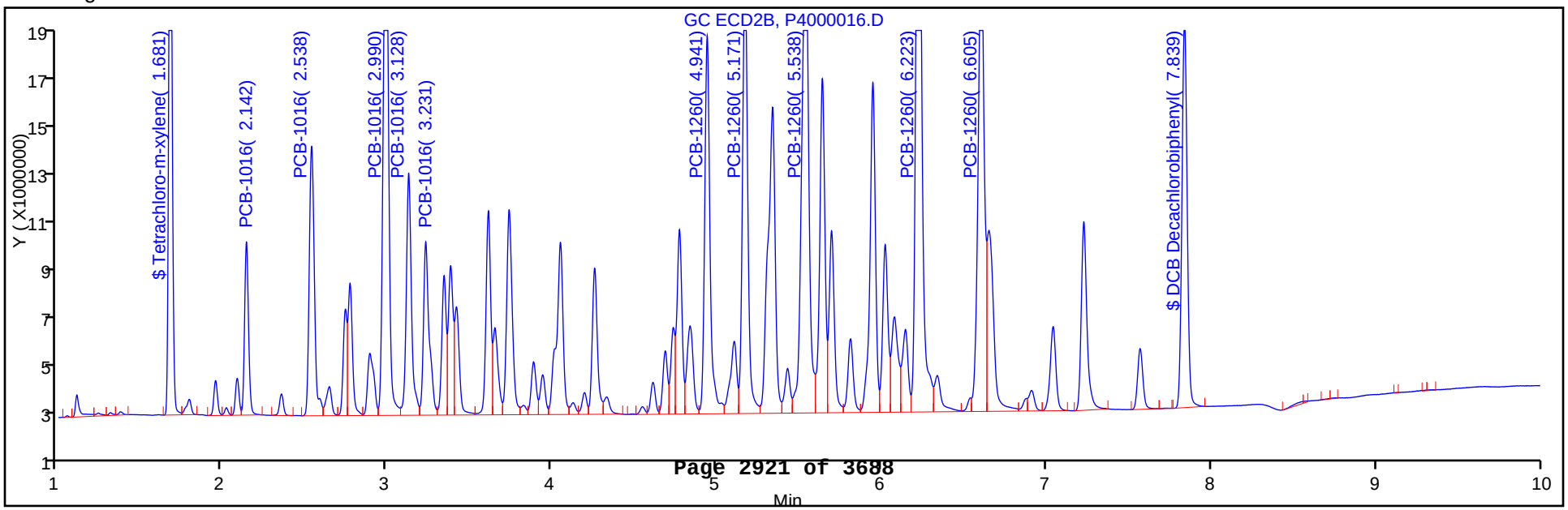
Data File: \\Ncchrom\ChromData\A2HP4\20130415-18879.b\P4000016.D

Injection Date:	15-Apr-2013 17:38:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81995	Lims Sample ID:	16
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.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-81995/16 Calibration Date: 04/15/2013 17:38

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: P4000016.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	24686552		0.481	0.500	-3.7	20.0
PCB-1016 Peak 2	Ave	50771162	50052152		0.493	0.500	-1.4	20.0
PCB-1016 Peak 3	Ave	99379492	104990074		0.528	0.500	5.6	20.0
PCB-1016 Peak 4	Ave	44018240	45092660		0.512	0.500	2.4	20.0
PCB-1016 Peak 5	Ave	34251515	35673954		0.521	0.500	4.2	20.0
PCB-1260 Peak 1	Ave	68786213	73017872		0.531	0.500	6.2	20.0
PCB-1260 Peak 2	Ave	79832052	85090724		0.533	0.500	6.6	20.0
PCB-1260 Peak 3	Ave	118169923	124687524		0.528	0.500	5.5	20.0
PCB-1260 Peak 4	Ave	145808797	157254980		0.539	0.500	7.9	20.0
PCB-1260 Peak 5	Ave	96662928	105510860		0.546	0.500	9.2	20.0
Tetrachloro-m-xylene	Ave	1577823383	1587407280		0.0252	0.0250	0.6	20.0
DCB Decachlorobiphenyl	Ave	1456619055	1456662480		0.0250	0.0250	0.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-81995/16 Calibration Date: 04/15/2013 17:38

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: P4000016.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	6.61	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\20130415-18879.b\P4000016.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 15-Apr-2013 17:38:59 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0018879-016
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 16
Lims Batch ID: 81995 Lims Sample ID: 16
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130415-18879.b\PCB4.m
Last Update: 16-Apr-2013 08:56:47 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: XAWRK021

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.274	1.274	0.000	41778911	0.0264			
2	2	1.681	1.681	0.000	39685182	0.0252			
						RPD = 4.77			
6 PCB-1016									
1	100	1.543	1.543	0.000	13761233	0.5071		100.0	
1	2	1.825	1.825	0.000	25187199	0.5144	156.0- 206.0	183.0	
1	3	2.216	2.216	0.000	51298712	0.5490	312.4- 362.4	372.8	
1	4	2.336	2.336	0.000	22484042	0.5358	118.7- 188.7	163.4	
1	5	2.715	2.715	0.000	21802804	0.5142	125.6- 175.6	158.4	
			Average of Peak Amounts =			0.5241			
2	6	2.142	2.142	0.000	12343276	0.4813		100.0	
2	7	2.538	2.538	0.000	25026076	0.4929	169.6- 229.6	202.8	
2	8	2.990	2.990	0.000	52495037	0.5282	351.4- 411.4	425.3	
2	9	3.128	3.128	0.000	22546330	0.5122	141.3- 201.3	182.7	
2	10	3.231	3.231	0.000	17836977	0.5208	102.5- 162.5	144.5	
			Average of Peak Amounts =			0.5071			
						RPD = 3.30			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.913	3.913	0.000	32834166	0.5262		100.0	
1	2	4.200	4.200	0.000	59012795	0.5359	152.2- 202.2	179.7	
1	3	4.480	4.480	0.000	59112619	0.5490	146.4- 196.4	180.0	
1	4	5.179	5.179	0.000	72762354	0.5624	180.7- 230.7	221.6	
1	5	5.465	5.465	0.000	34068163	0.5849	64.1- 114.1	103.8	
			Average of Peak Amounts =			0.5517			
2	6	4.941	4.941	0.000	36508936	0.5308		100.0	
2	7	5.171	5.171	0.000	42545362	0.5329	87.6- 147.6	116.5	
2	8	5.538	5.538	0.000	62343762	0.5276	144.7- 204.7	170.8	
2	9	6.223	6.223	0.000	78627490	0.5393	187.7- 247.7	215.4	
2	10	6.605	6.605	0.000	52755430	0.5458	115.0- 175.0	144.5	
			Average of Peak Amounts =			0.5353			
						RPD = 3.02			
$ 12 DCB Decachlorobiphenyl									
1	100	6.616	6.616	0.000	36883956	0.0276			
2	2	7.839	7.839	0.000	36416562	0.0250			
						RPD = 9.97			

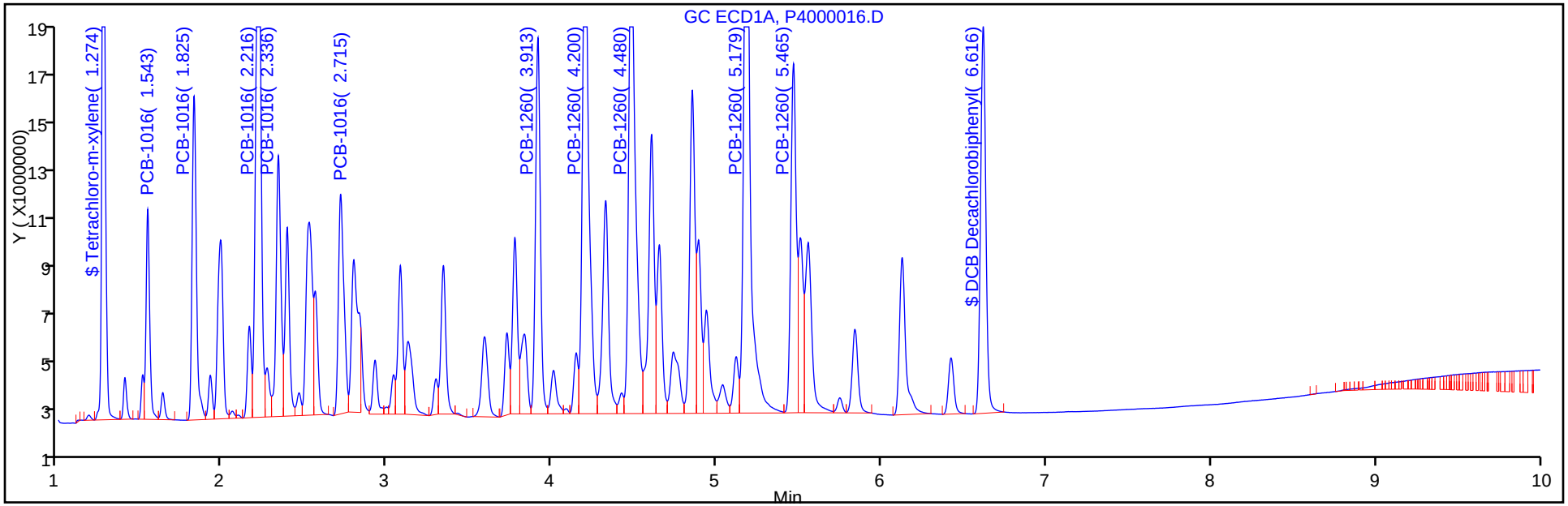
Report Date: 16-Apr-2013 08:56:49 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

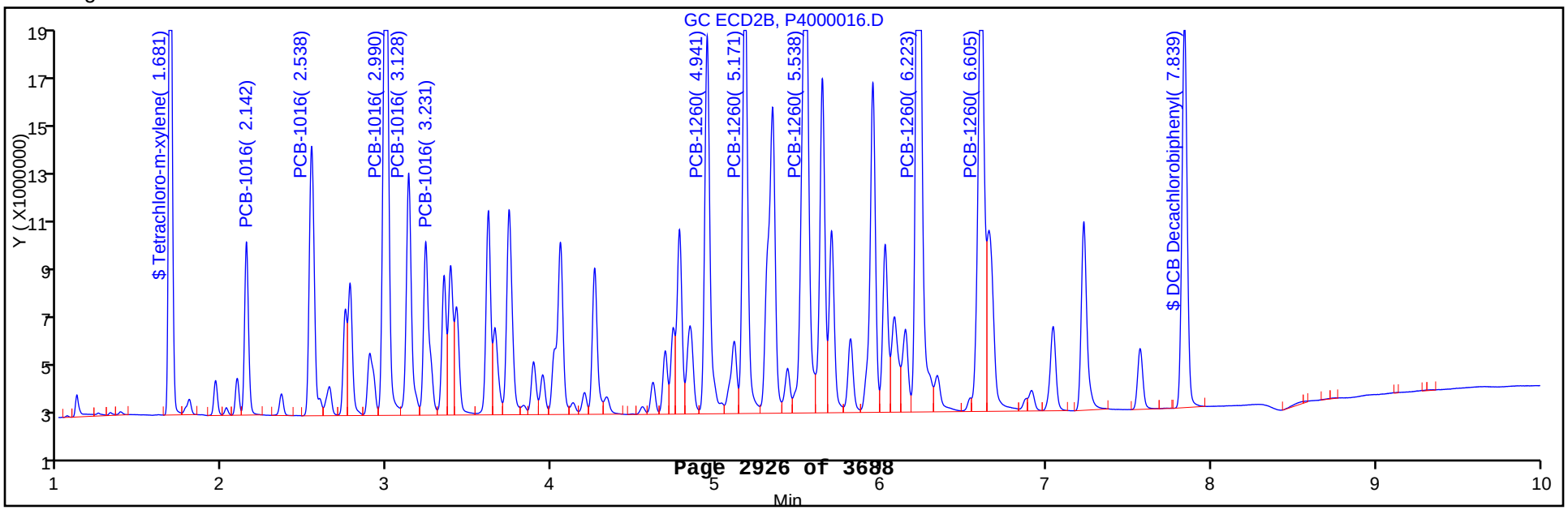
Data File: \\Ncchrom\ChromData\A2HP4\20130415-18879.b\P4000016.D

Injection Date:	15-Apr-2013 17:38:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81995	Lims Sample ID:	16
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.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82363/3 Calibration Date: 04/18/2013 09:37

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	24352736		0.449	0.500	-10.3	20.0
PCB-1016 Peak 2	Ave	48967138	41162660		0.420	0.500	-15.9	20.0
PCB-1016 Peak 3	Ave	93440084	81178842		0.434	0.500	-13.1	20.0
PCB-1016 Peak 4	Ave	41962283	32597866		0.388	0.500	-22.3*	20.0
PCB-1016 Peak 5	Ave	42399034	36388474		0.429	0.500	-14.2	20.0
PCB-1260 Peak 1	Ave	62400345	56292882		0.451	0.500	-9.8	20.0
PCB-1260 Peak 2	Ave	110128120	103463764		0.470	0.500	-6.1	20.0
PCB-1260 Peak 3	Ave	107668512	104047250		0.483	0.500	-3.4	20.0
PCB-1260 Peak 4	Ave	129376197	128852720		0.498	0.500	-0.4	20.0
PCB-1260 Peak 5	Ave	58244642	60156072		0.516	0.500	3.3	20.0
Tetrachloro-m-xylene	Ave	1583607317	1443434520		0.0228	0.0250	-8.9	20.0
DCB Decachlorobiphenyl	Ave	1335217125	1370135280		0.0257	0.0250	2.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82363/3 Calibration Date: 04/18/2013 09:37

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\20130417-18971.b\P4000003.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 18-Apr-2013 09:37:23 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0018971-003
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 3
Lims Batch ID: 82363 Lims Sample ID: 3
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\PCB4.m
Last Update: 19-Apr-2013 14:47:59 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	1.276	1.276	0.000	36085863	0.0228			
2	2	1.682	1.682	0.000	34192106	0.0217			
						RPD = 5.02			
6 PCB-1016									
1	100	1.545	1.545	0.000	12176368	0.4487		100.0	
1	2	1.827	1.827	0.000	20581330	0.4203	156.0- 206.0	169.0	
1	3	2.221	2.221	0.000	40589421	0.4344	312.4- 362.4	333.3	
1	4	2.340	2.340	0.000	16298933	0.3884	118.7- 188.7	133.9	
1	5	2.717	2.717	0.000	18194237	0.4291	125.6- 175.6	149.4	
			Average of Peak Amounts =			0.4242			
2	6	2.145	2.145	0.000	10765563	0.4197		100.0	
2	7	2.541	2.541	0.000	21797841	0.4293	169.6- 229.6	202.5	
2	8	2.992	2.992	0.000	45365829	0.4565	351.4- 411.4	421.4	
2	9	3.131	3.131	0.000	19396844	0.4407	141.3- 201.3	180.2	
2	10	3.234	3.234	0.000	15143219	0.4421	102.5- 162.5	140.7	
			Average of Peak Amounts =			0.4377			
						RPD = 3.13			

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	28146441	0.4511		100.0	
1	2	4.201	4.201	0.000	51731882	0.4697	152.2- 202.2	183.8	
1	3	4.482	4.482	0.000	52023625	0.4832	146.4- 196.4	184.8	
1	4	5.182	5.182	0.000	64426360	0.4980	180.7- 230.7	228.9	
1	5	5.467	5.467	0.000	30078036	0.5164	64.1- 114.1	106.9	
			Average of Peak Amounts =			0.4837			
2	6	4.943	4.943	0.000	31038910	0.4512		100.0	
2	7	5.173	5.173	0.000	37001630	0.4635	87.6- 147.6	119.2	
2	8	5.542	5.542	0.000	55697747	0.4713	144.7- 204.7	179.4	
2	9	6.226	6.226	0.000	71289059	0.4889	187.7- 247.7	229.7	
2	10	6.607	6.607	0.000	48077428	0.4974	115.0- 175.0	154.9	
			Average of Peak Amounts =			0.4745			
						RPD = 1.92			
$ 12 DCB Decachlorobiphenyl									
1	100	6.620	6.620	0.000	34253382	0.0257			
2	2	7.841	7.841	0.000	34939206	0.0240			
						RPD = 6.72			

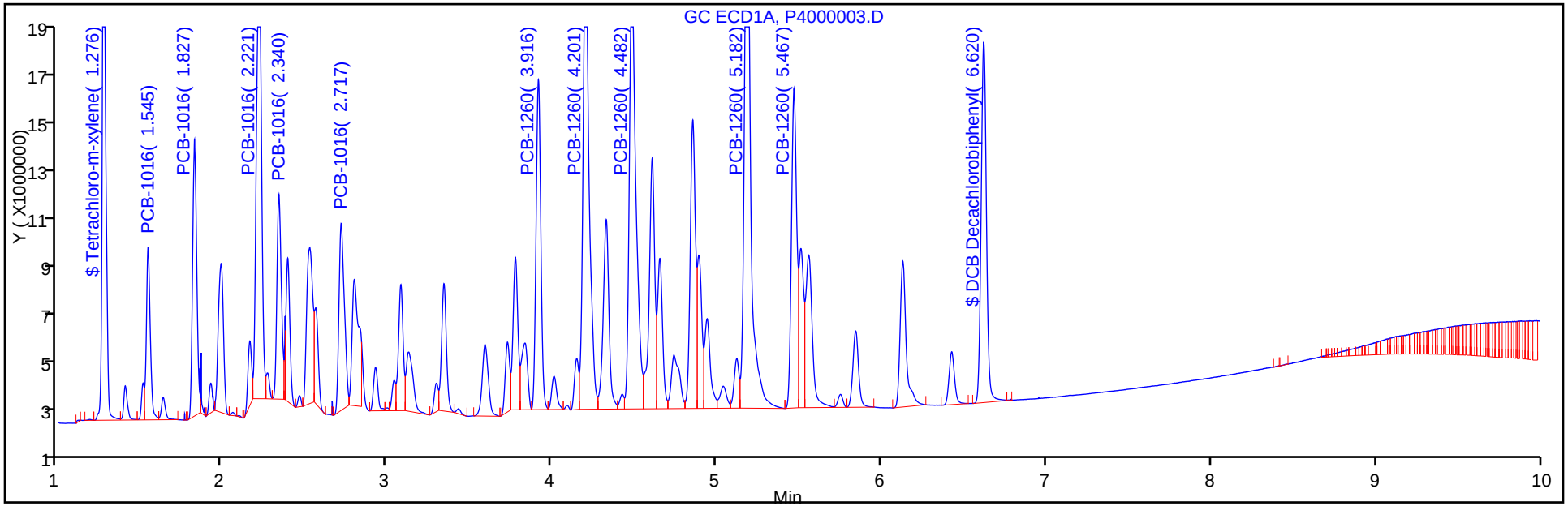
Report Date: 19-Apr-2013 14:47:59 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

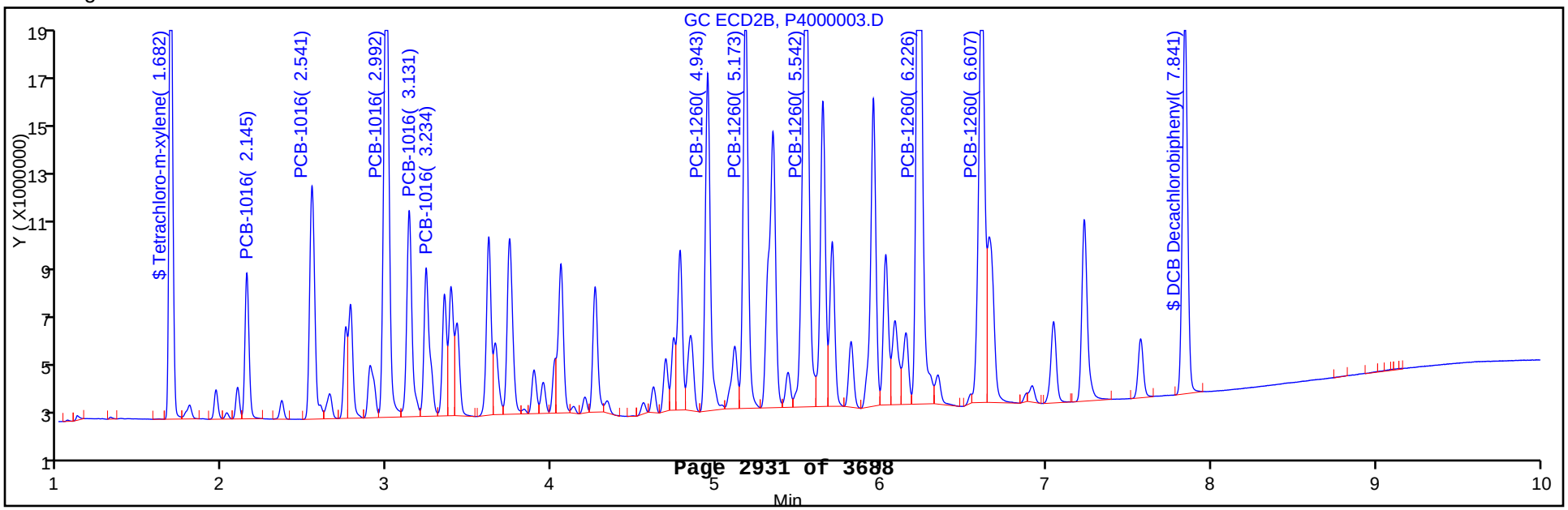
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000003.D

Injection Date:	18-Apr-2013 09:37:23	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82363	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.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82363/3 Calibration Date: 04/18/2013 09:37

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	21531126		0.420	0.500	-16.1	20.0
PCB-1016 Peak 2	Ave	50771162	43595682		0.429	0.500	-14.1	20.0
PCB-1016 Peak 3	Ave	99379492	90731658		0.456	0.500	-8.7	20.0
PCB-1016 Peak 4	Ave	44018240	38793688		0.441	0.500	-11.9	20.0
PCB-1016 Peak 5	Ave	34251515	30286438		0.442	0.500	-11.6	20.0
PCB-1260 Peak 1	Ave	68786213	62077820		0.451	0.500	-9.8	20.0
PCB-1260 Peak 2	Ave	79832052	74003260		0.463	0.500	-7.3	20.0
PCB-1260 Peak 3	Ave	118169923	111395494		0.471	0.500	-5.7	20.0
PCB-1260 Peak 4	Ave	145808797	142578118		0.489	0.500	-2.2	20.0
PCB-1260 Peak 5	Ave	96662928	96154856		0.497	0.500	-0.5	20.0
Tetrachloro-m-xylene	Ave	1577823383	1367684240		0.0217	0.0250	-13.3	20.0
DCB Decachlorobiphenyl	Ave	1456619055	1397568240		0.0240	0.0250	-4.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82363/3 Calibration Date: 04/18/2013 09:37

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	3.23	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	6.23	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\20130417-18971.b\P4000003.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 18-Apr-2013 09:37:23 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0018971-003
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 3
Lims Batch ID: 82363 Lims Sample ID: 3
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\PCB4.m
Last Update: 19-Apr-2013 14:47:59 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	1.276	1.276	0.000	36085863	0.0228			
2	2	1.682	1.682	0.000	34192106	0.0217			
						RPD = 5.02			
6 PCB-1016									
1	100	1.545	1.545	0.000	12176368	0.4487		100.0	
1	2	1.827	1.827	0.000	20581330	0.4203	156.0- 206.0	169.0	
1	3	2.221	2.221	0.000	40589421	0.4344	312.4- 362.4	333.3	
1	4	2.340	2.340	0.000	16298933	0.3884	118.7- 188.7	133.9	
1	5	2.717	2.717	0.000	18194237	0.4291	125.6- 175.6	149.4	
			Average of Peak Amounts =			0.4242			
2	6	2.145	2.145	0.000	10765563	0.4197		100.0	
2	7	2.541	2.541	0.000	21797841	0.4293	169.6- 229.6	202.5	
2	8	2.992	2.992	0.000	45365829	0.4565	351.4- 411.4	421.4	
2	9	3.131	3.131	0.000	19396844	0.4407	141.3- 201.3	180.2	
2	10	3.234	3.234	0.000	15143219	0.4421	102.5- 162.5	140.7	
			Average of Peak Amounts =			0.4377			
						RPD = 3.13			

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	28146441	0.4511		100.0	
1	2	4.201	4.201	0.000	51731882	0.4697	152.2- 202.2	183.8	
1	3	4.482	4.482	0.000	52023625	0.4832	146.4- 196.4	184.8	
1	4	5.182	5.182	0.000	64426360	0.4980	180.7- 230.7	228.9	
1	5	5.467	5.467	0.000	30078036	0.5164	64.1- 114.1	106.9	
			Average of Peak Amounts =			0.4837			
2	6	4.943	4.943	0.000	31038910	0.4512		100.0	
2	7	5.173	5.173	0.000	37001630	0.4635	87.6- 147.6	119.2	
2	8	5.542	5.542	0.000	55697747	0.4713	144.7- 204.7	179.4	
2	9	6.226	6.226	0.000	71289059	0.4889	187.7- 247.7	229.7	
2	10	6.607	6.607	0.000	48077428	0.4974	115.0- 175.0	154.9	
			Average of Peak Amounts =			0.4745			
						RPD = 1.92			
$ 12 DCB Decachlorobiphenyl									
1	100	6.620	6.620	0.000	34253382	0.0257			
2	2	7.841	7.841	0.000	34939206	0.0240			
						RPD = 6.72			

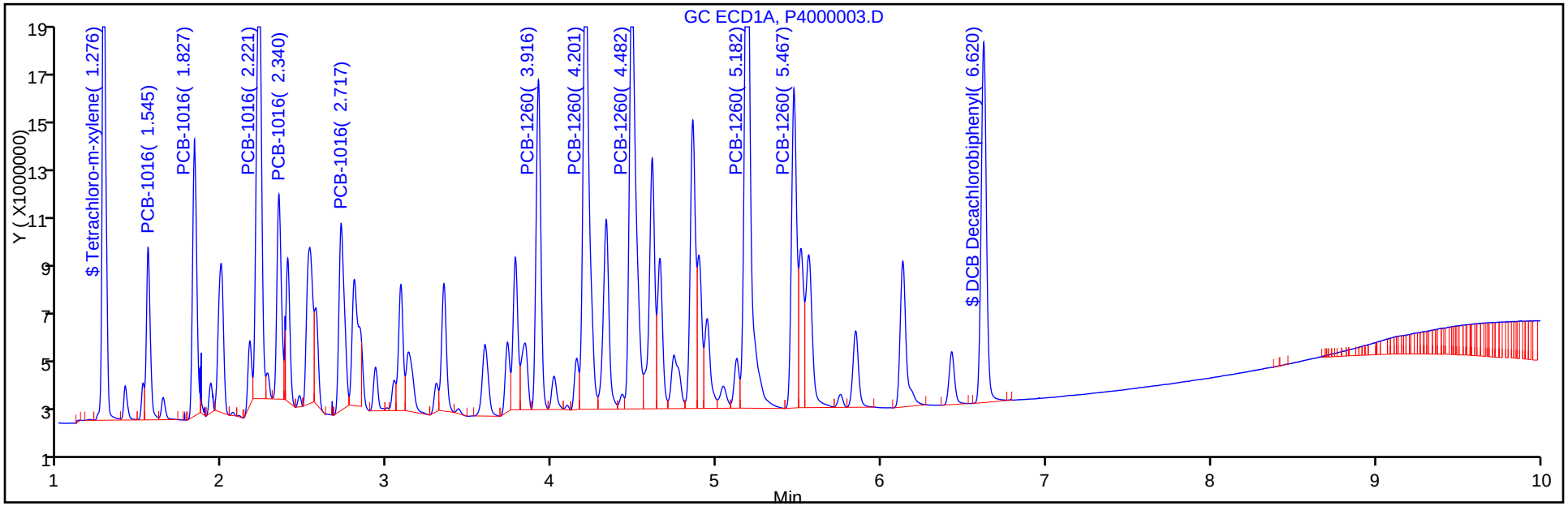
Report Date: 19-Apr-2013 14:48:00 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

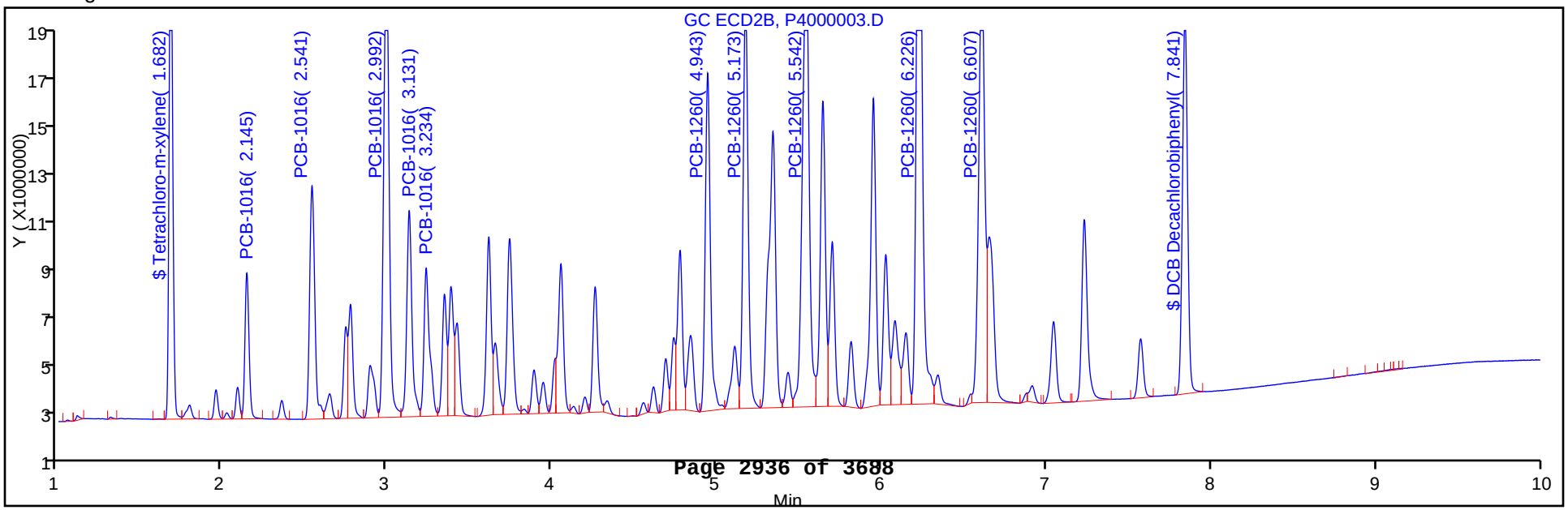
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000003.D

Injection Date:	18-Apr-2013 09:37:23	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82363	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.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82363/14 Calibration Date: 04/18/2013 12:29

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: P4000014.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	25776942		0.475	0.500	-5.0	20.0
PCB-1016 Peak 2	Ave	48967138	47662788		0.487	0.500	-2.7	20.0
PCB-1016 Peak 3	Ave	93440084	98766718		0.529	0.500	5.7	20.0
PCB-1016 Peak 4	Ave	41962283	43335746		0.516	0.500	3.3	20.0
PCB-1016 Peak 5	Ave	42399034	38192718		0.450	0.500	-9.9	20.0
PCB-1260 Peak 1	Ave	62400345	59867030		0.480	0.500	-4.1	20.0
PCB-1260 Peak 2	Ave	110128120	97492010		0.443	0.500	-11.5	20.0
PCB-1260 Peak 3	Ave	107668512	100106280		0.465	0.500	-7.0	20.0
PCB-1260 Peak 4	Ave	129376197	96974410		0.375	0.500	-25.0*	20.0
PCB-1260 Peak 5	Ave	58244642	40571152		0.348	0.500	-30.3*	20.0
Tetrachloro-m-xylene	Ave	1583607317	1579795720		0.0249	0.0250	-0.2	20.0
DCB Decachlorobiphenyl	Ave	1335217125	2904854920		0.0544	0.0250	117.6*	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82363/14 Calibration Date: 04/18/2013 12:29

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: P4000014.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\20130417-18971.b\P4000014.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 18-Apr-2013 12:29:13 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0018971-014
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 14
Lims Batch ID: 82363 Lims Sample ID: 14
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\PCB4.m
Last Update: 19-Apr-2013 14:47:51 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	1.275	1.275	0.000	39494893	0.0249			
2	2	1.683	1.683	0.000	37670245	0.0239			
						RPD = 4.36			
6 PCB-1016									
1	100	1.545	1.545	0.000	12888471	0.4749		100.0	
1	2	1.827	1.827	0.000	23831394	0.4867	156.0- 206.0	184.9	
1	3	2.219	2.219	0.000	49383359	0.5285	312.4- 362.4	383.2	
1	4	2.339	2.339	0.000	21667873	0.5164	118.7- 188.7	168.1	
1	5	2.717	2.717	0.000	19096359	0.4504	125.6- 175.6	148.2	
			Average of Peak Amounts =			0.4914			
2	6	2.145	2.145	0.000	11936954	0.4654		100.0	
2	7	2.541	2.541	0.000	22970109	0.4524	169.6- 229.6	192.4	
2	8	2.993	2.993	0.000	50680283	0.5100	351.4- 411.4	424.6	
2	9	3.131	3.131	0.000	21587655	0.4904	141.3- 201.3	180.8	
2	10	3.235	3.235	0.000	17024455	0.4970	102.5- 162.5	142.6	
			Average of Peak Amounts =			0.4831			
						RPD = 1.71			

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	29933515	0.4797		100.0	
1	2	4.203	4.203	0.000	48746005	0.4426	152.2- 202.2	162.8	
1	3	4.483	4.483	0.000	50053140	0.4649	146.4- 196.4	167.2	
1	4	5.184	5.184	0.000	48487205	0.3748	180.7- 230.7	162.0	
1	5	5.467	5.467	0.000	20285576	0.3483	64.1- 114.1	67.8	
			Average of Peak Amounts =			0.4221			
2	6	4.944	4.944	0.000	33115089	0.4814		100.0	
2	7	5.175	5.175	0.000	36912056	0.4624	87.6- 147.6	111.5	
2	8	5.543	5.543	0.000	59160233	0.5006	144.7- 204.7	178.7	
2	9	6.228	6.228	0.000	74956778	0.5141	187.7- 247.7	226.4	
2	10	6.609	6.609	0.000	50976055	0.5274	115.0- 175.0	153.9	
			Average of Peak Amounts =			0.4972			
						RPD = 16.34			
$ 12 DCB Decachlorobiphenyl									
1	100	6.619	6.619	0.000	72621373	0.0544			
2	2	7.843	7.843	0.000	35044268	0.0241			
						RPD = 77.33			

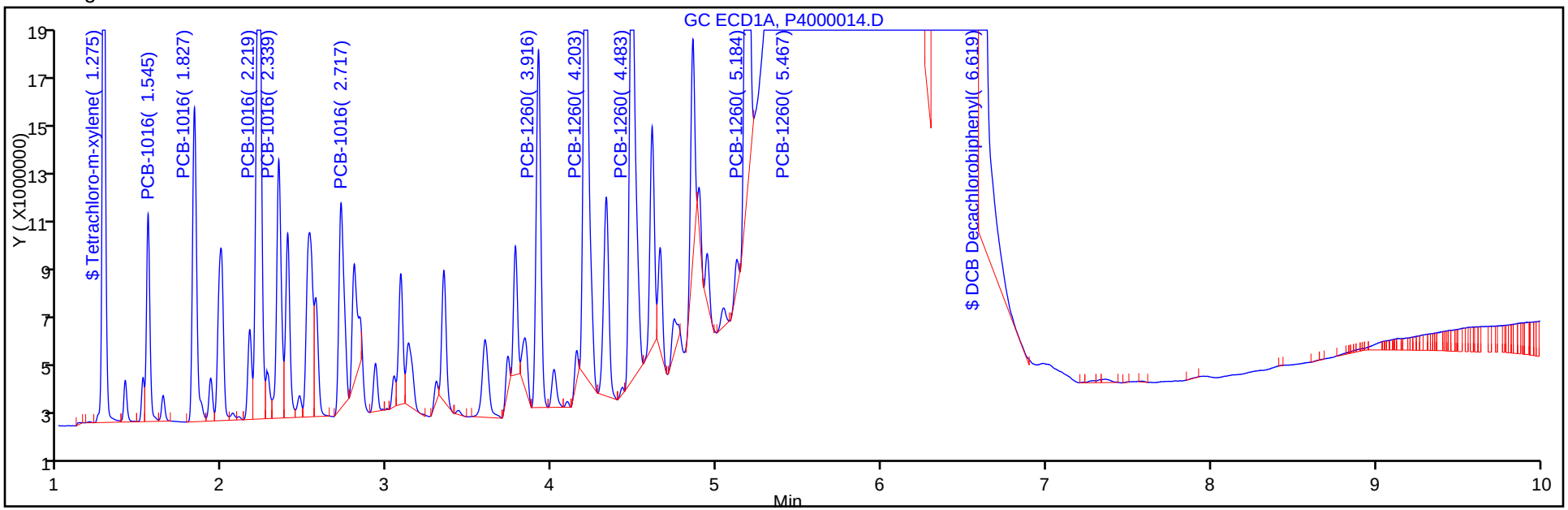
Report Date: 19-Apr-2013 14:47:51 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

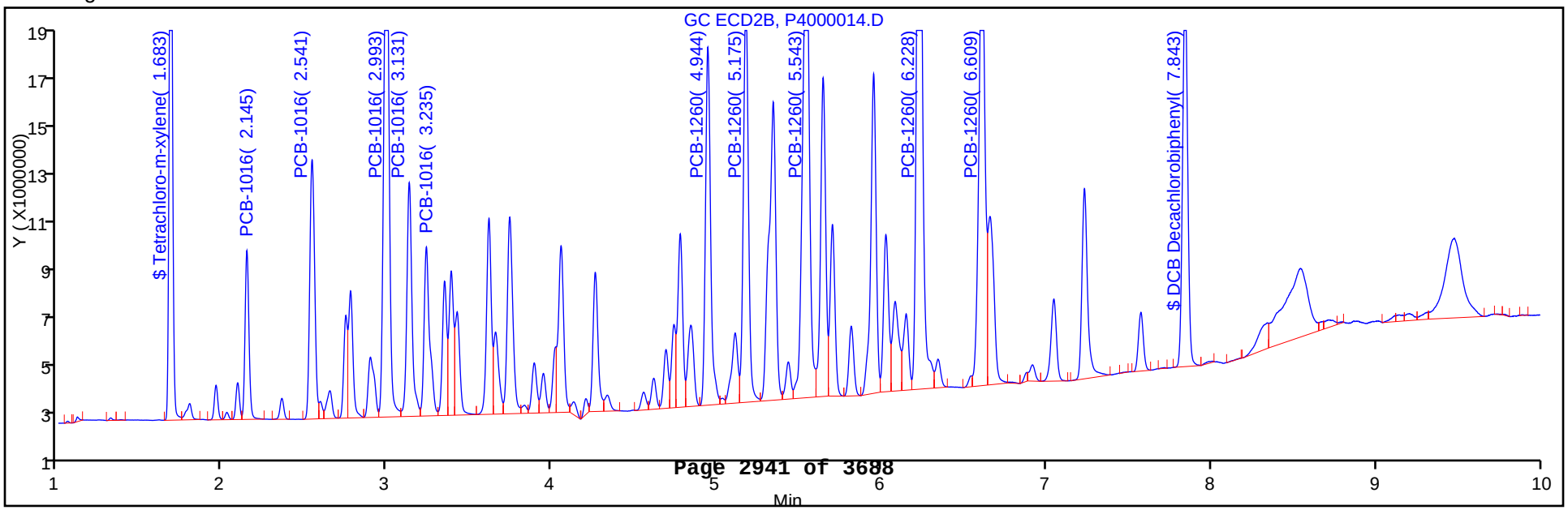
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000014.D

Injection Date:	18-Apr-2013 12:29:13	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82363	Lims Sample ID:	14
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.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82363/14 Calibration Date: 04/18/2013 12:29

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: P4000014.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	23873908		0.465	0.500	-6.9	20.0
PCB-1016 Peak 2	Ave	50771162	45940218		0.452	0.500	-9.5	20.0
PCB-1016 Peak 3	Ave	99379492	101360566		0.510	0.500	2.0	20.0
PCB-1016 Peak 4	Ave	44018240	43175310		0.490	0.500	-1.9	20.0
PCB-1016 Peak 5	Ave	34251515	34048910		0.497	0.500	-0.6	20.0
PCB-1260 Peak 1	Ave	68786213	66230178		0.481	0.500	-3.7	20.0
PCB-1260 Peak 2	Ave	79832052	73824112		0.462	0.500	-7.5	20.0
PCB-1260 Peak 3	Ave	118169923	118320466		0.501	0.500	0.1	20.0
PCB-1260 Peak 4	Ave	145808797	149913556		0.514	0.500	2.8	20.0
PCB-1260 Peak 5	Ave	96662928	101952110		0.527	0.500	5.5	20.0
Tetrachloro-m-xylene	Ave	1577823383	1506809800		0.0239	0.0250	-4.5	20.0
DCB Decachlorobiphenyl	Ave	1456619055	1401770720		0.0241	0.0250	-3.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82363/14 Calibration Date: 04/18/2013 12:29

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: P4000014.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	5.18	5.08	5.28
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\20130417-18971.b\P4000014.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 18-Apr-2013 12:29:13 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0018971-014
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 14
Lims Batch ID: 82363 Lims Sample ID: 14
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\PCB4.m
Last Update: 19-Apr-2013 14:47:51 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	1.275	1.275	0.000	39494893	0.0249			
2	2	1.683	1.683	0.000	37670245	0.0239			
						RPD = 4.36			
6 PCB-1016									
1	100	1.545	1.545	0.000	12888471	0.4749		100.0	
1	2	1.827	1.827	0.000	23831394	0.4867	156.0- 206.0	184.9	
1	3	2.219	2.219	0.000	49383359	0.5285	312.4- 362.4	383.2	
1	4	2.339	2.339	0.000	21667873	0.5164	118.7- 188.7	168.1	
1	5	2.717	2.717	0.000	19096359	0.4504	125.6- 175.6	148.2	
			Average of Peak Amounts =			0.4914			
2	6	2.145	2.145	0.000	11936954	0.4654		100.0	
2	7	2.541	2.541	0.000	22970109	0.4524	169.6- 229.6	192.4	
2	8	2.993	2.993	0.000	50680283	0.5100	351.4- 411.4	424.6	
2	9	3.131	3.131	0.000	21587655	0.4904	141.3- 201.3	180.8	
2	10	3.235	3.235	0.000	17024455	0.4970	102.5- 162.5	142.6	
			Average of Peak Amounts =			0.4831			
						RPD = 1.71			

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	29933515	0.4797		100.0	
1	2	4.203	4.203	0.000	48746005	0.4426	152.2- 202.2	162.8	
1	3	4.483	4.483	0.000	50053140	0.4649	146.4- 196.4	167.2	
1	4	5.184	5.184	0.000	48487205	0.3748	180.7- 230.7	162.0	
1	5	5.467	5.467	0.000	20285576	0.3483	64.1- 114.1	67.8	
			Average of Peak Amounts =			0.4221			
2	6	4.944	4.944	0.000	33115089	0.4814		100.0	
2	7	5.175	5.175	0.000	36912056	0.4624	87.6- 147.6	111.5	
2	8	5.543	5.543	0.000	59160233	0.5006	144.7- 204.7	178.7	
2	9	6.228	6.228	0.000	74956778	0.5141	187.7- 247.7	226.4	
2	10	6.609	6.609	0.000	50976055	0.5274	115.0- 175.0	153.9	
			Average of Peak Amounts =			0.4972			
						RPD = 16.34			
$ 12 DCB Decachlorobiphenyl									
1	100	6.619	6.619	0.000	72621373	0.0544			
2	2	7.843	7.843	0.000	35044268	0.0241			
						RPD = 77.33			

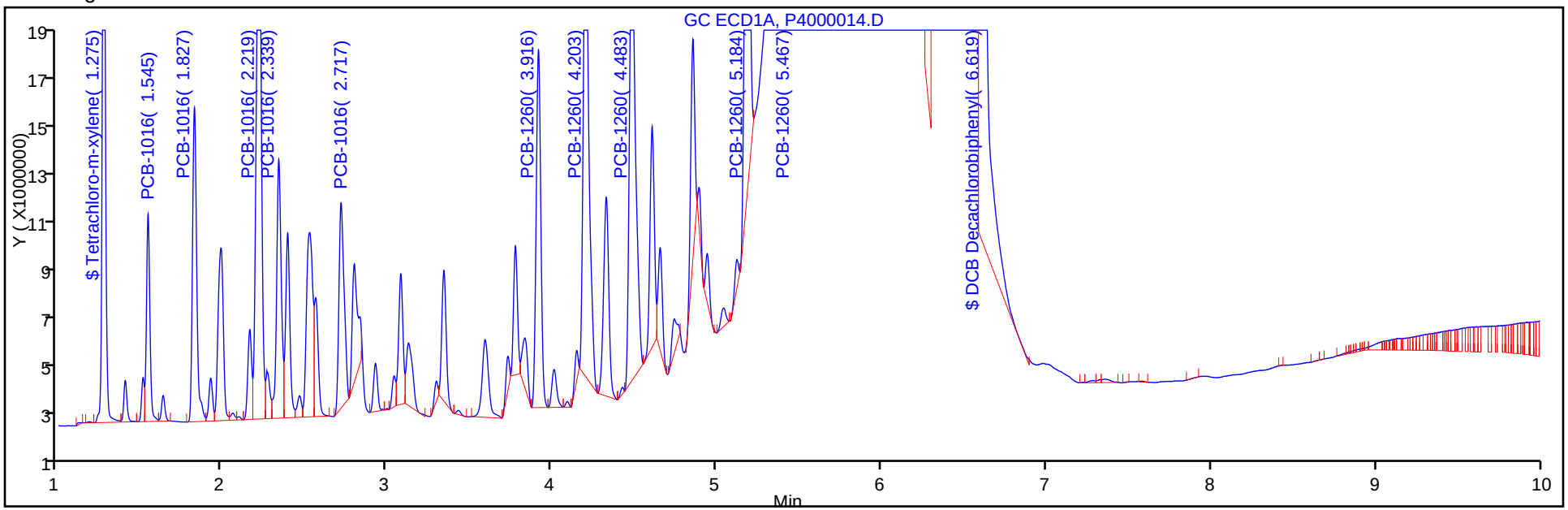
Report Date: 19-Apr-2013 14:47:52 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

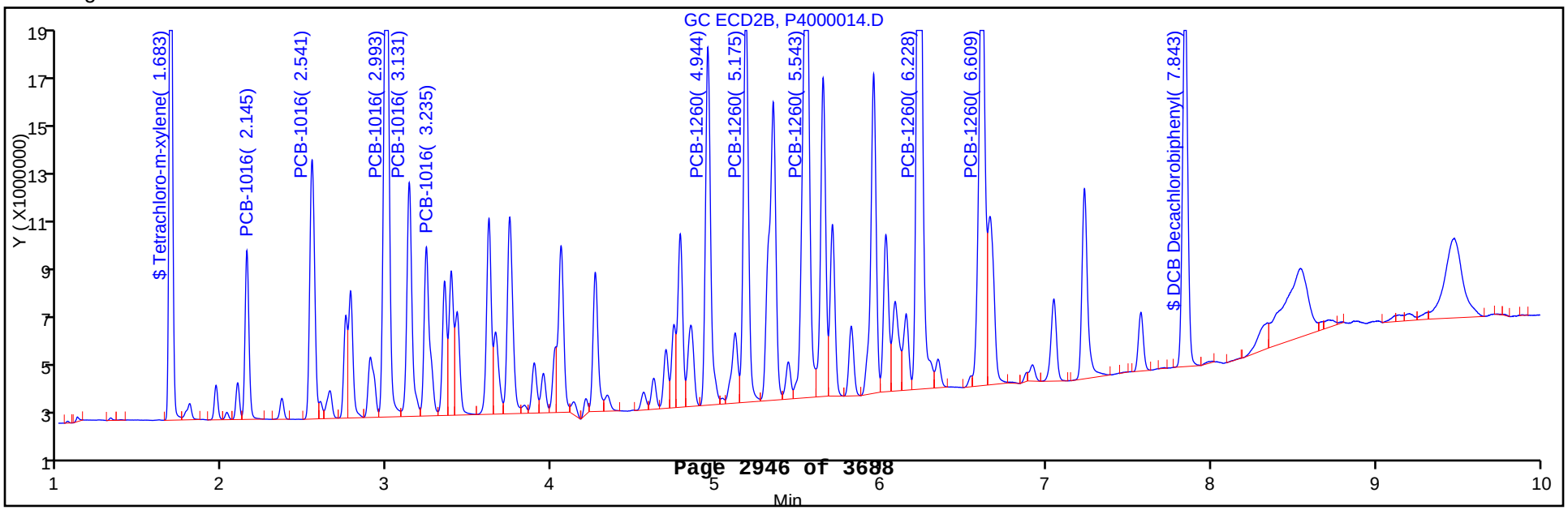
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000014.D

Injection Date:	18-Apr-2013 12:29:13	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82363	Lims Sample ID:	14
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.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82363/25 Calibration Date: 04/18/2013 15:21

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: P4000025.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	27132660		0.500	0.500	-0.0	20.0
PCB-1016 Peak 2	Ave	48967138	50077478		0.511	0.500	2.3	20.0
PCB-1016 Peak 3	Ave	93440084	103564810		0.554	0.500	10.8	20.0
PCB-1016 Peak 4	Ave	41962283	46397918		0.553	0.500	10.6	20.0
PCB-1016 Peak 5	Ave	42399034	46237674		0.545	0.500	9.1	20.0
PCB-1260 Peak 1	Ave	62400345	64059772		0.513	0.500	2.7	20.0
PCB-1260 Peak 2	Ave	110128120	118003292		0.536	0.500	7.2	20.0
PCB-1260 Peak 3	Ave	107668512	118993420		0.553	0.500	10.5	20.0
PCB-1260 Peak 4	Ave	129376197	144951948		0.560	0.500	12.0	20.0
PCB-1260 Peak 5	Ave	58244642	70736784		0.607	0.500	21.4*	20.0
Tetrachloro-m-xylene	Ave	1583607317	1652028160		0.0261	0.0250	4.3	20.0
DCB Decachlorobiphenyl	Ave	1335217125	1473266240		0.0276	0.0250	10.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82363/25 Calibration Date: 04/18/2013 15:21

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: P4000025.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\20130417-18971.b\P4000025.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 18-Apr-2013 15:21:23 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0018971-025
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 25
Lims Batch ID: 82363 Lims Sample ID: 25
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\PCB4.m
Last Update: 19-Apr-2013 14:48:03 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 14:45:03

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	41300704	0.0261			
2	2	1.683	1.683	0.000	39196010	0.0248			
						RPD = 4.86			
6 PCB-1016									M
1	100	1.546	1.546	0.000	13566330	0.4999		100.0	
1	2	1.828	1.828	0.000	25038739	0.5113	156.0- 206.0	184.6	M
1	3	2.219	2.219	0.000	51782405	0.5542	312.4- 362.4	381.7	M
1	4	2.340	2.340	0.000	23198959	0.5529	118.7- 188.7	171.0	M
1	5	2.718	2.718	0.000	23118837	0.5453	125.6- 175.6	170.4	M
			Average of Peak Amounts =			0.5327			
2	6	2.146	2.146	0.000	12452096	0.4855		100.0	
2	7	2.542	2.542	0.000	23988633	0.4725	169.6- 229.6	192.6	
2	8	2.993	2.993	0.000	53047014	0.5338	351.4- 411.4	426.0	
2	9	3.132	3.132	0.000	22789178	0.5177	141.3- 201.3	183.0	
2	10	3.236	3.236	0.000	18017181	0.5260	102.5- 162.5	144.7	
			Average of Peak Amounts =			0.5071			
						RPD = 4.93			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.917	3.917	0.000	32029886	0.5133		100.0	
1	2	4.203	4.203	0.000	59001646	0.5358	152.2- 202.2	184.2	
1	3	4.483	4.483	0.000	59496710	0.5526	146.4- 196.4	185.8	
1	4	5.184	5.184	0.000	72475974	0.5602	180.7- 230.7	226.3	
1	5	5.469	5.469	0.000	35368392	0.6072	64.1- 114.1	110.4	
			Average of Peak Amounts =			0.5538			
2	6	4.945	4.945	0.000	35918705	0.5222		100.0	
2	7	5.175	5.175	0.000	43023396	0.5389	87.6- 147.6	119.8	
2	8	5.543	5.543	0.000	63925477	0.5410	144.7- 204.7	178.0	
2	9	6.228	6.228	0.000	79557975	0.5456	187.7- 247.7	221.5	
2	10	6.610	6.610	0.000	53476513	0.5532	115.0- 175.0	148.9	
			Average of Peak Amounts =			0.5402			
						RPD = 2.49			
$ 12 DCB Decachlorobiphenyl									
1	100	6.622	6.622	0.000	36831656	0.0276			
2	2	7.843	7.843	0.000	36518473	0.0251			
						RPD = 9.55			

QC Flag Legend

Review Flags
M - Manually Integrated

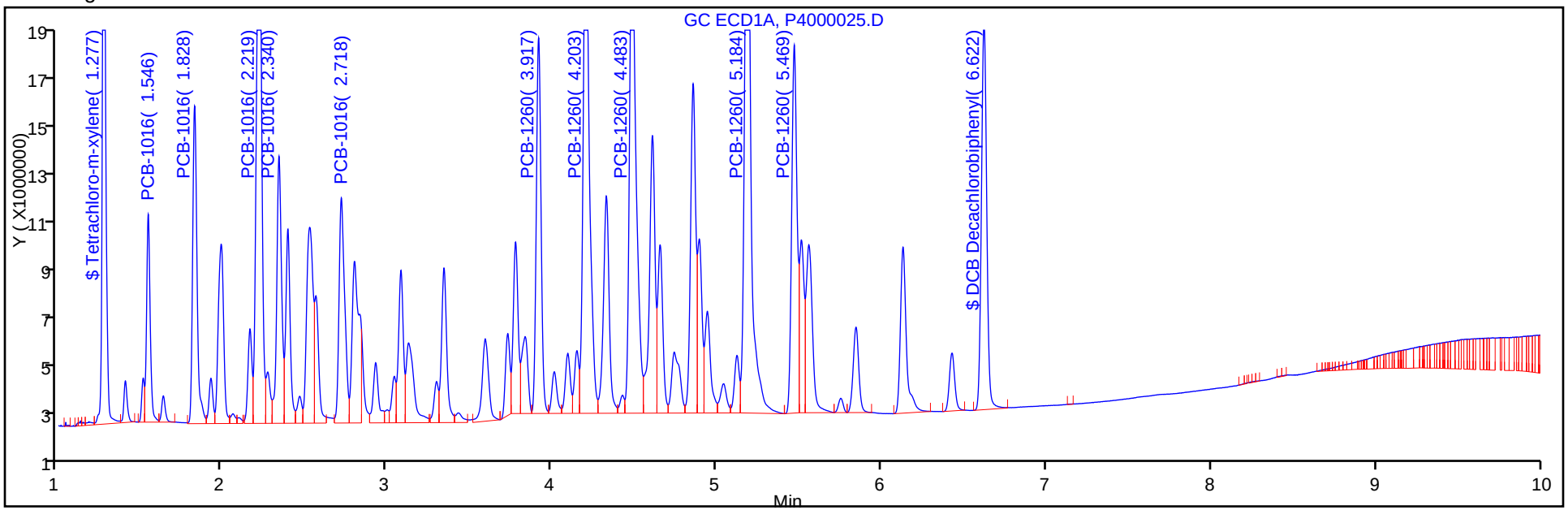
Report Date: 19-Apr-2013 14:48:03 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

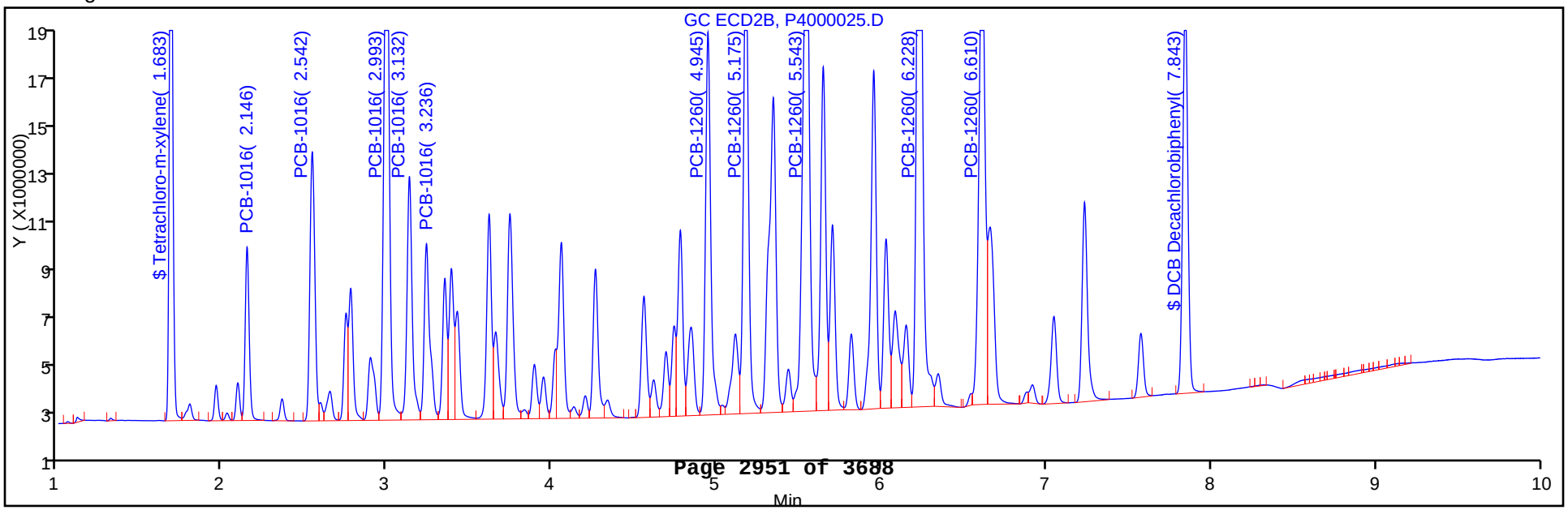
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000025.D

Injection Date:	18-Apr-2013 15:21:23	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82363	Lims Sample ID:	25
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



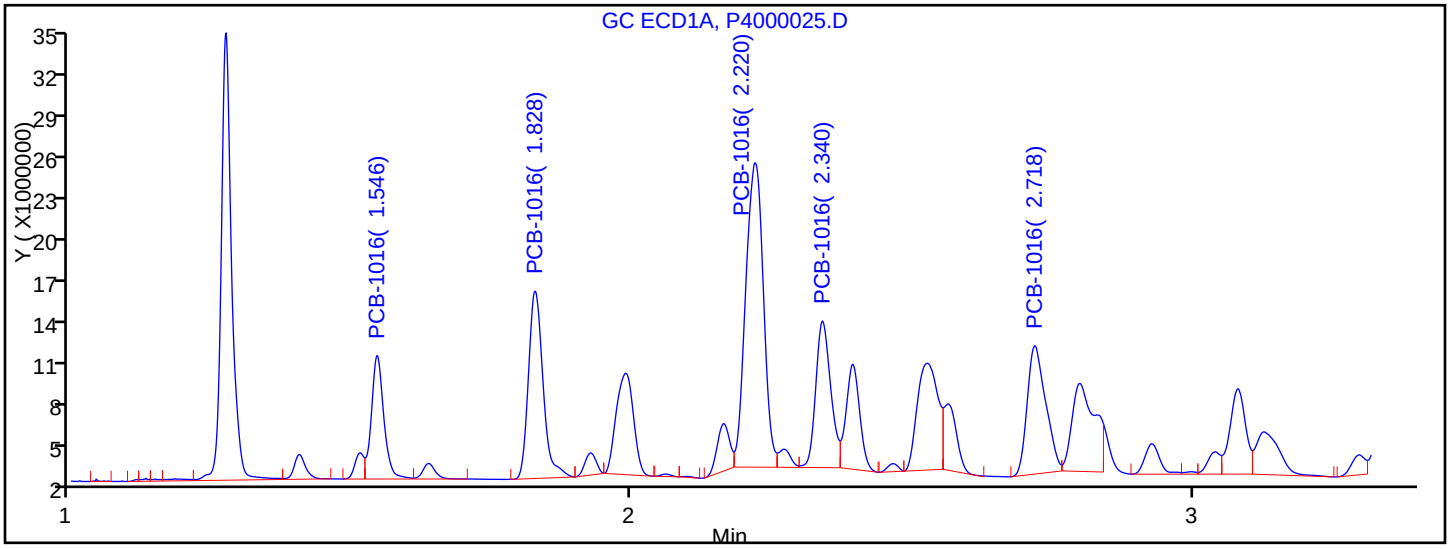
Report Date: 19-Apr-2013 14:48:04 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000025.D

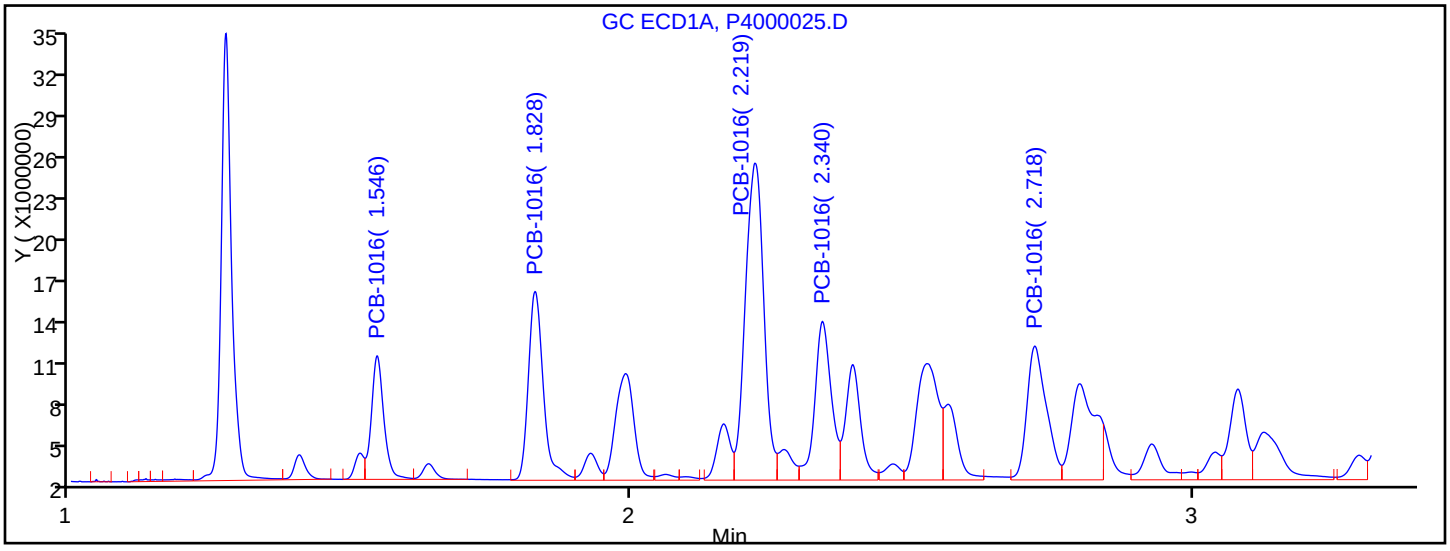
Injection Date:	18-Apr-2013 15:21:23	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82363	Lims Sample ID:	25
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.546	Response = 13566330	
RT = 1.828	Response = 24181393	M
RT = 2.220	Response = 47659193	M
RT = 2.340	Response = 19404584	M
RT = 2.718	Response = 20915454	M



Manual Integration Results

RT = 1.546	Response = 13566330	
RT = 1.828	Response = 25038739	M
RT = 2.219	Response = 51782405	M
RT = 2.340	Response = 23198959	M
RT = 2.718	Response = 23118837	M

Reviewer: hassl, 19-Apr-2013 14:45:03

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82363/25 Calibration Date: 04/18/2013 15:21

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: P4000025.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	24904192		0.485	0.500	-2.9	20.0
PCB-1016 Peak 2	Ave	50771162	47977266		0.472	0.500	-5.5	20.0
PCB-1016 Peak 3	Ave	99379492	106094028		0.534	0.500	6.8	20.0
PCB-1016 Peak 4	Ave	44018240	45578356		0.518	0.500	3.5	20.0
PCB-1016 Peak 5	Ave	34251515	36034362		0.526	0.500	5.2	20.0
PCB-1260 Peak 1	Ave	68786213	71837410		0.522	0.500	4.4	20.0
PCB-1260 Peak 2	Ave	79832052	86046792		0.539	0.500	7.8	20.0
PCB-1260 Peak 3	Ave	118169923	127850954		0.541	0.500	8.2	20.0
PCB-1260 Peak 4	Ave	145808797	159115950		0.546	0.500	9.1	20.0
PCB-1260 Peak 5	Ave	96662928	106953026		0.553	0.500	10.6	20.0
Tetrachloro-m-xylene	Ave	1577823383	1567840400		0.0248	0.0250	-0.6	20.0
DCB Decachlorobiphenyl	Ave	1456619055	1460738920		0.0251	0.0250	0.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82363/25 Calibration Date: 04/18/2013 15:21

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: P4000025.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	5.54	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\20130417-18971.b\P4000025.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 18-Apr-2013 15:21:23 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0018971-025
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 25
Lims Batch ID: 82363 Lims Sample ID: 25
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\PCB4.m
Last Update: 19-Apr-2013 14:48:03 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 14:45:03

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	41300704	0.0261			
2	2	1.683	1.683	0.000	39196010	0.0248			
						RPD = 4.86			
6 PCB-1016									M
1	100	1.546	1.546	0.000	13566330	0.4999		100.0	
1	2	1.828	1.828	0.000	25038739	0.5113	156.0- 206.0	184.6	M
1	3	2.219	2.219	0.000	51782405	0.5542	312.4- 362.4	381.7	M
1	4	2.340	2.340	0.000	23198959	0.5529	118.7- 188.7	171.0	M
1	5	2.718	2.718	0.000	23118837	0.5453	125.6- 175.6	170.4	M
			Average of Peak Amounts =			0.5327			
2	6	2.146	2.146	0.000	12452096	0.4855		100.0	
2	7	2.542	2.542	0.000	23988633	0.4725	169.6- 229.6	192.6	
2	8	2.993	2.993	0.000	53047014	0.5338	351.4- 411.4	426.0	
2	9	3.132	3.132	0.000	22789178	0.5177	141.3- 201.3	183.0	
2	10	3.236	3.236	0.000	18017181	0.5260	102.5- 162.5	144.7	
			Average of Peak Amounts =			0.5071			
						RPD = 4.93			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.917	3.917	0.000	32029886	0.5133		100.0	
1	2	4.203	4.203	0.000	59001646	0.5358	152.2- 202.2	184.2	
1	3	4.483	4.483	0.000	59496710	0.5526	146.4- 196.4	185.8	
1	4	5.184	5.184	0.000	72475974	0.5602	180.7- 230.7	226.3	
1	5	5.469	5.469	0.000	35368392	0.6072	64.1- 114.1	110.4	
			Average of Peak Amounts =			0.5538			
2	6	4.945	4.945	0.000	35918705	0.5222		100.0	
2	7	5.175	5.175	0.000	43023396	0.5389	87.6- 147.6	119.8	
2	8	5.543	5.543	0.000	63925477	0.5410	144.7- 204.7	178.0	
2	9	6.228	6.228	0.000	79557975	0.5456	187.7- 247.7	221.5	
2	10	6.610	6.610	0.000	53476513	0.5532	115.0- 175.0	148.9	
			Average of Peak Amounts =			0.5402			
						RPD = 2.49			
$ 12 DCB Decachlorobiphenyl									
1	100	6.622	6.622	0.000	36831656	0.0276			
2	2	7.843	7.843	0.000	36518473	0.0251			
						RPD = 9.55			

QC Flag Legend

Review Flags
M - Manually Integrated

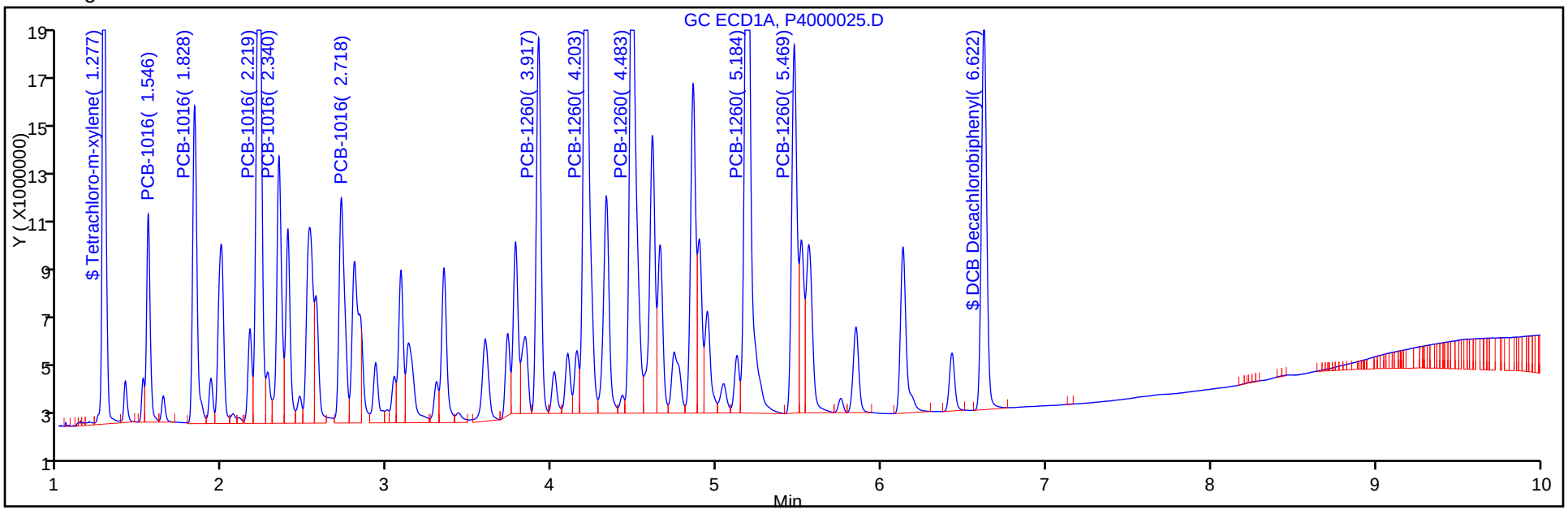
Report Date: 19-Apr-2013 14:48:04 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

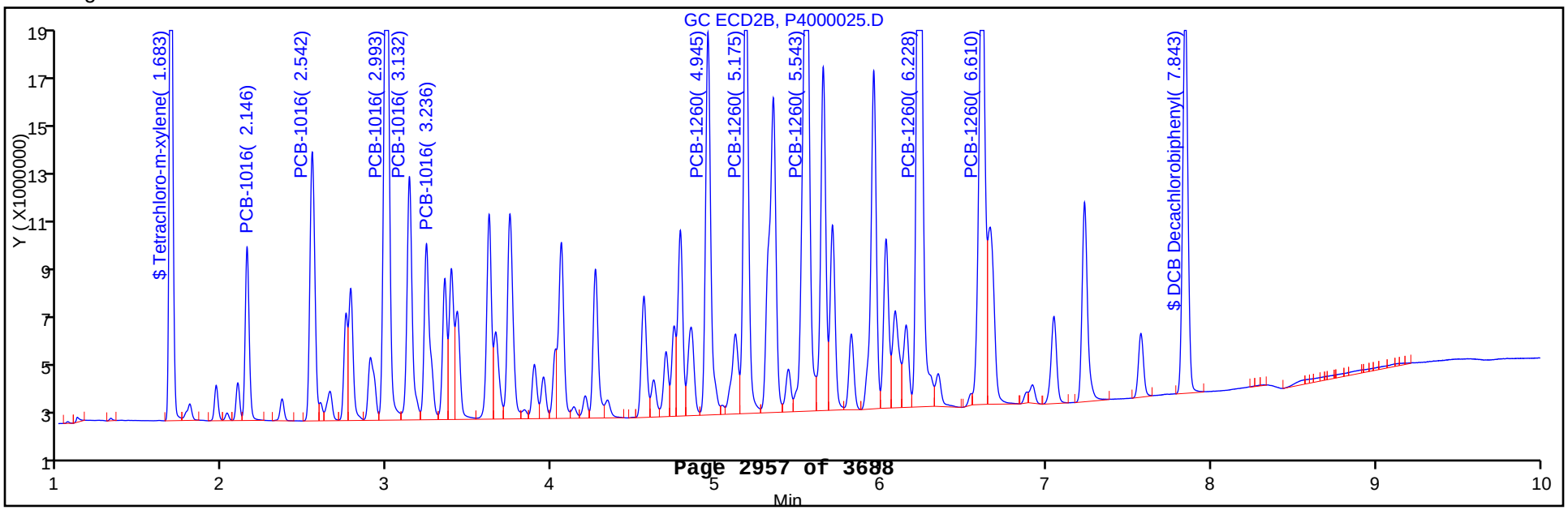
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000025.D

Injection Date:	18-Apr-2013 15:21:23	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82363	Lims Sample ID:	25
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.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82762/3 Calibration Date: 04/19/2013 21:58

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: 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	24330198		0.448	0.500	-10.3	20.0
PCB-1016 Peak 2	Ave	48967138	45514646		0.465	0.500	-7.1	20.0
PCB-1016 Peak 3	Ave	93440084	88930690		0.476	0.500	-4.8	20.0
PCB-1016 Peak 4	Ave	41962283	39899762		0.475	0.500	-4.9	20.0
PCB-1016 Peak 5	Ave	42399034	39659916		0.468	0.500	-6.5	20.0
PCB-1260 Peak 1	Ave	62400345	56425048		0.452	0.500	-9.6	20.0
PCB-1260 Peak 2	Ave	110128120	102937464		0.467	0.500	-6.5	20.0
PCB-1260 Peak 3	Ave	107668512	103300968		0.480	0.500	-4.1	20.0
PCB-1260 Peak 4	Ave	129376197	130303604		0.504	0.500	0.7	20.0
PCB-1260 Peak 5	Ave	58244642	56379498		0.484	0.500	-3.2	20.0
Tetrachloro-m-xylene	Ave	1583607317	1467512640		0.0232	0.0250	-7.3	20.0
DCB Decachlorobiphenyl	Ave	1335217125	1366029280		0.0256	0.0250	2.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82762/3 Calibration Date: 04/19/2013 21:58

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: 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	4.21	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	6.63	6.53	6.73

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130419-19070.b\P4000003.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 19-Apr-2013 21:58:31 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0019070-003
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 3
Lims Batch ID: 82762 Lims Sample ID: 3
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130419-19070.b\PCB4.m
Last Update: 22-Apr-2013 12:47:41 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: XAWRK003

First Level Reviewer: hassl Date: 22-Apr-2013 12:43:47

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	36687816	0.0232			
2	2	1.685	1.685	0.000	36339873	0.0230			
						RPD = 0.59			
6 PCB-1016									M
1	100	1.546	1.546	0.000	12165099	0.4483		100.0	
1	2	1.829	1.829	0.000	22757323	0.4647	156.0- 206.0	187.1	M
1	3	2.223	2.223	0.000	44465345	0.4759	312.4- 362.4	365.5	M
1	4	2.342	2.342	0.000	19949881	0.4754	118.7- 188.7	164.0	M
1	5	2.721	2.721	0.000	19829958	0.4677	125.6- 175.6	163.0	M
			Average of Peak Amounts =			0.4664			
2	6	2.147	2.147	0.000	11711932	0.4566		100.0	
2	7	2.543	2.543	0.000	23116543	0.4553	169.6- 229.6	197.4	
2	8	2.995	2.995	0.000	47630402	0.4793	351.4- 411.4	406.7	
2	9	3.134	3.134	0.000	20693613	0.4701	141.3- 201.3	176.7	
2	10	3.236	3.236	0.000	16327255	0.4767	102.5- 162.5	139.4	
			Average of Peak Amounts =			0.4676			
						RPD = 0.26			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.920	3.920	0.000	28212524	0.4521		100.0	
1	2	4.207	4.207	0.000	51468732	0.4674	152.2- 202.2	182.4	
1	3	4.490	4.490	0.000	51650484	0.4797	146.4- 196.4	183.1	
1	4	5.189	5.189	0.000	65151802	0.5036	180.7- 230.7	230.9	
1	5	5.474	5.474	0.000	28189749	0.4840	64.1- 114.1	99.9	
			Average of Peak Amounts =			0.4774			
2	6	4.946	4.946	0.000	32679432	0.4751		100.0	
2	7	5.177	5.177	0.000	38971055	0.4882	87.6- 147.6	119.3	
2	8	5.546	5.546	0.000	58164608	0.4922	144.7- 204.7	178.0	
2	9	6.231	6.231	0.000	73821748	0.5063	187.7- 247.7	225.9	
2	10	6.613	6.613	0.000	49534581	0.5124	115.0- 175.0	151.6	
			Average of Peak Amounts =			0.4948			
						RPD = 3.60			
$ 12 DCB Decachlorobiphenyl									
1	100	6.626	6.626	0.000	34150732	0.0256			
2	2	7.847	7.847	0.000	36194301	0.0248			
						RPD = 2.89			

QC Flag Legend

Review Flags
M - Manually Integrated

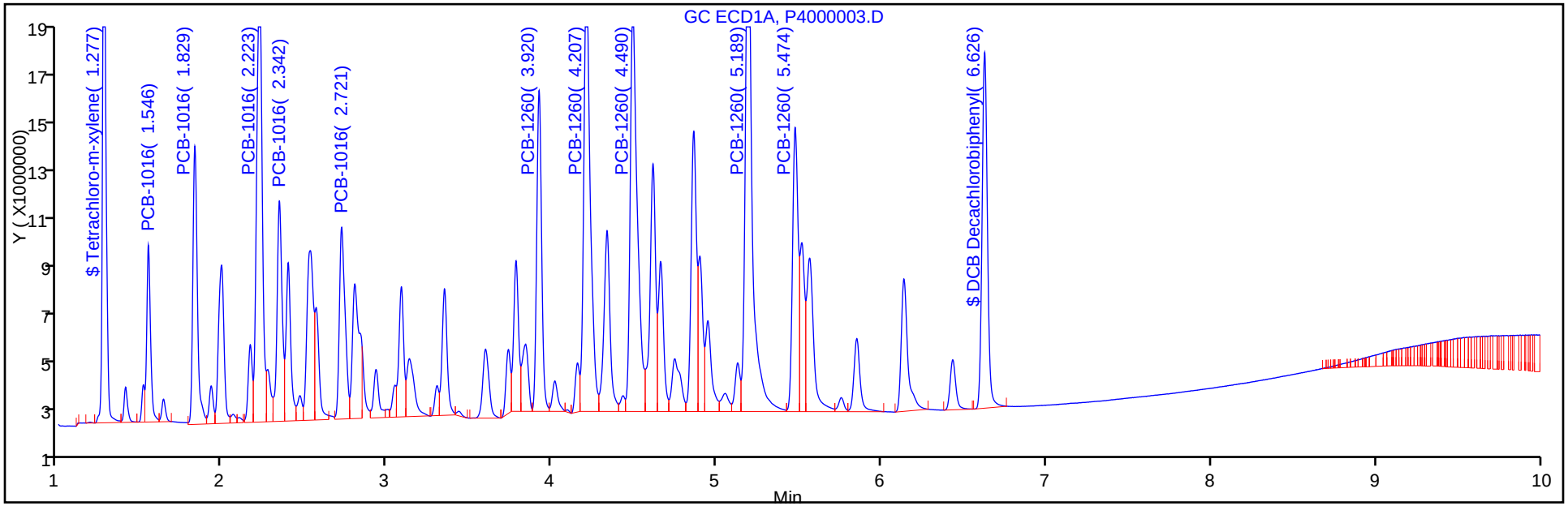
Report Date: 22-Apr-2013 12:47:41 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

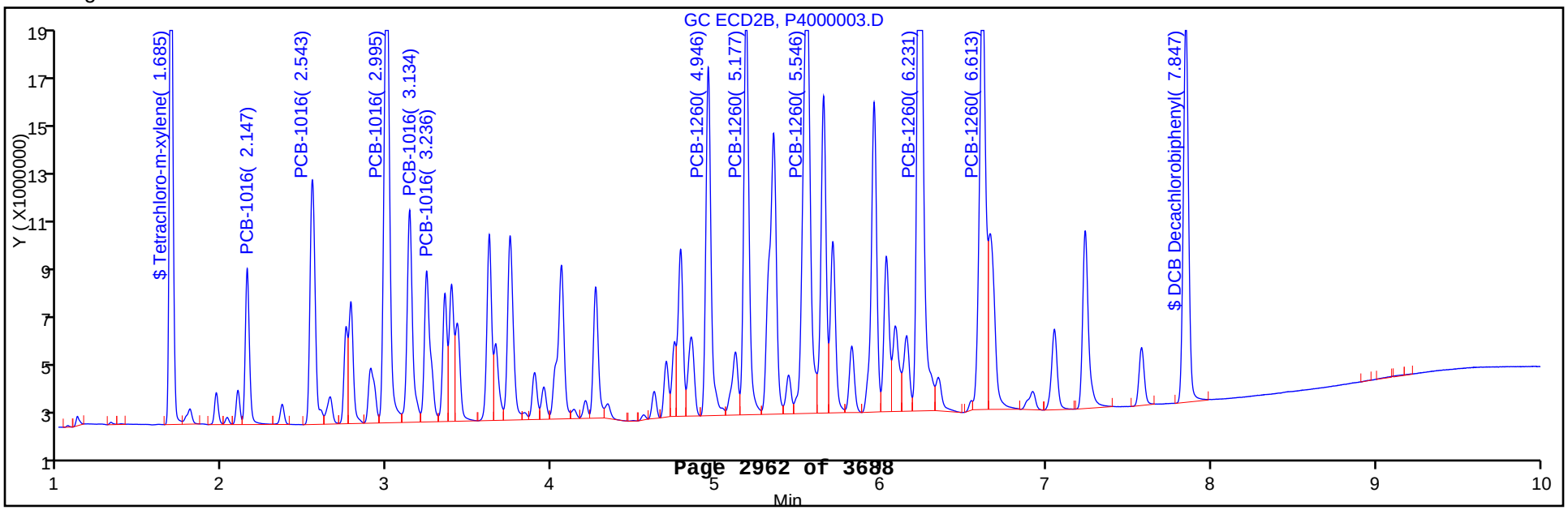
Data File: \\Ncchrom\ChromData\A2HP4\20130419-19070.b\P4000003.D

Injection Date:	19-Apr-2013 21:58:31	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82762	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



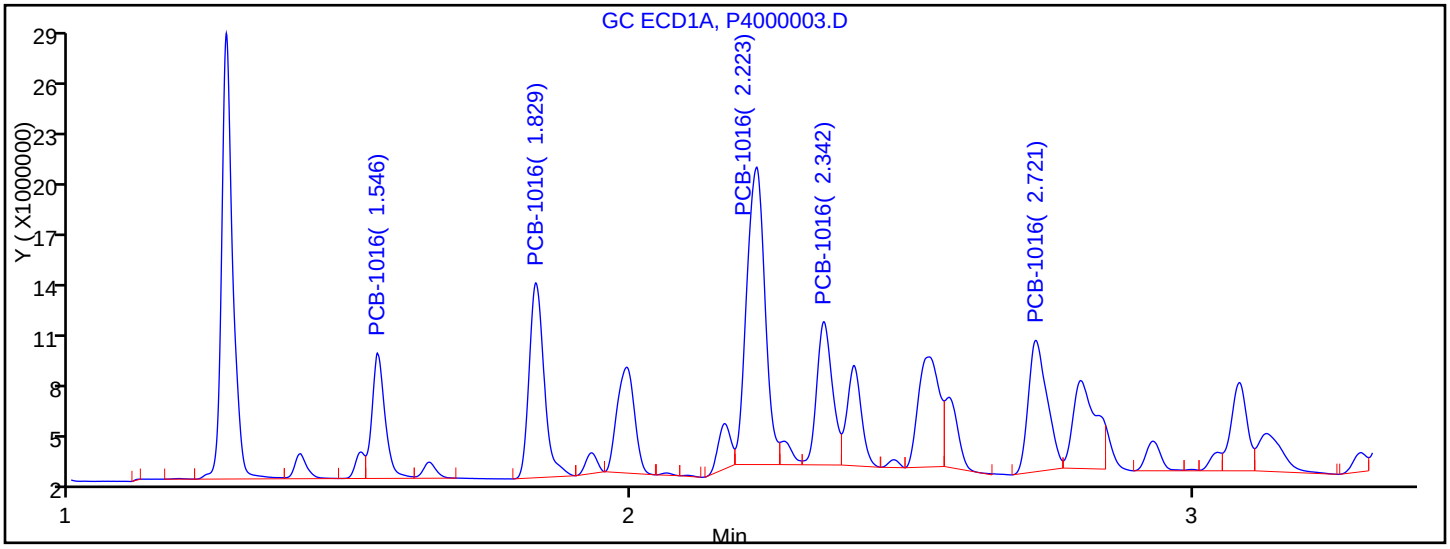
Report Date: 22-Apr-2013 12:47:41 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20130419-19070.b\P4000003.D

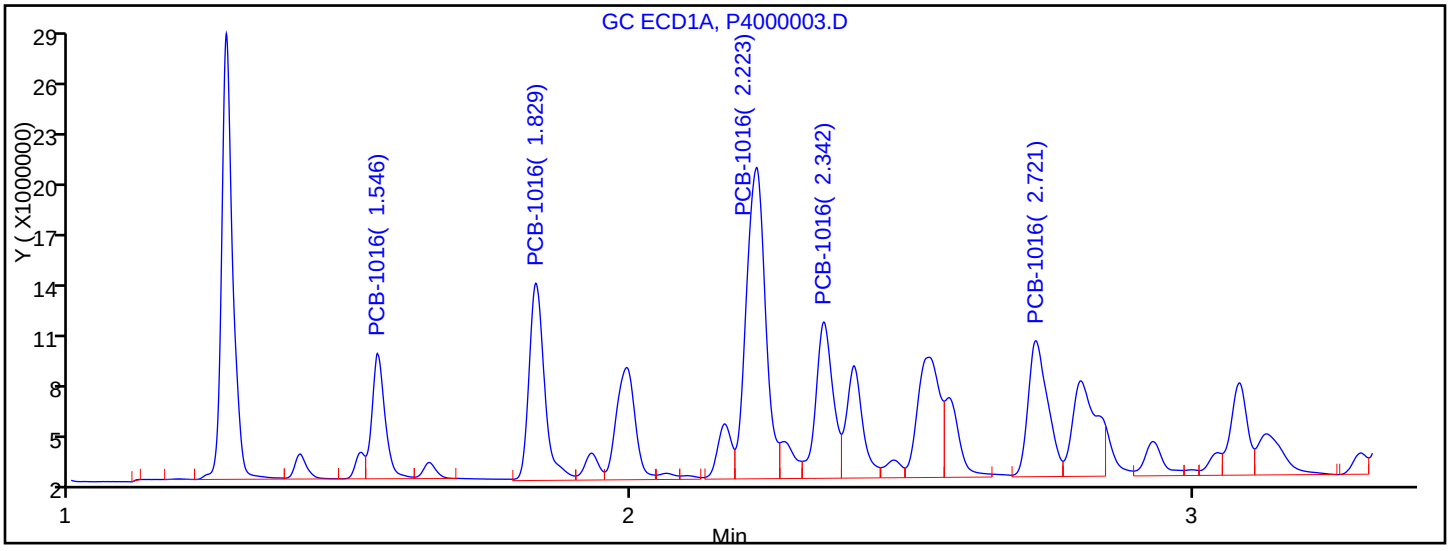
Injection Date:	19-Apr-2013 21:58:31	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82762	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.546	Response = 12165099	
RT = 1.829	Response = 21661578	M
RT = 2.223	Response = 40484480	M
RT = 2.342	Response = 16675221	M
RT = 2.721	Response = 18254527	M



Manual Integration Results

RT = 1.546	Response = 12165099	
RT = 1.829	Response = 22757323	M
RT = 2.223	Response = 44465345	M
RT = 2.342	Response = 19949881	M
RT = 2.721	Response = 19829958	M

Reviewer: hassl, 22-Apr-2013 12:43:47

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82762/3 Calibration Date: 04/19/2013 21:58

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: 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	23423864		0.457	0.500	-8.7	20.0
PCB-1016 Peak 2	Ave	50771162	46233086		0.455	0.500	-8.9	20.0
PCB-1016 Peak 3	Ave	99379492	95260804		0.479	0.500	-4.1	20.0
PCB-1016 Peak 4	Ave	44018240	41387226		0.470	0.500	-6.0	20.0
PCB-1016 Peak 5	Ave	34251515	32654510		0.477	0.500	-4.7	20.0
PCB-1260 Peak 1	Ave	68786213	65358864		0.475	0.500	-5.0	20.0
PCB-1260 Peak 2	Ave	79832052	77942110		0.488	0.500	-2.4	20.0
PCB-1260 Peak 3	Ave	118169923	116329216		0.492	0.500	-1.6	20.0
PCB-1260 Peak 4	Ave	145808797	147643496		0.506	0.500	1.3	20.0
PCB-1260 Peak 5	Ave	96662928	99069162		0.512	0.500	2.5	20.0
Tetrachloro-m-xylene	Ave	1577823383	1453594920		0.0230	0.0250	-7.9	20.0
DCB Decachlorobiphenyl	Ave	1456619055	1447772040		0.0248	0.0250	-0.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82762/3 Calibration Date: 04/19/2013 21:58

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: 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	3.00	2.90	3.10
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	1.69	1.59	1.79
DCB Decachlorobiphenyl	7.85	7.75	7.95

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130419-19070.b\P4000003.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 19-Apr-2013 21:58:31 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0019070-003
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 3
Lims Batch ID: 82762 Lims Sample ID: 3
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130419-19070.b\PCB4.m
Last Update: 22-Apr-2013 12:47:41 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: XAWRK003

First Level Reviewer: hassl Date: 22-Apr-2013 12:43:47

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	36687816	0.0232			
2	2	1.685	1.685	0.000	36339873	0.0230			
						RPD = 0.59			
6 PCB-1016									M
1	100	1.546	1.546	0.000	12165099	0.4483		100.0	
1	2	1.829	1.829	0.000	22757323	0.4647	156.0- 206.0	187.1	M
1	3	2.223	2.223	0.000	44465345	0.4759	312.4- 362.4	365.5	M
1	4	2.342	2.342	0.000	19949881	0.4754	118.7- 188.7	164.0	M
1	5	2.721	2.721	0.000	19829958	0.4677	125.6- 175.6	163.0	M
			Average of Peak Amounts =			0.4664			
2	6	2.147	2.147	0.000	11711932	0.4566		100.0	
2	7	2.543	2.543	0.000	23116543	0.4553	169.6- 229.6	197.4	
2	8	2.995	2.995	0.000	47630402	0.4793	351.4- 411.4	406.7	
2	9	3.134	3.134	0.000	20693613	0.4701	141.3- 201.3	176.7	
2	10	3.236	3.236	0.000	16327255	0.4767	102.5- 162.5	139.4	
			Average of Peak Amounts =			0.4676			
						RPD = 0.26			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.920	3.920	0.000	28212524	0.4521		100.0	
1	2	4.207	4.207	0.000	51468732	0.4674	152.2- 202.2	182.4	
1	3	4.490	4.490	0.000	51650484	0.4797	146.4- 196.4	183.1	
1	4	5.189	5.189	0.000	65151802	0.5036	180.7- 230.7	230.9	
1	5	5.474	5.474	0.000	28189749	0.4840	64.1- 114.1	99.9	
			Average of Peak Amounts =			0.4774			
2	6	4.946	4.946	0.000	32679432	0.4751		100.0	
2	7	5.177	5.177	0.000	38971055	0.4882	87.6- 147.6	119.3	
2	8	5.546	5.546	0.000	58164608	0.4922	144.7- 204.7	178.0	
2	9	6.231	6.231	0.000	73821748	0.5063	187.7- 247.7	225.9	
2	10	6.613	6.613	0.000	49534581	0.5124	115.0- 175.0	151.6	
			Average of Peak Amounts =			0.4948			
						RPD = 3.60			
$ 12 DCB Decachlorobiphenyl									
1	100	6.626	6.626	0.000	34150732	0.0256			
2	2	7.847	7.847	0.000	36194301	0.0248			
						RPD = 2.89			

QC Flag Legend

Review Flags
M - Manually Integrated

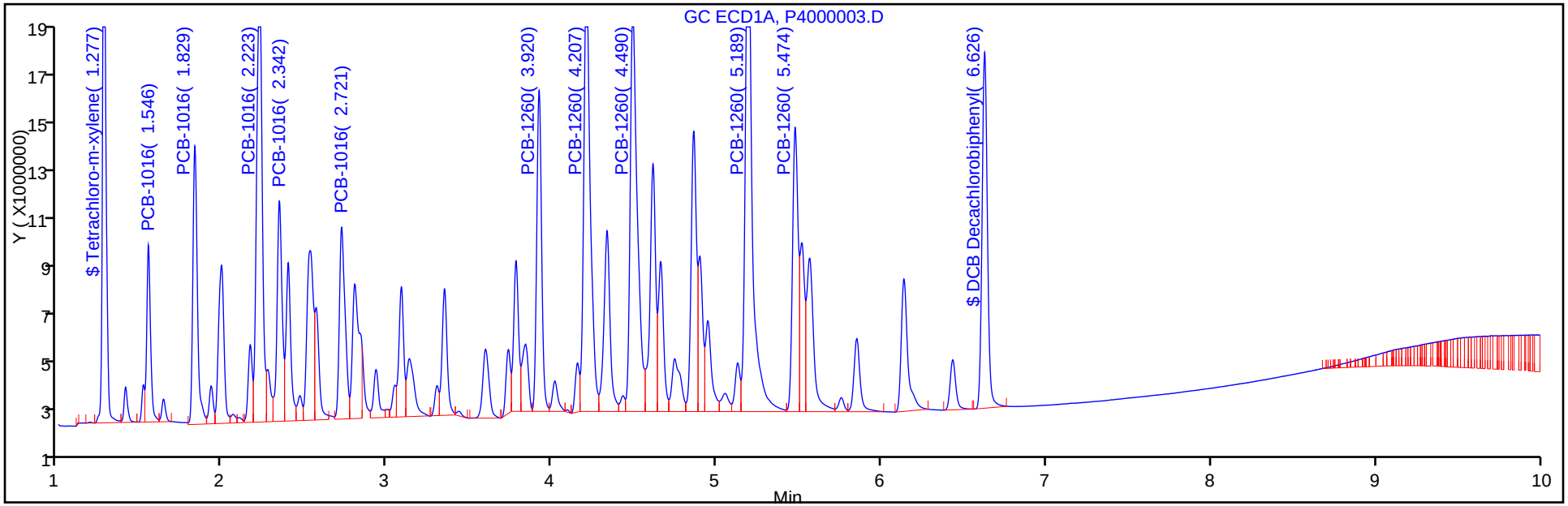
Report Date: 22-Apr-2013 12:47:42 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

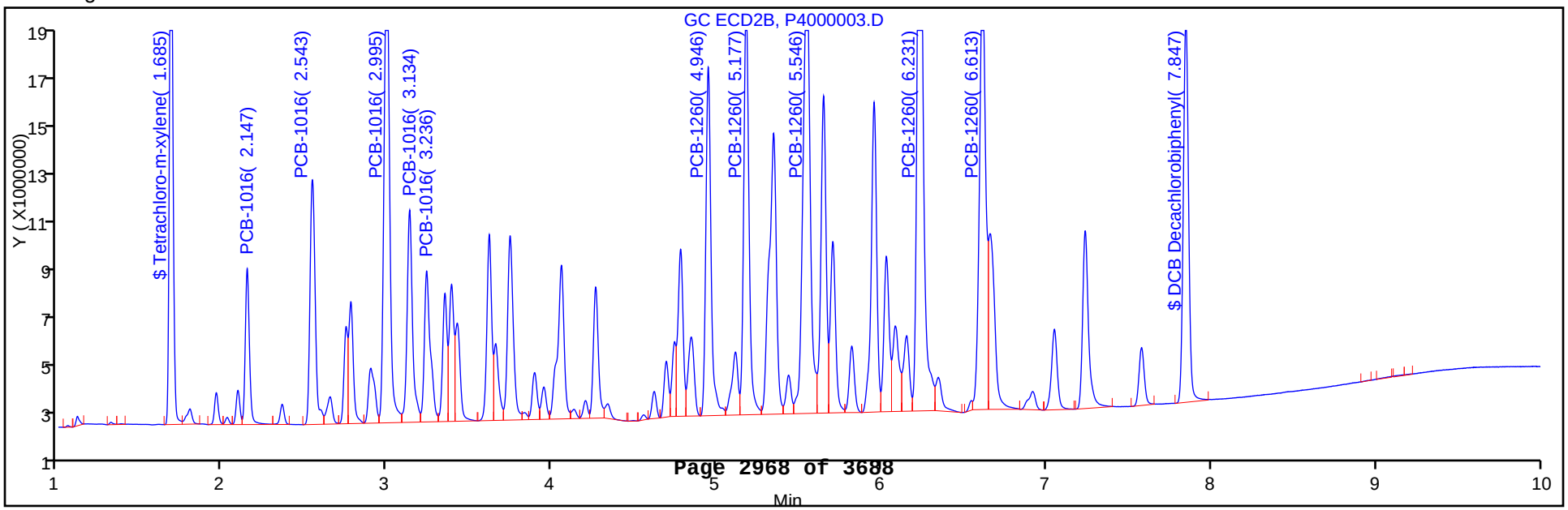
Data File: \\Ncchrom\ChromData\A2HP4\20130419-19070.b\P4000003.D

Injection Date:	19-Apr-2013 21:58:31	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82762	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.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82762/13 Calibration Date: 04/20/2013 00:34

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: P4000013.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	25438664		0.469	0.500	-6.3	20.0
PCB-1016 Peak 2	Ave	48967138	46388432		0.474	0.500	-5.3	20.0
PCB-1016 Peak 3	Ave	93440084	95327342		0.510	0.500	2.0	20.0
PCB-1016 Peak 4	Ave	41962283	41911666		0.499	0.500	-0.1	20.0
PCB-1016 Peak 5	Ave	42399034	41499700		0.489	0.500	-2.1	20.0
PCB-1260 Peak 1	Ave	62400345	59772554		0.479	0.500	-4.2	20.0
PCB-1260 Peak 2	Ave	110128120	110281084		0.501	0.500	0.1	20.0
PCB-1260 Peak 3	Ave	107668512	111599168		0.518	0.500	3.7	20.0
PCB-1260 Peak 4	Ave	129376197	133939260		0.518	0.500	3.5	20.0
PCB-1260 Peak 5	Ave	58244642	62954556		0.540	0.500	8.1	20.0
Tetrachloro-m-xylene	Ave	1583607317	1527719280		0.0241	0.0250	-3.5	20.0
DCB Decachlorobiphenyl	Ave	1335217125	1372285880		0.0257	0.0250	2.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82762/13 Calibration Date: 04/20/2013 00:34

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: P4000013.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	5.48	5.38	5.58
Tetrachloro-m-xylene	1.28	1.18	1.38
DCB Decachlorobiphenyl	6.63	6.53	6.73

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130419-19070.b\P4000013.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 20-Apr-2013 00:34:33 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0019070-013
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 13
Lims Batch ID: 82762 Lims Sample ID: 13
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130419-19070.b\PCB4.m
Last Update: 22-Apr-2013 12:47:38 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: XAWRK003

First Level Reviewer: hassl Date: 22-Apr-2013 12:46:59

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.278	1.278	0.000	38192982	0.0241			
2	2	1.687	1.687	0.000	37527001	0.0238			
						RPD = 1.39			
6 PCB-1016									M
1	100	1.548	1.548	0.000	12719332	0.4687		100.0	
1	2	1.831	1.831	0.000	23194216	0.4737	156.0- 206.0	182.4	M
1	3	2.223	2.223	0.000	47663671	0.5101	312.4- 362.4	374.7	M
1	4	2.343	2.343	0.000	20955833	0.4994	118.7- 188.7	164.8	M
1	5	2.722	2.722	0.000	20749850	0.4894	125.6- 175.6	163.1	M
			Average of Peak Amounts =			0.4883			
2	6	2.149	2.149	0.000	11968686	0.4666		100.0	
2	7	2.545	2.545	0.000	23955716	0.4718	169.6- 229.6	200.2	
2	8	2.997	2.997	0.000	50372613	0.5069	351.4- 411.4	420.9	
2	9	3.136	3.136	0.000	21447740	0.4872	141.3- 201.3	179.2	
2	10	3.240	3.240	0.000	16951810	0.4949	102.5- 162.5	141.6	
			Average of Peak Amounts =			0.4855			
						RPD = 0.56			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.921	3.921	0.000	29886277	0.4789		100.0	
1	2	4.207	4.207	0.000	55140542	0.5007	152.2- 202.2	184.5	
1	3	4.489	4.489	0.000	55799584	0.5183	146.4- 196.4	186.7	
1	4	5.189	5.189	0.000	66969630	0.5176	180.7- 230.7	224.1	
1	5	5.475	5.475	0.000	31477278	0.5404	64.1- 114.1	105.3	
			Average of Peak Amounts =			0.5112			
2	6	4.950	4.950	0.000	33325843	0.4845		100.0	
2	7	5.180	5.180	0.000	39222654	0.4913	87.6- 147.6	117.7	
2	8	5.548	5.548	0.000	59874289	0.5067	144.7- 204.7	179.7	
2	9	6.233	6.233	0.000	74329371	0.5098	187.7- 247.7	223.0	
2	10	6.615	6.615	0.000	48523310	0.5020	115.0- 175.0	145.6	
			Average of Peak Amounts =			0.4988			
						RPD = 2.44			
$ 12 DCB Decachlorobiphenyl									
1	100	6.626	6.626	0.000	34307147	0.0257			
2	2	7.849	7.849	0.000	33132270	0.0227			
						RPD = 12.17			

QC Flag Legend

Review Flags
M - Manually Integrated

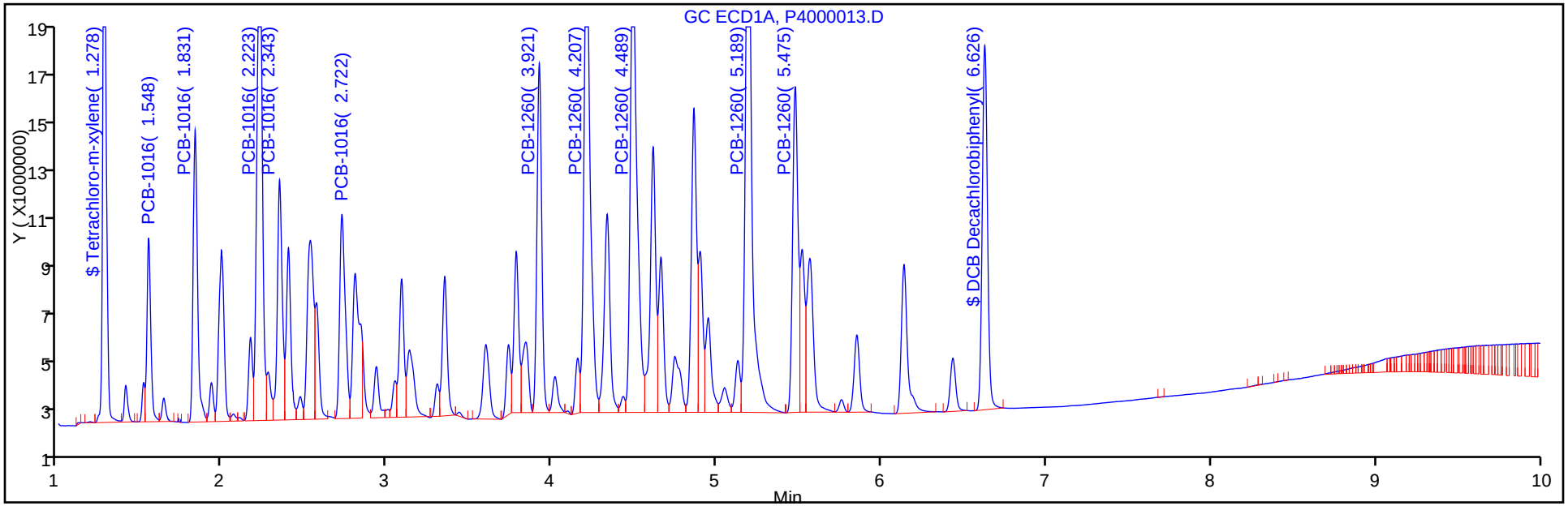
Report Date: 22-Apr-2013 12:47:38 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

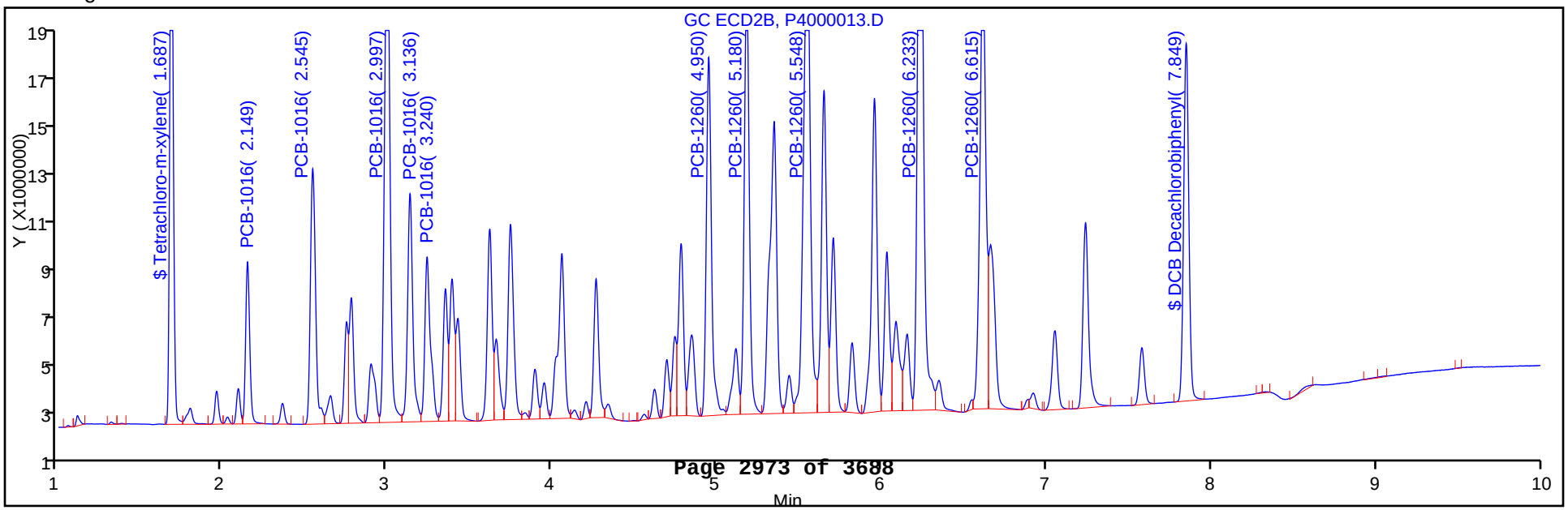
Data File: \\Ncchrom\ChromData\A2HP4\20130419-19070.b\P4000013.D

Injection Date:	20-Apr-2013 00:34:33	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82762	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



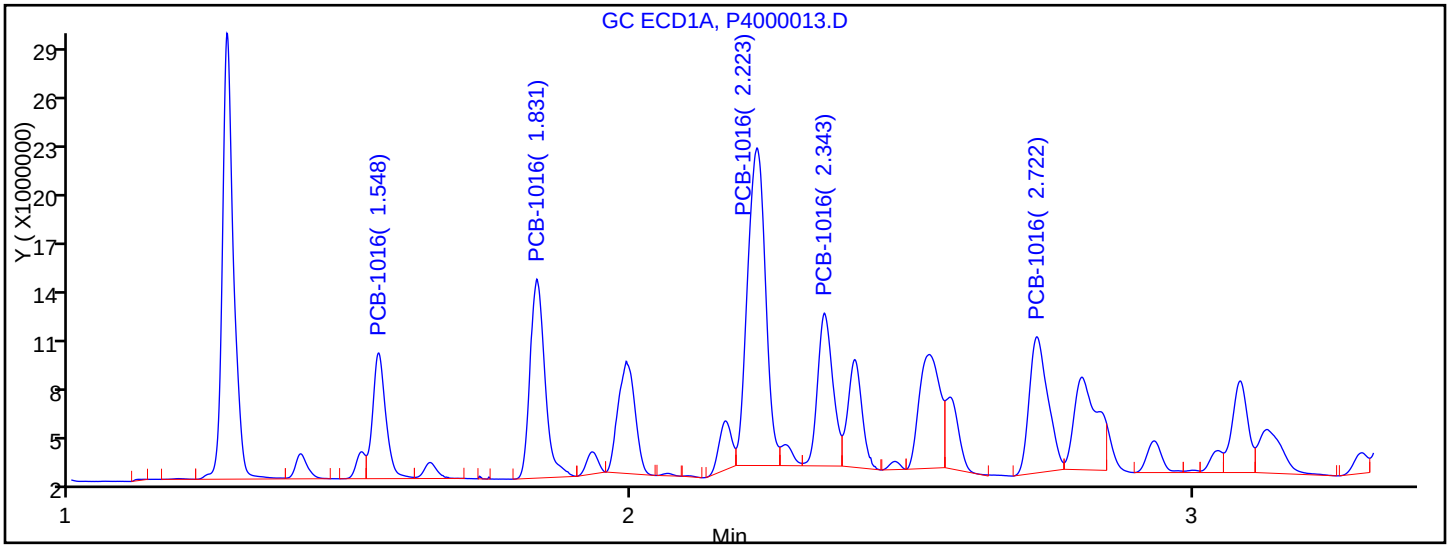
Report Date: 22-Apr-2013 12:47:39 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20130419-19070.b\P4000013.D

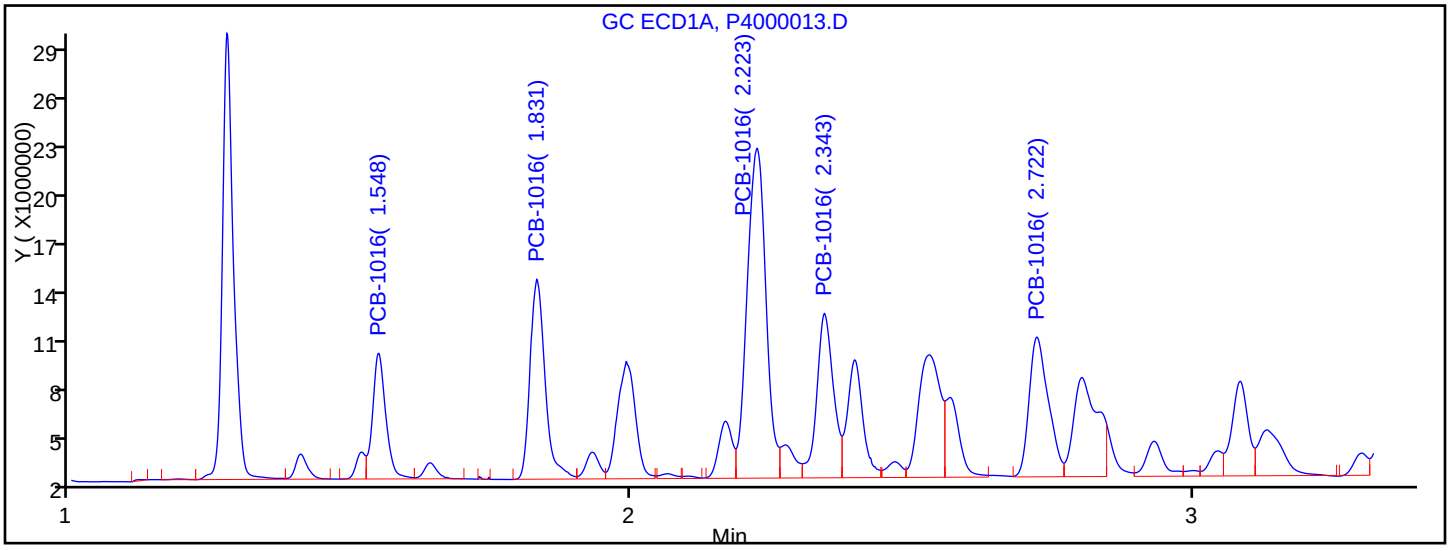
Injection Date:	20-Apr-2013 00:34:33	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82762	Lims Sample ID:	13
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.548	Response = 12719332	
RT = 1.831	Response = 22747653	M
RT = 2.223	Response = 44090498	M
RT = 2.343	Response = 17913180	M
RT = 2.722	Response = 19466168	M



Manual Integration Results

RT = 1.548	Response = 12719332	
RT = 1.831	Response = 23194216	M
RT = 2.223	Response = 47663671	M
RT = 2.343	Response = 20955833	M
RT = 2.722	Response = 20749850	M

Reviewer: hassl, 22-Apr-2013 12:46:59

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82762/13 Calibration Date: 04/20/2013 00:34

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: P4000013.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	23937372		0.467	0.500	-6.7	20.0
PCB-1016 Peak 2	Ave	50771162	47911432		0.472	0.500	-5.6	20.0
PCB-1016 Peak 3	Ave	99379492	100745226		0.507	0.500	1.4	20.0
PCB-1016 Peak 4	Ave	44018240	42895480		0.487	0.500	-2.6	20.0
PCB-1016 Peak 5	Ave	34251515	33903620		0.495	0.500	-1.0	20.0
PCB-1260 Peak 1	Ave	68786213	66651686		0.484	0.500	-3.1	20.0
PCB-1260 Peak 2	Ave	79832052	78445308		0.491	0.500	-1.7	20.0
PCB-1260 Peak 3	Ave	118169923	119748578		0.507	0.500	1.3	20.0
PCB-1260 Peak 4	Ave	145808797	148658742		0.510	0.500	2.0	20.0
PCB-1260 Peak 5	Ave	96662928	97046620		0.502	0.500	0.4	20.0
Tetrachloro-m-xylene	Ave	1577823383	1501080040		0.0238	0.0250	-4.9	20.0
DCB Decachlorobiphenyl	Ave	1456619055	1325290800		0.0227	0.0250	-9.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 240-82762/13 Calibration Date: 04/20/2013 00:34

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: P4000013.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.15	2.05	2.25
PCB-1016 Peak 2	2.55	2.45	2.65
PCB-1016 Peak 3	3.00	2.90	3.10
PCB-1016 Peak 4	3.14	3.04	3.24
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	6.62	6.52	6.72
Tetrachloro-m-xylene	1.69	1.59	1.79
DCB Decachlorobiphenyl	7.85	7.75	7.95

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130419-19070.b\P4000013.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 20-Apr-2013 00:34:33 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0019070-013
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 13
Lims Batch ID: 82762 Lims Sample ID: 13
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130419-19070.b\PCB4.m
Last Update: 22-Apr-2013 12:47:38 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: XAWRK003

First Level Reviewer: hassl Date: 22-Apr-2013 12:46:59

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.278	1.278	0.000	38192982	0.0241			
2	2	1.687	1.687	0.000	37527001	0.0238			
						RPD = 1.39			
6 PCB-1016									M
1	100	1.548	1.548	0.000	12719332	0.4687		100.0	
1	2	1.831	1.831	0.000	23194216	0.4737	156.0- 206.0	182.4	M
1	3	2.223	2.223	0.000	47663671	0.5101	312.4- 362.4	374.7	M
1	4	2.343	2.343	0.000	20955833	0.4994	118.7- 188.7	164.8	M
1	5	2.722	2.722	0.000	20749850	0.4894	125.6- 175.6	163.1	M
			Average of Peak Amounts =			0.4883			
2	6	2.149	2.149	0.000	11968686	0.4666		100.0	
2	7	2.545	2.545	0.000	23955716	0.4718	169.6- 229.6	200.2	
2	8	2.997	2.997	0.000	50372613	0.5069	351.4- 411.4	420.9	
2	9	3.136	3.136	0.000	21447740	0.4872	141.3- 201.3	179.2	
2	10	3.240	3.240	0.000	16951810	0.4949	102.5- 162.5	141.6	
			Average of Peak Amounts =			0.4855			
						RPD = 0.56			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.921	3.921	0.000	29886277	0.4789		100.0	
1	2	4.207	4.207	0.000	55140542	0.5007	152.2- 202.2	184.5	
1	3	4.489	4.489	0.000	55799584	0.5183	146.4- 196.4	186.7	
1	4	5.189	5.189	0.000	66969630	0.5176	180.7- 230.7	224.1	
1	5	5.475	5.475	0.000	31477278	0.5404	64.1- 114.1	105.3	
			Average of Peak Amounts =			0.5112			
2	6	4.950	4.950	0.000	33325843	0.4845		100.0	
2	7	5.180	5.180	0.000	39222654	0.4913	87.6- 147.6	117.7	
2	8	5.548	5.548	0.000	59874289	0.5067	144.7- 204.7	179.7	
2	9	6.233	6.233	0.000	74329371	0.5098	187.7- 247.7	223.0	
2	10	6.615	6.615	0.000	48523310	0.5020	115.0- 175.0	145.6	
			Average of Peak Amounts =			0.4988			
						RPD = 2.44			
$ 12 DCB Decachlorobiphenyl									
1	100	6.626	6.626	0.000	34307147	0.0257			
2	2	7.849	7.849	0.000	33132270	0.0227			
						RPD = 12.17			

QC Flag Legend

Review Flags
M - Manually Integrated

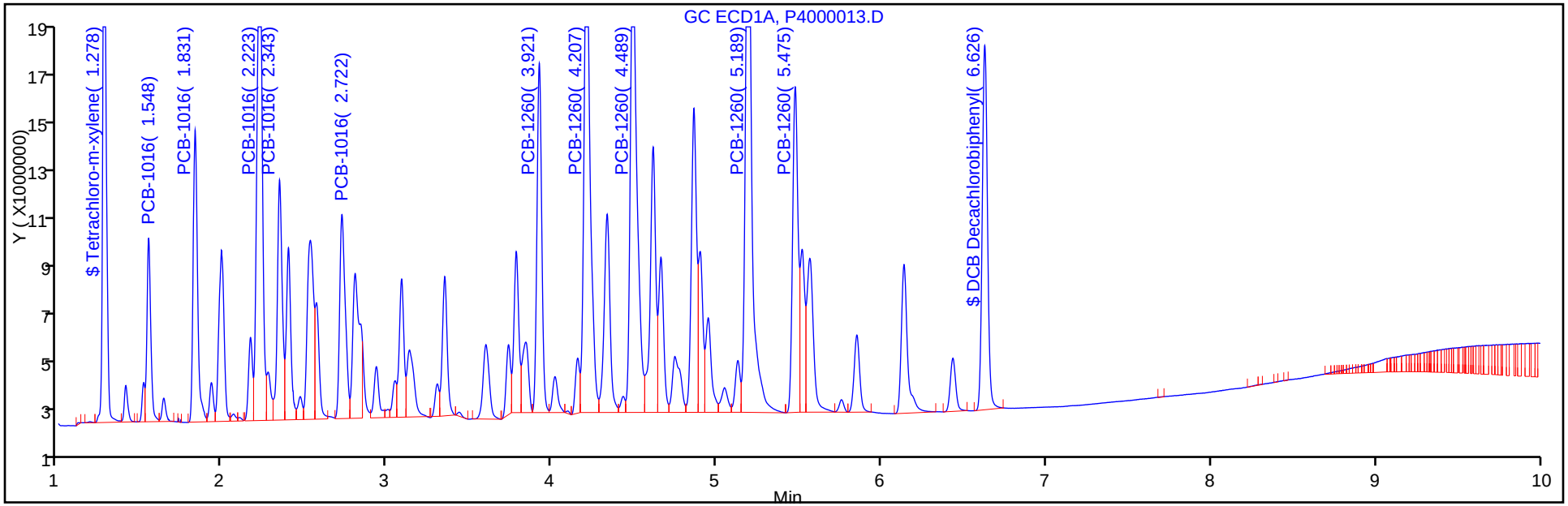
Report Date: 22-Apr-2013 12:47:39 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

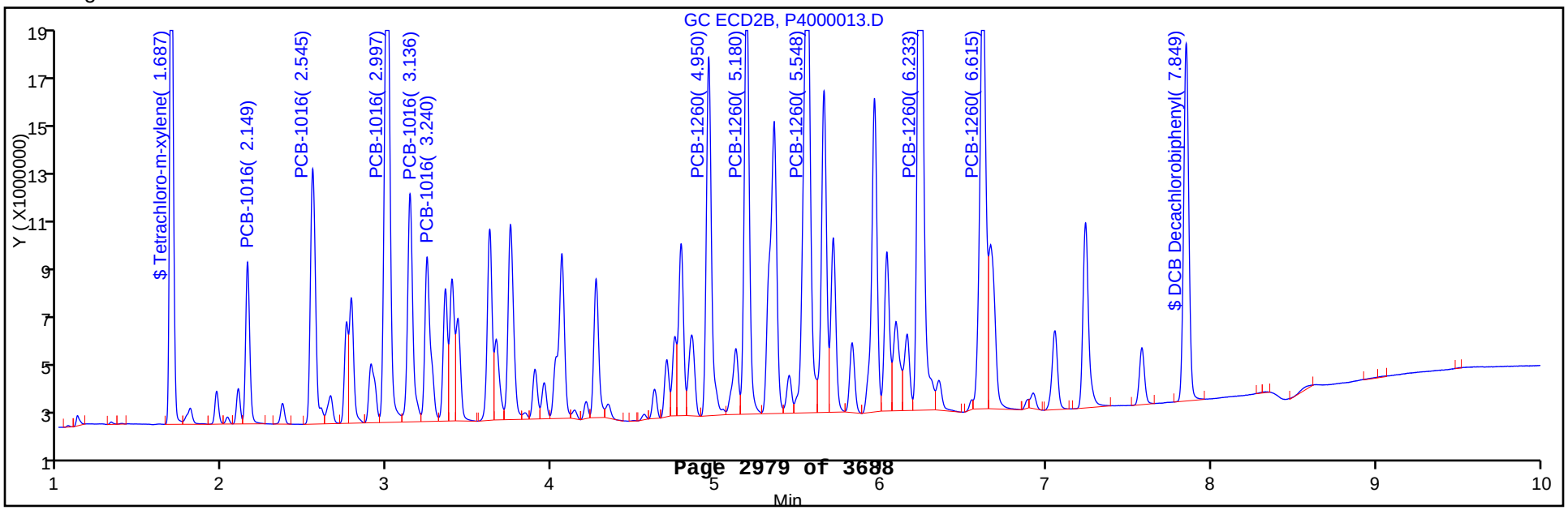
Data File: \\Ncchrom\ChromData\A2HP4\20130419-19070.b\P4000013.D

Injection Date:	20-Apr-2013 00:34:33	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82762	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.: 240-22804-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-80942/6-A

Matrix: Water Lab File ID: P4000014.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: 3520C Date Extracted: 04/08/2013 09:21

Sample wt/vol: 1000(mL) Date Analyzed: 04/15/2013 17:07

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.: 81995 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	64		40-140
2051-24-3	DCB Decachlorobiphenyl	75		40-135

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130415-18879.b\P4000014.D
Lims ID: MB 240-80942/6-A Client ID:
Inject. Date: 15-Apr-2013 17:07:40 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0018879-014
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 14
Lims Batch ID: 81995 Lims Sample ID: 14
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130415-18879.b\PCB4.m
Last Update: 16-Apr-2013 08:56:39 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: XAWRK021

First Level Reviewer: hassl Date: 16-Apr-2013 08:54:53

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	1.273	0.001	40302210	0.0254			
2	2	1.682	1.679	0.003	38792324	0.0246			
						RPD = 3.45			
3 PCB-1221									1
1	2		1.404						
1	3		1.512						
1	4		1.542						
2	4		1.954						
2	5		2.086						
2	6		2.142						
6 PCB-1016									
1	100		1.542						
1	2		1.824						
1	3		2.215						
1	4		2.335						
1	5		2.714						
2	6		2.140						
2	7		2.536						
2	8		2.987						
2	9		3.126						
2	10		3.229						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.543						
1	2		1.824						
1	3		2.215						
1	4		2.336						
1	5		2.714						
2	6		2.141						
2	7		2.537						
2	8		2.989						
2	9		3.127						
2	10		3.737						
4 PCB-1232									
1	100		1.543						
1	2		1.825						
1	3		2.216						
1	4		2.337						
1	5		2.715						
2	6		2.143						
2	7		2.538						
2	8		2.989						
2	9		3.128						
2	10		3.737						
7 PCB-1248									
1	86		1.823						
1	2		2.214						
1	3		2.714						
1	4		3.293						
1	5		3.724						
2	6		2.535						
2	7		2.988						
2	8		3.735						
2	9		4.011						
2	10		4.733						
8 PCB-1254									
1	100		3.337						
1	2		3.724						
1	3		4.008						
1	4		4.196						
1	5		4.480						
2	6		4.257						
2	7		4.733						
2	8		4.978						
2	9		5.339						
2	10		5.541						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.912						
1	2		4.198						
1	3		4.479						
1	4		5.179						
1	5		5.463						
2	6		4.939						
2	7		5.169						
2	8		5.538						
2	9		6.222						
2	10		6.604						
9 PCB-1262									
1	100		4.201						
1	2		4.603						
1	3		4.850						
1	4		5.178						
1	5		5.553						
2	6		5.171						
2	7		5.640						
2	8		5.947						
2	9		6.223						
2	10		6.601						
11 PCB-1268									
1	100		5.510						
1	2		5.548						
1	3		5.745						
1	4		6.125						
1	5		6.420						
2	6		6.600						
2	7		6.647						
2	8		6.911						
2	9		7.227						
2	10		7.569						
$ 12 DCB Decachlorobiphenyl									
1	100	6.615	6.615	0.000	40105819	0.0300			
2	2	7.838	7.838	0.000	37965521	0.0261			
						RPD = 14.16			

QC Flag Legend

Processing Flags
1 - Missing Peaks

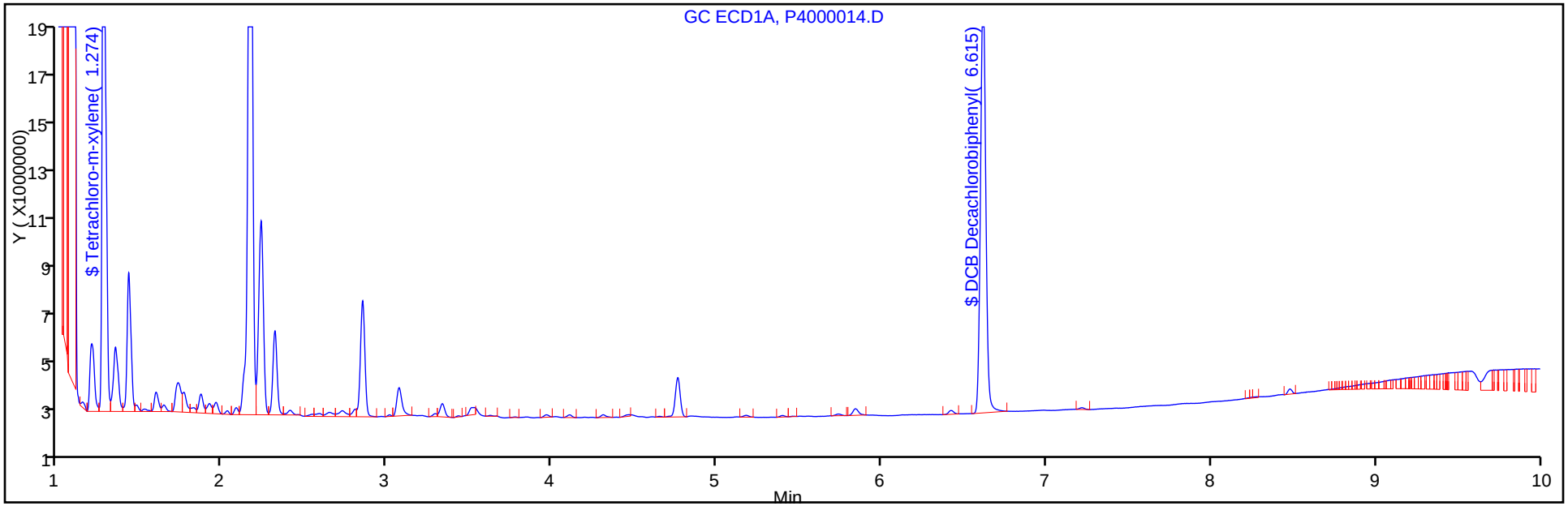
Report Date: 16-Apr-2013 08:56:44 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

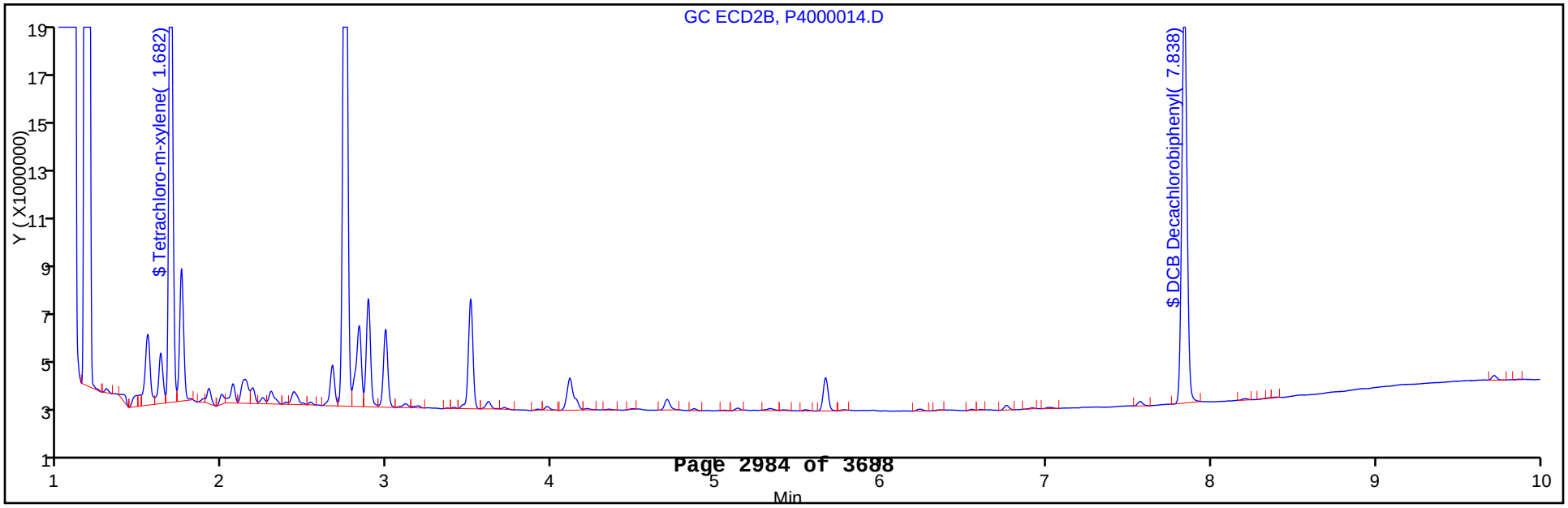
Data File: \\Ncchrom\ChromData\A2HP4\20130415-18879.b\P4000014.D

Injection Date:	15-Apr-2013 17:07:40	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81995	Lims Sample ID:	14
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.: 240-22804-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-80942/6-A

Matrix: Water | Lab File ID: P4000014.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: 3520C | Date Extracted: 04/08/2013 09:21

Sample wt/vol: 1000(mL) | Date Analyzed: 04/15/2013 17:07

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.: 81995 | 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	61		40-140
2051-24-3	DCB Decachlorobiphenyl	65		40-135

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130415-18879.b\P4000014.D
Lims ID: MB 240-80942/6-A Client ID:
Inject. Date: 15-Apr-2013 17:07:40 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0018879-014
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 14
Lims Batch ID: 81995 Lims Sample ID: 14
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130415-18879.b\PCB4.m
Last Update: 16-Apr-2013 08:56:39 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: XAWRK021

First Level Reviewer: hassl Date: 16-Apr-2013 08:54:53

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	1.273	0.001	40302210	0.0254			
2	2	1.682	1.679	0.003	38792324	0.0246			
						RPD = 3.45			
3 PCB-1221									1
1	2		1.404						
1	3		1.512						
1	4		1.542						
2	4		1.954						
2	5		2.086						
2	6		2.142						
6 PCB-1016									
1	100		1.542						
1	2		1.824						
1	3		2.215						
1	4		2.335						
1	5		2.714						
2	6		2.140						
2	7		2.536						
2	8		2.987						
2	9		3.126						
2	10		3.229						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.543						
1	2		1.824						
1	3		2.215						
1	4		2.336						
1	5		2.714						
2	6		2.141						
2	7		2.537						
2	8		2.989						
2	9		3.127						
2	10		3.737						
4 PCB-1232									
1	100		1.543						
1	2		1.825						
1	3		2.216						
1	4		2.337						
1	5		2.715						
2	6		2.143						
2	7		2.538						
2	8		2.989						
2	9		3.128						
2	10		3.737						
7 PCB-1248									
1	86		1.823						
1	2		2.214						
1	3		2.714						
1	4		3.293						
1	5		3.724						
2	6		2.535						
2	7		2.988						
2	8		3.735						
2	9		4.011						
2	10		4.733						
8 PCB-1254									
1	100		3.337						
1	2		3.724						
1	3		4.008						
1	4		4.196						
1	5		4.480						
2	6		4.257						
2	7		4.733						
2	8		4.978						
2	9		5.339						
2	10		5.541						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.912						
1	2		4.198						
1	3		4.479						
1	4		5.179						
1	5		5.463						
2	6		4.939						
2	7		5.169						
2	8		5.538						
2	9		6.222						
2	10		6.604						
9 PCB-1262									
1	100		4.201						
1	2		4.603						
1	3		4.850						
1	4		5.178						
1	5		5.553						
2	6		5.171						
2	7		5.640						
2	8		5.947						
2	9		6.223						
2	10		6.601						
11 PCB-1268									
1	100		5.510						
1	2		5.548						
1	3		5.745						
1	4		6.125						
1	5		6.420						
2	6		6.600						
2	7		6.647						
2	8		6.911						
2	9		7.227						
2	10		7.569						
$ 12 DCB Decachlorobiphenyl									
1	100	6.615	6.615	0.000	40105819	0.0300			
2	2	7.838	7.838	0.000	37965521	0.0261			
						RPD = 14.16			

QC Flag Legend

Processing Flags
1 - Missing Peaks

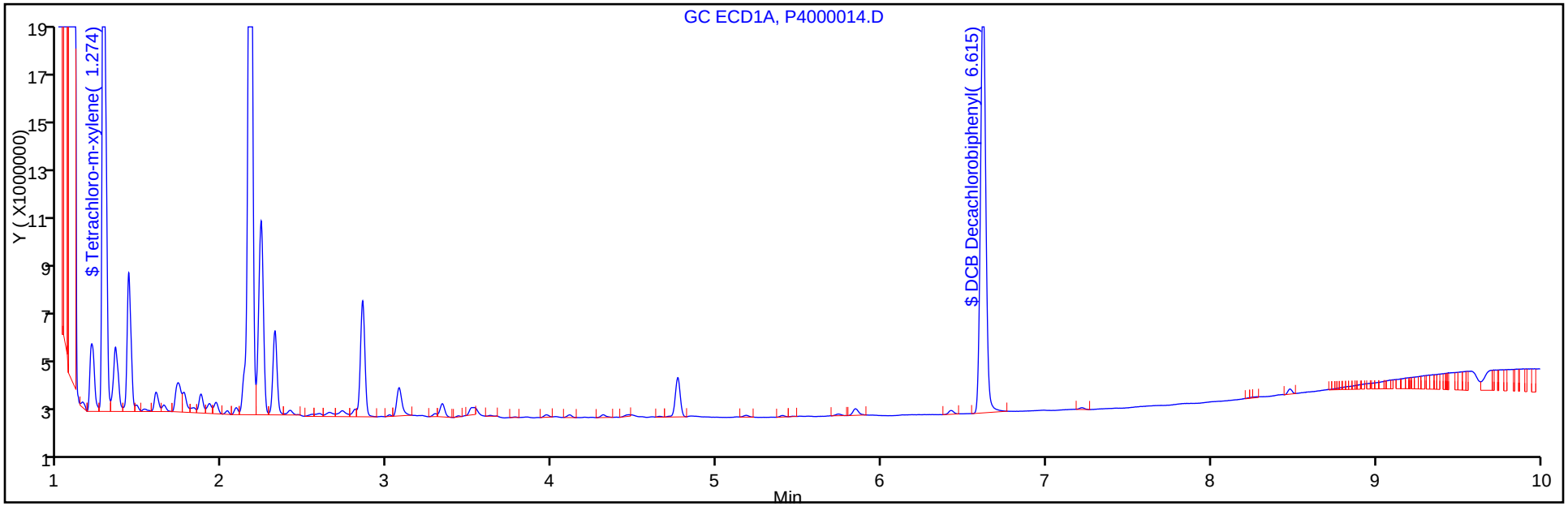
Report Date: 16-Apr-2013 08:56:44 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

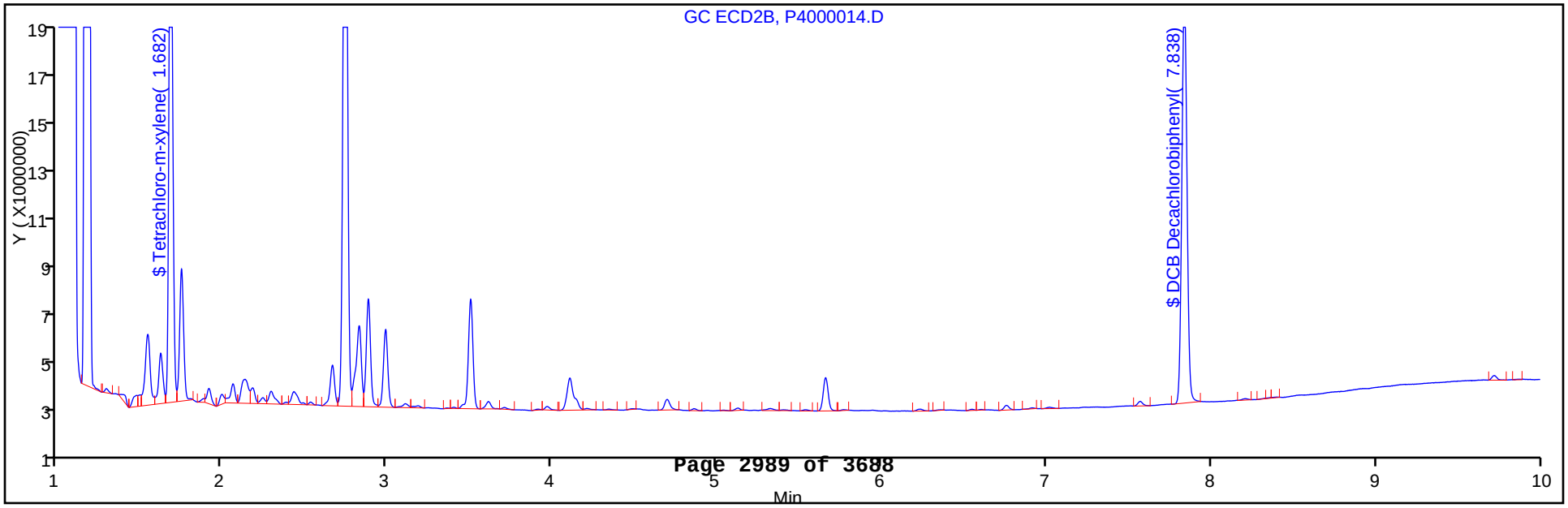
Data File: \\Ncchrom\ChromData\A2HP4\20130415-18879.b\P4000014.D

Injection Date:	15-Apr-2013 17:07:40	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81995	Lims Sample ID:	14
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.: 240-22804-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-81730/20-A

Matrix: Solid Lab File ID: P4000013.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: 3540C Date Extracted: 04/12/2013 11:18

Sample wt/vol: 30.00(g) Date Analyzed: 04/18/2013 12:13

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.: 82363 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	60		40-140
2051-24-3	DCB Decachlorobiphenyl	262	Q	60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000013.D
Lims ID: MB 240-81730/20-A Client ID:
Inject. Date: 18-Apr-2013 12:13:34 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0018971-013
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 13
Lims Batch ID: 82363 Lims Sample ID: 13
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\PCB4.m
Last Update: 19-Apr-2013 14:47:51 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 14:42:47

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	1.275	1.276	-0.001	19126405	0.0121			
2	2	1.682	1.682	0.000	18602148	0.0118			
						RPD = 2.41			
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	2		1.827						
1	3		2.221						
1	4		2.340						
1	5		2.717						
2	6		2.145						
2	7		2.541						
2	8		2.992						
2	9		3.131						
2	10		3.234						
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						
1	2		4.201						
1	3		4.482						
1	4		5.182						
1	5		5.467						
2	6		4.943						
2	7		5.173						
2	8		5.542						
2	9		6.226						
2	10		6.607						
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	6.626	6.620	0.006	69952065	0.0524			
2	2	7.842	7.841	0.001	18202125	0.0125			
						RPD = 122.97			

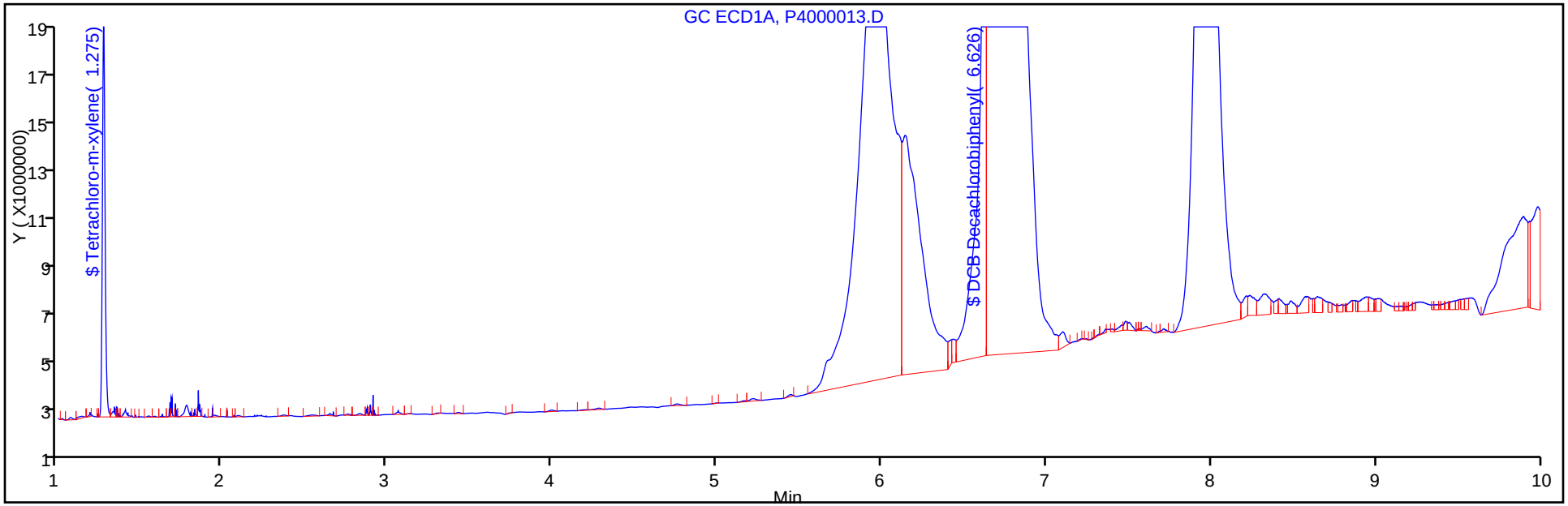
Report Date: 19-Apr-2013 14:47:52 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

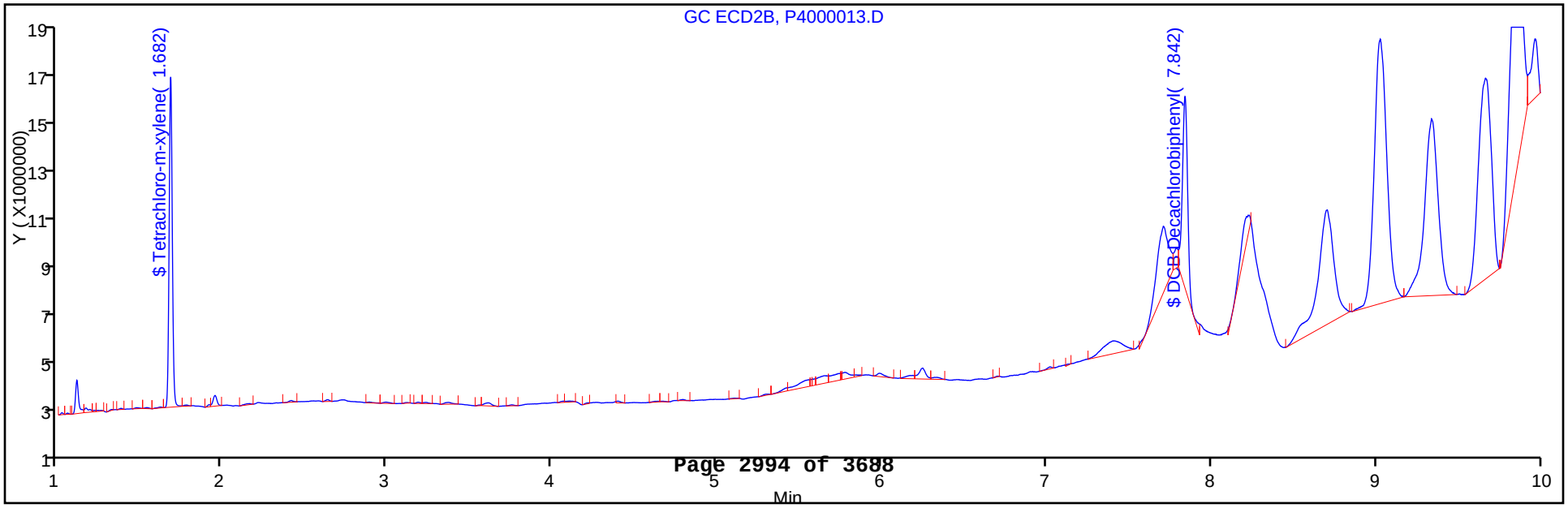
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000013.D

Injection Date:	18-Apr-2013 12:13:34	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82363	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.: 240-22804-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-81730/20-A

Matrix: Solid Lab File ID: P4000013.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: 3540C Date Extracted: 04/12/2013 11:18

Sample wt/vol: 30.00(g) Date Analyzed: 04/18/2013 12:13

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.: 82363 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	59		40-140
2051-24-3	DCB Decachlorobiphenyl	62		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000013.D
Lims ID: MB 240-81730/20-A Client ID:
Inject. Date: 18-Apr-2013 12:13:34 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0018971-013
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 13
Lims Batch ID: 82363 Lims Sample ID: 13
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\PCB4.m
Last Update: 19-Apr-2013 14:47:51 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 14:42:47

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	1.275	1.276	-0.001	19126405	0.0121			
2	2	1.682	1.682	0.000	18602148	0.0118			
						RPD = 2.41			
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	2		1.827						
1	3		2.221						
1	4		2.340						
1	5		2.717						
2	6		2.145						
2	7		2.541						
2	8		2.992						
2	9		3.131						
2	10		3.234						
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						
1	2		4.201						
1	3		4.482						
1	4		5.182						
1	5		5.467						
2	6		4.943						
2	7		5.173						
2	8		5.542						
2	9		6.226						
2	10		6.607						
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	6.626	6.620	0.006	69952065	0.0524			
2	2	7.842	7.841	0.001	18202125	0.0125			
						RPD = 122.97			

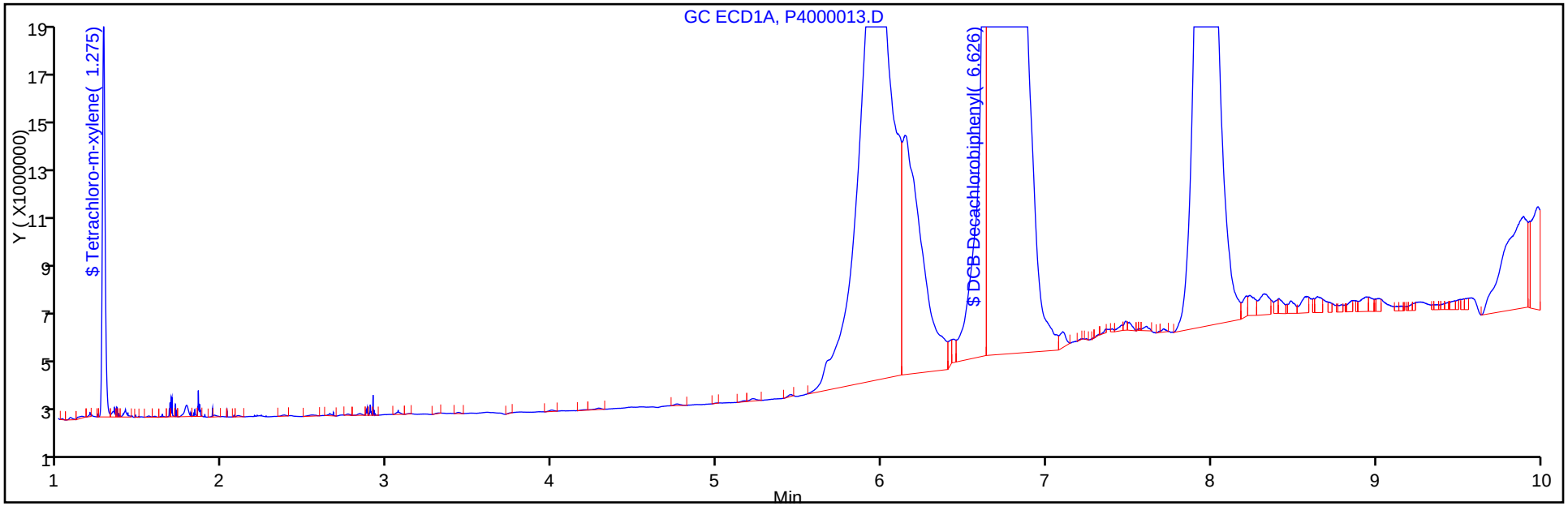
Report Date: 19-Apr-2013 14:47:53 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

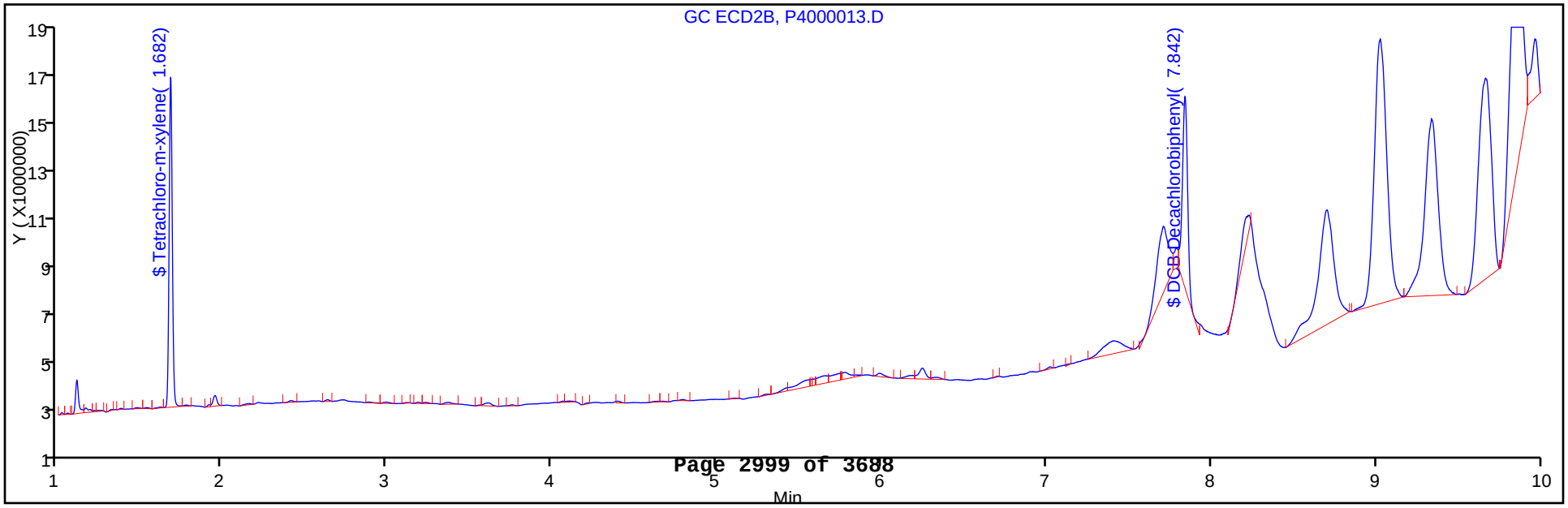
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000013.D

Injection Date:	18-Apr-2013 12:13:34	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82363	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.: 240-22804-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-80942/7-A

Matrix: Water | Lab File ID: P4000015.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: 3520C | Date Extracted: 04/08/2013 09:21

Sample wt/vol: 1000(mL) | Date Analyzed: 04/15/2013 17:23

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.: 81995 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	70		40-140
2051-24-3	DCB Decachlorobiphenyl	67		40-135

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130415-18879.b\P4000015.D
Lims ID: LCS 240-80942/7-A
Client ID:
Inject. Date: 15-Apr-2013 17:23:18
Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0018879-015
Misc. Info.:
Operator:
Instrument ID: A2HP4
Injection Vol: 1.0 uL
ALS Bottle#: 15
Lims Batch ID: 81995
Lims Sample ID: 15
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130415-18879.b\PCB4.m
Last Update: 16-Apr-2013 08:56:39
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: XAWRK021

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.275	1.273	0.002	44075983	0.0278			
2	2	1.682	1.679	0.003	44541352	0.0282			
						RPD = 1.42			
6 PCB-1016									
1	100	1.544	1.542	0.002	19077328	0.7030		100.0	
1	2	1.826	1.824	0.002	38746971	0.7913	156.0- 206.0	203.1	
1	3	2.218	2.215	0.003	85504205	0.9151	312.4- 362.4	448.2	
1	4	2.337	2.335	0.002	36847200	0.8781	118.7- 188.7	193.1	
1	5	2.715	2.714	0.001	36276232	0.8556	125.6- 175.6	190.2	
			Average of Peak Amounts =			0.8286			
2	6	2.143	2.140	0.003	19560328	0.7626		100.0	
2	7	2.538	2.536	0.002	38307068	0.7545	169.6- 229.6	195.8	
2	8	2.990	2.987	0.003	84319141	0.8485	351.4- 411.4	431.1	
2	9	3.128	3.126	0.002	34621755	0.7865	141.3- 201.3	177.0	
2	10	3.232	3.229	0.003	27441629	0.8012	102.5- 162.5	140.3	
			Average of Peak Amounts =			0.7907			
						RPD = 4.69			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.913	3.912	0.001	49105840	0.7869		100.0	
1	2	4.199	4.198	0.001	88243523	0.8013	152.2- 202.2	179.7	
1	3	4.479	4.479	0.000	91468767	0.8495	146.4- 196.4	186.3	
1	4	5.179	5.179	0.000	115286847	0.8911	180.7- 230.7	234.8	
1	5	5.463	5.463	0.000	57328747	0.9843	64.1- 114.1	116.7	
			Average of Peak Amounts =			0.8626			
2	6	4.941	4.939	0.002	54287702	0.7892		100.0	
2	7	5.170	5.169	0.001	65566736	0.8213	87.6- 147.6	120.8	
2	8	5.539	5.538	0.001	99095782	0.8386	144.7- 204.7	182.5	
2	9	6.223	6.222	0.001	125210064	0.8587	187.7- 247.7	230.6	
2	10	6.605	6.604	0.001	82822915	0.8568	115.0- 175.0	152.6	
			Average of Peak Amounts =			0.8329			
						RPD = 3.50			
$ 12 DCB Decachlorobiphenyl									
1	100	6.616	6.615	0.001	35862732	0.0269			
2	2	7.838	7.838	0.000	34717566	0.0238			
						RPD = 11.93			

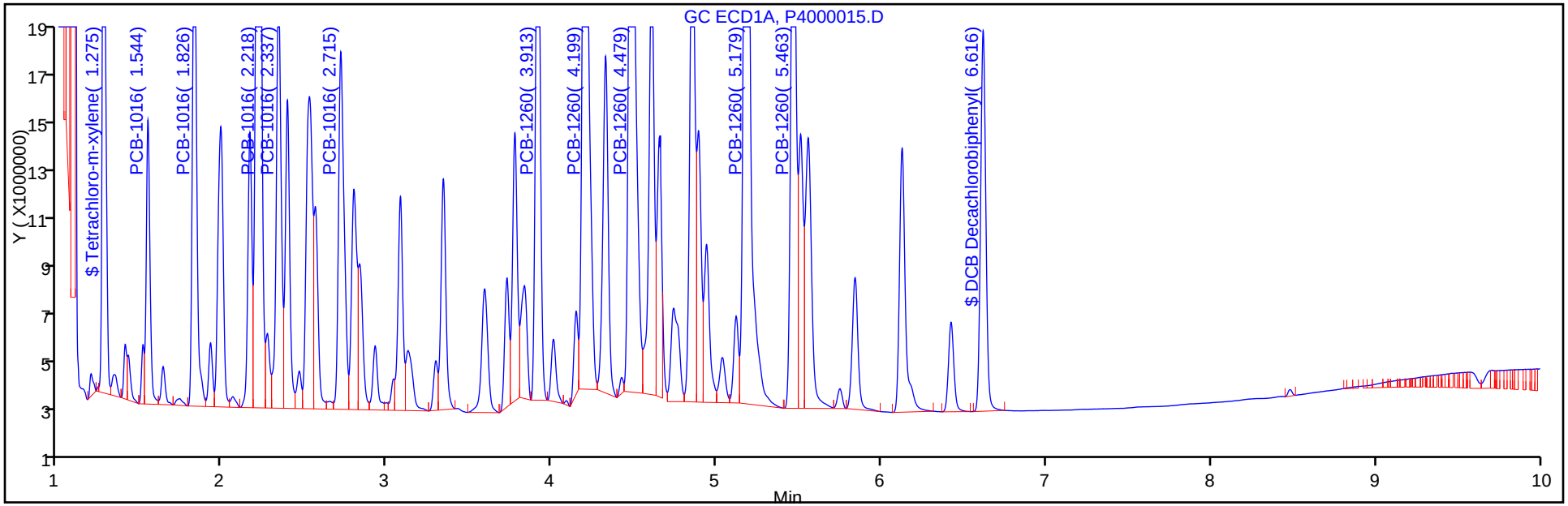
Report Date: 16-Apr-2013 08:56:46 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

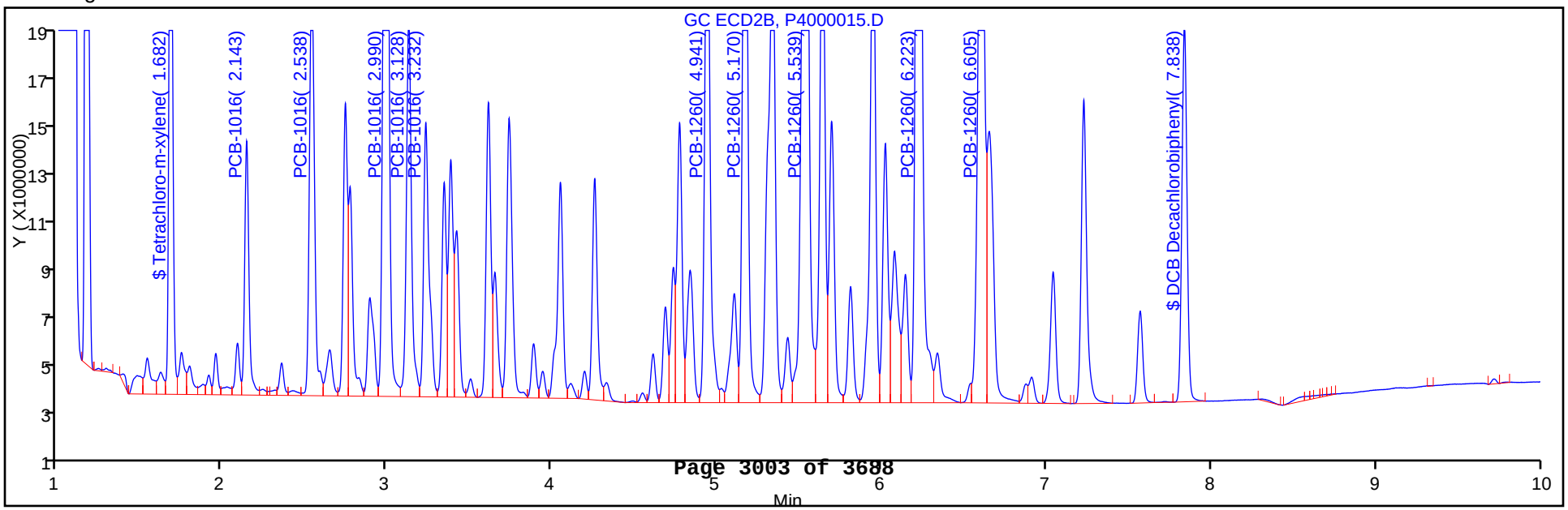
Data File: \\Ncchrom\ChromData\A2HP4\20130415-18879.b\P4000015.D

Injection Date:	15-Apr-2013 17:23:18	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81995	Lims Sample ID:	15
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.: 240-22804-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-80942/7-A

Matrix: Water | Lab File ID: P4000015.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: 3520C | Date Extracted: 04/08/2013 09:21

Sample wt/vol: 1000(mL) | Date Analyzed: 04/15/2013 17:23

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.: 81995 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
12674-11-2	Aroclor-1016	3.95		0.50	0.20	0.17
11096-82-5	Aroclor-1260	4.16		0.50	0.20	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	71		40-140
2051-24-3	DCB Decachlorobiphenyl	60		40-135

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130415-18879.b\P4000015.D
Lims ID: LCS 240-80942/7-A
Client ID:
Inject. Date: 15-Apr-2013 17:23:18
Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0018879-015
Misc. Info.:
Operator:
Instrument ID: A2HP4
Injection Vol: 1.0 uL
ALS Bottle#: 15
Lims Batch ID: 81995
Lims Sample ID: 15
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130415-18879.b\PCB4.m
Last Update: 16-Apr-2013 08:56:39
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: XAWRK021

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.275	1.273	0.002	44075983	0.0278			
2	2	1.682	1.679	0.003	44541352	0.0282			
						RPD = 1.42			
6 PCB-1016									
1	100	1.544	1.542	0.002	19077328	0.7030		100.0	
1	2	1.826	1.824	0.002	38746971	0.7913	156.0- 206.0	203.1	
1	3	2.218	2.215	0.003	85504205	0.9151	312.4- 362.4	448.2	
1	4	2.337	2.335	0.002	36847200	0.8781	118.7- 188.7	193.1	
1	5	2.715	2.714	0.001	36276232	0.8556	125.6- 175.6	190.2	
			Average of Peak Amounts =			0.8286			
2	6	2.143	2.140	0.003	19560328	0.7626		100.0	
2	7	2.538	2.536	0.002	38307068	0.7545	169.6- 229.6	195.8	
2	8	2.990	2.987	0.003	84319141	0.8485	351.4- 411.4	431.1	
2	9	3.128	3.126	0.002	34621755	0.7865	141.3- 201.3	177.0	
2	10	3.232	3.229	0.003	27441629	0.8012	102.5- 162.5	140.3	
			Average of Peak Amounts =			0.7907			
						RPD = 4.69			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.913	3.912	0.001	49105840	0.7869		100.0	
1	2	4.199	4.198	0.001	88243523	0.8013	152.2- 202.2	179.7	
1	3	4.479	4.479	0.000	91468767	0.8495	146.4- 196.4	186.3	
1	4	5.179	5.179	0.000	115286847	0.8911	180.7- 230.7	234.8	
1	5	5.463	5.463	0.000	57328747	0.9843	64.1- 114.1	116.7	
			Average of Peak Amounts =			0.8626			
2	6	4.941	4.939	0.002	54287702	0.7892		100.0	
2	7	5.170	5.169	0.001	65566736	0.8213	87.6- 147.6	120.8	
2	8	5.539	5.538	0.001	99095782	0.8386	144.7- 204.7	182.5	
2	9	6.223	6.222	0.001	125210064	0.8587	187.7- 247.7	230.6	
2	10	6.605	6.604	0.001	82822915	0.8568	115.0- 175.0	152.6	
			Average of Peak Amounts =			0.8329			
						RPD = 3.50			
$ 12 DCB Decachlorobiphenyl									
1	100	6.616	6.615	0.001	35862732	0.0269			
2	2	7.838	7.838	0.000	34717566	0.0238			
						RPD = 11.93			

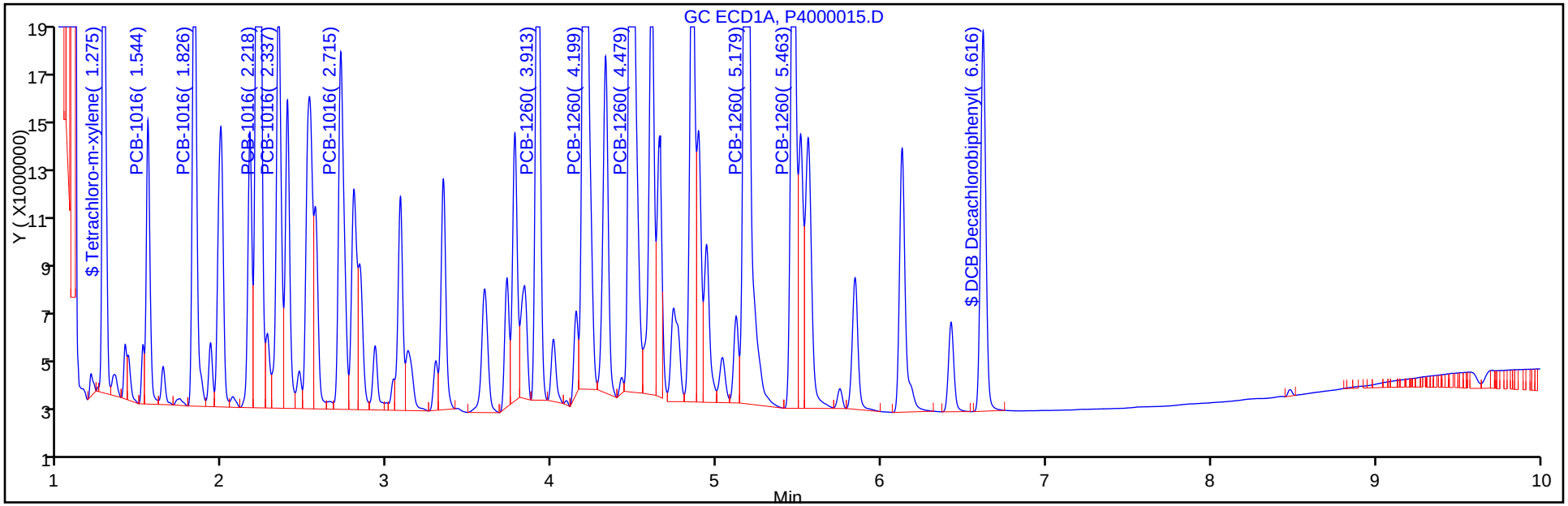
Report Date: 16-Apr-2013 08:56:46 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

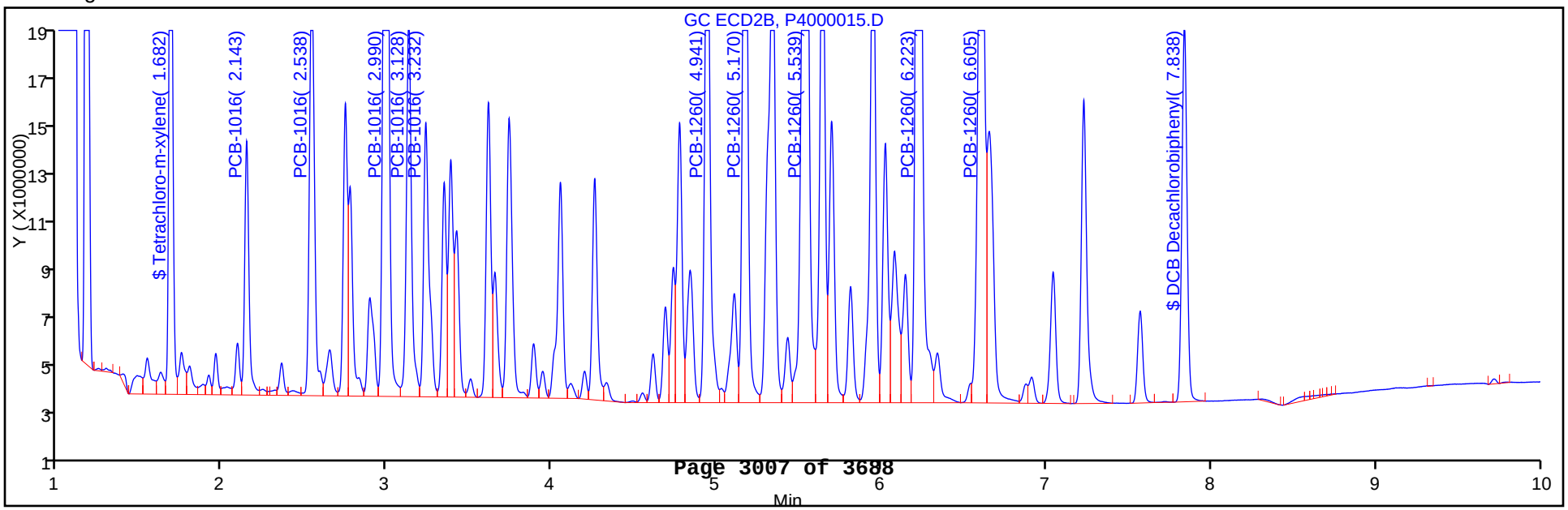
Data File: \\Ncchrom\ChromData\A2HP4\20130415-18879.b\P4000015.D

Injection Date:	15-Apr-2013 17:23:18	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81995	Lims Sample ID:	15
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.: 240-22804-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-81730/21-A

Matrix: Solid Lab File ID: P4000024.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: 3540C Date Extracted: 04/12/2013 11:18

Sample wt/vol: 30.00(g) Date Analyzed: 04/18/2013 15:05

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.: 82363 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	77		40-140
2051-24-3	DCB Decachlorobiphenyl	88		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000024.D
Lims ID: LCS 240-81730/21-A
Client ID:
Inject. Date: 18-Apr-2013 15:05:44
Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0018971-024
Misc. Info.:
Operator:
Instrument ID: A2HP4
Injection Vol: 1.0 uL
ALS Bottle#: 24
Lims Batch ID: 82363
Lims Sample ID: 24
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\PCB4.m
Last Update: 19-Apr-2013 14:48:03
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	1.275	0.002	24433068	0.0154			
2	2	1.683	1.683	0.000	25087942	0.0159			
						RPD = 3.01			
6 PCB-1016									
1	100	1.546	1.545	0.001	19129369	0.7049		100.0	
1	2	1.827	1.827	0.000	38527018	0.7868	156.0- 206.0	201.4	
1	3	2.220	2.219	0.001	83888334	0.8978	312.4- 362.4	438.5	
1	4	2.341	2.339	0.002	36034411	0.8587	118.7- 188.7	188.4	
1	5	2.718	2.717	0.001	34339952	0.8099	125.6- 175.6	179.5	
			Average of Peak Amounts =			0.8116			
2	6	2.146	2.145	0.001	18626554	0.7262		100.0	
2	7	2.542	2.541	0.001	37309844	0.7349	169.6- 229.6	200.3	
2	8	2.994	2.993	0.001	85134446	0.8567	351.4- 411.4	457.1	
2	9	3.132	3.131	0.001	34532866	0.7845	141.3- 201.3	185.4	
2	10	3.235	3.235	0.000	27694807	0.8086	102.5- 162.5	148.7	
			Average of Peak Amounts =			0.7822			
						RPD = 3.70			

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	51938501	0.8323		100.0	
1	2	4.202	4.203	-0.001	95699517	0.8690	152.2- 202.2	184.3	
1	3	4.484	4.483	0.001	98839402	0.9180	146.4- 196.4	190.3	
1	4	5.183	5.184	-0.001	118276961	0.9142	180.7- 230.7	227.7	
1	5	5.467	5.467	0.000	58006497	1.00	64.1- 114.1	111.7	
			Average of Peak Amounts =			0.9059			
2	6	4.945	4.944	0.001	54671781	0.7948		100.0	
2	7	5.174	5.175	-0.001	63668379	0.7975	87.6- 147.6	116.5	
2	8	5.543	5.543	0.000	101803660	0.8615	144.7- 204.7	186.2	
2	9	6.228	6.228	0.000	129310267	0.8868	187.7- 247.7	236.5	
2	10	6.609	6.609	0.000	88493654	0.9155	115.0- 175.0	161.9	
			Average of Peak Amounts =			0.8512			
						RPD = 6.22			
$ 12 DCB Decachlorobiphenyl									
1	100	6.621	6.619	0.002	23446265	0.0176			
2	2	7.844	7.843	0.001	23460086	0.0161			
						RPD = 8.64			

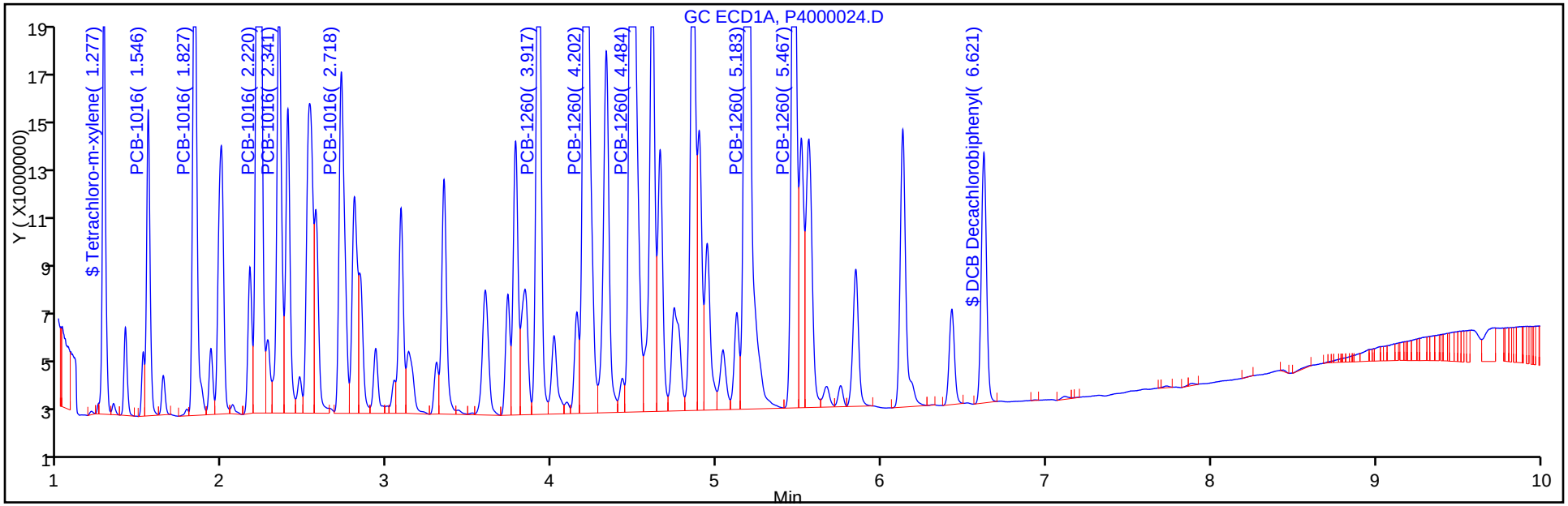
Report Date: 19-Apr-2013 14:48:05 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

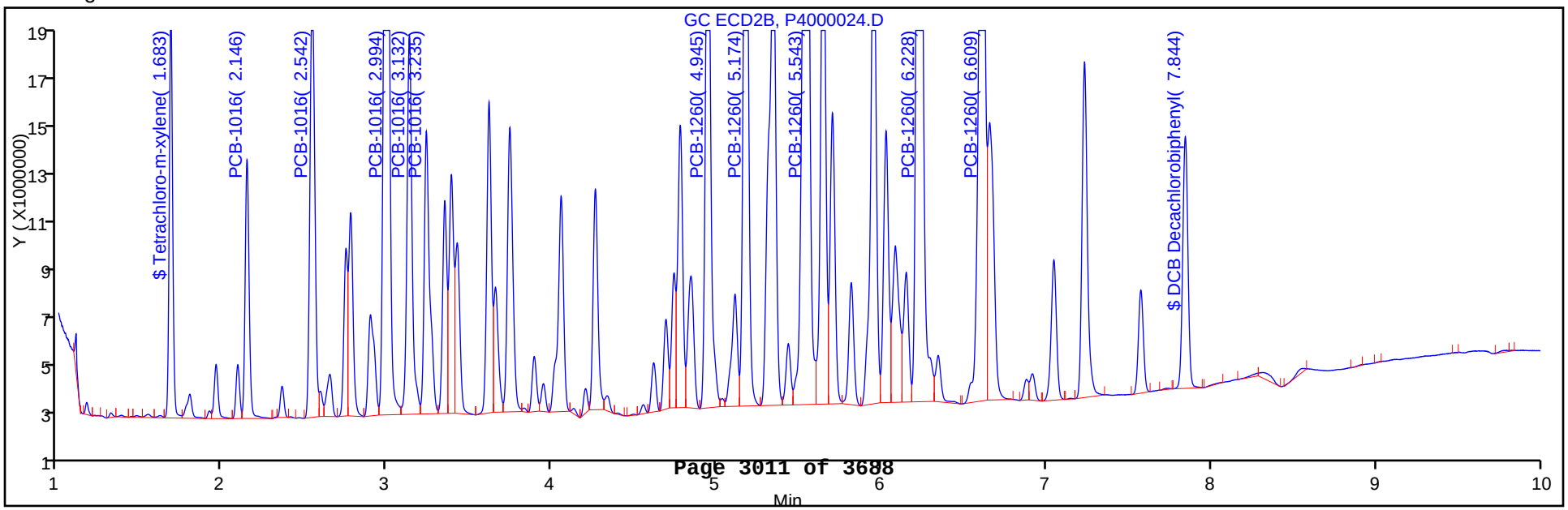
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000024.D

Injection Date:	18-Apr-2013 15:05:44	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82363	Lims Sample ID:	24
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.: 240-22804-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-81730/21-A

Matrix: Solid | Lab File ID: P4000024.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 04/12/2013 11:18

Sample wt/vol: 30.00(g) | Date Analyzed: 04/18/2013 15:05

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.: 82363 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
12674-11-2	Aroclor-1016	261		65	25	21
11096-82-5	Aroclor-1260	284		55	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	80		40-140
2051-24-3	DCB Decachlorobiphenyl	81		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000024.D
Lims ID: LCS 240-81730/21-A
Client ID:
Inject. Date: 18-Apr-2013 15:05:44
Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0018971-024
Misc. Info.:
Operator:
Instrument ID: A2HP4
Injection Vol: 1.0 uL
ALS Bottle#: 24
Lims Batch ID: 82363
Lims Sample ID: 24
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\PCB4.m
Last Update: 19-Apr-2013 14:48:03
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	1.275	0.002	24433068	0.0154			
2	2	1.683	1.683	0.000	25087942	0.0159			
						RPD = 3.01			
6 PCB-1016									
1	100	1.546	1.545	0.001	19129369	0.7049		100.0	
1	2	1.827	1.827	0.000	38527018	0.7868	156.0- 206.0	201.4	
1	3	2.220	2.219	0.001	83888334	0.8978	312.4- 362.4	438.5	
1	4	2.341	2.339	0.002	36034411	0.8587	118.7- 188.7	188.4	
1	5	2.718	2.717	0.001	34339952	0.8099	125.6- 175.6	179.5	
			Average of Peak Amounts =			0.8116			
2	6	2.146	2.145	0.001	18626554	0.7262		100.0	
2	7	2.542	2.541	0.001	37309844	0.7349	169.6- 229.6	200.3	
2	8	2.994	2.993	0.001	85134446	0.8567	351.4- 411.4	457.1	
2	9	3.132	3.131	0.001	34532866	0.7845	141.3- 201.3	185.4	
2	10	3.235	3.235	0.000	27694807	0.8086	102.5- 162.5	148.7	
			Average of Peak Amounts =			0.7822			
						RPD = 3.70			

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	51938501	0.8323		100.0	
1	2	4.202	4.203	-0.001	95699517	0.8690	152.2- 202.2	184.3	
1	3	4.484	4.483	0.001	98839402	0.9180	146.4- 196.4	190.3	
1	4	5.183	5.184	-0.001	118276961	0.9142	180.7- 230.7	227.7	
1	5	5.467	5.467	0.000	58006497	1.00	64.1- 114.1	111.7	
			Average of Peak Amounts =			0.9059			
2	6	4.945	4.944	0.001	54671781	0.7948		100.0	
2	7	5.174	5.175	-0.001	63668379	0.7975	87.6- 147.6	116.5	
2	8	5.543	5.543	0.000	101803660	0.8615	144.7- 204.7	186.2	
2	9	6.228	6.228	0.000	129310267	0.8868	187.7- 247.7	236.5	
2	10	6.609	6.609	0.000	88493654	0.9155	115.0- 175.0	161.9	
			Average of Peak Amounts =			0.8512			
						RPD = 6.22			
$ 12 DCB Decachlorobiphenyl									
1	100	6.621	6.619	0.002	23446265	0.0176			
2	2	7.844	7.843	0.001	23460086	0.0161			
						RPD = 8.64			

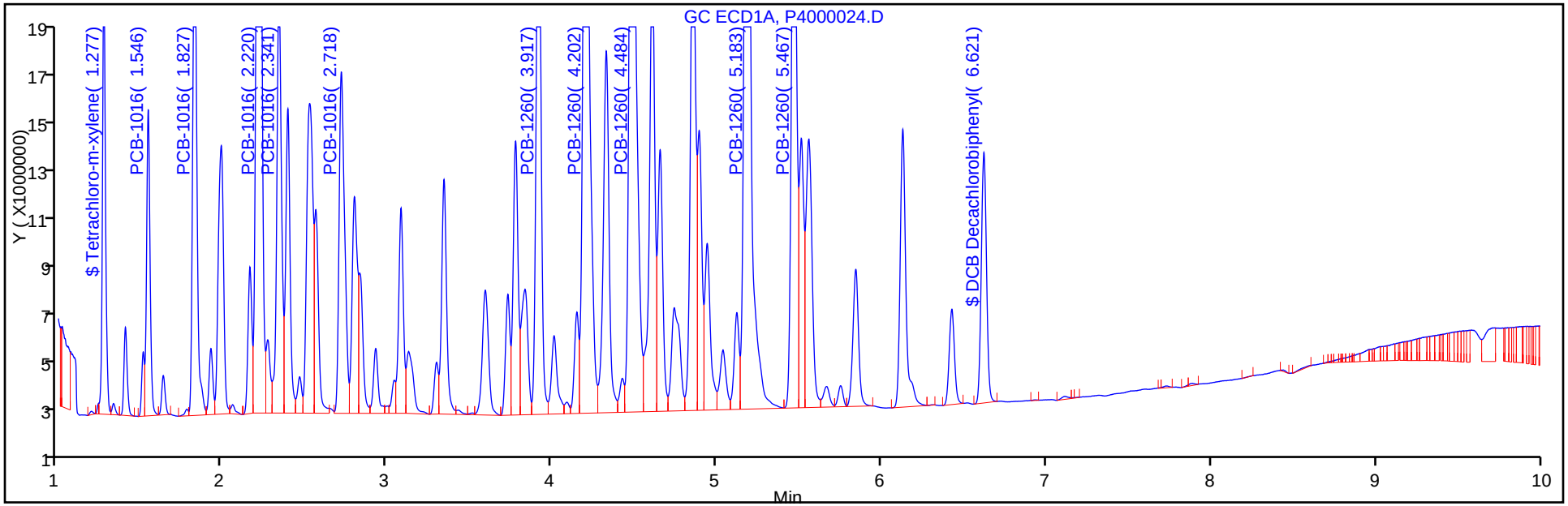
Report Date: 19-Apr-2013 14:48:05 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

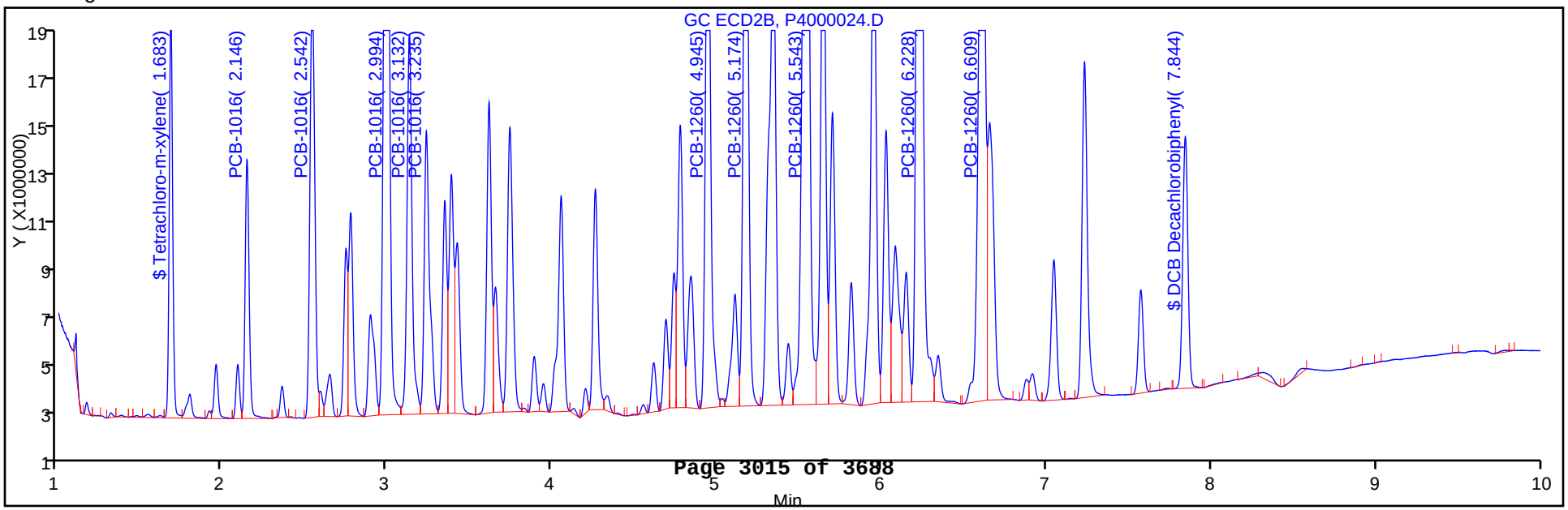
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000024.D

Injection Date:	18-Apr-2013 15:05:44	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82363	Lims Sample ID:	24
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.: 240-22804-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-81995/10

Matrix: Water Lab File ID: P4000010.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 04/15/2013 16:04

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.: 81995 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*	*0.0586*		*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*	*0.0537*		*0.050*	0.00020	*0.017*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	127		50-150
2051-24-3	DCB Decachlorobiphenyl	127		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130415-18879.b\P4000010.D
Lims ID: MRL Client ID:
Inject. Date: 15-Apr-2013 16:04:48 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0018879-010
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 10
Lims Batch ID: 81995 Lims Sample ID: 10
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130415-18879.b\PCB4.m
Last Update: 16-Apr-2013 08:56:39 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: XAWRK021

First Level Reviewer: hassl Date: 16-Apr-2013 08:52:28

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	1.273	1.273	0.000	5024495	0.003173			
2	2	1.681	1.679	0.002	4634359	0.002937			
						RPD = 7.71			
3 PCB-1221									
1	2		1.404						
1	3		1.512						
1	4		1.542						
2	4		1.954						
2	5		2.086						
2	6		2.142						
6 PCB-1016									
1	100	1.543	1.542	0.001	1642918	0.0605			100.0
1	2	1.825	1.824	0.001	2938736	0.0600	156.0- 206.0	178.9	
1	3	2.216	2.215	0.001	5273487	0.0564	312.4- 362.4	321.0	
1	4	2.336	2.335	0.001	2447740	0.0583	118.7- 188.7	149.0	
1	5	2.715	2.714	0.001	2438961	0.0575	125.6- 175.6	148.5	
			Average of Peak Amounts =			0.0586			
2	6	2.142	2.140	0.002	1413701	0.0551			100.0
2	7	2.538	2.536	0.002	2961340	0.0583	169.6- 229.6	209.5	
2	8	2.990	2.987	0.003	5427743	0.0546	351.4- 411.4	383.9	
2	9	3.127	3.126	0.001	2485817	0.0565	141.3- 201.3	175.8	
2	10	3.232	3.229	0.003	1856682	0.0542	102.5- 162.5	131.3	
			Average of Peak Amounts =			0.0557			
						RPD = 4.94			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.543						
1	2		1.824						
1	3		2.215						
1	4		2.336						
1	5		2.714						
2	6		2.141						
2	7		2.537						
2	8		2.989						
2	9		3.127						
2	10		3.737						
4 PCB-1232									
1	100		1.543						
1	2		1.825						
1	3		2.216						
1	4		2.337						
1	5		2.715						
2	6		2.143						
2	7		2.538						
2	8		2.989						
2	9		3.128						
2	10		3.737						
7 PCB-1248									
1	86		1.823						
1	2		2.214						
1	3		2.714						
1	4		3.293						
1	5		3.724						
2	6		2.535						
2	7		2.988						
2	8		3.735						
2	9		4.011						
2	10		4.733						
8 PCB-1254									
1	100		3.337						
1	2		3.724						
1	3		4.008						
1	4		4.196						
1	5		4.480						
2	6		4.257						
2	7		4.733						
2	8		4.978						
2	9		5.339						
2	10		5.541						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.912	3.912	0.000	3505606	0.0562		100.0	
1	2	4.200	4.198	0.002	6191438	0.0562	152.2- 202.2	176.6	
1	3	4.481	4.479	0.002	5812071	0.0540	146.4- 196.4	165.8	
1	4	5.181	5.179	0.002	6591237	0.0509	180.7- 230.7	188.0	
1	5	5.466	5.463	0.003	2985664	0.0513	64.1- 114.1	85.2	
			Average of Peak Amounts =			0.0537			
2	6	4.941	4.939	0.002	3851460	0.0560		100.0	
2	7	5.171	5.169	0.002	4384090	0.0549	87.6- 147.6	113.8	
2	8	5.540	5.538	0.002	6425767	0.0544	144.7- 204.7	166.8	
2	9	6.224	6.222	0.002	7645074	0.0524	187.7- 247.7	198.5	
2	10	6.606	6.604	0.002	5254185	0.0544	115.0- 175.0	136.4	
			Average of Peak Amounts =			0.0544			
						RPD = 1.29			
9 PCB-1262									
1	100		4.201						
1	2		4.603						
1	3		4.850						
1	4		5.178						
1	5		5.553						
2	6		5.171						
2	7		5.640						
2	8		5.947						
2	9		6.223						
2	10		6.601						
11 PCB-1268									
1	100		5.510						
1	2		5.548						
1	3		5.745						
1	4		6.125						
1	5		6.420						
2	6		6.600						
2	7		6.647						
2	8		6.911						
2	9		7.227						
2	10		7.569						
$ 12 DCB Decachlorobiphenyl									
1	100	6.617	6.615	0.002	4246984	0.003181			
2	2	7.840	7.838	0.002	4590691	0.003152			
						RPD = 0.92			

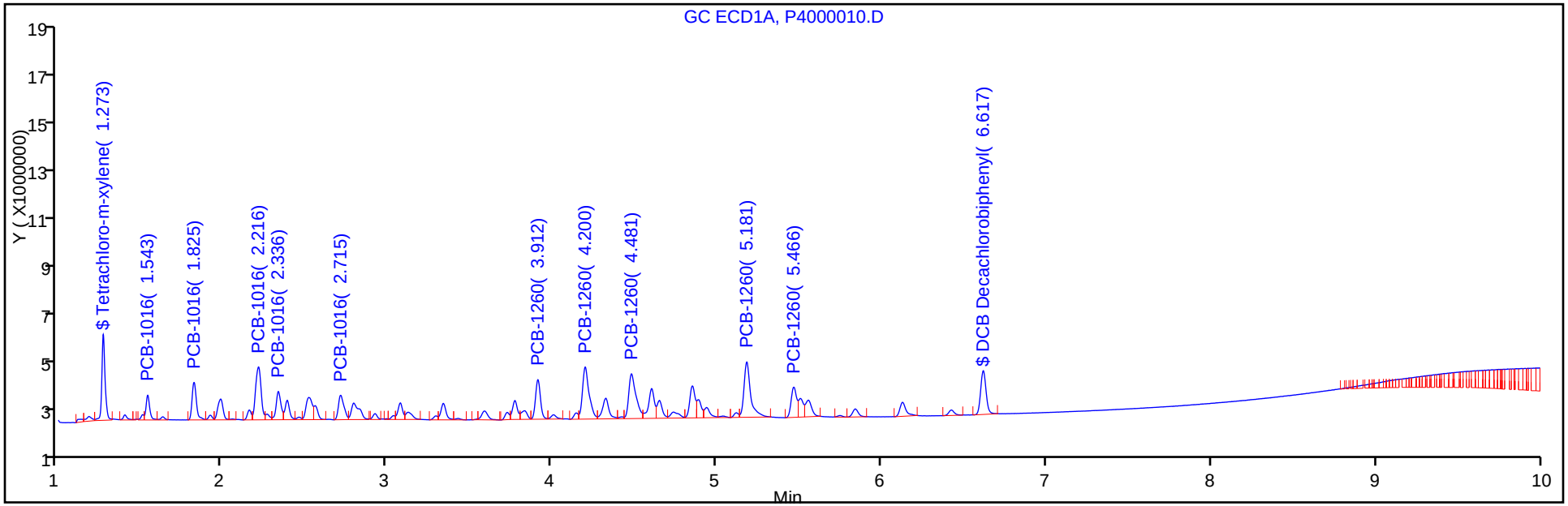
Report Date: 16-Apr-2013 08:56:39 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

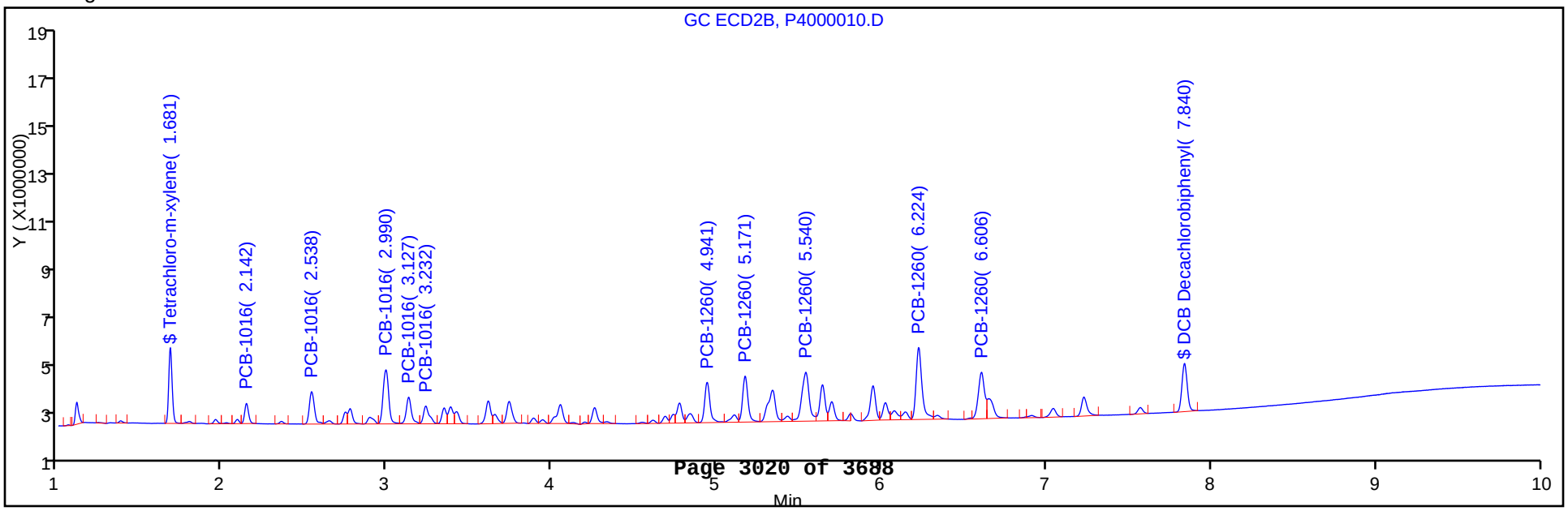
Data File: \\Ncchrom\ChromData\A2HP4\20130415-18879.b\P4000010.D

Injection Date:	15-Apr-2013 16:04:48	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81995	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.: 240-22804-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-81995/10

Matrix: Water Lab File ID: P4000010.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 04/15/2013 16:04

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.: 81995 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	0.0557		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	0.0544		0.050	0.00020	0.017

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	117		50-150
2051-24-3	DCB Decachlorobiphenyl	126		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130415-18879.b\P4000010.D
Lims ID: MRL Client ID:
Inject. Date: 15-Apr-2013 16:04:48 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0018879-010
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 10
Lims Batch ID: 81995 Lims Sample ID: 10
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130415-18879.b\PCB4.m
Last Update: 16-Apr-2013 08:56:39 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: XAWRK021

First Level Reviewer: hassl Date: 16-Apr-2013 08:52:28

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	1.273	1.273	0.000	5024495	0.003173			
2	2	1.681	1.679	0.002	4634359	0.002937			
						RPD = 7.71			
3 PCB-1221									
1	2		1.404						
1	3		1.512						
1	4		1.542						
2	4		1.954						
2	5		2.086						
2	6		2.142						
6 PCB-1016									
1	100	1.543	1.542	0.001	1642918	0.0605			100.0
1	2	1.825	1.824	0.001	2938736	0.0600	156.0- 206.0	178.9	
1	3	2.216	2.215	0.001	5273487	0.0564	312.4- 362.4	321.0	
1	4	2.336	2.335	0.001	2447740	0.0583	118.7- 188.7	149.0	
1	5	2.715	2.714	0.001	2438961	0.0575	125.6- 175.6	148.5	
			Average of Peak Amounts =			0.0586			
2	6	2.142	2.140	0.002	1413701	0.0551			100.0
2	7	2.538	2.536	0.002	2961340	0.0583	169.6- 229.6	209.5	
2	8	2.990	2.987	0.003	5427743	0.0546	351.4- 411.4	383.9	
2	9	3.127	3.126	0.001	2485817	0.0565	141.3- 201.3	175.8	
2	10	3.232	3.229	0.003	1856682	0.0542	102.5- 162.5	131.3	
			Average of Peak Amounts =			0.0557			
						RPD = 4.94			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.543						
1	2		1.824						
1	3		2.215						
1	4		2.336						
1	5		2.714						
2	6		2.141						
2	7		2.537						
2	8		2.989						
2	9		3.127						
2	10		3.737						
4 PCB-1232									
1	100		1.543						
1	2		1.825						
1	3		2.216						
1	4		2.337						
1	5		2.715						
2	6		2.143						
2	7		2.538						
2	8		2.989						
2	9		3.128						
2	10		3.737						
7 PCB-1248									
1	86		1.823						
1	2		2.214						
1	3		2.714						
1	4		3.293						
1	5		3.724						
2	6		2.535						
2	7		2.988						
2	8		3.735						
2	9		4.011						
2	10		4.733						
8 PCB-1254									
1	100		3.337						
1	2		3.724						
1	3		4.008						
1	4		4.196						
1	5		4.480						
2	6		4.257						
2	7		4.733						
2	8		4.978						
2	9		5.339						
2	10		5.541						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.912	3.912	0.000	3505606	0.0562		100.0	
1	2	4.200	4.198	0.002	6191438	0.0562	152.2- 202.2	176.6	
1	3	4.481	4.479	0.002	5812071	0.0540	146.4- 196.4	165.8	
1	4	5.181	5.179	0.002	6591237	0.0509	180.7- 230.7	188.0	
1	5	5.466	5.463	0.003	2985664	0.0513	64.1- 114.1	85.2	
			Average of Peak Amounts =			0.0537			
2	6	4.941	4.939	0.002	3851460	0.0560		100.0	
2	7	5.171	5.169	0.002	4384090	0.0549	87.6- 147.6	113.8	
2	8	5.540	5.538	0.002	6425767	0.0544	144.7- 204.7	166.8	
2	9	6.224	6.222	0.002	7645074	0.0524	187.7- 247.7	198.5	
2	10	6.606	6.604	0.002	5254185	0.0544	115.0- 175.0	136.4	
			Average of Peak Amounts =			0.0544			
						RPD = 1.29			
9 PCB-1262									
1	100		4.201						
1	2		4.603						
1	3		4.850						
1	4		5.178						
1	5		5.553						
2	6		5.171						
2	7		5.640						
2	8		5.947						
2	9		6.223						
2	10		6.601						
11 PCB-1268									
1	100		5.510						
1	2		5.548						
1	3		5.745						
1	4		6.125						
1	5		6.420						
2	6		6.600						
2	7		6.647						
2	8		6.911						
2	9		7.227						
2	10		7.569						
$ 12 DCB Decachlorobiphenyl									
1	100	6.617	6.615	0.002	4246984	0.003181			
2	2	7.840	7.838	0.002	4590691	0.003152			
						RPD = 0.92			

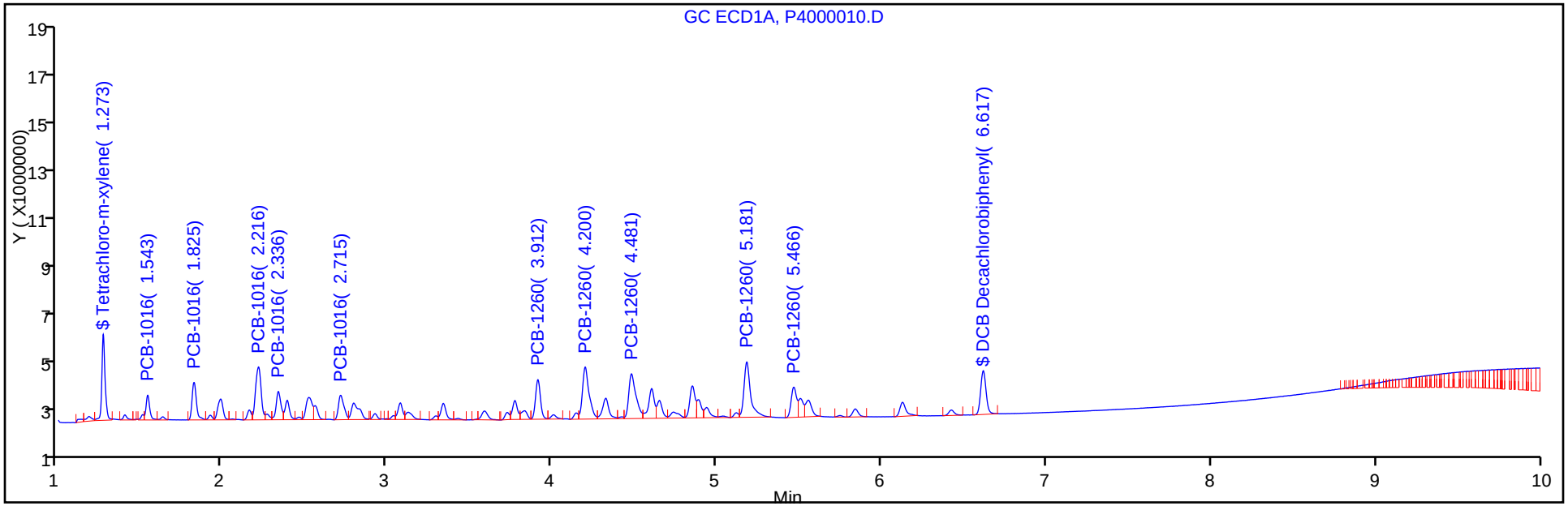
Report Date: 16-Apr-2013 08:56:40 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

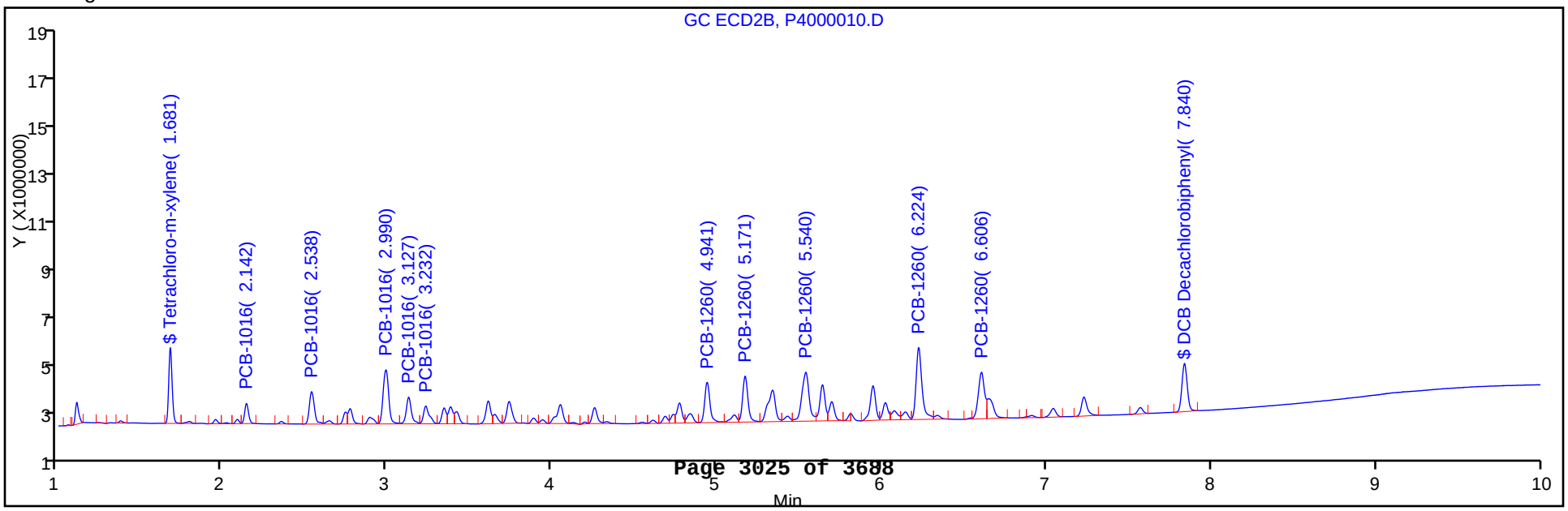
Data File: \\Ncchrom\ChromData\A2HP4\20130415-18879.b\P4000010.D

Injection Date:	15-Apr-2013 16:04:48	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81995	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.: 240-22804-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-81995/17

Matrix: Water | Lab File ID: P4000017.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/15/2013 17:54

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.: 81995 | 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*	*0.0559*		*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*	*0.0533*		*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	129		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130415-18879.b\P4000017.D
Lims ID: MRL Client ID:
Inject. Date: 15-Apr-2013 17:54:45 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0018879-017
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 17
Lims Batch ID: 81995 Lims Sample ID: 17
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130415-18879.b\PCB4.m
Last Update: 16-Apr-2013 08:56:47 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: XAWRK021

First Level Reviewer: hassl Date: 16-Apr-2013 08:56:08

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	1.274	0.000	4599026	0.002904			
2	2	1.681	1.681	0.000	4239142	0.002687			
						RPD = 7.78			
3 PCB-1221									
1	2		1.404						
1	3		1.512						
1	4		1.542						
2	4		1.954						
2	5		2.086						
2	6		2.142						
5 PCB-1242									
1	100		1.543						
1	2		1.824						
1	3		2.215						
1	4		2.336						
1	5		2.714						
2	6		2.141						
2	7		2.537						
2	8		2.989						
2	9		3.127						
2	10		3.737						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.543						
1	2		1.825						
1	3		2.216						
1	4		2.337						
1	5		2.715						
2	6		2.143						
2	7		2.538						
2	8		2.989						
2	9		3.128						
2	10		3.737						
6 PCB-1016									
1	100	1.544	1.543	0.001	1539948	0.0567		100.0	
1	2	1.825	1.825	0.000	2801287	0.0572	156.0- 206.0	181.9	
1	3	2.217	2.216	0.001	5145971	0.0551	312.4- 362.4	334.2	
1	4	2.336	2.336	0.000	2356024	0.0561	118.7- 188.7	153.0	
1	5	2.715	2.715	0.000	2295650	0.0541	125.6- 175.6	149.1	
			Average of Peak Amounts =			0.0559			
2	6	2.143	2.142	0.001	1298396	0.0506		100.0	
2	7	2.539	2.538	0.001	2611101	0.0514	169.6- 229.6	201.1	
2	8	2.988	2.990	-0.002	5021345	0.0505	351.4- 411.4	386.7	
2	9	3.128	3.128	0.000	2262574	0.0514	141.3- 201.3	174.3	
2	10	3.232	3.231	0.001	1682684	0.0491	102.5- 162.5	129.6	
			Average of Peak Amounts =			0.0506			
						RPD = 9.85			
7 PCB-1248									
1	86		1.823						
1	2		2.214						
1	3		2.714						
1	4		3.293						
1	5		3.724						
2	6		2.535						
2	7		2.988						
2	8		3.735						
2	9		4.011						
2	10		4.733						
8 PCB-1254									
1	100		3.337						
1	2		3.724						
1	3		4.008						
1	4		4.196						
1	5		4.480						
2	6		4.257						
2	7		4.733						
2	8		4.978						
2	9		5.339						
2	10		5.541						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									M
1	100	3.912	3.913	-0.001	3422580	0.0548		100.0	
1	2	4.200	4.200	0.000	6082469	0.0552	152.2- 202.2	177.7	
1	3	4.480	4.480	0.000	5827318	0.0541	146.4- 196.4	170.3	
1	4	5.181	5.179	0.002	6418775	0.0496	180.7- 230.7	187.5	
1	5	5.466	5.465	0.001	3056591	0.0525	64.1- 114.1	89.3	
			Average of Peak Amounts =			0.0533			
2	6	4.941	4.941	0.000	3586111	0.0521		100.0	
2	7	5.171	5.171	0.000	4201016	0.0526	87.6- 147.6	117.1	
2	8	5.539	5.538	0.001	6080500	0.0515	144.7- 204.7	169.6	
2	9	6.225	6.223	0.002	7185843	0.0493	187.7- 247.7	200.4	
2	10	6.605	6.605	0.000	5075961	0.0525	115.0- 175.0	141.5	M
			Average of Peak Amounts =			0.0516			
						RPD = 3.16			
9 PCB-1262									
1	100		4.201						
1	2		4.603						
1	3		4.850						
1	4		5.178						
1	5		5.553						
2	6		5.171						
2	7		5.640						
2	8		5.947						
2	9		6.223						
2	10		6.601						
11 PCB-1268									
1	100		5.510						
1	2		5.548						
1	3		5.745						
1	4		6.125						
1	5		6.420						
2	6		6.600						
2	7		6.647						
2	8		6.911						
2	9		7.227						
2	10		7.569						
$ 12 DCB Decachlorobiphenyl									
1	100	6.616	6.616	0.000	4305686	0.003225			
2	2	7.841	7.839	0.002	4396264	0.003018			
						RPD = 6.62			

QC Flag Legend

Review Flags
M - Manually Integrated

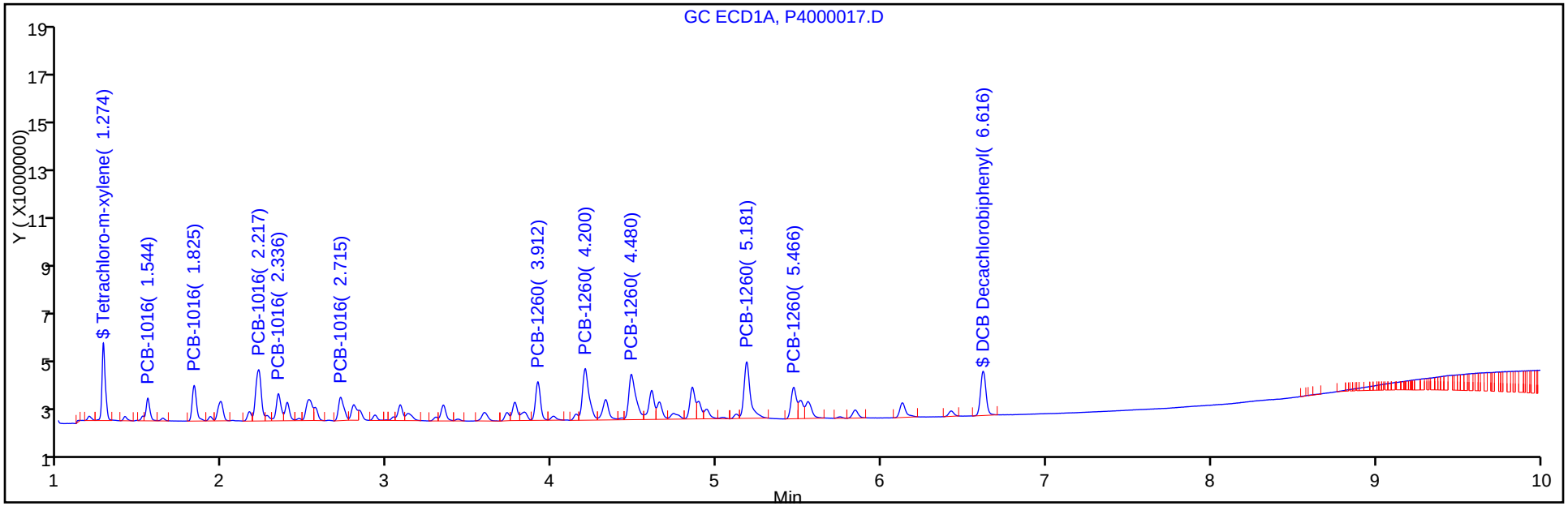
Report Date: 16-Apr-2013 08:56:50 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

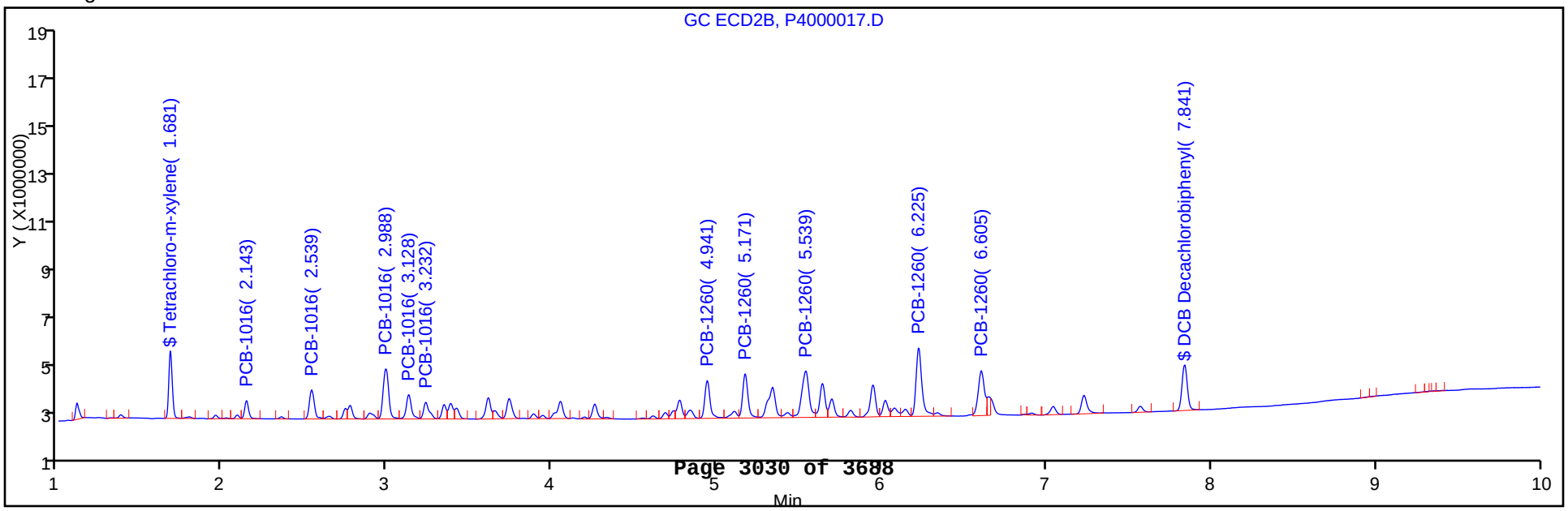
Data File: \\Ncchrom\ChromData\A2HP4\20130415-18879.b\P4000017.D

Injection Date:	15-Apr-2013 17:54:45	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81995	Lims Sample ID:	17
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.: 240-22804-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-81995/17

Matrix: Water Lab File ID: P4000017.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 04/15/2013 17:54

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.: 81995 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	0.0506		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	0.0516		0.050	0.00020	0.017

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	107		50-150
2051-24-3	DCB Decachlorobiphenyl	121		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130415-18879.b\P4000017.D
Lims ID: MRL Client ID:
Inject. Date: 15-Apr-2013 17:54:45 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0018879-017
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 17
Lims Batch ID: 81995 Lims Sample ID: 17
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130415-18879.b\PCB4.m
Last Update: 16-Apr-2013 08:56:47 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: XAWRK021

First Level Reviewer: hassl Date: 16-Apr-2013 08:56:08

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	1.274	0.000	4599026	0.002904			
2	2	1.681	1.681	0.000	4239142	0.002687			
						RPD = 7.78			
3 PCB-1221									
1	2		1.404						
1	3		1.512						
1	4		1.542						
2	4		1.954						
2	5		2.086						
2	6		2.142						
5 PCB-1242									
1	100		1.543						
1	2		1.824						
1	3		2.215						
1	4		2.336						
1	5		2.714						
2	6		2.141						
2	7		2.537						
2	8		2.989						
2	9		3.127						
2	10		3.737						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.543						
1	2		1.825						
1	3		2.216						
1	4		2.337						
1	5		2.715						
2	6		2.143						
2	7		2.538						
2	8		2.989						
2	9		3.128						
2	10		3.737						
6 PCB-1016									
1	100	1.544	1.543	0.001	1539948	0.0567		100.0	
1	2	1.825	1.825	0.000	2801287	0.0572	156.0- 206.0	181.9	
1	3	2.217	2.216	0.001	5145971	0.0551	312.4- 362.4	334.2	
1	4	2.336	2.336	0.000	2356024	0.0561	118.7- 188.7	153.0	
1	5	2.715	2.715	0.000	2295650	0.0541	125.6- 175.6	149.1	
			Average of Peak Amounts =			0.0559			
2	6	2.143	2.142	0.001	1298396	0.0506		100.0	
2	7	2.539	2.538	0.001	2611101	0.0514	169.6- 229.6	201.1	
2	8	2.988	2.990	-0.002	5021345	0.0505	351.4- 411.4	386.7	
2	9	3.128	3.128	0.000	2262574	0.0514	141.3- 201.3	174.3	
2	10	3.232	3.231	0.001	1682684	0.0491	102.5- 162.5	129.6	
			Average of Peak Amounts =			0.0506			
						RPD = 9.85			
7 PCB-1248									
1	86		1.823						
1	2		2.214						
1	3		2.714						
1	4		3.293						
1	5		3.724						
2	6		2.535						
2	7		2.988						
2	8		3.735						
2	9		4.011						
2	10		4.733						
8 PCB-1254									
1	100		3.337						
1	2		3.724						
1	3		4.008						
1	4		4.196						
1	5		4.480						
2	6		4.257						
2	7		4.733						
2	8		4.978						
2	9		5.339						
2	10		5.541						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									M
1	100	3.912	3.913	-0.001	3422580	0.0548		100.0	
1	2	4.200	4.200	0.000	6082469	0.0552	152.2- 202.2	177.7	
1	3	4.480	4.480	0.000	5827318	0.0541	146.4- 196.4	170.3	
1	4	5.181	5.179	0.002	6418775	0.0496	180.7- 230.7	187.5	
1	5	5.466	5.465	0.001	3056591	0.0525	64.1- 114.1	89.3	
			Average of Peak Amounts =			0.0533			
2	6	4.941	4.941	0.000	3586111	0.0521		100.0	
2	7	5.171	5.171	0.000	4201016	0.0526	87.6- 147.6	117.1	
2	8	5.539	5.538	0.001	6080500	0.0515	144.7- 204.7	169.6	
2	9	6.225	6.223	0.002	7185843	0.0493	187.7- 247.7	200.4	
2	10	6.605	6.605	0.000	5075961	0.0525	115.0- 175.0	141.5	M
			Average of Peak Amounts =			0.0516			
						RPD = 3.16			
9 PCB-1262									
1	100		4.201						
1	2		4.603						
1	3		4.850						
1	4		5.178						
1	5		5.553						
2	6		5.171						
2	7		5.640						
2	8		5.947						
2	9		6.223						
2	10		6.601						
11 PCB-1268									
1	100		5.510						
1	2		5.548						
1	3		5.745						
1	4		6.125						
1	5		6.420						
2	6		6.600						
2	7		6.647						
2	8		6.911						
2	9		7.227						
2	10		7.569						
$ 12 DCB Decachlorobiphenyl									
1	100	6.616	6.616	0.000	4305686	0.003225			
2	2	7.841	7.839	0.002	4396264	0.003018			
						RPD = 6.62			

QC Flag Legend

Review Flags
M - Manually Integrated

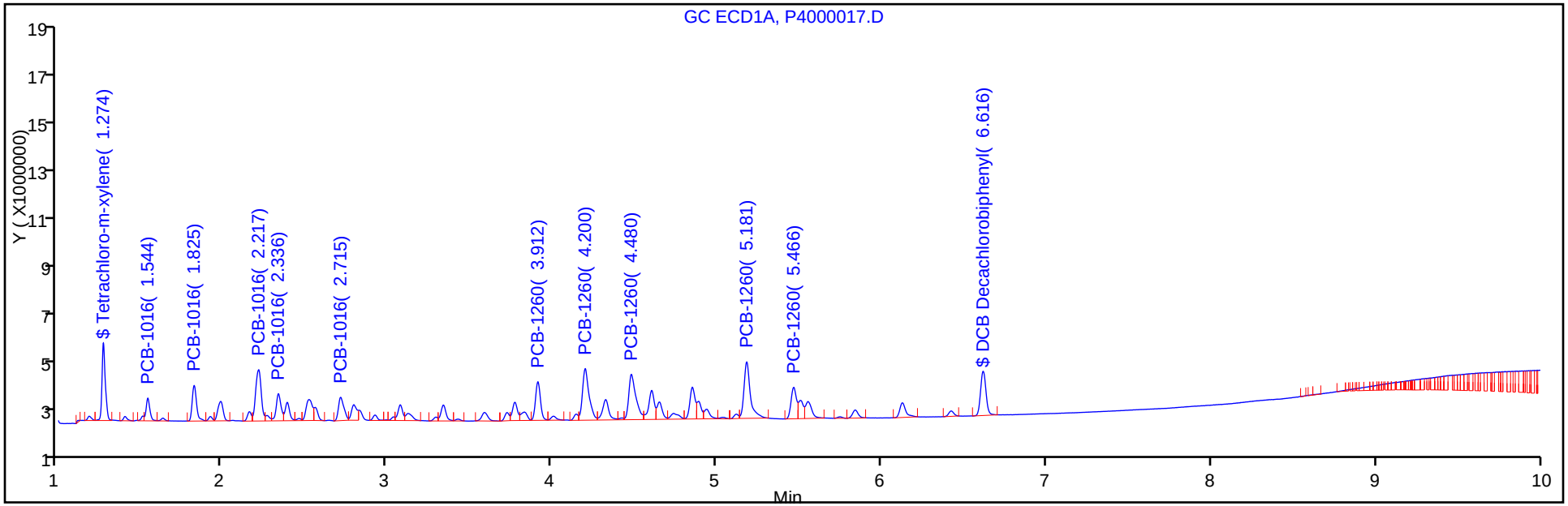
Report Date: 16-Apr-2013 08:56:50 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

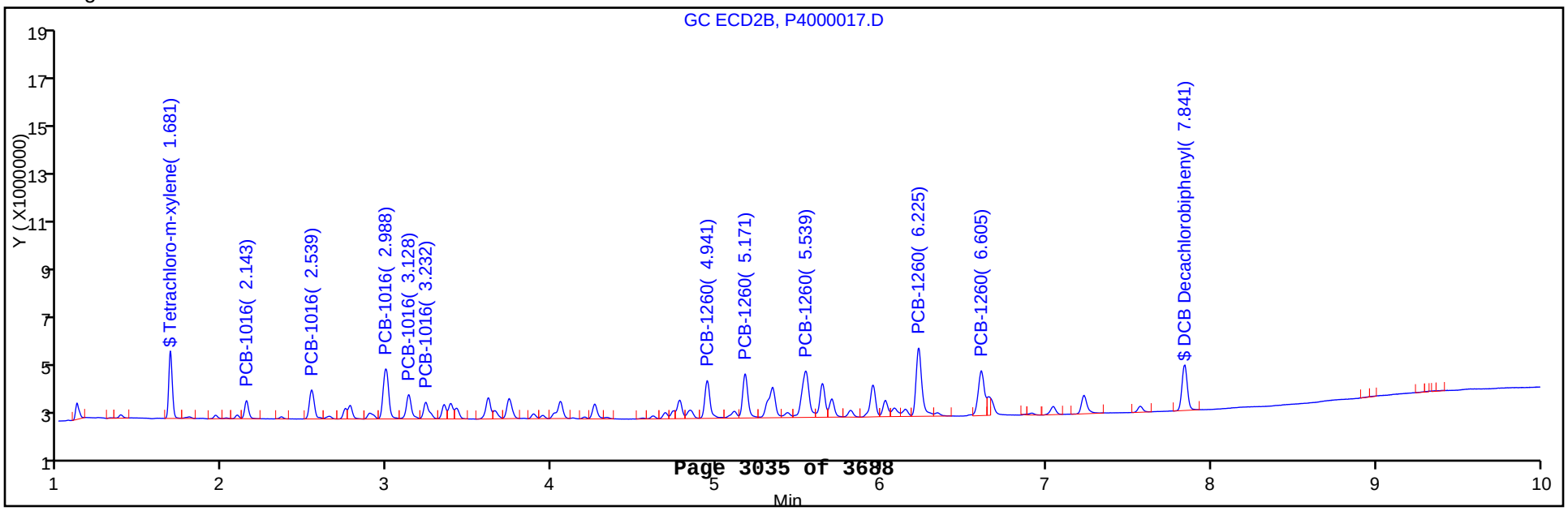
Data File: \\Ncchrom\ChromData\A2HP4\20130415-18879.b\P4000017.D

Injection Date:	15-Apr-2013 17:54:45	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81995	Lims Sample ID:	17
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



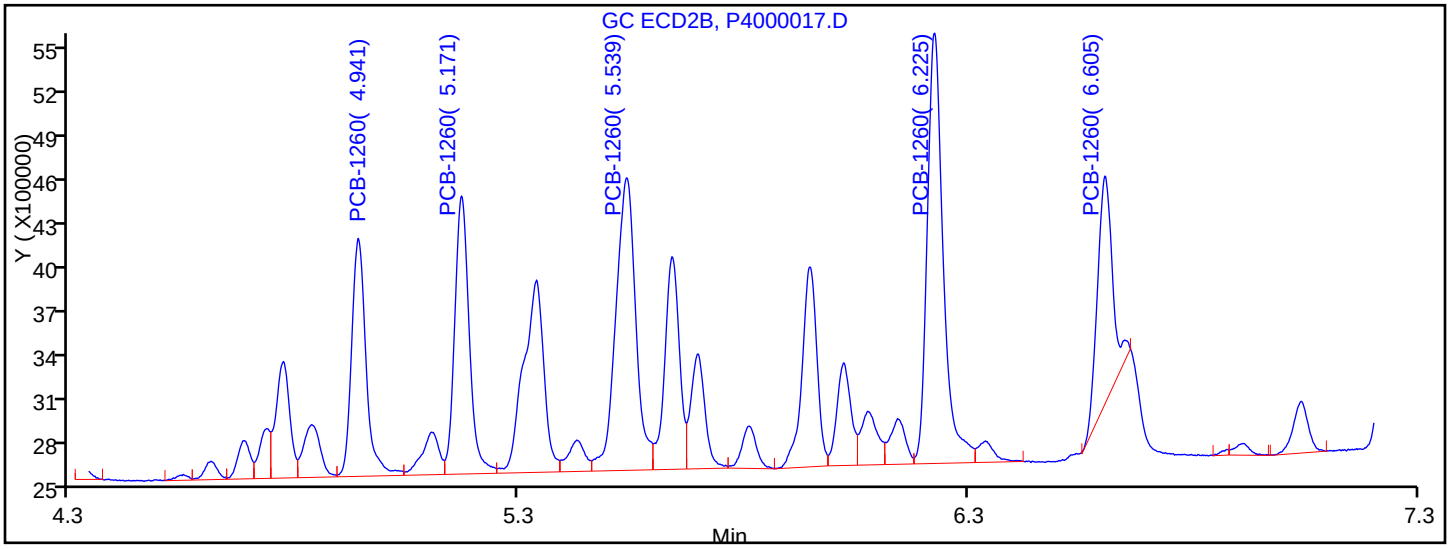
Report Date: 16-Apr-2013 08:56:51 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20130415-18879.b\P4000017.D

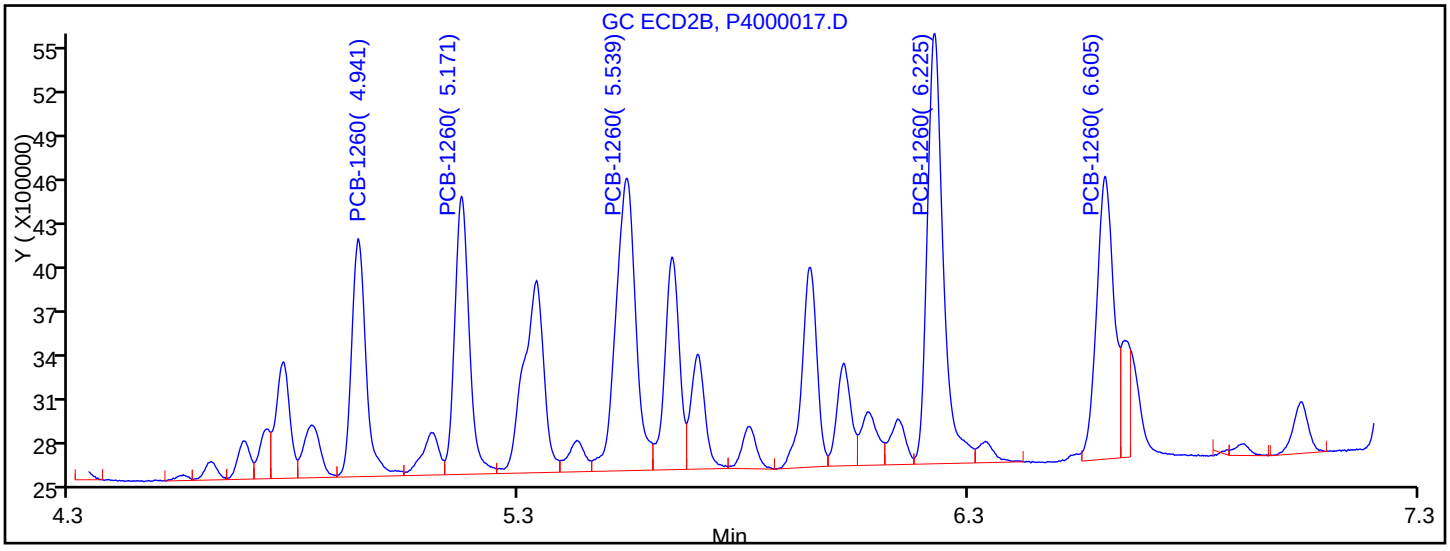
Injection Date:	15-Apr-2013 17:54:45	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81995	Lims Sample ID:	17
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

10 PCB-1260, Detector: 2, GC ecd2b



Processing Integration Results

RT = 4.941	Response = 3586111	
RT = 5.171	Response = 4201016	
RT = 5.539	Response = 6080500	
RT = 6.225	Response = 7185843	
RT = 6.605	Response = 3578336	M



Manual Integration Results

RT = 4.941	Response = 3586111	
RT = 5.171	Response = 4201016	
RT = 5.539	Response = 6080500	
RT = 6.225	Response = 7185843	
RT = 6.605	Response = 5075961	M

Reviewer: hassl, 16-Apr-2013 08:56:08

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22804-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-82363/4

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 09:52

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.: 82363 | 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*	*0.0497*	*J*	*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*	*0.0506*		*0.050*	0.00020	*0.017*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	108		50-150
2051-24-3	DCB Decachlorobiphenyl	125		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000004.D
Lims ID: MRL Client ID:
Inject. Date: 18-Apr-2013 09:52:58 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0018971-004
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 4
Lims Batch ID: 82363 Lims Sample ID: 4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\PCB4.m
Last Update: 19-Apr-2013 14:47:51 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 14:42:02

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	1.275	1.276	-0.001	4264682	0.002693			
2	2	1.682	1.682	0.000	3980790	0.002523			
						RPD = 6.52			
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	1.545	0.001	1356129	0.0500		100.0	
1	2	1.827	1.827	0.000	2621846	0.0535	156.0- 206.0	193.3	
1	3	2.218	2.221	-0.003	4760587	0.0509	312.4- 362.4	351.0	
1	4	2.339	2.340	-0.001	1889968	0.0450	118.7- 188.7	139.4	
1	5	2.717	2.717	0.000	2073122	0.0489	125.6- 175.6	152.9	
			Average of Peak Amounts =			0.0497			
2	6	2.146	2.145	0.001	1209796	0.0472		100.0	
2	7	2.541	2.541	0.000	2490194	0.0490	169.6- 229.6	205.8	
2	8	2.992	2.992	0.000	4783457	0.0481	351.4- 411.4	395.4	
2	9	3.131	3.131	0.000	2181702	0.0496	141.3- 201.3	180.3	
2	10	3.235	3.234	0.001	1625331	0.0475	102.5- 162.5	134.3	
			Average of Peak Amounts =			0.0483			
						RPD = 2.87			
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	3240450	0.0519		100.0	
1	2	4.202	4.201	0.001	5702996	0.0518	152.2- 202.2	176.0	
1	3	4.483	4.482	0.001	5125790	0.0476	146.4- 196.4	158.2	
1	4	5.183	5.182	0.001	6412118	0.0496	180.7- 230.7	197.9	
1	5	5.469	5.467	0.002	3039793	0.0522	64.1- 114.1	93.8	
			Average of Peak Amounts =			0.0506			
2	6	4.944	4.943	0.001	3302647	0.0480		100.0	
2	7	5.174	5.173	0.001	3941990	0.0494	87.6- 147.6	119.4	
2	8	5.542	5.542	0.000	5774475	0.0489	144.7- 204.7	174.8	
2	9	6.227	6.226	0.001	7236427	0.0496	187.7- 247.7	219.1	
2	10	6.608	6.607	0.001	4985799	0.0516	115.0- 175.0	151.0	
			Average of Peak Amounts =			0.0495			
						RPD = 2.24			
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	6.620	6.620	0.000	4185660	0.003135			
2	2	7.842	7.841	0.001	4346346	0.002984			
						RPD = 4.93			

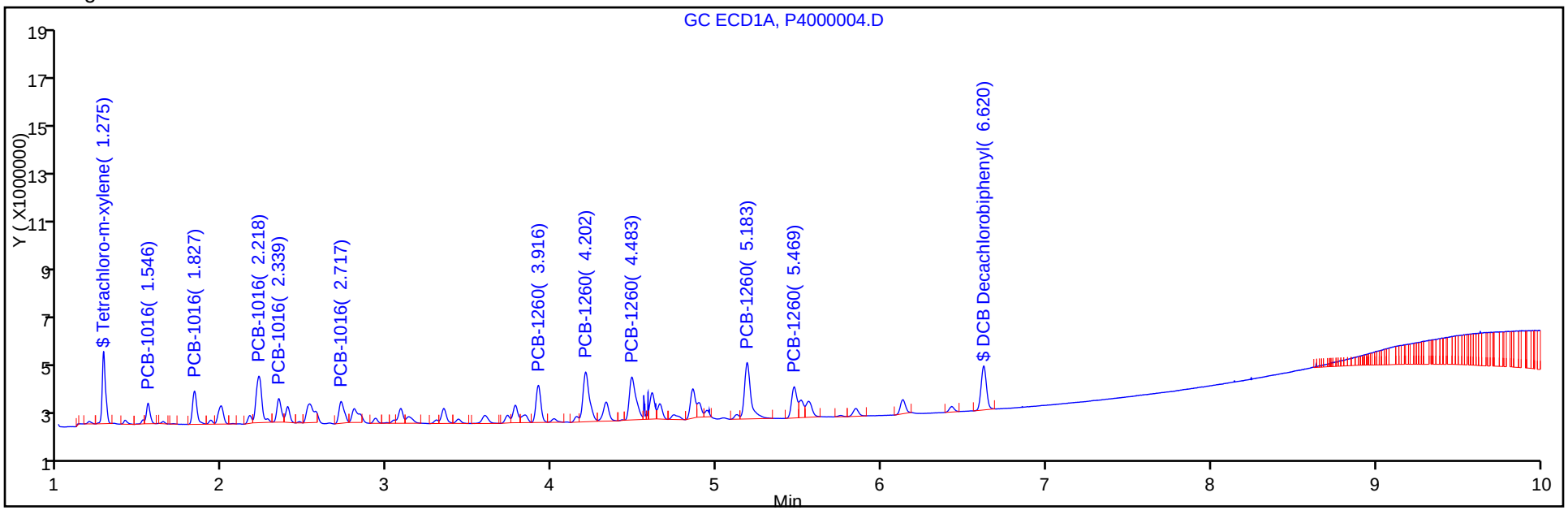
Report Date: 19-Apr-2013 14:47:58 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

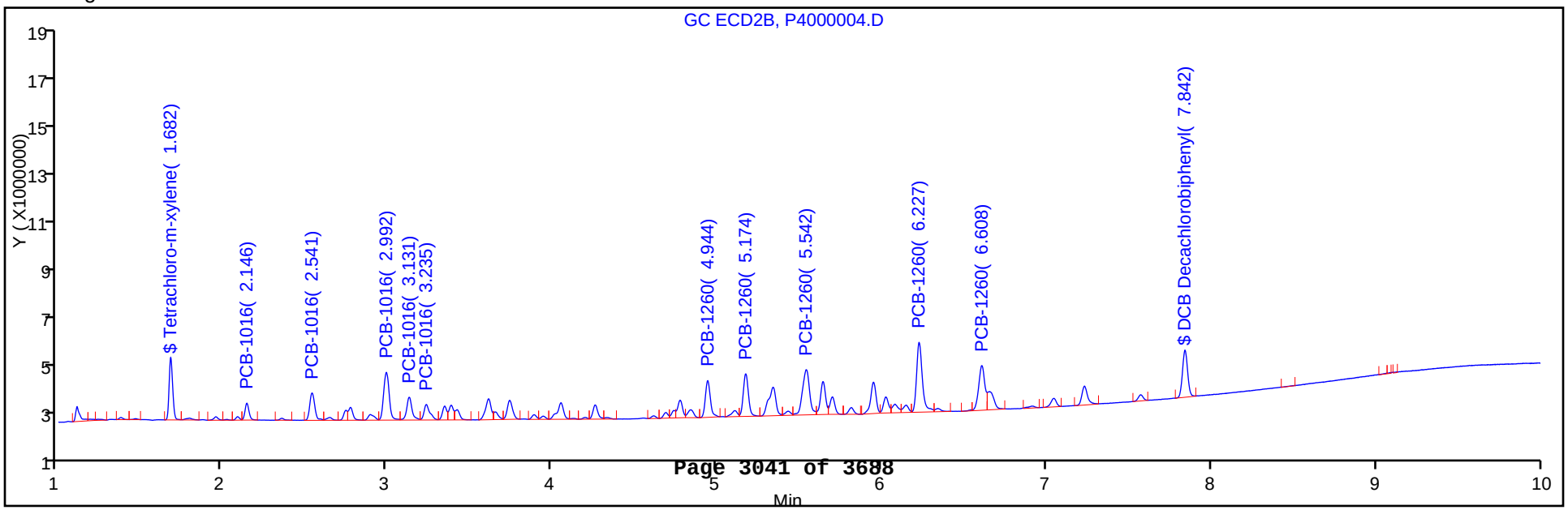
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000004.D

Injection Date:	18-Apr-2013 09:52:58	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82363	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.: 240-22804-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-82363/4

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 09:52

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.: 82363 | 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	0.0483	J	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	0.0495	J	0.050	0.00020	0.017

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	101		50-150
2051-24-3	DCB Decachlorobiphenyl	119		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000004.D
Lims ID: MRL Client ID:
Inject. Date: 18-Apr-2013 09:52:58 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0018971-004
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 4
Lims Batch ID: 82363 Lims Sample ID: 4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\PCB4.m
Last Update: 19-Apr-2013 14:47:51 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 14:42:02

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	1.275	1.276	-0.001	4264682	0.002693			
2	2	1.682	1.682	0.000	3980790	0.002523			
						RPD = 6.52			
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	1.545	0.001	1356129	0.0500		100.0	
1	2	1.827	1.827	0.000	2621846	0.0535	156.0- 206.0	193.3	
1	3	2.218	2.221	-0.003	4760587	0.0509	312.4- 362.4	351.0	
1	4	2.339	2.340	-0.001	1889968	0.0450	118.7- 188.7	139.4	
1	5	2.717	2.717	0.000	2073122	0.0489	125.6- 175.6	152.9	
			Average of Peak Amounts =			0.0497			
2	6	2.146	2.145	0.001	1209796	0.0472		100.0	
2	7	2.541	2.541	0.000	2490194	0.0490	169.6- 229.6	205.8	
2	8	2.992	2.992	0.000	4783457	0.0481	351.4- 411.4	395.4	
2	9	3.131	3.131	0.000	2181702	0.0496	141.3- 201.3	180.3	
2	10	3.235	3.234	0.001	1625331	0.0475	102.5- 162.5	134.3	
			Average of Peak Amounts =			0.0483			
						RPD = 2.87			
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	3240450	0.0519		100.0	
1	2	4.202	4.201	0.001	5702996	0.0518	152.2- 202.2	176.0	
1	3	4.483	4.482	0.001	5125790	0.0476	146.4- 196.4	158.2	
1	4	5.183	5.182	0.001	6412118	0.0496	180.7- 230.7	197.9	
1	5	5.469	5.467	0.002	3039793	0.0522	64.1- 114.1	93.8	
			Average of Peak Amounts =			0.0506			
2	6	4.944	4.943	0.001	3302647	0.0480		100.0	
2	7	5.174	5.173	0.001	3941990	0.0494	87.6- 147.6	119.4	
2	8	5.542	5.542	0.000	5774475	0.0489	144.7- 204.7	174.8	
2	9	6.227	6.226	0.001	7236427	0.0496	187.7- 247.7	219.1	
2	10	6.608	6.607	0.001	4985799	0.0516	115.0- 175.0	151.0	
			Average of Peak Amounts =			0.0495			
						RPD = 2.24			
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	6.620	6.620	0.000	4185660	0.003135			
2	2	7.842	7.841	0.001	4346346	0.002984			
						RPD = 4.93			

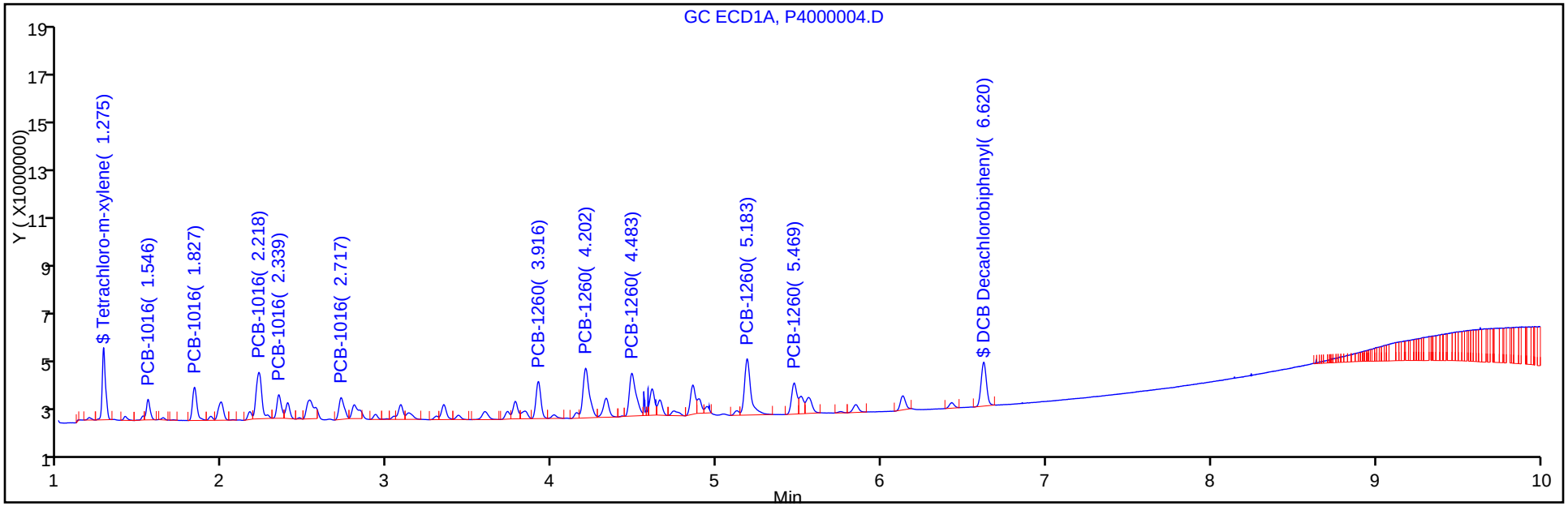
Report Date: 19-Apr-2013 14:47:59 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

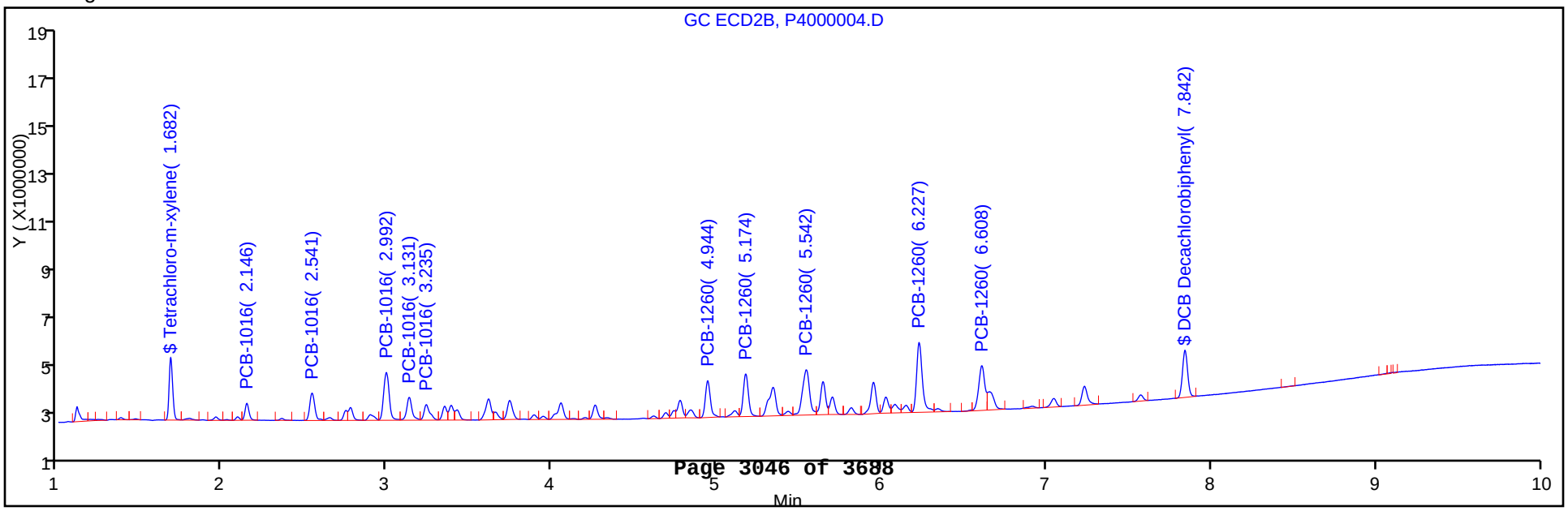
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000004.D

Injection Date:	18-Apr-2013 09:52:58	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82363	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.: 240-22804-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-82363/26

Matrix: Solid | Lab File ID: P4000026.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/18/2013 15:37

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.: 82363 | 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*	*0.0605*		*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*	*0.0587*		*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	138	*Q*	50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000026.D
Lims ID: MRL Client ID:
Inject. Date: 18-Apr-2013 15:37:01 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0018971-026
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 26
Lims Batch ID: 82363 Lims Sample ID: 26
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\PCB4.m
Last Update: 19-Apr-2013 14:47:59 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 14:45:19

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	5127336	0.003238			
2	2	1.684	1.683	0.001	4633155	0.002936			
						RPD = 9.76			
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	1.546	0.000	1611507	0.0594		100.0	
1	2	1.829	1.828	0.001	3011495	0.0615	156.0- 206.0	186.9	
1	3	2.219	2.219	0.000	5711393	0.0611	312.4- 362.4	354.4	
1	4	2.340	2.340	0.000	2612554	0.0623	118.7- 188.7	162.1	
1	5	2.720	2.718	0.002	2477288	0.0584	125.6- 175.6	153.7	
			Average of Peak Amounts =			0.0605			
2	6	2.146	2.146	0.000	1399767	0.0546		100.0	
2	7	2.542	2.542	0.000	2940372	0.0579	169.6- 229.6	210.1	
2	8	2.995	2.993	0.002	5694258	0.0573	351.4- 411.4	406.8	
2	9	3.133	3.132	0.001	2541474	0.0577	141.3- 201.3	181.6	
2	10	3.236	3.236	0.000	1893955	0.0553	102.5- 162.5	135.3	
			Average of Peak Amounts =			0.0566			
						RPD = 6.79			
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	3.917	-0.001	3676236	0.0589		100.0	
1	2	4.205	4.203	0.002	6259408	0.0568	152.2- 202.2	170.3	
1	3	4.485	4.483	0.002	6102425	0.0567	146.4- 196.4	166.0	
1	4	5.185	5.184	0.001	7463445	0.0577	180.7- 230.7	203.0	
1	5	5.470	5.469	0.001	3679576	0.0632	64.1- 114.1	100.1	
			Average of Peak Amounts =			0.0587			
2	6	4.945	4.945	0.000	3852699	0.0560		100.0	
2	7	5.175	5.175	0.000	4833088	0.0605	87.6- 147.6	125.4	
2	8	5.543	5.543	0.000	6669086	0.0564	144.7- 204.7	173.1	
2	9	6.229	6.228	0.001	8419848	0.0577	187.7- 247.7	218.5	
2	10	6.610	6.610	0.000	5808236	0.0601	115.0- 175.0	150.8	
			Average of Peak Amounts =			0.0582			
						RPD = 0.85			
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	6.622	0.000	4610876	0.003453			
2	2	7.844	7.843	0.001	4958151	0.003404			
						RPD = 1.44			

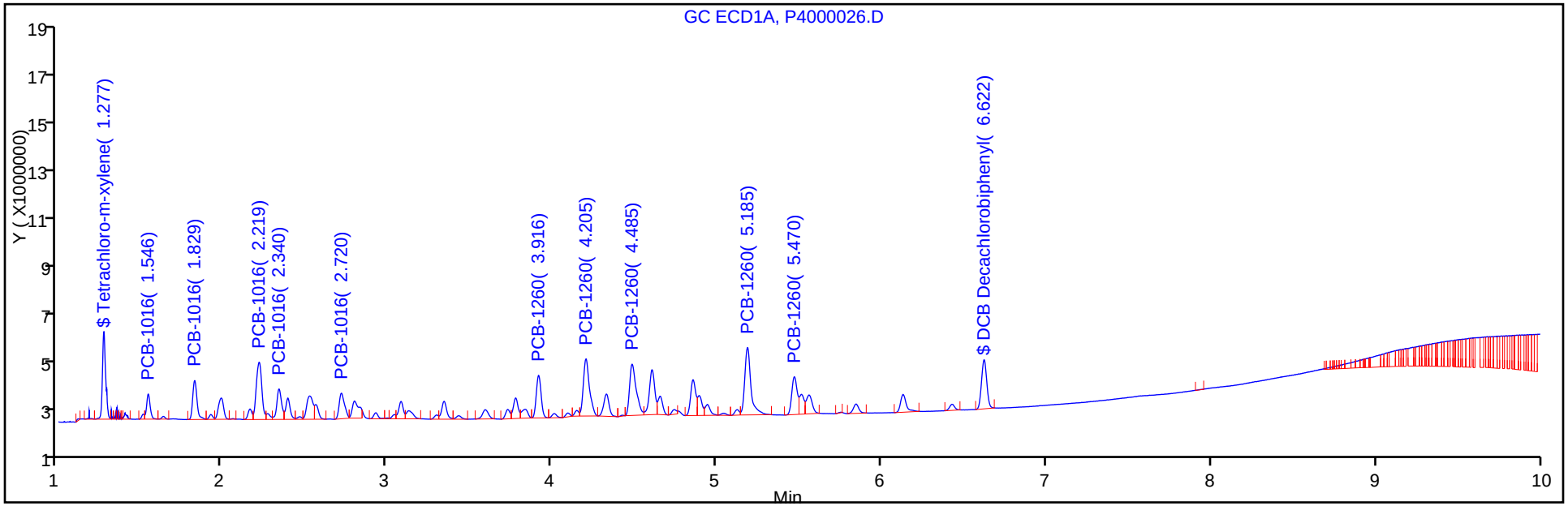
Report Date: 19-Apr-2013 14:48:01 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

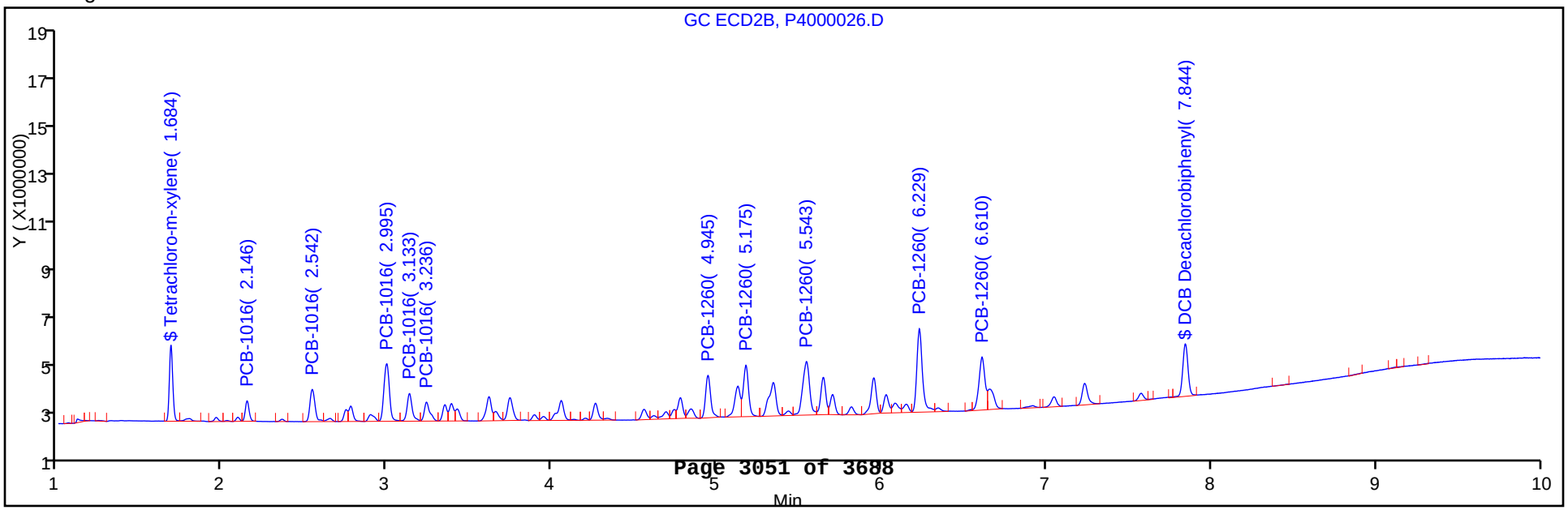
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000026.D

Injection Date:	18-Apr-2013 15:37:01	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82363	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: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22804-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-82363/26

Matrix: Solid | Lab File ID: P4000026.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/18/2013 15:37

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.: 82363 | 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	0.0566		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	0.0582		0.050	0.00020	0.017

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	117		50-150
2051-24-3	DCB Decachlorobiphenyl	136	Q	50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000026.D
Lims ID: MRL Client ID:
Inject. Date: 18-Apr-2013 15:37:01 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0018971-026
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 26
Lims Batch ID: 82363 Lims Sample ID: 26
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\PCB4.m
Last Update: 19-Apr-2013 14:47:59 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 14:45:19

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	5127336	0.003238			
2	2	1.684	1.683	0.001	4633155	0.002936			
						RPD = 9.76			
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	1.546	0.000	1611507	0.0594		100.0	
1	2	1.829	1.828	0.001	3011495	0.0615	156.0- 206.0	186.9	
1	3	2.219	2.219	0.000	5711393	0.0611	312.4- 362.4	354.4	
1	4	2.340	2.340	0.000	2612554	0.0623	118.7- 188.7	162.1	
1	5	2.720	2.718	0.002	2477288	0.0584	125.6- 175.6	153.7	
			Average of Peak Amounts =			0.0605			
2	6	2.146	2.146	0.000	1399767	0.0546		100.0	
2	7	2.542	2.542	0.000	2940372	0.0579	169.6- 229.6	210.1	
2	8	2.995	2.993	0.002	5694258	0.0573	351.4- 411.4	406.8	
2	9	3.133	3.132	0.001	2541474	0.0577	141.3- 201.3	181.6	
2	10	3.236	3.236	0.000	1893955	0.0553	102.5- 162.5	135.3	
			Average of Peak Amounts =			0.0566			
						RPD = 6.79			
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	3.917	-0.001	3676236	0.0589		100.0	
1	2	4.205	4.203	0.002	6259408	0.0568	152.2- 202.2	170.3	
1	3	4.485	4.483	0.002	6102425	0.0567	146.4- 196.4	166.0	
1	4	5.185	5.184	0.001	7463445	0.0577	180.7- 230.7	203.0	
1	5	5.470	5.469	0.001	3679576	0.0632	64.1- 114.1	100.1	
			Average of Peak Amounts =			0.0587			
2	6	4.945	4.945	0.000	3852699	0.0560		100.0	
2	7	5.175	5.175	0.000	4833088	0.0605	87.6- 147.6	125.4	
2	8	5.543	5.543	0.000	6669086	0.0564	144.7- 204.7	173.1	
2	9	6.229	6.228	0.001	8419848	0.0577	187.7- 247.7	218.5	
2	10	6.610	6.610	0.000	5808236	0.0601	115.0- 175.0	150.8	
			Average of Peak Amounts =			0.0582			
						RPD = 0.85			
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	6.622	0.000	4610876	0.003453			
2	2	7.844	7.843	0.001	4958151	0.003404			
						RPD = 1.44			

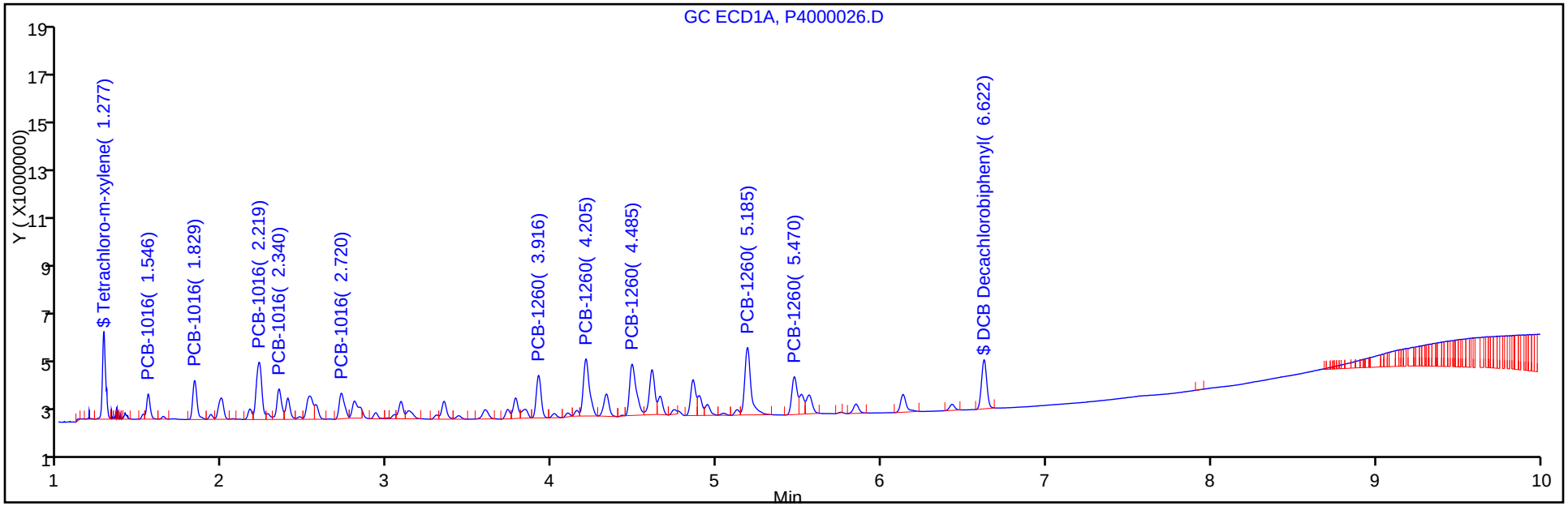
Report Date: 19-Apr-2013 14:48:02 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

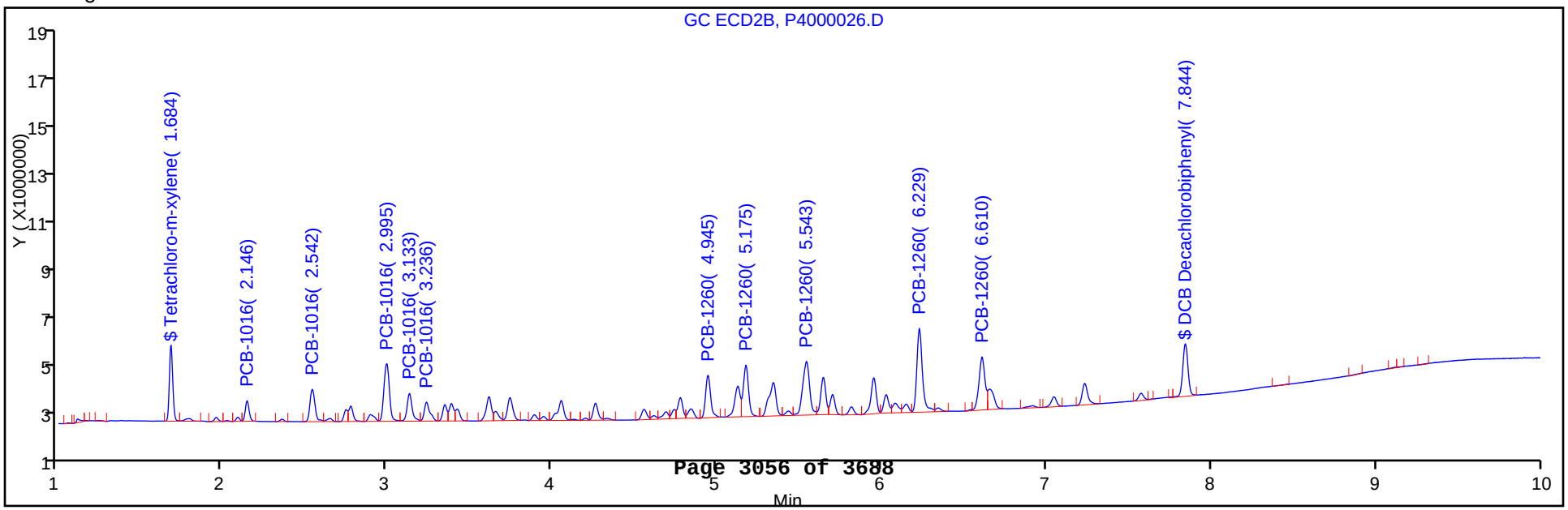
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000026.D

Injection Date:	18-Apr-2013 15:37:01	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82363	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: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Client Sample ID: 078SB-0059-0001-IDW MS Lab Sample ID: 240-22804-1 MS

Matrix: Solid Lab File ID: P4000006.D

Analysis Method: 8082/DOD Date Collected: 04/03/2013 10:00

Extraction Method: 3540C Date Extracted: 04/15/2013 09:45

Sample wt/vol: 30.14(g) Date Analyzed: 04/17/2013 18:03

Con. Extract Vol.: 10.0(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 82392 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	60		40-140
2051-24-3	DCB Decachlorobiphenyl	67		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130417-18977.b\P4000006.D
Lims ID: 240-22804-C-1-E MS Client ID:
Inject. Date: 17-Apr-2013 18:03:59 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0018977-006
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 6
Lims Batch ID: 82392 Lims Sample ID: 6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130417-18977.b\PCB4.m
Last Update: 18-Apr-2013 09:31:23 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: 18-Apr-2013 09:30:40

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	1.275	1.275	0.000	18918086	0.0119			
2	2	1.682	1.683	-0.001	16424582	0.0104			
						RPD = 13.75			
3 PCB-1221									
1	2		1.406						
1	3		1.514						
1	4		1.543						
2	4		1.956						
2	5		2.087						
2	6		2.144						
4 PCB-1232									
1	100		1.543						
1	2		1.824						
1	3		2.216						
1	4		2.336						
1	5		2.714						
2	6		2.143						
2	7		2.538						
2	8		2.989						
2	9		3.128						
2	10		3.736						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.543						
1	2		1.825						
1	3		2.216						
1	4		2.336						
1	5		2.715						
2	6		2.142						
2	7		2.538						
2	8		2.990						
2	9		3.128						
2	10		3.738						
6 PCB-1016									
1	100	1.546	1.545	0.001	13380375	0.4931		100.0	
1	2	1.827	1.828	-0.001	26566815	0.5425	156.0- 206.0	198.6	
1	3	2.218	2.219	-0.001	58117728	0.6220	312.4- 362.4	434.4	
1	4	2.338	2.340	-0.002	25294314	0.6028	118.7- 188.7	189.0	
1	5	2.716	2.718	-0.002	23625020	0.5572	125.6- 175.6	176.6	
			Average of Peak Amounts =			0.5635			
2	6	2.144	2.145	-0.001	13116253	0.5114		100.0	
2	7	2.540	2.541	-0.001	26451166	0.5210	169.6- 229.6	201.7	
2	8	2.992	2.992	0.000	60382847	0.6076	351.4- 411.4	460.4	
2	9	3.129	3.130	-0.001	24739848	0.5620	141.3- 201.3	188.6	
2	10	3.232	3.234	-0.002	19405641	0.5666	102.5- 162.5	148.0	
			Average of Peak Amounts =			0.5537			
						RPD = 1.75			
7 PCB-1248									
1	86		1.824						
1	2		2.215						
1	3		2.715						
1	4		3.292						
1	5		3.725						
2	6		2.538						
2	7		2.989						
2	8		3.737						
2	9		4.013						
2	10		4.735						
8 PCB-1254									
1	100		3.339						
1	2		3.725						
1	3		4.008						
1	4		4.197						
1	5		4.480						
2	6		4.258						
2	7		4.734						
2	8		4.979						
2	9		5.340						
2	10		5.541						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.914	3.915	-0.001	36044798	0.5776		100.0	
1	2	4.201	4.201	0.000	66195653	0.6011	152.2- 202.2	183.6	
1	3	4.480	4.482	-0.002	71480305	0.6639	146.4- 196.4	198.3	
1	4	5.180	5.181	-0.001	87051485	0.6729	180.7- 230.7	241.5	
1	5	5.464	5.465	-0.001	45963922	0.7892	64.1- 114.1	127.5	
			Average of Peak Amounts =			0.6609			
2	6	4.942	4.942	0.000	41707033	0.6063		100.0	
2	7	5.172	5.171	0.001	50806438	0.6364	87.6- 147.6	121.8	
2	8	5.541	5.540	0.001	81160296	0.6868	144.7- 204.7	194.6	
2	9	6.225	6.225	0.000	100339212	0.6882	187.7- 247.7	240.6	
2	10	6.606	6.606	0.000	72031847	0.7452	115.0- 175.0	172.7	
			Average of Peak Amounts =			0.6726			
						RPD = 1.75			
9 PCB-1262									
1	100		4.202						
1	2		4.604						
1	3		4.850						
1	4		5.179						
1	5		5.553						
2	6		5.171						
2	7		5.642						
2	8		5.947						
2	9		6.223						
2	10		6.602						
11 PCB-1268									
1	100		5.511						
1	2		5.548						
1	3		5.747						
1	4		6.124						
1	5		6.422						
2	6		6.601						
2	7		6.649						
2	8		6.912						
2	9		7.228						
2	10		7.571						
$ 12 DCB Decachlorobiphenyl									
1	100	6.618	6.619	-0.001	17924778	0.0134			
2	2	7.842	7.840	0.002	19267130	0.0132			
						RPD = 1.48			

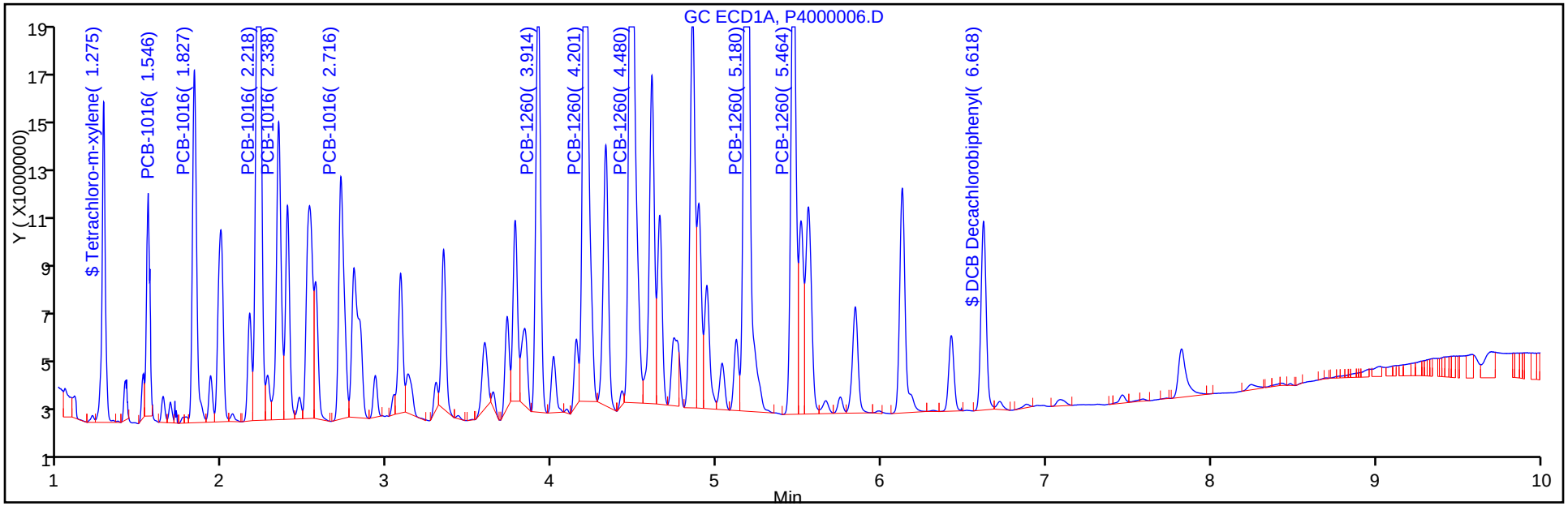
Report Date: 18-Apr-2013 09:31:26 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

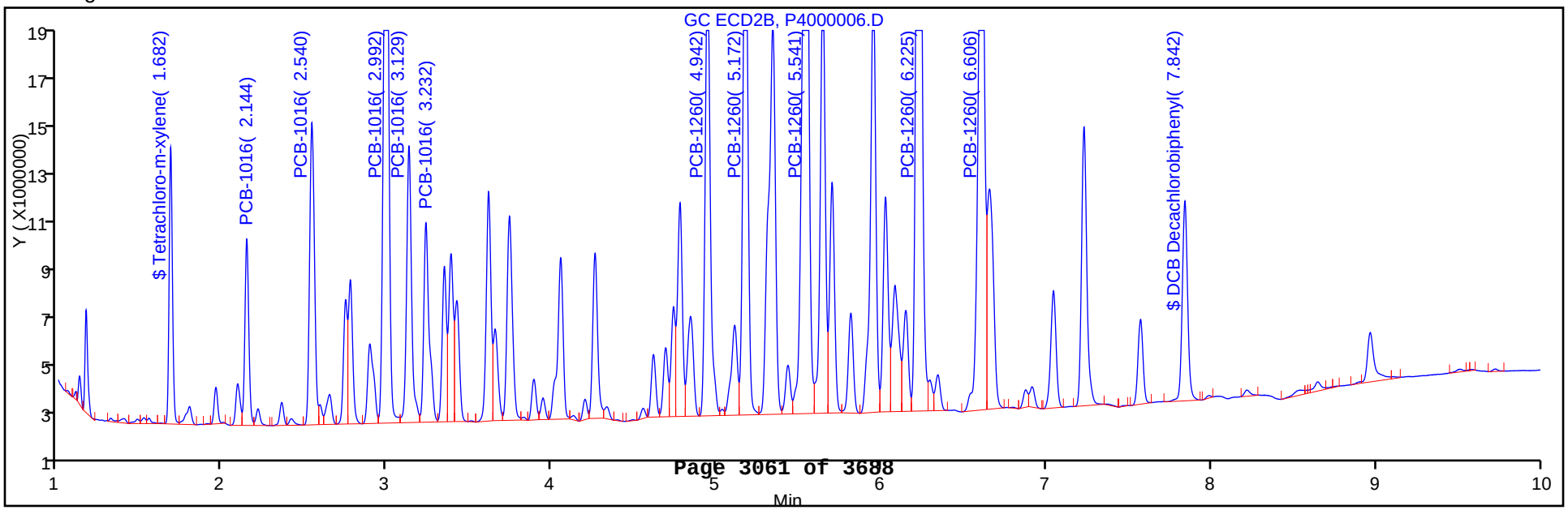
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18977.b\P4000006.D

Injection Date:	17-Apr-2013 18:03:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82392	Lims Sample ID:	6
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.: 240-22804-1

SDG No.:

Client Sample ID: 078SB-0059-0001-IDW MS | Lab Sample ID: 240-22804-1 MS

Matrix: Solid | Lab File ID: P4000006.D

Analysis Method: 8082/DOD | Date Collected: 04/03/2013 10:00

Extraction Method: 3540C | Date Extracted: 04/15/2013 09:45

Sample wt/vol: 30.14(g) | Date Analyzed: 04/17/2013 18:03

Con. Extract Vol.: 10.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82392 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	29	U	59	29	19
12674-11-2	Aroclor-1016	218		77	29	25
11141-16-5	Aroclor-1232	29	U	53	29	16
53469-21-9	Aroclor-1242	29	U	47	29	15
12672-29-6	Aroclor-1248	29	U	65	29	20
11097-69-1	Aroclor-1254	29	U	65	29	20
11096-82-5	Aroclor-1260	264		65	29	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	52		40-140
2051-24-3	DCB Decachlorobiphenyl	66		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130417-18977.b\P4000006.D
Lims ID: 240-22804-C-1-E MS Client ID:
Inject. Date: 17-Apr-2013 18:03:59 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0018977-006
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 6
Lims Batch ID: 82392 Lims Sample ID: 6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130417-18977.b\PCB4.m
Last Update: 18-Apr-2013 09:31:23 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: 18-Apr-2013 09:30:40

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	1.275	1.275	0.000	18918086	0.0119			
2	2	1.682	1.683	-0.001	16424582	0.0104			
						RPD = 13.75			
3 PCB-1221									
1	2		1.406						
1	3		1.514						
1	4		1.543						
2	4		1.956						
2	5		2.087						
2	6		2.144						
4 PCB-1232									
1	100		1.543						
1	2		1.824						
1	3		2.216						
1	4		2.336						
1	5		2.714						
2	6		2.143						
2	7		2.538						
2	8		2.989						
2	9		3.128						
2	10		3.736						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.543						
1	2		1.825						
1	3		2.216						
1	4		2.336						
1	5		2.715						
2	6		2.142						
2	7		2.538						
2	8		2.990						
2	9		3.128						
2	10		3.738						
6 PCB-1016									
1	100	1.546	1.545	0.001	13380375	0.4931		100.0	
1	2	1.827	1.828	-0.001	26566815	0.5425	156.0- 206.0	198.6	
1	3	2.218	2.219	-0.001	58117728	0.6220	312.4- 362.4	434.4	
1	4	2.338	2.340	-0.002	25294314	0.6028	118.7- 188.7	189.0	
1	5	2.716	2.718	-0.002	23625020	0.5572	125.6- 175.6	176.6	
			Average of Peak Amounts =			0.5635			
2	6	2.144	2.145	-0.001	13116253	0.5114		100.0	
2	7	2.540	2.541	-0.001	26451166	0.5210	169.6- 229.6	201.7	
2	8	2.992	2.992	0.000	60382847	0.6076	351.4- 411.4	460.4	
2	9	3.129	3.130	-0.001	24739848	0.5620	141.3- 201.3	188.6	
2	10	3.232	3.234	-0.002	19405641	0.5666	102.5- 162.5	148.0	
			Average of Peak Amounts =			0.5537			
						RPD = 1.75			
7 PCB-1248									
1	86		1.824						
1	2		2.215						
1	3		2.715						
1	4		3.292						
1	5		3.725						
2	6		2.538						
2	7		2.989						
2	8		3.737						
2	9		4.013						
2	10		4.735						
8 PCB-1254									
1	100		3.339						
1	2		3.725						
1	3		4.008						
1	4		4.197						
1	5		4.480						
2	6		4.258						
2	7		4.734						
2	8		4.979						
2	9		5.340						
2	10		5.541						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.914	3.915	-0.001	36044798	0.5776		100.0	
1	2	4.201	4.201	0.000	66195653	0.6011	152.2- 202.2	183.6	
1	3	4.480	4.482	-0.002	71480305	0.6639	146.4- 196.4	198.3	
1	4	5.180	5.181	-0.001	87051485	0.6729	180.7- 230.7	241.5	
1	5	5.464	5.465	-0.001	45963922	0.7892	64.1- 114.1	127.5	
			Average of Peak Amounts =			0.6609			
2	6	4.942	4.942	0.000	41707033	0.6063		100.0	
2	7	5.172	5.171	0.001	50806438	0.6364	87.6- 147.6	121.8	
2	8	5.541	5.540	0.001	81160296	0.6868	144.7- 204.7	194.6	
2	9	6.225	6.225	0.000	100339212	0.6882	187.7- 247.7	240.6	
2	10	6.606	6.606	0.000	72031847	0.7452	115.0- 175.0	172.7	
			Average of Peak Amounts =			0.6726			
						RPD = 1.75			
9 PCB-1262									
1	100		4.202						
1	2		4.604						
1	3		4.850						
1	4		5.179						
1	5		5.553						
2	6		5.171						
2	7		5.642						
2	8		5.947						
2	9		6.223						
2	10		6.602						
11 PCB-1268									
1	100		5.511						
1	2		5.548						
1	3		5.747						
1	4		6.124						
1	5		6.422						
2	6		6.601						
2	7		6.649						
2	8		6.912						
2	9		7.228						
2	10		7.571						
$ 12 DCB Decachlorobiphenyl									
1	100	6.618	6.619	-0.001	17924778	0.0134			
2	2	7.842	7.840	0.002	19267130	0.0132			
						RPD = 1.48			

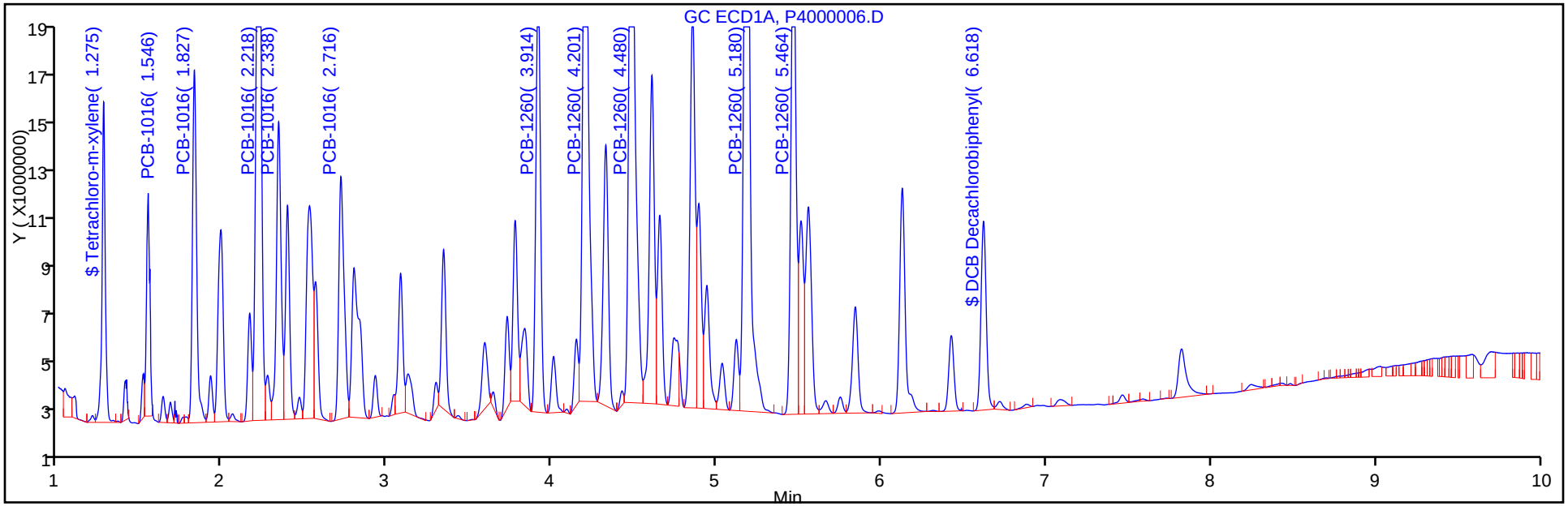
Report Date: 18-Apr-2013 09:31:27 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

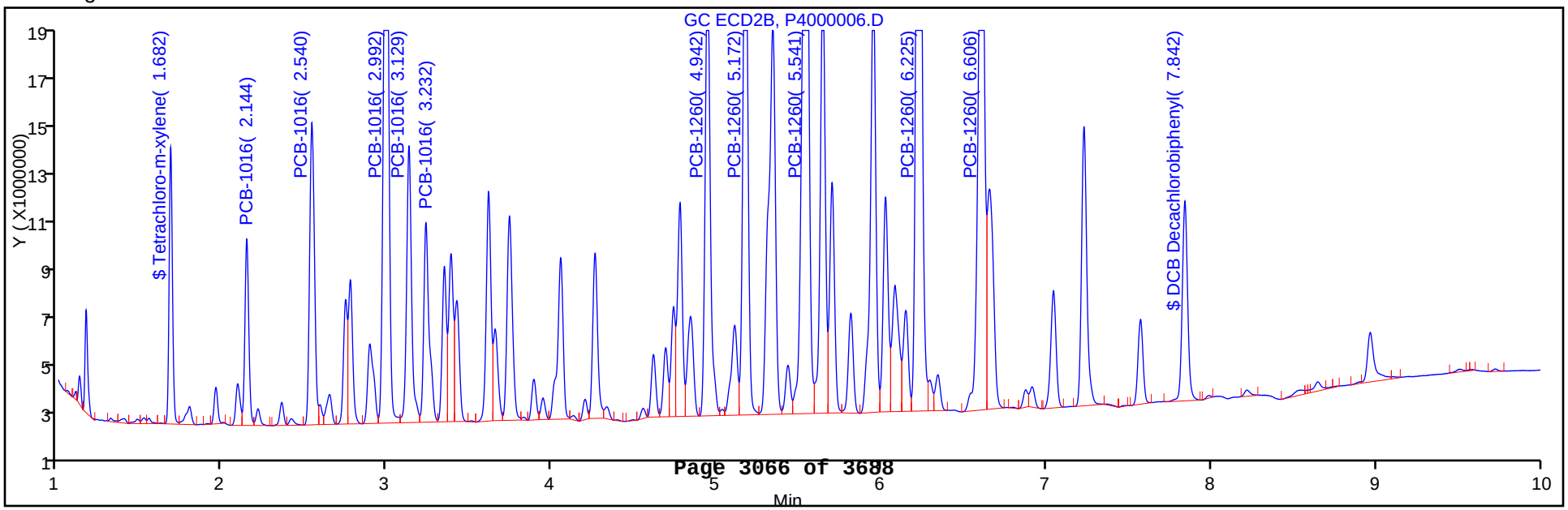
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18977.b\P4000006.D

Injection Date:	17-Apr-2013 18:03:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82392	Lims Sample ID:	6
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.: 240-22804-1

SDG No.:

Client Sample ID: 078SB-0059-0001-IDW MSD Lab Sample ID: 240-22804-1 MSD

Matrix: Solid Lab File ID: P4000007.D

Analysis Method: 8082/DOD Date Collected: 04/03/2013 10:00

Extraction Method: 3540C Date Extracted: 04/15/2013 09:45

Sample wt/vol: 30.13(g) Date Analyzed: 04/17/2013 18:19

Con. Extract Vol.: 10.0(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 82392 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	57		40-140
2051-24-3	DCB Decachlorobiphenyl	57	Q	60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18977.b\P4000007.D		
Lims ID:	240-22804-C-1-F MSD	Client ID:	
Inject. Date:	17-Apr-2013 18:19:36	Dil. Factor:	1.0000
Sample Type:	MSD		
Sample ID:	240-0018977-007		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	7
Lims Batch ID:	82392	Lims Sample ID:	7
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130417-18977.b\PCB4.m		
Last Update:	18-Apr-2013 10:28:03	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: 18-Apr-2013 10:28:03

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	1.275	0.001	18020114	0.0114			
2	2	1.683	1.683	0.000	16824953	0.0107			
						RPD = 6.49			
3 PCB-1221									
1	2		1.406						
1	3		1.514						
1	4		1.543						
2	4		1.956						
2	5		2.087						
2	6		2.144						
4 PCB-1232									
1	100		1.543						
1	2		1.824						
1	3		2.216						
1	4		2.336						
1	5		2.714						
2	6		2.143						
2	7		2.538						
2	8		2.989						
2	9		3.128						
2	10		3.736						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.543						
1	2		1.825						
1	3		2.216						
1	4		2.336						
1	5		2.715						
2	6		2.142						
2	7		2.538						
2	8		2.990						
2	9		3.128						
2	10		3.738						
6 PCB-1016									
1	100	1.545	1.545	0.000	13865190	0.5109		100.0	
1	2	1.827	1.828	-0.001	26833607	0.5480	156.0- 206.0	193.5	
1	3	2.218	2.219	-0.001	55871737	0.5979	312.4- 362.4	403.0	
1	4	2.339	2.340	-0.001	21972357	0.5236	118.7- 188.7	158.5	
1	5	2.716	2.718	-0.002	22240687	0.5246	125.6- 175.6	160.4	
			Average of Peak Amounts =			0.5410			
2	6	2.145	2.145	0.000	13414685	0.5230		100.0	
2	7	2.541	2.541	0.000	27225120	0.5362	169.6- 229.6	203.0	
2	8	2.992	2.992	0.000	61277108	0.6166	351.4- 411.4	456.8	
2	9	3.131	3.130	0.001	25523222	0.5798	141.3- 201.3	190.3	
2	10	3.234	3.234	0.000	20005766	0.5841	102.5- 162.5	149.1	
			Average of Peak Amounts =			0.5680			
						RPD = 4.86			
7 PCB-1248									
1	86		1.824						
1	2		2.215						
1	3		2.715						
1	4		3.292						
1	5		3.725						
2	6		2.538						
2	7		2.989						
2	8		3.737						
2	9		4.013						
2	10		4.735						
8 PCB-1254									
1	100		3.339						
1	2		3.725						
1	3		4.008						
1	4		4.197						
1	5		4.480						
2	6		4.258						
2	7		4.734						
2	8		4.979						
2	9		5.340						
2	10		5.541						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.915	3.915	0.000	18300702	0.2933		100.0	
1	2	4.201	4.201	0.000	67415278	0.6122	152.2- 202.2	368.4	
1	3	4.481	4.482	-0.001	72218762	0.6708	146.4- 196.4	394.6	
1	4	5.181	5.181	0.000	84963281	0.6567	180.7- 230.7	464.3	
1	5	5.465	5.465	0.000	44948419	0.7717	64.1- 114.1	245.6	
			Average of Peak Amounts =			0.6009			
2	6	4.943	4.942	0.001	42559766	0.6187		100.0	
2	7	5.173	5.171	0.002	52018804	0.6516	87.6- 147.6	122.2	
2	8	5.541	5.540	0.001	82082634	0.6946	144.7- 204.7	192.9	
2	9	6.226	6.225	0.001	100292933	0.6878	187.7- 247.7	235.7	
2	10	6.606	6.606	0.000	72737989	0.7525	115.0- 175.0	170.9	
			Average of Peak Amounts =			0.6811			
						RPD = 12.50			
9 PCB-1262									
1	100		4.202						
1	2		4.604						
1	3		4.850						
1	4		5.179						
1	5		5.553						
2	6		5.171						
2	7		5.642						
2	8		5.947						
2	9		6.223						
2	10		6.602						
11 PCB-1268									
1	100		5.511						
1	2		5.548						
1	3		5.747						
1	4		6.124						
1	5		6.422						
2	6		6.601						
2	7		6.649						
2	8		6.912						
2	9		7.228						
2	10		7.571						
$ 12 DCB Decachlorobiphenyl									
1	100	6.619	6.619	0.000	15213278	0.0114			
2	2	7.842	7.840	0.002	20022824	0.0137			
						RPD = 18.71			

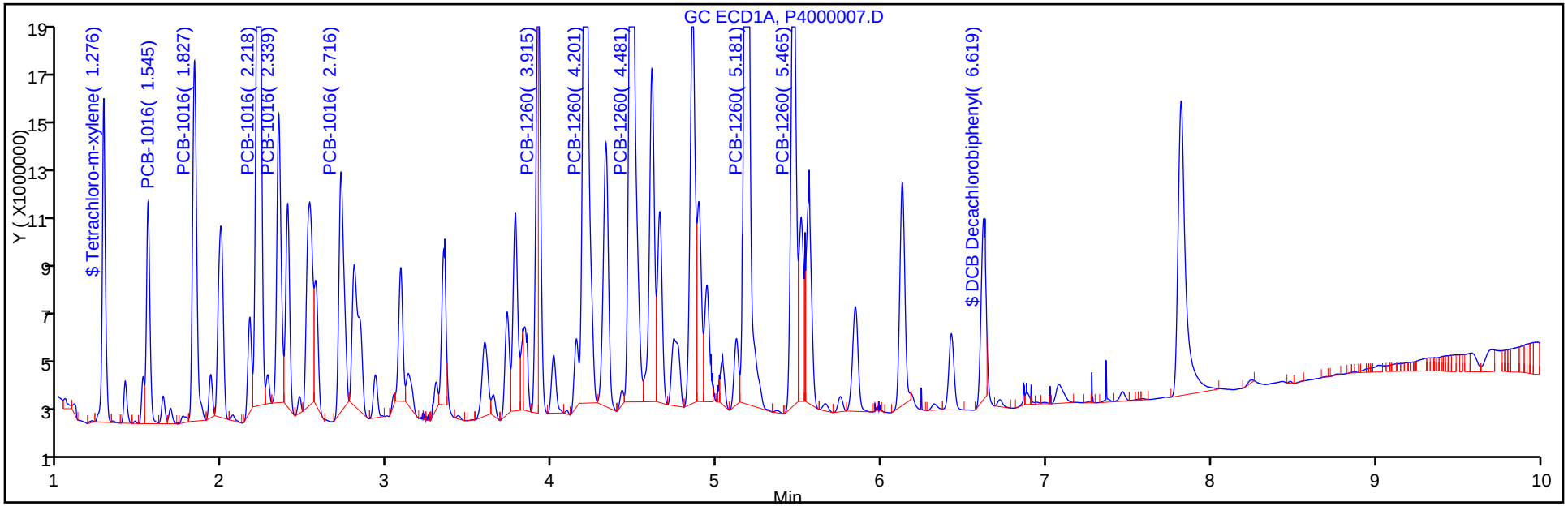
Report Date: 18-Apr-2013 10:28:03 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

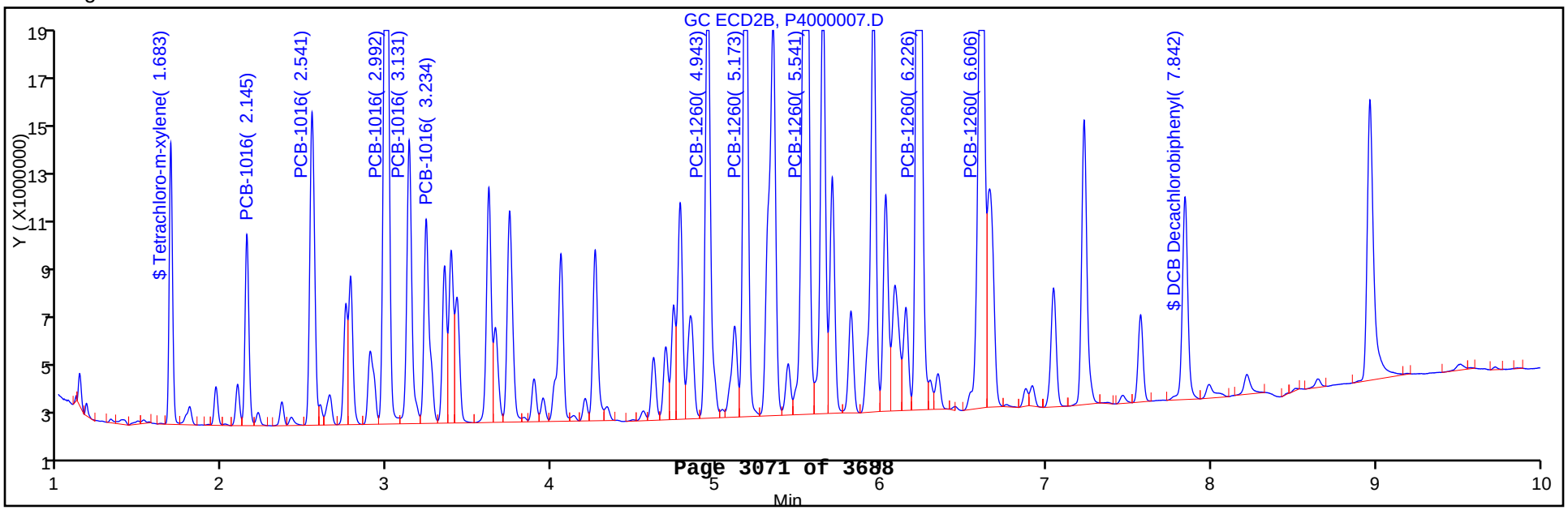
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18977.b\P4000007.D

Injection Date:	17-Apr-2013 18:19:36	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82392	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: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22804-1

SDG No.:

Client Sample ID: 078SB-0059-0001-IDW MSD | Lab Sample ID: 240-22804-1 MSD

Matrix: Solid | Lab File ID: P4000007.D

Analysis Method: 8082/DOD | Date Collected: 04/03/2013 10:00

Extraction Method: 3540C | Date Extracted: 04/15/2013 09:45

Sample wt/vol: 30.13(g) | Date Analyzed: 04/17/2013 18:19

Con. Extract Vol.: 10.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82392 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	29	U	59	29	19
12674-11-2	Aroclor-1016	223		77	29	25
11141-16-5	Aroclor-1232	29	U	53	29	17
53469-21-9	Aroclor-1242	29	U	47	29	15
12672-29-6	Aroclor-1248	29	U	65	29	20
11097-69-1	Aroclor-1254	29	U	65	29	20
11096-82-5	Aroclor-1260	268		65	29	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	53		40-140
2051-24-3	DCB Decachlorobiphenyl	69		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130417-18977.b\P4000007.D
Lims ID: 240-22804-C-1-F MSD Client ID:
Inject. Date: 17-Apr-2013 18:19:36 Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-0018977-007
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 7
Lims Batch ID: 82392 Lims Sample ID: 7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130417-18977.b\PCB4.m
Last Update: 18-Apr-2013 10:28:03 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: 18-Apr-2013 10:28:03

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	1.275	0.001	18020114	0.0114			
2	2	1.683	1.683	0.000	16824953	0.0107			
						RPD = 6.49			
3 PCB-1221									
1	2		1.406						
1	3		1.514						
1	4		1.543						
2	4		1.956						
2	5		2.087						
2	6		2.144						
4 PCB-1232									
1	100		1.543						
1	2		1.824						
1	3		2.216						
1	4		2.336						
1	5		2.714						
2	6		2.143						
2	7		2.538						
2	8		2.989						
2	9		3.128						
2	10		3.736						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.543						
1	2		1.825						
1	3		2.216						
1	4		2.336						
1	5		2.715						
2	6		2.142						
2	7		2.538						
2	8		2.990						
2	9		3.128						
2	10		3.738						
6 PCB-1016									
1	100	1.545	1.545	0.000	13865190	0.5109		100.0	
1	2	1.827	1.828	-0.001	26833607	0.5480	156.0- 206.0	193.5	
1	3	2.218	2.219	-0.001	55871737	0.5979	312.4- 362.4	403.0	
1	4	2.339	2.340	-0.001	21972357	0.5236	118.7- 188.7	158.5	
1	5	2.716	2.718	-0.002	22240687	0.5246	125.6- 175.6	160.4	
			Average of Peak Amounts =			0.5410			
2	6	2.145	2.145	0.000	13414685	0.5230		100.0	
2	7	2.541	2.541	0.000	27225120	0.5362	169.6- 229.6	203.0	
2	8	2.992	2.992	0.000	61277108	0.6166	351.4- 411.4	456.8	
2	9	3.131	3.130	0.001	25523222	0.5798	141.3- 201.3	190.3	
2	10	3.234	3.234	0.000	20005766	0.5841	102.5- 162.5	149.1	
			Average of Peak Amounts =			0.5680			
						RPD = 4.86			
7 PCB-1248									
1	86		1.824						
1	2		2.215						
1	3		2.715						
1	4		3.292						
1	5		3.725						
2	6		2.538						
2	7		2.989						
2	8		3.737						
2	9		4.013						
2	10		4.735						
8 PCB-1254									
1	100		3.339						
1	2		3.725						
1	3		4.008						
1	4		4.197						
1	5		4.480						
2	6		4.258						
2	7		4.734						
2	8		4.979						
2	9		5.340						
2	10		5.541						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.915	3.915	0.000	18300702	0.2933		100.0	
1	2	4.201	4.201	0.000	67415278	0.6122	152.2- 202.2	368.4	
1	3	4.481	4.482	-0.001	72218762	0.6708	146.4- 196.4	394.6	
1	4	5.181	5.181	0.000	84963281	0.6567	180.7- 230.7	464.3	
1	5	5.465	5.465	0.000	44948419	0.7717	64.1- 114.1	245.6	
			Average of Peak Amounts =			0.6009			
2	6	4.943	4.942	0.001	42559766	0.6187		100.0	
2	7	5.173	5.171	0.002	52018804	0.6516	87.6- 147.6	122.2	
2	8	5.541	5.540	0.001	82082634	0.6946	144.7- 204.7	192.9	
2	9	6.226	6.225	0.001	100292933	0.6878	187.7- 247.7	235.7	
2	10	6.606	6.606	0.000	72737989	0.7525	115.0- 175.0	170.9	
			Average of Peak Amounts =			0.6811			
						RPD = 12.50			
9 PCB-1262									
1	100		4.202						
1	2		4.604						
1	3		4.850						
1	4		5.179						
1	5		5.553						
2	6		5.171						
2	7		5.642						
2	8		5.947						
2	9		6.223						
2	10		6.602						
11 PCB-1268									
1	100		5.511						
1	2		5.548						
1	3		5.747						
1	4		6.124						
1	5		6.422						
2	6		6.601						
2	7		6.649						
2	8		6.912						
2	9		7.228						
2	10		7.571						
$ 12 DCB Decachlorobiphenyl									
1	100	6.619	6.619	0.000	15213278	0.0114			
2	2	7.842	7.840	0.002	20022824	0.0137			
						RPD = 18.71			

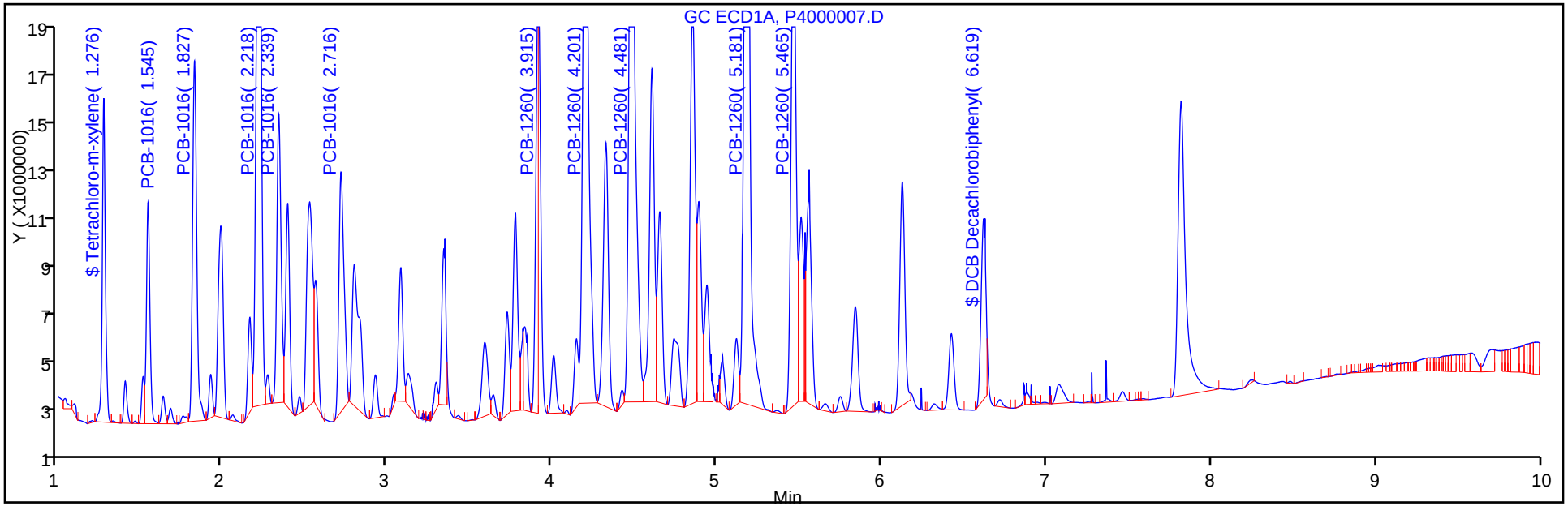
Report Date: 18-Apr-2013 10:28:04 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

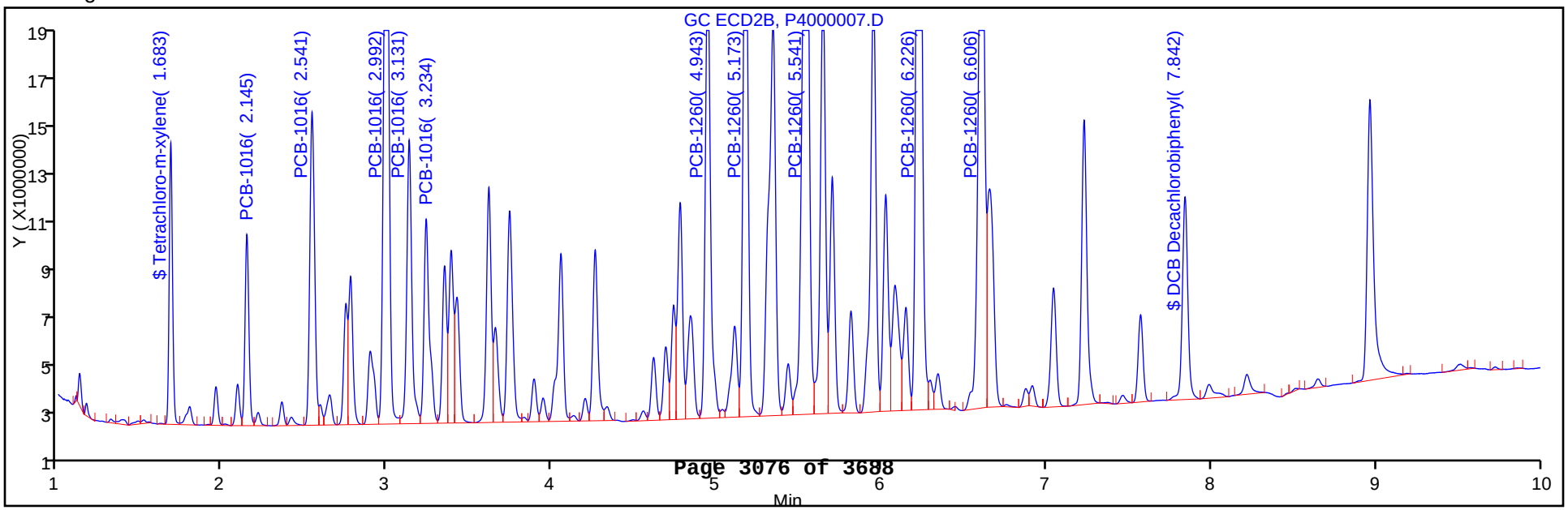
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18977.b\P4000007.D

Injection Date:	17-Apr-2013 18:19:36	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82392	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: Method Defined: Set to Absolute Y Value



PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-22804-1

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.: 240-22804-1

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.: 240-22804-1

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.: 240-22804-1

SDG No.:

Instrument ID: A2HP4 Start Date: 04/15/2013 14:14

Analysis Batch Number: 81995 End Date: 04/15/2013 17:54

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-81995/3 CCVRT		04/15/2013 14:14	1	P4000003.D	CLP-1 0.53(mm)
CCV 240-81995/3 CCVRT		04/15/2013 14:14	1	P4000003.D	CLP-2 0.53(mm)
MRL 240-81995/10		04/15/2013 16:04	1	P4000010.D	CLP-1 0.53(mm)
MRL 240-81995/10		04/15/2013 16:04	1	P4000010.D	CLP-2 0.53(mm)
240-22804-11	079RN-0317-0001-RN	04/15/2013 16:20	1	P4000011.D	CLP-1 0.53(mm)
240-22804-11	079RN-0317-0001-RN	04/15/2013 16:20	1	P4000011.D	CLP-2 0.53(mm)
MB 240-80942/6-A		04/15/2013 17:07	1	P4000014.D	CLP-1 0.53(mm)
MB 240-80942/6-A		04/15/2013 17:07	1	P4000014.D	CLP-2 0.53(mm)
LCS 240-80942/7-A		04/15/2013 17:23	1	P4000015.D	CLP-1 0.53(mm)
LCS 240-80942/7-A		04/15/2013 17:23	1	P4000015.D	CLP-2 0.53(mm)
CCV 240-81995/16		04/15/2013 17:38	1	P4000016.D	CLP-1 0.53(mm)
CCV 240-81995/16		04/15/2013 17:38	1	P4000016.D	CLP-2 0.53(mm)
MRL 240-81995/17		04/15/2013 17:54	1	P4000017.D	CLP-1 0.53(mm)
MRL 240-81995/17		04/15/2013 17:54	1	P4000017.D	CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Instrument ID: A2HP4 Start Date: 04/18/2013 09:37

Analysis Batch Number: 82363 End Date: 04/18/2013 15:37

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-82363/3 CCVRT		04/18/2013 09:37	1	P4000003.D	CLP-1 0.53(mm)
CCV 240-82363/3 CCVRT		04/18/2013 09:37	1	P4000003.D	CLP-2 0.53(mm)
MRL 240-82363/4		04/18/2013 09:52	1	P4000004.D	CLP-1 0.53(mm)
MRL 240-82363/4		04/18/2013 09:52	1	P4000004.D	CLP-2 0.53(mm)
ZZZZZ		04/18/2013 10:08	1		CLP-1 0.53(mm)
ZZZZZ		04/18/2013 10:08	1		CLP-2 0.53(mm)
ZZZZZ		04/18/2013 10:24	1		CLP-1 0.53(mm)
ZZZZZ		04/18/2013 10:24	1		CLP-2 0.53(mm)
ZZZZZ		04/18/2013 10:39	1		CLP-1 0.53(mm)
ZZZZZ		04/18/2013 10:39	1		CLP-2 0.53(mm)
ZZZZZ		04/18/2013 10:55	1		CLP-1 0.53(mm)
ZZZZZ		04/18/2013 10:55	1		CLP-2 0.53(mm)
ZZZZZ		04/18/2013 11:11	1		CLP-1 0.53(mm)
ZZZZZ		04/18/2013 11:11	1		CLP-2 0.53(mm)
ZZZZZ		04/18/2013 11:26	1		CLP-1 0.53(mm)
ZZZZZ		04/18/2013 11:26	1		CLP-2 0.53(mm)
ZZZZZ		04/18/2013 11:42	1		CLP-1 0.53(mm)
ZZZZZ		04/18/2013 11:42	1		CLP-2 0.53(mm)
ZZZZZ		04/18/2013 11:57	1		CLP-1 0.53(mm)
ZZZZZ		04/18/2013 11:57	1		CLP-2 0.53(mm)
MB 240-81730/20-A		04/18/2013 12:13	1	P4000013.D	CLP-1 0.53(mm)
MB 240-81730/20-A		04/18/2013 12:13	1	P4000013.D	CLP-2 0.53(mm)
CCV 240-82363/14		04/18/2013 12:29	1	P4000014.D	CLP-1 0.53(mm)
CCV 240-82363/14		04/18/2013 12:29	1	P4000014.D	CLP-2 0.53(mm)
ZZZZZ		04/18/2013 12:44	1		CLP-1 0.53(mm)
ZZZZZ		04/18/2013 12:44	1		CLP-2 0.53(mm)
ZZZZZ		04/18/2013 13:00	10		CLP-1 0.53(mm)
ZZZZZ		04/18/2013 13:00	10		CLP-2 0.53(mm)
ZZZZZ		04/18/2013 13:16	1		CLP-1 0.53(mm)
ZZZZZ		04/18/2013 13:16	1		CLP-2 0.53(mm)
ZZZZZ		04/18/2013 13:31	1		CLP-1 0.53(mm)
ZZZZZ		04/18/2013 13:31	1		CLP-2 0.53(mm)
240-22804-4	074SB-0010-0001-SO	04/18/2013 14:34	1	P4000022.D	CLP-1 0.53(mm)
240-22804-4	074SB-0010-0001-SO	04/18/2013 14:34	1	P4000022.D	CLP-2 0.53(mm)
ZZZZZ		04/18/2013 14:50	1		CLP-1 0.53(mm)
ZZZZZ		04/18/2013 14:50	1		CLP-2 0.53(mm)
LCS 240-81730/21-A		04/18/2013 15:05	1	P4000024.D	CLP-1 0.53(mm)
LCS 240-81730/21-A		04/18/2013 15:05	1	P4000024.D	CLP-2 0.53(mm)
CCV 240-82363/25		04/18/2013 15:21	1	P4000025.D	CLP-1 0.53(mm)
CCV 240-82363/25		04/18/2013 15:21	1	P4000025.D	CLP-2 0.53(mm)
MRL 240-82363/26		04/18/2013 15:37	1	P4000026.D	CLP-1 0.53(mm)
MRL 240-82363/26		04/18/2013 15:37	1	P4000026.D	CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Instrument ID: A2HP4 Start Date: 04/19/2013 21:58

Analysis Batch Number: 82762 End Date: 04/20/2013 00:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-82762/3 CCVRT		04/19/2013 21:58	1	P4000003.D	CLP-1 0.53(mm)
CCV 240-82762/3 CCVRT		04/19/2013 21:58	1	P4000003.D	CLP-2 0.53(mm)
ZZZZZ		04/19/2013 22:14	1		CLP-1 0.53(mm)
ZZZZZ		04/19/2013 22:14	1		CLP-2 0.53(mm)
ZZZZZ		04/19/2013 22:29	1		CLP-1 0.53(mm)
ZZZZZ		04/19/2013 22:29	1		CLP-2 0.53(mm)
ZZZZZ		04/19/2013 22:45	10		CLP-1 0.53(mm)
ZZZZZ		04/19/2013 22:45	10		CLP-2 0.53(mm)
ZZZZZ		04/19/2013 23:01	5		CLP-1 0.53(mm)
ZZZZZ		04/19/2013 23:01	5		CLP-2 0.53(mm)
ZZZZZ		04/19/2013 23:16	5		CLP-1 0.53(mm)
ZZZZZ		04/19/2013 23:16	5		CLP-2 0.53(mm)
ZZZZZ		04/19/2013 23:47	1		CLP-1 0.53(mm)
ZZZZZ		04/19/2013 23:47	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2013 00:03	1		CLP-1 0.53(mm)
ZZZZZ		04/20/2013 00:03	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2013 00:18	1		CLP-1 0.53(mm)
ZZZZZ		04/20/2013 00:18	1		CLP-2 0.53(mm)
CCV 240-82762/13		04/20/2013 00:34	1	P4000013.D	CLP-1 0.53(mm)
CCV 240-82762/13		04/20/2013 00:34	1	P4000013.D	CLP-2 0.53(mm)
ZZZZZ		04/20/2013 00:50	1		CLP-1 0.53(mm)
ZZZZZ		04/20/2013 00:50	1		CLP-2 0.53(mm)

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-22804-1

SDG No.:

Batch Number: 80942 Batch Start Date: 04/08/13 11:00 Batch Analyst: Mills, Lisa

Batch Method: 3520C Batch End Date: 04/09/13 05:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ReceivedpH	EX10PPMSPK 00007	EX2/.2SURRW 00023	AnalysisComment
240-22804-H-11	079RN-0317-0001-RN	3520C, 8082/DOD	T	1000 mL	5 mL	7		1 mL	assoc w/ 80943
MB 240-80942/6		3520C, 8082/DOD		1000 mL	5 mL	7		1 mL	assoc w/ 80943
LCS 240-80942/7		3520C, 8082/DOD		1000 mL	5 mL	7	0.5 mL	1 mL	

Batch Notes	
Acid used for Clean Up Reagent	924923
Exchange Solvent Lot #	926688
Na2SO4 Lot Number	857430
Prep Solvent Lot #	921742

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.: 240-22804-1

SDG No.:

Batch Number: 81730 Batch Start Date: 04/12/13 14:25 Batch Analyst: Cerne, Amanda

Batch Method: 3540C Batch End Date: 04/13/13 06:25

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EX10PPMSPK 00007	EX2/.2SURRW 00023	AnalysisComment	
240-22804-G-4	074SB-0010-0001-SO	3540C, 8082/DOD	T	30.01 g	10 mL		1 mL	Assoc w/ 81726	
MB 240-81730/20		3540C, 8082/DOD		30.00 g	10 mL		1 mL	Assoc w/ 81726	
LCS 240-81730/21		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.

Method 8330 Nitroguanidine

Nitroguanidine (HPLC) by Method 8330

FORM III
HPLC/IC LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Sacramento Job No.: 240-22804-1

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.: 240-22804-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 320-0003838-006-1.d

Lab ID: LCS 320-13885/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Nitroguanidine	1.00	0.901	90	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.: 240-22804-1

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
079RN-0317-0001-RN	240-22804-11	320-0003783-047-1.d	04/10/2013 05:55

FORM IV
HPLC/IC METHOD BLANK SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22804-1

SDG No.:

Lab File ID: 320-0003838-005-1.d Lab Sample ID: MB 320-13885/1-A

Matrix: Solid Date Extracted: 04/09/2013 10:24

Instrument ID: PDA1 Date Analyzed: 04/11/2013 16:18

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 320-13885/2-A	320-0003838-006-1.d	04/11/2013 16:36
074SB-0010-0001-SO	240-22804-4	320-0003838-016-1.d	04/11/2013 19:34

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22804-1

SDG No.:

Client Sample ID: 074SB-0010-0001-SO Lab Sample ID: 240-22804-4

Matrix: Solid Lab File ID: 320-0003838-016-1.d

Analysis Method: 8330 Modified Date Collected: 04/03/2013 11:40

Extraction Method: Sieve/Ultrasoni Date Extracted: 04/09/2013 10:24

Sample wt/vol: 2.08(g) Date Analyzed: 04/11/2013 19:34

Con. Extract Vol.: 10.00(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.: 14120 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.038	U	0.24	0.038	0.019

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130411-3838.b\320-0003838-016-1.d		
Lims ID:	240-22804-F-4-B	Client ID:	074SB-0010-0001-SO
Inject. Date:	11-Apr-2013 19:34:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0003838-016 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14120	Lims Sample ID:	16
Detector:	GC 320-0003838-016-1		
Method:	\\SACChrom\ChromData\PDA1\20130411-3838.b\NGu Primary.m		
Last Update:	12-Apr-2013 09:32:07	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:	XAWRK034		

First Level Reviewer: russellk Date: 12-Apr-2013 09:32:16

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags

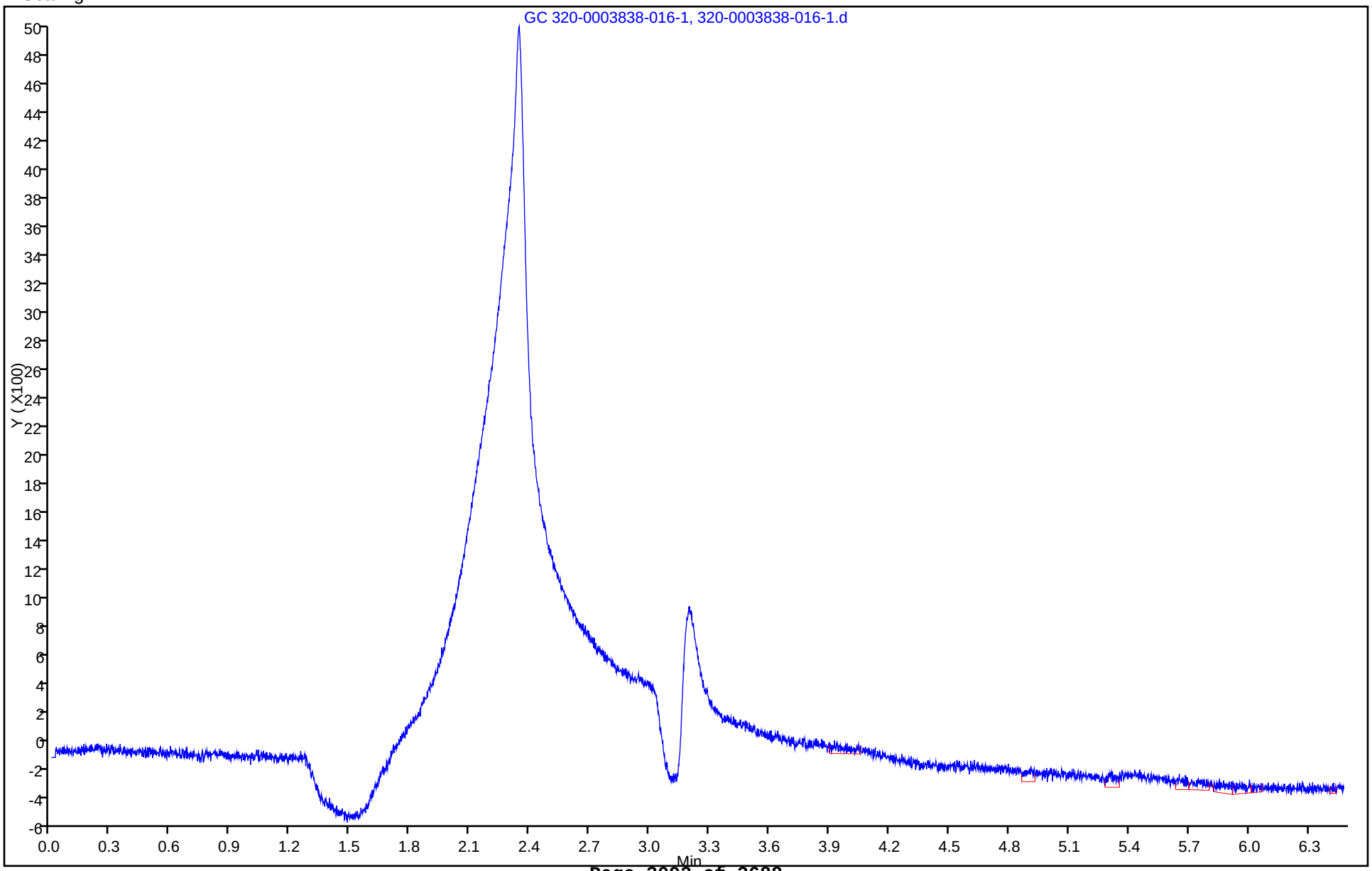
Report Date: 12-Apr-2013 09:32:16 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130411-3838.b\320-0003838-016-1.d

Injection Date:	11-Apr-2013 19:34:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	074SB-0010-0001-SO	Instrument ID:	PDA1
Lims Batch ID:	14120	Lims Sample ID:	16
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.: 240-22804-1

SDG No.:

Client Sample ID: 079RN-0317-0001-RN Lab Sample ID: 240-22804-11

Matrix: Water Lab File ID: 320-0003783-047-1.d

Analysis Method: 8330 Modified Date Collected: 04/03/2013 15:00

Extraction Method: Filtration Date Extracted: 04/08/2013 10:17

Sample wt/vol: 10(mL) Date Analyzed: 04/10/2013 05:55

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\320-0003783-047-1.d		
Lims ID:	240-22804-A-11-A	Client ID:	079RN-0317-0001-RN
Inject. Date:	10-Apr-2013 05:55:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0003783-047 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:	47
Detector:	GC 320-0003783-047-1		
Method:	\\SACChrom\ChromData\PDA1\20130409-3783.b\NGu Primary.m		
Last Update:	10-Apr-2013 11:11:27	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:	XAWRK020		

First Level Reviewer: russellk Date: 10-Apr-2013 11:11:34

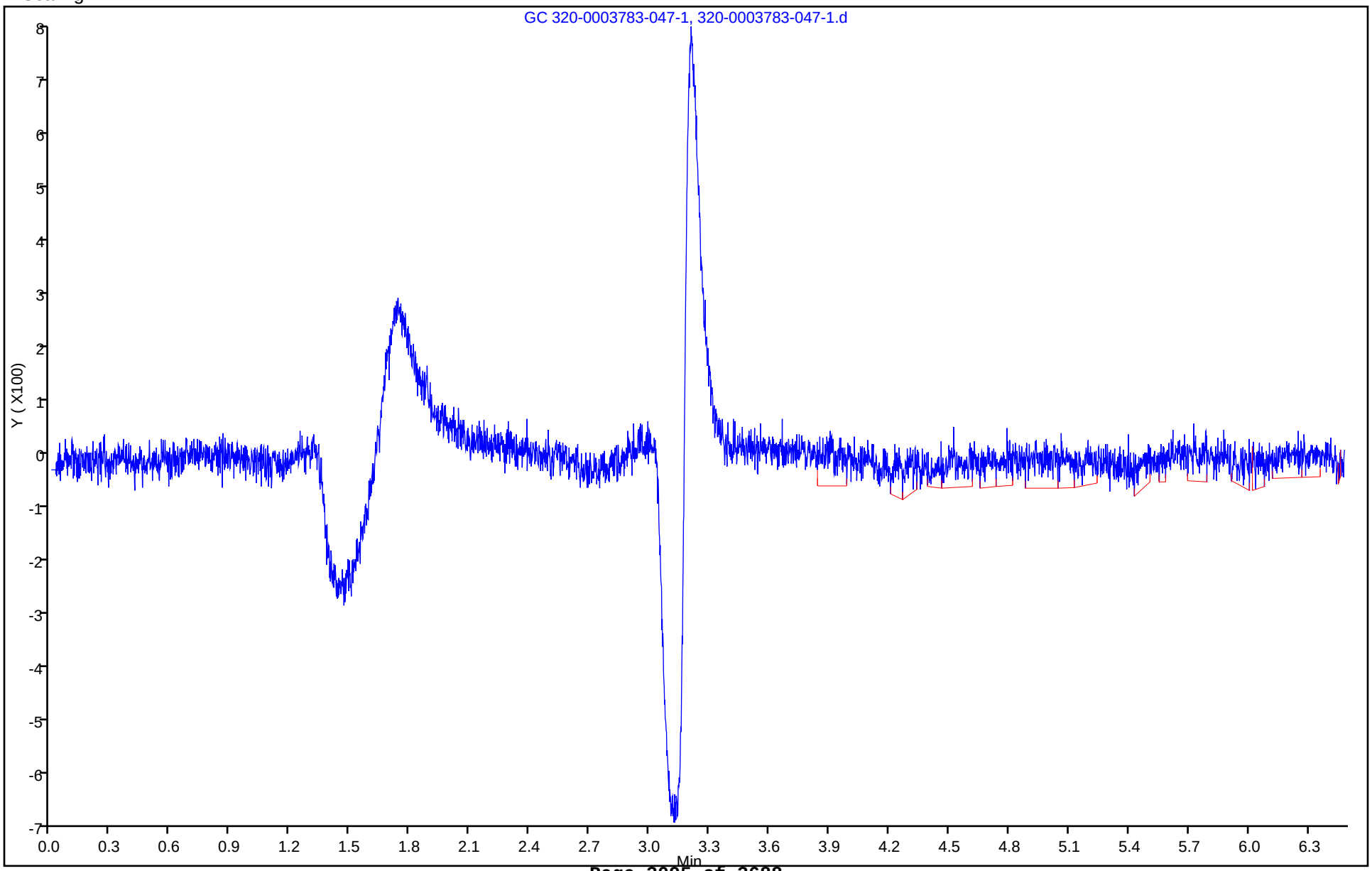
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags

Report Date: 10-Apr-2013 11:11:35 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20130409-3783.b\320-0003783-047-1.d		
Injection Date:	10-Apr-2013 05:55:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	079RN-0317-0001-RN	Instrument ID:	PDA1
Lims Batch ID:	13918	Lims Sample ID:	47
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.: 240-22804-1 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.: 240-22804-1 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.: 240-22804-1 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	

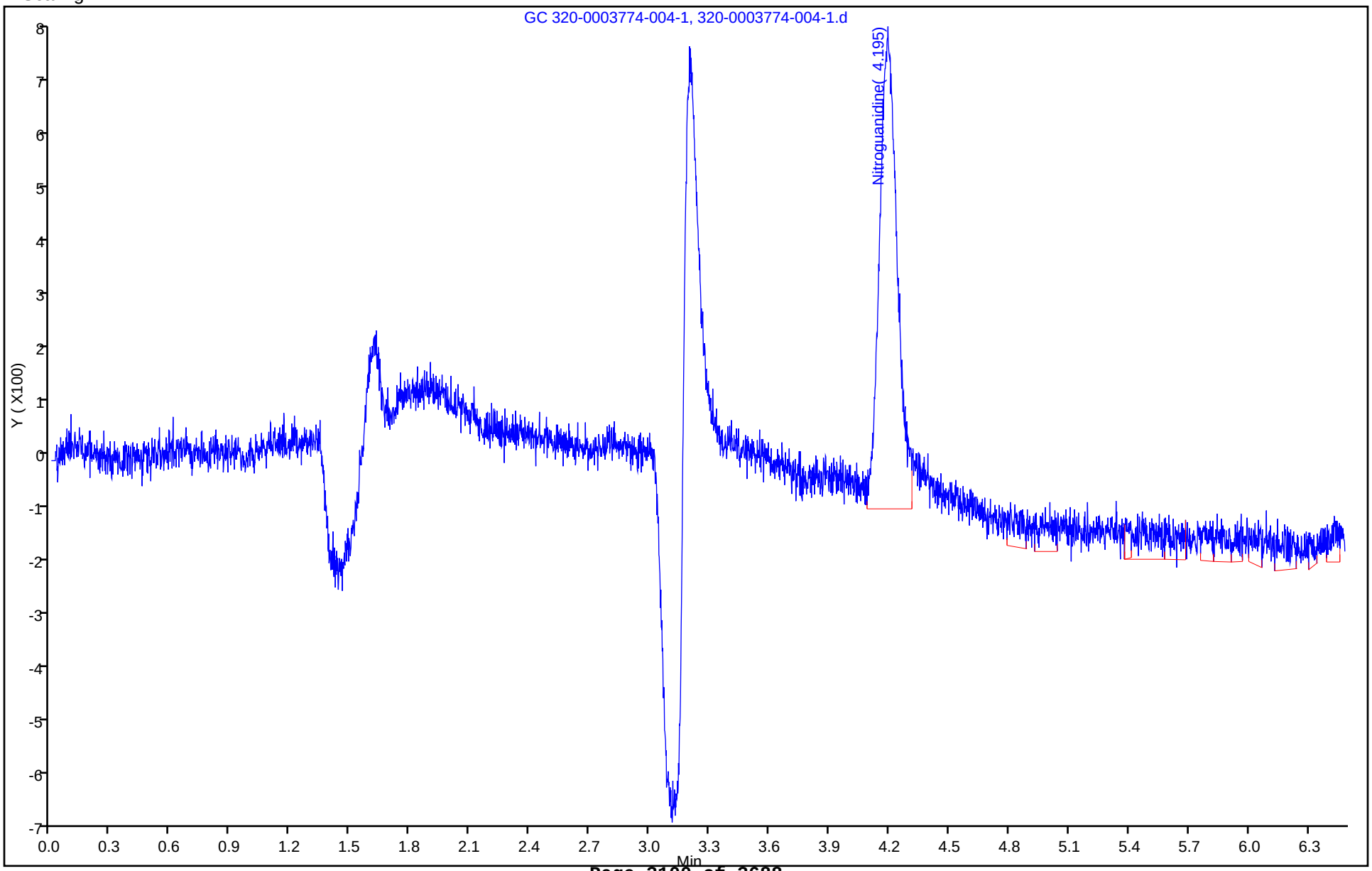
Report Date: 10-Apr-2013 10:05:30 Chrom Revision: 2.1 07-Apr-2013 20:36:54

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	

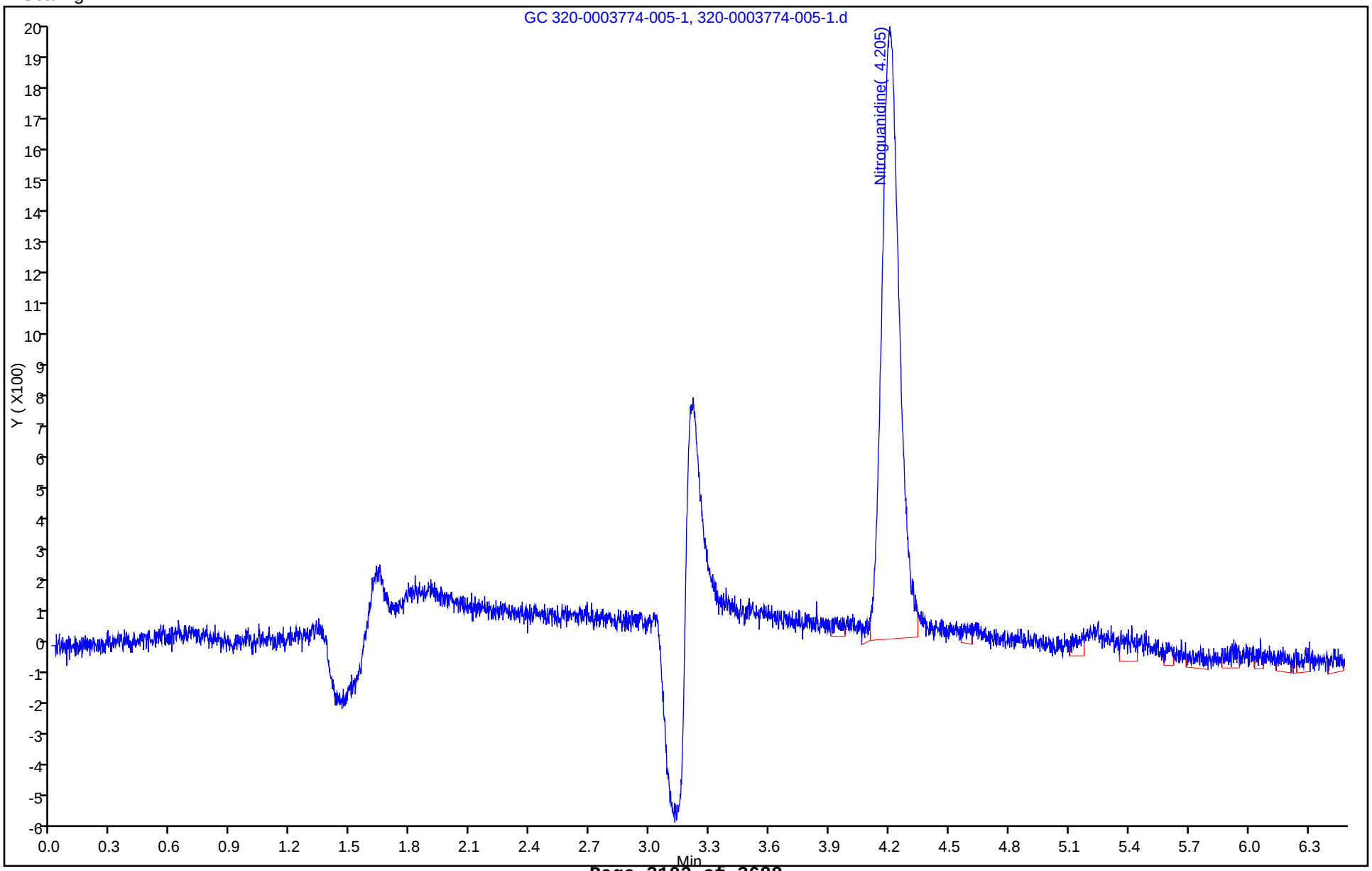
Report Date: 10-Apr-2013 10:05:31 Chrom Revision: 2.1 07-Apr-2013 20:36:54

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	

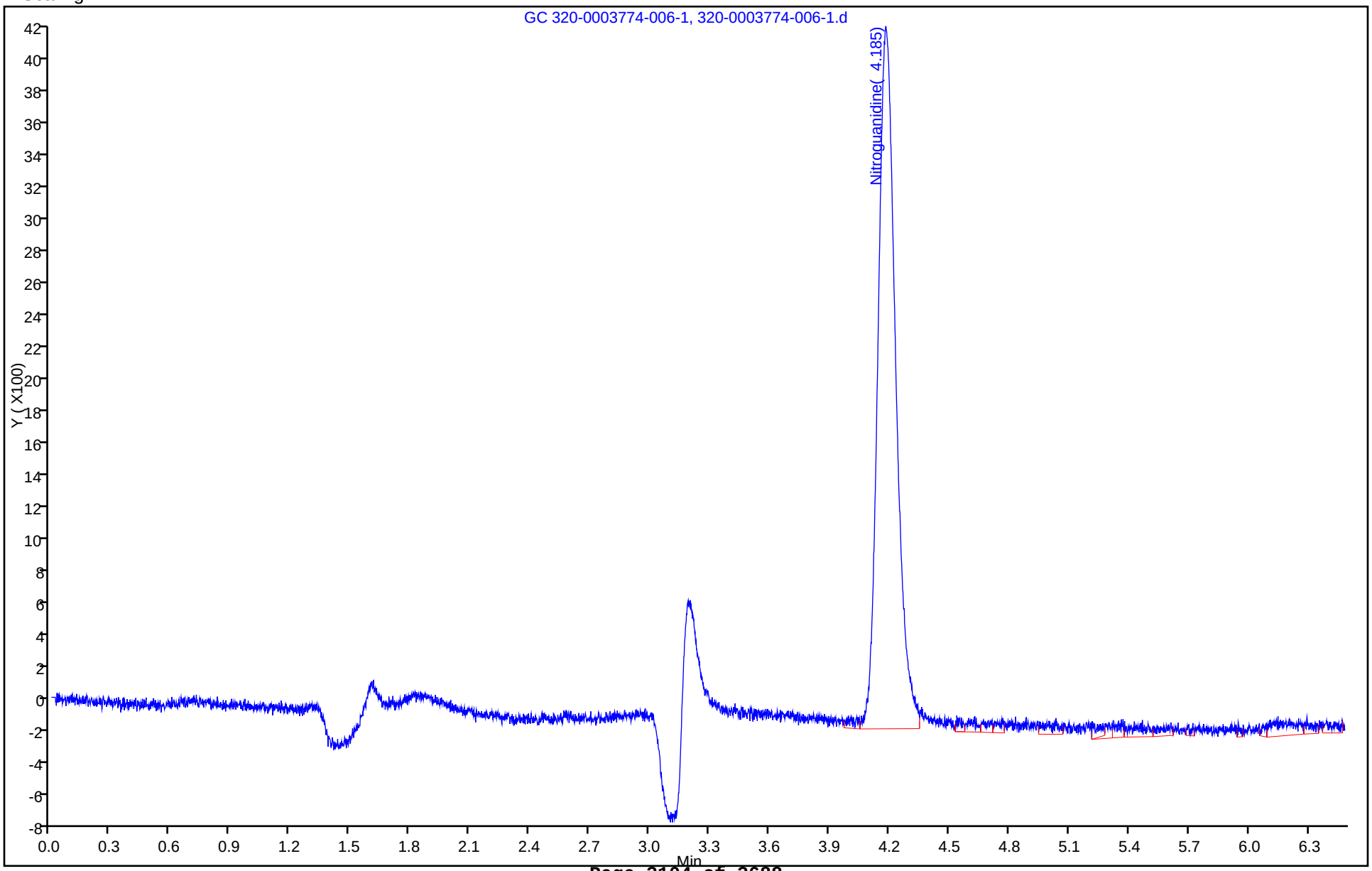
Report Date: 10-Apr-2013 10:05:31 Chrom Revision: 2.1 07-Apr-2013 20:36:54

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	

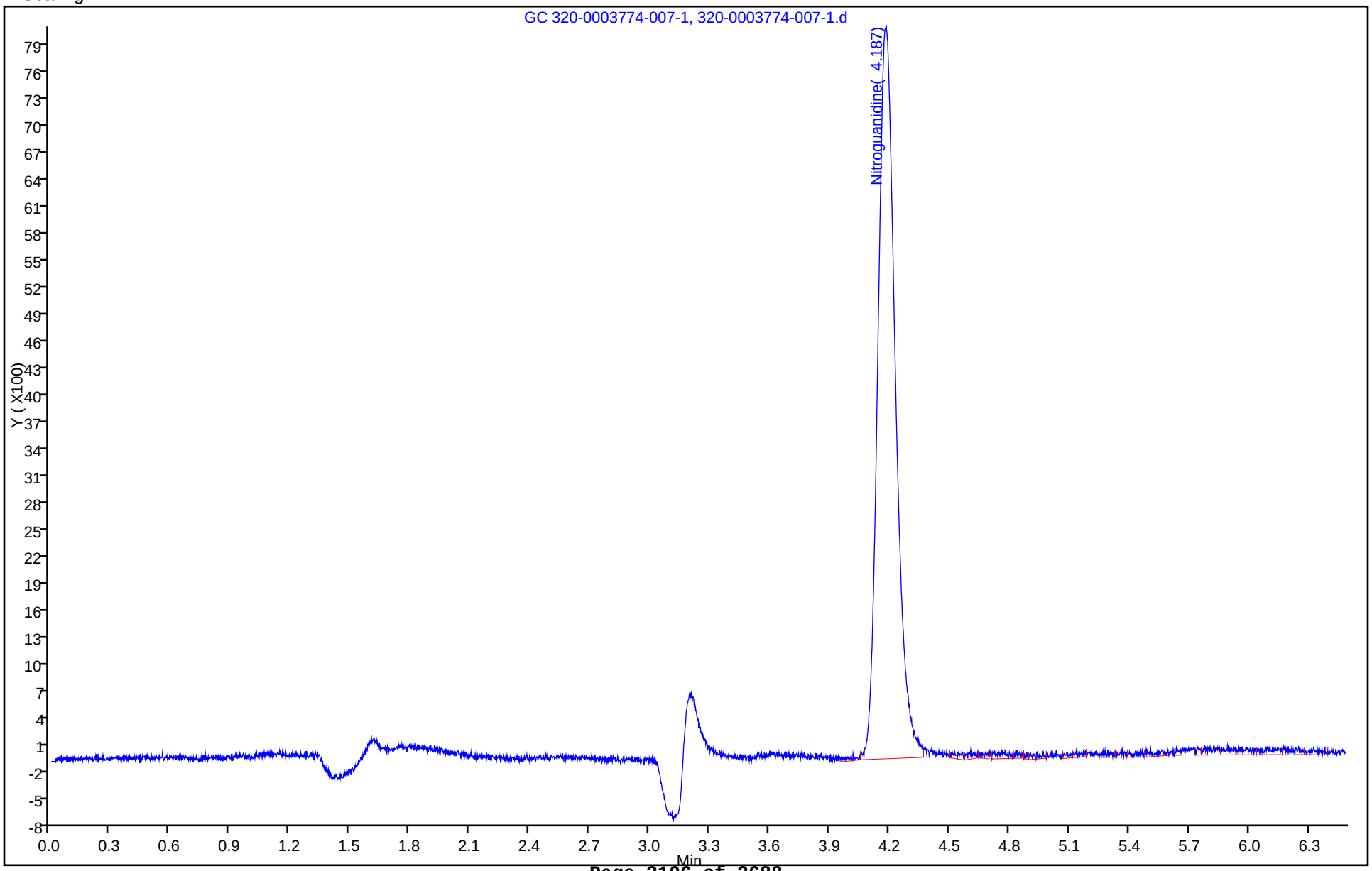
Report Date: 10-Apr-2013 10:05:31 Chrom Revision: 2.1 07-Apr-2013 20:36:54

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	

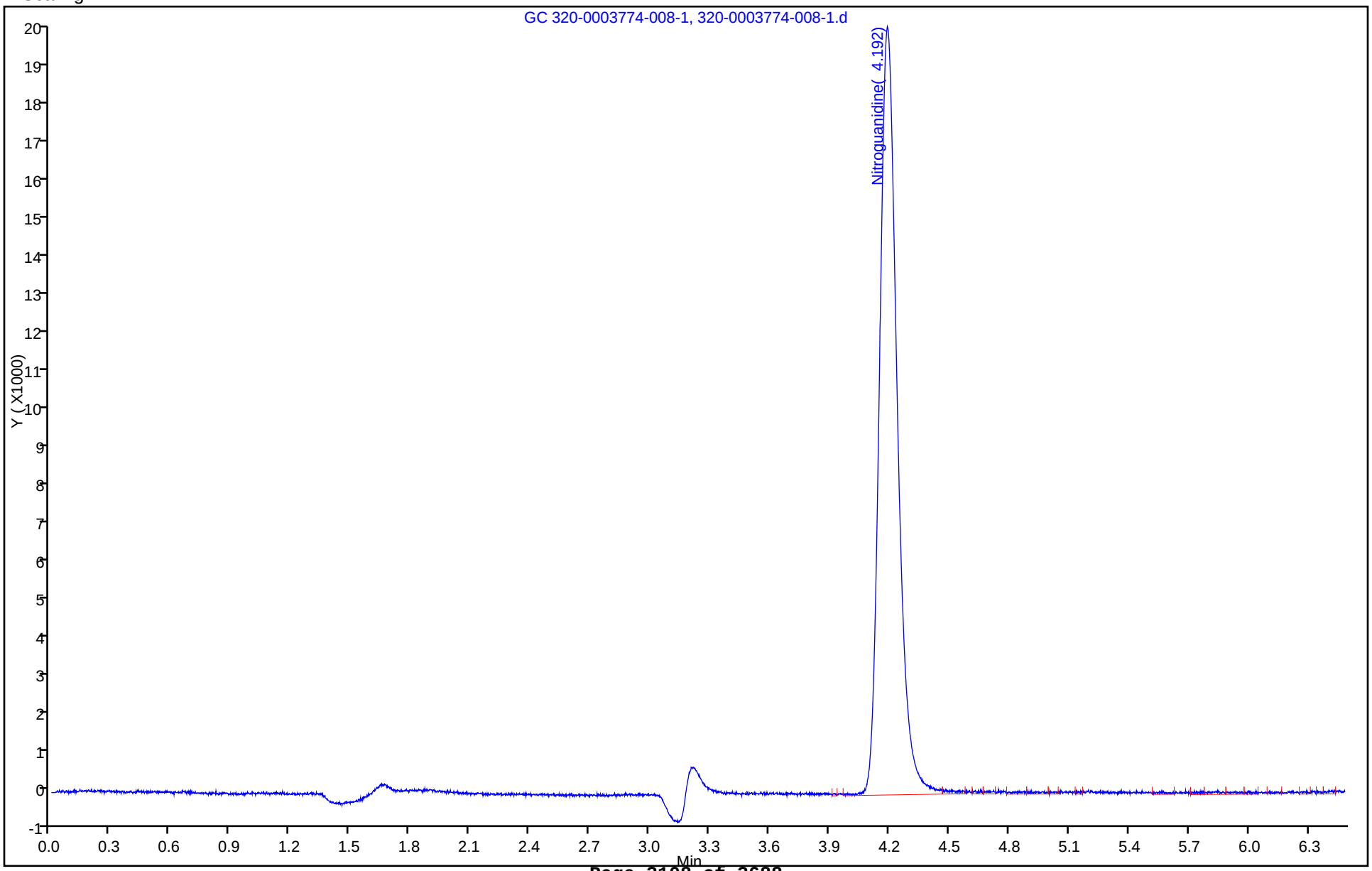
Report Date: 10-Apr-2013 10:05:32 Chrom Revision: 2.1 07-Apr-2013 20:36:54

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	

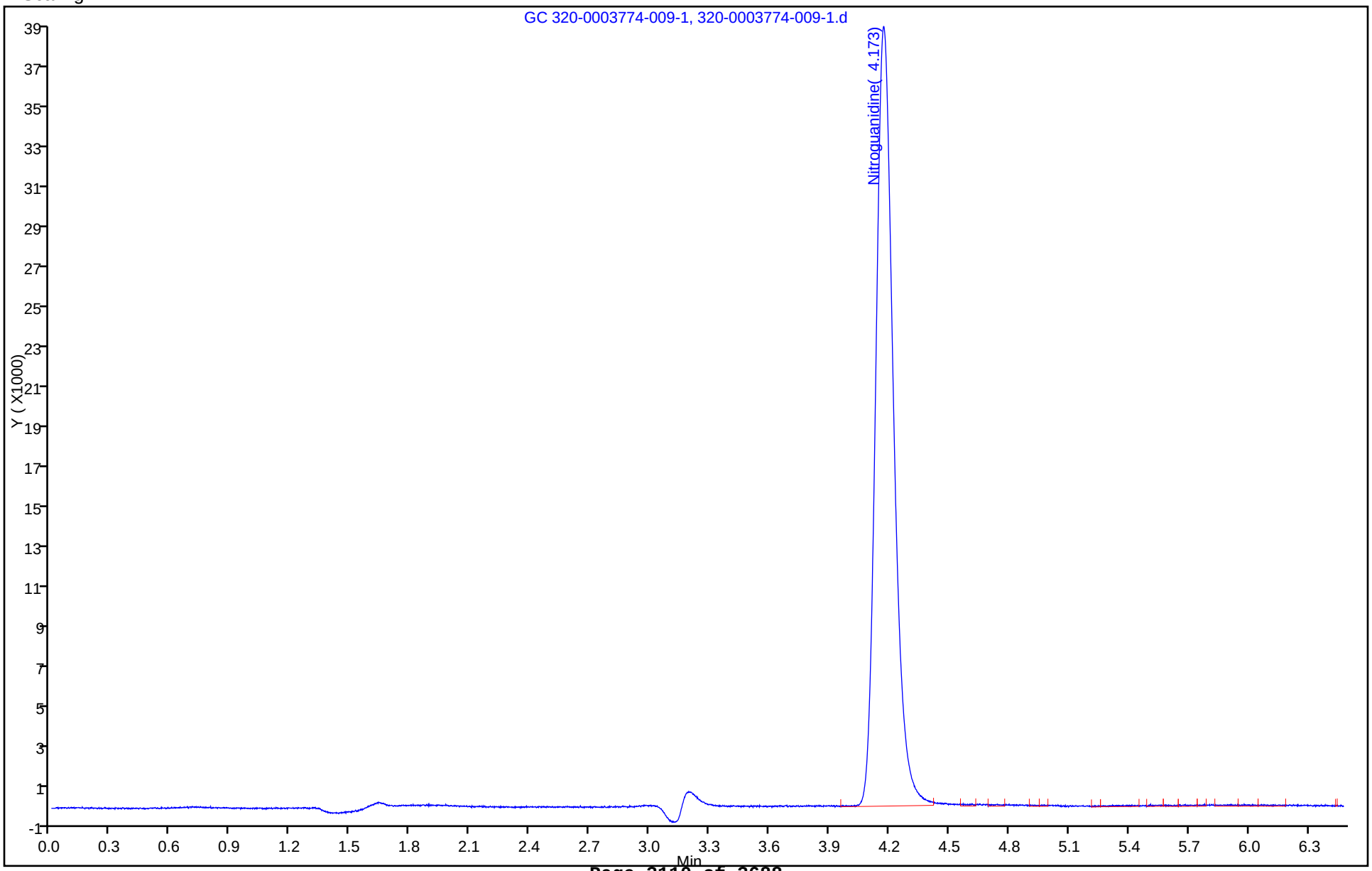
Report Date: 10-Apr-2013 10:05:32 Chrom Revision: 2.1 07-Apr-2013 20:36:54

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 VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22804-1

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.: 240-22804-1

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	

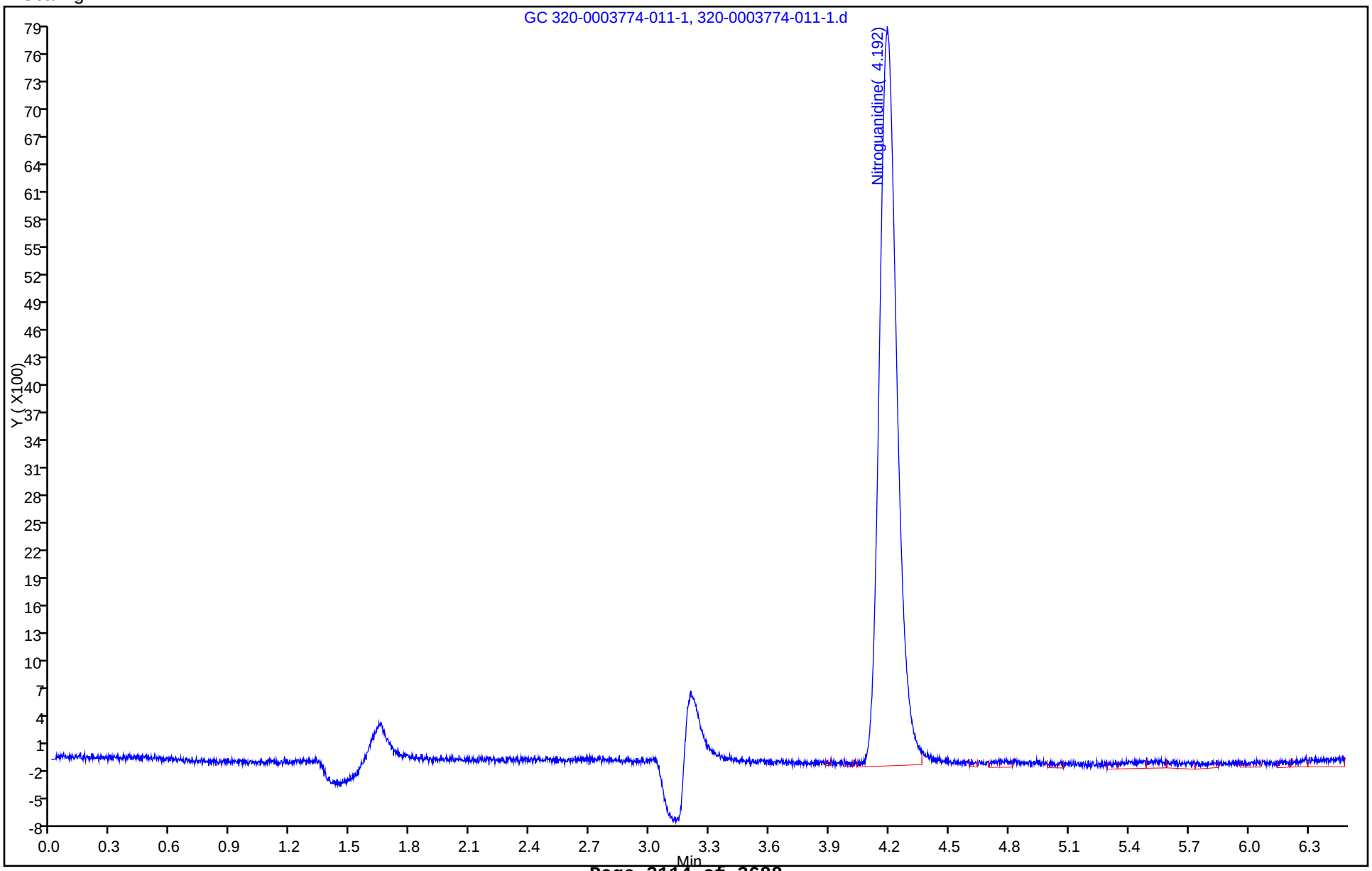
Report Date: 10-Apr-2013 10:05:33 Chrom Revision: 2.1 07-Apr-2013 20:36:54

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.: 240-22804-1

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
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22804-1

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

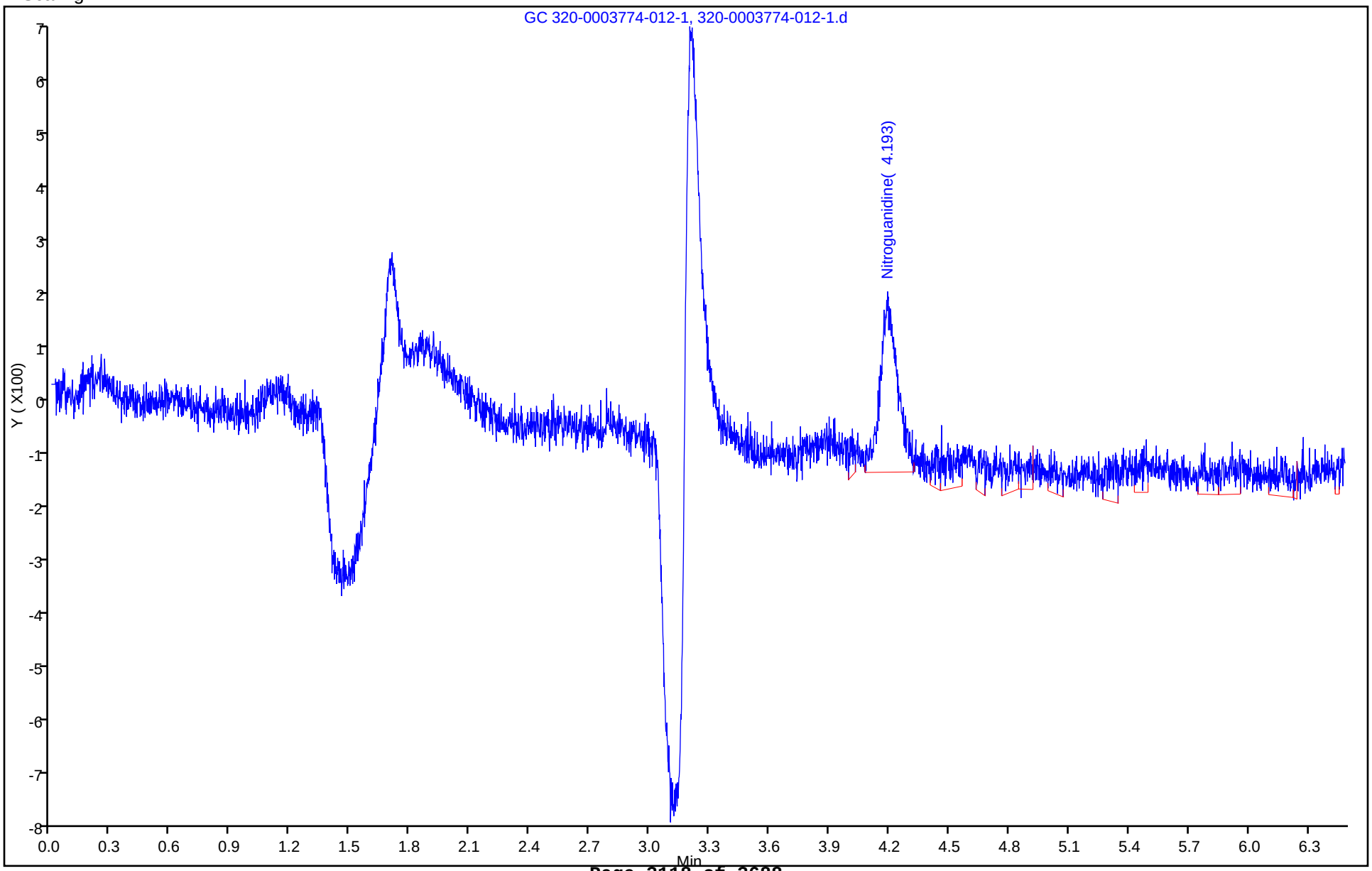
Report Date: 10-Apr-2013 10:05:33 Chrom Revision: 2.1 07-Apr-2013 20:36:54

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

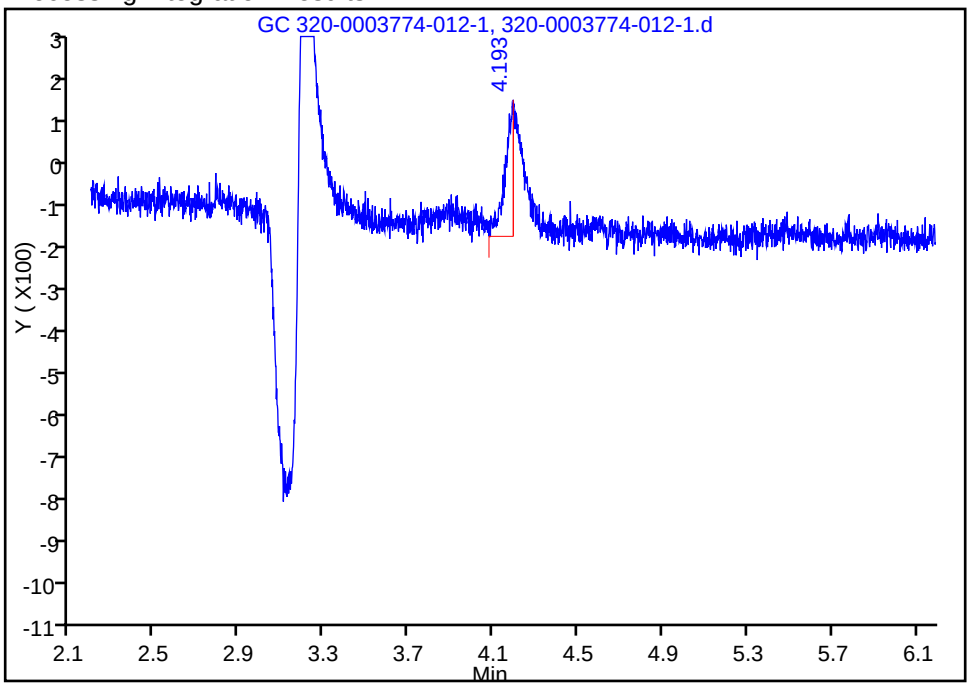
TestAmerica Sacramento

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

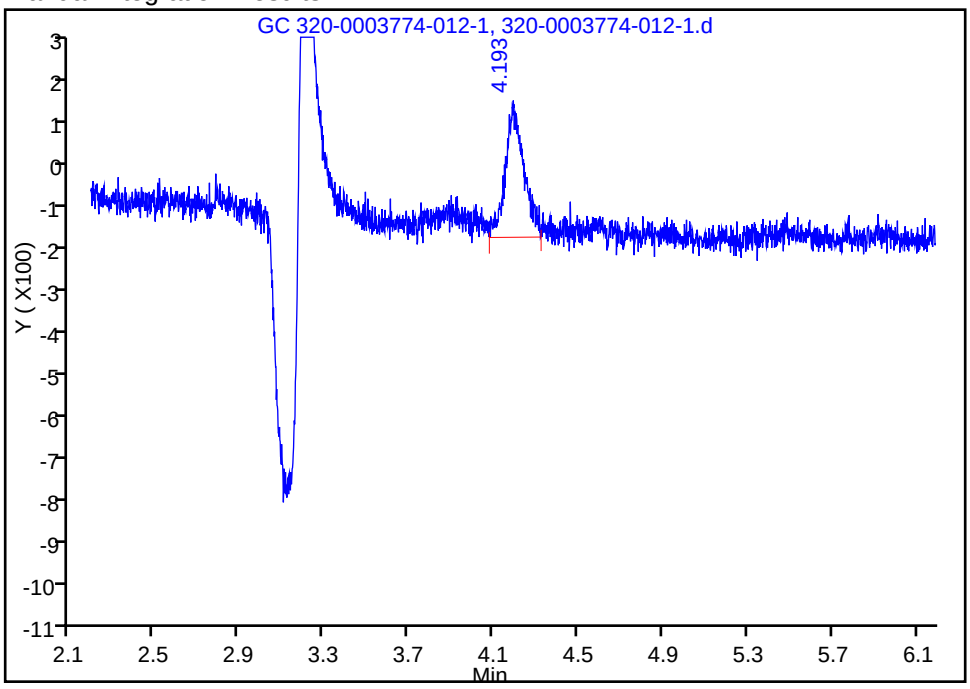
Processing Integration Results

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.: 240-22804-1

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.: 240-22804-1

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	

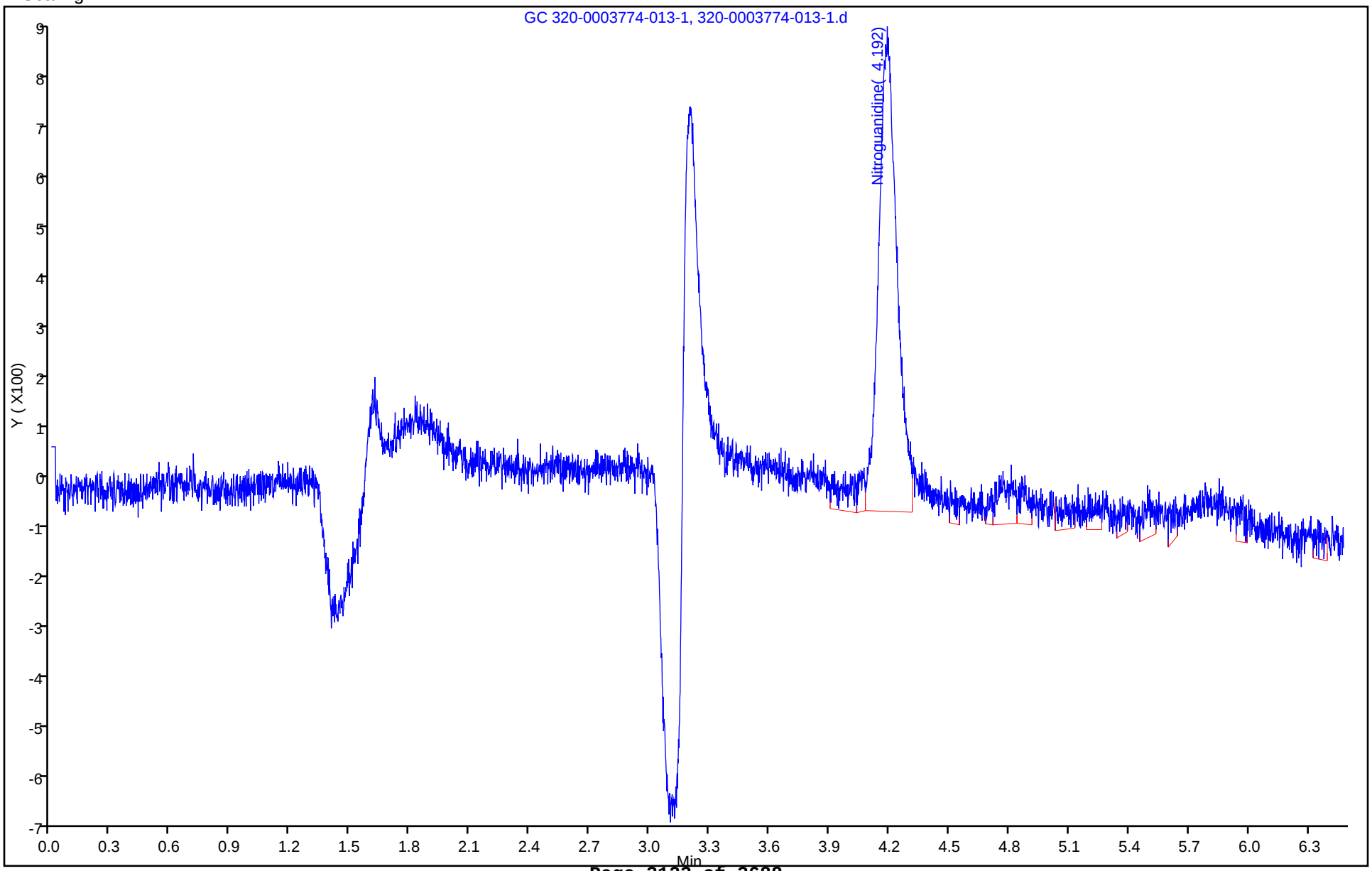
Report Date: 10-Apr-2013 10:05:36 Chrom Revision: 2.1 07-Apr-2013 20:36:54

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.: 240-22804-1

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.: 240-22804-1

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	

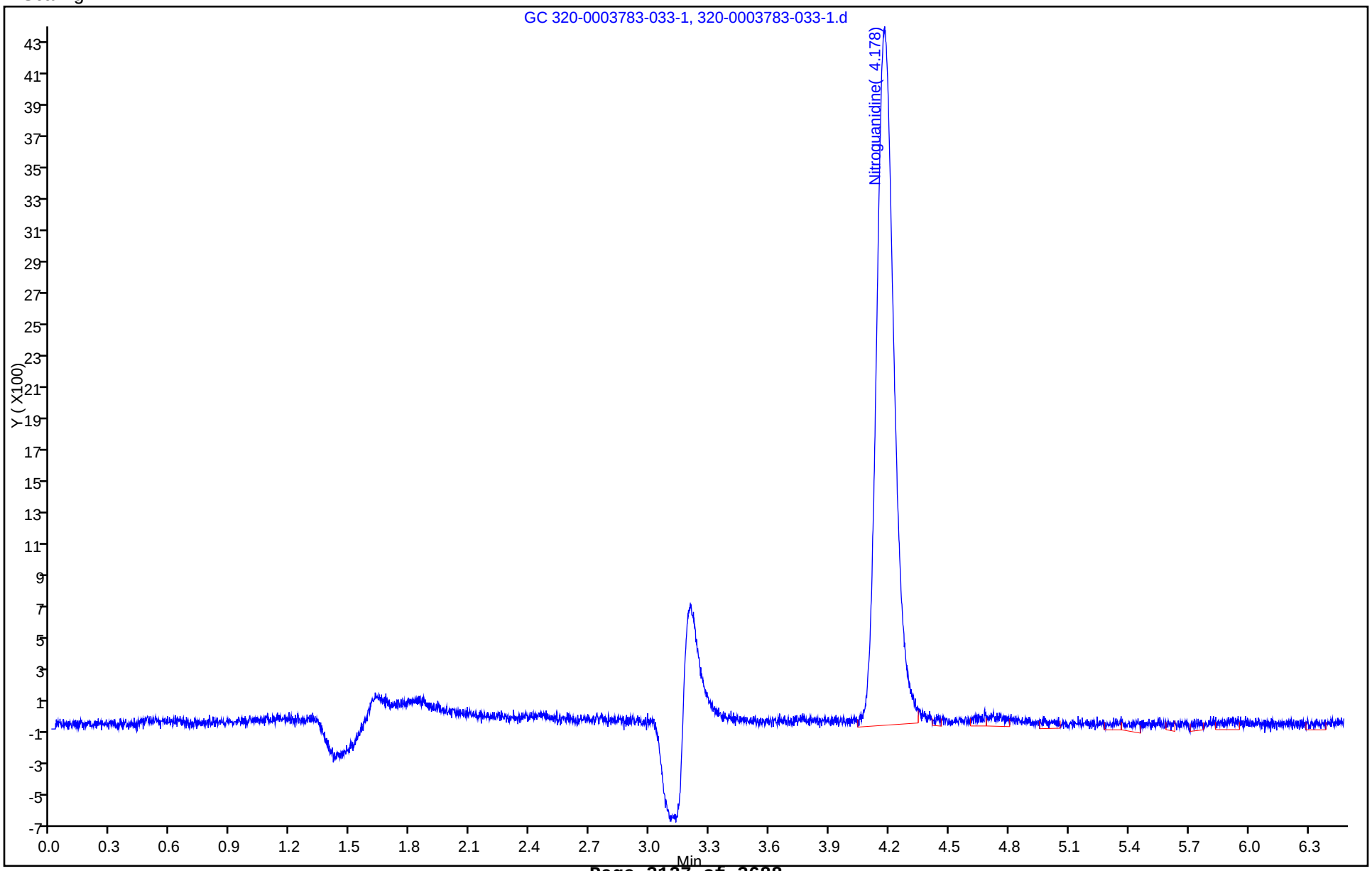
Report Date: 10-Apr-2013 11:08:18 Chrom Revision: 2.1 07-Apr-2013 20:36:54

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.: 240-22804-1

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.: 240-22804-1

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	

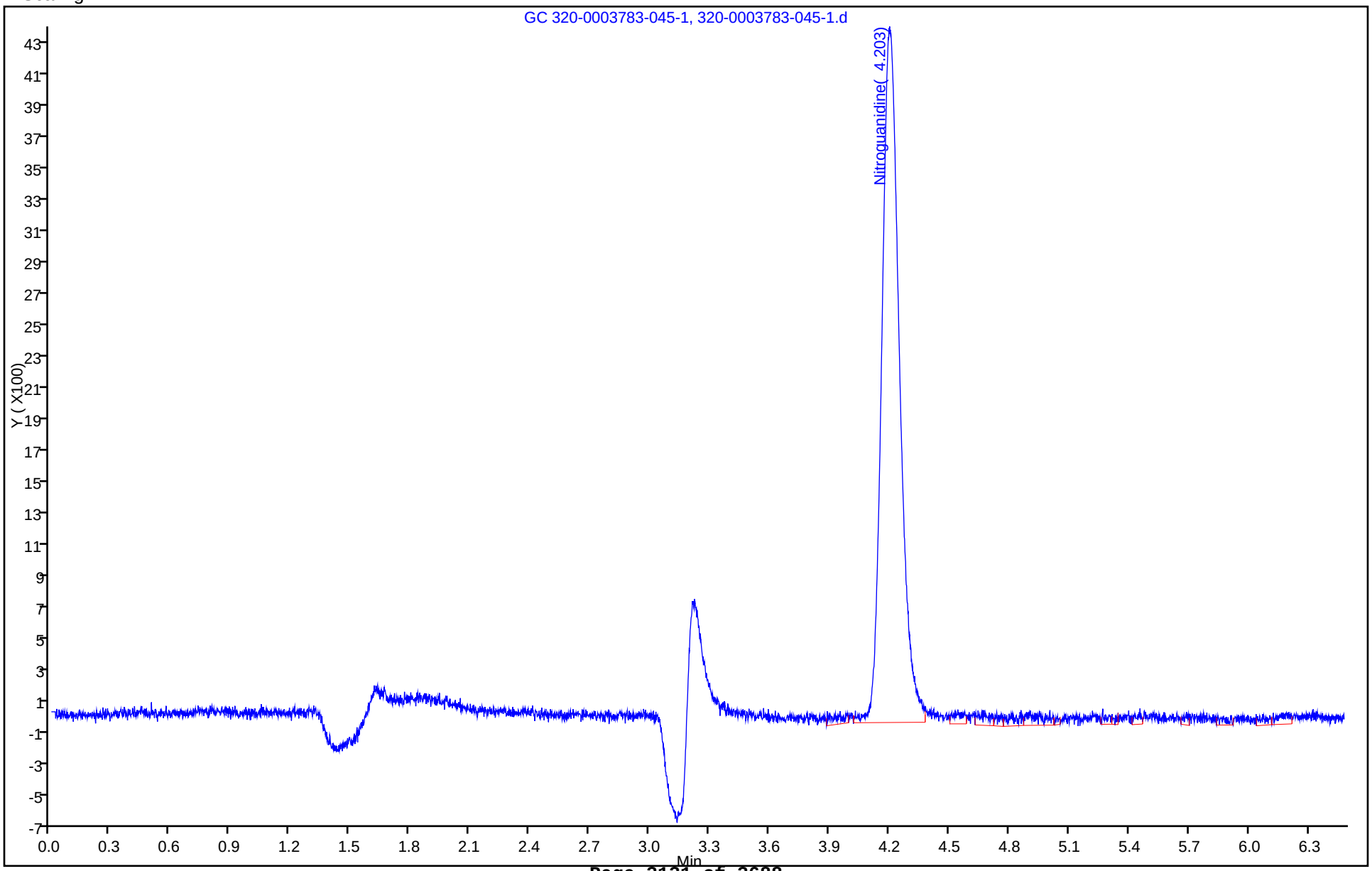
Report Date: 10-Apr-2013 11:11:14 Chrom Revision: 2.1 07-Apr-2013 20:36:54

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.: 240-22804-1

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
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22804-1

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	

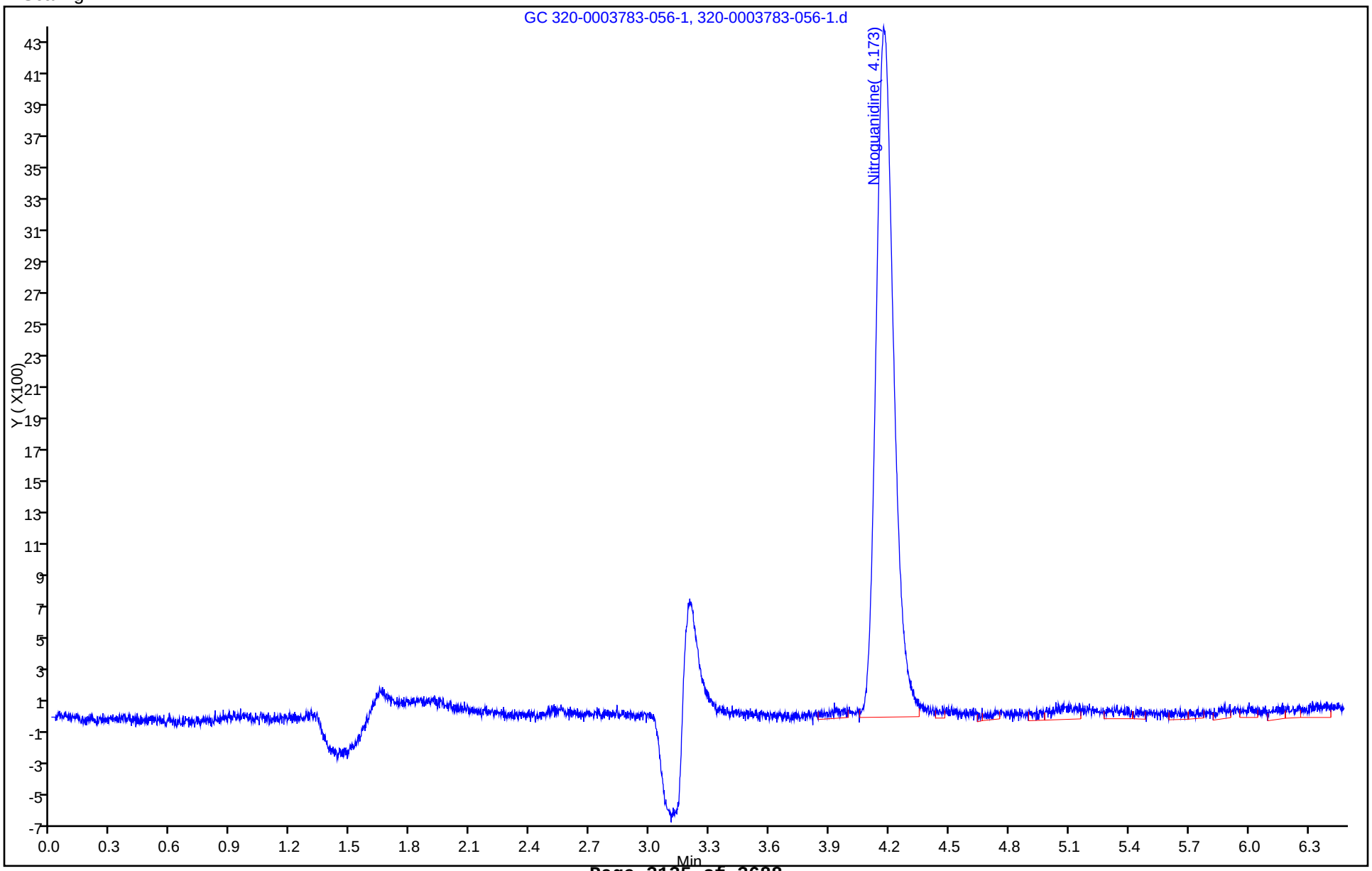
Report Date: 10-Apr-2013 11:13:31 Chrom Revision: 2.1 07-Apr-2013 20:36:54

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.: 240-22804-1

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.: 240-22804-1

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	

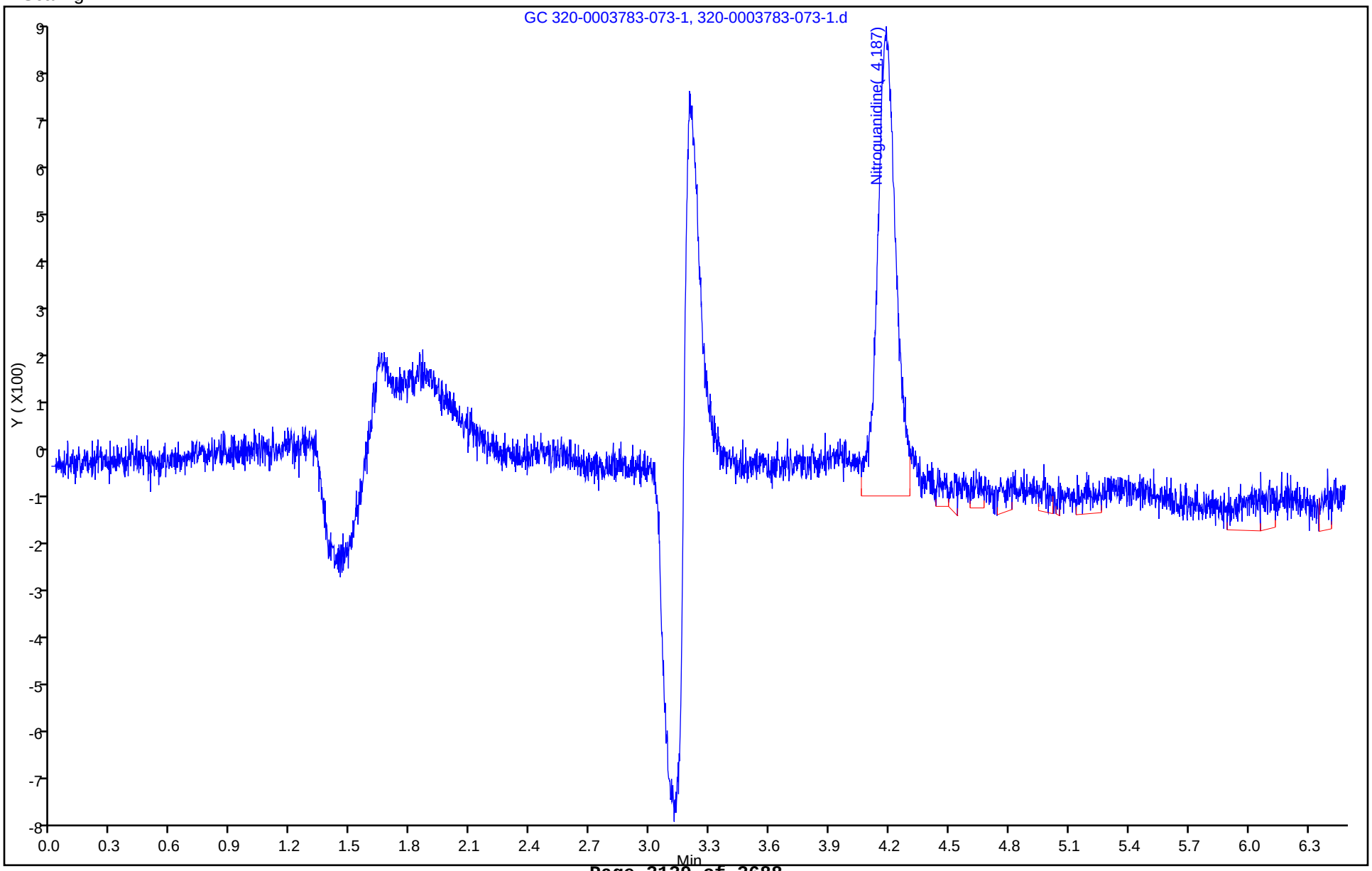
Report Date: 10-Apr-2013 15:54:55 Chrom Revision: 2.1 07-Apr-2013 20:36:54

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.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 320-14120/3 Calibration Date: 04/11/2013 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: 320-0003838-003-1.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	-3.4	15.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 320-14120/3 Calibration Date: 04/11/2013 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: 320-0003838-003-1.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\20130411-3838.b\320-0003838-003-1.d		
Lims ID:	CCV 05	Client ID:	
Inject. Date:	11-Apr-2013 15:43:00	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	320-0003838-003 Analysis		
Misc. Info.:	none ccv 05		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14120	Lims Sample ID:	3
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0003838-003-1		
Method:	\\SACChrom\ChromData\PDA1\20130411-3838.b\NGu Primary.m		
Last Update:	11-Apr-2013 16:00:17	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:	XAWRK005		

First Level Reviewer: russellk Date: 11-Apr-2013 16:00:17

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.202	4.202	0.0	7915	193.3	

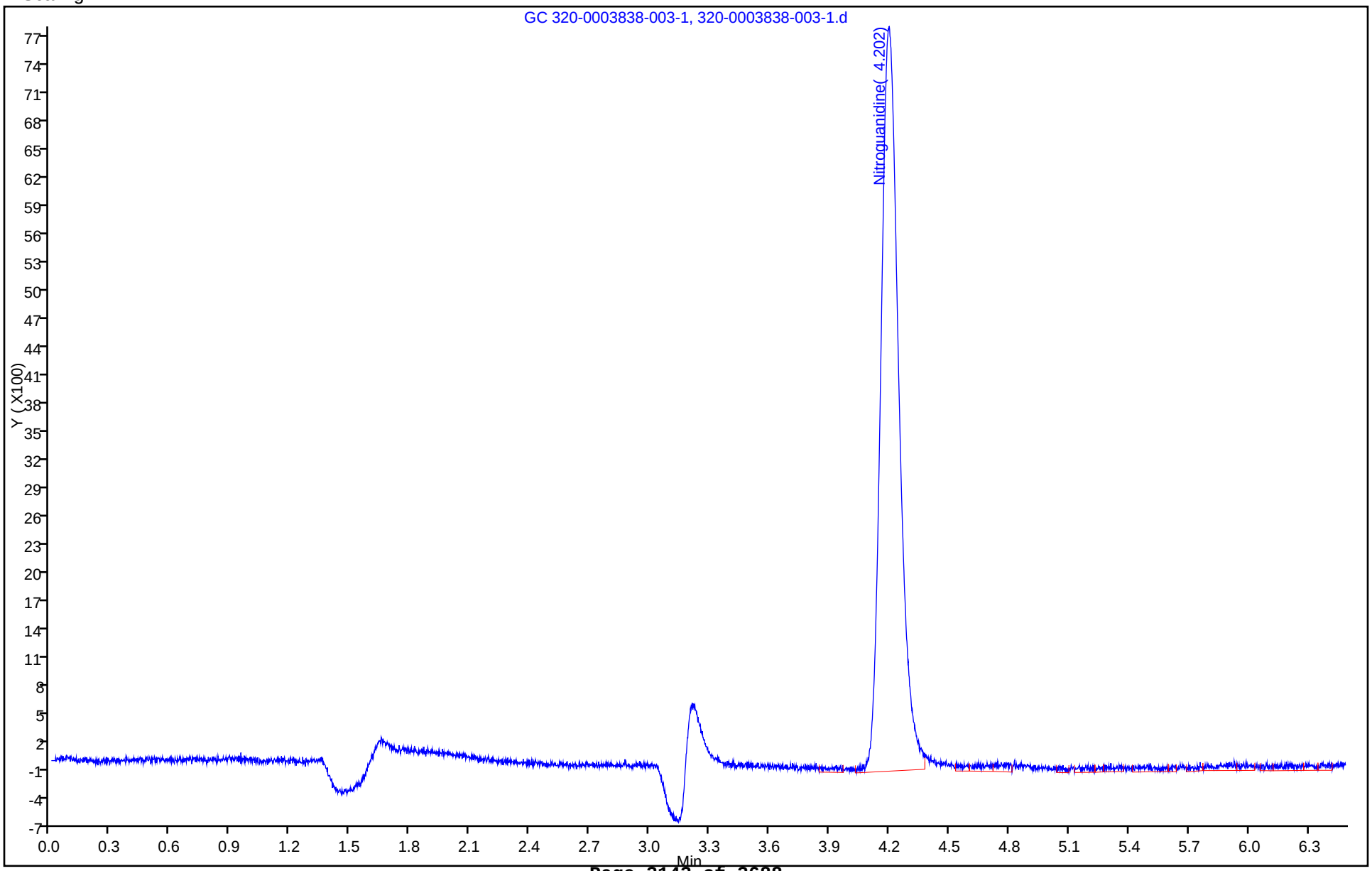
Report Date: 11-Apr-2013 16:00:18 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130411-3838.b\320-0003838-003-1.d

Injection Date:	11-Apr-2013 15:43:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	14120	Lims Sample ID:	3
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.: 240-22804-1

SDG No.:

Lab Sample ID: CCVL 320-14120/4 Calibration Date: 04/11/2013 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: 320-0003838-004-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	40.95	46.30		22.6	20.0	13.1	30.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCVL 320-14120/4 Calibration Date: 04/11/2013 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: 320-0003838-004-1.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\20130411-3838.b\320-0003838-004-1.d		
Lims ID:	CCVL	Client ID:	
Inject. Date:	11-Apr-2013 16:01:00	Dil. Factor:	1.0000
Sample Type:	CCVL		
Sample ID:	320-0003838-004 Analysis		
Misc. Info.:	none ccvl		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14120	Lims Sample ID:	4
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0003838-004-1		
Method:	\\SACChrom\ChromData\PDA1\20130411-3838.b\NGu Primary.m		
Last Update:	12-Apr-2013 09:15:59	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:	XAWRK034		

First Level Reviewer: russellk Date: 12-Apr-2013 09:15:59

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.187	4.187	0.0	926	22.6	

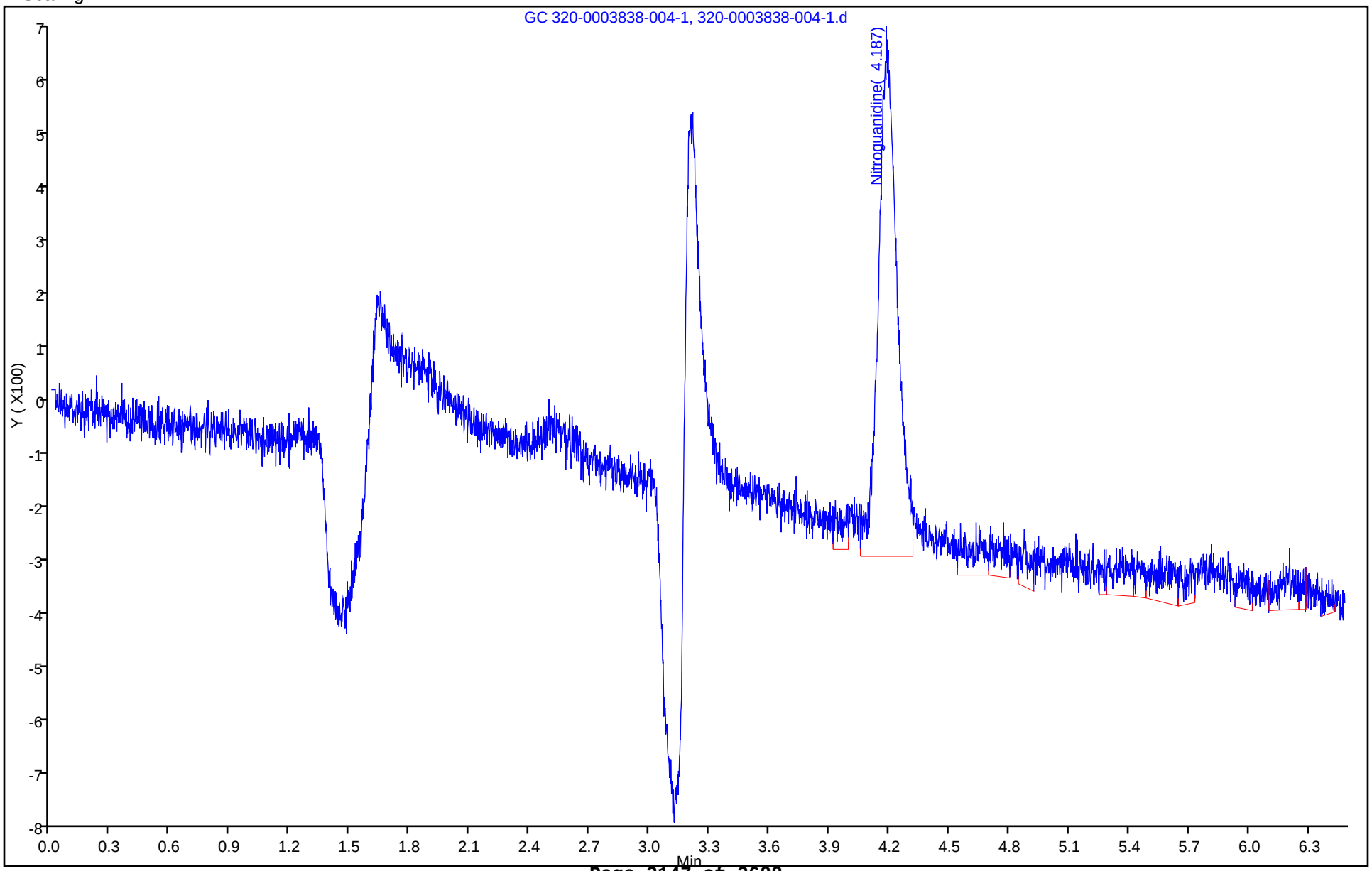
Report Date: 12-Apr-2013 09:15:59 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130411-3838.b\320-0003838-004-1.d

Injection Date:	11-Apr-2013 16:01:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	14120	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.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 320-14120/15 Calibration Date: 04/11/2013 19:16

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: 320-0003838-015-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	40.95	42.68		104	100	4.2	15.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 320-14120/15 Calibration Date: 04/11/2013 19:16

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: 320-0003838-015-1.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\20130411-3838.b\320-0003838-015-1.d		
Lims ID:	CCV 04	Client ID:	
Inject. Date:	11-Apr-2013 19:16:00	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	320-0003838-015 Analysis		
Misc. Info.:	none ccv 04		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14120	Lims Sample ID:	15
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0003838-015-1		
Method:	\\SACChrom\ChromData\PDA1\20130411-3838.b\NGu Primary.m		
Last Update:	12-Apr-2013 09:32:07	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:	XAWRK034		

First Level Reviewer: russellk Date: 12-Apr-2013 09:32:07

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.182	4.182	0.0	4268	104.2	

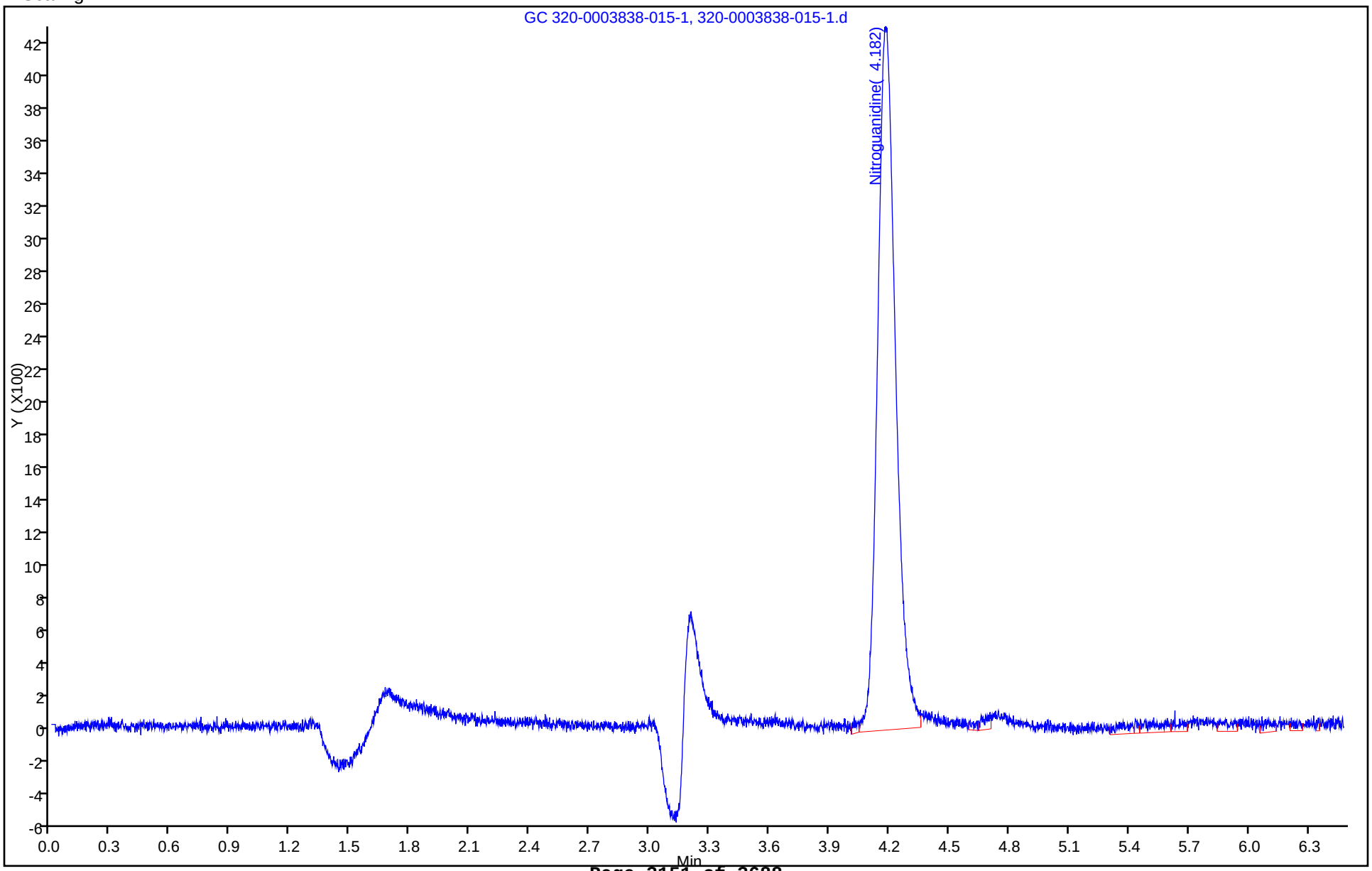
Report Date: 12-Apr-2013 09:32:07 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130411-3838.b\320-0003838-015-1.d

Injection Date:	11-Apr-2013 19:16:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	14120	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.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 320-14120/17 Calibration Date: 04/11/2013 19:51

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: 320-0003838-017-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	40.95	43.30		106	100	5.7	15.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCV 320-14120/17 Calibration Date: 04/11/2013 19:51

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: 320-0003838-017-1.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\20130411-3838.b\320-0003838-017-1.d		
Lims ID:	CCV 04	Client ID:	
Inject. Date:	11-Apr-2013 19:51:00	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	320-0003838-017 Analysis		
Misc. Info.:	none ccv 04		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14120	Lims Sample ID:	17
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0003838-017-1		
Method:	\\SACChrom\ChromData\PDA1\20130411-3838.b\NGu Primary.m		
Last Update:	12-Apr-2013 09:32:30	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:	XAWRK034		

First Level Reviewer: russellk Date: 12-Apr-2013 09:32:30

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.195	4.195	0.0	4330	105.7	

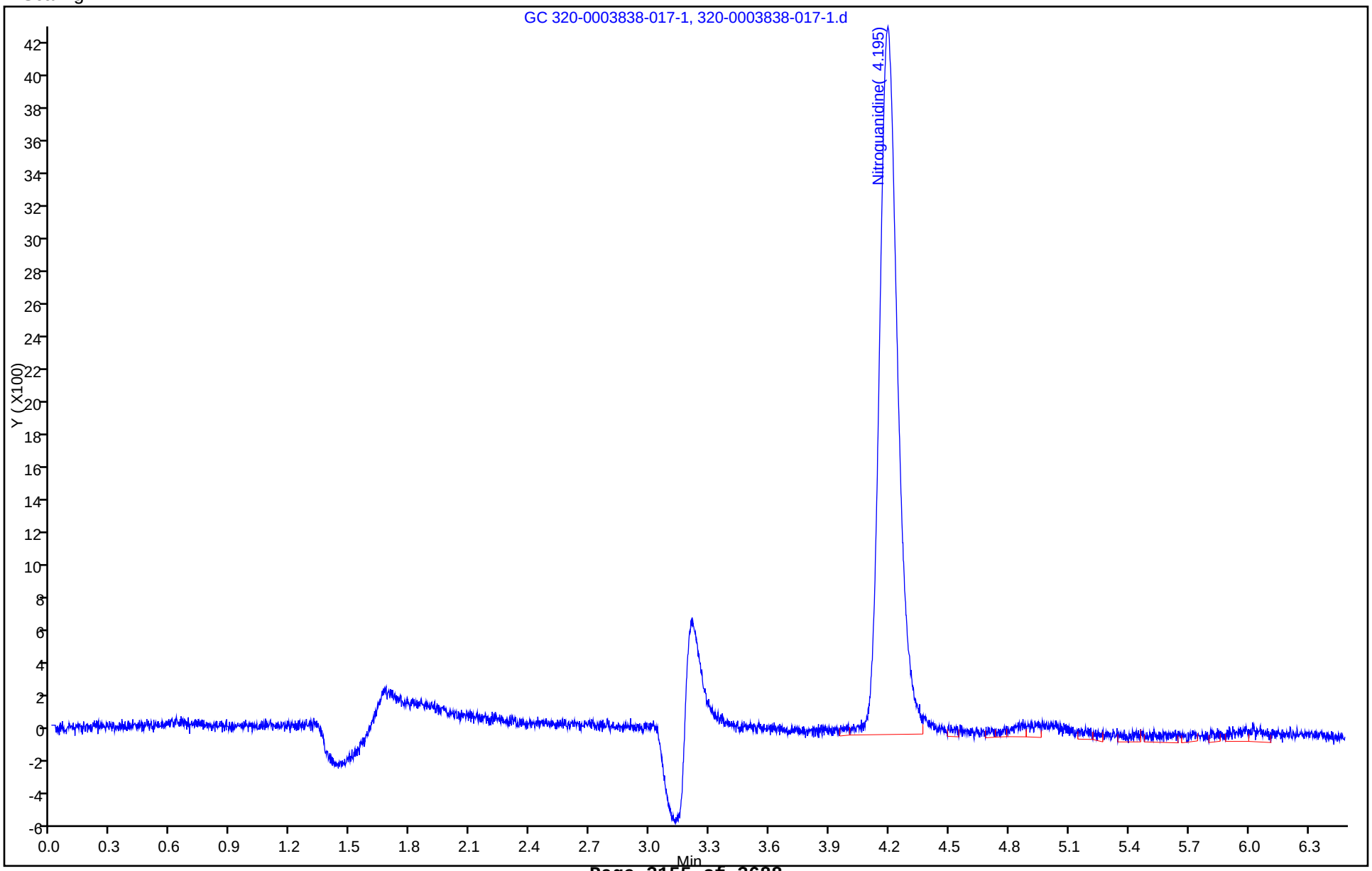
Report Date: 12-Apr-2013 09:32:30 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130411-3838.b\320-0003838-017-1.d

Injection Date:	11-Apr-2013 19:51:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	14120	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 VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCVL 320-14120/18 Calibration Date: 04/11/2013 20:09

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: 320-0003838-018-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	40.95	43.40		21.2	20.0	6.0	30.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22804-1

SDG No.:

Lab Sample ID: CCVL 320-14120/18 Calibration Date: 04/11/2013 20:09

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: 320-0003838-018-1.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\20130411-3838.b\320-0003838-018-1.d		
Lims ID:	CCVL	Client ID:	
Inject. Date:	11-Apr-2013 20:09:00	Dil. Factor:	1.0000
Sample Type:	CCVL		
Sample ID:	320-0003838-018 Analysis		
Misc. Info.:	none ccvl		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14120	Lims Sample ID:	18
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0003838-018-1		
Method:	\\SACChrom\ChromData\PDA1\20130411-3838.b\NGu Primary.m		
Last Update:	12-Apr-2013 09:32:45	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:	XAWRK034		
First Level Reviewer: russellk		Date:	12-Apr-2013 09:32:45

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.180	4.180	0.0	868	21.2	

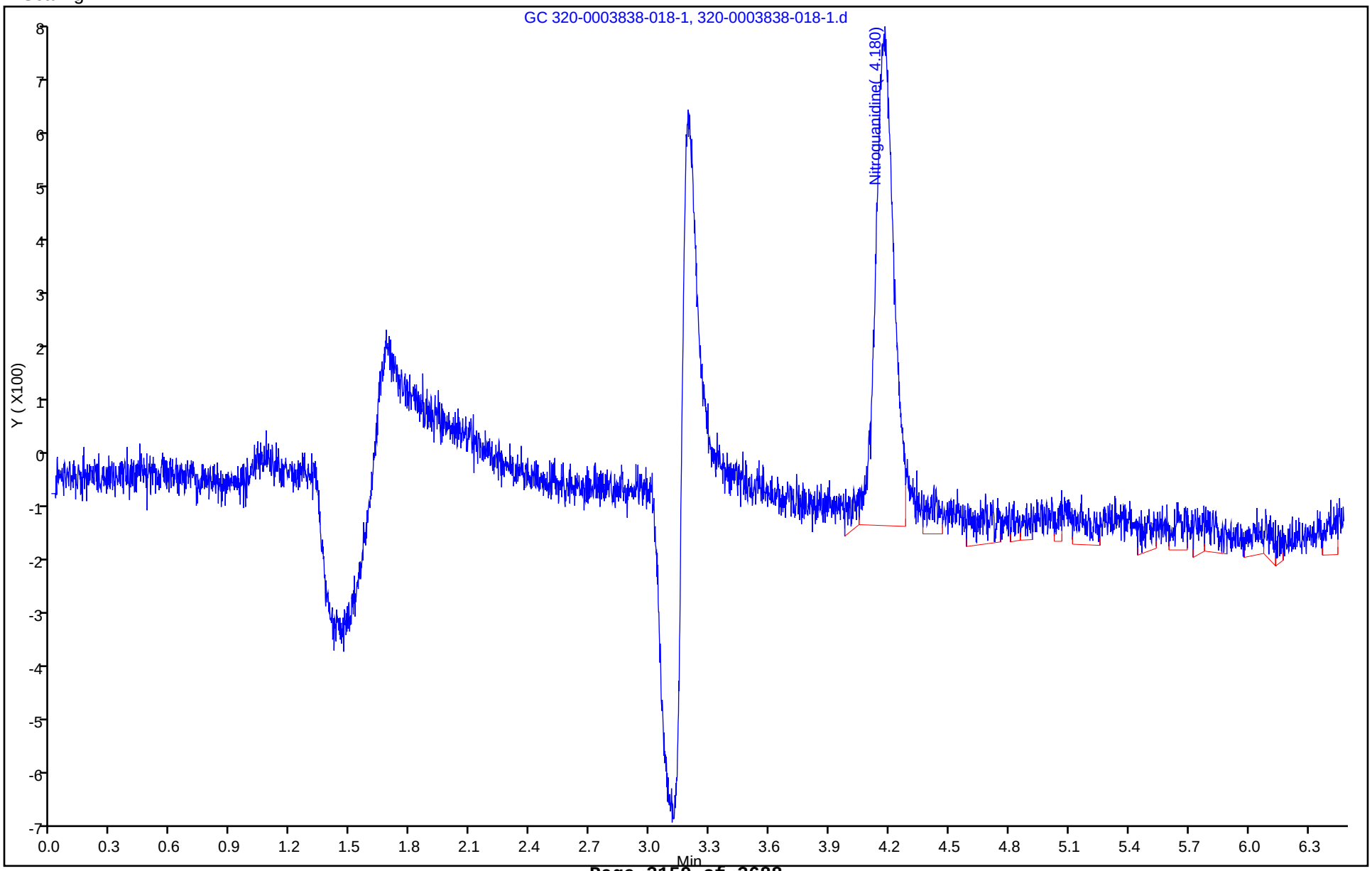
Report Date: 12-Apr-2013 09:32:45 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130411-3838.b\320-0003838-018-1.d

Injection Date:	11-Apr-2013 20:09:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	14120	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:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22804-1

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

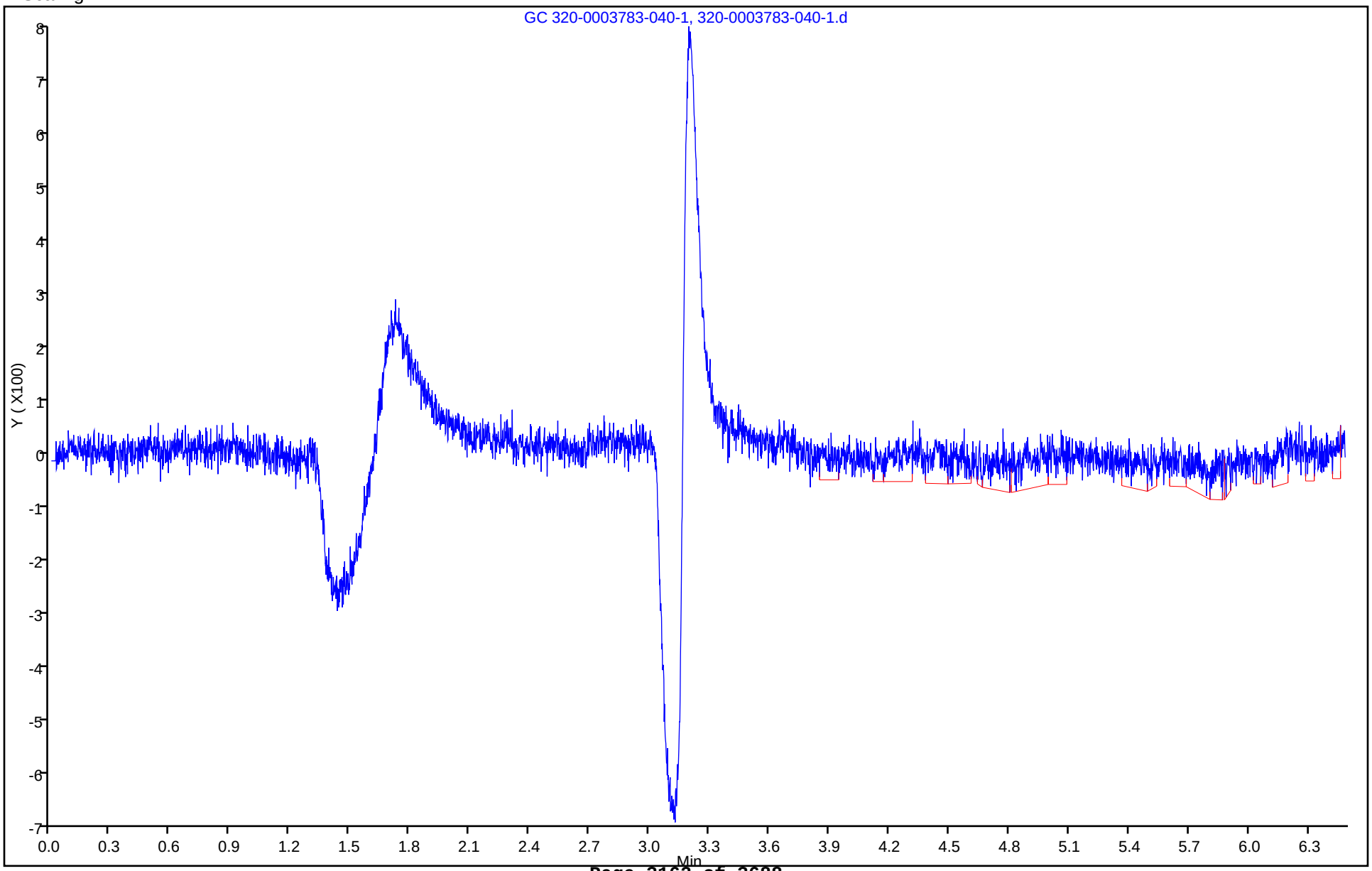
Report Date: 10-Apr-2013 11:09:58 Chrom Revision: 2.1 07-Apr-2013 20:36:54

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.: 240-22804-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 320-13885/1-A

Matrix: Solid Lab File ID: 320-0003838-005-1.d

Analysis Method: 8330 Modified Date Collected:

Extraction Method: Sieve/Ultrasoni Date Extracted: 04/09/2013 10:24

Sample wt/vol: 2.00(g) Date Analyzed: 04/11/2013 16:18

Con. Extract Vol.: 10.00(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.: 14120 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\20130411-3838.b\320-0003838-005-1.d		
Lims ID:	MB 320-13885/1-A	Client ID:	
Inject. Date:	11-Apr-2013 16:18:00	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	320-0003838-005 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14120	Lims Sample ID:	5
Detector:	GC 320-0003838-005-1		
Method:	\\SACChrom\ChromData\PDA1\20130411-3838.b\NGu Primary.m		
Last Update:	12-Apr-2013 09:15:59	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:	XAWRK034		

First Level Reviewer: russellk Date: 12-Apr-2013 09:16:06

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags

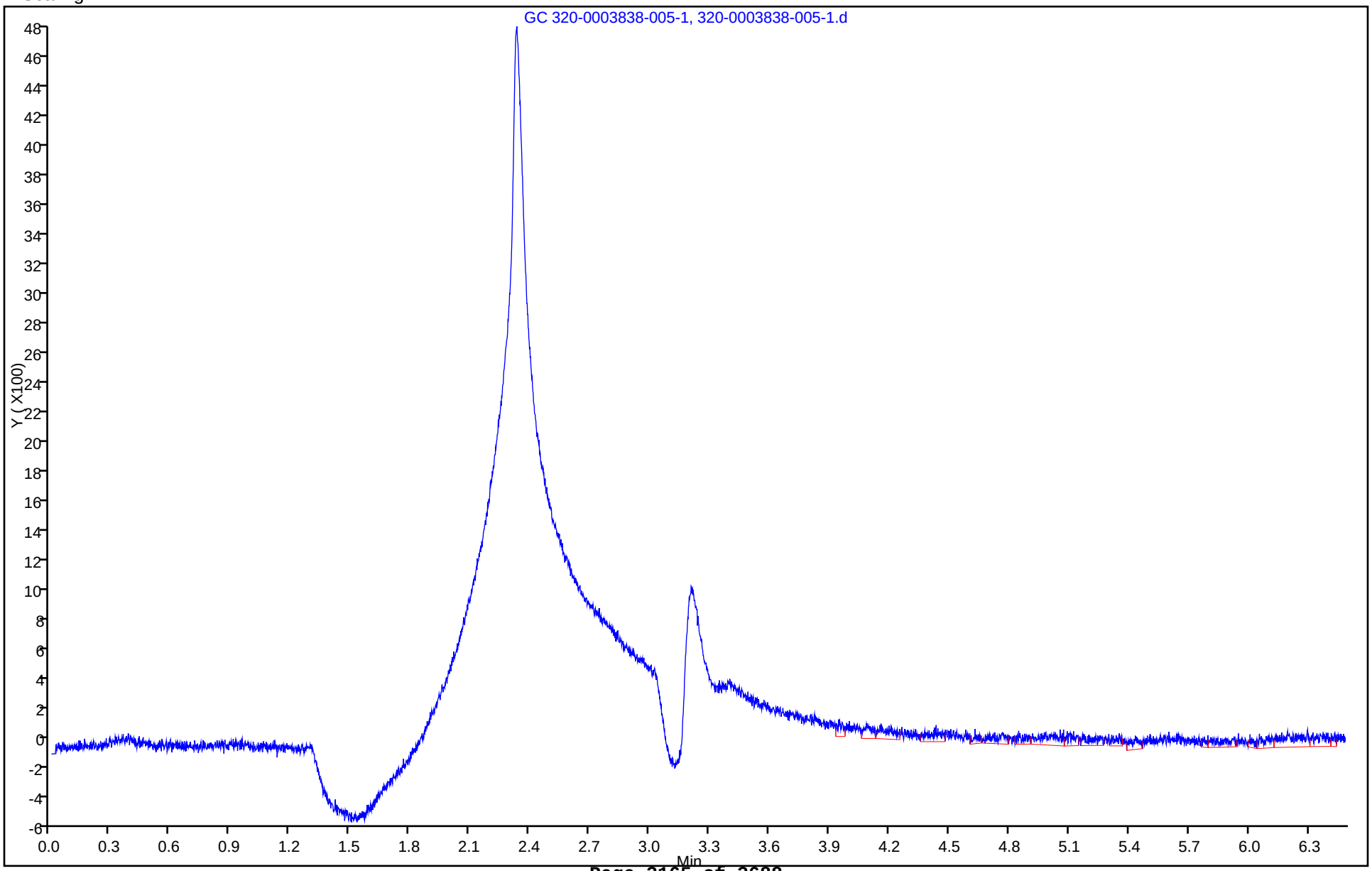
Report Date: 12-Apr-2013 09:16:06 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130411-3838.b\320-0003838-005-1.d

Injection Date:	11-Apr-2013 16:18:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	14120	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:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22804-1

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	

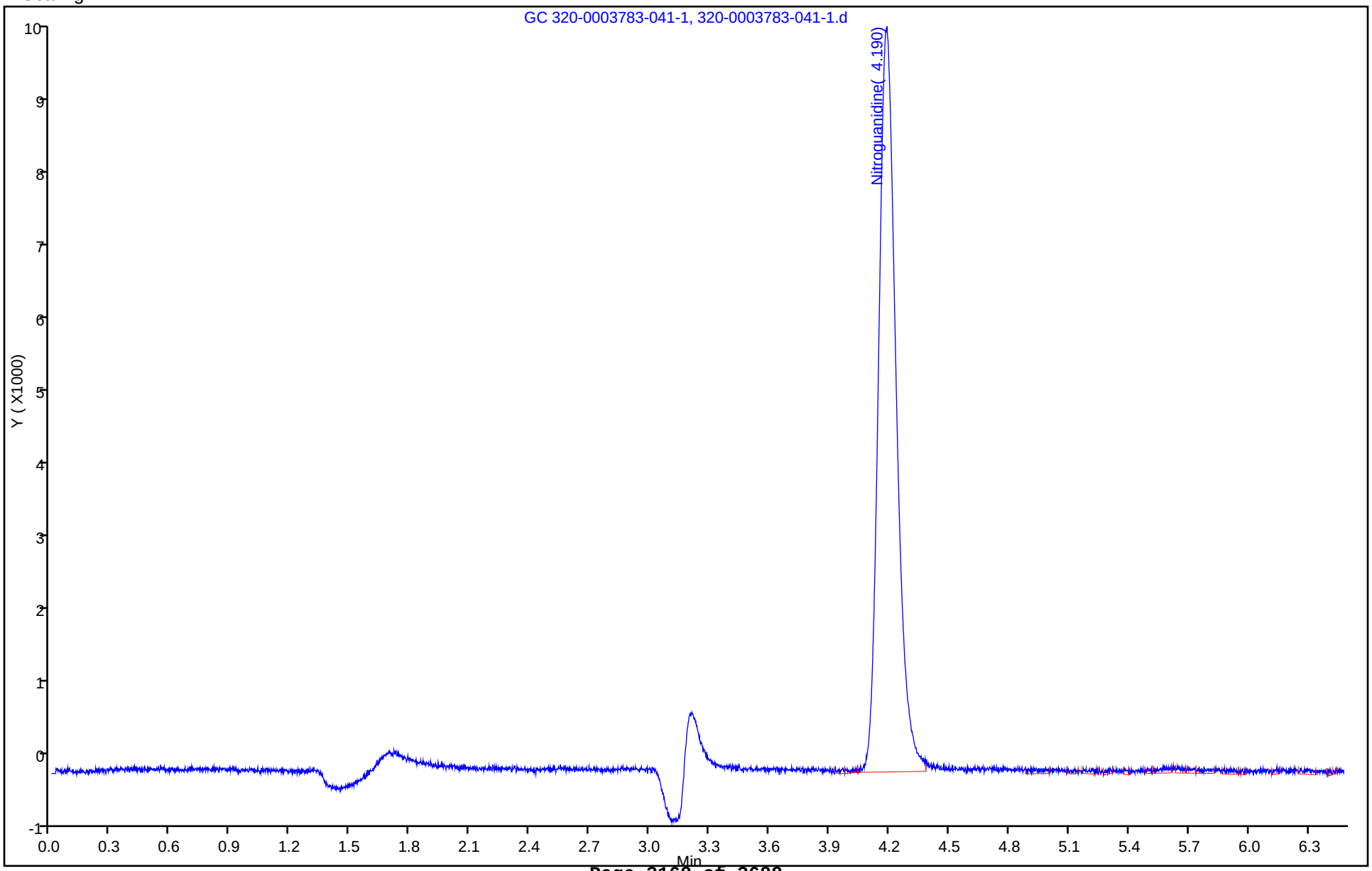
Report Date: 10-Apr-2013 11:10:16 Chrom Revision: 2.1 07-Apr-2013 20:36:54

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.: 240-22804-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 320-13885/2-A

Matrix: Solid Lab File ID: 320-0003838-006-1.d

Analysis Method: 8330 Modified Date Collected:

Extraction Method: Sieve/Ultrasoni Date Extracted: 04/09/2013 10:24

Sample wt/vol: 2.00(g) Date Analyzed: 04/11/2013 16:36

Con. Extract Vol.: 10.00(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.: 14120 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.901		0.25	0.040	0.020

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130411-3838.b\320-0003838-006-1.d		
Lims ID:	LCS 320-13885/2-A	Client ID:	
Inject. Date:	11-Apr-2013 16:36:00	Dil. Factor:	1.0000
Sample Type:	LCS		
Sample ID:	320-0003838-006 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14120	Lims Sample ID:	6
Detector:	GC 320-0003838-006-1		
Method:	\\SACChrom\ChromData\PDA1\20130411-3838.b\NGu Primary.m		
Last Update:	12-Apr-2013 09:16:24	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:	XAWRK034		

First Level Reviewer: russellk Date: 12-Apr-2013 09:16:24

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.200	4.187	0.013	7380	180.2	

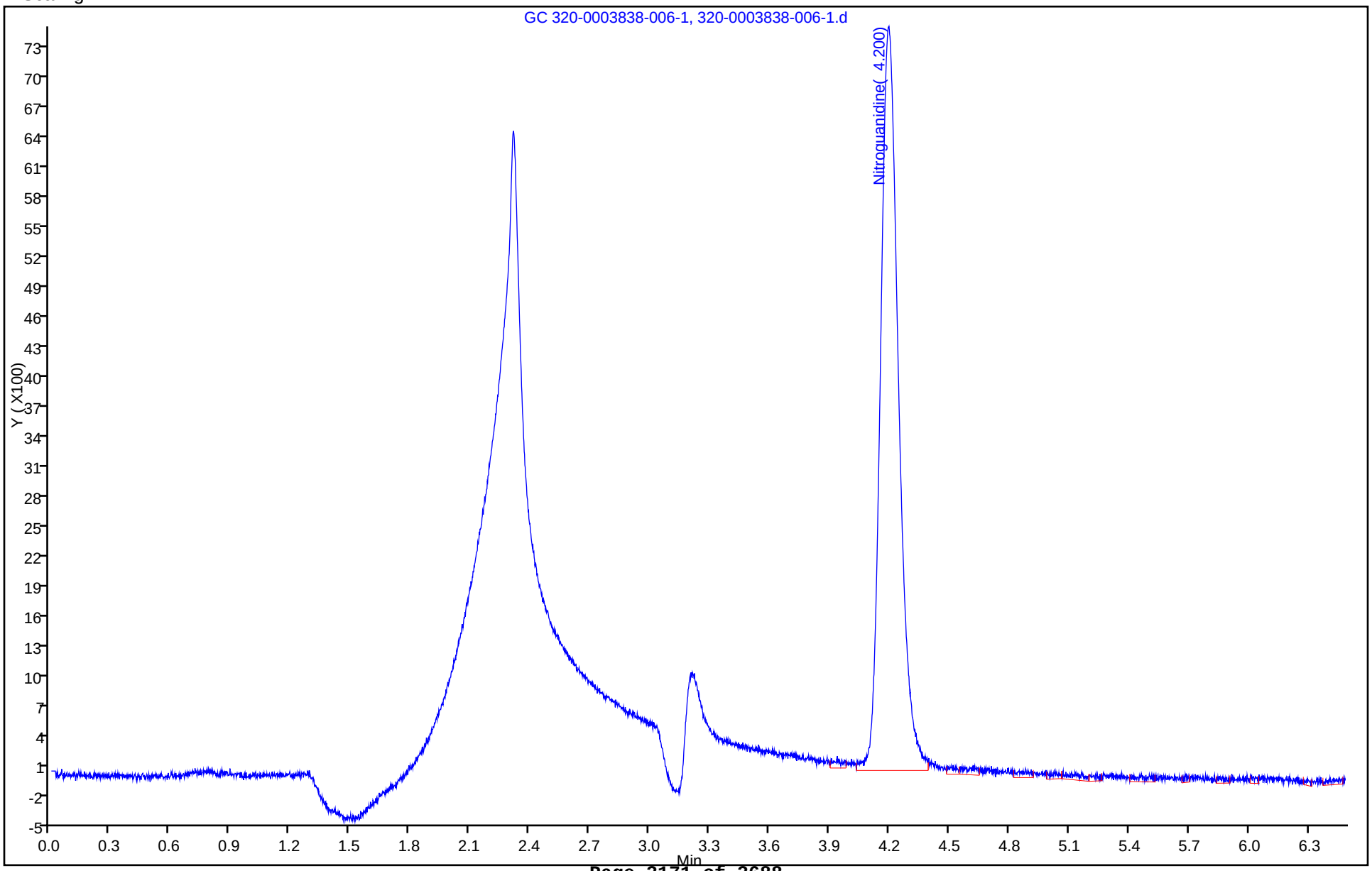
Report Date: 12-Apr-2013 09:16:25 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130411-3838.b\320-0003838-006-1.d

Injection Date:	11-Apr-2013 16:36:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	14120	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:



HPLC/IC ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 240-22804-1

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.: 240-22804-1

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)
ZZZZZ		04/10/2013 04:26	1		Luna NH2 4.6(mm)
ZZZZZ		04/10/2013 04:44	1		Luna NH2 4.6(mm)

8330 Modified

HPLC/IC ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 240-22804-1

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 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)
240-22804-11	079RN-0317-0001-RN	04/10/2013 05:55	1	320-0003783-047 -1.d	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.: 240-22804-1

SDG No.:

Instrument ID: PDA1 Start Date: 04/11/2013 15:43

Analysis Batch Number: 14120 End Date: 04/11/2013 20:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 320-14120/3 CCVRT		04/11/2013 15:43	1	320-0003838-003 -1.d	Luna NH2 4.6(mm)
CCVL 320-14120/4		04/11/2013 16:01	1	320-0003838-004 -1.d	Luna NH2 4.6(mm)
MB 320-13885/1-A		04/11/2013 16:18	1	320-0003838-005 -1.d	Luna NH2 4.6(mm)
LCS 320-13885/2-A		04/11/2013 16:36	1	320-0003838-006 -1.d	Luna NH2 4.6(mm)
ZZZZZ		04/11/2013 16:54	1		Luna NH2 4.6(mm)
ZZZZZ		04/11/2013 17:12	1		Luna NH2 4.6(mm)
ZZZZZ		04/11/2013 17:29	1		Luna NH2 4.6(mm)
ZZZZZ		04/11/2013 17:47	1		Luna NH2 4.6(mm)
ZZZZZ		04/11/2013 18:05	1		Luna NH2 4.6(mm)
ZZZZZ		04/11/2013 18:23	1		Luna NH2 4.6(mm)
ZZZZZ		04/11/2013 18:40	1		Luna NH2 4.6(mm)
ZZZZZ		04/11/2013 18:58	1		Luna NH2 4.6(mm)
CCV 320-14120/15 CCVRT		04/11/2013 19:16	1	320-0003838-015 -1.d	Luna NH2 4.6(mm)
240-22804-4	074SB-0010-0001-SO	04/11/2013 19:34	1	320-0003838-016 -1.d	Luna NH2 4.6(mm)
CCV 320-14120/17 CCVRT		04/11/2013 19:51	1	320-0003838-017 -1.d	Luna NH2 4.6(mm)
CCVL 320-14120/18		04/11/2013 20:09	1	320-0003838-018 -1.d	Luna NH2 4.6(mm)

8330 Modified

HPLC/IC BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22804-1

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			
240-22804-A-11	079RN-0317-0001-RN	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.: 240-22804-1

SDG No.:

Batch Number: 13885 Batch Start Date: 04/09/13 10:24 Batch Analyst: Arauz, Horacio

Batch Method: Sieve/Ultrasoni Batch End Date: 04/10/13 11:20

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	HPNQSP 00006			
MB 320-13885/1		Sieve/Ultrasoni, 8330 Modified		2.00 g	10.00 mL				
LCS 320-13885/2		Sieve/Ultrasoni, 8330 Modified		2.00 g	10.00 mL	40 uL			
240-22804-F-4	074SB-0010-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	2.08 g	10.00 mL				

Batch Notes	
Balance ID	QA-070
Calcium Chloride Reagent ID	4515-027C
Date of Clean up	4/10/13
Analyst performed Clean Up	GB
Filter Lot #	R2SA72748
Filter Type	.45um Millipore
Person's name who witnessed reagent drop	TP
Blank Sand Lot #	Fisher 120571
Sonication End Date	4-10-13
Sonication Start Date	4-09-13
Sonication Start Time	10:50
Sonication Stop Time	4:50
SOP Number	WS-LC-0010
Maximum Temperature	21 Degrees C
Minimum Temperature	11 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.: 240-22804-1

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 #
074SB-0010-0001-SO	240-22804-4	94	
074SB-0010-0001-SO	240-22804-4		99
	MB 320-13877/1-A	95	
	MB 320-13877/1-A		122 M Q
	LCS 320-13877/2-A	97	

	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.: 240-22804-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Synergi C18 ID: 4.6 (mm)

Client Sample ID	Lab Sample ID	DNT1 #
079RN-0317-0001-RN	240-22804-11	92
	MB 320-13819/1-A	91
	LCS 320-13819/2-A	89

	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.: 240-22804-1

SDG No.:

Matrix: Water Level: Low Lab File ID: ZC000004.D

Lab ID: LCS 320-13819/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,3-Dinitrobenzene	1.00	1.04	104	72-123	
2,4-Dinitrotoluene	1.00	0.966	97	70-119	
2,6-Dinitrotoluene	1.00	0.970	97	71-119	
2-Amino-4,6-dinitrotoluene	1.00	0.955	96	77-123	
2-Nitrotoluene	1.00	0.907	91	64-120	
4-Amino-2,6-dinitrotoluene	1.00	0.962	96	68-113	
3-Nitrotoluene	1.00	0.909	91	67-114	
HMX	1.00	0.998	100	67-115	
4-Nitrotoluene	1.00	0.918	92	67-115	
Nitrobenzene	1.00	1.00	100	69-119	
RDX	1.00	1.03	103	68-122	
Nitroglycerin	5.00	4.61	92	85-115	
Tetryl	1.00	0.834	83	66-105	
1,3,5-Trinitrobenzene	1.00	1.02	102	74-120	
PETN	5.00	4.57	91	84-117	
2,4,6-Trinitrotoluene	1.00	0.885	89	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.: 240-22804-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P-000077.D

Lab ID: LCS 320-13877/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,3-Dinitrobenzene	0.500	0.462	92	81-121	
2,4-Dinitrotoluene	0.500	0.467	93	79-119	
2,6-Dinitrotoluene	0.500	0.458	92	79-119	
2-Amino-4,6-dinitrotoluene	0.500	0.457	91	79-119	
2-Nitrotoluene	0.500	0.501	100	78-118	
4-Amino-2,6-dinitrotoluene	0.500	0.461	92	81-121	
3-Nitrotoluene	0.500	0.502	100	77-117	
HMX	0.500	0.476	95	80-120	
4-Nitrotoluene	0.500	0.497	99	78-118	
Nitrobenzene	0.500	0.467	93	80-120	
RDX	0.500	0.466	93	82-122	
Nitroglycerin	1.00	0.934	93	76-116	
Tetryl	0.500	0.385	77	63-120	
1,3,5-Trinitrobenzene	0.500	0.460	92	81-121	
PETN	1.00	1.01	101	76-116	
2,4,6-Trinitrotoluene	0.500	0.411	82	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.: 240-22804-1

SDG No.:

Lab Sample ID: MB 320-13819/1-A

Matrix: Water Date Extracted: 04/08/2013 11:28

Lab File ID:(1) ZC000003.D Lab File ID:(2)

Date Analyzed:(1) 04/29/2013 16:21 Date Analyzed:(2)

Instrument ID:(1) LC10 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 320-13819/2-A	04/29/2013 17:05	
079RN-0317-0001-RN	240-22804-11	04/29/2013 17:48	

FORM IV
HPLC/IC METHOD BLANK SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22804-1

SDG No.:

Lab Sample ID: MB 320-13877/1-A

Matrix: Solid Date Extracted: 04/09/2013 09:33

Lab File ID:(1) P-000075.D Lab File ID:(2) X000061.D

Date Analyzed:(1) 04/19/2013 09:49 Date Analyzed:(2) 04/26/2013 10:34

Instrument ID:(1) LC11 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 320-13877/2-A	04/19/2013 11:43	
074SB-0010-0001-SO	240-22804-4	04/19/2013 20:18	04/26/2013 18:17

FORM VIII
HPLC/IC ANALYTICAL SEQUENCE

Lab Name: TestAmerica Sacramento Job No.: 240-22804-1

SDG No.:

Sample No.: CCV 320-15252/2 Date Analyzed: 04/29/2013 15:37

Instrument ID: LC10 GC Column: Synergi C18 ID: 4.6(mm)

Lab File ID (Standard): ZC000002.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 #		
CONTINUING CALIBRATION SURROGATE				16.51		
UPPER LIMIT				16.76		
LOWER LIMIT				16.26		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 320-15252/2 CCVRT		04/29/2013 15:37	ZC000002.D	16.51		
MB 320-13819/1-A		04/29/2013 16:21	ZC000003.D	16.54		
LCS 320-13819/2-A		04/29/2013 17:05	ZC000004.D	16.55		
240-22804-11	079RN-0317-0001-RN	04/29/2013 17:48	ZC000005.D	16.54		
CCVL 320-15252/13		04/29/2013 23:38	ZC000013.D	16.54		

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.: 240-22804-1

SDG No.:

Sample No.: CCV 320-14412/64 Date Analyzed: 04/19/2013 01:15

Instrument ID: LC11 GC Column: Synergi C18 ID: 4.6(mm)

Lab File ID (Standard): P-000066.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				32.35		
UPPER LIMIT				32.60		
LOWER LIMIT				32.10		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 320-14412/64 CCVRT		04/19/2013 01:15	P-000066.D	32.35		
CCVL 320-14412/66		04/19/2013 02:12	P-000067.D	32.34		
MB 320-13877/1-A		04/19/2013 09:49	P-000075.D	32.34		

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.: 240-22804-1

SDG No.:

Sample No.: CCV 320-14412/75 Date Analyzed: 04/19/2013 10:46

Instrument ID: LC11 GC Column: Synergi C18 ID: 4.6(mm)

Lab File ID (Standard): P-000076.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 320-14412/75 CCVRT		04/19/2013 10:46	P-000076.D	32.32		
LCS 320-13877/2-A		04/19/2013 11:43	P-000077.D	32.32		
240-22804-4	074SB-0010-0001-SO	04/19/2013 20:18	P-000086.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.: 240-22804-1

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		
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.: 240-22804-1

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 320-13877/1-A		04/26/2013 10:34	X000061.D	38.59		
240-22804-4	074SB-0010-0001-SO	04/26/2013 18:17	X000068.D	38.87		

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.: 240-22804-1

SDG No.:

Sample No.: CCV 320-14998/33 Date Analyzed: 04/26/2013 08:21

Instrument ID: LC12 GC Column: Zorbax CN ID: 4.6(mm)

Lab File ID (Standard): X000059.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				38.73		
UPPER LIMIT				38.98		
LOWER LIMIT				38.48		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 320-14998/33 CCVRT		04/26/2013 08:21	X000059.D	38.73		
MB 320-13877/1-A		04/26/2013 10:34	X000061.D	38.59		
240-22804-4	074SB-0010-0001-SO	04/26/2013 18:17	X000068.D	38.87		

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.: 240-22804-1

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 320-13877/1-A		04/26/2013 10:34	X000061.D	38.59 *		
240-22804-4	074SB-0010-0001-SO	04/26/2013 18:17	X000068.D	38.87		
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.: 240-22804-1

SDG No.:

Client Sample ID: 074SB-0010-0001-SO Lab Sample ID: 240-22804-4

Matrix: Solid Lab File ID: P-000086.D

Analysis Method: 8330B Date Collected: 04/03/2013 11:40

Extraction Method: 8330B Date Extracted: 04/09/2013 09:33

Sample wt/vol: 10.07(g) Date Analyzed: 04/19/2013 20:18

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.: 14412 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
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
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\LC11\20130416-3912.b\P-000086.D		
Lims ID:	240-22804-F-4-A	Client ID:	074SB-0010-0001-SO
Inject. Date:	19-Apr-2013 20:18:23	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0003912-085		
Misc. Info.:			
Operator:	KR/RN	Instrument ID:	LC11
Injection Vol:	500.0 ul	ALS Bottle#:	83
Lims Batch ID:	14412	Lims Sample ID:	85
Method:	\\SACChrom\ChromData\LC11\20130416-3912.b\8330 Metab LC11.m		
Last Update:	22-Apr-2013 15:42:21	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 15:42:21

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
27 1,3,5-Trinitrobenzene						
1	25.214	25.268	-0.054	322	1.49	
7 Nitroglycerin						
2	30.357	30.251	0.106	313	3.48	
$ 30 3,4-Dinitrotoluene						
1	32.331	32.321	0.010	4119	59.0	
2	32.331	32.321	0.010	8273	64.1	

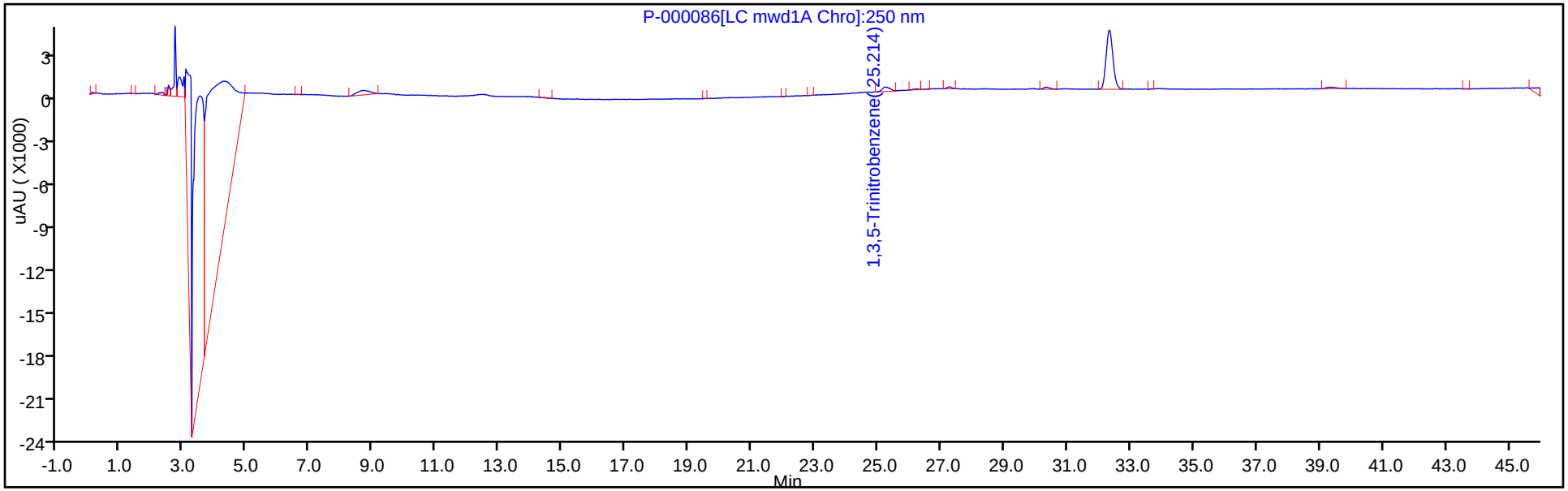
Report Date: 22-Apr-2013 15:42:21 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

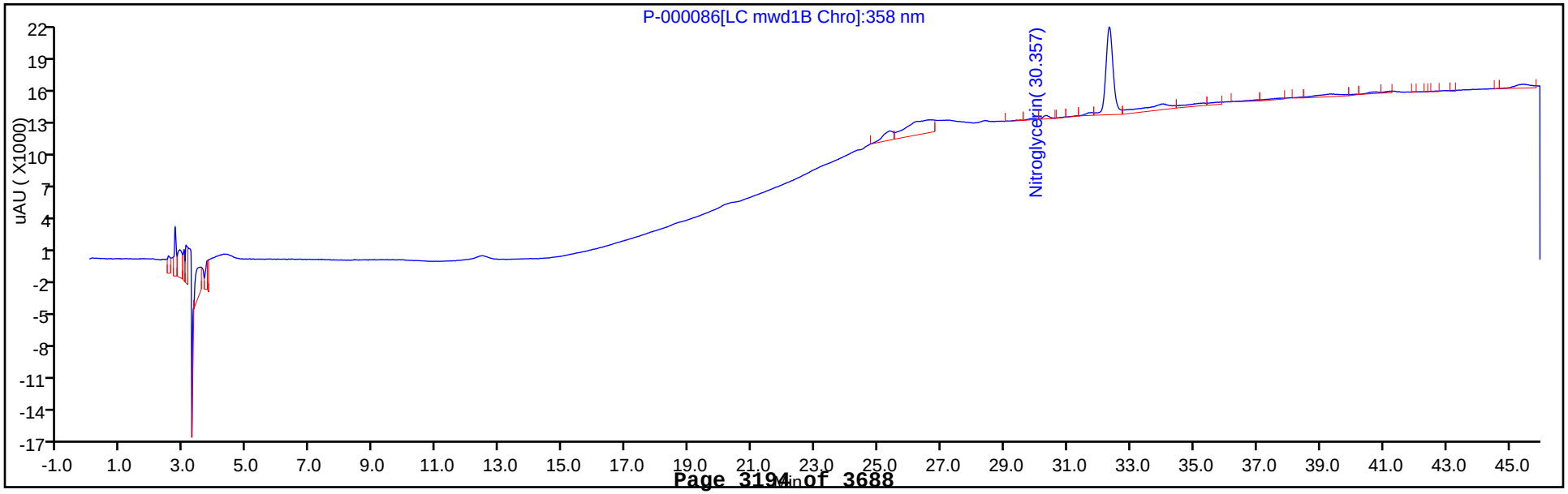
Data File: \\SACChrom\ChromData\LC11\20130416-3912.b\P-000086.D

Injection Date:	19-Apr-2013 20:18:23	Limit Group:	LC 8330B ICAL
Client ID:	074SB-0010-0001-SO	Instrument ID:	LC11
Lims Batch ID:	14412	Lims Sample ID:	85
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.: 240-22804-1

SDG No.:

Client Sample ID: 074SB-0010-0001-SO Lab Sample ID: 240-22804-4

Matrix: Solid Lab File ID: X000068.D

Analysis Method: 8330B Date Collected: 04/03/2013 11:40

Extraction Method: 8330B Date Extracted: 04/09/2013 09:33

Sample wt/vol: 10.07(g) Date Analyzed: 04/26/2013 18:17

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
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.0099

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	99		78-118

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20130424-4083.b\X000068.D		
Lims ID:	240-22804-F-4-A	Client ID:	074SB-0010-0001-SO
Inject. Date:	26-Apr-2013 18:17:12	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0004083-044		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	65
Lims Batch ID:	14998	Lims Sample ID:	44
Method:	\\SACChrom\ChromData\LC12\20130424-4083.b\LC12_Conf_8330.m		
Last Update:	29-Apr-2013 08:07:37	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 08:07:37

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
16 o-Nitrotoluene						
1	29.722	29.588	0.134	104	1.64	
15 p-Nitrotoluene						
1	29.722	29.588	0.134	104	1.64	
$ 30 3,4-Dinitrotoluene						
1	38.869	38.728	0.141	3319	62.1	
20 Tetryl						
1	46.612	46.598	0.014	202	1.70	

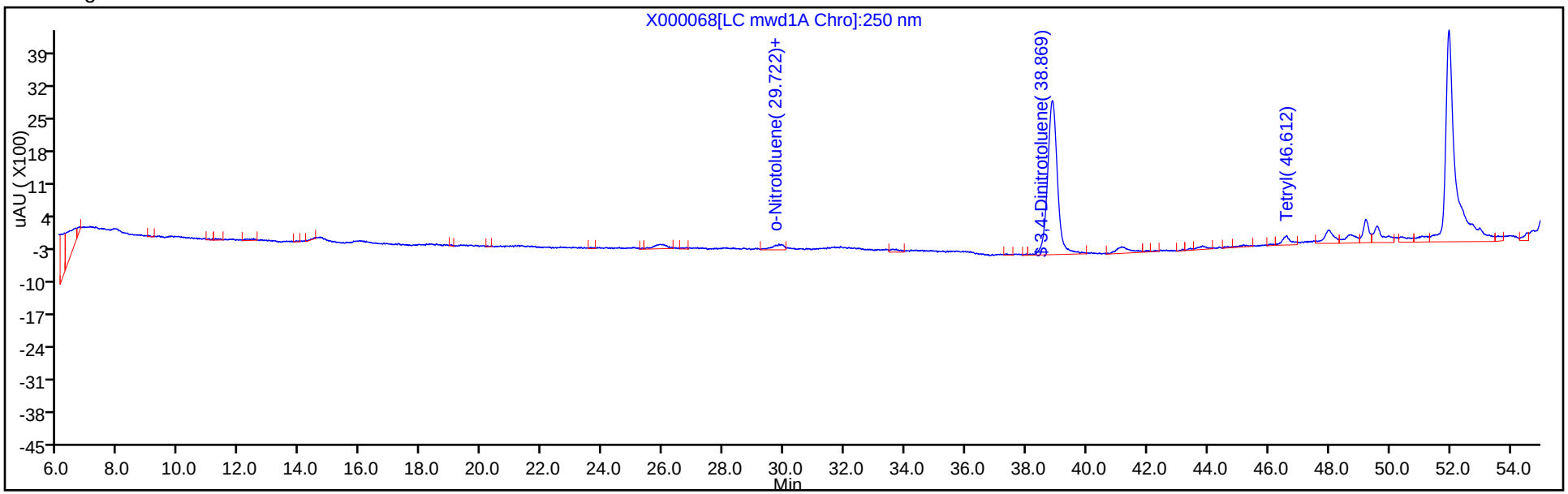
Report Date: 29-Apr-2013 08:07:37 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

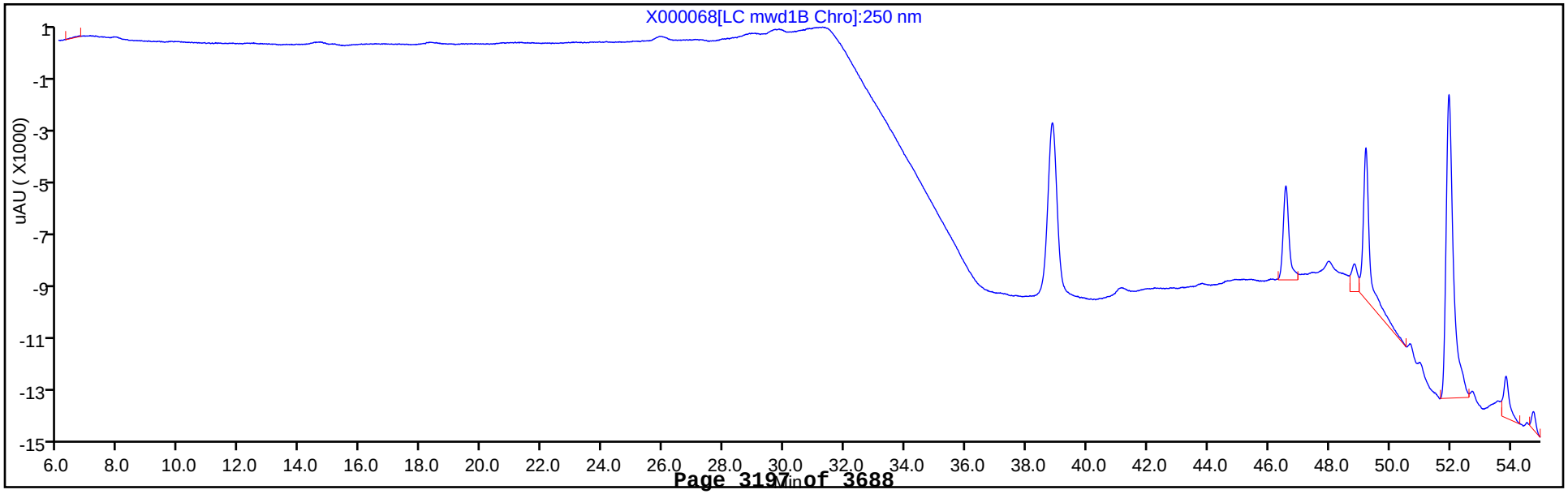
Data File: \\SACChrom\ChromData\LC12\20130424-4083.b\X000068.D

Injection Date:	26-Apr-2013 18:17:12	Limit Group:	LC 8330B ICAL
Client ID:	074SB-0010-0001-SO	Instrument ID:	LC12
Lims Batch ID:	14998	Lims Sample ID:	44
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.: 240-22804-1

SDG No.:

Client Sample ID: 079RN-0317-0001-RN Lab Sample ID: 240-22804-11

Matrix: Water Lab File ID: ZC000005.D

Analysis Method: 8330B Date Collected: 04/03/2013 15:00

Extraction Method: 8330-Prep Date Extracted: 04/08/2013 11:28

Sample wt/vol: 897.1(mL) Date Analyzed: 04/29/2013 17:48

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.: 15252 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
99-35-4	1,3,5-Trinitrobenzene	0.056	U	0.11	0.056	0.035
99-65-0	1,3-Dinitrobenzene	0.11	U	0.11	0.11	0.056
118-96-7	2,4,6-Trinitrotoluene	0.11	U	0.11	0.11	0.056
121-14-2	2,4-Dinitrotoluene	0.11	U	0.11	0.11	0.056
606-20-2	2,6-Dinitrotoluene	0.11	U	0.11	0.11	0.056
35572-78-2	2-Amino-4,6-dinitrotoluene	0.11	U	0.22	0.11	0.017
88-72-2	2-Nitrotoluene	0.11	U	0.56	0.11	0.098
99-08-1	3-Nitrotoluene	0.11	U	0.56	0.11	0.064
99-99-0	4-Nitrotoluene	0.11	U	0.56	0.11	0.098
19406-51-0	4-Amino-2,6-dinitrotoluene	0.11	U	0.11	0.11	0.056
2691-41-0	HMX	0.056	U	0.11	0.056	0.040
121-82-4	RDX	0.056	U	0.11	0.056	0.040
98-95-3	Nitrobenzene	0.11	U	0.11	0.11	0.056
479-45-8	Tetryl	0.11	U	0.11	0.11	0.056
55-63-0	Nitroglycerin	0.56	U	0.72	0.56	0.37
78-11-5	PETN	0.56	U	0.72	0.56	0.33

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	92		79-111

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20130429-4159.b\ZC000005.D		
Lims ID:	240-22804-O-11-A	Client ID:	079RN-0317-0001-RN
Inject. Date:	29-Apr-2013 17:48:50	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0004159-005		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	13
Lims Batch ID:	15252	Lims Sample ID:	5
Method:	\\SACChrom\ChromData\LC10\20130429-4159.b\8330_LC10.m		
Last Update:	30-Apr-2013 07:57:06	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:	XAWRK022		

First Level Reviewer: noonanr Date: 30-Apr-2013 07:57:06

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
$ 30 3,4-Dinitrotoluene						
1	16.542	16.511	0.031	6614	115.6	
2	16.545	16.511	0.034	12745	118.9	

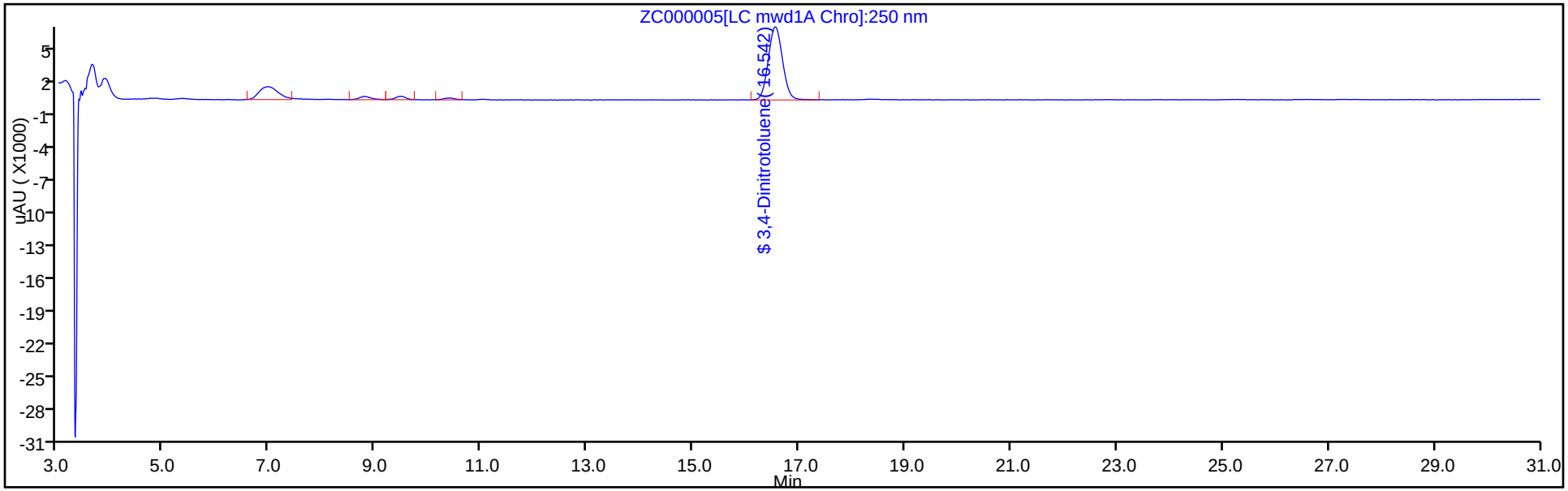
Report Date: 30-Apr-2013 07:57:06 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

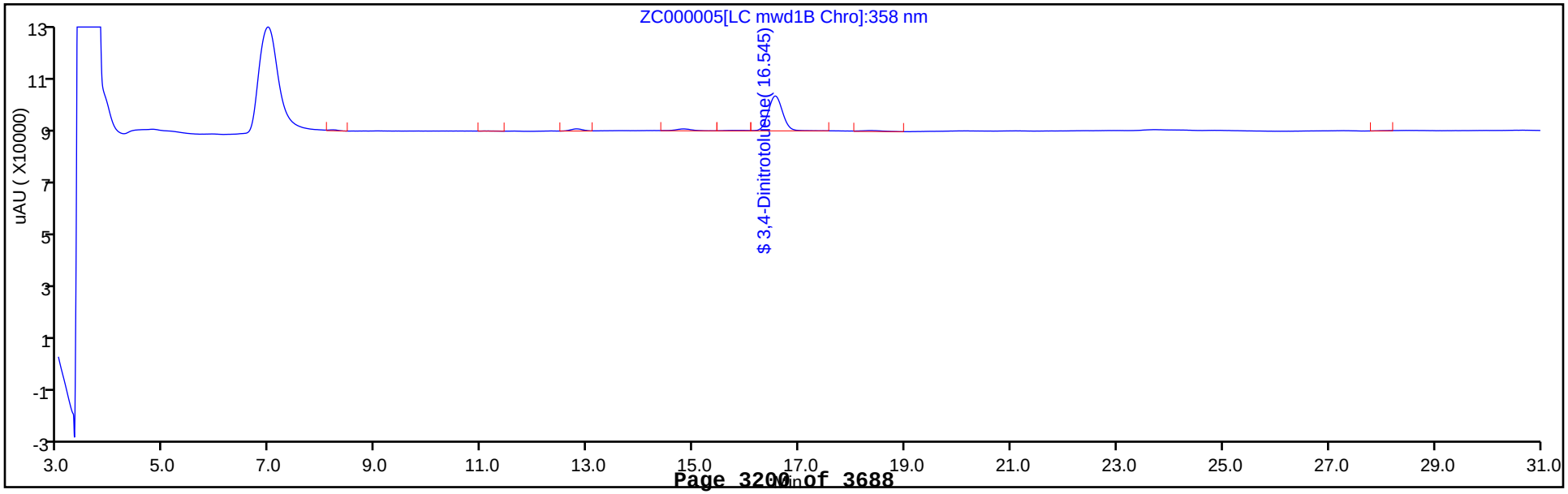
Data File: \\SACChrom\ChromData\LC10\20130429-4159.b\ZC000005.D

Injection Date:	29-Apr-2013 17:48:50	Limit Group:	LC 8330B ICAL
Client ID:	079RN-0317-0001-RN	Instrument ID:	LC10
Lims Batch ID:	15252	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 VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22804-1 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.: 240-22804-1 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.: 240-22804-1 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.: 240-22804-1 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.: 240-22804-1 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

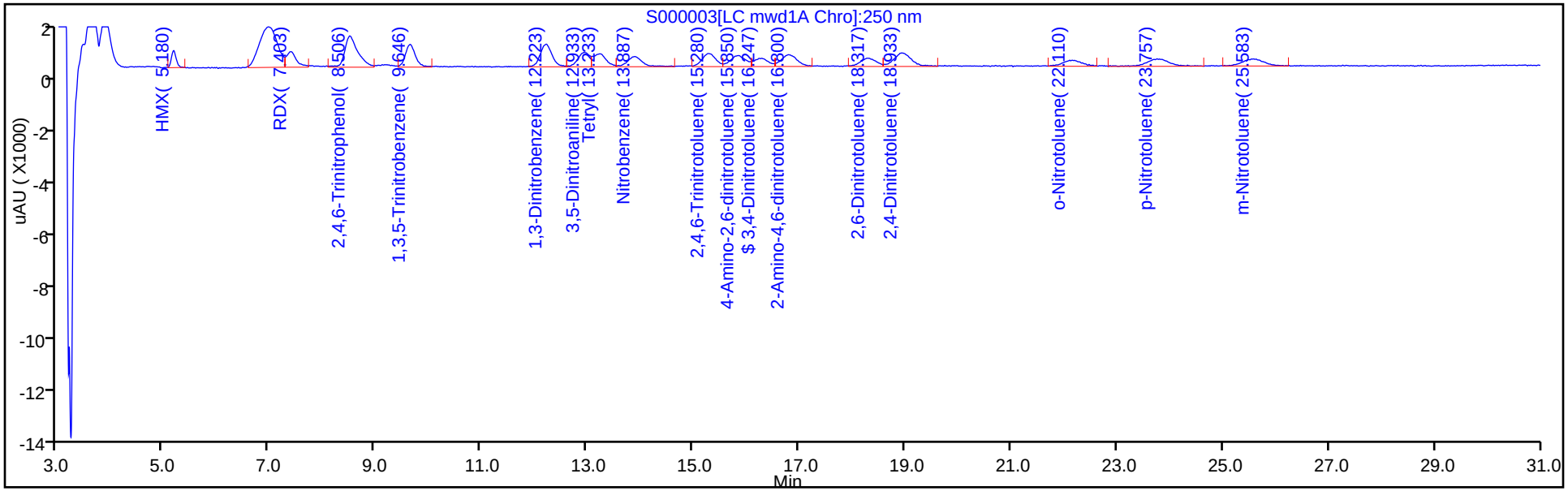
Report Date: 22-Apr-2013 09:45:25 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

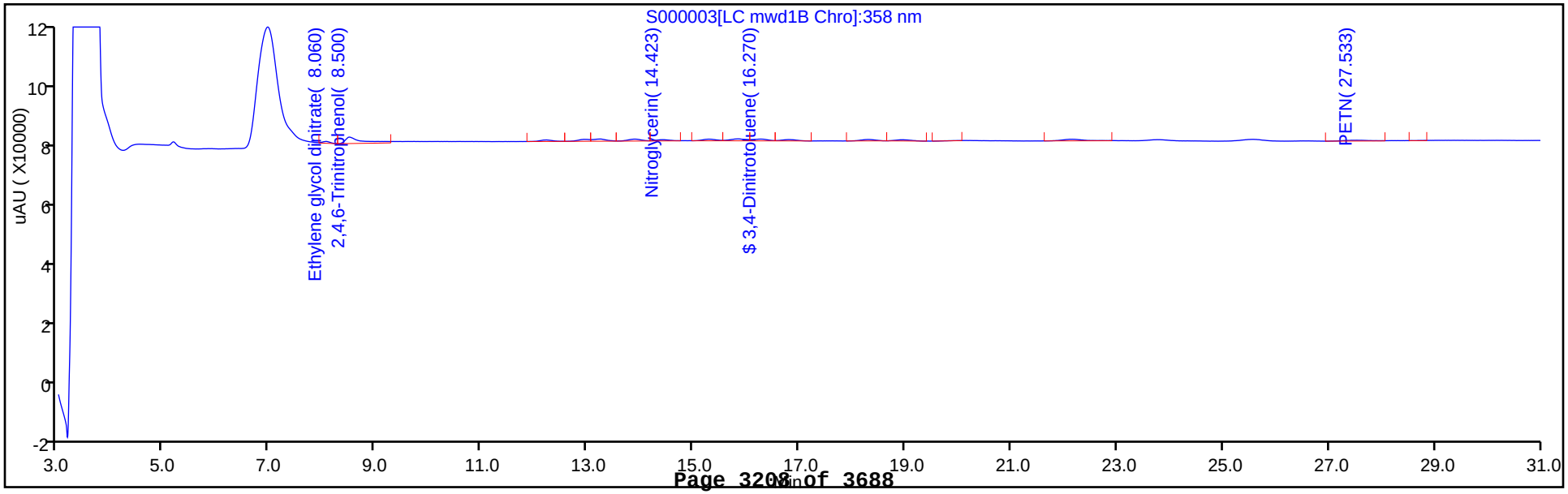
Data File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000003.D

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:



Manual Integration/User Assign Peak Report

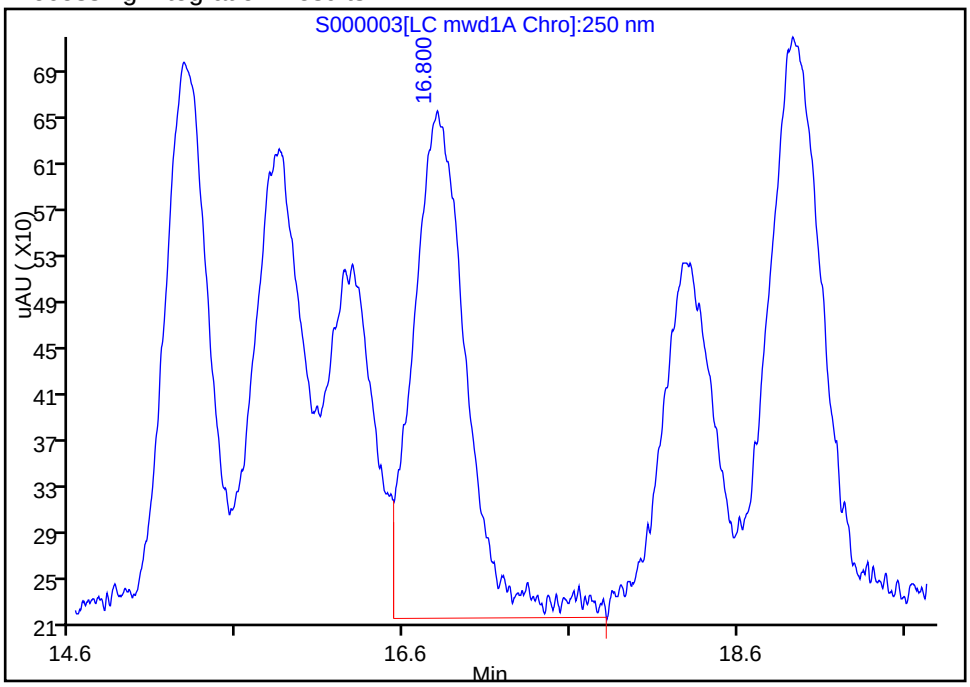
TestAmerica Sacramento

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

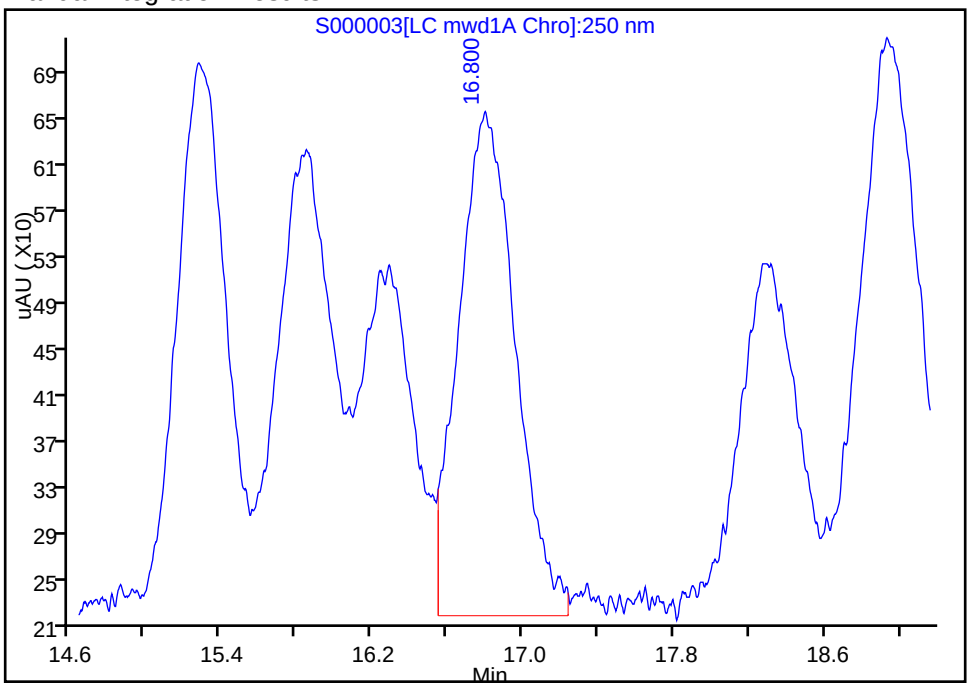
Processing Integration Results

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

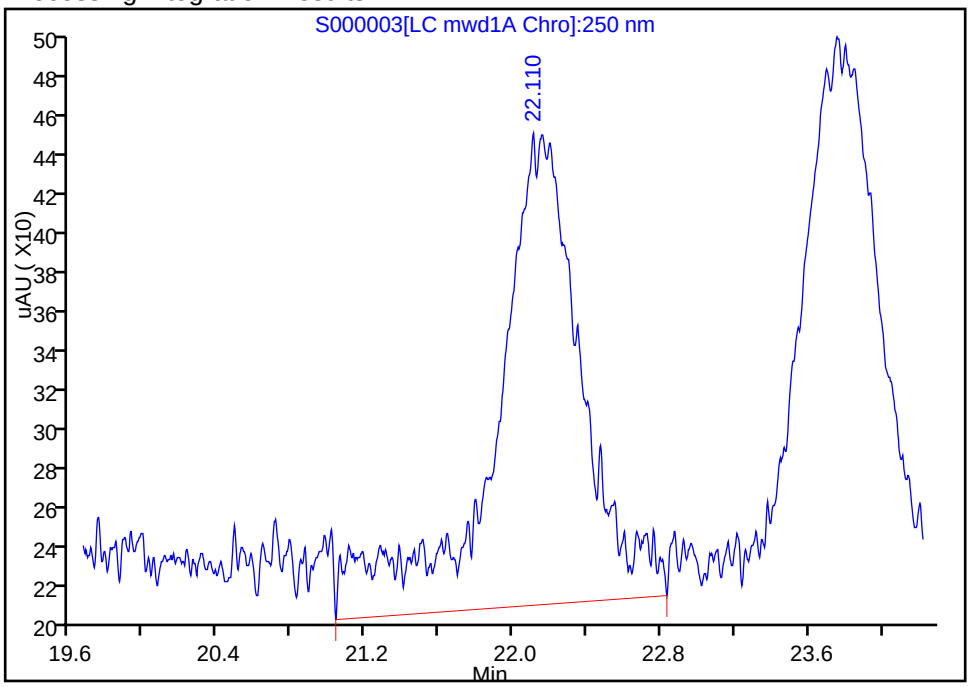
TestAmerica Sacramento

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

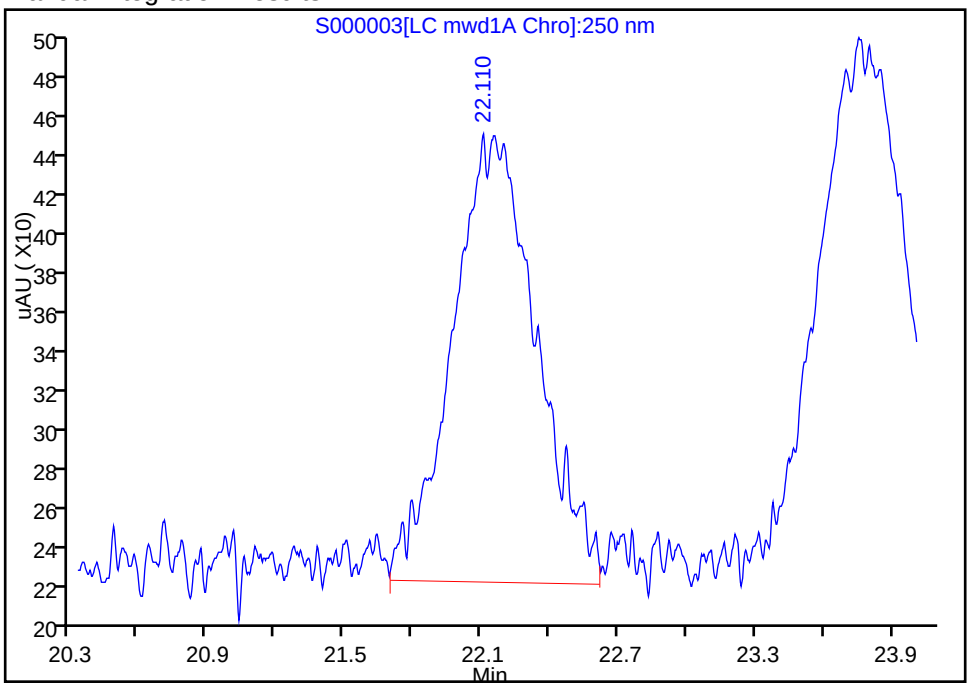
Processing Integration Results

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

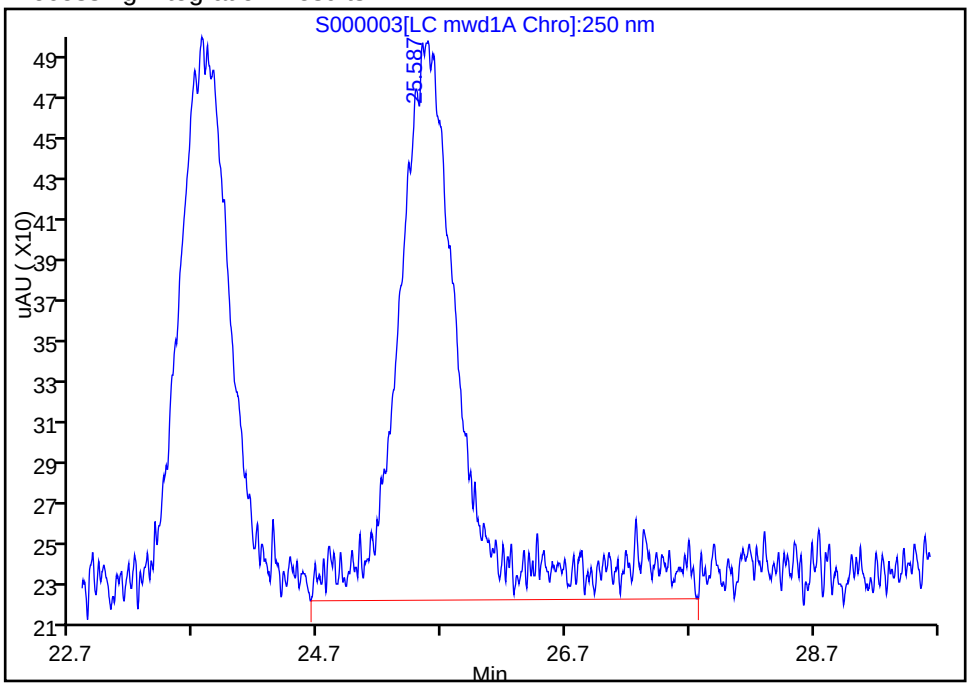
TestAmerica Sacramento

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

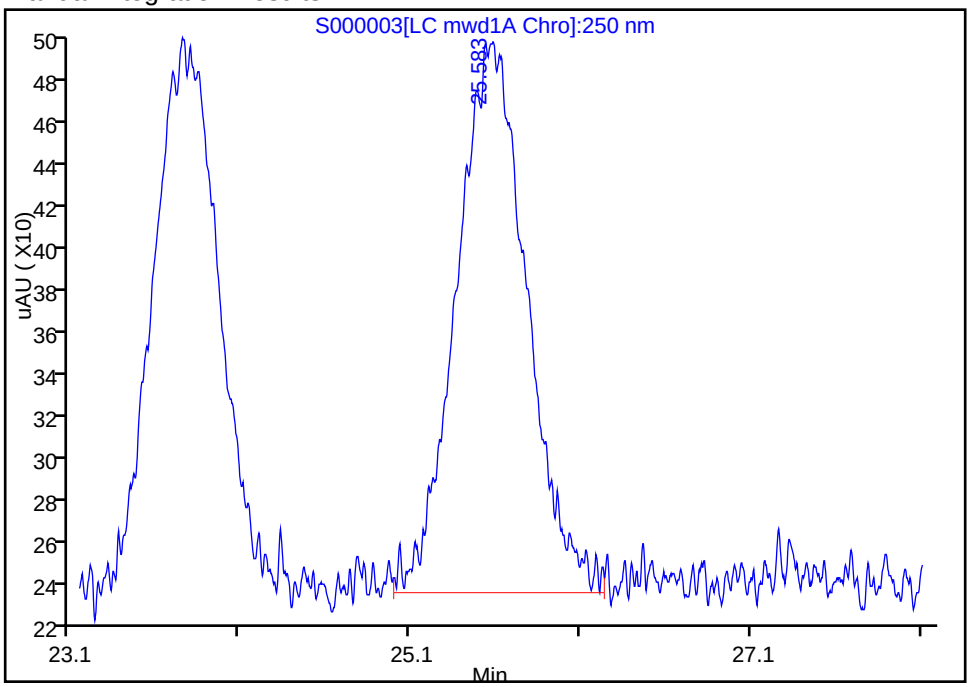
Processing Integration Results

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

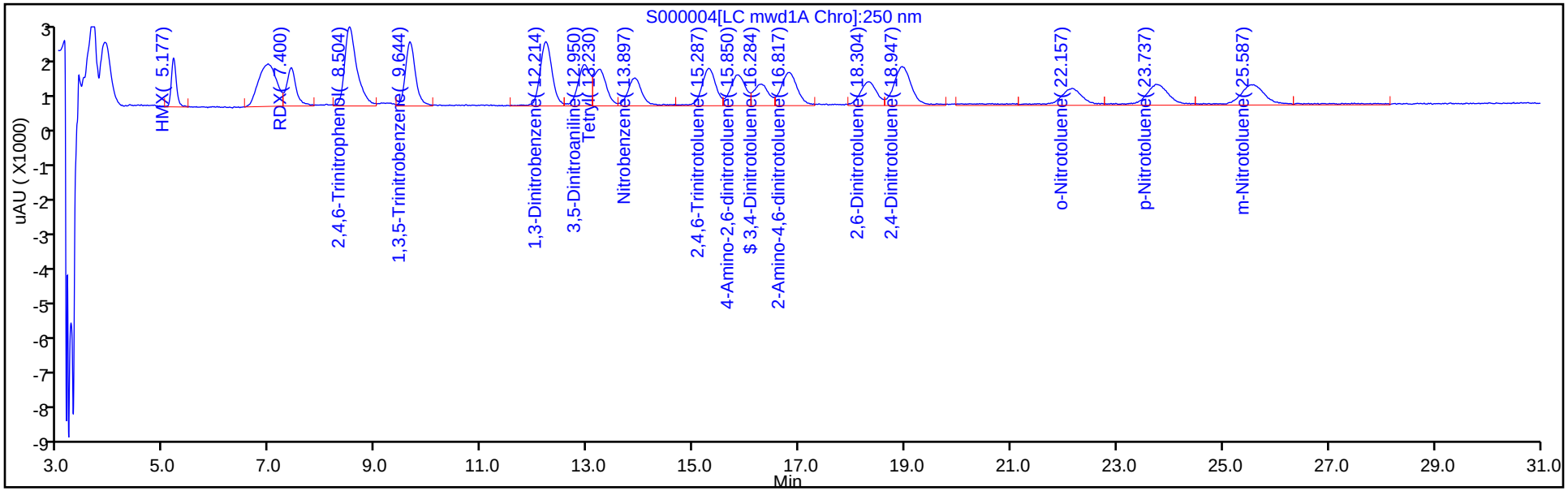
Report Date: 22-Apr-2013 09:45:26 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

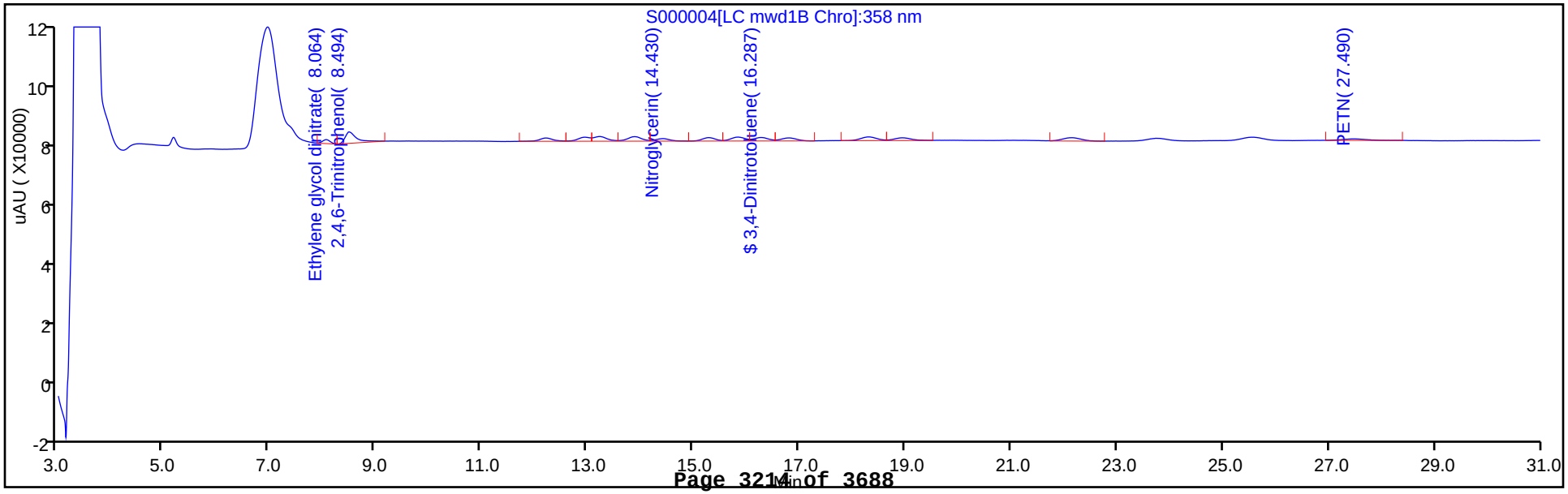
Data File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000004.D

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

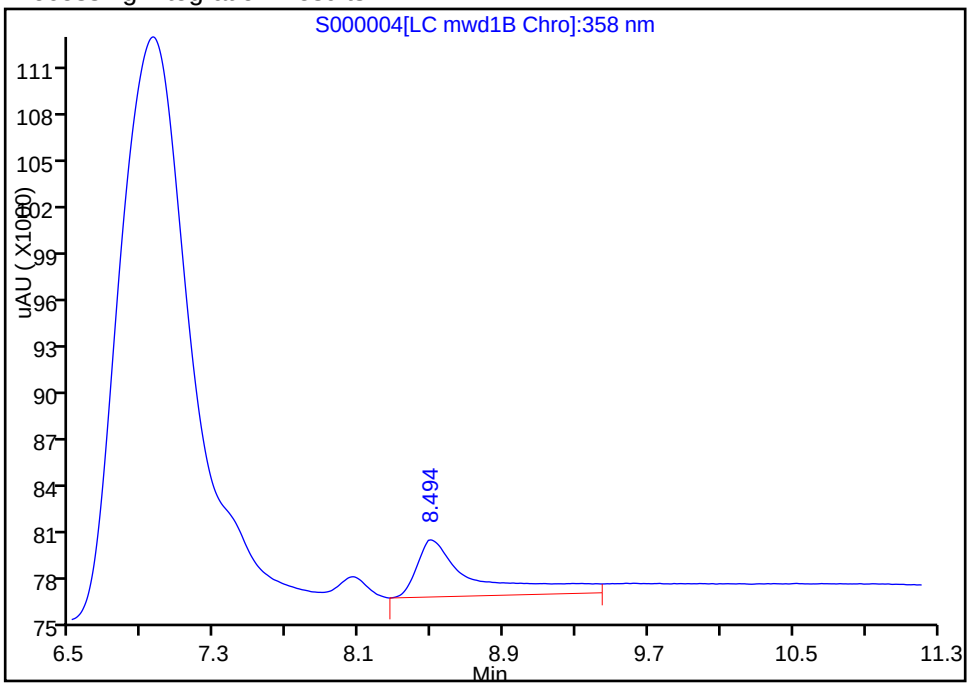
TestAmerica Sacramento

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

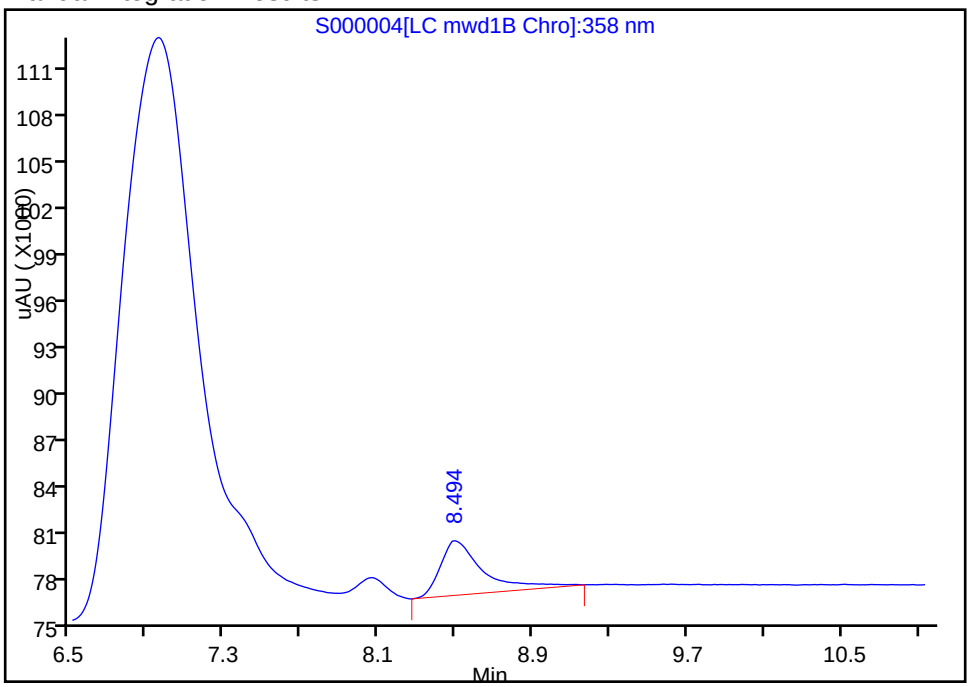
Processing Integration Results

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

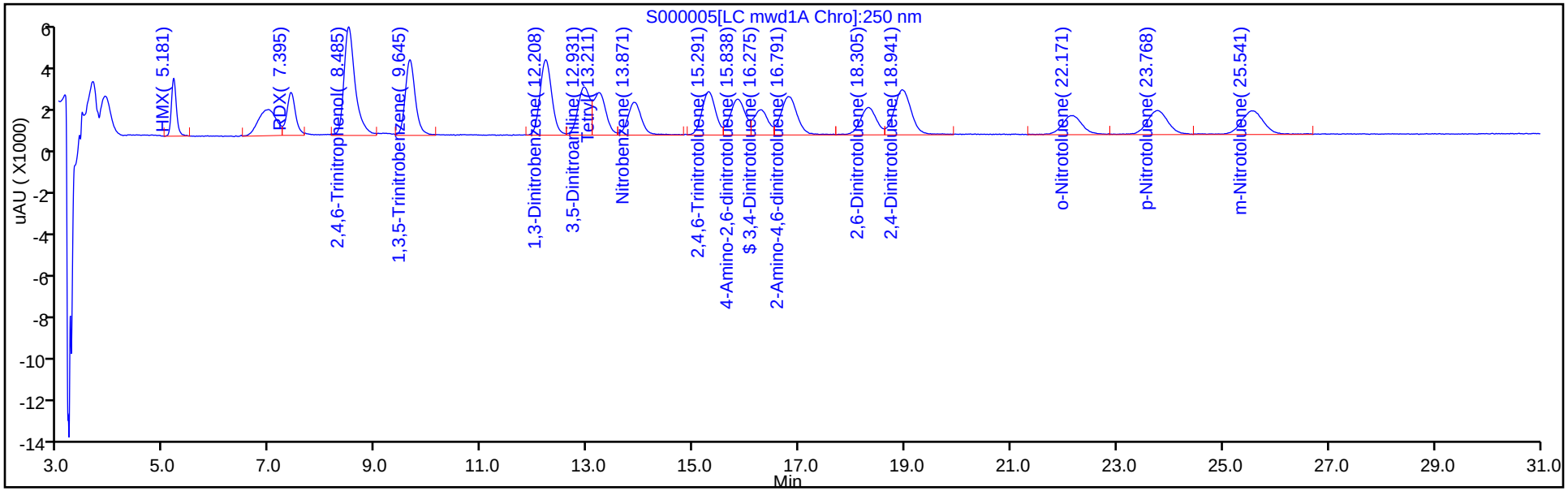
Review Flags
M - Manually Integrated

Report Date: 22-Apr-2013 09:45:27 Chrom Revision: 2.1 07-Apr-2013 20:36:54

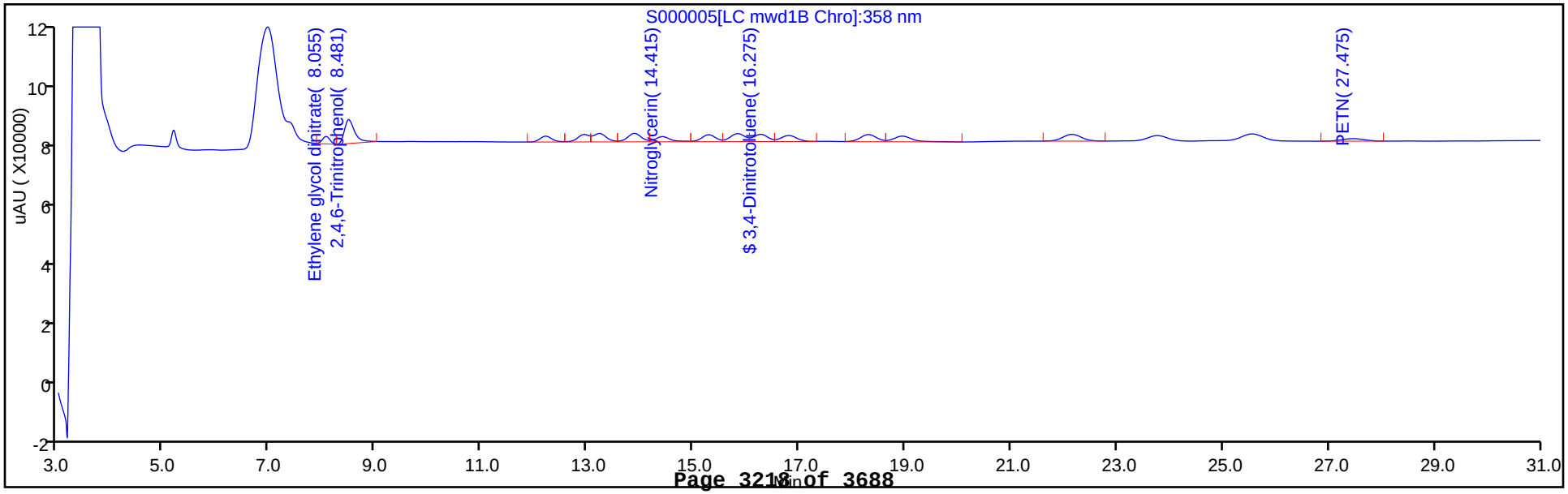
TestAmerica Sacramento

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

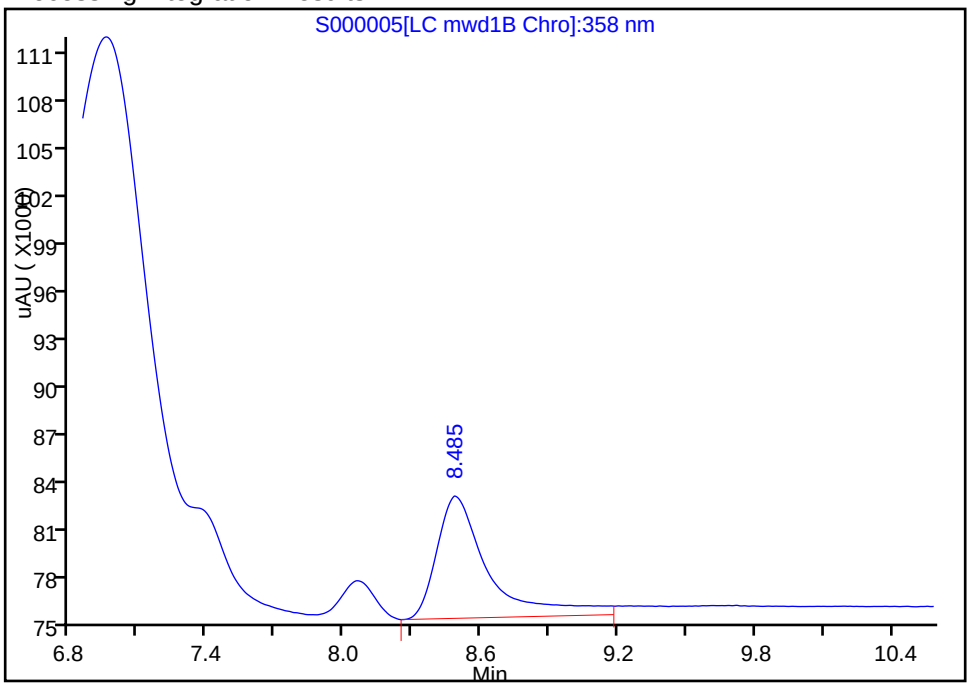
TestAmerica Sacramento

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

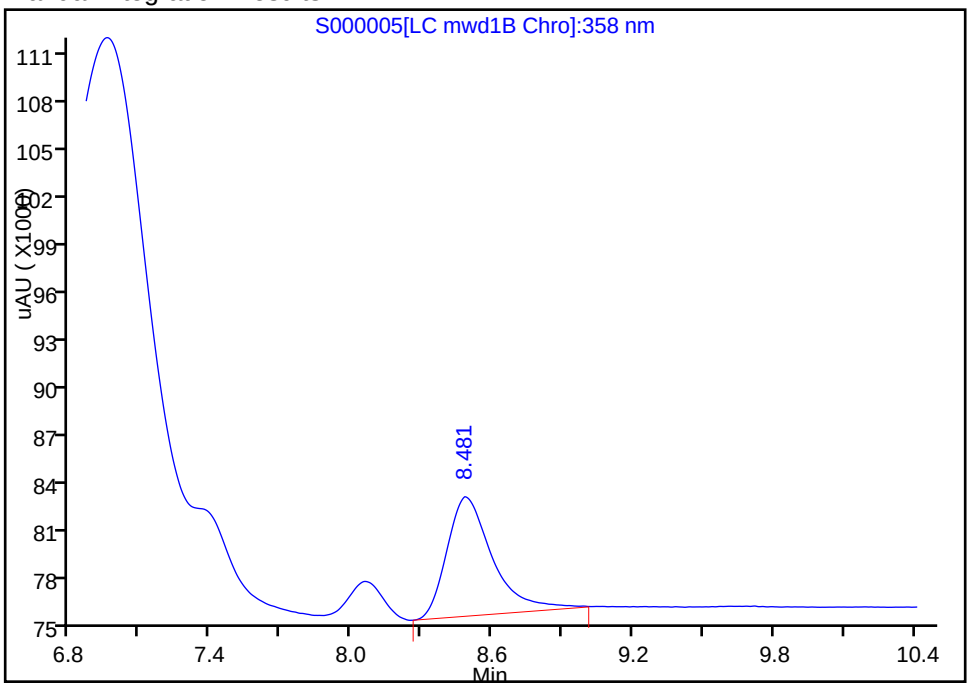
Processing Integration Results

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

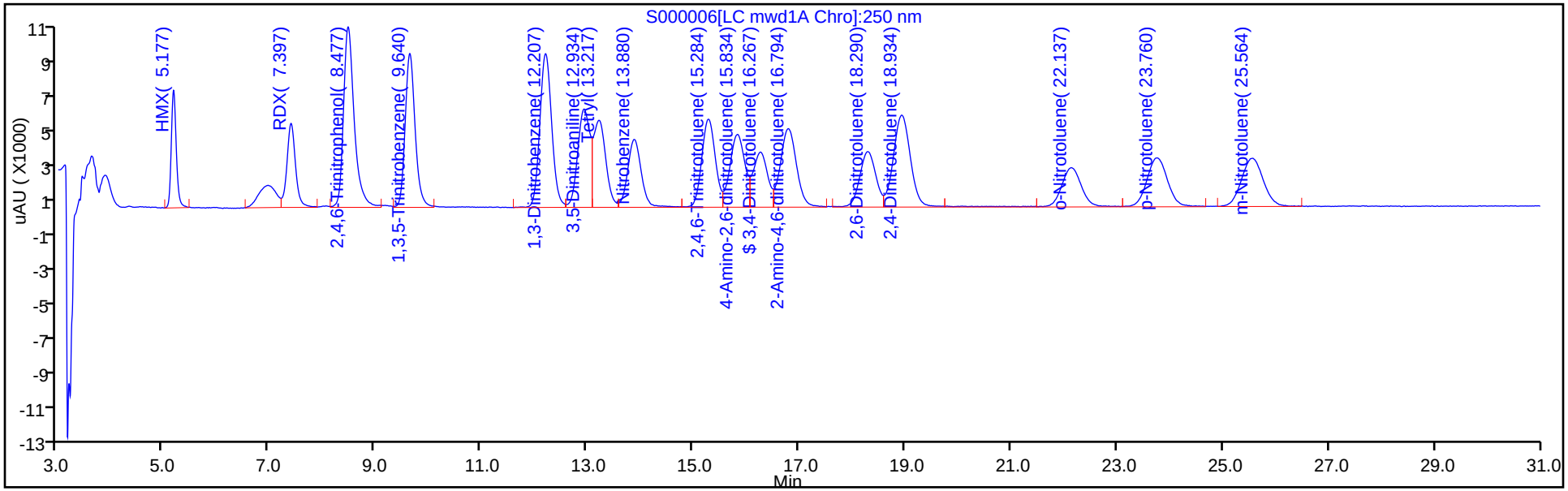
Report Date: 22-Apr-2013 09:45:28 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

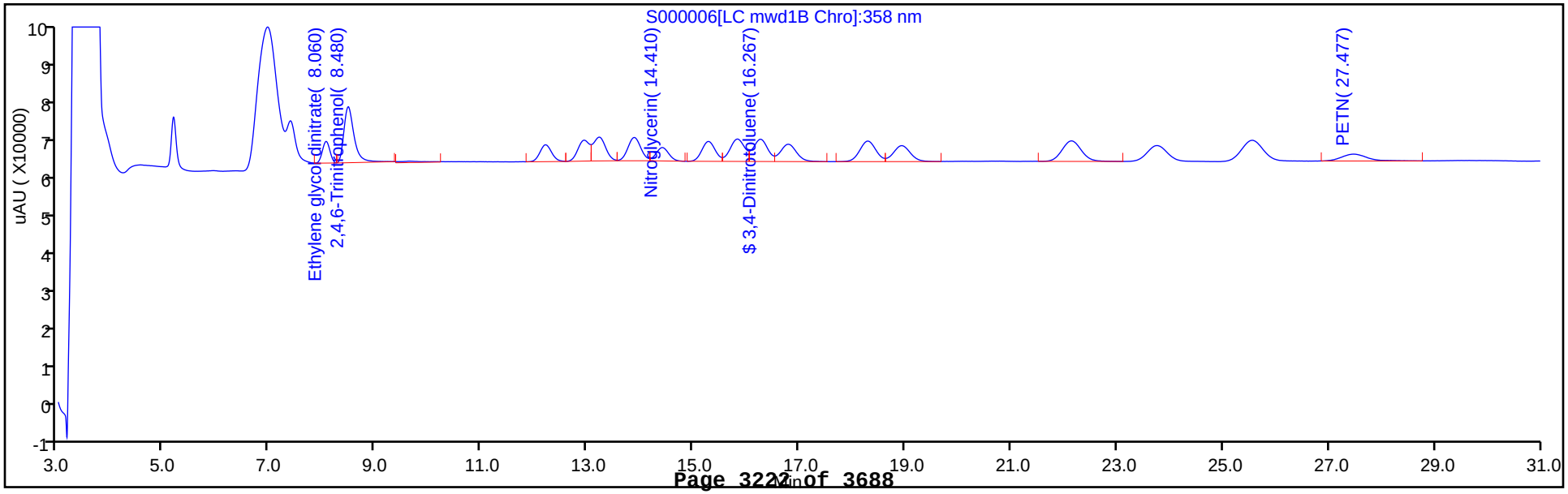
Data File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000006.D

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

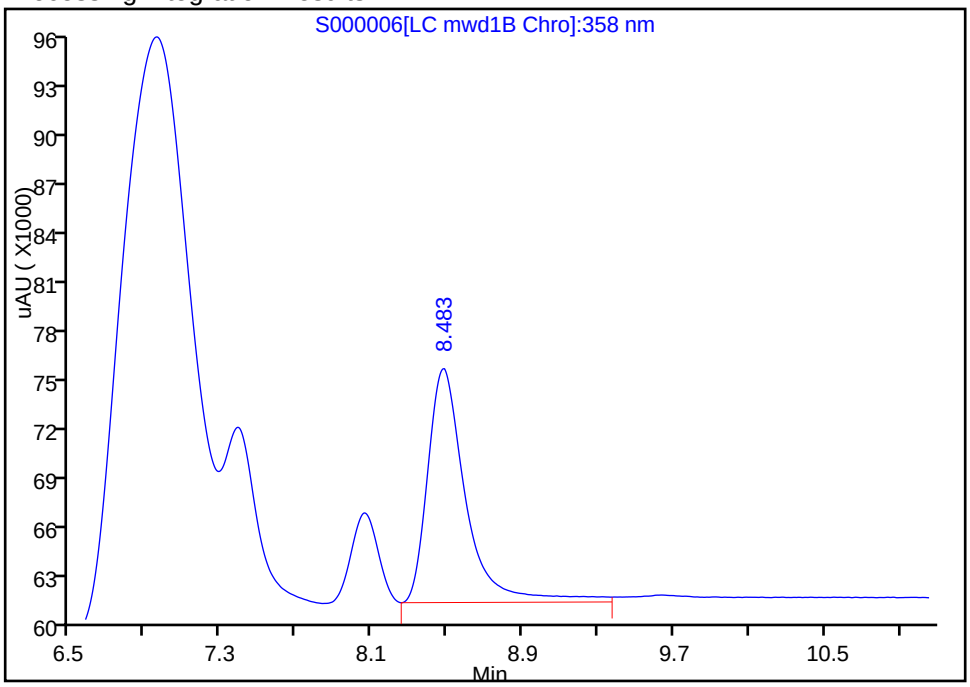
TestAmerica Sacramento

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

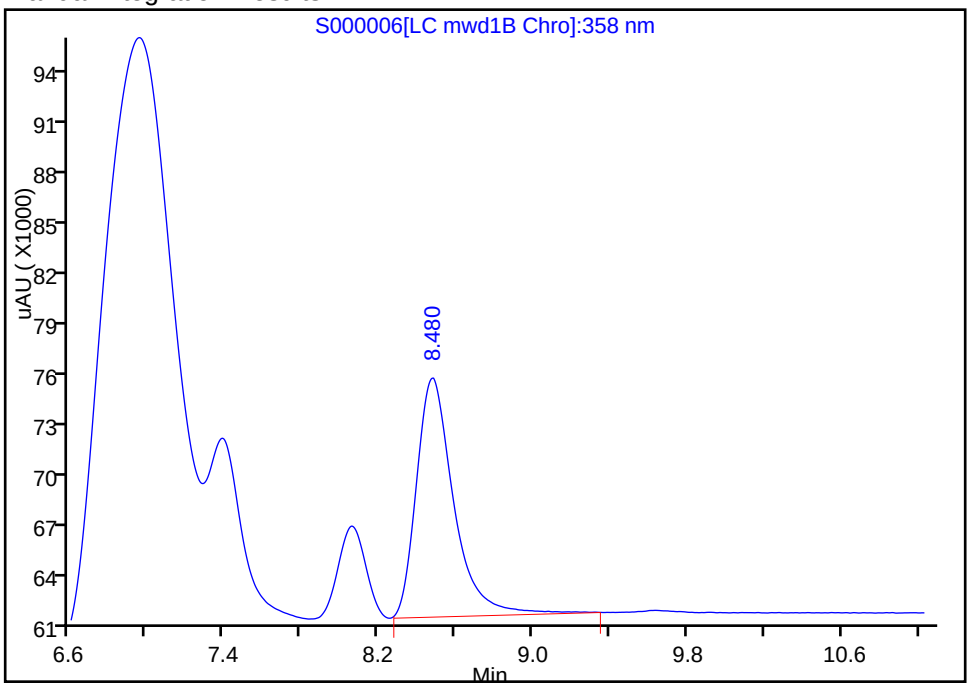
Processing Integration Results

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

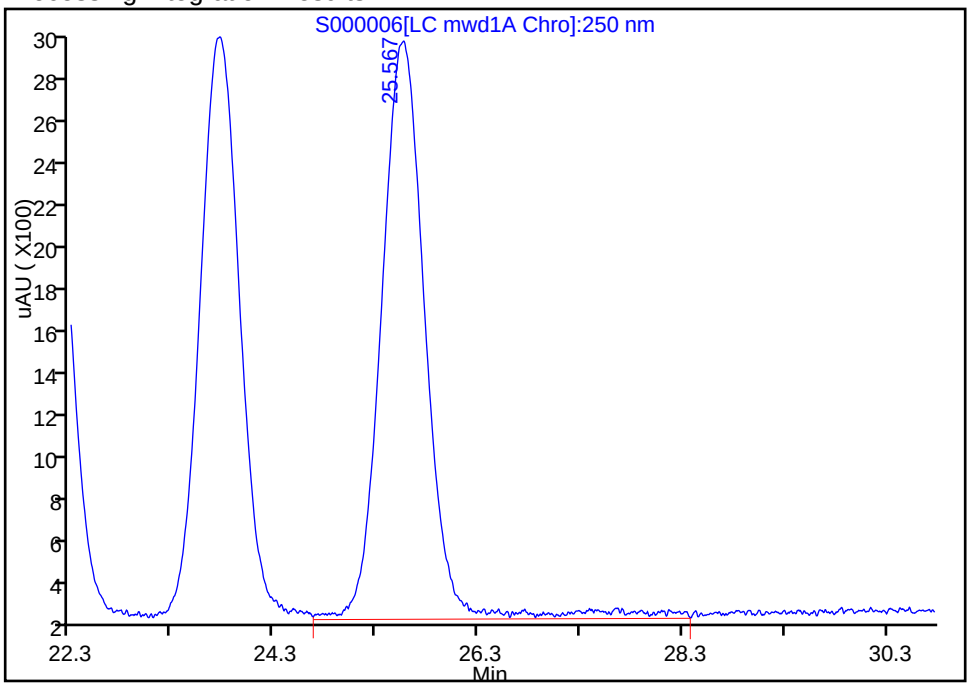
TestAmerica Sacramento

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

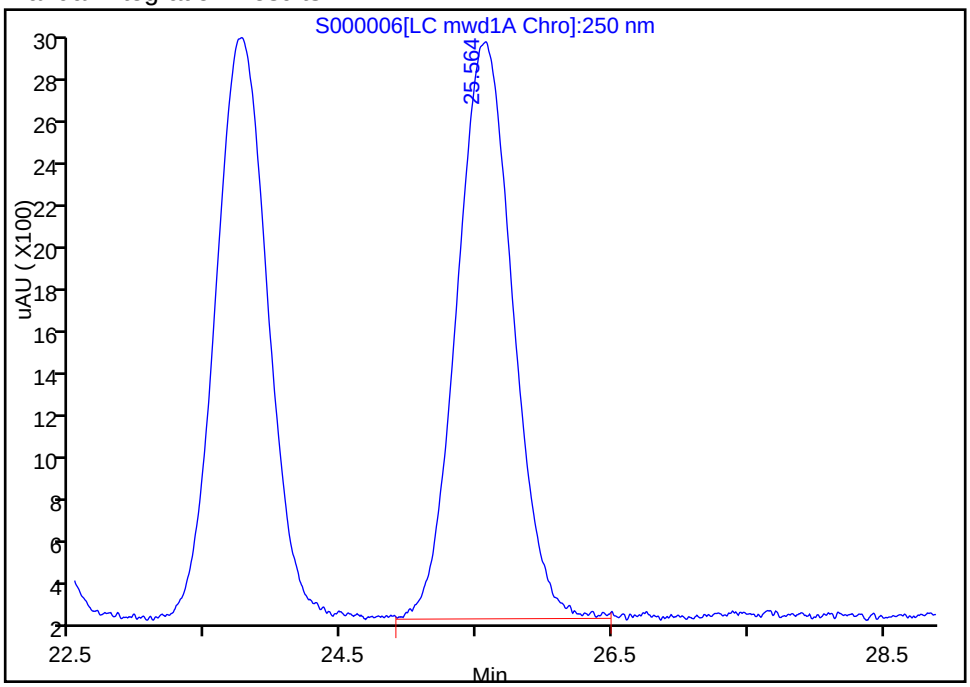
Processing Integration Results

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	

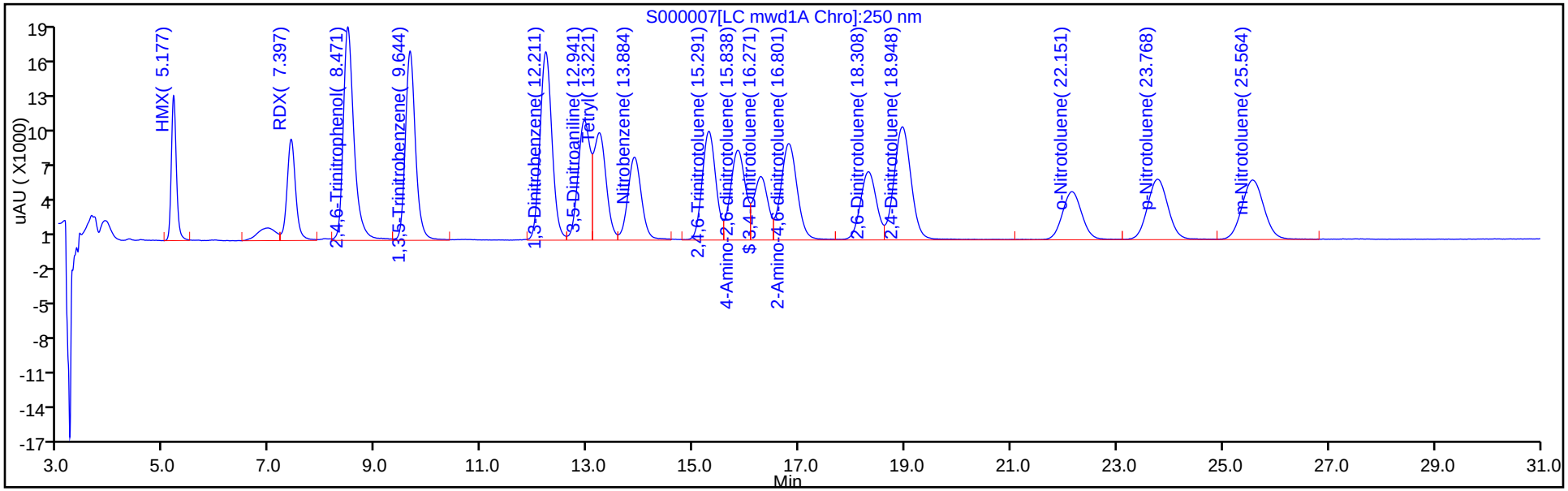
Report Date: 22-Apr-2013 09:45:28 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

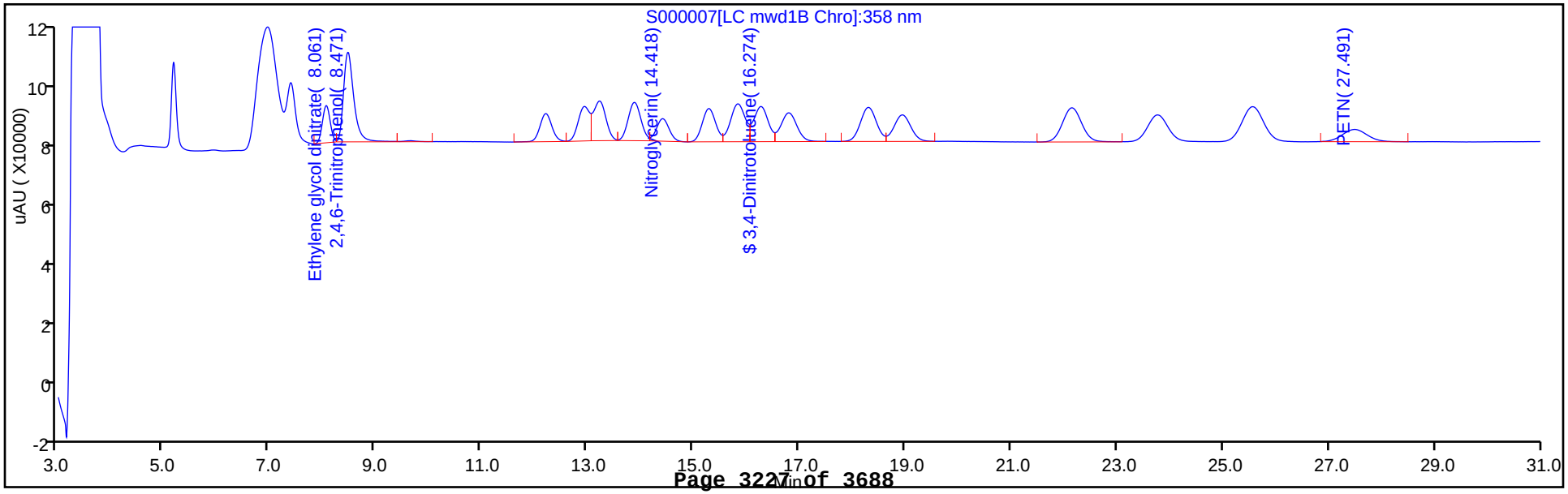
Data File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000007.D

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

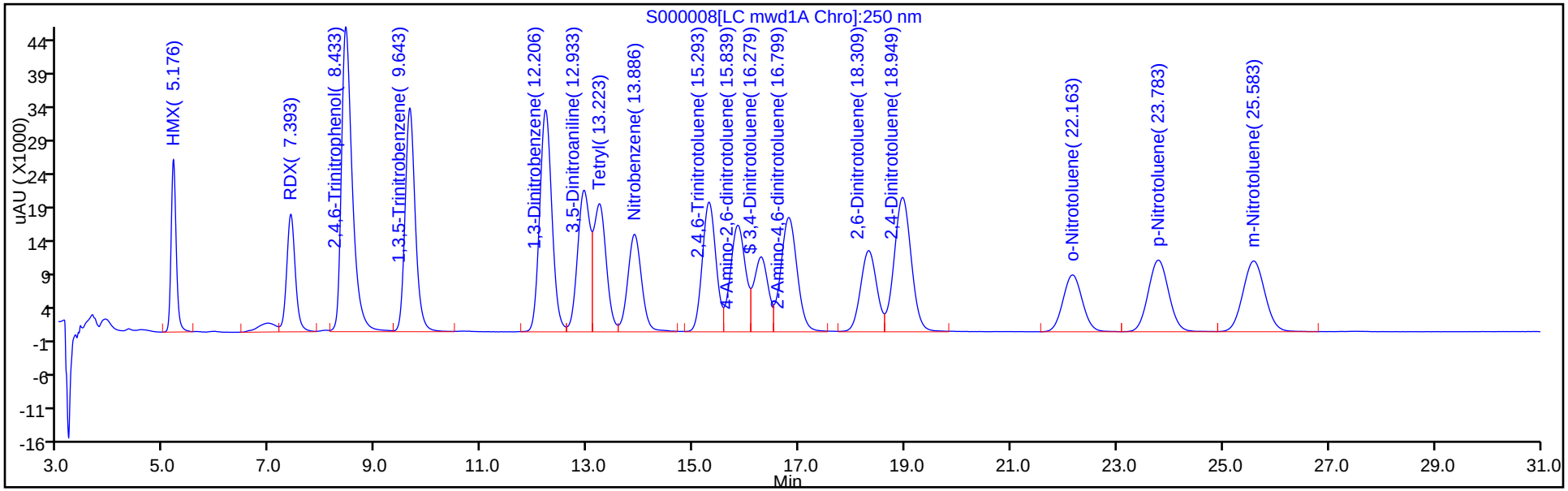
Report Date: 22-Apr-2013 09:45:29 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

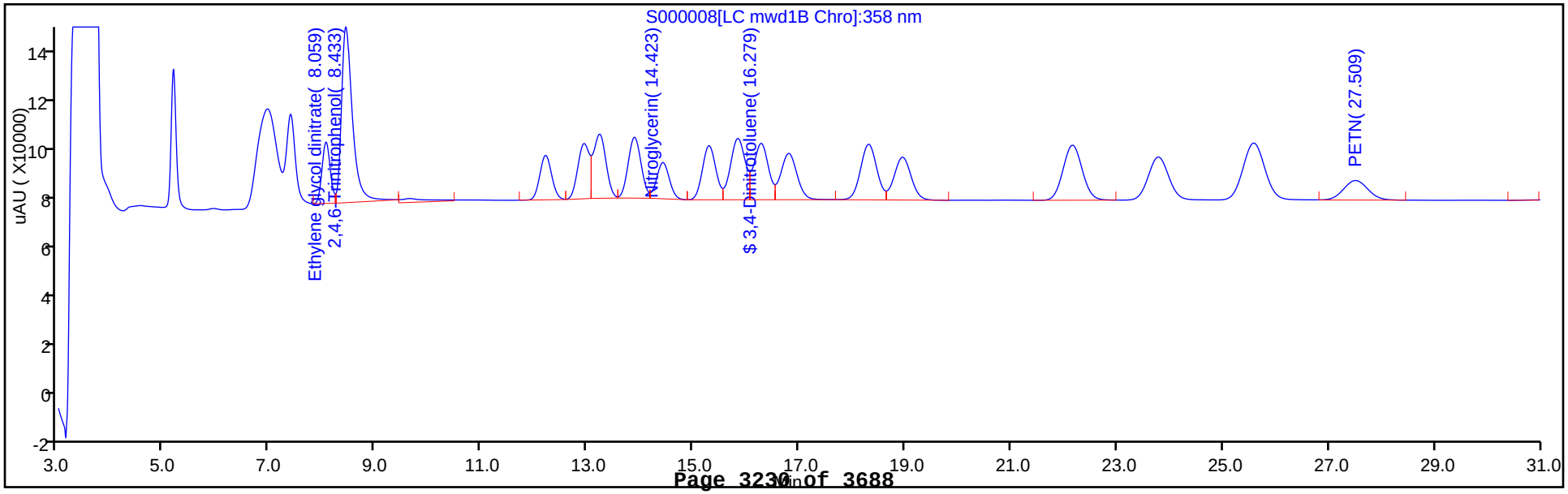
Data File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000008.D

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

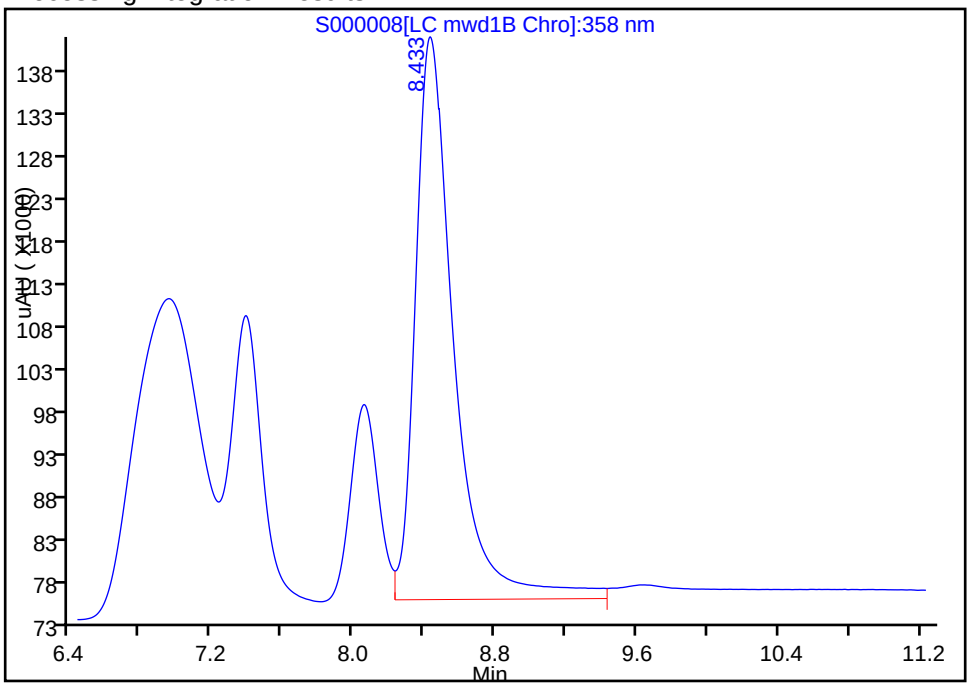
TestAmerica Sacramento

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

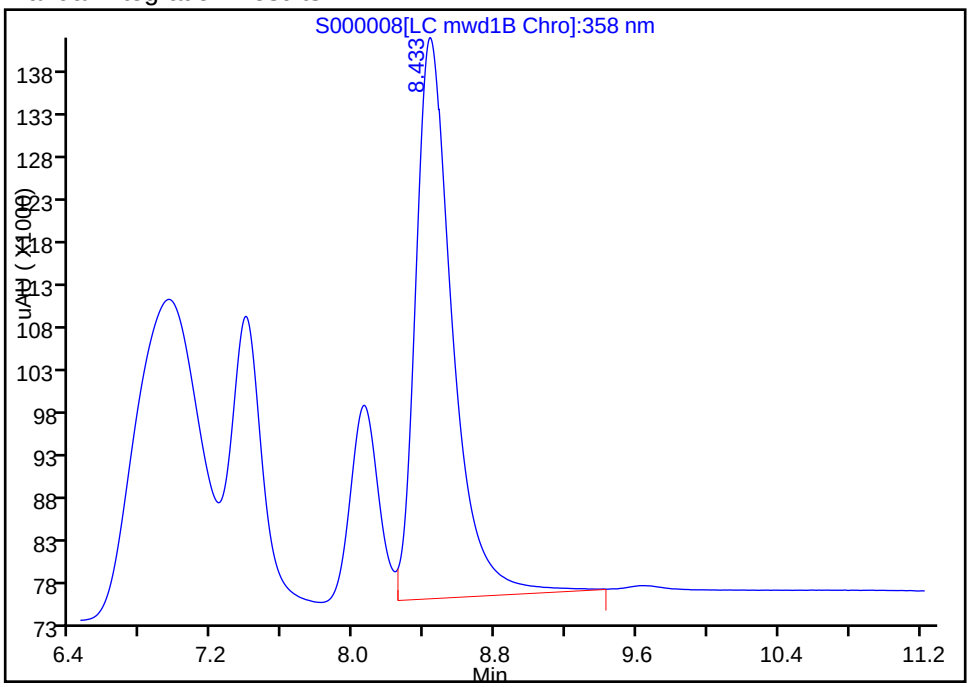
Processing Integration Results

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

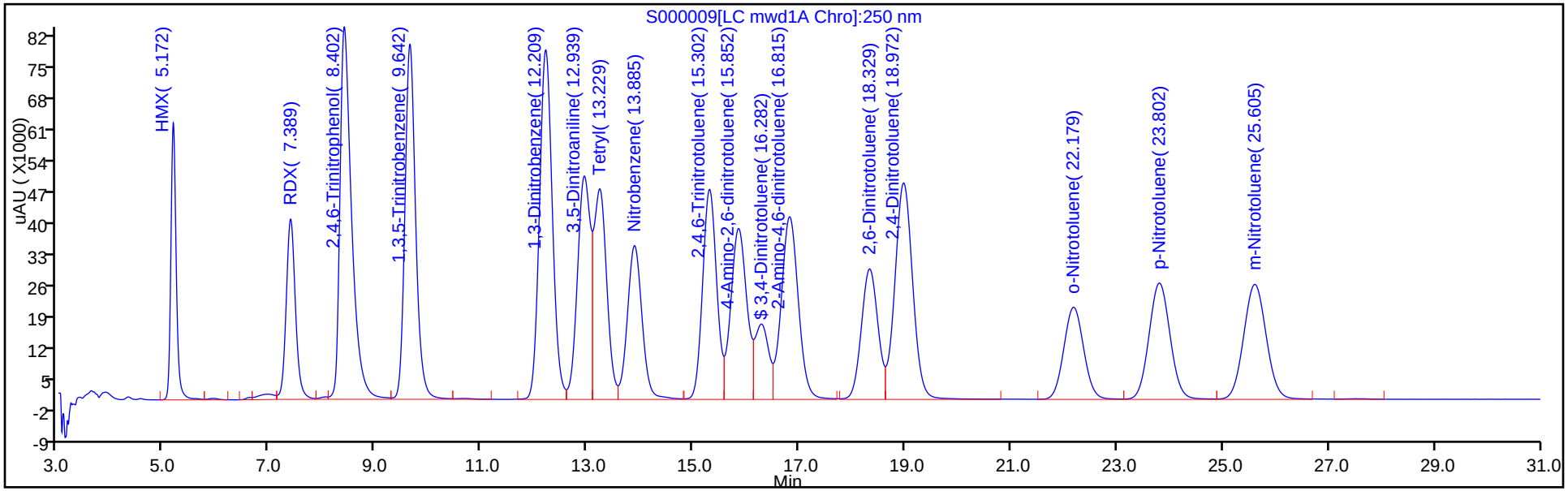
Report Date: 22-Apr-2013 09:45:30 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

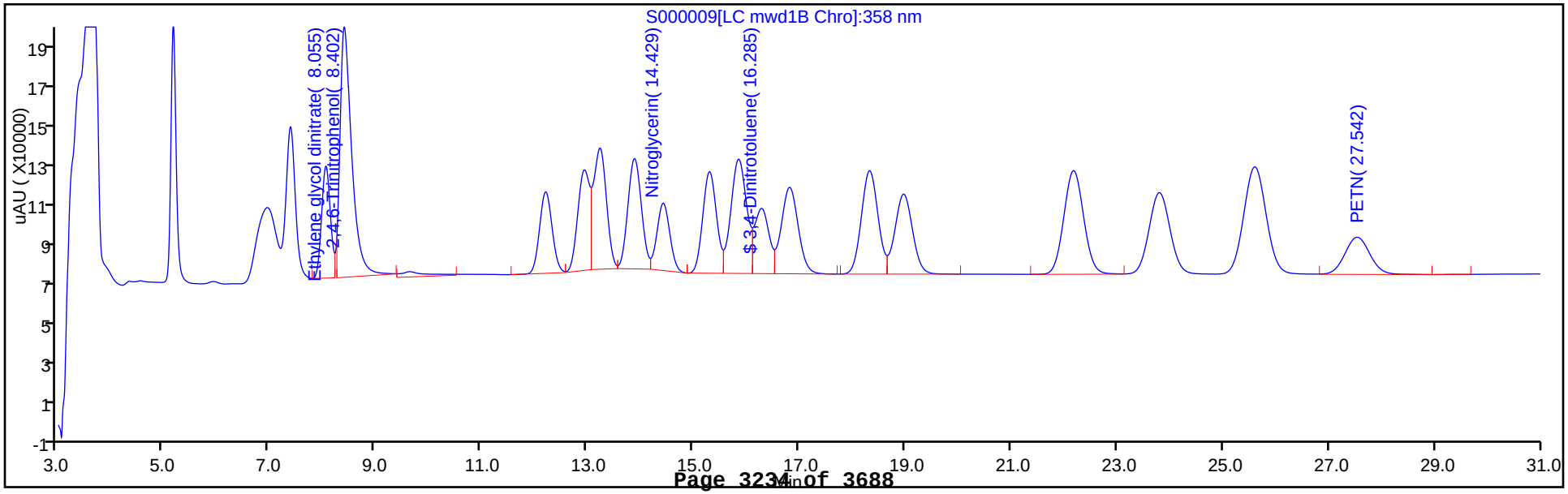
Data File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000009.D

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

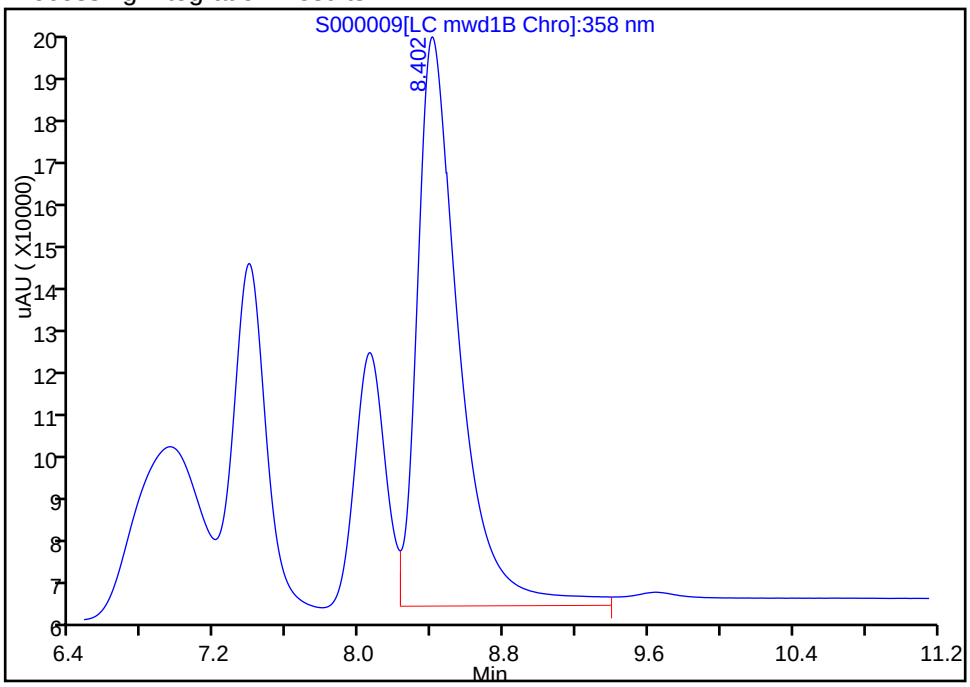
TestAmerica Sacramento

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

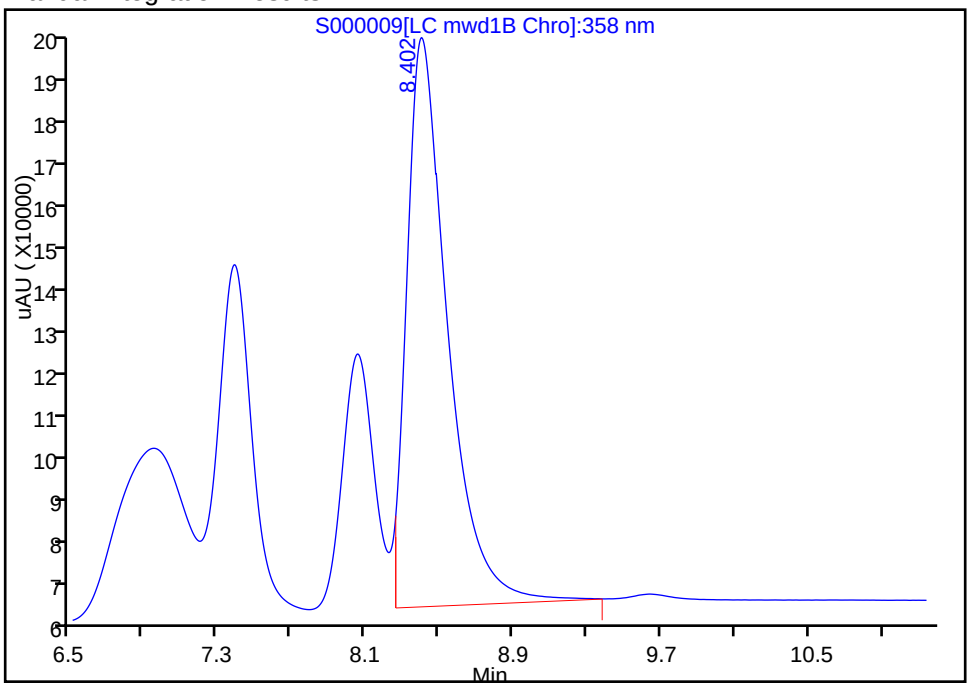
Processing Integration Results

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	

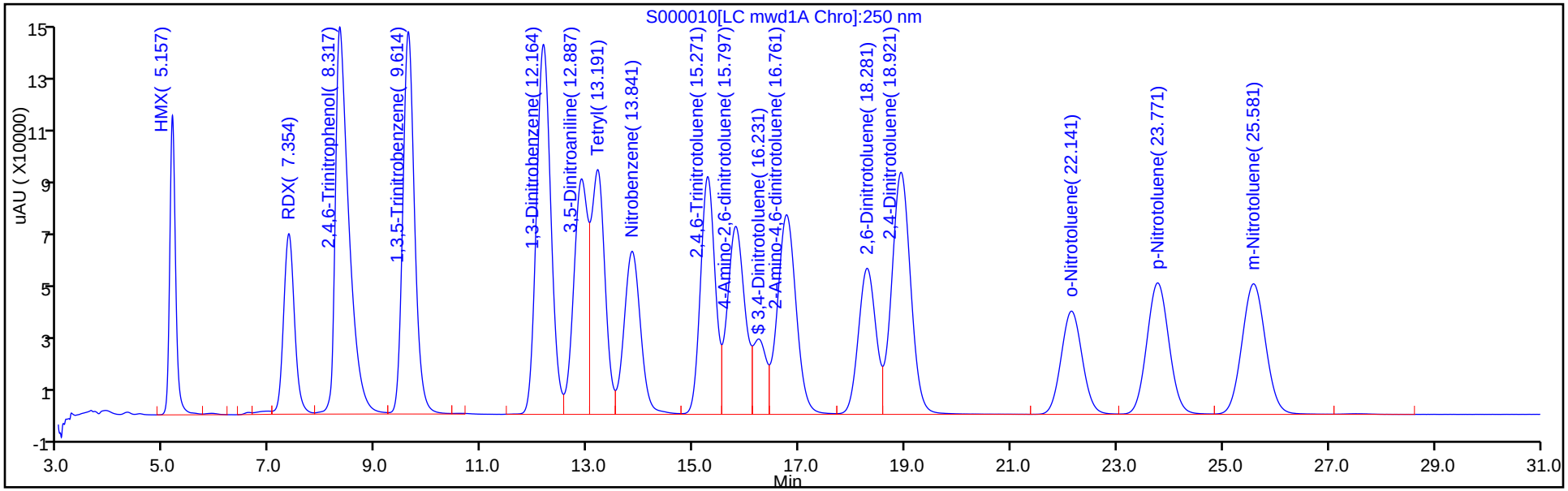
Report Date: 22-Apr-2013 09:45:31 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

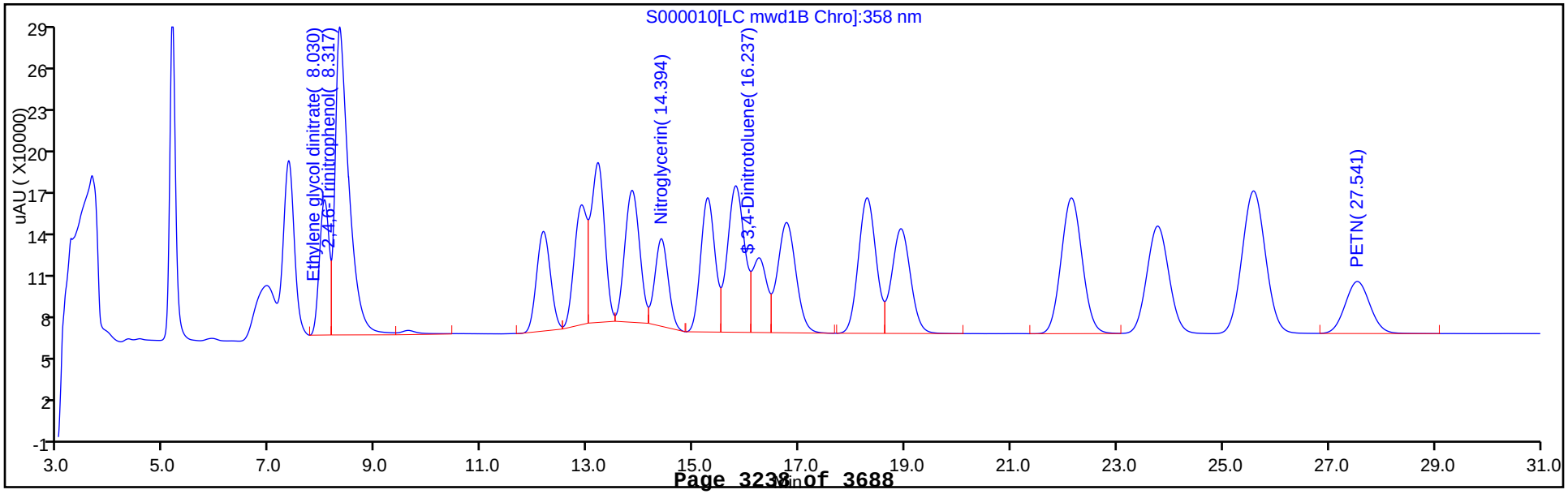
Data File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D

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.: 240-22804-1 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.: 240-22804-1 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.: 240-22804-1 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.: 240-22804-1 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.: 240-22804-1 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

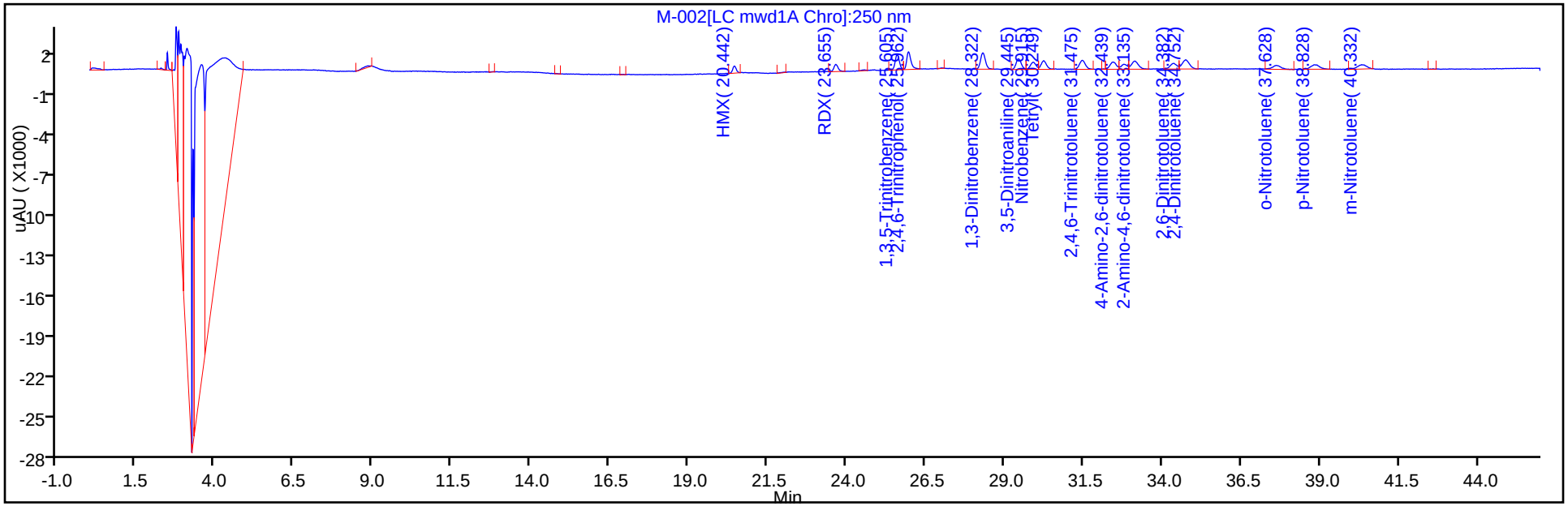
Review Flags
M - Manually Integrated

Report Date: 18-Sep-2012 15:07:50 Chrom Revision: 2.1 16-Sep-2012 09:37:06

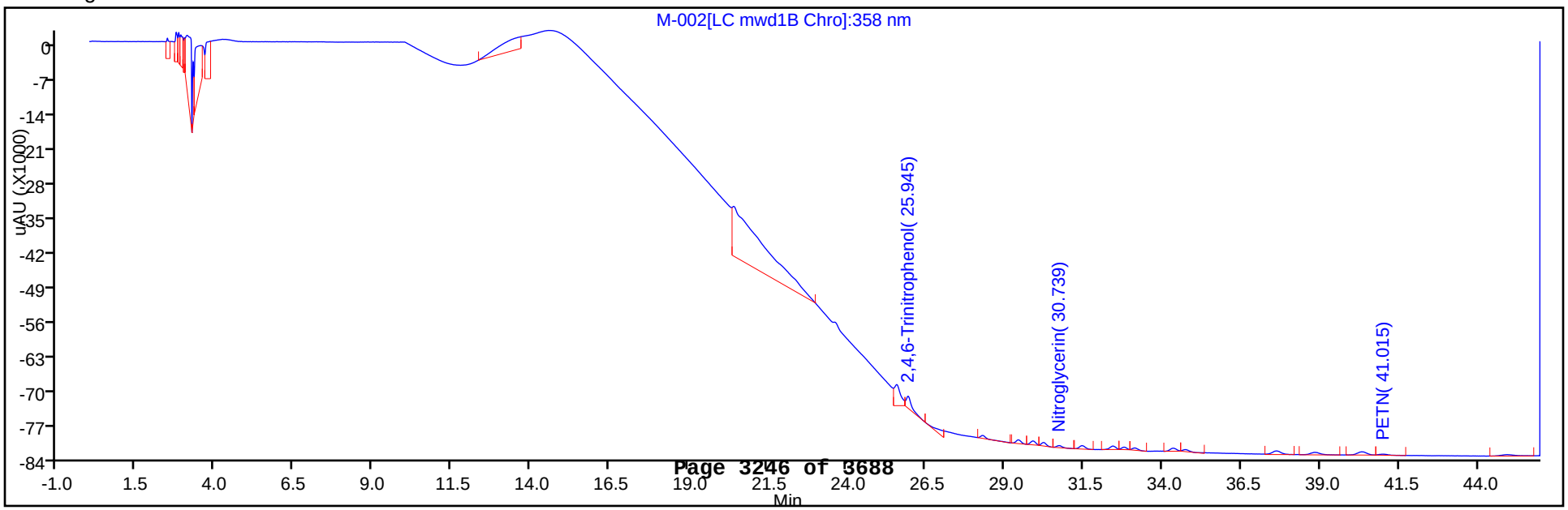
TestAmerica West Sacramento

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

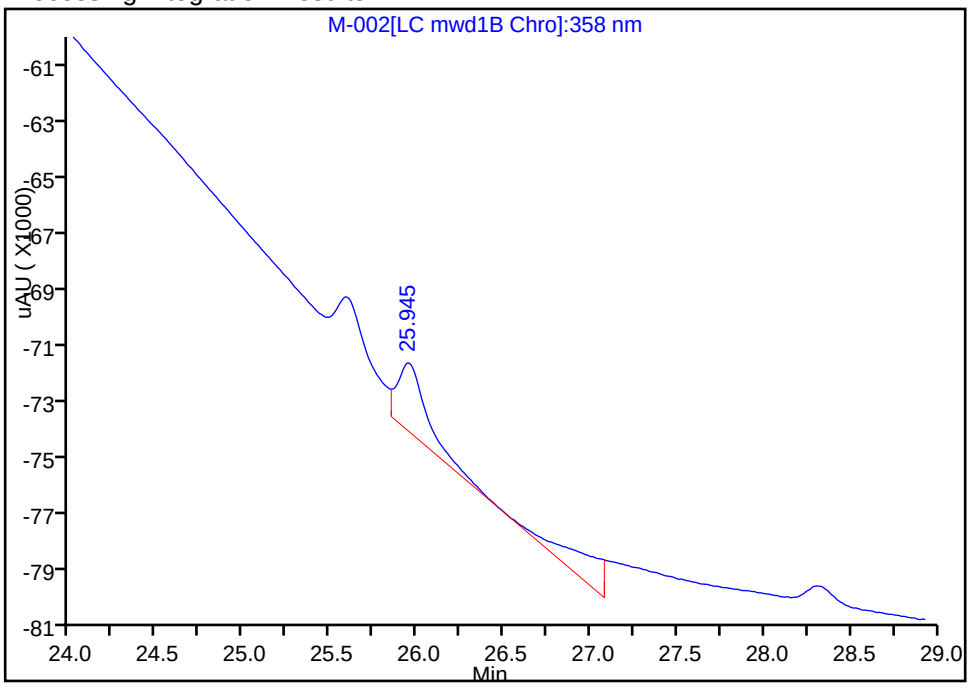
TestAmerica West Sacramento

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

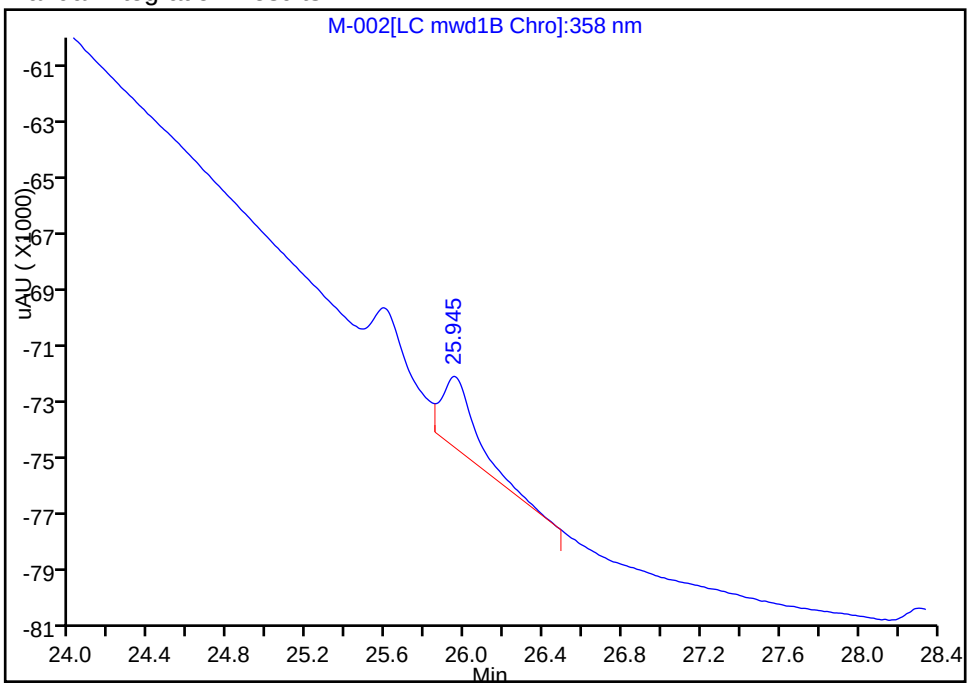
Processing Integration Results

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

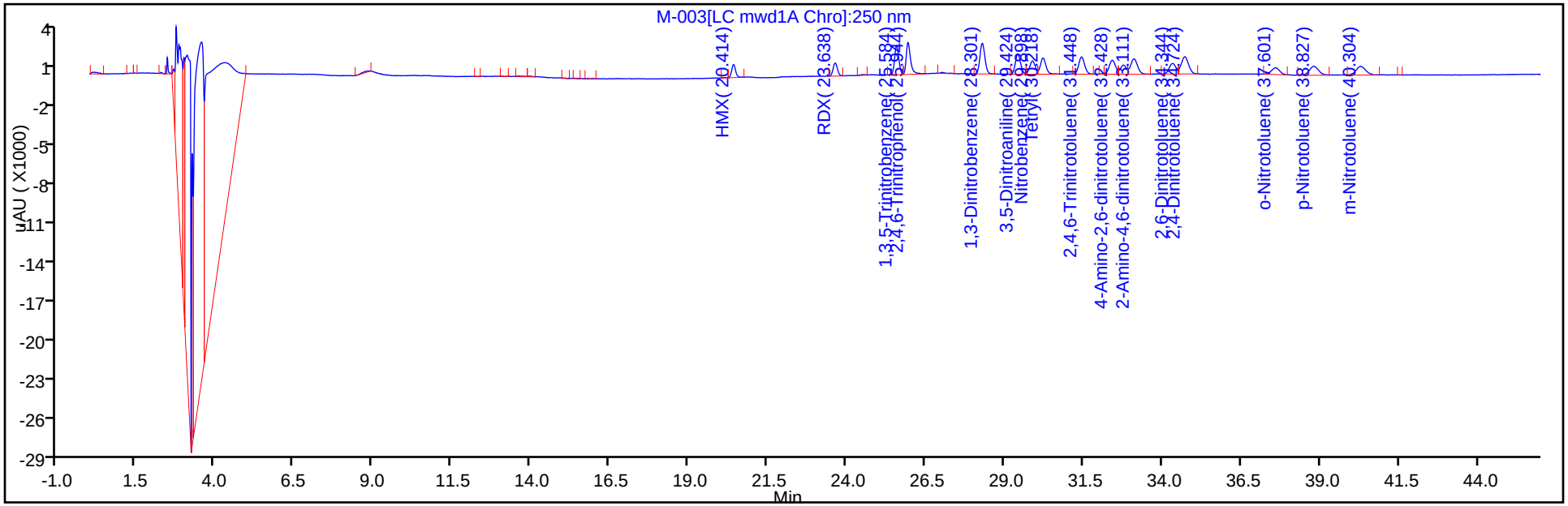
Review Flags
M - Manually Integrated

Report Date: 18-Sep-2012 15:07:51 Chrom Revision: 2.1 16-Sep-2012 09:37:06

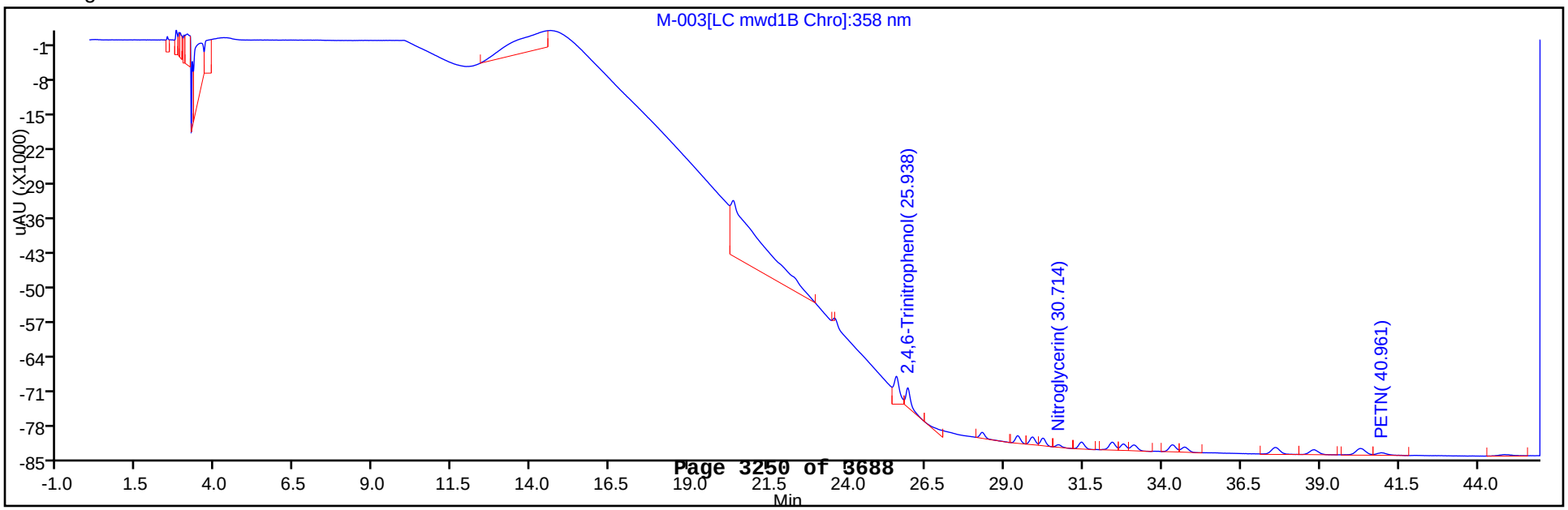
TestAmerica West Sacramento

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

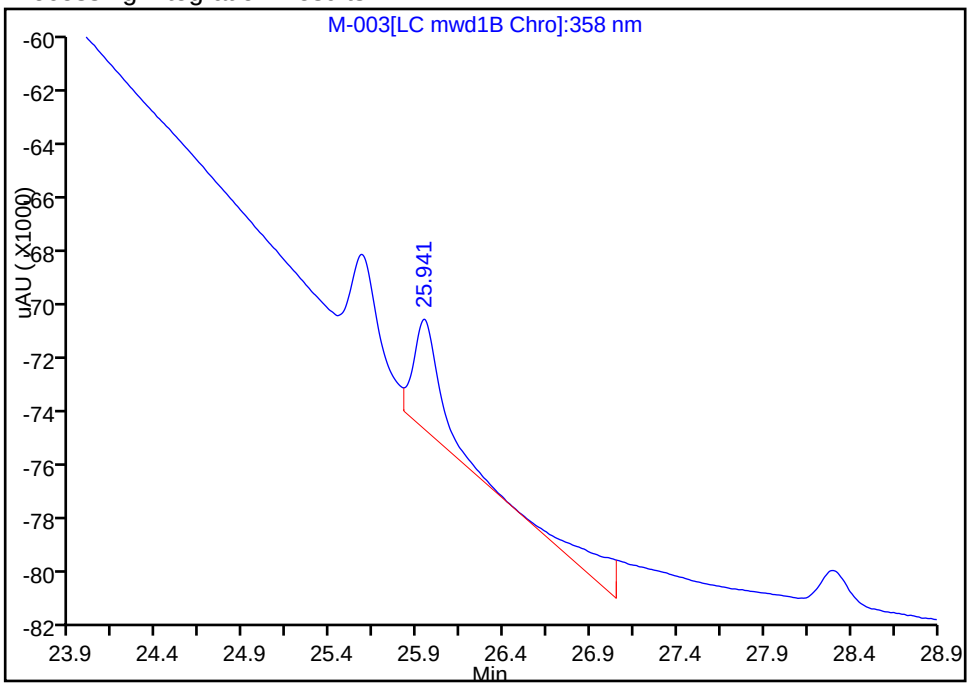
TestAmerica West Sacramento

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

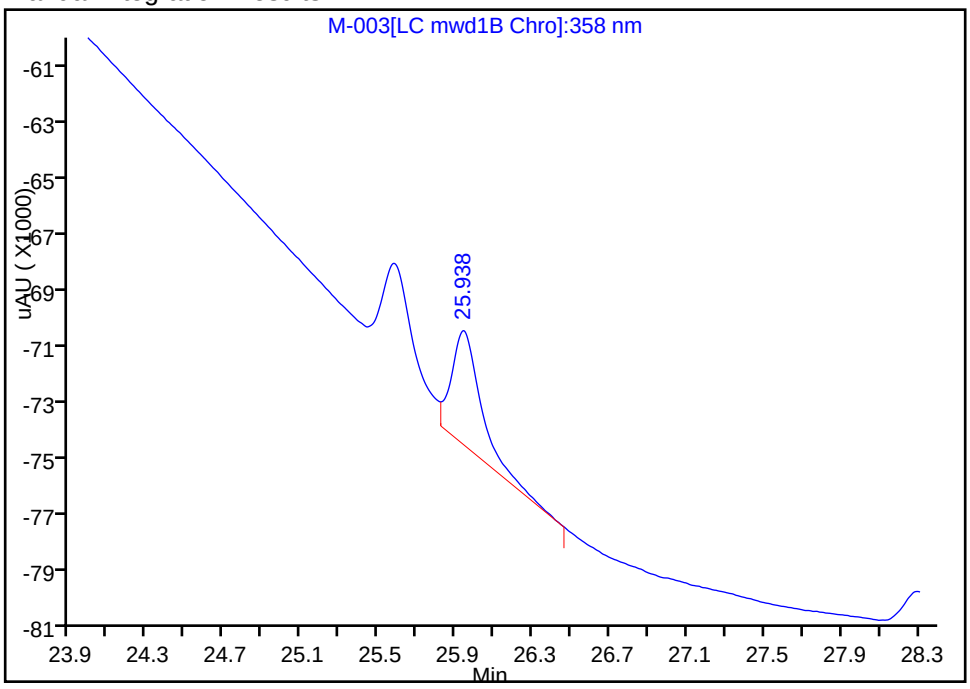
Processing Integration Results

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

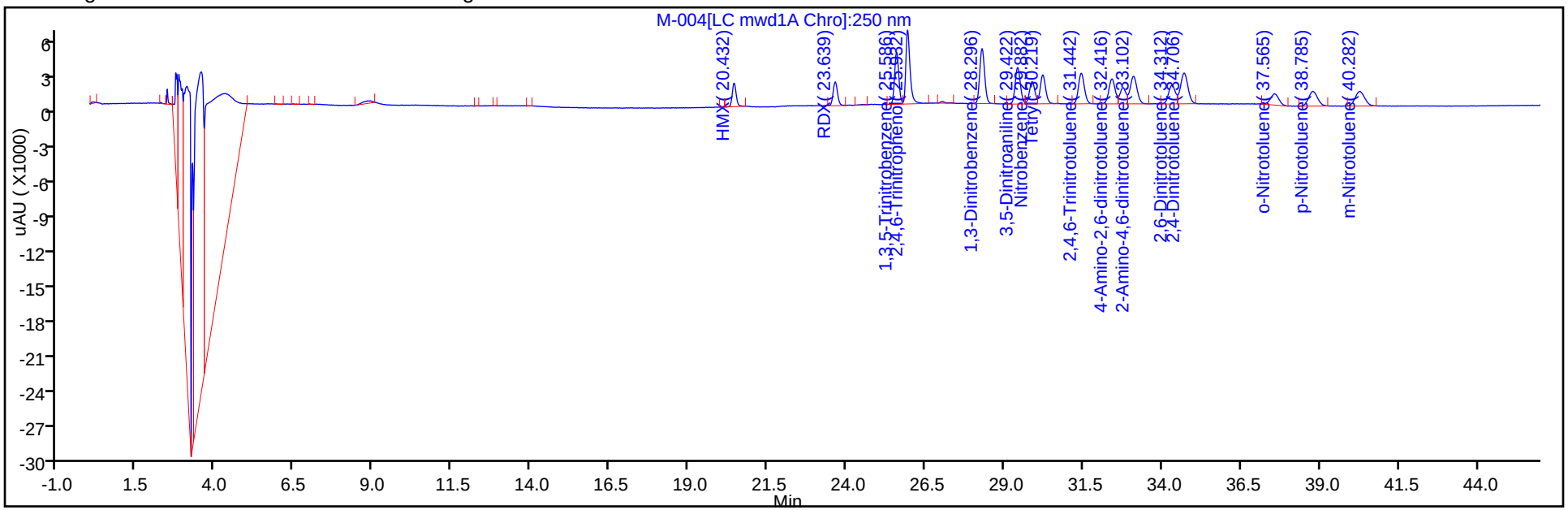
Review Flags
M - Manually Integrated

Report Date: 18-Sep-2012 15:08:39 Chrom Revision: 2.1 16-Sep-2012 09:37:06

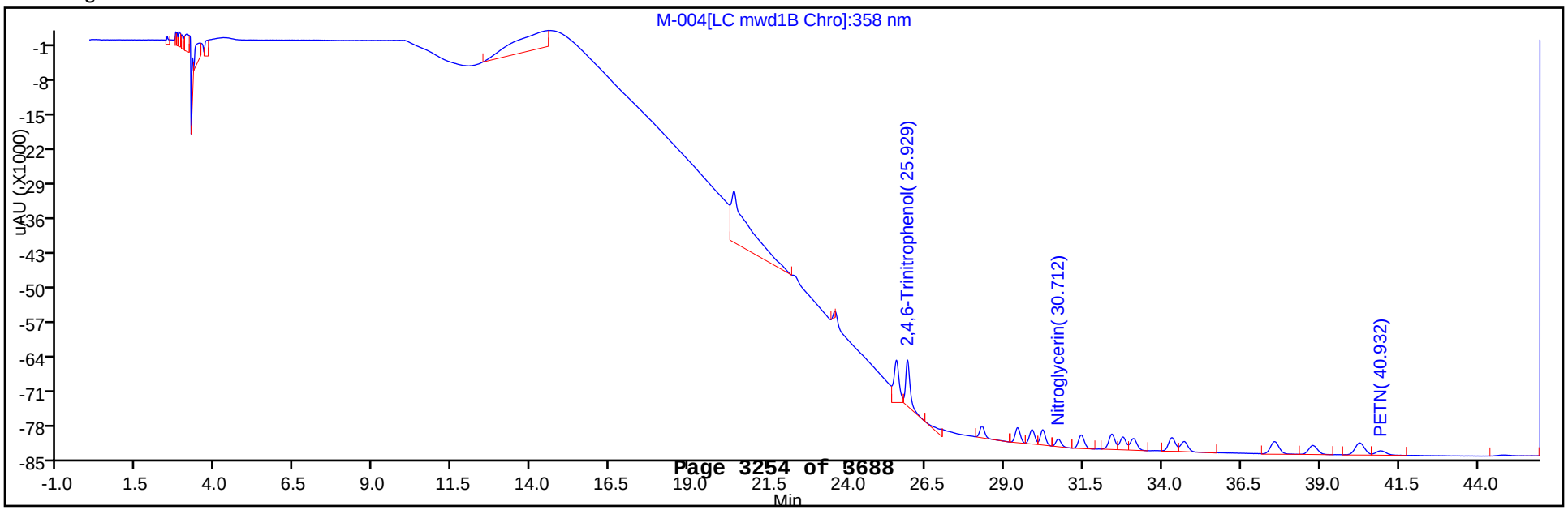
TestAmerica West Sacramento

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

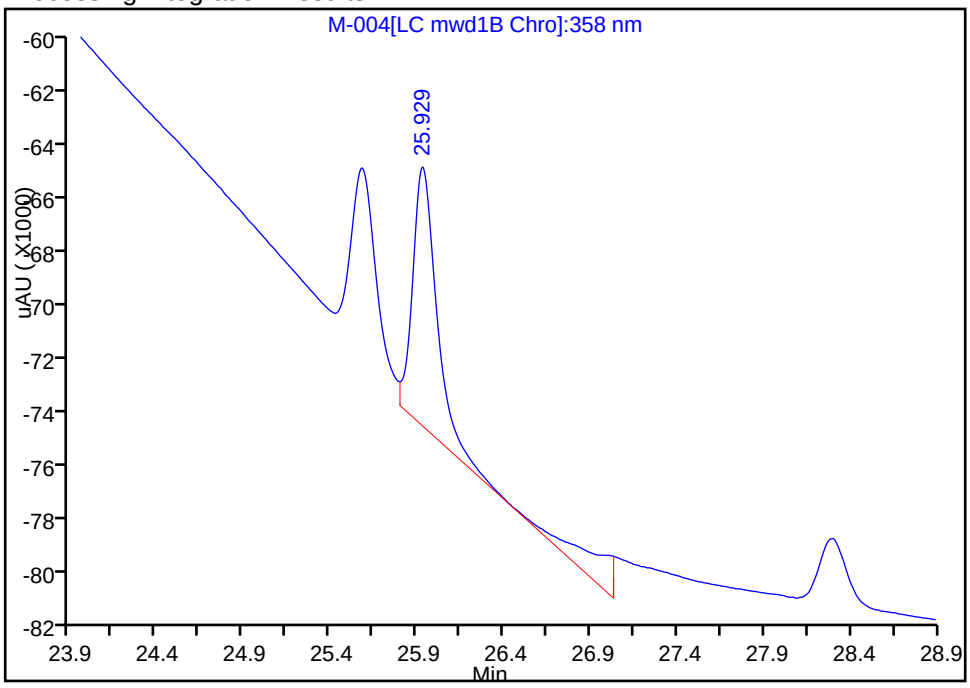
TestAmerica West Sacramento

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

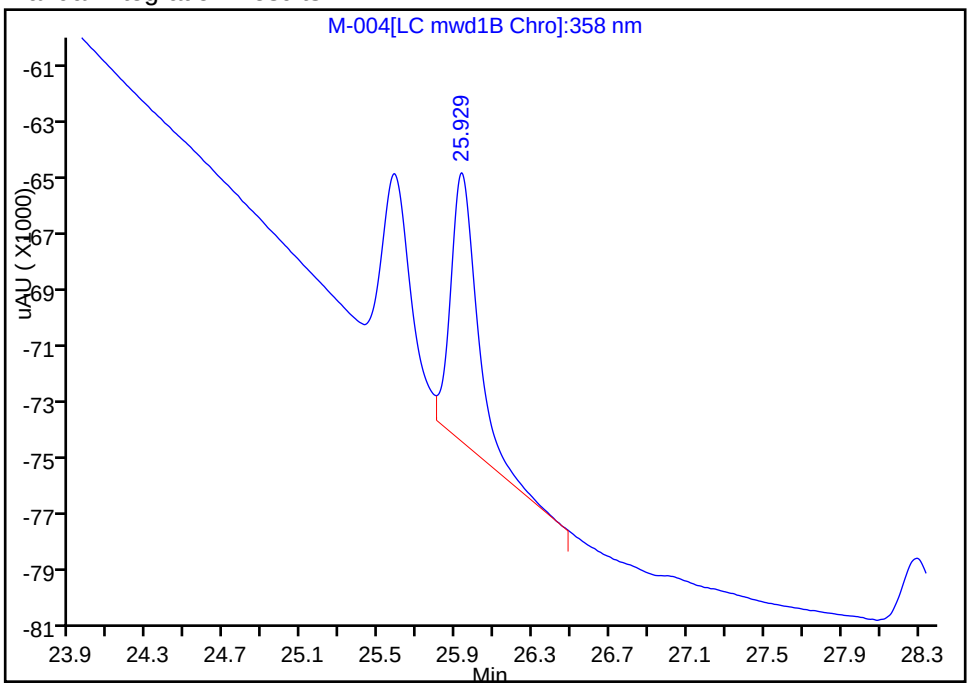
Processing Integration Results

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

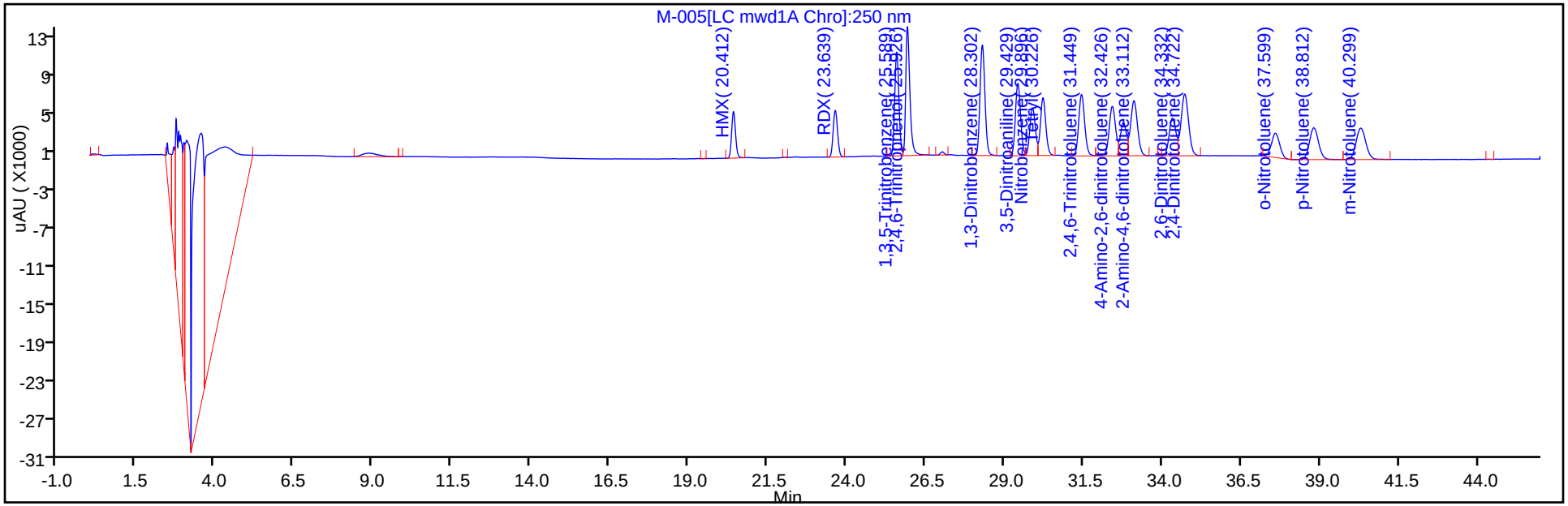
Review Flags
M - Manually Integrated

Report Date: 18-Sep-2012 15:07:52 Chrom Revision: 2.1 16-Sep-2012 09:37:06

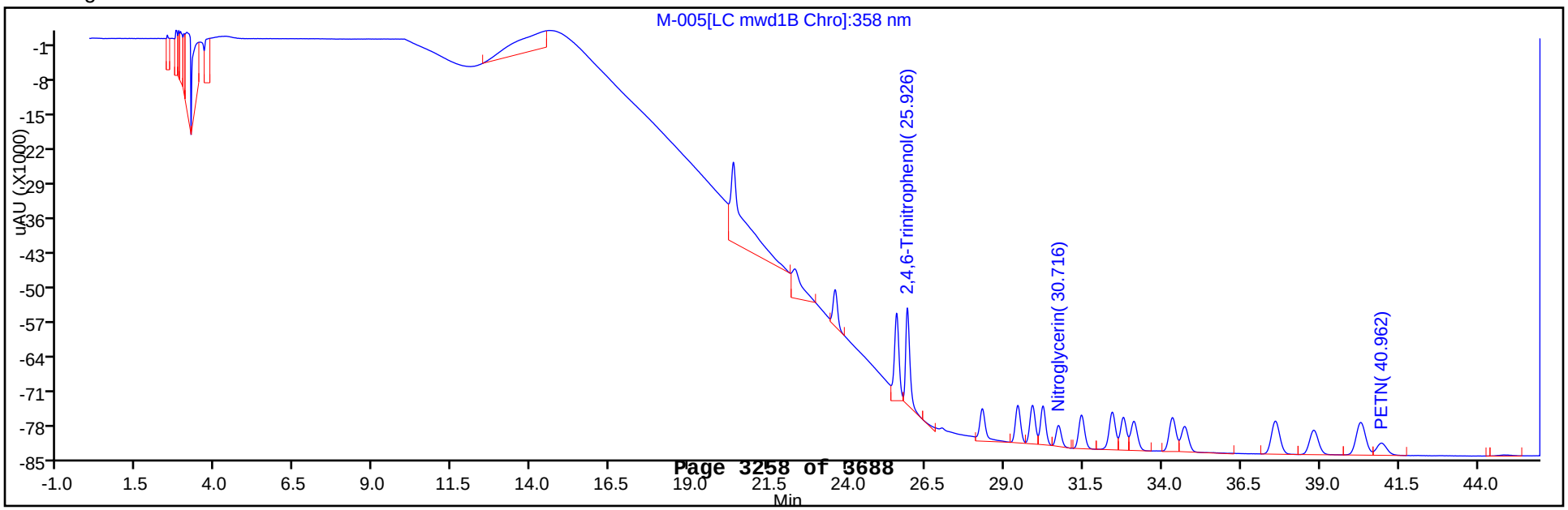
TestAmerica West Sacramento

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

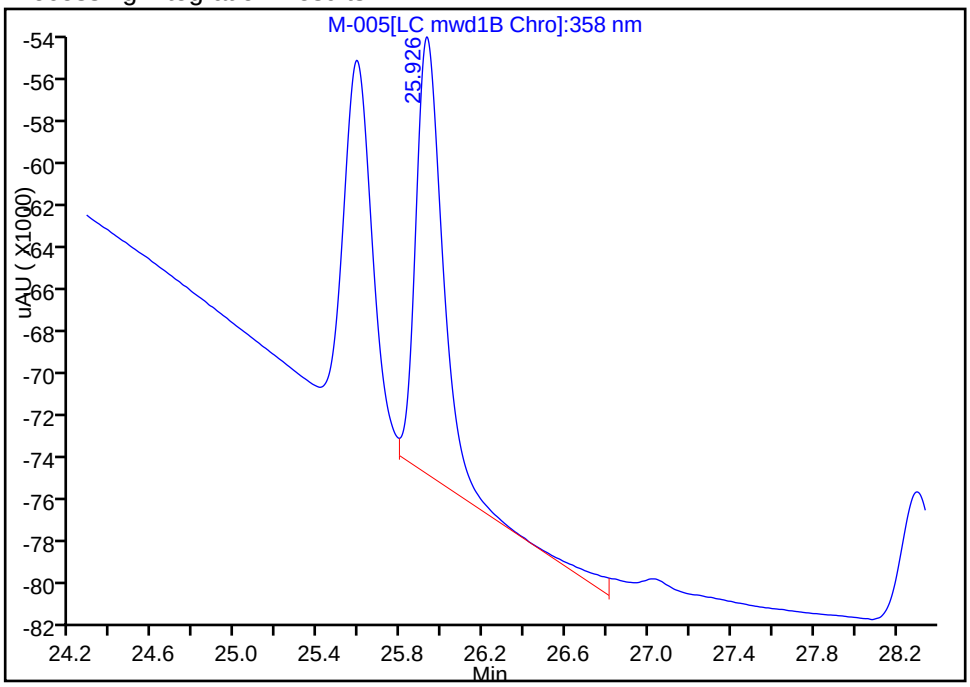
TestAmerica West Sacramento

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

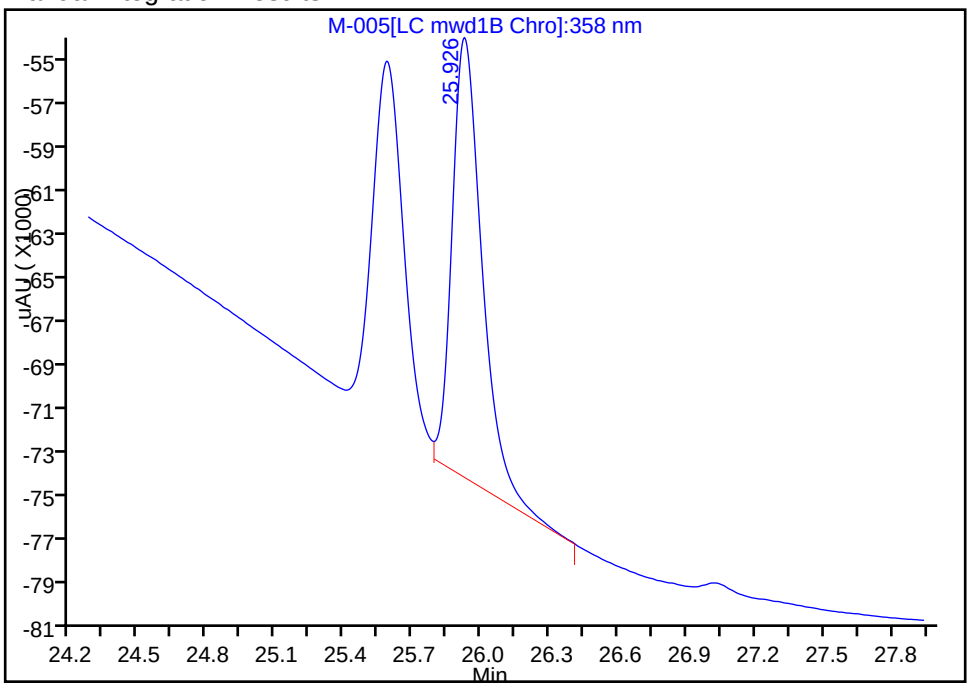
Processing Integration Results

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	

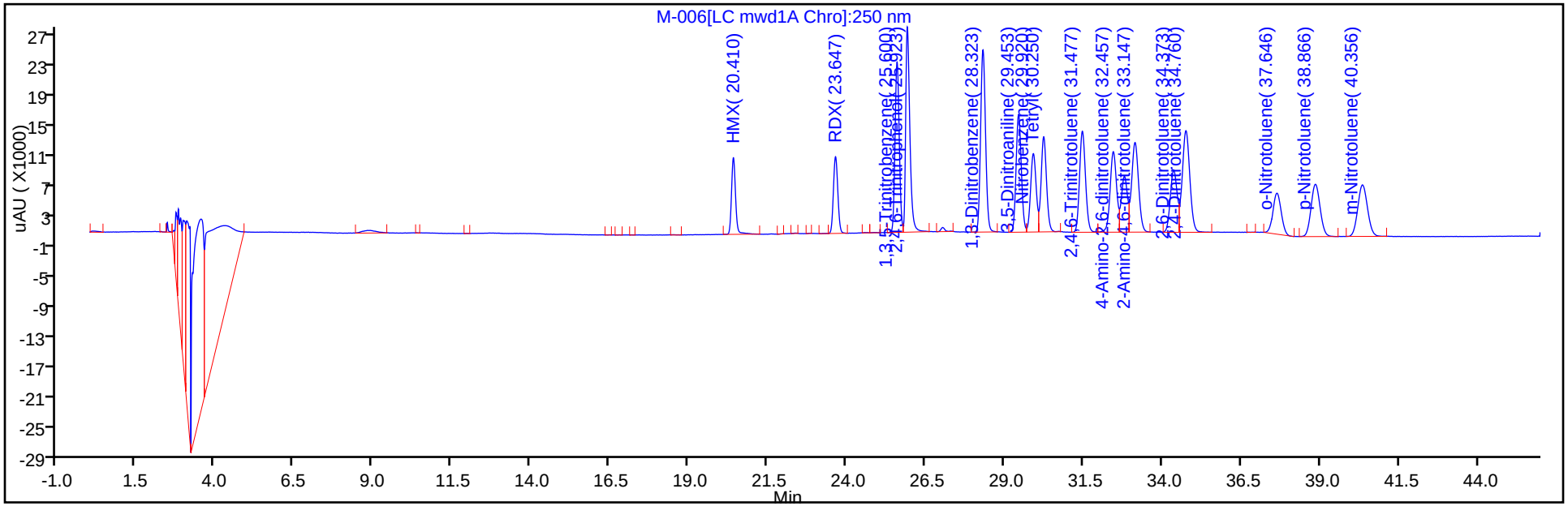
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
12 2,6-Dinitrotoluene						
1	34.373	34.373	0.0	8144	102.2	
23 2,4-Dinitrotoluene						
1	34.760	34.760	0.0	13349	102.3	
16 o-Nitrotoluene						
1	37.646	37.646	0.0	5385	103.9	
15 p-Nitrotoluene						
1	38.866	38.866	0.0	6869	103.4	
8 m-Nitrotoluene						
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

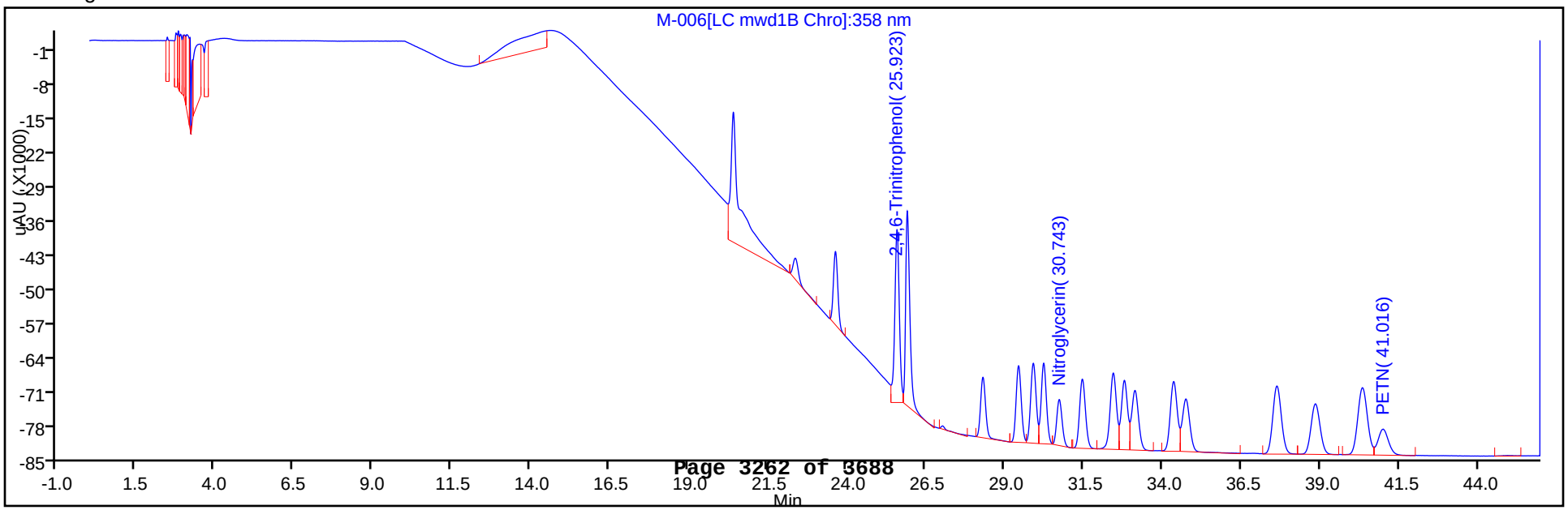
TestAmerica West Sacramento

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	

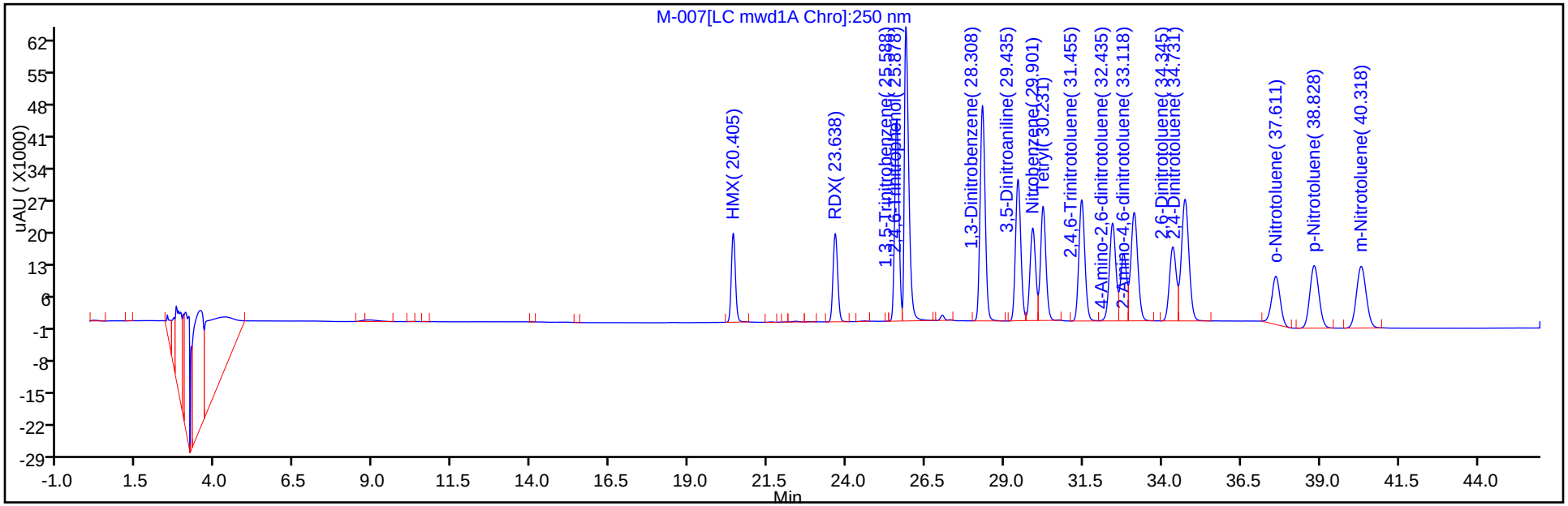
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
12 2,6-Dinitrotoluene						
1	34.345	34.373	-0.028	16155	202.7	
23 2,4-Dinitrotoluene						
1	34.731	34.760	-0.029	26536	203.3	
16 o-Nitrotoluene						
1	37.611	37.646	-0.035	10507	202.8	
15 p-Nitrotoluene						
1	38.828	38.866	-0.038	13630	205.2	
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

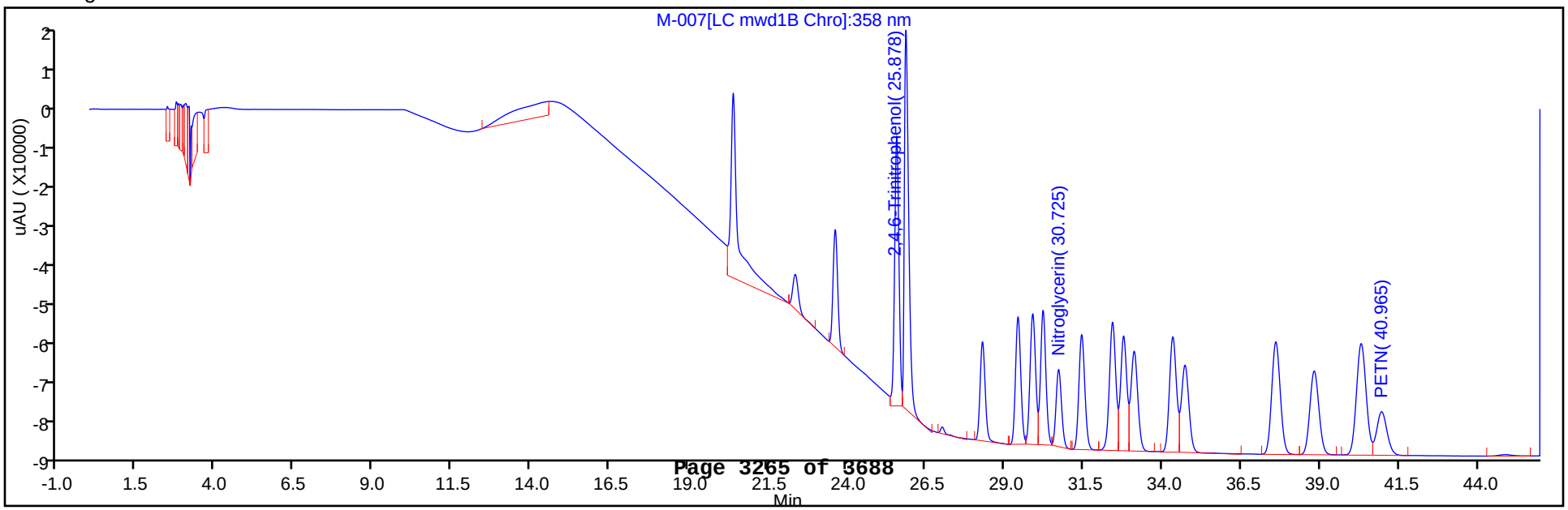
TestAmerica West Sacramento

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	

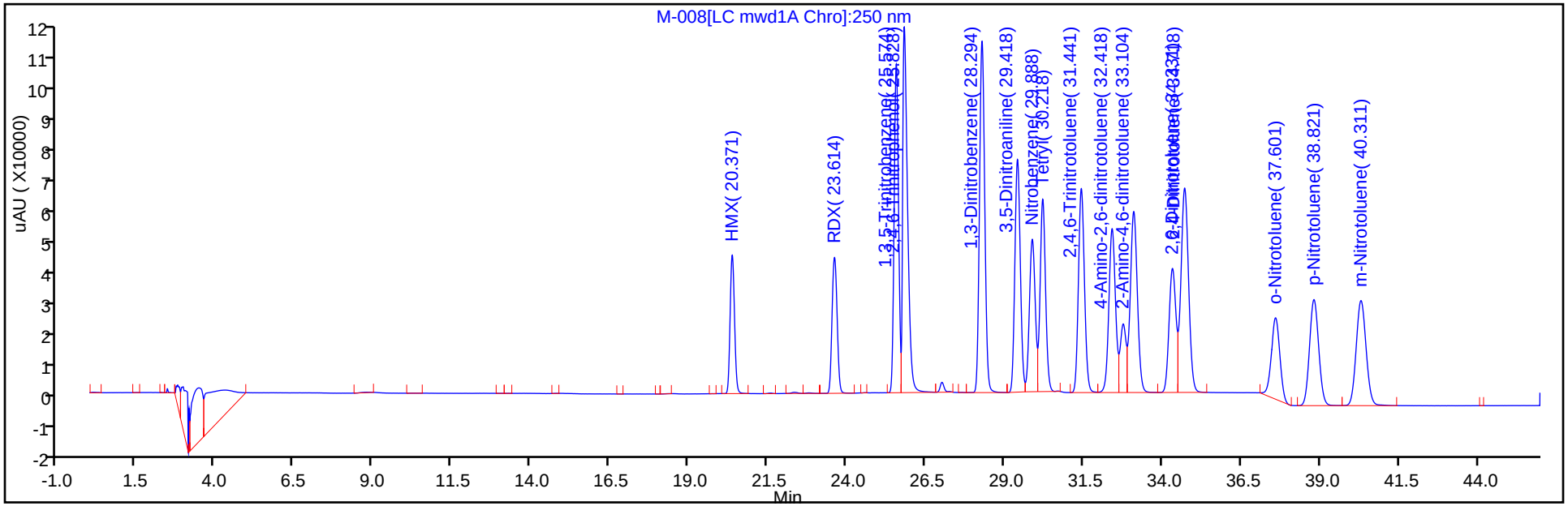
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
12 2,6-Dinitrotoluene						
1	34.331	34.373	-0.042	39632	497.3	
23 2,4-Dinitrotoluene						
1	34.718	34.760	-0.042	65308	500.3	
16 o-Nitrotoluene						
1	37.601	37.646	-0.045	26010	502.0	
15 p-Nitrotoluene						
1	38.821	38.866	-0.045	33897	510.4	
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

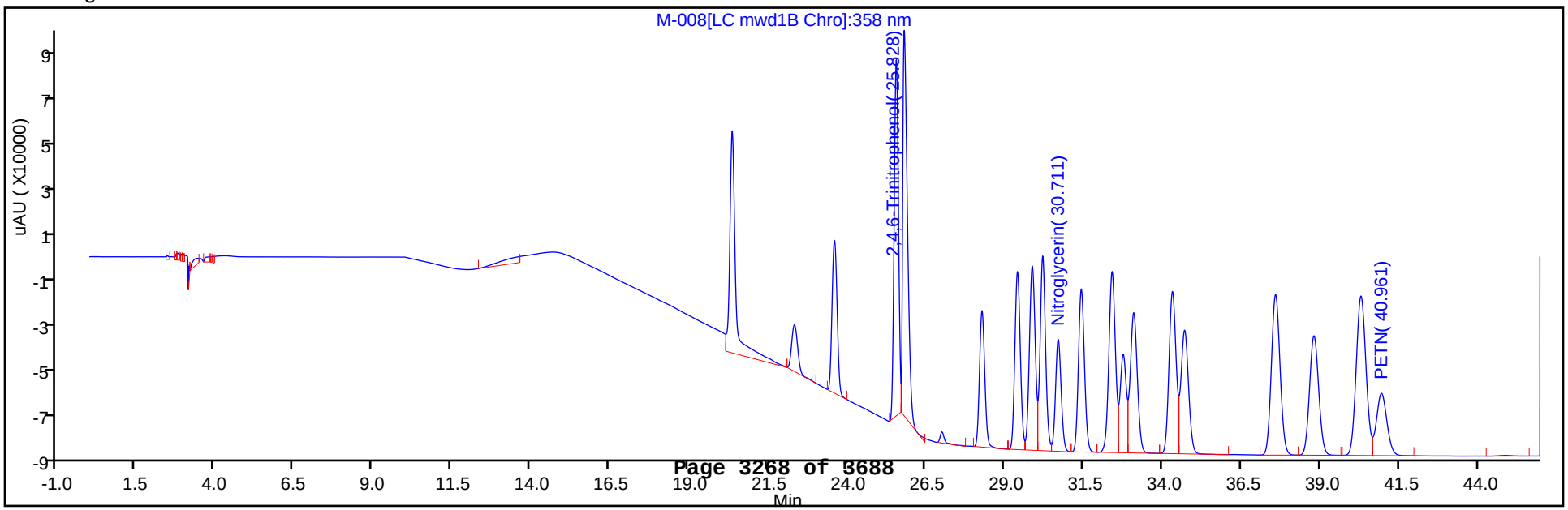
TestAmerica West Sacramento

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

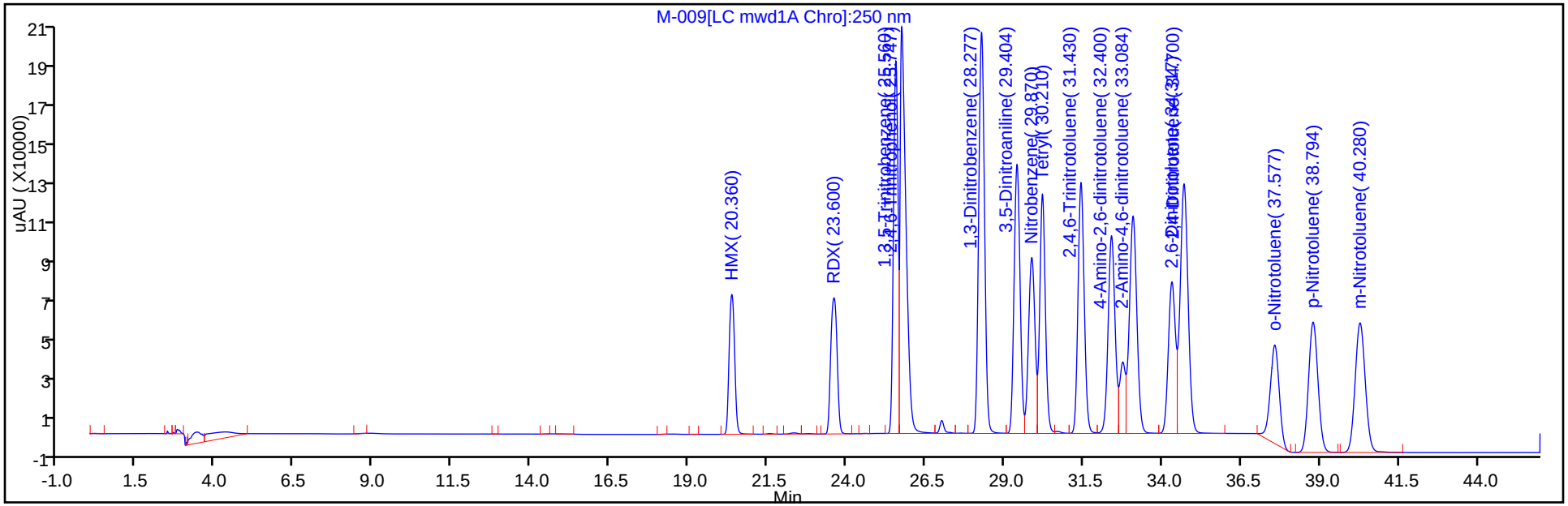
Review Flags
M - Manually Integrated

Report Date: 18-Sep-2012 15:07:55 Chrom Revision: 2.1 16-Sep-2012 09:37:06

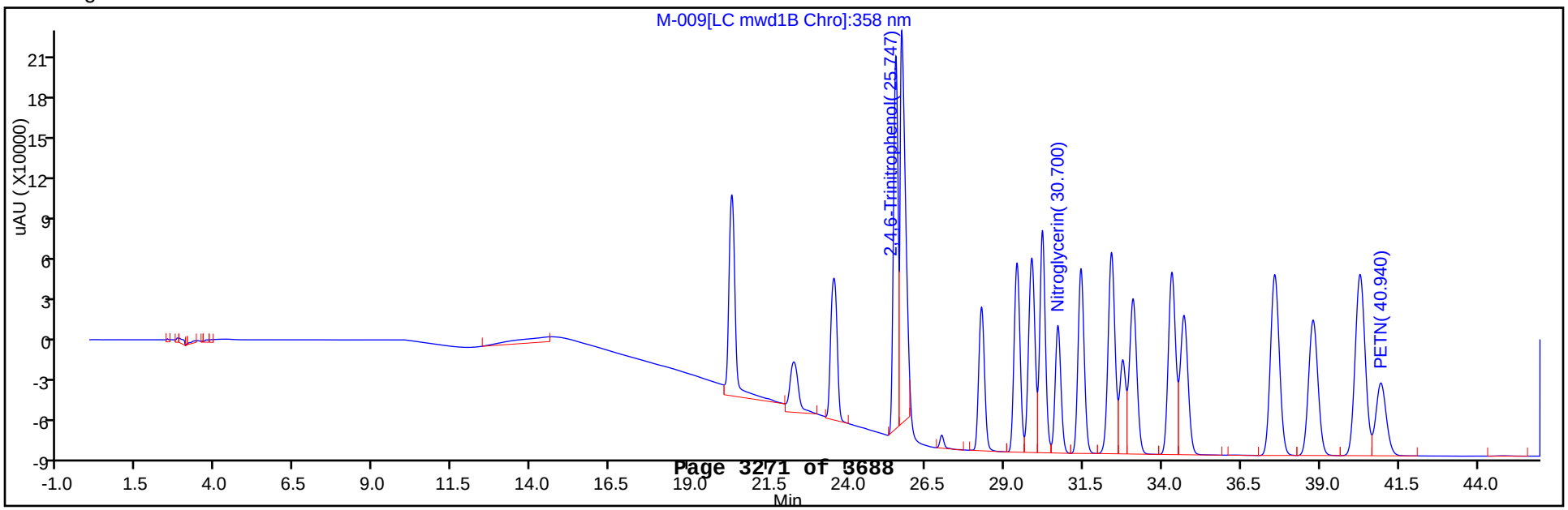
TestAmerica West Sacramento

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:	

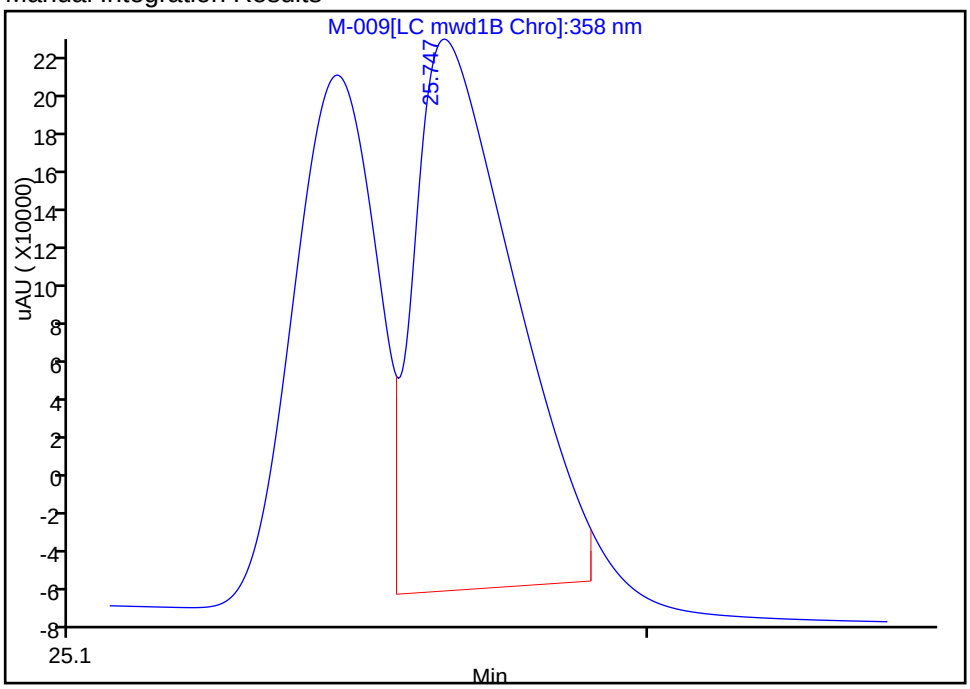
10 2,4,6-Trinitrophenol, Signal: 1, Type: quant, RT: 25.92, Det: LC mwd1B

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.: 240-22804-1 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.: 240-22804-1 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.: 240-22804-1 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.: 240-22804-1 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.: 240-22804-1 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	

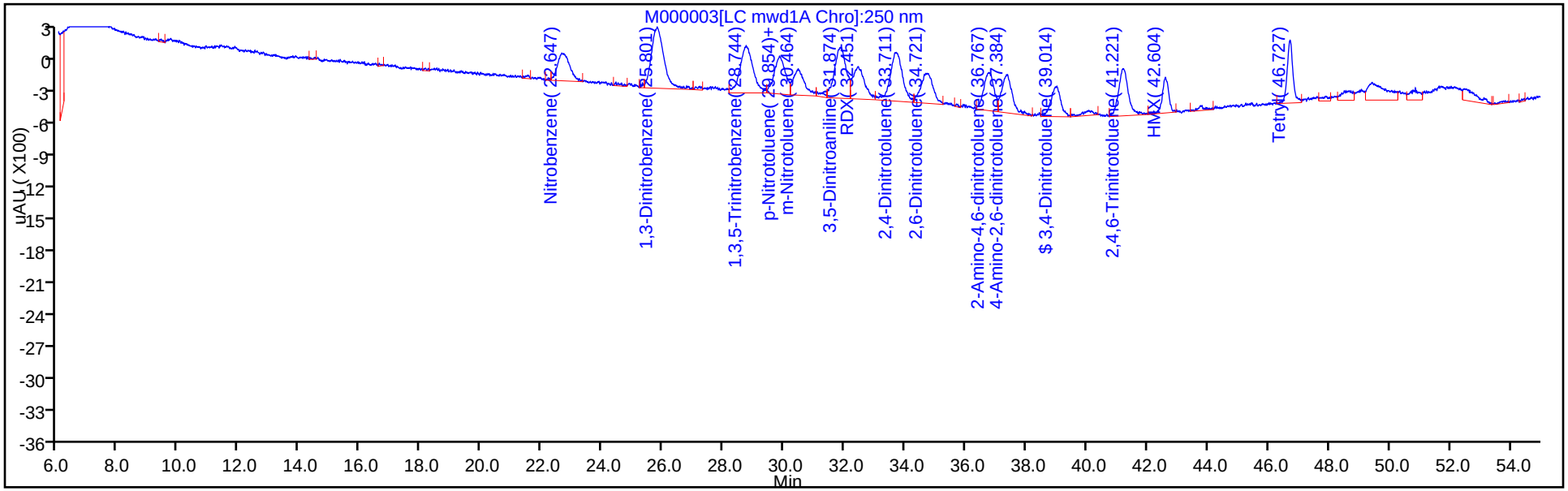
Report Date: 14-Feb-2013 07:52:14 Chrom Revision: 2.1 23-Jan-2013 14:30:26

TestAmerica Sacramento

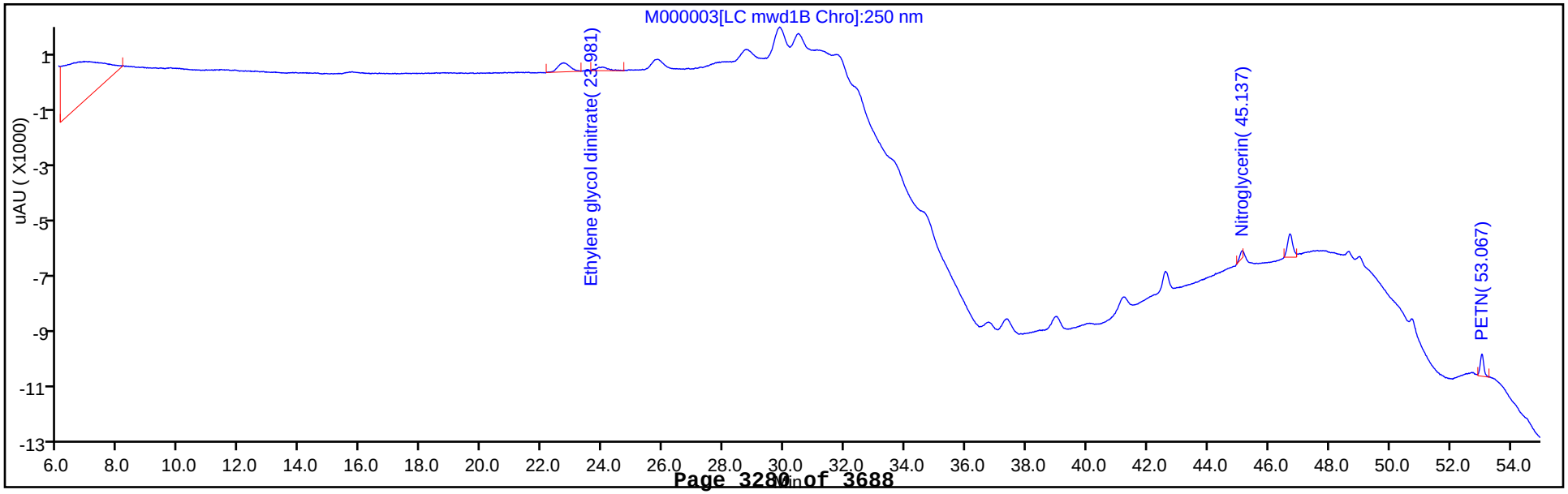
Data File: \\SACChrom\ChromData\LC12\20130213-2792.b\M000003.D

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	

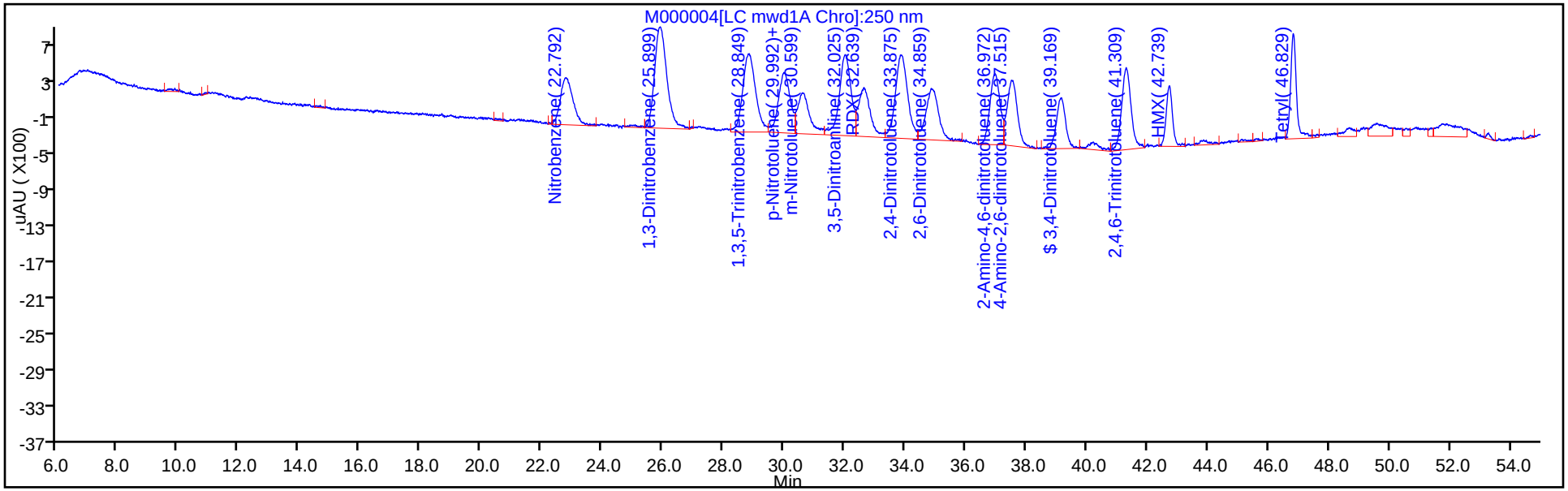
Report Date: 14-Feb-2013 07:52:15 Chrom Revision: 2.1 23-Jan-2013 14:30:26

TestAmerica Sacramento

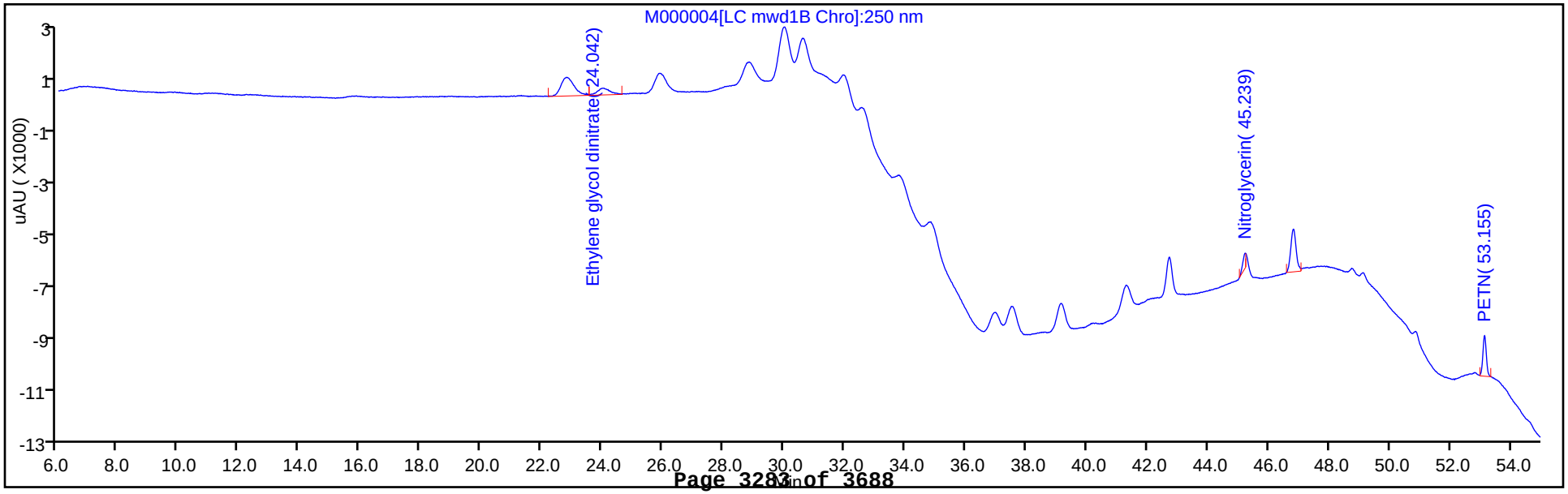
Data File: \\SACChrom\ChromData\LC12\20130213-2792.b\M000004.D

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	

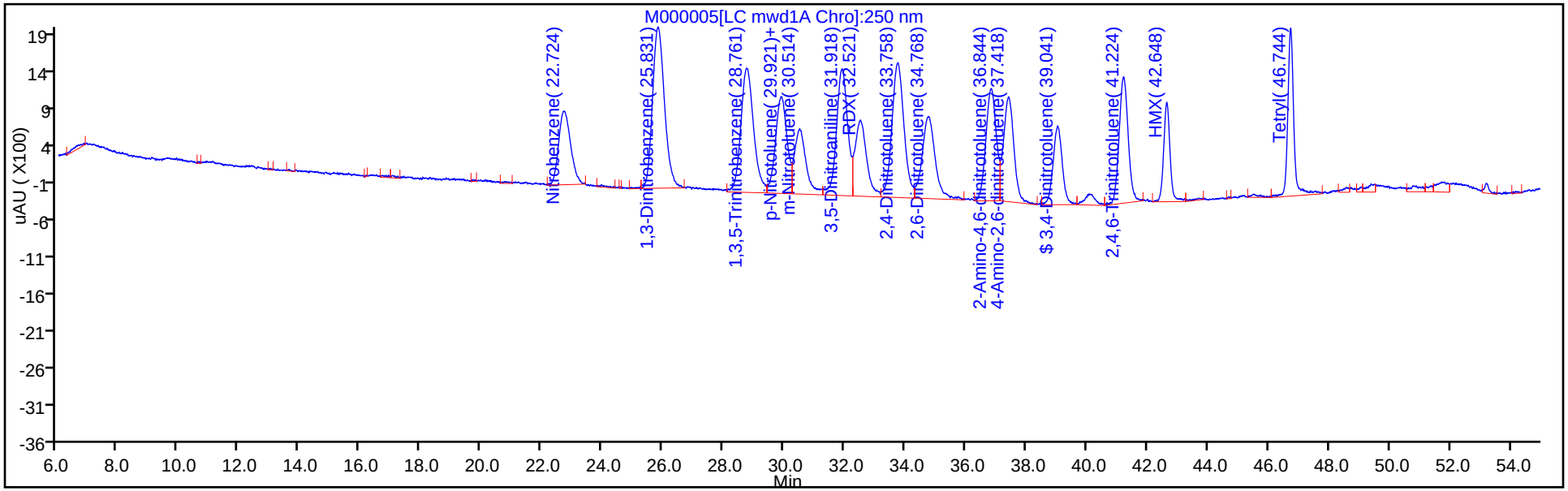
Report Date: 14-Feb-2013 07:52:16 Chrom Revision: 2.1 23-Jan-2013 14:30:26

TestAmerica Sacramento

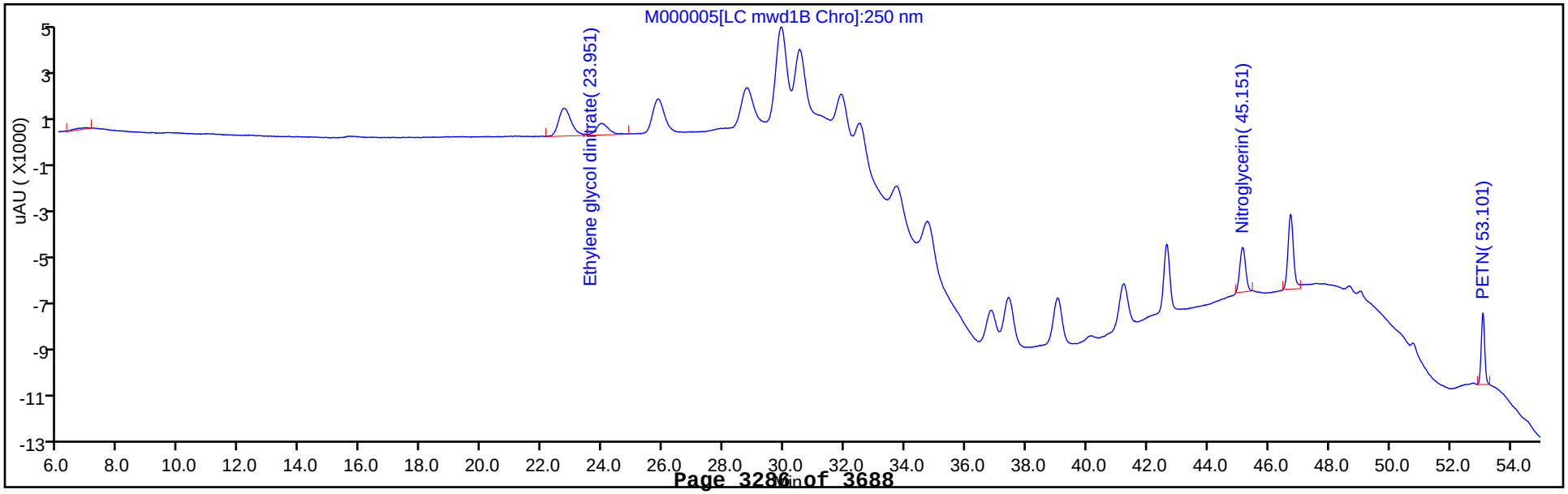
Data File: \\SACChrom\ChromData\LC12\20130213-2792.b\M000005.D

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	

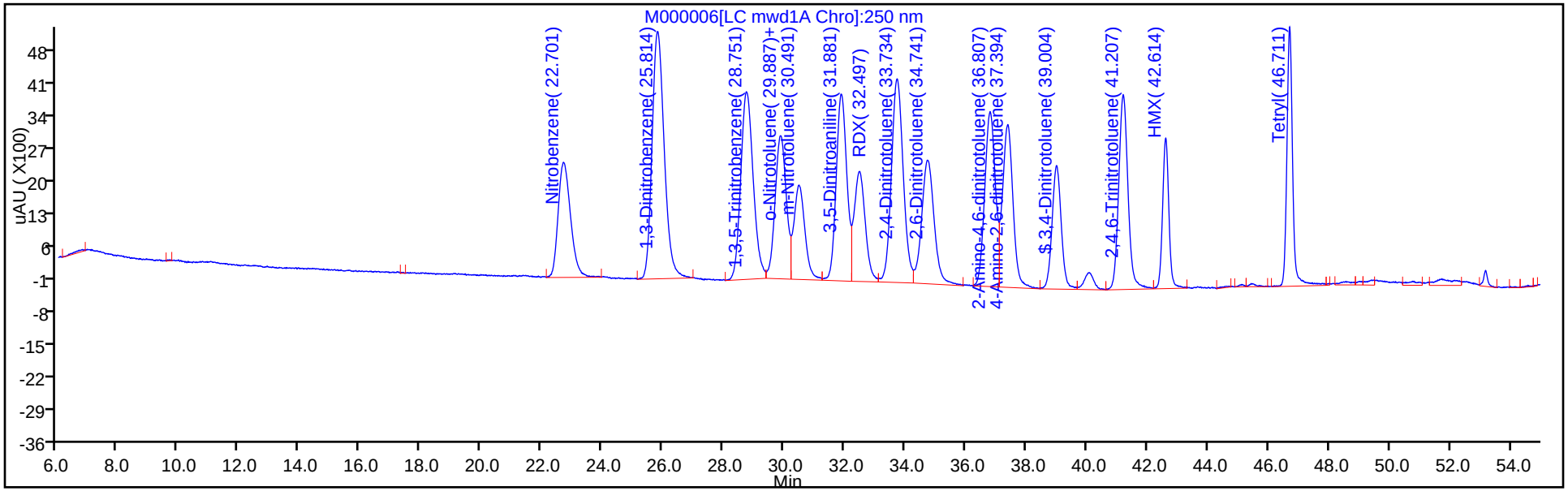
Report Date: 14-Feb-2013 07:52:16 Chrom Revision: 2.1 23-Jan-2013 14:30:26

TestAmerica Sacramento

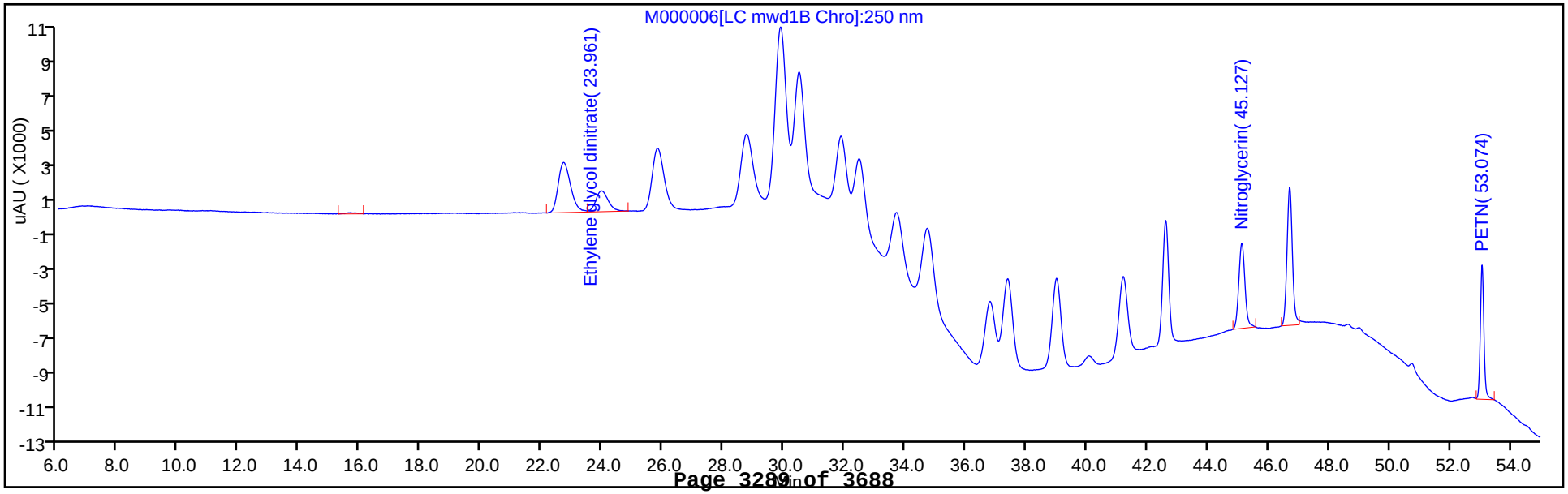
Data File: \\SACChrom\ChromData\LC12\20130213-2792.b\M000006.D

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	

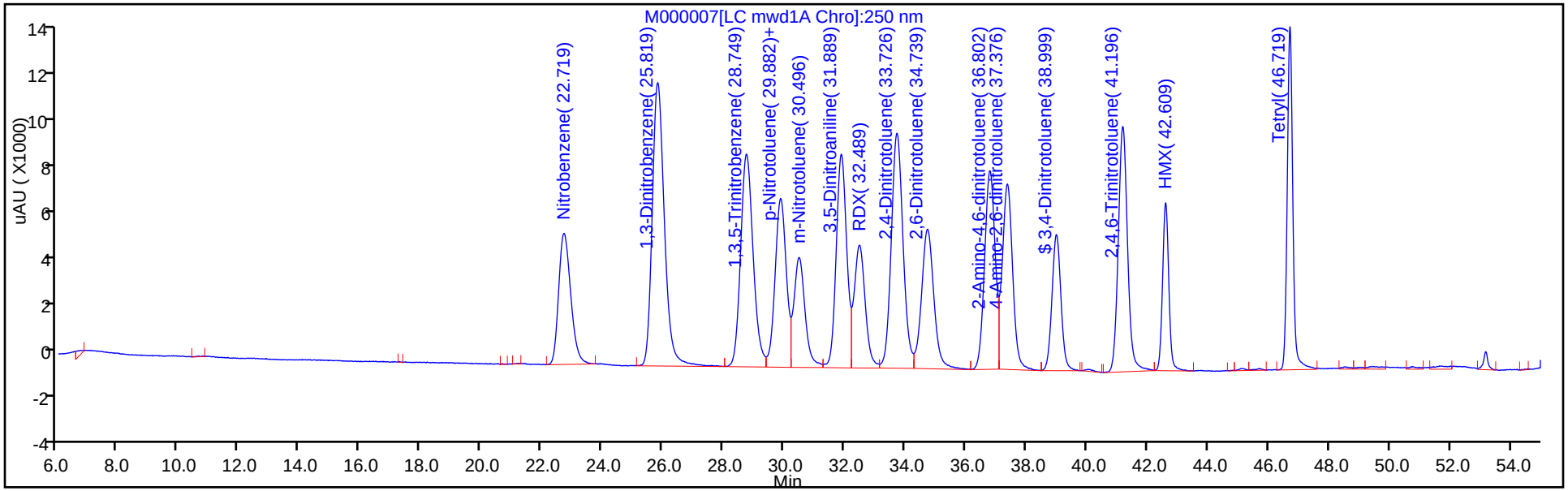
Report Date: 14-Feb-2013 07:52:17 Chrom Revision: 2.1 23-Jan-2013 14:30:26

TestAmerica Sacramento

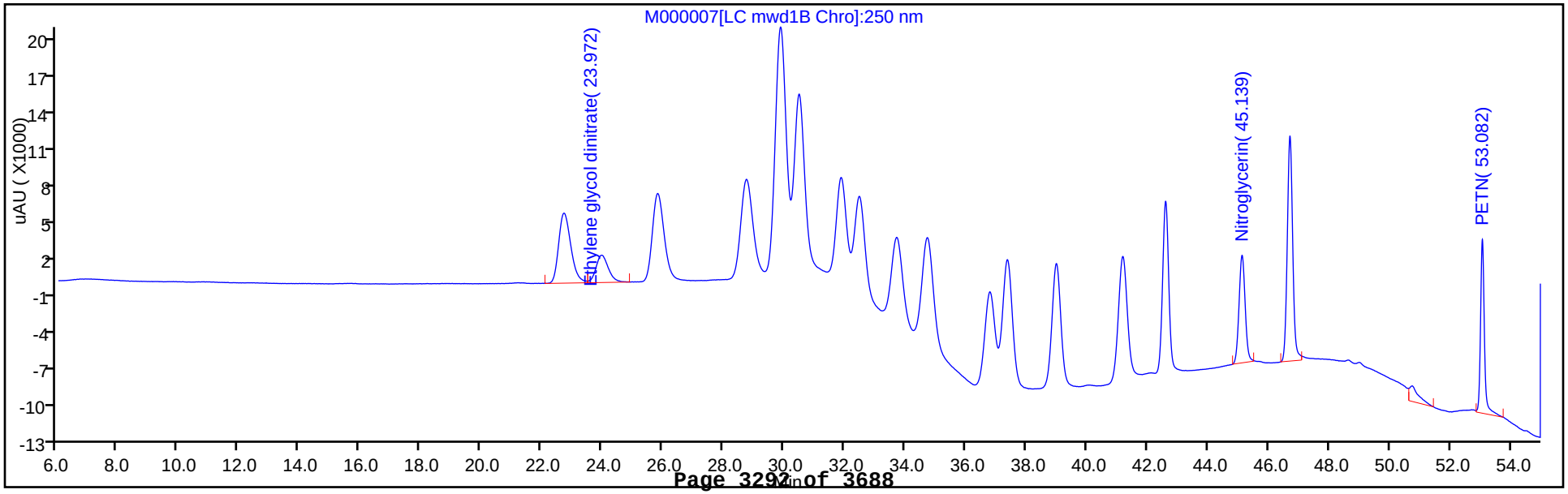
Data File: \\SACChrom\ChromData\LC12\20130213-2792.b\M000007.D

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	

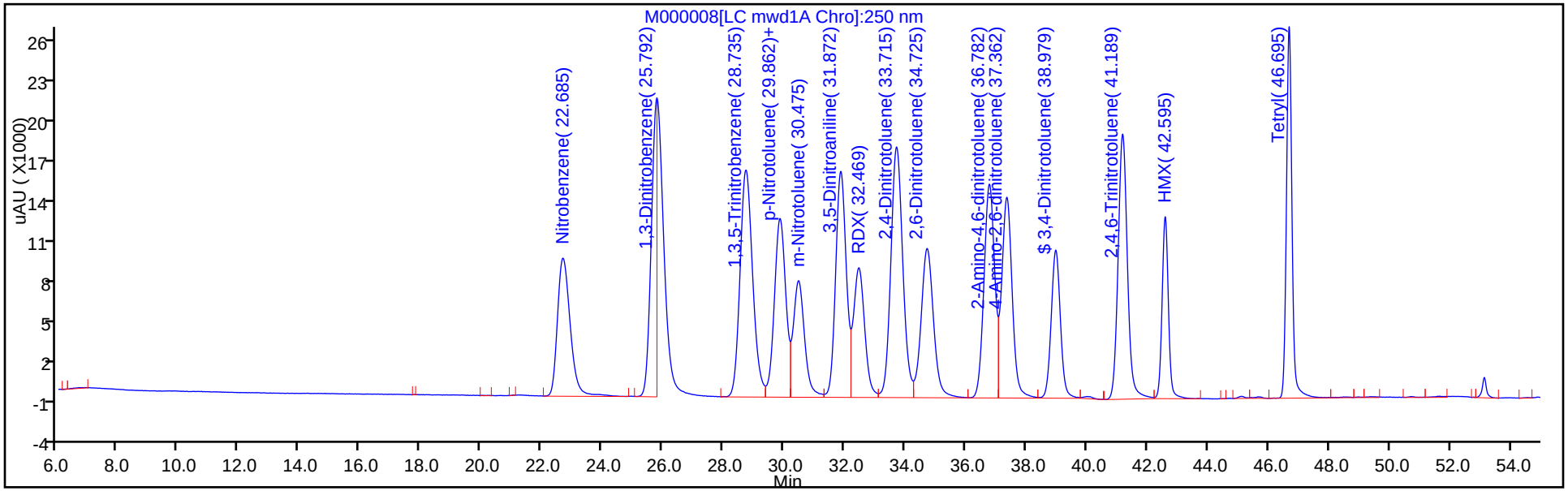
Report Date: 14-Feb-2013 07:52:18 Chrom Revision: 2.1 23-Jan-2013 14:30:26

TestAmerica Sacramento

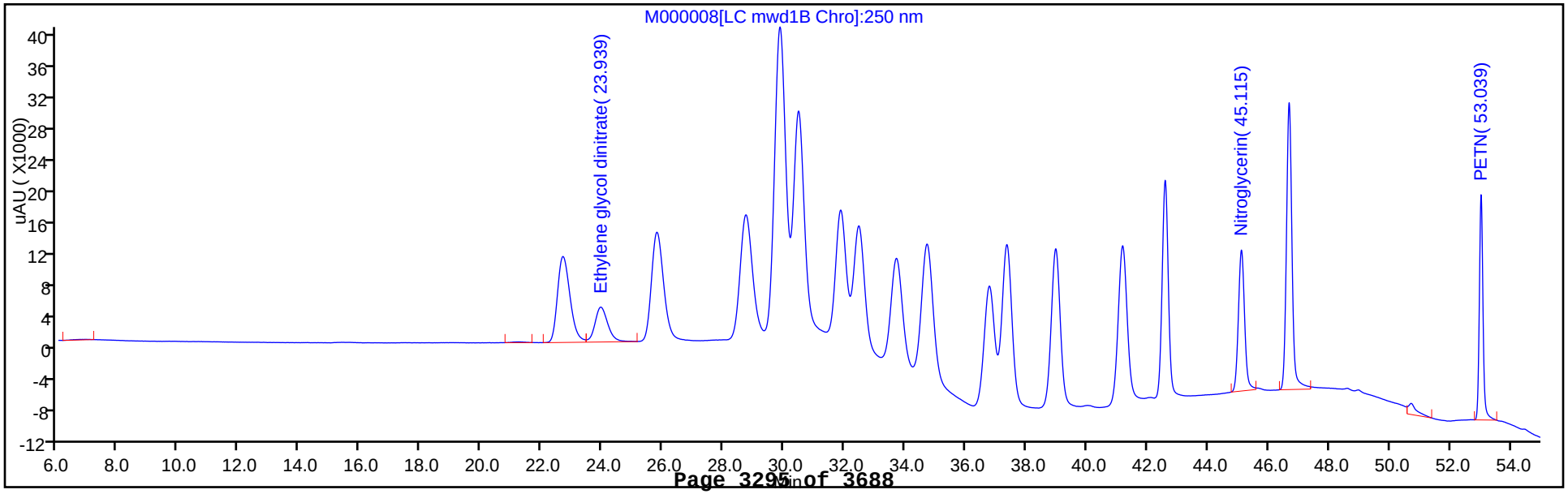
Data File: \\SACChrom\ChromData\LC12\20130213-2792.b\M000008.D

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	

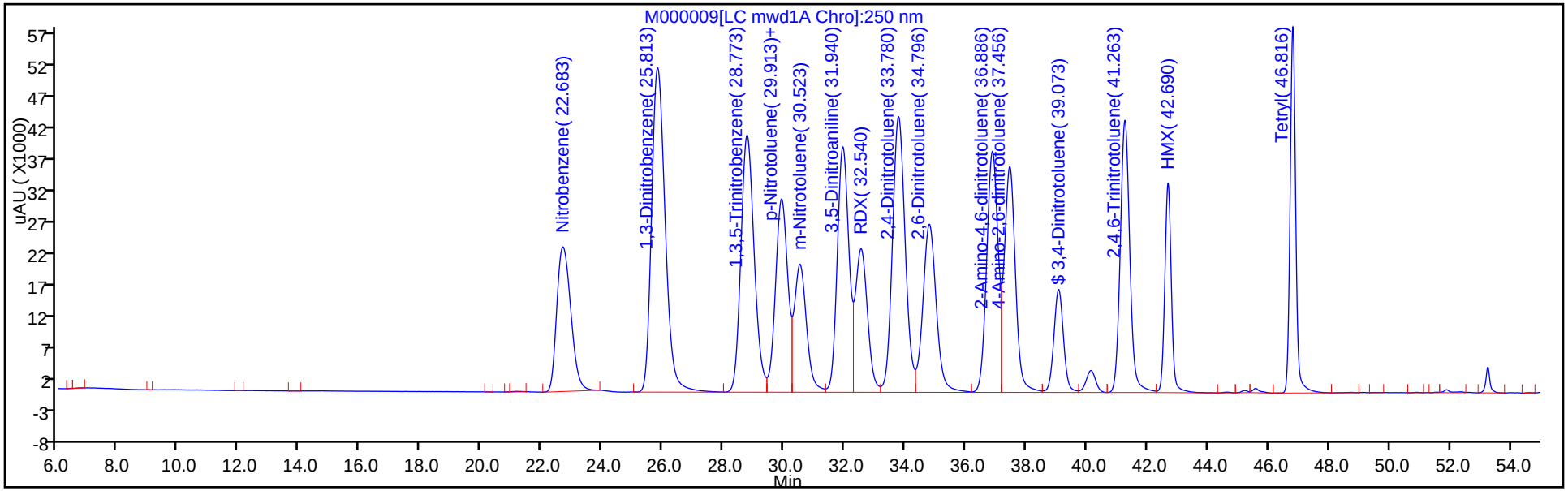
Report Date: 14-Feb-2013 07:52:19 Chrom Revision: 2.1 23-Jan-2013 14:30:26

TestAmerica Sacramento

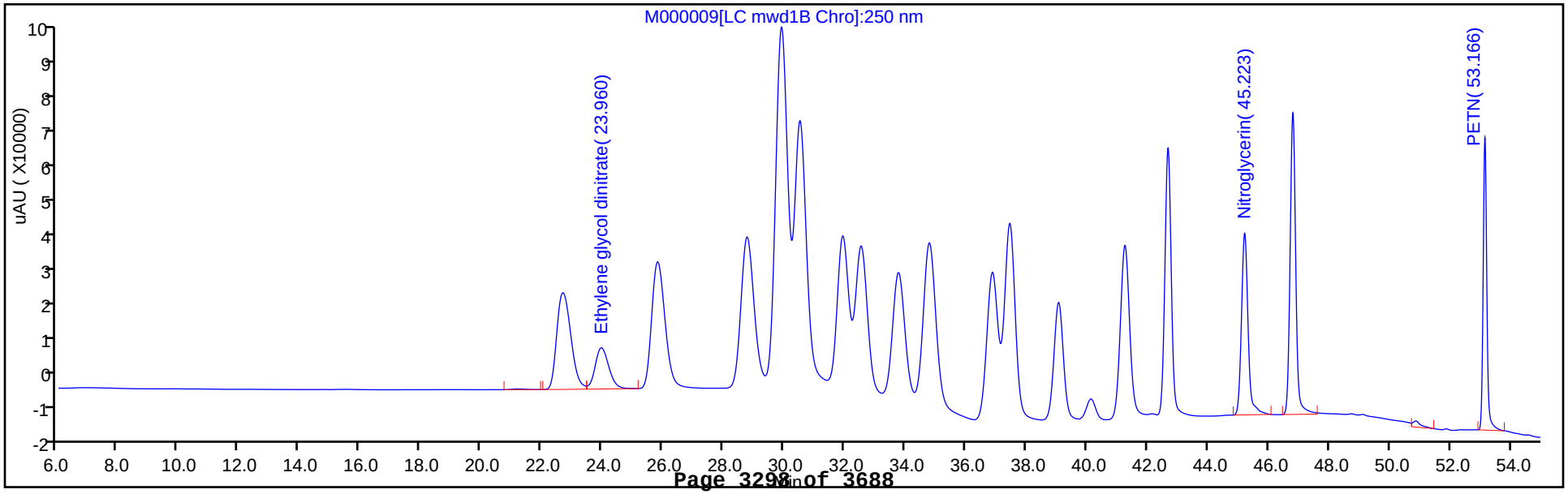
Data File: \\SACChrom\ChromData\LC12\20130213-2792.b\M000009.D

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	

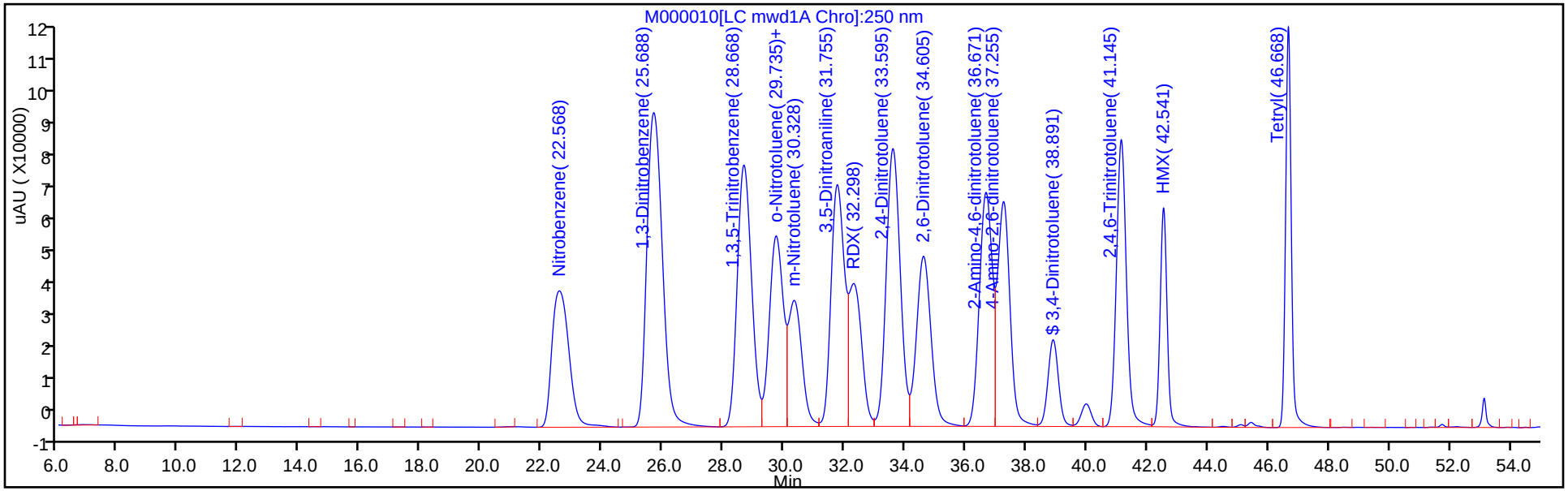
Report Date: 14-Feb-2013 07:52:20 Chrom Revision: 2.1 23-Jan-2013 14:30:26

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:



Y Scaling: