FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22663-1

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

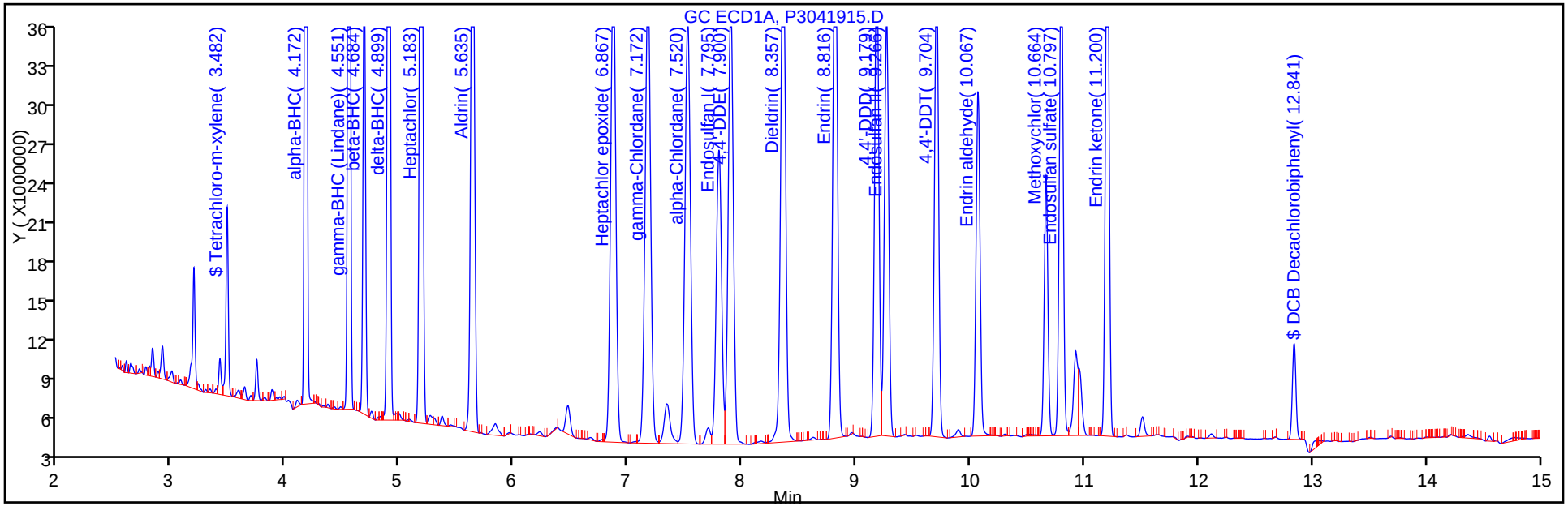
Report Date: 20-Apr-2013 07:39:41 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

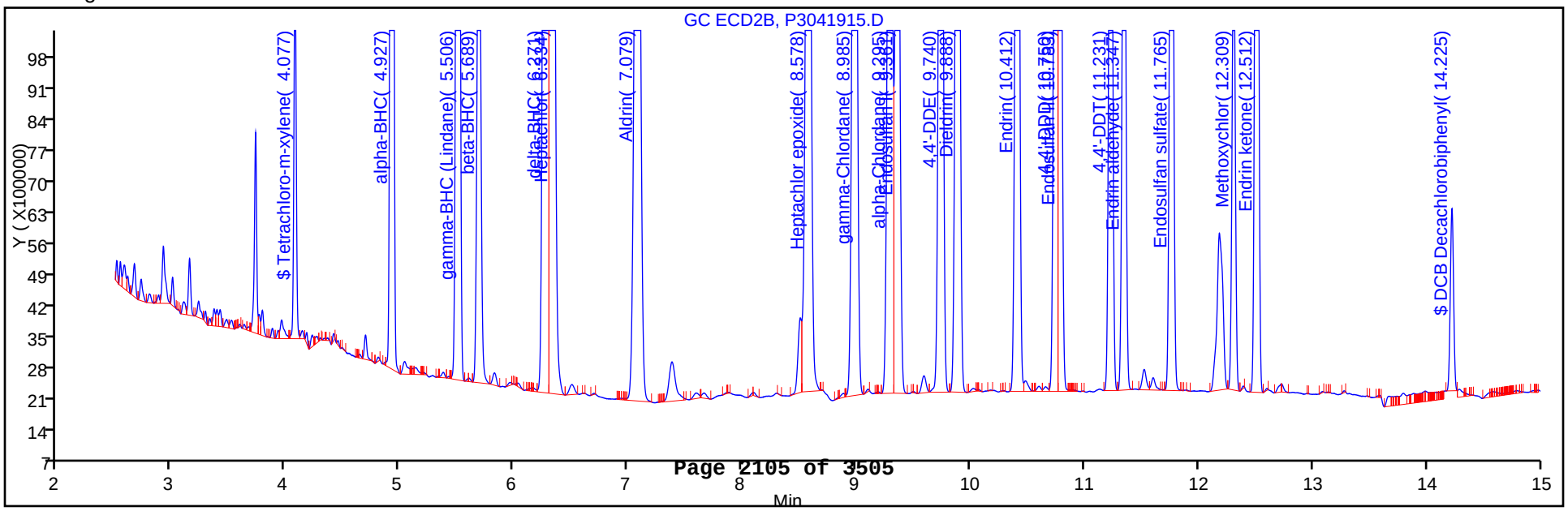
Data File: \\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041915.D

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.: 240-22663-1

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

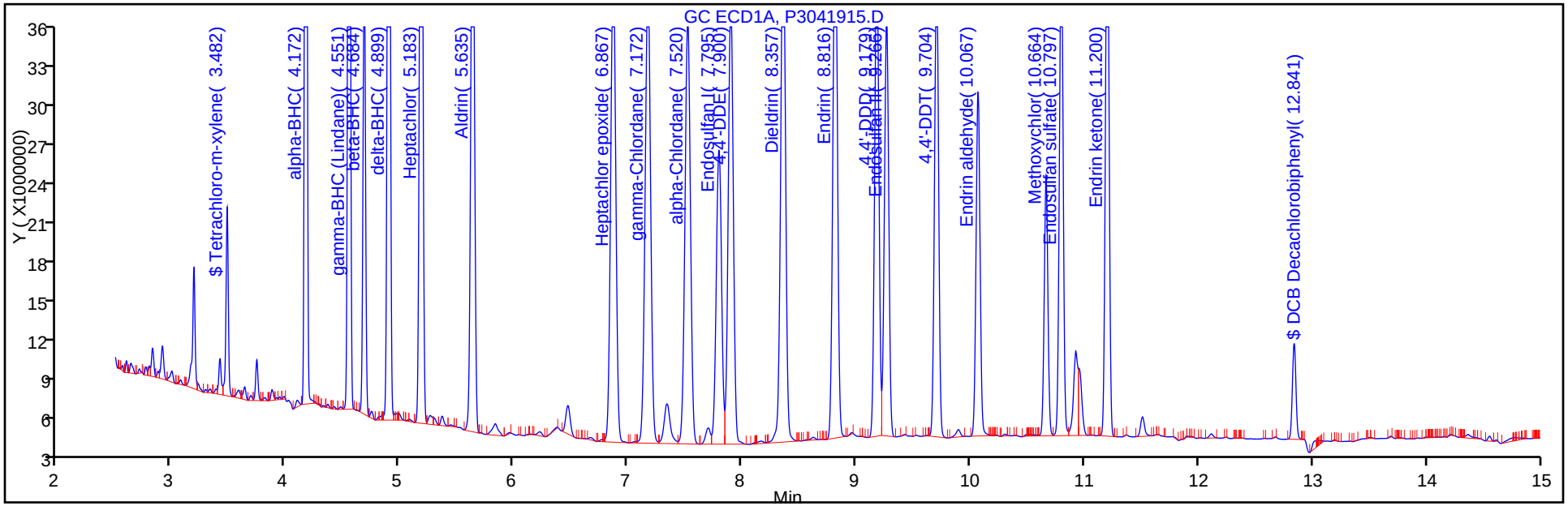
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TestAmerica Canton

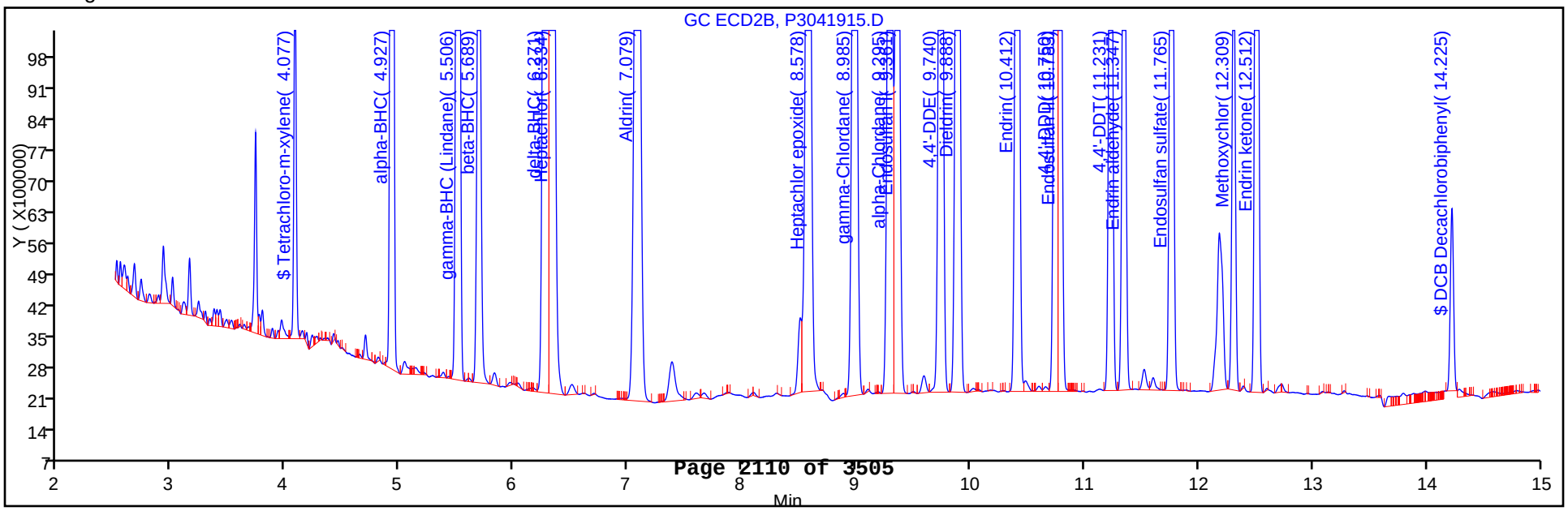
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Injection Date:	19-Apr-2013 15:37:30	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82685	Lims Sample ID:	15
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Report Date: 20-Apr-2013 07:39:41 Chrom Revision: 2.0 01-Apr-2013 21:16:10

Manual Integration/User Assign Peak Report

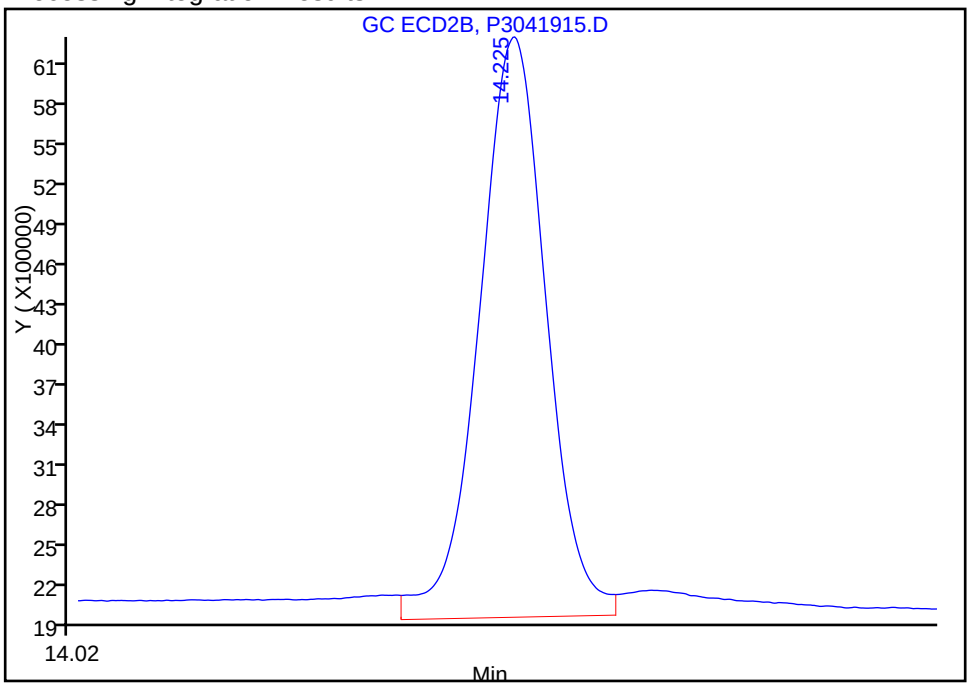
TestAmerica Canton

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

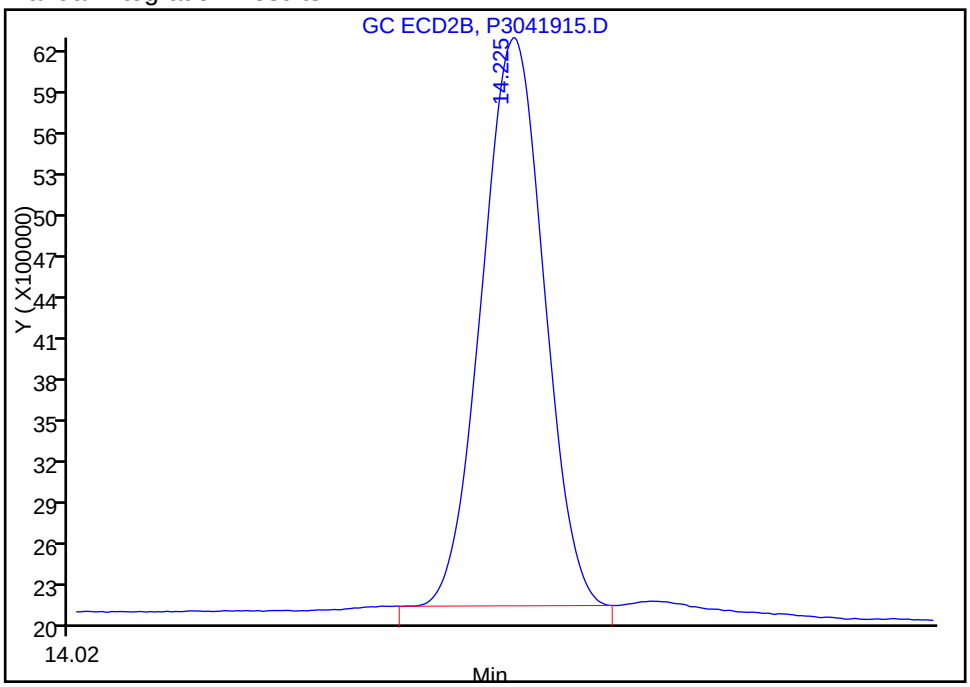
Processing Integration Results

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.: 240-22663-1

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

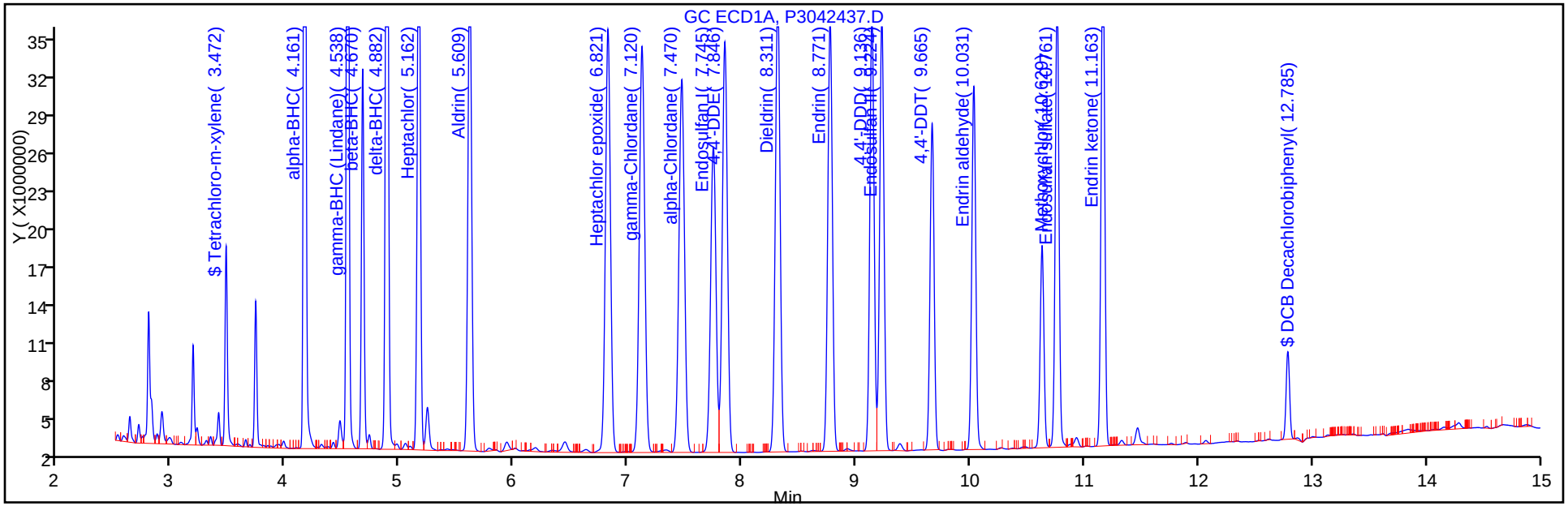
Report Date: 26-Apr-2013 09:16:41 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

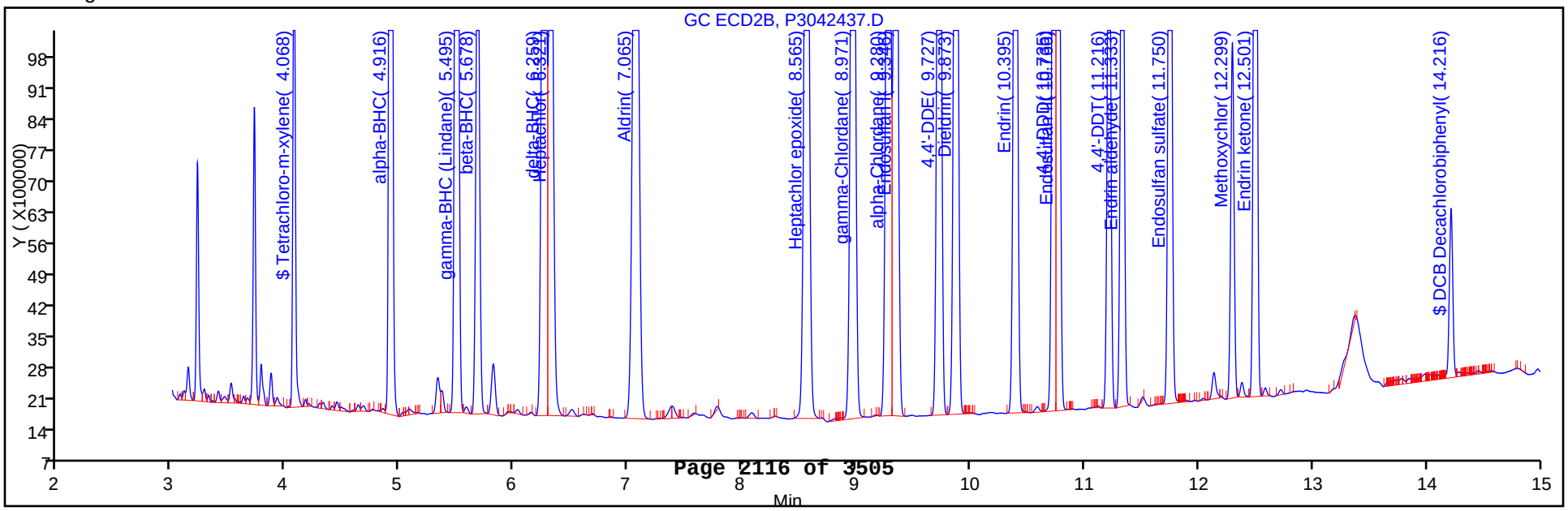
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Injection Date:	24-Apr-2013 22:14:49	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83400	Lims Sample ID:	37
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

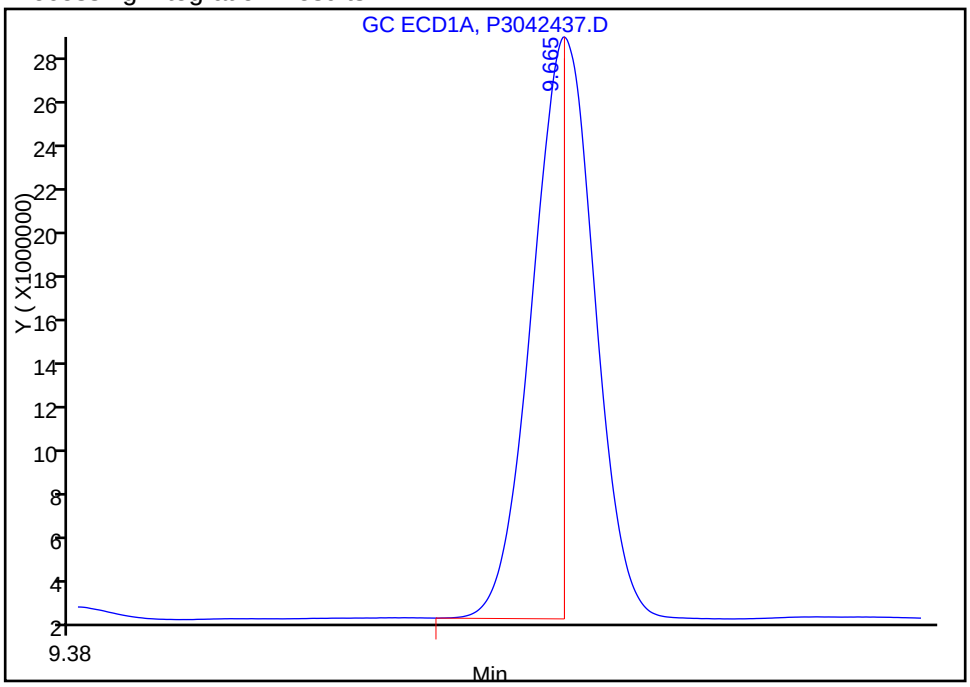
TestAmerica Canton

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

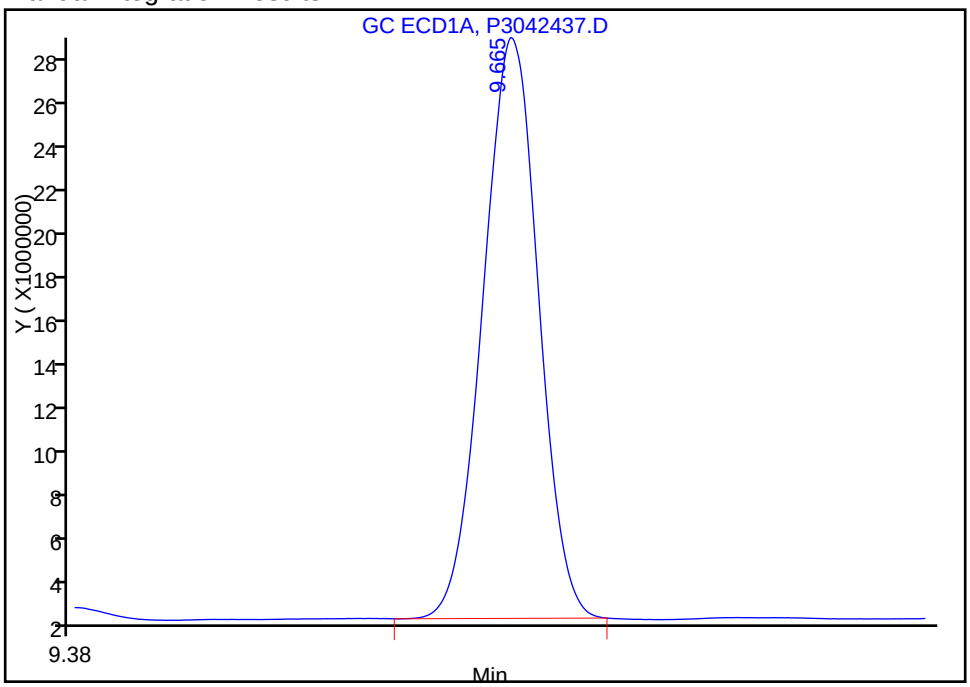
Processing Integration Results

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.: 240-22663-1

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

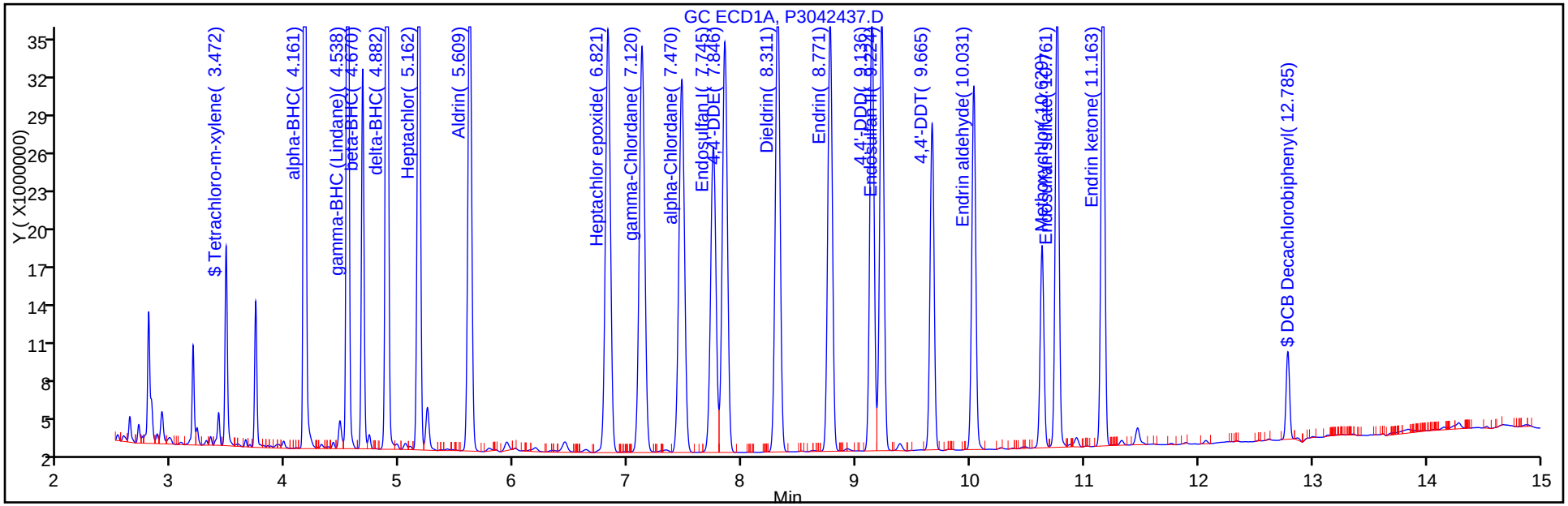
Report Date: 26-Apr-2013 09:16:41 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

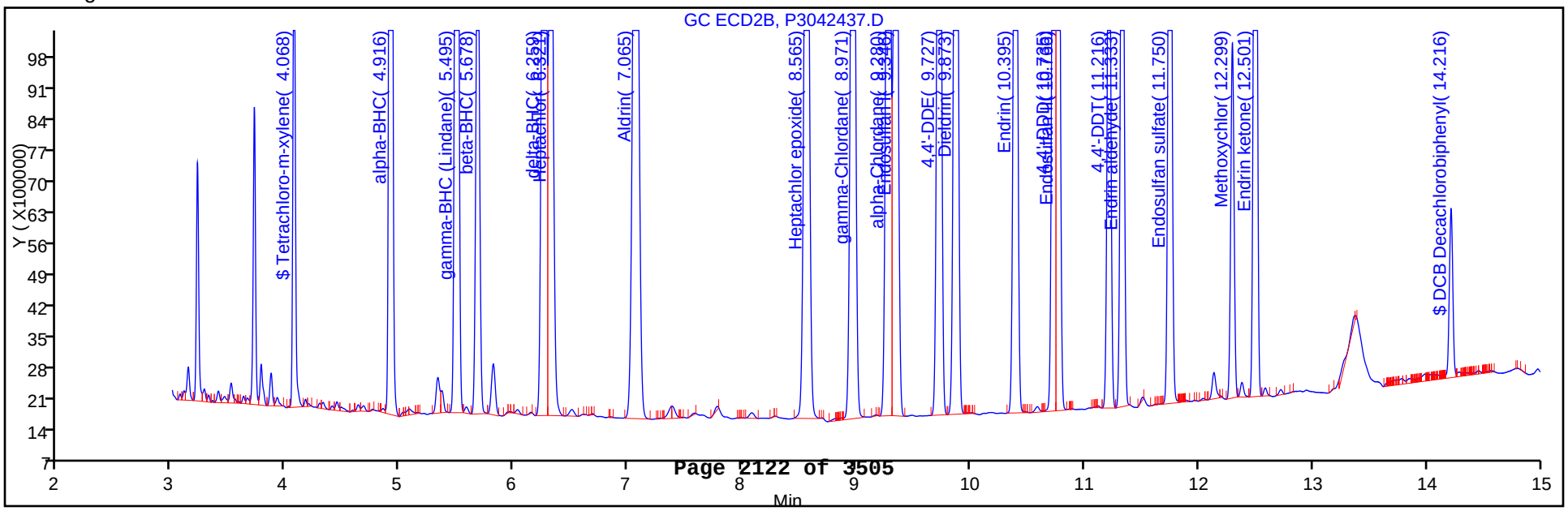
Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042437.D

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.: 240-22663-1

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			
						RPD = 7.35			

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

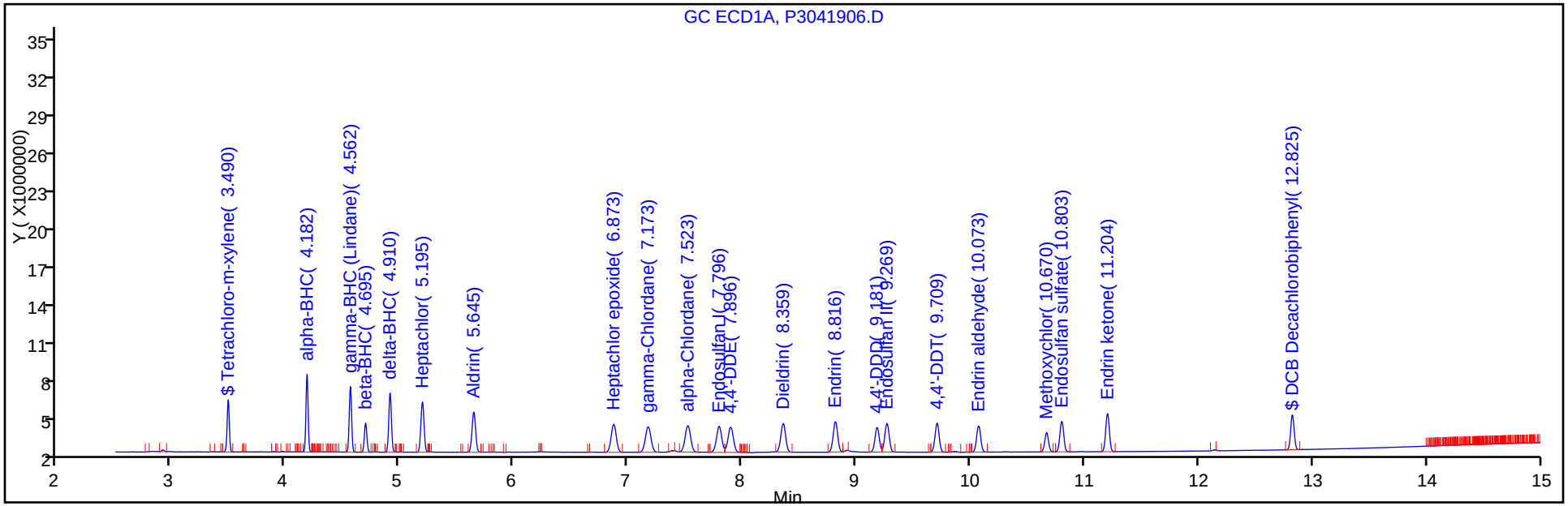
Report Date: 20-Apr-2013 07:39:32 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

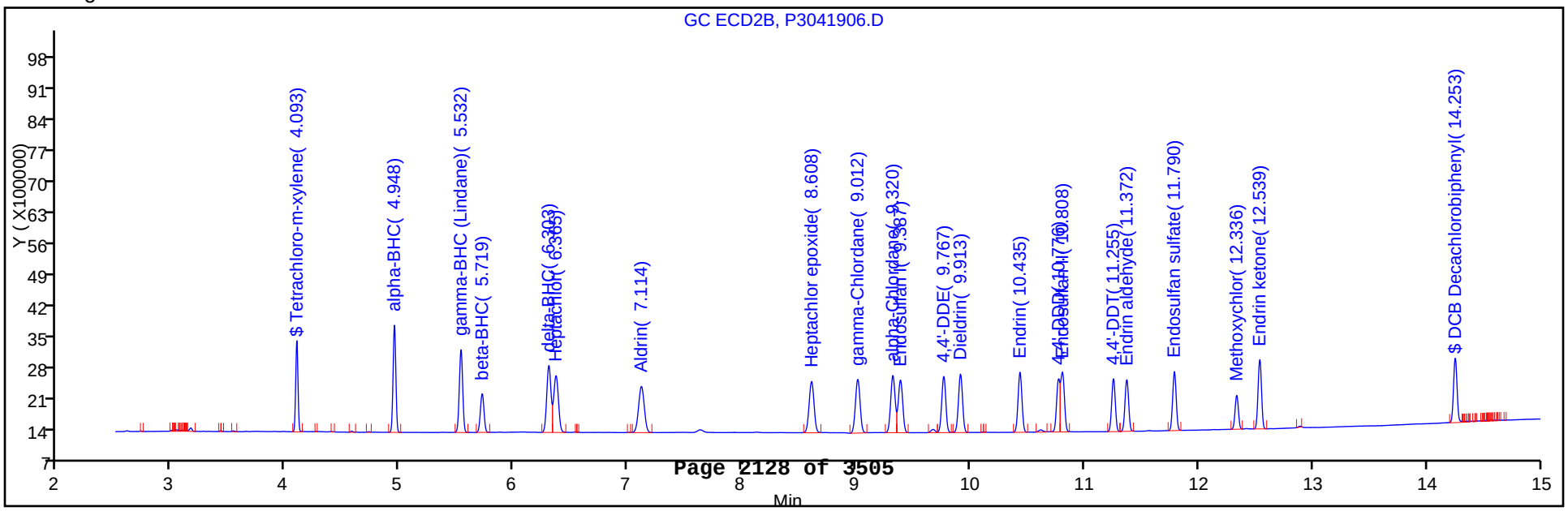
Data File: \\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041906.D

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.: 240-22663-1

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

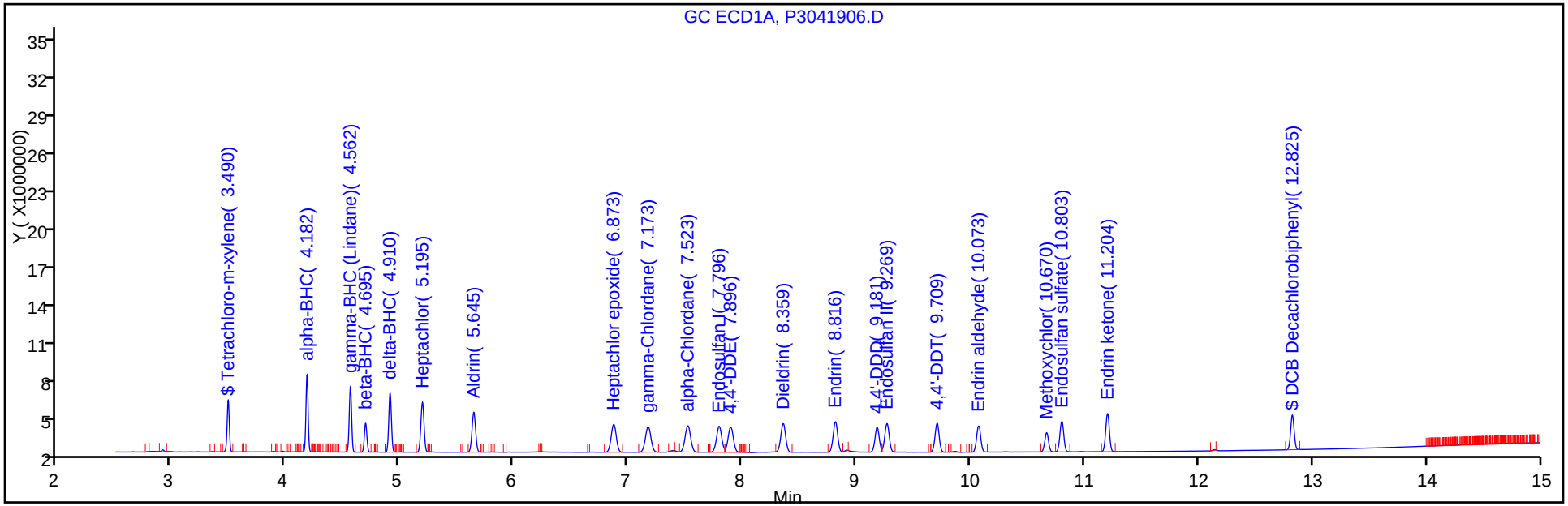
Report Date: 20-Apr-2013 07:39:32 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

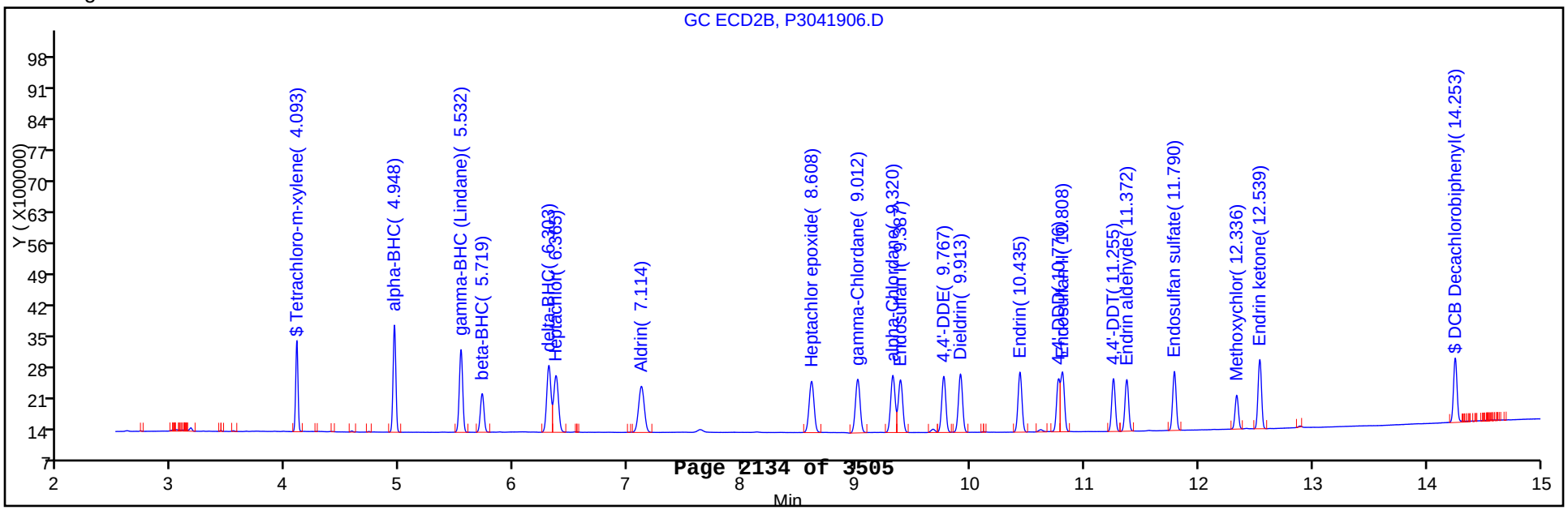
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Injection Date:	19-Apr-2013 12:05:50	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82685	Lims Sample ID:	6
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-22663-1

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 = 3.82			

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			

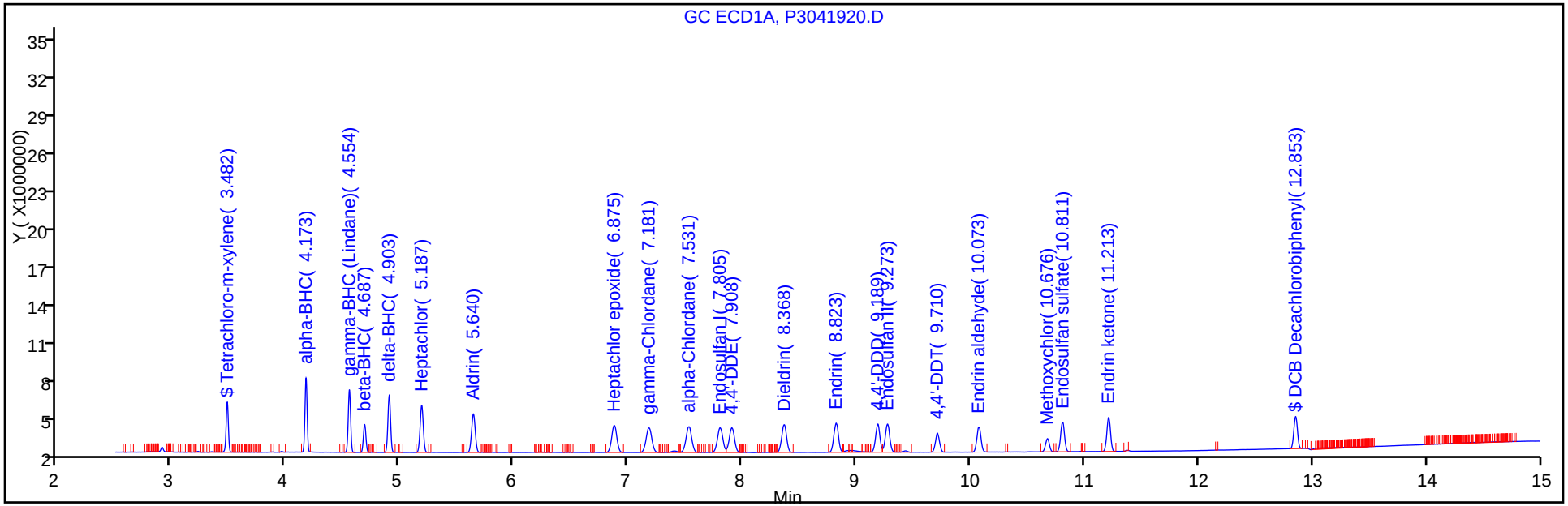
Report Date: 27-Apr-2013 09:51:36 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

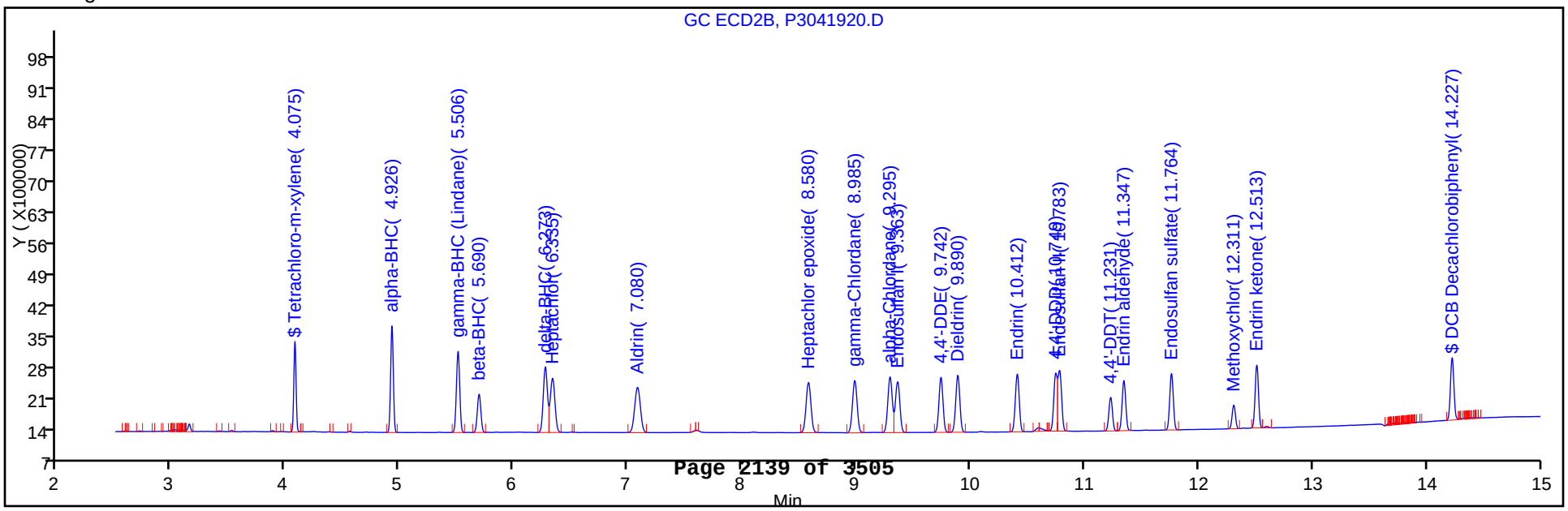
Data File: \\NCChrom\ChromData\A2HP3\20130419-19054.b\P3041920.D

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.: 240-22663-1

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 = 3.82			

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			

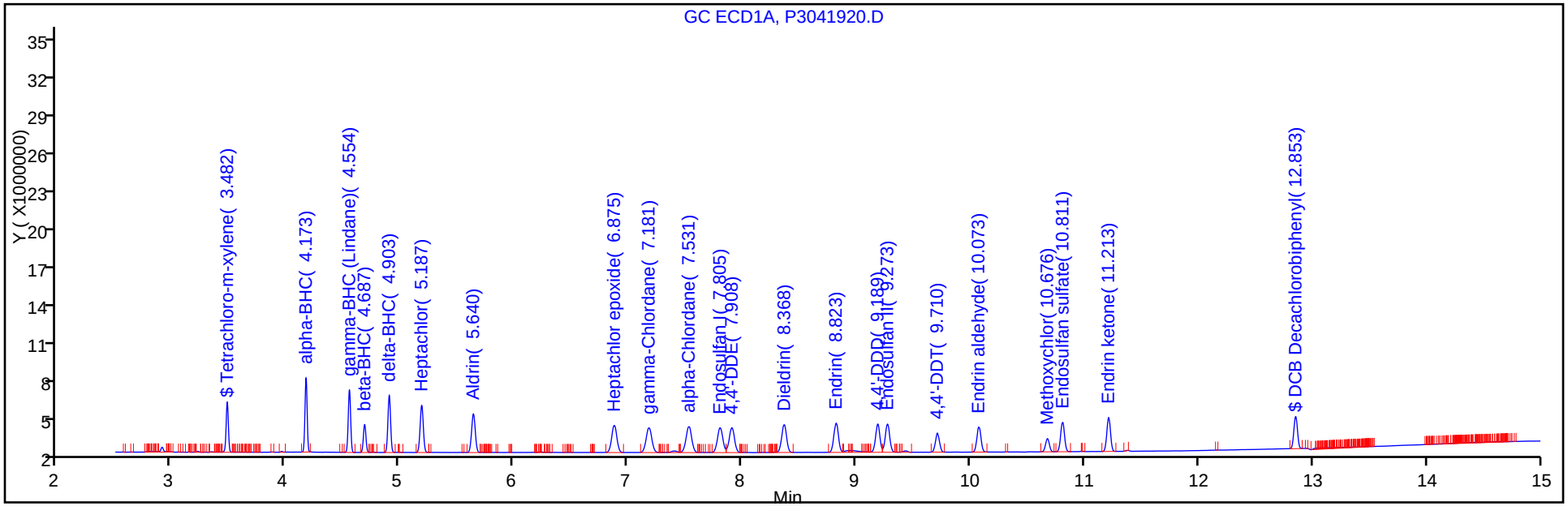
Report Date: 27-Apr-2013 09:51:36 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

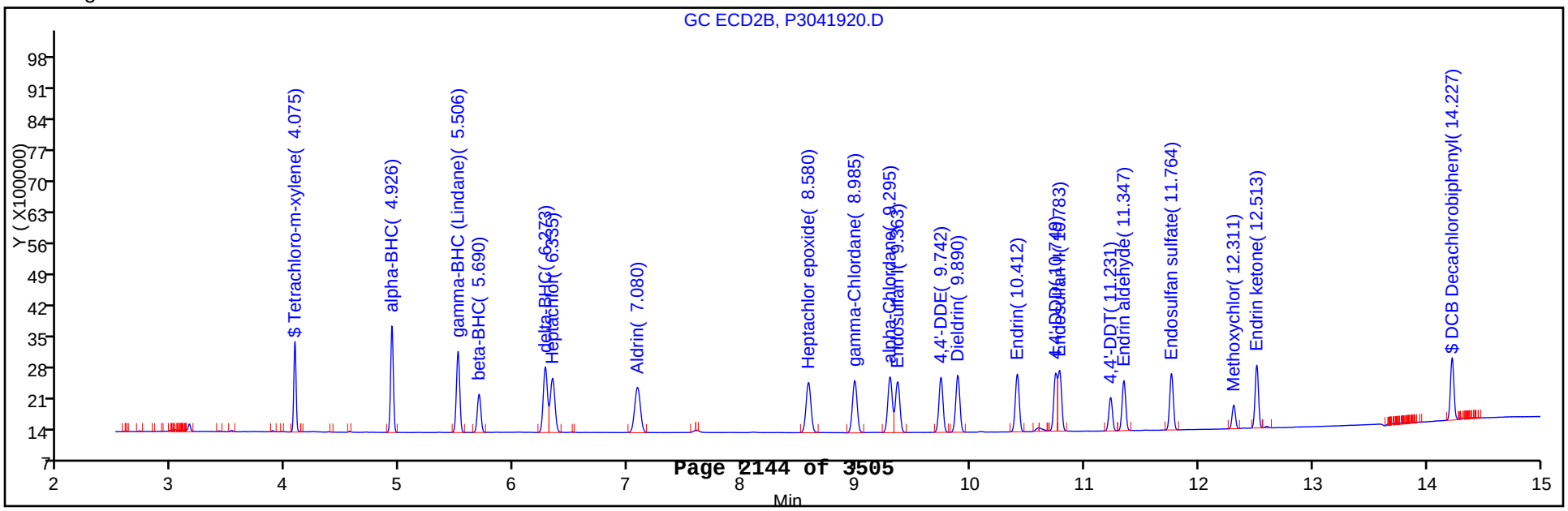
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Injection Date:	19-Apr-2013 17:18:24	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82685	Lims Sample ID:	41
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-22663-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-82857/6

Matrix: Solid | Lab File ID: P3042006.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/20/2013 14:42

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.: 82857 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.00381	J	0.0050	0.0010	0.00096
72-55-9	4,4'-DDE	0.00451	J	0.0050	0.0010	0.00097
50-29-3	4,4'-DDT	0.00396	J	0.0050	0.0030	0.0016
309-00-2	Aldrin	0.00431	J	0.0050	0.0010	0.00082
319-84-6	alpha-BHC	0.00405	J	0.0050	0.0010	0.00070
5103-71-9	alpha-Chlordane	0.00447	J	0.0050	0.0010	0.0014
319-85-7	beta-BHC	0.00463	J	0.0050	0.0010	0.00084
319-86-8	delta-BHC	0.00387	J	0.0050	0.0010	0.00087
60-57-1	Dieldrin	0.00419	J	0.0050	0.0010	0.00075
959-98-8	Endosulfan I	0.00428	J	0.0050	0.0010	0.0013
33213-65-9	Endosulfan II	0.00409	J	0.0050	0.0010	0.0012
1031-07-8	Endosulfan sulfate	0.00445	J	0.0050	0.0010	0.0011
72-20-8	Endrin	0.00407	J	0.0050	0.0010	0.0011
7421-93-4	Endrin aldehyde	0.00402	J	0.0050	0.0010	0.0011
53494-70-5	Endrin ketone	0.00403	J	0.0050	0.0010	0.00078
58-89-9	gamma-BHC (Lindane)	0.00393	J	0.0050	0.0010	0.00064
5103-74-2	gamma-Chlordane	0.00419	J	0.0050	0.0010	0.0012
76-44-8	Heptachlor	0.00406	J	0.0050	0.0010	0.00080
1024-57-3	Heptachlor epoxide	0.00440	J	0.0050	0.0010	0.00071
72-43-5	Methoxychlor	0.00458	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	113		50-150
877-09-8	Tetrachloro-m-xylene	99		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130420-19105.b\P3042006.D
Lims ID: MRL Client ID:
Inject. Date: 20-Apr-2013 14:42:44 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0019105-006
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 82857 Lims Sample ID: 6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130420-19105.b\PEST3.m
Last Update: 22-Apr-2013 10:30:54 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 09:21:45

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.475	3.474	0.001	5426238	0.004932			
2	100	4.071	4.070	0.001	2794932	0.004628			
						RPD = 6.37			
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	4.165	4.164	0.001	6577284	0.004051			
2	100	4.925	4.924	0.001	3255225	0.004228			
						RPD = 4.28			
20 gamma-BHC (Lindane)									
1	100	4.542	4.541	0.001	5714941	0.003927			
2	100	5.506	5.506	0.000	2887715	0.004265			
						RPD = 8.25			
7 beta-BHC									
1	100	4.675	4.674	0.001	2861732	0.004627			
2	100	5.692	5.692	0.000	1509217	0.005104			
						RPD = 9.80			
11 delta-BHC									
1	100	4.888	4.887	0.001	5734551	0.003874			
2	100	6.275	6.275	0.000	2959923	0.004255			
						RPD = 9.37			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									1
1	100		5.054						
1	2		5.907						
1	3		7.134						
1	4		7.477						
2	100		6.030						
2	2		7.602						
2	3		8.985						
2	4		9.293						
22 Heptachlor									
1	100	5.170	5.169	0.001	5228992	0.004060			
2	100	6.336	6.337	-0.001	2498322	0.004286			
						RPD = 5.41			
4 Aldrin									
1	100	5.618	5.616	0.002	5866528	0.004314			
2	100	7.083	7.084	-0.001	2975998	0.004468			
						RPD = 3.51			
25 Isodrin									
1	100		6.227						
2	100		8.099						
23 Heptachlor epoxide									
1	100	6.839	6.835	0.004	5414676	0.004402			
2	100	8.581	8.584	-0.003	2672295	0.004597			
						RPD = 4.33			
21 gamma-Chlordane									
1	100	7.140	7.138	0.002	5298815	0.004194			
2	100	8.986	8.988	-0.002	2628903	0.004482			
						RPD = 6.63			
6 alpha-Chlordane									
1	100	7.486	7.486	0.000	5761894	0.004468			
2	100	9.296	9.297	-0.001	2776201	0.004549			
						RPD = 1.80			
14 Endosulfan I									
1	100	7.763	7.763	0.000	4934327	0.004281			
2	100	9.362	9.364	-0.002	2324737	0.004375			
						RPD = 2.18			
2 4,4'-DDE									
1	100	7.866	7.866	0.000	5714521	0.004512			
2	100	9.744	9.744	0.000	2679032	0.004393			
						RPD = 2.68			
28 Mirex									
1	100		8.279						
2	100		9.197						
13 Dieldrin									
1	100	8.329	8.326	0.003	5310314	0.004187			
2	100	9.890	9.892	-0.002	2547560	0.004286			
						RPD = 2.35			
17 Endrin									
1	100	8.787	8.785	0.002	4840639	0.004071			
2	100	10.413	10.414	-0.001	2296065	0.004285			
						RPD = 5.14			

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	9.153	9.153	0.000	3692236	0.003805			
2	100	10.755	10.754	0.001	1637150	0.003829			
						RPD = 0.63			
15 Endosulfan II									
1	100	9.240	9.238	0.002	4475399	0.004089			
2	100	10.785	10.785	0.000	2287362	0.004712			
						RPD = 14.16			
9 Chlorobenzilate									
1	100		9.275						
2	100		10.585						
3 4,4'-DDT									
1	100	9.677	9.677	0.000	3650606	0.003959			
2	100	11.235	11.236	-0.001	1639613	0.004145			
						RPD = 4.61			
18 Endrin aldehyde									
1	100	10.043	10.041	0.002	3539950	0.004019			
2	100	11.351	11.354	-0.003	1726217	0.004369			
						RPD = 8.34			
30 Toxaphene									
1	1		10.230						
1	2		10.573						
1	3		10.724						
1	4		11.144						
1	5		11.411						
2	100		10.337						
2	2		10.929						
2	3		11.357						
2	4		12.097						
2	5		12.658						
27 Methoxychlor									
1	100	10.640	10.640	0.000	2111641	0.004576			
2	100	12.321	12.321	0.000	934773	0.004685			
						RPD = 2.35			
16 Endosulfan sulfate									
1	100	10.774	10.772	0.002	4361329	0.004446			
2	100	11.771	11.772	-0.001	2115769	0.004784			
						RPD = 7.34			
19 Endrin ketone									
1	100	11.175	11.174	0.001	4608659	0.004026			
2	100	12.524	12.523	0.001	2232948	0.004452			
						RPD = 10.05			
$ 10 DCB Decachlorobiphenyl									
1	100	12.795	12.794	0.001	5428410	0.005653			
2	100	14.245	14.245	0.000	2794966	0.005814			
						RPD = 2.81			

QC Flag Legend

Processing Flags
1 - Missing Peaks

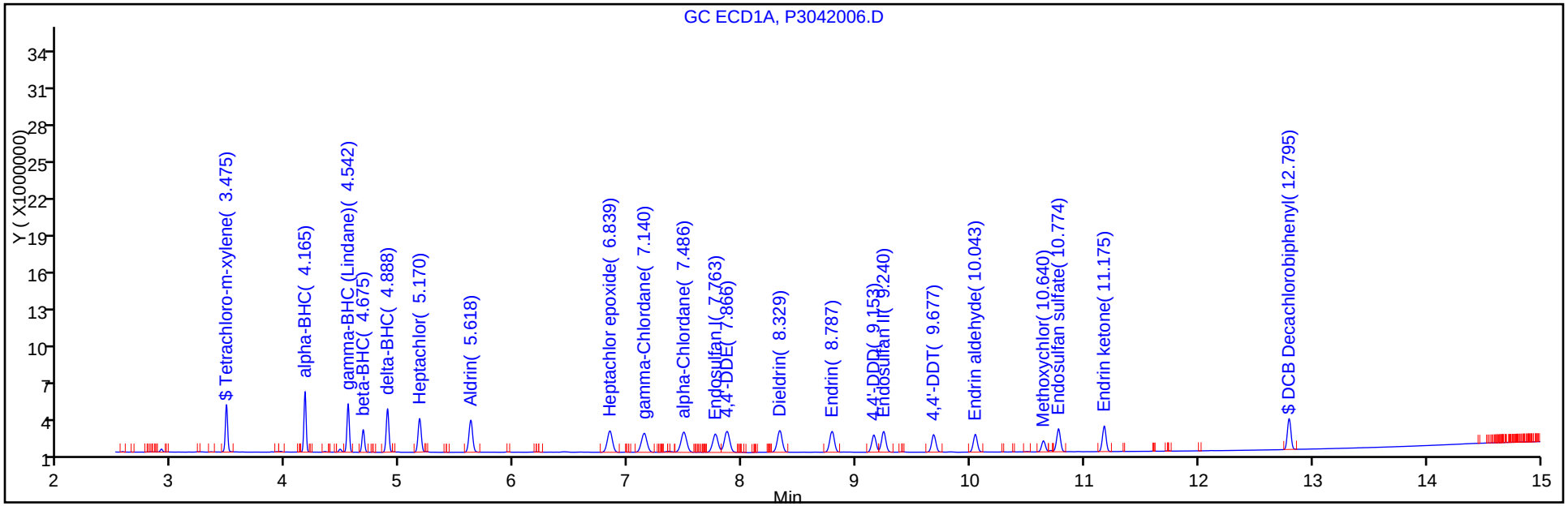
Report Date: 22-Apr-2013 10:30:55 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

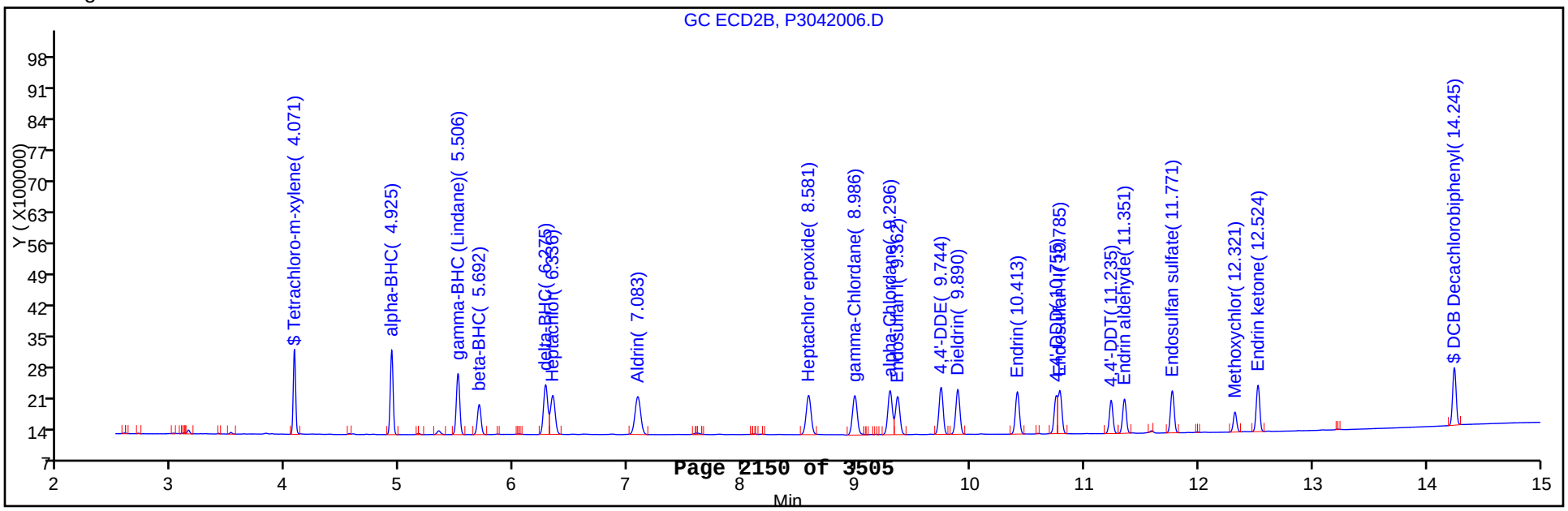
Data File: \\NCChrom\ChromData\A2HP3\20130420-19105.b\P3042006.D

Injection Date:	20-Apr-2013 14:42:44	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82857	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.: 240-22663-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-82857/6

Matrix: Solid | Lab File ID: P3042006.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/20/2013 14:42

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.: 82857 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	*4,4'-DDD*	*0.00383*	*J*	*0.0050*	0.0010	*0.00096*
72-55-9	*4,4'-DDE*	*0.00439*	*J*	*0.0050*	0.0010	*0.00097*
50-29-3	*4,4'-DDT*	*0.00415*	*J*	*0.0050*	0.0030	*0.0016*
309-00-2	*Aldrin*	*0.00447*	*J*	*0.0050*	0.0010	*0.00082*
319-84-6	*alpha-BHC*	*0.00423*	*J*	*0.0050*	0.0010	*0.00070*
5103-71-9	*alpha-Chlordane*	*0.00455*	*J*	*0.0050*	0.0010	*0.0014*
319-85-7	*beta-BHC*	*0.00510*		*0.0050*	0.0010	*0.00084*
319-86-8	*delta-BHC*	*0.00426*	*J*	*0.0050*	0.0010	*0.00087*
60-57-1	*Dieldrin*	*0.00429*	*J*	*0.0050*	0.0010	*0.00075*
959-98-8	*Endosulfan I*	*0.00438*	*J*	*0.0050*	0.0010	*0.0013*
33213-65-9	*Endosulfan II*	*0.00471*	*J*	*0.0050*	0.0010	*0.0012*
1031-07-8	*Endosulfan sulfate*	*0.00478*	*J*	*0.0050*	0.0010	*0.0011*
72-20-8	*Endrin*	*0.00429*	*J*	*0.0050*	0.0010	*0.0011*
7421-93-4	*Endrin aldehyde*	*0.00437*	*J*	*0.0050*	0.0010	*0.0011*
53494-70-5	*Endrin ketone*	*0.00445*	*J*	*0.0050*	0.0010	*0.00078*
58-89-9	*gamma-BHC (Lindane)*	*0.00427*	*J*	*0.0050*	0.0010	*0.00064*
5103-74-2	*gamma-Chlordane*	*0.00448*	*J*	*0.0050*	0.0010	*0.0012*
76-44-8	*Heptachlor*	*0.00429*	*J*	*0.0050*	0.0010	*0.00080*
1024-57-3	*Heptachlor epoxide*	*0.00460*	*J*	*0.0050*	0.0010	*0.00071*
72-43-5	*Methoxychlor*	*0.00469*	*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	116		50-150
877-09-8	Tetrachloro-m-xylene	93		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130420-19105.b\P3042006.D
Lims ID: MRL Client ID:
Inject. Date: 20-Apr-2013 14:42:44 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0019105-006
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 82857 Lims Sample ID: 6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130420-19105.b\PEST3.m
Last Update: 22-Apr-2013 10:30:54 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 09:21:45

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.475	3.474	0.001	5426238	0.004932			
2	100	4.071	4.070	0.001	2794932	0.004628			
						RPD = 6.37			
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	4.165	4.164	0.001	6577284	0.004051			
2	100	4.925	4.924	0.001	3255225	0.004228			
						RPD = 4.28			
20 gamma-BHC (Lindane)									
1	100	4.542	4.541	0.001	5714941	0.003927			
2	100	5.506	5.506	0.000	2887715	0.004265			
						RPD = 8.25			
7 beta-BHC									
1	100	4.675	4.674	0.001	2861732	0.004627			
2	100	5.692	5.692	0.000	1509217	0.005104			
						RPD = 9.80			
11 delta-BHC									
1	100	4.888	4.887	0.001	5734551	0.003874			
2	100	6.275	6.275	0.000	2959923	0.004255			
						RPD = 9.37			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									1
1	100		5.054						
1	2		5.907						
1	3		7.134						
1	4		7.477						
2	100		6.030						
2	2		7.602						
2	3		8.985						
2	4		9.293						
22 Heptachlor									
1	100	5.170	5.169	0.001	5228992	0.004060			
2	100	6.336	6.337	-0.001	2498322	0.004286			
						RPD = 5.41			
4 Aldrin									
1	100	5.618	5.616	0.002	5866528	0.004314			
2	100	7.083	7.084	-0.001	2975998	0.004468			
						RPD = 3.51			
25 Isodrin									
1	100		6.227						
2	100		8.099						
23 Heptachlor epoxide									
1	100	6.839	6.835	0.004	5414676	0.004402			
2	100	8.581	8.584	-0.003	2672295	0.004597			
						RPD = 4.33			
21 gamma-Chlordane									
1	100	7.140	7.138	0.002	5298815	0.004194			
2	100	8.986	8.988	-0.002	2628903	0.004482			
						RPD = 6.63			
6 alpha-Chlordane									
1	100	7.486	7.486	0.000	5761894	0.004468			
2	100	9.296	9.297	-0.001	2776201	0.004549			
						RPD = 1.80			
14 Endosulfan I									
1	100	7.763	7.763	0.000	4934327	0.004281			
2	100	9.362	9.364	-0.002	2324737	0.004375			
						RPD = 2.18			
2 4,4'-DDE									
1	100	7.866	7.866	0.000	5714521	0.004512			
2	100	9.744	9.744	0.000	2679032	0.004393			
						RPD = 2.68			
28 Mirex									
1	100		8.279						
2	100		9.197						
13 Dieldrin									
1	100	8.329	8.326	0.003	5310314	0.004187			
2	100	9.890	9.892	-0.002	2547560	0.004286			
						RPD = 2.35			
17 Endrin									
1	100	8.787	8.785	0.002	4840639	0.004071			
2	100	10.413	10.414	-0.001	2296065	0.004285			
						RPD = 5.14			

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	9.153	9.153	0.000	3692236	0.003805			
2	100	10.755	10.754	0.001	1637150	0.003829			
						RPD = 0.63			
15 Endosulfan II									
1	100	9.240	9.238	0.002	4475399	0.004089			
2	100	10.785	10.785	0.000	2287362	0.004712			
						RPD = 14.16			
9 Chlorobenzilate									
1	100		9.275						
2	100		10.585						
3 4,4'-DDT									
1	100	9.677	9.677	0.000	3650606	0.003959			
2	100	11.235	11.236	-0.001	1639613	0.004145			
						RPD = 4.61			
18 Endrin aldehyde									
1	100	10.043	10.041	0.002	3539950	0.004019			
2	100	11.351	11.354	-0.003	1726217	0.004369			
						RPD = 8.34			
30 Toxaphene									
1	1		10.230						
1	2		10.573						
1	3		10.724						
1	4		11.144						
1	5		11.411						
2	100		10.337						
2	2		10.929						
2	3		11.357						
2	4		12.097						
2	5		12.658						
27 Methoxychlor									
1	100	10.640	10.640	0.000	2111641	0.004576			
2	100	12.321	12.321	0.000	934773	0.004685			
						RPD = 2.35			
16 Endosulfan sulfate									
1	100	10.774	10.772	0.002	4361329	0.004446			
2	100	11.771	11.772	-0.001	2115769	0.004784			
						RPD = 7.34			
19 Endrin ketone									
1	100	11.175	11.174	0.001	4608659	0.004026			
2	100	12.524	12.523	0.001	2232948	0.004452			
						RPD = 10.05			
$ 10 DCB Decachlorobiphenyl									
1	100	12.795	12.794	0.001	5428410	0.005653			
2	100	14.245	14.245	0.000	2794966	0.005814			
						RPD = 2.81			

QC Flag Legend

Processing Flags
1 - Missing Peaks

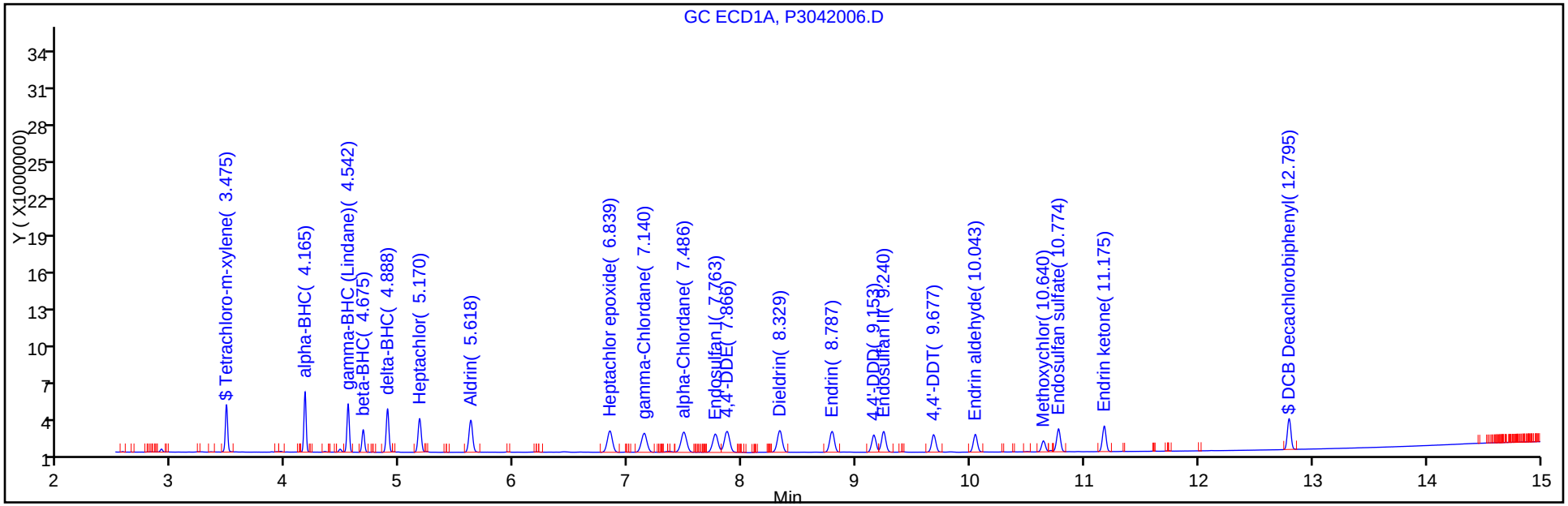
Report Date: 22-Apr-2013 10:30:55 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

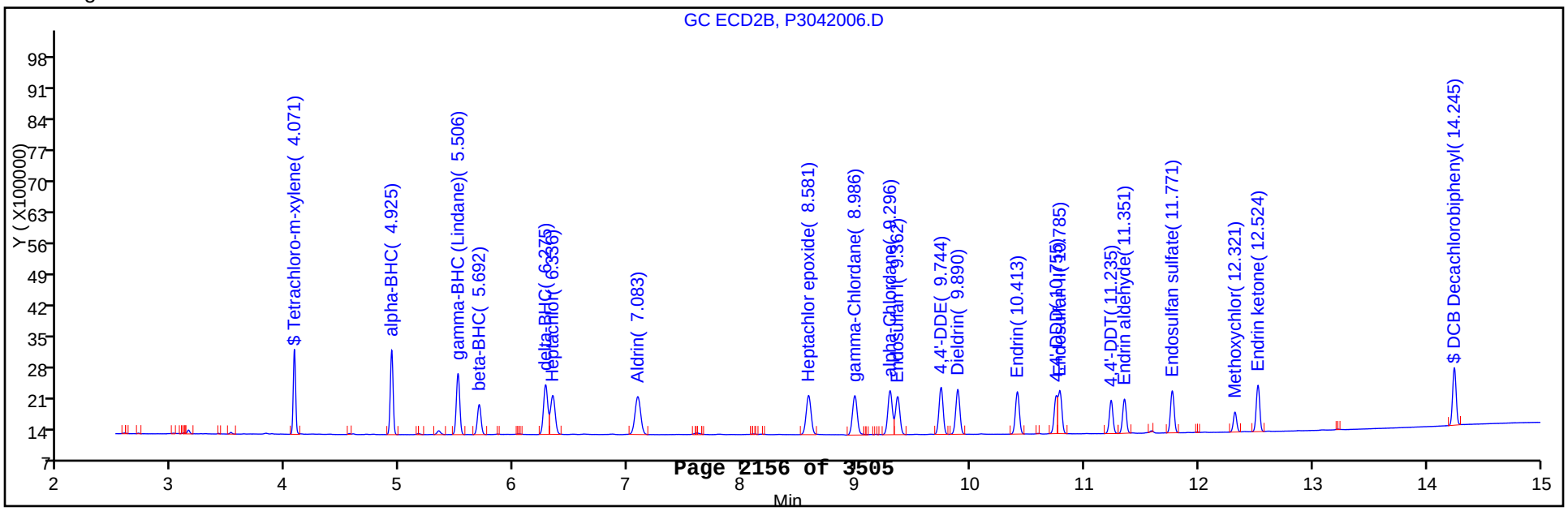
Data File: \\NCChrom\ChromData\A2HP3\20130420-19105.b\P3042006.D

Injection Date:	20-Apr-2013 14:42:44	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82857	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.: 240-22663-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-82857/39

Matrix: Solid | Lab File ID: P3042039.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/21/2013 01:46

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.: 82857 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.00593		0.0050	0.0010	0.00096
72-55-9	4,4'-DDE	0.00491	J	0.0050	0.0010	0.00097
50-29-3	4,4'-DDT	0.0030	U ^	0.0050	0.0030	0.0016
309-00-2	Aldrin	0.00496	J	0.0050	0.0010	0.00082
319-84-6	alpha-BHC	0.00460	J	0.0050	0.0010	0.00070
5103-71-9	alpha-Chlordane	0.00508		0.0050	0.0010	0.0014
319-85-7	beta-BHC	0.00508		0.0050	0.0010	0.00084
319-86-8	delta-BHC	0.00445	J	0.0050	0.0010	0.00087
60-57-1	Dieldrin	0.00491	J	0.0050	0.0010	0.00075
959-98-8	Endosulfan I	0.00487	J	0.0050	0.0010	0.0013
33213-65-9	Endosulfan II	0.00483	J	0.0050	0.0010	0.0012
1031-07-8	Endosulfan sulfate	0.00519		0.0050	0.0010	0.0011
72-20-8	Endrin	0.00439	J	0.0050	0.0010	0.0011
7421-93-4	Endrin aldehyde	0.00446	J	0.0050	0.0010	0.0011
53494-70-5	Endrin ketone	0.00389	J	0.0050	0.0010	0.00078
58-89-9	gamma-BHC (Lindane)	0.00420	J	0.0050	0.0010	0.00064
5103-74-2	gamma-Chlordane	0.00494	J	0.0050	0.0010	0.0012
76-44-8	Heptachlor	0.00375	J	0.0050	0.0010	0.00080
1024-57-3	Heptachlor epoxide	0.00498	J	0.0050	0.0010	0.00071
72-43-5	Methoxychlor	0.0030	U ^	0.010	0.0030	0.0032

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	119		50-150
877-09-8	Tetrachloro-m-xylene	96		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130420-19105.b\P3042039.D
Lims ID: MRL Client ID:
Inject. Date: 21-Apr-2013 01:46:15 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0019105-039
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 39
Lims Batch ID: 82857 Lims Sample ID: 39
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	5293843	0.004812			
2	100	4.070	4.069	0.001	2756221	0.004564			
						RPD = 5.30			
12 Diallate									1
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	4.162	4.162	0.000	7471299	0.004601			
2	100	4.923	4.922	0.001	3660032	0.004754			
						RPD = 3.26			
20 gamma-BHC (Lindane)									
1	100	4.540	4.540	0.000	6112350	0.004200			
2	100	5.503	5.505	-0.002	3083104	0.004554			
						RPD = 8.07			
7 beta-BHC									
1	100	4.672	4.673	-0.001	3143560	0.005083			
2	100	5.690	5.690	0.000	1645412	0.005564			
						RPD = 9.05			
11 delta-BHC									
1	100	4.885	4.886	-0.001	6591238	0.004453			
2	100	6.272	6.272	0.000	3340787	0.004803			
						RPD = 7.56			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100	0.0	5.054	-5.054	0	0		100.0	
1	2	5.934	5.907	0.027	18328	0.000313	95.6- 135.6		
1	3	7.133	7.134	-0.001	6237688	0.0373	312.1- 352.1		
1	4	7.482	7.477	0.005	6548641	0.0261	466.3- 506.3		
			Average of Peak Amounts =			0.0212			
2	100	0.0	6.030	-6.030	0	0		100.0	
2	2	7.594	7.602	-0.008	105201	0.004208	75.9- 115.9		
2	3	8.985	8.985	0.000	3124927	0.0419	251.4- 291.4		
2	4	9.294	9.293	0.001	3226208	0.0452	241.0- 281.0		
			Average of Peak Amounts =			0.0305			
						RPD = 35.59			
22 Heptachlor									
1	100	5.167	5.167	0.000	4836451	0.003755			
2	100	6.334	6.334	0.000	2272233	0.003898			
						RPD = 3.73			
4 Aldrin									
1	100	5.615	5.616	-0.001	6751682	0.004965			
2	100	7.080	7.081	-0.001	3440156	0.005165			
						RPD = 3.95			
25 Isodrin									
1	100		6.227						
2	100		8.099						
23 Heptachlor epoxide									
1	100	6.832	6.834	-0.002	6127896	0.004982			
2	100	8.578	8.580	-0.002	3010296	0.005178			
						RPD = 3.86			
21 gamma-Chlordane									
1	100	7.133	7.133	0.000	6237688	0.004937			
2	100	8.985	8.985	0.000	3124927	0.005327			
						RPD = 7.60			
6 alpha-Chlordane									
1	100	7.482	7.483	-0.001	6548641	0.005078			
2	100	9.294	9.293	0.001	3226208	0.005286			
						RPD = 4.02			
14 Endosulfan I									
1	100	7.757	7.760	-0.003	5614032	0.004871			
2	100	9.360	9.360	0.000	2682148	0.005048			
						RPD = 3.58			
2 4,4'-DDE									
1	100	7.860	7.860	0.000	6223181	0.004914			
2	100	9.740	9.740	0.000	2964172	0.004860			
						RPD = 1.09			
28 Mirex									
1	100	8.255	8.279	-0.024	14022	0			
2	100	9.193	9.197	-0.004	8097	0			
						RPD = 0.00			
13 Dieldrin									
1	100	8.322	8.325	-0.003	6226793	0.004909			
2	100	9.888	9.888	0.000	2958204	0.004977			
						RPD = 1.37			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
17 Endrin									
1	100	8.781	8.782	-0.001	5222116	0.004392			
2	100	10.410	10.411	-0.001	2457391	0.004586			
						RPD = 4.34			
26 Kepone									1
1	100		8.890						
2	100		10.569						
1 4,4'-DDD									
1	100	9.150	9.150	0.000	5749562	0.005925			
2	100	10.751	10.750	0.001	2770613	0.006480			
						RPD = 8.95			
15 Endosulfan II									
1	100	9.235	9.236	-0.001	5283103	0.004827			
2	100	10.783	10.782	0.001	2886469	0.005946			
						RPD = 20.78			
9 Chlorobenzilate									1
1	100		9.275						
2	100		10.585						
3 4,4'-DDT									
1	100	9.674	9.677	-0.003	1200609	0.001302			
2	100	11.235	11.233	0.002	557313	0.001409			
						RPD = 7.90			
18 Endrin aldehyde									
1	100	10.040	10.040	0.000	3929612	0.004462			
2	100	11.349	11.350	-0.001	1866361	0.004724			
						RPD = 5.71			
30 Toxaphene									1
1	1		10.230						
1	2		10.573						
1	3		10.724						
1	4		11.144						
1	5		11.411						
2	100		10.337						
2	2		10.929						
2	3		11.357						
2	4		12.097						
2	5		12.658						
27 Methoxychlor									
1	100	10.638	10.638	0.000	1098685	0.002381			
2	100	12.317	12.318	-0.001	437379	0.002192			
						RPD = 8.26			
16 Endosulfan sulfate									
1	100	10.769	10.770	-0.001	5087487	0.005186			
2	100	11.769	11.770	-0.001	2536935	0.005737			
						RPD = 10.09			
19 Endrin ketone									
1	100	11.171	11.171	0.000	4448360	0.003886			
2	100	12.521	12.519	0.002	2150516	0.004288			
						RPD = 9.83			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 10 DCB Decachlorobiphenyl									
1	100	12.792	12.792	0.000	5691892	0.005928			
2	100	14.240	14.241	-0.001	2938056	0.006112			
						RPD = 3.06			

QC Flag Legend

Processing Flags
1 - Missing Peaks

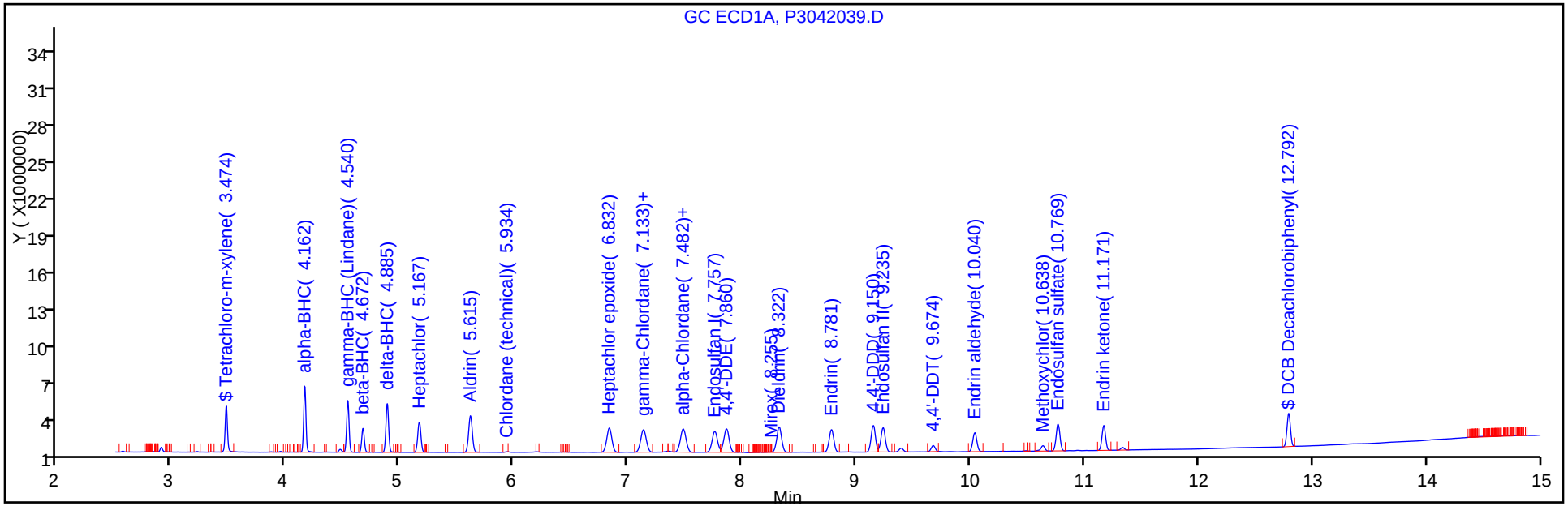
Report Date: 22-Apr-2013 10:31:25 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

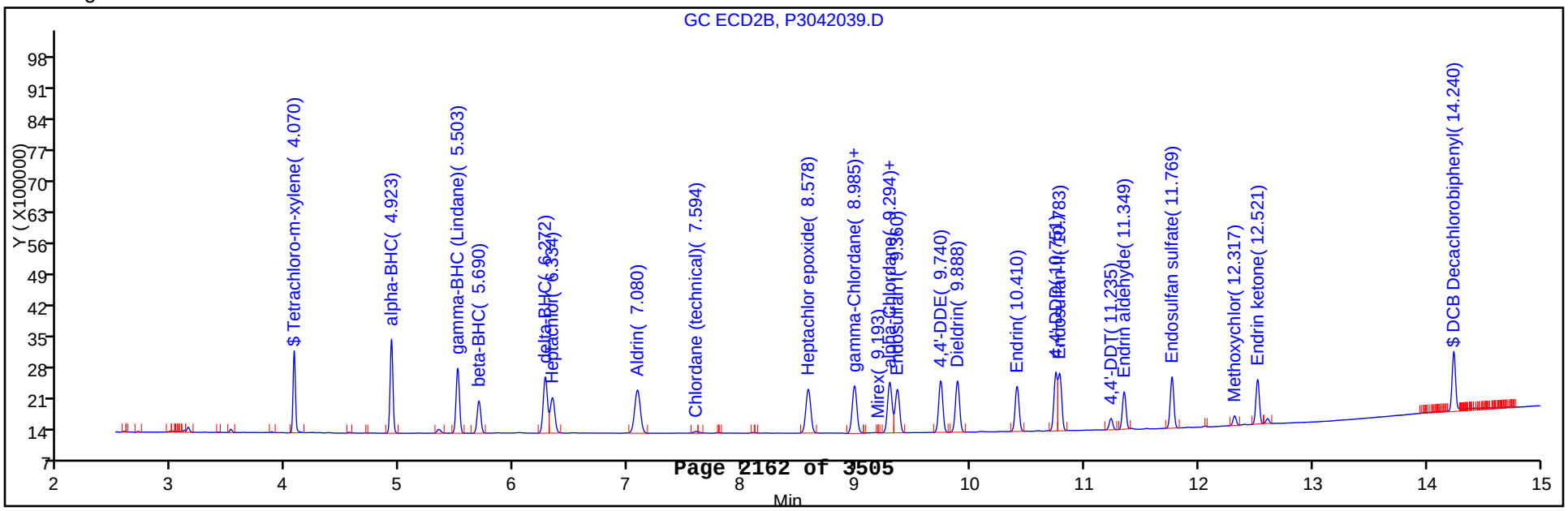
Data File: \\NCChrom\ChromData\A2HP3\20130420-19105.b\P3042039.D

Injection Date:	21-Apr-2013 01:46:15	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82857	Lims Sample ID:	39
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.: 240-22663-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-82857/39

Matrix: Solid | Lab File ID: P3042039.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/21/2013 01:46

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.: 82857 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	*4,4'-DDD*	*0.00648*		*0.0050*	0.0010	*0.00096*
72-55-9	*4,4'-DDE*	*0.00486*	*J*	*0.0050*	0.0010	*0.00097*
50-29-3	*4,4'-DDT*	*0.0030*	*U ^*	*0.0050*	0.0030	*0.0016*
309-00-2	*Aldrin*	*0.00516*		*0.0050*	0.0010	*0.00082*
319-84-6	*alpha-BHC*	*0.00475*	*J*	*0.0050*	0.0010	*0.00070*
5103-71-9	*alpha-Chlordane*	*0.00529*		*0.0050*	0.0010	*0.0014*
319-85-7	*beta-BHC*	*0.00556*		*0.0050*	0.0010	*0.00084*
319-86-8	*delta-BHC*	*0.00480*	*J*	*0.0050*	0.0010	*0.00087*
60-57-1	*Dieldrin*	*0.00498*	*J*	*0.0050*	0.0010	*0.00075*
959-98-8	*Endosulfan I*	*0.00505*		*0.0050*	0.0010	*0.0013*
33213-65-9	*Endosulfan II*	*0.00595*		*0.0050*	0.0010	*0.0012*
1031-07-8	*Endosulfan sulfate*	*0.00574*		*0.0050*	0.0010	*0.0011*
72-20-8	*Endrin*	*0.00459*	*J*	*0.0050*	0.0010	*0.0011*
7421-93-4	*Endrin aldehyde*	*0.00472*	*J*	*0.0050*	0.0010	*0.0011*
53494-70-5	*Endrin ketone*	*0.00429*	*J*	*0.0050*	0.0010	*0.00078*
58-89-9	*gamma-BHC (Lindane)*	*0.00455*	*J*	*0.0050*	0.0010	*0.00064*
5103-74-2	*gamma-Chlordane*	*0.00533*		*0.0050*	0.0010	*0.0012*
76-44-8	*Heptachlor*	*0.00390*	*J*	*0.0050*	0.0010	*0.00080*
1024-57-3	*Heptachlor epoxide*	*0.00518*		*0.0050*	0.0010	*0.00071*
72-43-5	*Methoxychlor*	*0.0030*	*U ^*	*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	122		50-150
877-09-8	Tetrachloro-m-xylene	91		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130420-19105.b\P3042039.D
Lims ID: MRL Client ID:
Inject. Date: 21-Apr-2013 01:46:15 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0019105-039
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 39
Lims Batch ID: 82857 Lims Sample ID: 39
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	5293843	0.004812			
2	100	4.070	4.069	0.001	2756221	0.004564			
						RPD = 5.30			
12 Diallate									1
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	4.162	4.162	0.000	7471299	0.004601			
2	100	4.923	4.922	0.001	3660032	0.004754			
						RPD = 3.26			
20 gamma-BHC (Lindane)									
1	100	4.540	4.540	0.000	6112350	0.004200			
2	100	5.503	5.505	-0.002	3083104	0.004554			
						RPD = 8.07			
7 beta-BHC									
1	100	4.672	4.673	-0.001	3143560	0.005083			
2	100	5.690	5.690	0.000	1645412	0.005564			
						RPD = 9.05			
11 delta-BHC									
1	100	4.885	4.886	-0.001	6591238	0.004453			
2	100	6.272	6.272	0.000	3340787	0.004803			
						RPD = 7.56			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100	0.0	5.054	-5.054	0	0		100.0	
1	2	5.934	5.907	0.027	18328	0.000313	95.6- 135.6		
1	3	7.133	7.134	-0.001	6237688	0.0373	312.1- 352.1		
1	4	7.482	7.477	0.005	6548641	0.0261	466.3- 506.3		
			Average of Peak Amounts =			0.0212			
2	100	0.0	6.030	-6.030	0	0		100.0	
2	2	7.594	7.602	-0.008	105201	0.004208	75.9- 115.9		
2	3	8.985	8.985	0.000	3124927	0.0419	251.4- 291.4		
2	4	9.294	9.293	0.001	3226208	0.0452	241.0- 281.0		
			Average of Peak Amounts =			0.0305			
						RPD = 35.59			
22 Heptachlor									
1	100	5.167	5.167	0.000	4836451	0.003755			
2	100	6.334	6.334	0.000	2272233	0.003898			
						RPD = 3.73			
4 Aldrin									
1	100	5.615	5.616	-0.001	6751682	0.004965			
2	100	7.080	7.081	-0.001	3440156	0.005165			
						RPD = 3.95			
25 Isodrin									
1	100		6.227						
2	100		8.099						
23 Heptachlor epoxide									
1	100	6.832	6.834	-0.002	6127896	0.004982			
2	100	8.578	8.580	-0.002	3010296	0.005178			
						RPD = 3.86			
21 gamma-Chlordane									
1	100	7.133	7.133	0.000	6237688	0.004937			
2	100	8.985	8.985	0.000	3124927	0.005327			
						RPD = 7.60			
6 alpha-Chlordane									
1	100	7.482	7.483	-0.001	6548641	0.005078			
2	100	9.294	9.293	0.001	3226208	0.005286			
						RPD = 4.02			
14 Endosulfan I									
1	100	7.757	7.760	-0.003	5614032	0.004871			
2	100	9.360	9.360	0.000	2682148	0.005048			
						RPD = 3.58			
2 4,4'-DDE									
1	100	7.860	7.860	0.000	6223181	0.004914			
2	100	9.740	9.740	0.000	2964172	0.004860			
						RPD = 1.09			
28 Mirex									
1	100	8.255	8.279	-0.024	14022	0			
2	100	9.193	9.197	-0.004	8097	0			
						RPD = 0.00			
13 Dieldrin									
1	100	8.322	8.325	-0.003	6226793	0.004909			
2	100	9.888	9.888	0.000	2958204	0.004977			
						RPD = 1.37			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
17 Endrin									
1	100	8.781	8.782	-0.001	5222116	0.004392			
2	100	10.410	10.411	-0.001	2457391	0.004586			
						RPD = 4.34			
26 Kepone									1
1	100		8.890						
2	100		10.569						
1 4,4'-DDD									
1	100	9.150	9.150	0.000	5749562	0.005925			
2	100	10.751	10.750	0.001	2770613	0.006480			
						RPD = 8.95			
15 Endosulfan II									
1	100	9.235	9.236	-0.001	5283103	0.004827			
2	100	10.783	10.782	0.001	2886469	0.005946			
						RPD = 20.78			
9 Chlorobenzilate									1
1	100		9.275						
2	100		10.585						
3 4,4'-DDT									
1	100	9.674	9.677	-0.003	1200609	0.001302			
2	100	11.235	11.233	0.002	557313	0.001409			
						RPD = 7.90			
18 Endrin aldehyde									
1	100	10.040	10.040	0.000	3929612	0.004462			
2	100	11.349	11.350	-0.001	1866361	0.004724			
						RPD = 5.71			
30 Toxaphene									1
1	1		10.230						
1	2		10.573						
1	3		10.724						
1	4		11.144						
1	5		11.411						
2	100		10.337						
2	2		10.929						
2	3		11.357						
2	4		12.097						
2	5		12.658						
27 Methoxychlor									
1	100	10.638	10.638	0.000	1098685	0.002381			
2	100	12.317	12.318	-0.001	437379	0.002192			
						RPD = 8.26			
16 Endosulfan sulfate									
1	100	10.769	10.770	-0.001	5087487	0.005186			
2	100	11.769	11.770	-0.001	2536935	0.005737			
						RPD = 10.09			
19 Endrin ketone									
1	100	11.171	11.171	0.000	4448360	0.003886			
2	100	12.521	12.519	0.002	2150516	0.004288			
						RPD = 9.83			

Report Date: 22-Apr-2013 10:31:25 Chrom Revision: 2.0 01-Apr-2013 21:16:10
Data File: \\NCChrom\ChromData\A2HP3\20130420-19105.b\P3042039.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 10 DCB Decachlorobiphenyl									
1	100	12.792	12.792	0.000	5691892	0.005928			
2	100	14.240	14.241	-0.001	2938056	0.006112			
						RPD = 3.06			

QC Flag Legend

Processing Flags
1 - Missing Peaks

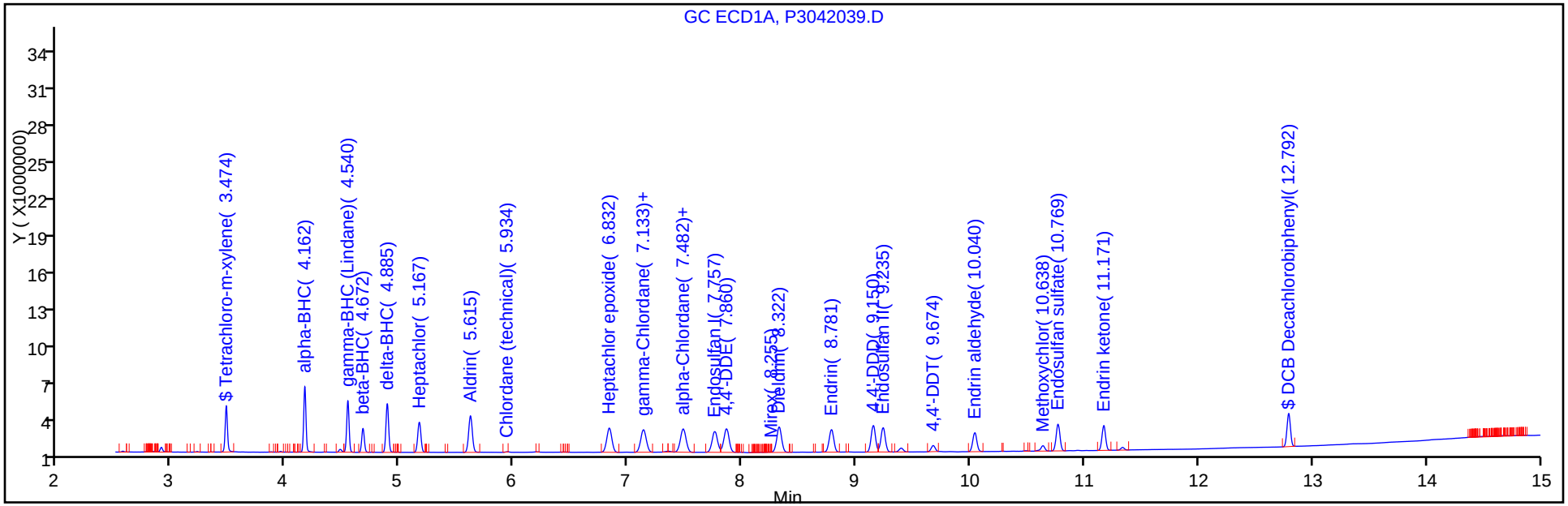
Report Date: 22-Apr-2013 10:31:25 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

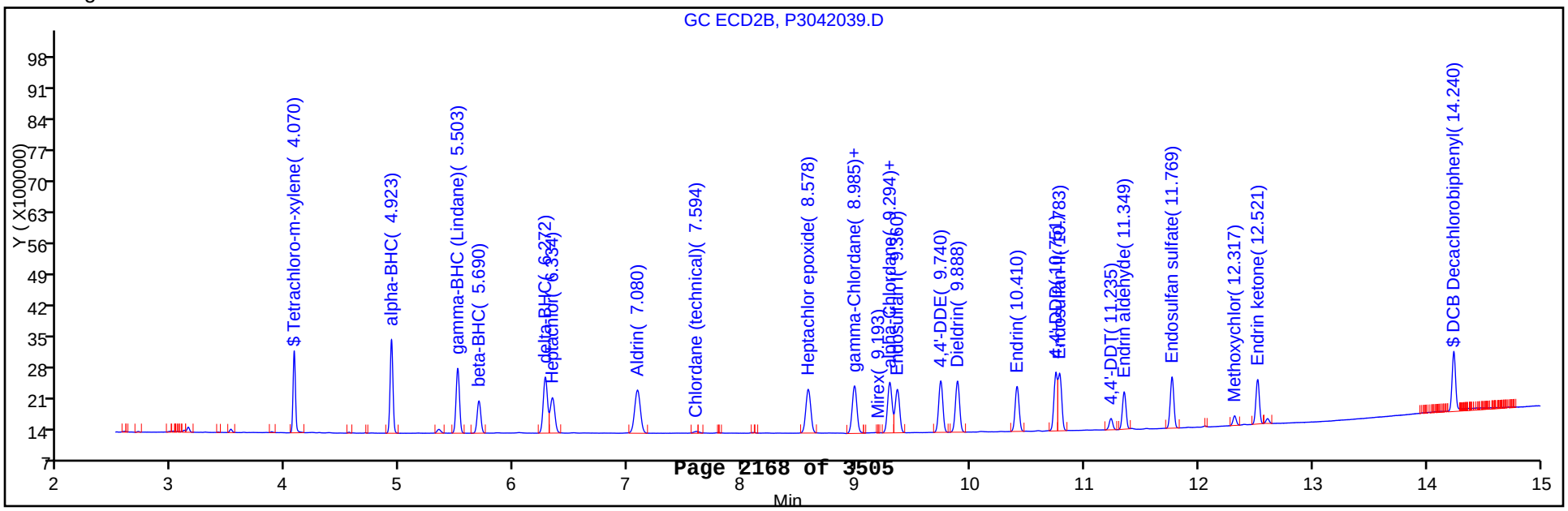
Data File: \\NCChrom\ChromData\A2HP3\20130420-19105.b\P3042039.D

Injection Date:	21-Apr-2013 01:46:15	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82857	Lims Sample ID:	39
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.: 240-22663-1

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

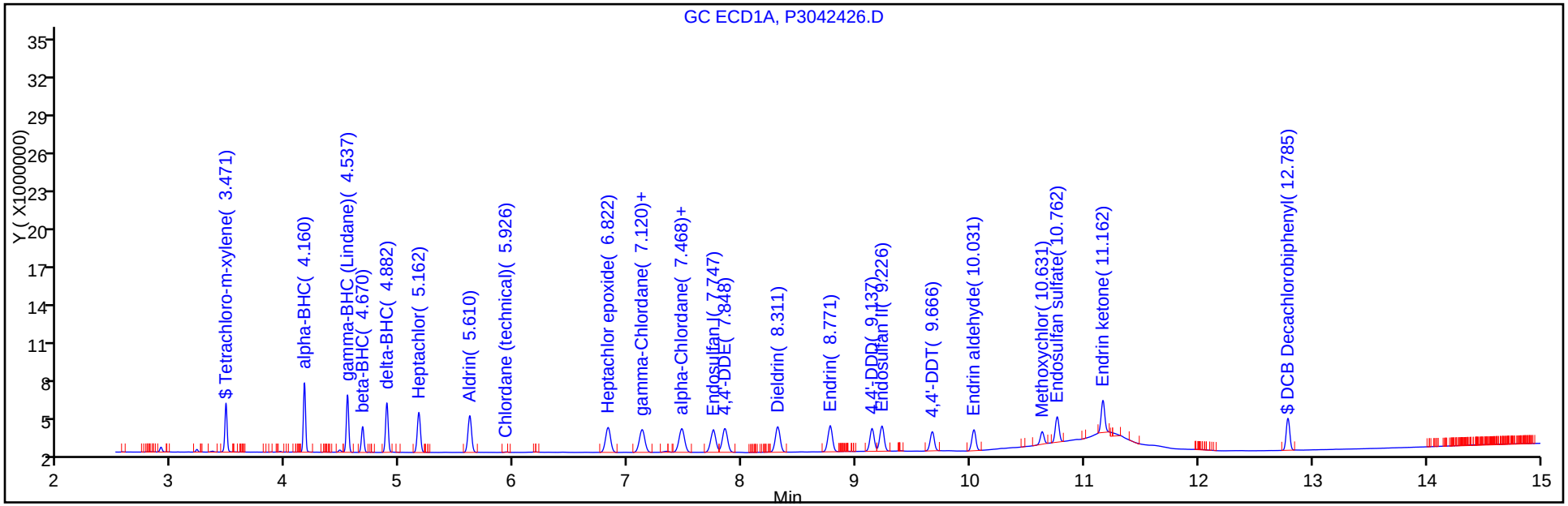
Report Date: 25-Apr-2013 07:51:34 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

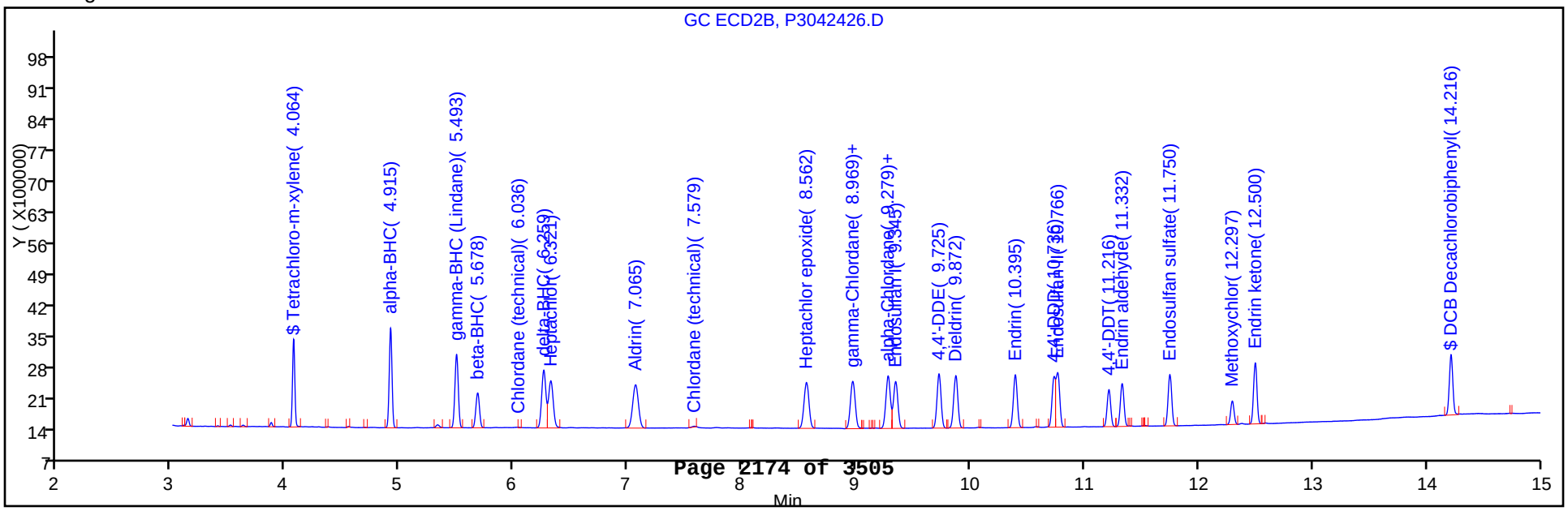
Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042426.D

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

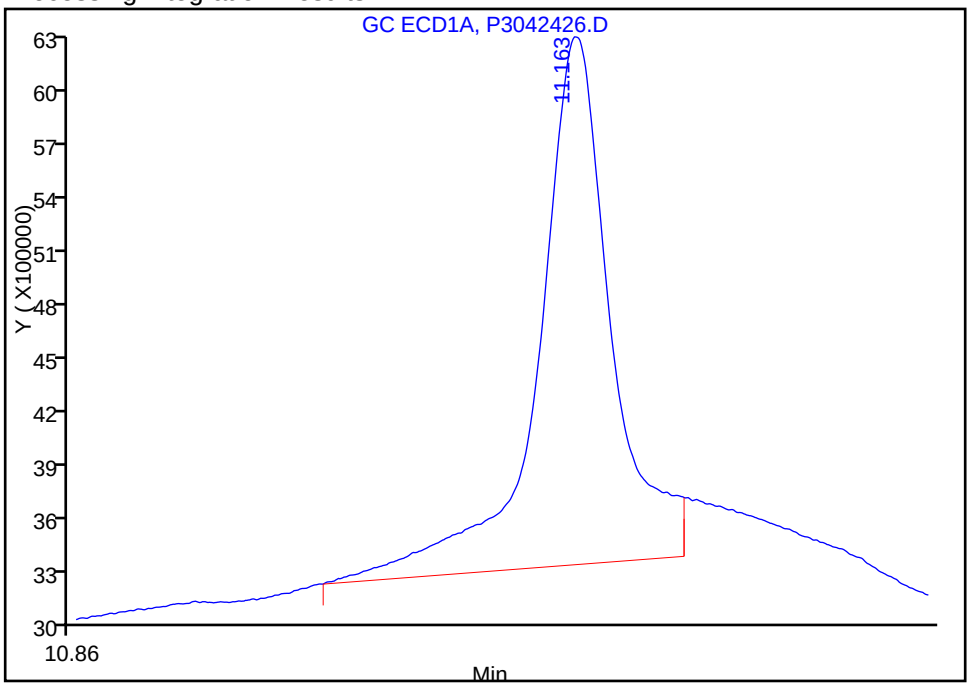
TestAmerica Canton

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

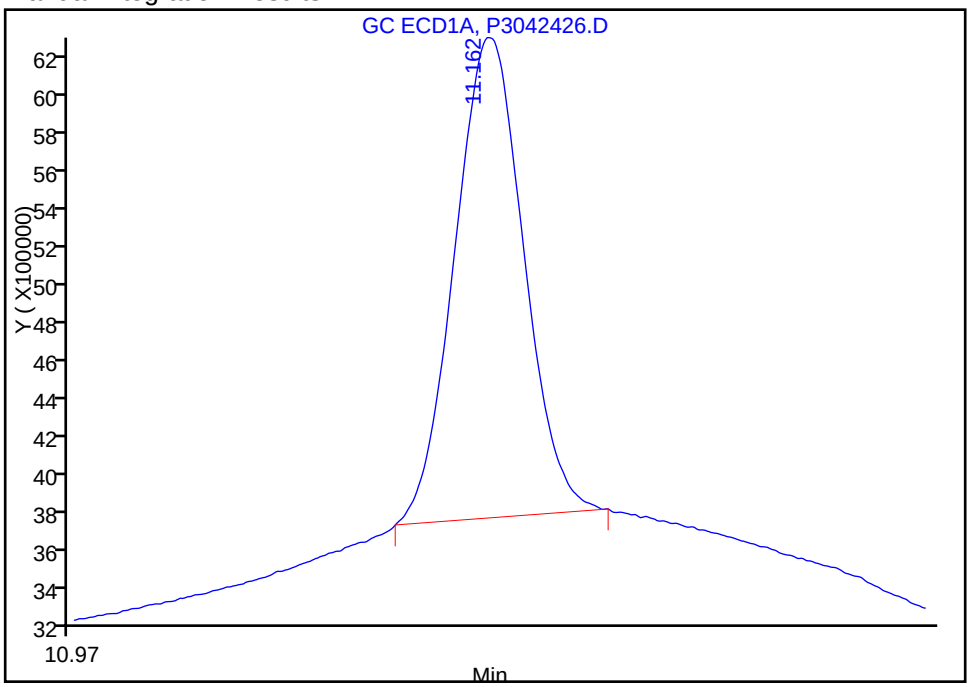
Processing Integration Results

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.: 240-22663-1

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			

Report Date: 25-Apr-2013 07:51:35 Chrom Revision: 2.0 01-Apr-2013 21:16:10
Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042426.D

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

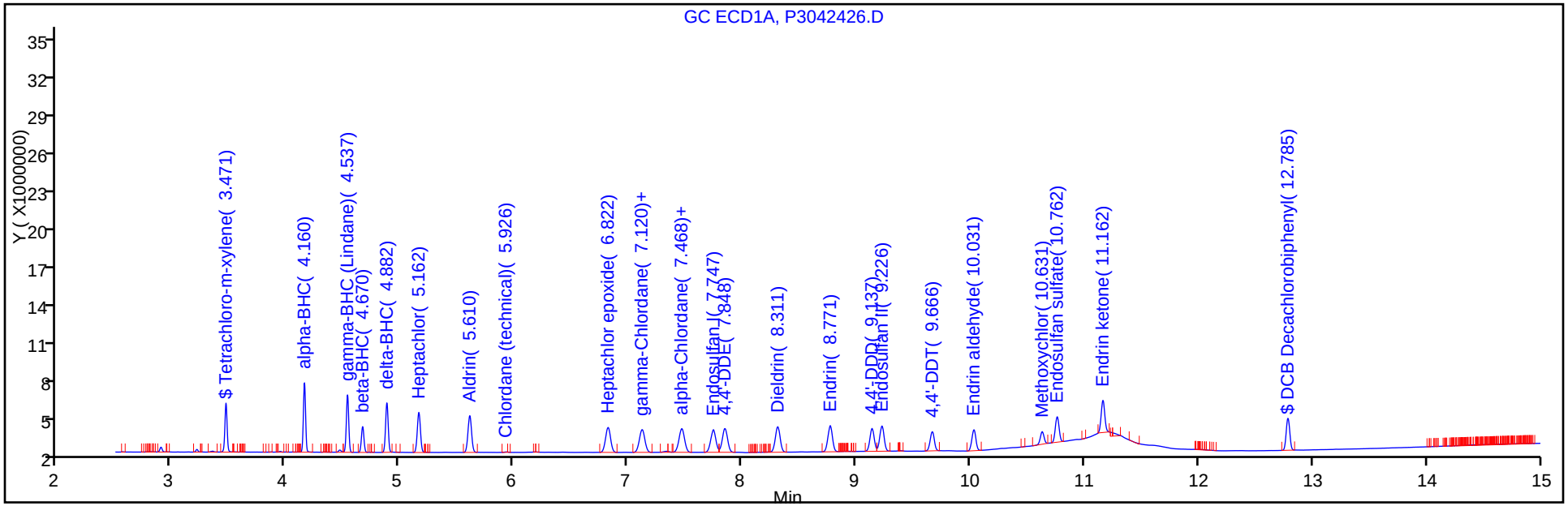
Report Date: 25-Apr-2013 07:51:35 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

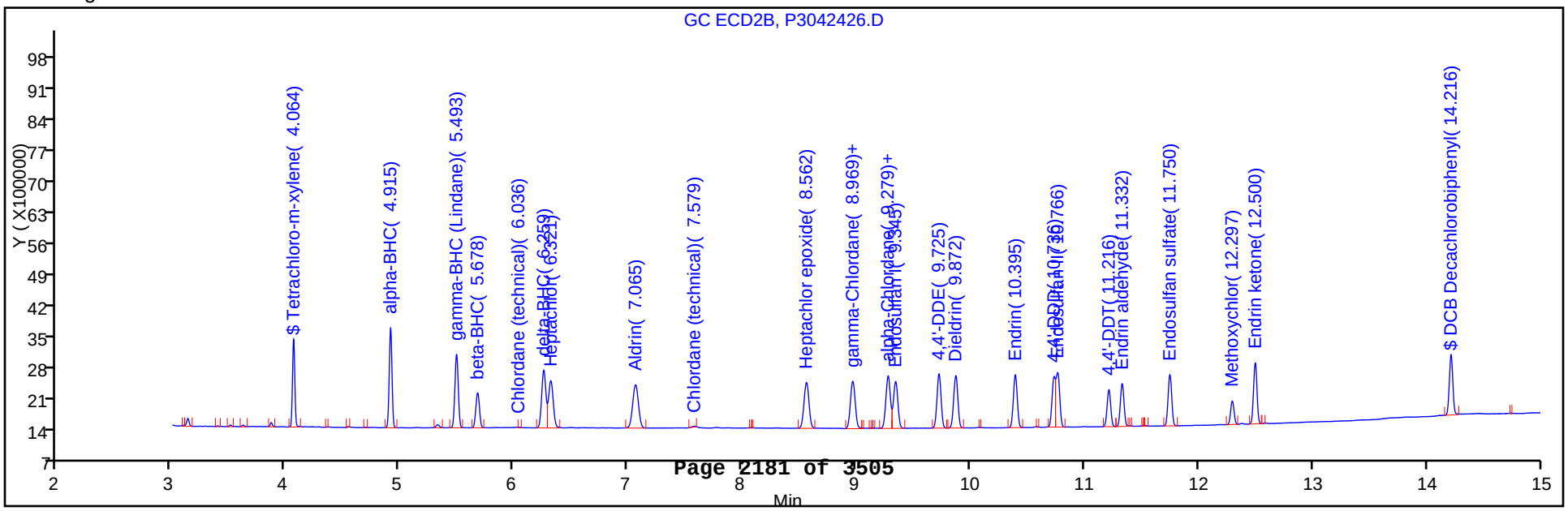
Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042426.D

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.: 240-22663-1

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			
						RPD = 2.85			

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

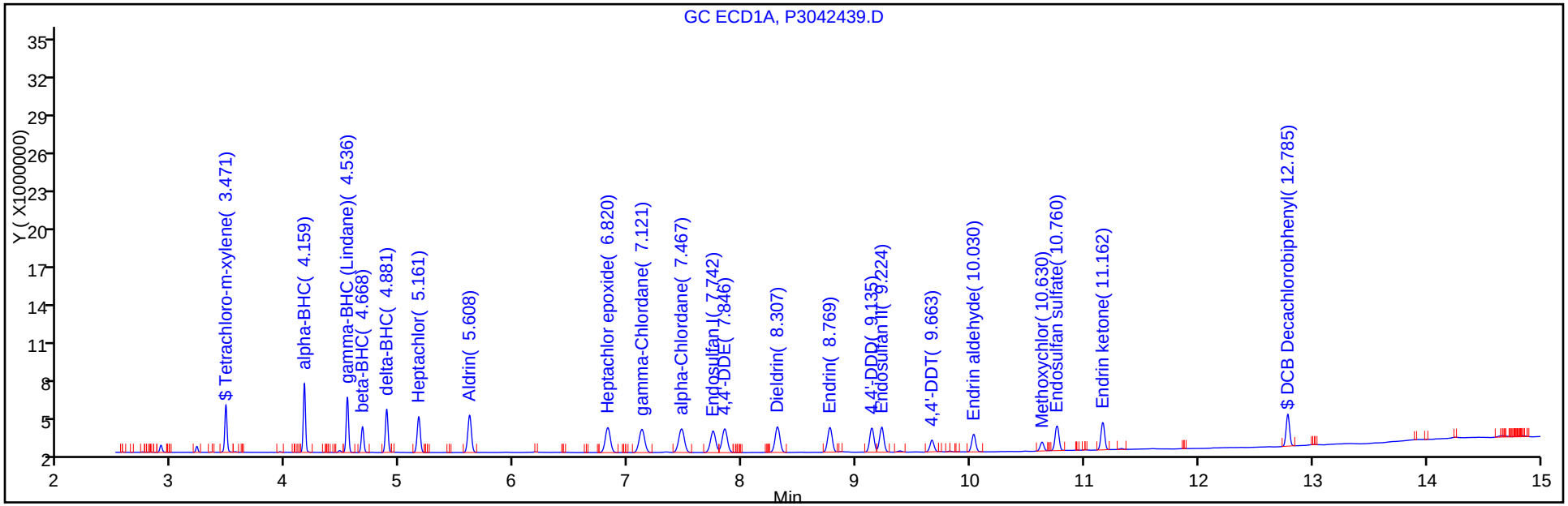
Report Date: 25-Apr-2013 07:51:26 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

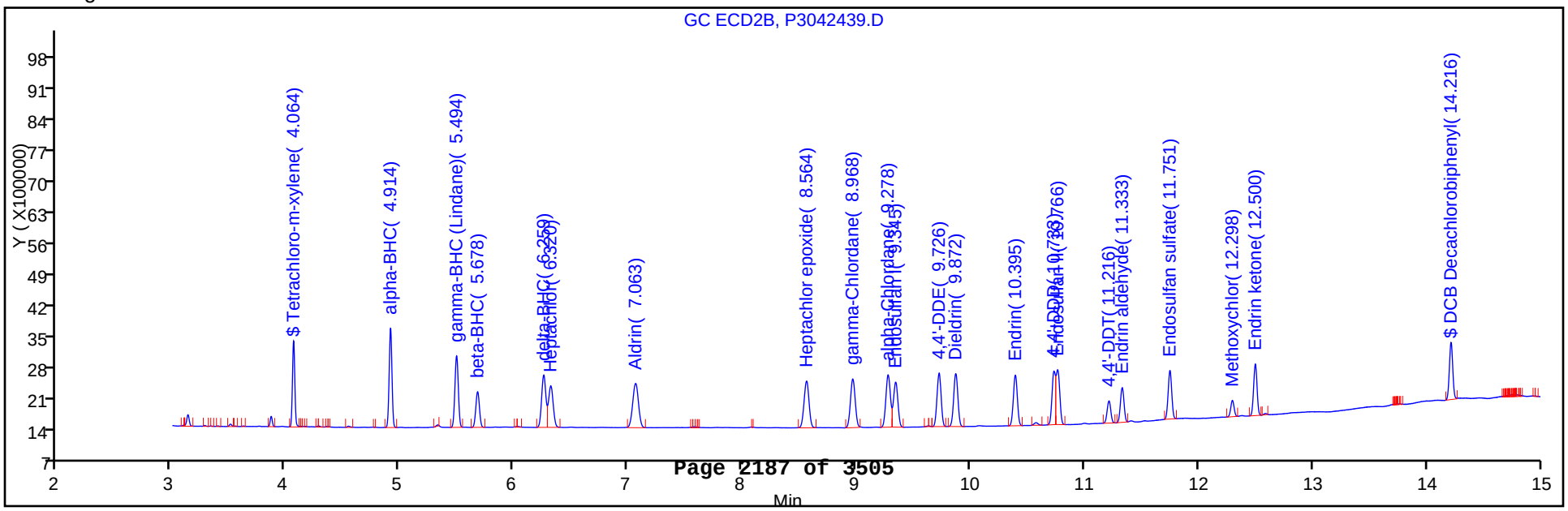
Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042439.D

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.: 240-22663-1

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 = 2.85			

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

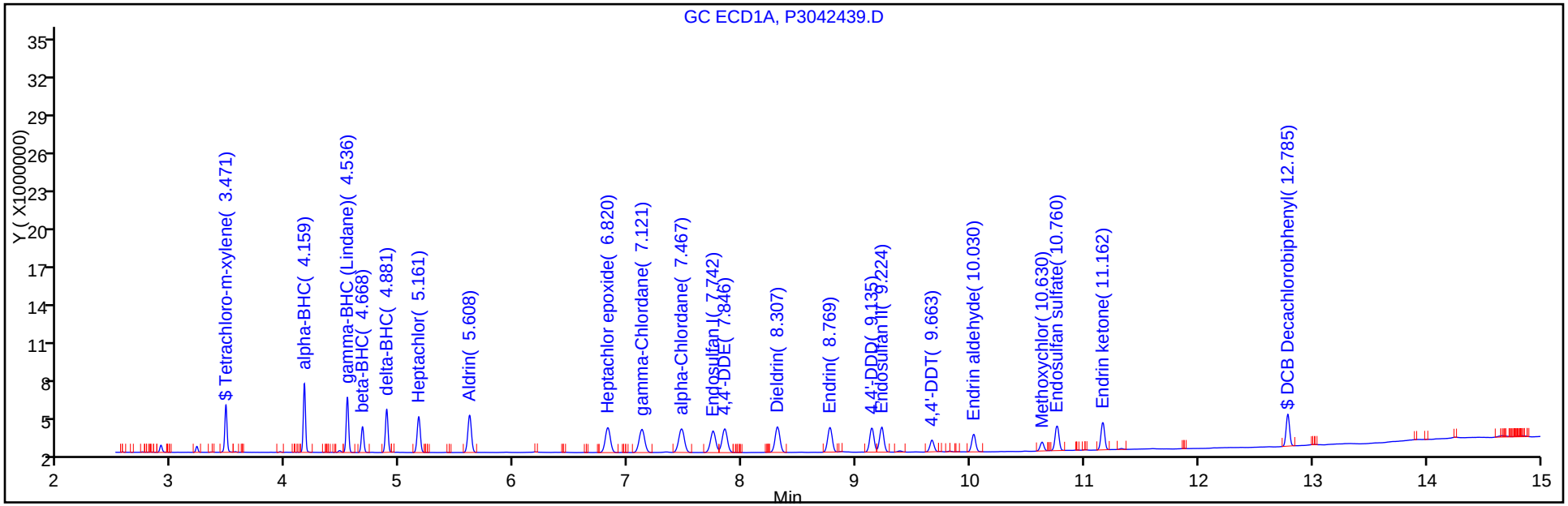
Report Date: 25-Apr-2013 07:51:26 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

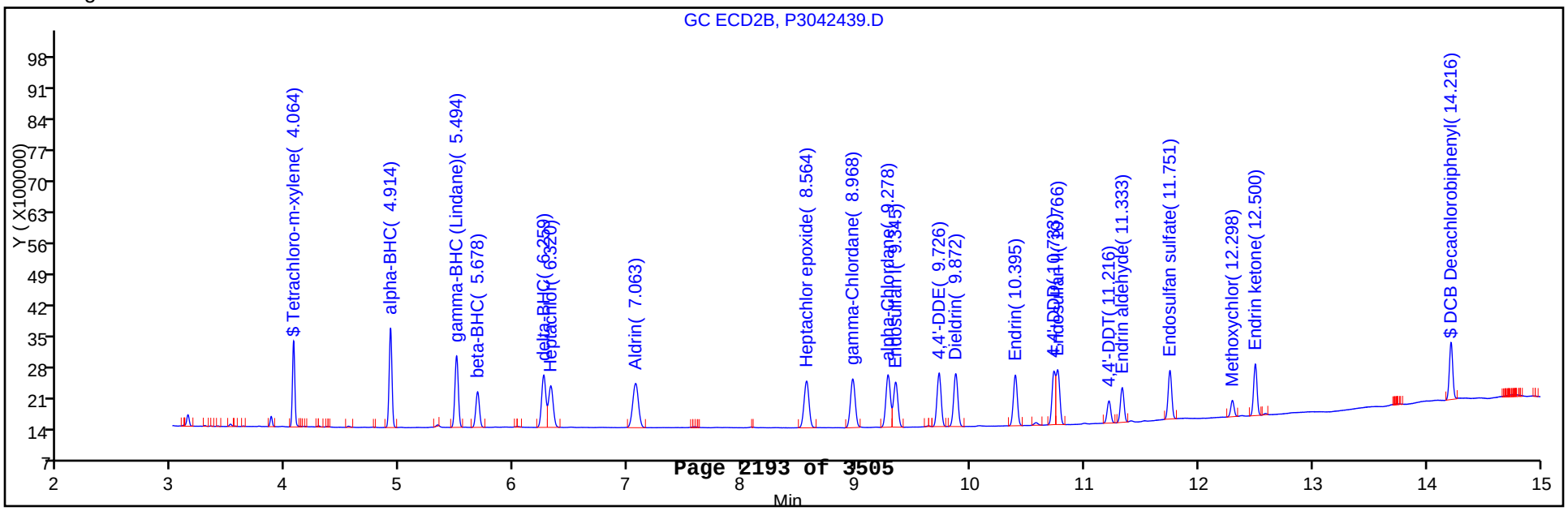
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Injection Date:	24-Apr-2013 22:55:08	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83400	Lims Sample ID:	52
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-22663-1

SDG No.:

Client Sample ID: 079SB-0028M-0001-SO MS RE | Lab Sample ID: 240-22663-28 MS RE

Matrix: Solid | Lab File ID: P3042434.D

Analysis Method: 8081/DOD | Date Collected: 04/01/2013 10:43

Extraction Method: 3540C | Date Extracted: 04/23/2013 08:54

Sample wt/vol: 29.62(g) | Date Analyzed: 04/24/2013 21:14

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	38.3	H	2.0	0.68	0.63
72-55-9	4,4'-DDE	33.1	H	1.7	0.68	0.40
50-29-3	4,4'-DDT	34.4	H	2.0	0.68	0.64
309-00-2	Aldrin	26.3	H	4.1	1.3	1.2
319-84-6	alpha-BHC	31.8	H	2.5	1.3	0.74
5103-71-9	alpha-Chlordane	29.8	H	3.0	1.3	0.95
319-85-7	beta-BHC	29.9	H	3.5	1.3	1.1
319-86-8	delta-BHC	33.3	H	4.1	1.3	1.2
60-57-1	Dieldrin	34.7	H	1.7	0.68	0.48
959-98-8	Endosulfan I	26.9	H	1.7	0.68	0.53
33213-65-9	Endosulfan II	35.0	H	2.5	1.3	0.83
1031-07-8	Endosulfan sulfate	35.5	H	3.0	1.3	0.88
72-20-8	Endrin	35.0	H	1.7	0.68	0.51
7421-93-4	Endrin aldehyde	32.7	H	3.0	1.3	1.0
53494-70-5	Endrin ketone	32.3	H	2.0	0.68	0.64
58-89-9	gamma-BHC (Lindane)	32.7	H	2.5	1.3	0.75
5103-74-2	gamma-Chlordane	34.8	H	1.7	0.68	0.43
76-44-8	Heptachlor	27.2	H	3.5	1.3	1.1
1024-57-3	Heptachlor epoxide	34.2	H	2.5	1.3	0.81
72-43-5	Methoxychlor	38.3	H	5.1	3.3	1.5
8001-35-2	Toxaphene	20	U H	68	20	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	118		55-130
877-09-8	Tetrachloro-m-xylene	94		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042434.D
Lims ID: 240-22663-G-28-G MS Client ID:
Inject. Date: 24-Apr-2013 21:14:17 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0019209-034
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 34
Lims Batch ID: 83400 Lims Sample ID: 34
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130424-19209.b\PEST3.m
Last Update: 26-Apr-2013 09:16:09 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 09:16:09

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	16586802	0.0188			
2	100	4.066	4.064	0.002	8408624	0.0175			
						RPD = 7.08			
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	4.161	4.159	0.002	128051755	0.0942			
2	100	4.917	4.915	0.002	74398416	0.1042			
						RPD = 10.05			
20 gamma-BHC (Lindane)									
1	100	4.538	4.537	0.001	116992409	0.0968			
2	100	5.496	5.494	0.002	65084772	0.1038			
						RPD = 7.01			
7 beta-BHC									
1	100	4.670	4.669	0.001	46036847	0.0887			E
2	100	5.721	5.679	0.042	403477465	1.45			E
						RPD = 176.92			
11 delta-BHC									
1	100	4.882	4.882	0.000	120582343	0.0985			
2	100	6.261	6.259	0.002	57284056	0.0883			
						RPD = 10.97			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
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	5.162	5.163	-0.001	83213271	0.0806			
2	100	6.321	6.322	-0.001	37351930	0.0756			
						RPD = 6.47			
4 Aldrin									
1	100	5.609	5.609	0.000	84748987	0.0779			
2	100	7.065	7.064	0.001	61009778	0.1054			
						RPD = 29.99			
25 Isodrin									
1	100		6.191						
2	100		8.092						
23 Heptachlor epoxide									
1	100	6.822	6.822	0.000	100526251	0.1013			
2	100	8.564	8.565	-0.001	61304935	0.1193			
						RPD = 16.41			
21 gamma-Chlordane									
1	100	7.120	7.121	-0.001	102996614	0.1031			
2	100	8.970	8.970	0.000	55103008	0.1083			
						RPD = 4.92			
6 alpha-Chlordane									
1	100	7.470	7.470	0.000	90308385	0.0883			
2	100	9.280	9.280	0.000	53983572	0.1033			
						RPD = 15.69			
14 Endosulfan I									
1	100	7.746	7.746	0.000	72307654	0.0798			
2	100	9.347	9.346	0.001	50966425	0.1110			
						RPD = 32.74			
2 4,4'-DDE									
1	100	7.847	7.850	-0.003	94962897	0.0980			
2	100	9.727	9.727	0.000	53394052	0.1075			
						RPD = 9.19			
28 Mirex									1
1	100		8.279						
2	100		9.197						
13 Dieldrin									
1	100	8.310	8.310	0.000	102605460	0.1028			
2	100	9.874	9.874	0.000	57515220	0.1149			
						RPD = 11.16			
17 Endrin									
1	100	8.771	8.771	0.000	96326747	0.1036			
2	100	10.396	10.396	0.000	49076244	0.1070			
						RPD = 3.25			

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	9.137	9.139	-0.002	84755091	0.1133			
2	100	10.735	10.736	-0.001	45999754	0.1319			
						RPD = 15.18			
15 Endosulfan II									
1	100	9.224	9.225	-0.001	87121651	0.1037			
2	100	10.767	10.766	0.001	47916795	0.1121			
						RPD = 7.75			
9 Chlorobenzilate									1
1	100		9.243						
2	100		10.562						
3 4,4'-DDT									M
1	100	9.665	9.668	-0.003	71698766	0.1020			
2	100	11.217	11.217	0.000	33772009	0.1090			M
						RPD = 6.71			
18 Endrin aldehyde									
1	100	10.029	10.030	-0.001	62370823	0.0968			
2	100	11.333	11.333	0.000	34354808	0.1063			
						RPD = 9.32			
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	10.628	10.630	-0.002	40077869	0.1133			
2	100	12.299	12.299	0.000	17763727	0.1152			
						RPD = 1.64			
16 Endosulfan sulfate									
1	100	10.762	10.763	-0.001	81638037	0.1052			
2	100	11.752	11.752	0.000	45624455	0.1187			
						RPD = 12.06			
19 Endrin ketone									
1	100	11.162	11.165	-0.003	85839723	0.0956			
2	100	12.501	12.501	0.000	49503019	0.1152			
						RPD = 18.60			
$ 10 DCB Decachlorobiphenyl									
1	100	12.786	12.787	-0.001	19594399	0.0237			
2	100	14.217	14.217	0.000	9088840	0.0210			
						RPD = 11.84			

QC Flag Legend

Processing Flags
1 - Missing Peaks
E - Exceeded Maximum Amount

Review Flags
M - Manually Integrated

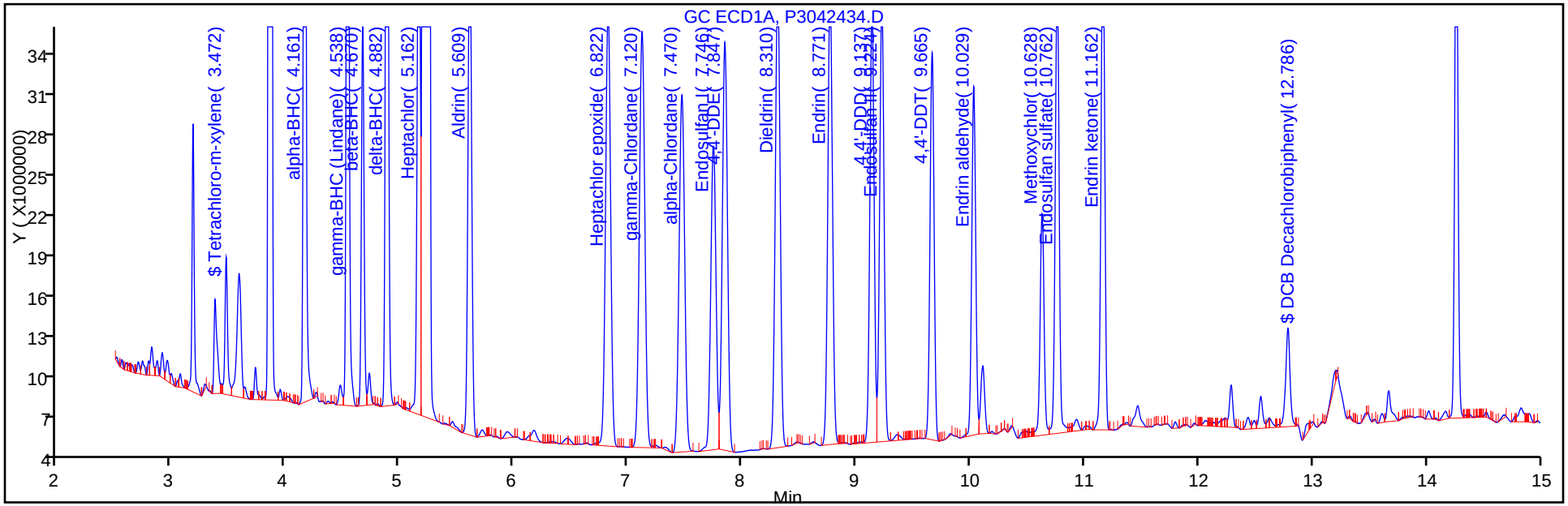
Report Date: 26-Apr-2013 09:16:10 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

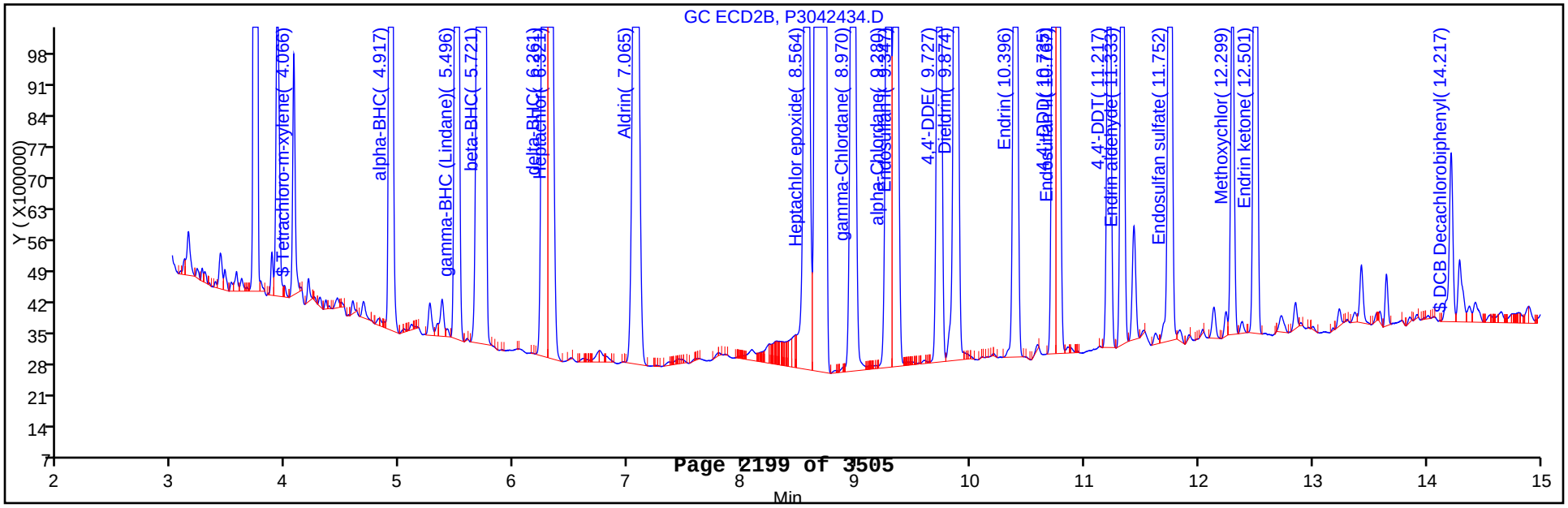
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Injection Date:	24-Apr-2013 21:14:17	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83400	Lims Sample ID:	34
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-22663-1

SDG No.:

Client Sample ID: 079SB-0028M-0001-SO MS RE Lab Sample ID: 240-22663-28 MS RE

Matrix: Solid Lab File ID: P3042434.D

Analysis Method: 8081/DOD Date Collected: 04/01/2013 10:43

Extraction Method: 3540C Date Extracted: 04/23/2013 08:54

Sample wt/vol: 29.62(g) Date Analyzed: 04/24/2013 21:14

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	105		55-130
877-09-8	Tetrachloro-m-xylene	88		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042434.D
Lims ID: 240-22663-G-28-G MS Client ID:
Inject. Date: 24-Apr-2013 21:14:17 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0019209-034
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 34
Lims Batch ID: 83400 Lims Sample ID: 34
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130424-19209.b\PEST3.m
Last Update: 26-Apr-2013 09:16:09 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 09:16:09

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	16586802	0.0188			
2	100	4.066	4.064	0.002	8408624	0.0175			
						RPD = 7.08			
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	4.161	4.159	0.002	128051755	0.0942			
2	100	4.917	4.915	0.002	74398416	0.1042			
						RPD = 10.05			
20 gamma-BHC (Lindane)									
1	100	4.538	4.537	0.001	116992409	0.0968			
2	100	5.496	5.494	0.002	65084772	0.1038			
						RPD = 7.01			
7 beta-BHC									
1	100	4.670	4.669	0.001	46036847	0.0887			E
2	100	5.721	5.679	0.042	403477465	1.45			E
						RPD = 176.92			
11 delta-BHC									
1	100	4.882	4.882	0.000	120582343	0.0985			
2	100	6.261	6.259	0.002	57284056	0.0883			
						RPD = 10.97			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
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	5.162	5.163	-0.001	83213271	0.0806			
2	100	6.321	6.322	-0.001	37351930	0.0756			
						RPD = 6.47			
4 Aldrin									
1	100	5.609	5.609	0.000	84748987	0.0779			
2	100	7.065	7.064	0.001	61009778	0.1054			
						RPD = 29.99			
25 Isodrin									
1	100		6.191						
2	100		8.092						
23 Heptachlor epoxide									
1	100	6.822	6.822	0.000	100526251	0.1013			
2	100	8.564	8.565	-0.001	61304935	0.1193			
						RPD = 16.41			
21 gamma-Chlordane									
1	100	7.120	7.121	-0.001	102996614	0.1031			
2	100	8.970	8.970	0.000	55103008	0.1083			
						RPD = 4.92			
6 alpha-Chlordane									
1	100	7.470	7.470	0.000	90308385	0.0883			
2	100	9.280	9.280	0.000	53983572	0.1033			
						RPD = 15.69			
14 Endosulfan I									
1	100	7.746	7.746	0.000	72307654	0.0798			
2	100	9.347	9.346	0.001	50966425	0.1110			
						RPD = 32.74			
2 4,4'-DDE									
1	100	7.847	7.850	-0.003	94962897	0.0980			
2	100	9.727	9.727	0.000	53394052	0.1075			
						RPD = 9.19			
28 Mirex									1
1	100		8.279						
2	100		9.197						
13 Dieldrin									
1	100	8.310	8.310	0.000	102605460	0.1028			
2	100	9.874	9.874	0.000	57515220	0.1149			
						RPD = 11.16			
17 Endrin									
1	100	8.771	8.771	0.000	96326747	0.1036			
2	100	10.396	10.396	0.000	49076244	0.1070			
						RPD = 3.25			

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	9.137	9.139	-0.002	84755091	0.1133			
2	100	10.735	10.736	-0.001	45999754	0.1319			
						RPD = 15.18			
15 Endosulfan II									
1	100	9.224	9.225	-0.001	87121651	0.1037			
2	100	10.767	10.766	0.001	47916795	0.1121			
						RPD = 7.75			
9 Chlorobenzilate									1
1	100		9.243						
2	100		10.562						
3 4,4'-DDT									M
1	100	9.665	9.668	-0.003	71698766	0.1020			
2	100	11.217	11.217	0.000	33772009	0.1090			M
						RPD = 6.71			
18 Endrin aldehyde									
1	100	10.029	10.030	-0.001	62370823	0.0968			
2	100	11.333	11.333	0.000	34354808	0.1063			
						RPD = 9.32			
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	10.628	10.630	-0.002	40077869	0.1133			
2	100	12.299	12.299	0.000	17763727	0.1152			
						RPD = 1.64			
16 Endosulfan sulfate									
1	100	10.762	10.763	-0.001	81638037	0.1052			
2	100	11.752	11.752	0.000	45624455	0.1187			
						RPD = 12.06			
19 Endrin ketone									
1	100	11.162	11.165	-0.003	85839723	0.0956			
2	100	12.501	12.501	0.000	49503019	0.1152			
						RPD = 18.60			
$ 10 DCB Decachlorobiphenyl									
1	100	12.786	12.787	-0.001	19594399	0.0237			
2	100	14.217	14.217	0.000	9088840	0.0210			
						RPD = 11.84			

QC Flag Legend

Processing Flags
1 - Missing Peaks
E - Exceeded Maximum Amount

Review Flags
M - Manually Integrated

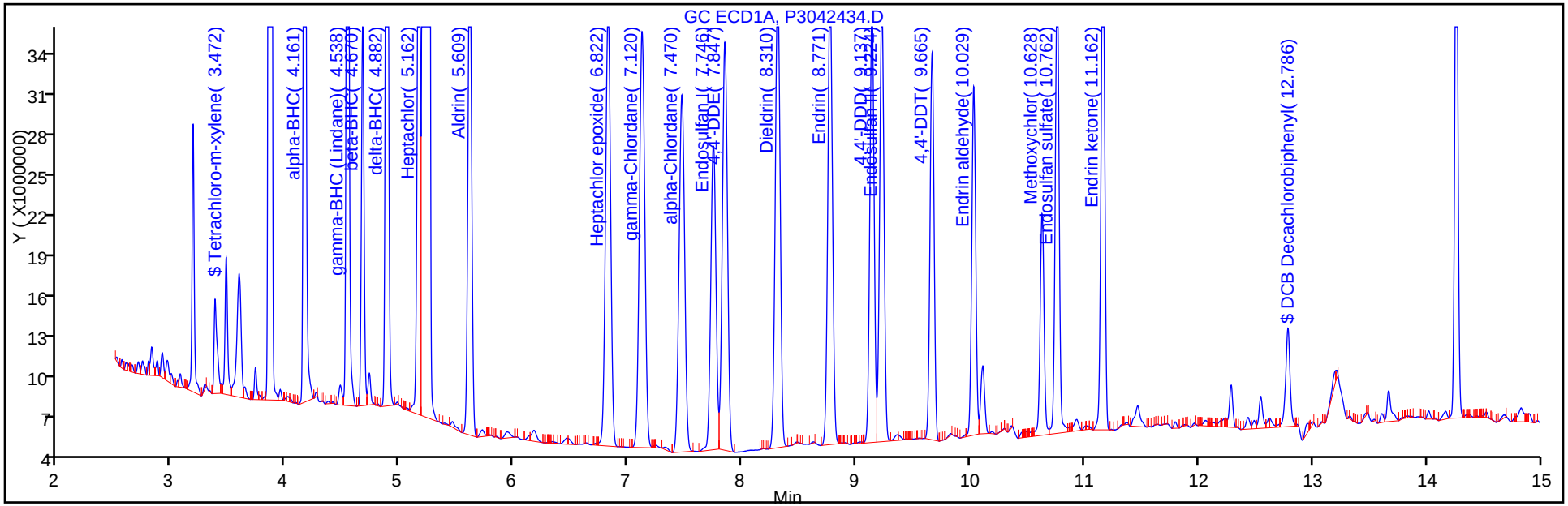
Report Date: 26-Apr-2013 09:16:10 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

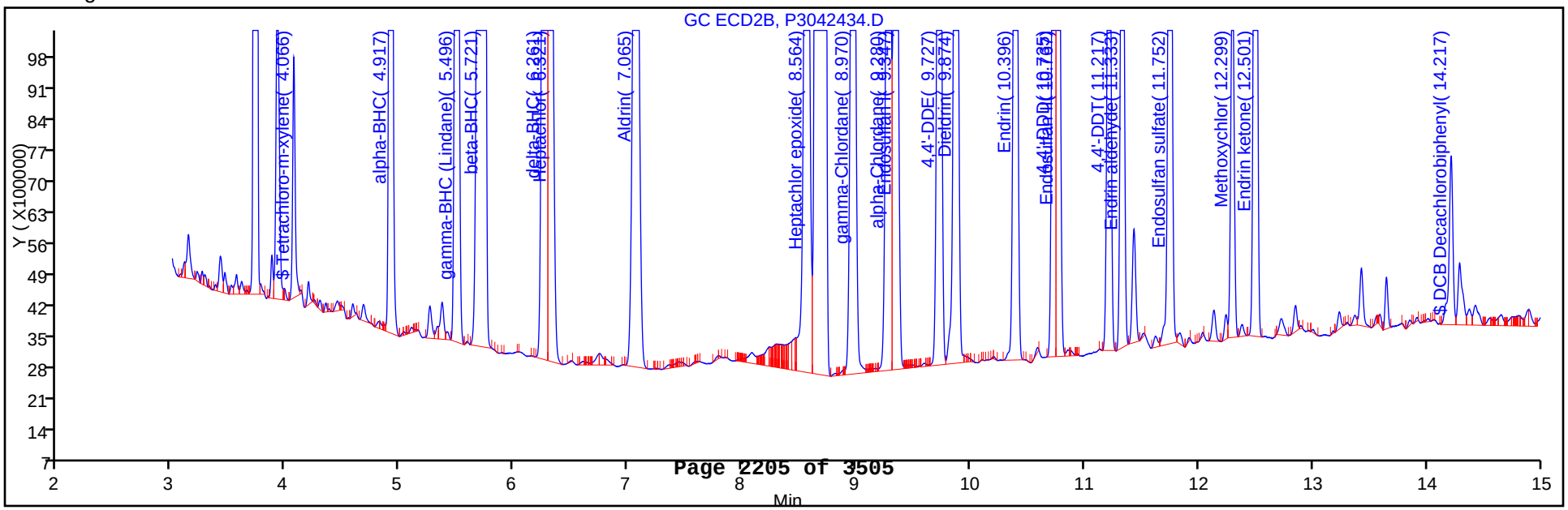
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Injection Date:	24-Apr-2013 21:14:17	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83400	Lims Sample ID:	34
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Manual Integration/User Assign Peak Report

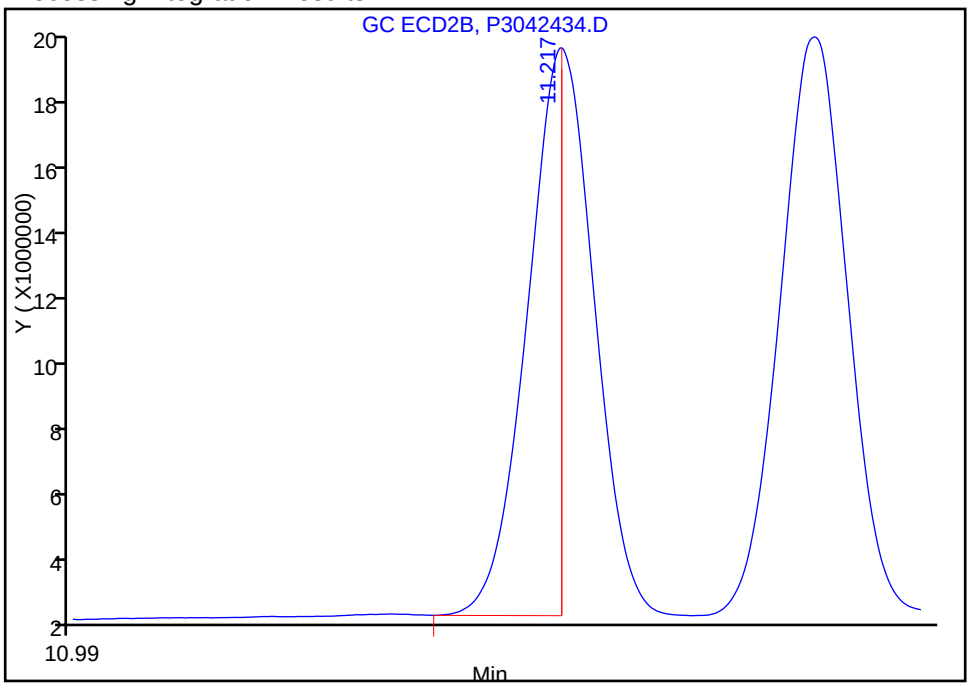
TestAmerica Canton

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Injection Date:	24-Apr-2013 21:14:17	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83400	Lims Sample ID:	34
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 4,4'-DDT, Signal: 2, Type: quant, RT: 11.22, Det: GC ecd2b

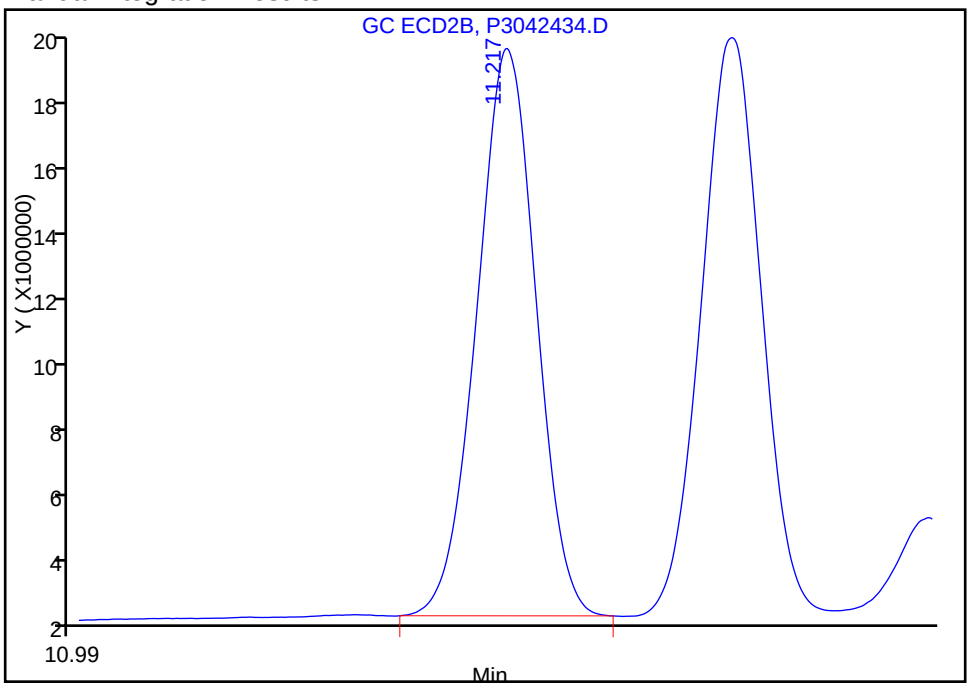
Processing Integration Results

RT: 11.22
Response: 17194171
Amount: 0.055516



Manual Integration Results

RT: 11.22
Response: 33772009
Amount: 0.109042



Reviewer: shockr, 26-Apr-2013 09:16:09
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22663-1

SDG No.:

Client Sample ID: 079SB-0028M-0001-SO MSD | Lab Sample ID: 240-22663-28 MSD RE

Matrix: Solid | Lab File ID: P3042435.D

Analysis Method: 8081/DOD | Date Collected: 04/01/2013 10:43

Extraction Method: 3540C | Date Extracted: 04/23/2013 08:54

Sample wt/vol: 29.90(g) | Date Analyzed: 04/24/2013 21:34

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	36.4	H	2.0	0.67	0.62
72-55-9	4,4'-DDE	32.1	H	1.7	0.67	0.39
50-29-3	4,4'-DDT	31.2	H	2.0	0.67	0.63
309-00-2	Aldrin	25.3	H	4.0	1.3	1.2
319-84-6	alpha-BHC	30.9	H	2.5	1.3	0.73
5103-71-9	alpha-Chlordane	28.6	H	3.0	1.3	0.94
319-85-7	beta-BHC	28.8	H	3.5	1.3	1.1
319-86-8	delta-BHC	31.9	H	4.0	1.3	1.2
60-57-1	Dieldrin	33.3	H	1.7	0.67	0.47
959-98-8	Endosulfan I	26.2	H	1.7	0.67	0.52
33213-65-9	Endosulfan II	33.6	H	2.5	1.3	0.82
1031-07-8	Endosulfan sulfate	32.5	H	3.0	1.3	0.87
72-20-8	Endrin	33.7	H	1.7	0.67	0.50
7421-93-4	Endrin aldehyde	30.9	H	3.0	1.3	1.0
53494-70-5	Endrin ketone	30.2	H	2.0	0.67	0.63
58-89-9	gamma-BHC (Lindane)	31.2	H	2.5	1.3	0.74
5103-74-2	gamma-Chlordane	33.1	H	1.7	0.67	0.42
76-44-8	Heptachlor	25.6	H	3.5	1.3	1.1
1024-57-3	Heptachlor epoxide	32.7	H	2.5	1.3	0.80
72-43-5	Methoxychlor	33.2	H	5.0	3.3	1.5
8001-35-2	Toxaphene	20	U H	67	20	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		55-130
877-09-8	Tetrachloro-m-xylene	87		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042435.D
Lims ID: 240-22663-G-28-H MSD Client ID:
Inject. Date: 24-Apr-2013 21:34:34 Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-0019209-035
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 35
Lims Batch ID: 83400 Lims Sample ID: 35
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 07:21:15

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.473	3.471	0.002	15271587	0.0173			
2	100	4.066	4.064	0.002	9051336	0.0189			
						RPD = 8.54			
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	4.161	4.159	0.002	125403958	0.0923			
2	100	4.916	4.915	0.001	71678940	0.1004			
						RPD = 8.42			
20 gamma-BHC (Lindane)									
1	100	4.538	4.537	0.001	112792827	0.0933			
2	100	5.494	5.494	0.000	62852473	0.1003			
						RPD = 7.17			
7 beta-BHC									
1	100	4.670	4.669	0.001	44641990	0.0860			E
2	100	5.720	5.679	0.041	400591726	1.44			E
						RPD = 177.43			
11 delta-BHC									
1	100	4.883	4.882	0.001	116702875	0.0953			
2	100	6.259	6.259	0.000	55140608	0.0849			
						RPD = 11.51			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
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	5.163	0.000	78908242	0.0765			
2	100	6.320	6.322	-0.002	36232256	0.0733			
						RPD = 4.20			
4 Aldrin									
1	100	5.609	5.609	0.000	82256128	0.0756			
2	100	7.065	7.064	0.001	59287102	0.1024			
						RPD = 30.11			
25 Isodrin									
1	100		6.191						
2	100		8.092						
23 Heptachlor epoxide									
1	100	6.823	6.822	0.001	97184342	0.0979			
2	100	8.563	8.565	-0.002	57665353	0.1123			
						RPD = 13.68			
21 gamma-Chlordane									
1	100	7.120	7.121	-0.001	98963657	0.0991			
2	100	8.970	8.970	0.000	53263732	0.1047			
						RPD = 5.52			
6 alpha-Chlordane									
1	100	7.471	7.470	0.001	87587192	0.0856			
2	100	9.278	9.280	-0.002	52549782	0.1005			
						RPD = 16.06			
14 Endosulfan I									
1	100	7.747	7.746	0.001	71130280	0.0785			
2	100	9.347	9.346	0.001	48771791	0.1062			
						RPD = 30.04			
2 4,4'-DDE									
1	100	7.848	7.850	-0.002	92938889	0.0959			
2	100	9.726	9.727	-0.001	51444823	0.1035			
						RPD = 7.63			
28 Mirex									1
1	100		8.279						
2	100		9.197						
13 Dieldrin									
1	100	8.310	8.310	0.000	99357435	0.0995			
2	100	9.873	9.874	-0.001	55457304	0.1108			
						RPD = 10.73			
17 Endrin									
1	100	8.769	8.771	-0.002	93637259	0.1007			
2	100	10.395	10.396	-0.001	46963090	0.1024			
						RPD = 1.64			

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	9.137	9.139	-0.002	81464824	0.1089			
2	100	10.735	10.736	-0.001	42412849	0.1216			
						RPD = 11.04			
15 Endosulfan II									
1	100	9.223	9.225	-0.002	84457863	0.1006			
2	100	10.766	10.766	0.000	47032887	0.1100			
						RPD = 8.99			
9 Chlorobenzilate									1
1	100		9.243						
2	100		10.562						
3 4,4'-DDT									
1	100	9.664	9.668	-0.004	65519811	0.0932			
2	100	11.216	11.217	-0.001	30620427	0.0989			
						RPD = 5.93			
18 Endrin aldehyde									
1	100	10.029	10.030	-0.001	59516550	0.0924			
2	100	11.333	11.333	0.000	32392393	0.1002			
						RPD = 8.13			
30 Toxaphene									
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	35113729	0.0993			
2	100	12.298	12.299	-0.001	15955018	0.1035			
						RPD = 4.12			
16 Endosulfan sulfate									
1	100	10.761	10.763	-0.002	75288869	0.0971			
2	100	11.751	11.752	-0.001	43143081	0.1123			
						RPD = 14.56			
19 Endrin ketone									
1	100	11.163	11.165	-0.002	81085828	0.0903			
2	100	12.500	12.501	-0.001	47221666	0.1099			
						RPD = 19.57			
$ 10 DCB Decachlorobiphenyl									
1	100	12.785	12.787	-0.002	17058745	0.0206			
2	100	14.217	14.217	0.000	7116798	0.0165			
						RPD = 22.36			

QC Flag Legend

Processing Flags
1 - Missing Peaks
E - Exceeded Maximum Amount

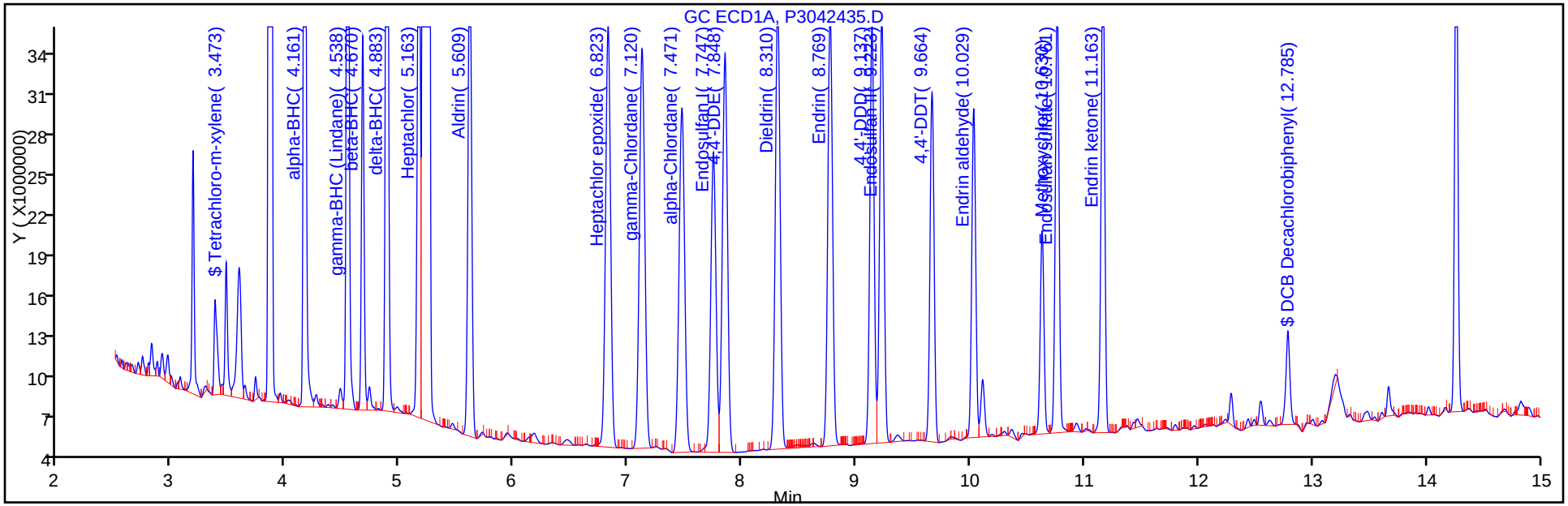
Report Date: 25-Apr-2013 07:51:28 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

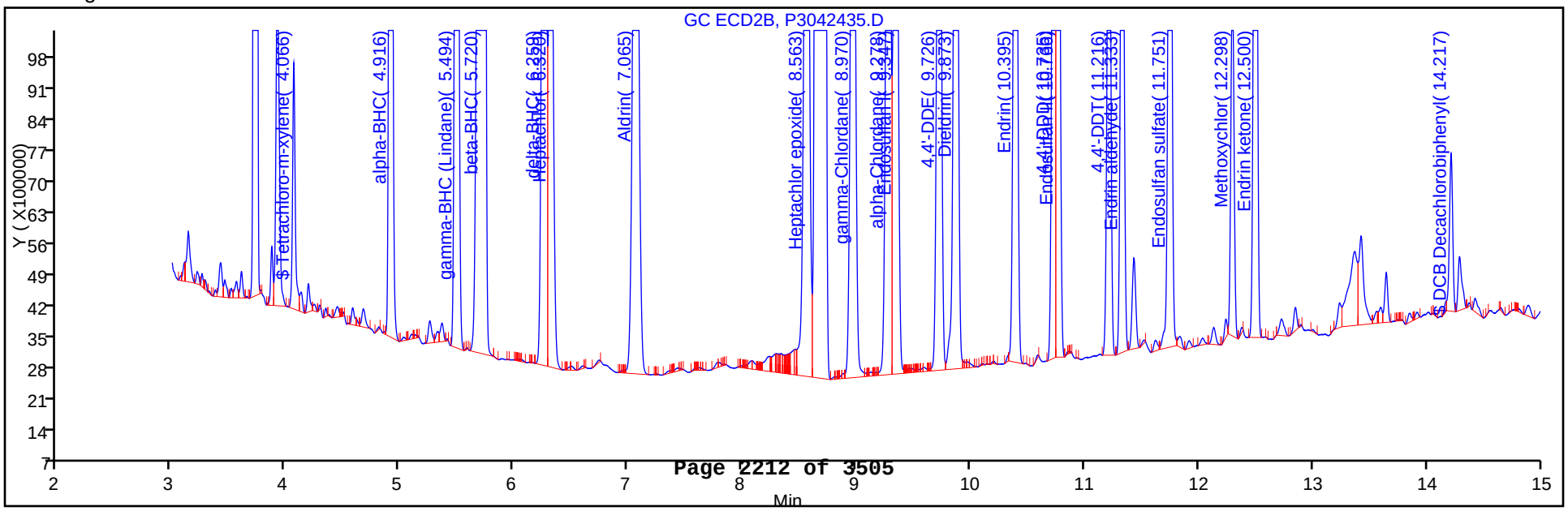
Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042435.D

Injection Date:	24-Apr-2013 21:34:34	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83400	Lims Sample ID:	35
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.: 240-22663-1

SDG No.:

Client Sample ID: 079SB-0028M-0001-SO MSD Lab Sample ID: 240-22663-28 MSD RE

Matrix: Solid Lab File ID: P3042435.D

Analysis Method: 8081/DOD Date Collected: 04/01/2013 10:43

Extraction Method: 3540C Date Extracted: 04/23/2013 08:54

Sample wt/vol: 29.90(g) Date Analyzed: 04/24/2013 21:34

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	82		55-130
877-09-8	Tetrachloro-m-xylene	94		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042435.D
Lims ID: 240-22663-G-28-H MSD Client ID:
Inject. Date: 24-Apr-2013 21:34:34 Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-0019209-035
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 35
Lims Batch ID: 83400 Lims Sample ID: 35
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 07:21:15

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.473	3.471	0.002	15271587	0.0173			
2	100	4.066	4.064	0.002	9051336	0.0189			
						RPD = 8.54			
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	4.161	4.159	0.002	125403958	0.0923			
2	100	4.916	4.915	0.001	71678940	0.1004			
						RPD = 8.42			
20 gamma-BHC (Lindane)									
1	100	4.538	4.537	0.001	112792827	0.0933			
2	100	5.494	5.494	0.000	62852473	0.1003			
						RPD = 7.17			
7 beta-BHC									
1	100	4.670	4.669	0.001	44641990	0.0860			E
2	100	5.720	5.679	0.041	400591726	1.44			E
						RPD = 177.43			
11 delta-BHC									
1	100	4.883	4.882	0.001	116702875	0.0953			
2	100	6.259	6.259	0.000	55140608	0.0849			
						RPD = 11.51			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
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	5.163	0.000	78908242	0.0765			
2	100	6.320	6.322	-0.002	36232256	0.0733			
						RPD = 4.20			
4 Aldrin									
1	100	5.609	5.609	0.000	82256128	0.0756			
2	100	7.065	7.064	0.001	59287102	0.1024			
						RPD = 30.11			
25 Isodrin									
1	100		6.191						
2	100		8.092						
23 Heptachlor epoxide									
1	100	6.823	6.822	0.001	97184342	0.0979			
2	100	8.563	8.565	-0.002	57665353	0.1123			
						RPD = 13.68			
21 gamma-Chlordane									
1	100	7.120	7.121	-0.001	98963657	0.0991			
2	100	8.970	8.970	0.000	53263732	0.1047			
						RPD = 5.52			
6 alpha-Chlordane									
1	100	7.471	7.470	0.001	87587192	0.0856			
2	100	9.278	9.280	-0.002	52549782	0.1005			
						RPD = 16.06			
14 Endosulfan I									
1	100	7.747	7.746	0.001	71130280	0.0785			
2	100	9.347	9.346	0.001	48771791	0.1062			
						RPD = 30.04			
2 4,4'-DDE									
1	100	7.848	7.850	-0.002	92938889	0.0959			
2	100	9.726	9.727	-0.001	51444823	0.1035			
						RPD = 7.63			
28 Mirex									1
1	100		8.279						
2	100		9.197						
13 Dieldrin									
1	100	8.310	8.310	0.000	99357435	0.0995			
2	100	9.873	9.874	-0.001	55457304	0.1108			
						RPD = 10.73			
17 Endrin									
1	100	8.769	8.771	-0.002	93637259	0.1007			
2	100	10.395	10.396	-0.001	46963090	0.1024			
						RPD = 1.64			

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	9.137	9.139	-0.002	81464824	0.1089			
2	100	10.735	10.736	-0.001	42412849	0.1216			
						RPD = 11.04			
15 Endosulfan II									
1	100	9.223	9.225	-0.002	84457863	0.1006			
2	100	10.766	10.766	0.000	47032887	0.1100			
						RPD = 8.99			
9 Chlorobenzilate									1
1	100		9.243						
2	100		10.562						
3 4,4'-DDT									
1	100	9.664	9.668	-0.004	65519811	0.0932			
2	100	11.216	11.217	-0.001	30620427	0.0989			
						RPD = 5.93			
18 Endrin aldehyde									
1	100	10.029	10.030	-0.001	59516550	0.0924			
2	100	11.333	11.333	0.000	32392393	0.1002			
						RPD = 8.13			
30 Toxaphene									
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	35113729	0.0993			
2	100	12.298	12.299	-0.001	15955018	0.1035			
						RPD = 4.12			
16 Endosulfan sulfate									
1	100	10.761	10.763	-0.002	75288869	0.0971			
2	100	11.751	11.752	-0.001	43143081	0.1123			
						RPD = 14.56			
19 Endrin ketone									
1	100	11.163	11.165	-0.002	81085828	0.0903			
2	100	12.500	12.501	-0.001	47221666	0.1099			
						RPD = 19.57			
$ 10 DCB Decachlorobiphenyl									
1	100	12.785	12.787	-0.002	17058745	0.0206			
2	100	14.217	14.217	0.000	7116798	0.0165			
						RPD = 22.36			

QC Flag Legend

Processing Flags
1 - Missing Peaks
E - Exceeded Maximum Amount

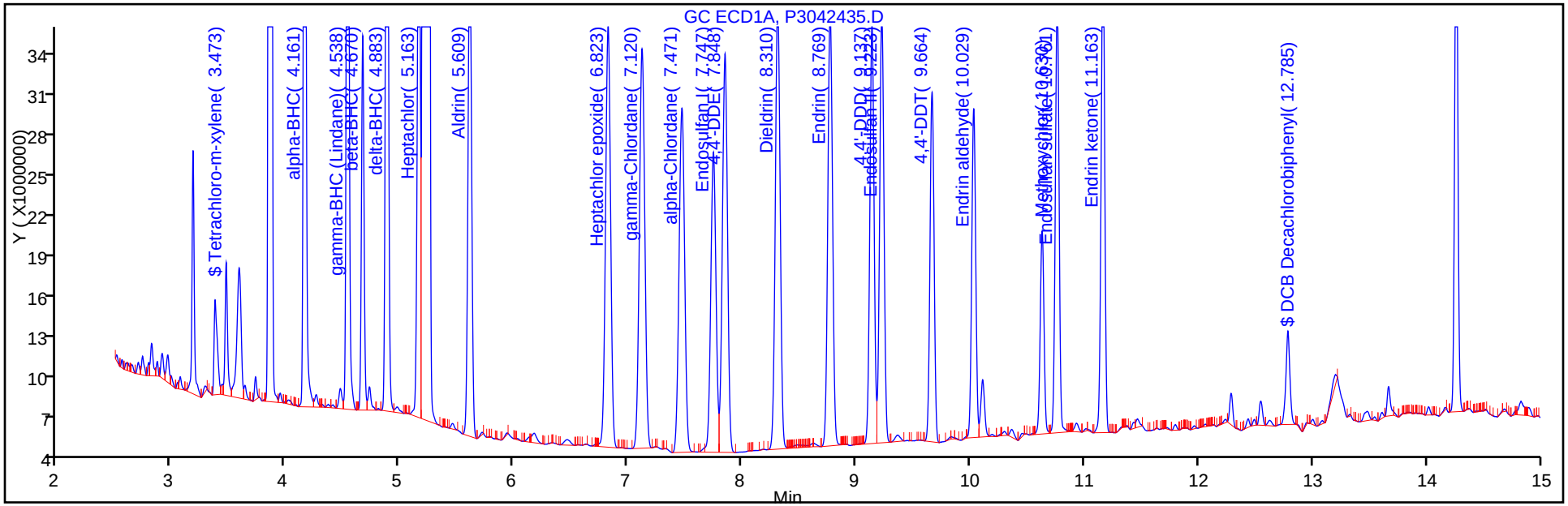
Report Date: 25-Apr-2013 07:51:29 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

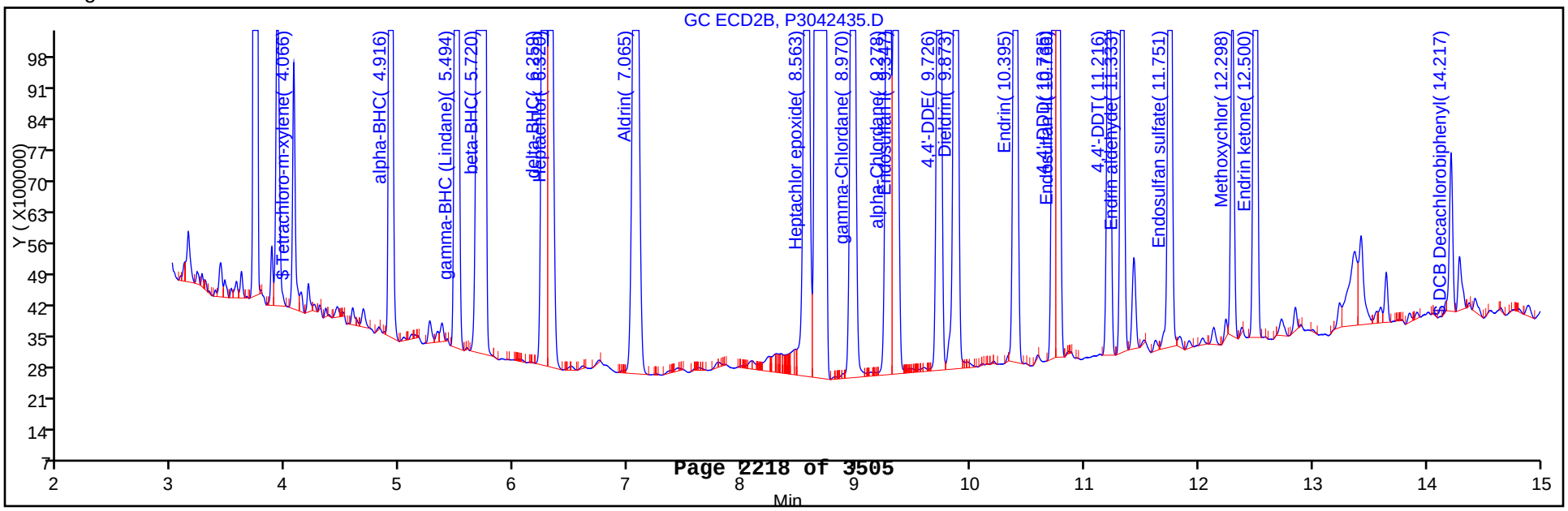
Data File: \\NCChrom\ChromData\A2HP3\20130424-19209.b\P3042435.D

Injection Date:	24-Apr-2013 21:34:34	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	83400	Lims Sample ID:	35
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.: 240-22663-1

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.: 240-22663-1

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.: 240-22663-1

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.: 240-22663-1

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	P3042004.D	CLP-1 0.53(mm)
PEM 240-82857/4		04/20/2013 14:02	1	P3042004.D	CLP-2 0.53(mm)
CCV 240-82857/5 CCVRT		04/20/2013 14:22	1	P3042005.D	CLP-1 0.53(mm)
CCV 240-82857/5 CCVRT		04/20/2013 14:22	1	P3042005.D	CLP-2 0.53(mm)
MRL 240-82857/6		04/20/2013 14:42	1	P3042006.D	CLP-1 0.53(mm)
MRL 240-82857/6		04/20/2013 14:42	1	P3042006.D	CLP-2 0.53(mm)
CCV 240-82857/7		04/20/2013 15:02	1	P3042007.D	CLP-1 0.53(mm)
CCV 240-82857/7		04/20/2013 15:02	1	P3042007.D	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	P3042015.D	CLP-1 0.53(mm)
CCV 240-82857/15		04/20/2013 17:43	1	P3042015.D	CLP-2 0.53(mm)
240-22663-4	079SB-0014M-0001-SO	04/20/2013 18:04	1	P3042016.D	CLP-1 0.53(mm)
240-22663-4	079SB-0014M-0001-SO	04/20/2013 18:04	1	P3042016.D	CLP-2 0.53(mm)
240-22663-7	079SB-0017M-0001-SO	04/20/2013 18:24	1	P3042017.D	CLP-1 0.53(mm)
240-22663-7	079SB-0017M-0001-SO	04/20/2013 18:24	1	P3042017.D	CLP-2 0.53(mm)
240-22663-10	070SB-0046M-0001-SB	04/20/2013 18:44	10	P3042018.D	CLP-1 0.53(mm)
240-22663-10	070SB-0046M-0001-SB	04/20/2013 18:44	10	P3042018.D	CLP-2 0.53(mm)
240-22663-17	073SB-0041M-0001-SO	04/20/2013 19:04	1	P3042019.D	CLP-1 0.53(mm)
240-22663-17	073SB-0041M-0001-SO	04/20/2013 19:04	1	P3042019.D	CLP-2 0.53(mm)
240-22663-26	079SB-0026M-0001-SO	04/20/2013 19:24	1	P3042020.D	CLP-1 0.53(mm)
240-22663-26	079SB-0026M-0001-SO	04/20/2013 19:24	1	P3042020.D	CLP-2 0.53(mm)
240-22663-28	079SB-0028M-0001-SO	04/20/2013 19:44	1	P3042021.D	CLP-1 0.53(mm)
240-22663-28	079SB-0028M-0001-SO	04/20/2013 19:44	1	P3042021.D	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.: 240-22663-1

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		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)
ZZZZZ		04/20/2013 23:25	1		CLP-1 0.53(mm)
ZZZZZ		04/20/2013 23:25	1		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		CLP-1 0.53(mm)
CCV 240-82857/38		04/21/2013 01:26	1		CLP-2 0.53(mm)
MRL 240-82857/39		04/21/2013 01:46	1	P3042039.D	CLP-1 0.53(mm)
MRL 240-82857/39		04/21/2013 01:46	1	P3042039.D	CLP-2 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-22663-1

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	P3042204.D	CLP-1 0.53(mm)
PEM 240-83061/4		04/22/2013 18:32	1	P3042204.D	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.: 240-22663-1

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.: 240-22663-1

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.: 240-22663-1

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)
240-22663-4 RE	079SB-0014M-0001-SO RE	04/24/2013 19:13	1	P3042428.D	CLP-1 0.53(mm)
240-22663-4 RE	079SB-0014M-0001-SO RE	04/24/2013 19:13	1	P3042428.D	CLP-2 0.53(mm)
240-22663-7 RE	079SB-0017M-0001-SO RE	04/24/2013 19:33	1	P3042429.D	CLP-1 0.53(mm)
240-22663-7 RE	079SB-0017M-0001-SO RE	04/24/2013 19:33	1	P3042429.D	CLP-2 0.53(mm)
240-22663-10 RE	070SB-0046M-0001-SB RE	04/24/2013 19:53	10	P3042430.D	CLP-1 0.53(mm)
240-22663-10 RE	070SB-0046M-0001-SB RE	04/24/2013 19:53	10	P3042430.D	CLP-2 0.53(mm)
240-22663-17 RE	073SB-0041M-0001-SO RE	04/24/2013 20:13	1	P3042431.D	CLP-1 0.53(mm)
240-22663-17 RE	073SB-0041M-0001-SO RE	04/24/2013 20:13	1	P3042431.D	CLP-2 0.53(mm)
240-22663-26 RE	079SB-0026M-0001-SO RE	04/24/2013 20:34	1	P3042432.D	CLP-1 0.53(mm)
240-22663-26 RE	079SB-0026M-0001-SO RE	04/24/2013 20:34	1	P3042432.D	CLP-2 0.53(mm)
240-22663-28 RE	079SB-0028M-0001-SO RE	04/24/2013 20:54	1	P3042433.D	CLP-1 0.53(mm)
240-22663-28 RE	079SB-0028M-0001-SO RE	04/24/2013 20:54	1	P3042433.D	CLP-2 0.53(mm)
240-22663-28 MS RE	079SB-0028M-0001-SO MS RE	04/24/2013 21:14	1	P3042434.D	CLP-1 0.53(mm)
240-22663-28 MS RE	079SB-0028M-0001-SO MS RE	04/24/2013 21:14	1	P3042434.D	CLP-2 0.53(mm)
240-22663-28 MSD RE	079SB-0028M-0001-SO MSD RE	04/24/2013 21:34	1	P3042435.D	CLP-1 0.53(mm)
240-22663-28 MSD RE	079SB-0028M-0001-SO MSD RE	04/24/2013 21:34	1	P3042435.D	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)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-22663-1

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		04/24/2013 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)
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 BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-22663-1

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	
240-22663-G-4-A	079SB-0014M-0001 -SO	3540C, 8081/DOD	T	30.09 g	10 mL	1 mL		Assoc w/ 81730	
240-22663-G-7-A	079SB-0017M-0001 -SO	3540C, 8081/DOD	T	29.71 g	10 mL	1 mL		Assoc w/ 81730	
240-22663-B-10-A	070SB-0046M-0001 -SB	3540C, 8081/DOD	T	30.14 g	10 mL	1 mL			
240-22663-G-17-A	073SB-0041M-0001 -SO	3540C, 8081/DOD	T	30.46 g	10 mL	1 mL		Assoc w/ 81730	
240-22663-G-26-A	079SB-0026M-0001 -SO	3540C, 8081/DOD	T	30.04 g	10 mL	1 mL		Assoc w/ 81730	
240-22663-G-28-A	079SB-0028M-0001 -SO	3540C, 8081/DOD	T	30.15 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.: 240-22663-1

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		
240-22663-G-4-A	079SB-0014M-0001 -SO	3540C, 8081/DOD	T	30.43 g	10 mL	1 mL			
240-22663-G-7-A	079SB-0017M-0001 -SO	3540C, 8081/DOD	T	29.95 g	10 mL	1 mL			
240-22663-B-10-A	070SB-0046M-0001 -SB	3540C, 8081/DOD	T	30.32 g	10 mL	1 mL			
240-22663-G-26-A	079SB-0026M-0001 -SO	3540C, 8081/DOD	T	30.38 g	10 mL	1 mL			
240-22663-G-28-A	079SB-0028M-0001 -SO	3540C, 8081/DOD	T	30.33 g	10 mL	1 mL			
240-22663-G-28-A MS	079SB-0028M-0001 -SO	3540C, 8081/DOD	T	29.62 g	10 mL	1 mL	1 mL		
240-22663-G-28-A MSD	079SB-0028M-0001 -SO	3540C, 8081/DOD	T	29.90 g	10 mL	1 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		
240-22663-G-17-A	073SB-0041M-0001 -SO	3540C, 8081/DOD	T	30.02 g	10 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.: 240-22663-1

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 #
079SB-0014M-0001-SO	240-22663-4	52	53	69	68
079SB-0017M-0001-SO	240-22663-7	58	61	66	68
073SB-0041M-0001-SO	240-22663-17	55	56	65	67
079SB-0026M-0001-SO	240-22663-26	50	50	55 Q	56 Q
079SB-0026M-0001-SO	240-22663-26	68	64	64	71
079SB-0028M-0001-SO	240-22663-28	48	49	53 Q	57 Q
079SB-0028M-0001-SO	240-22663-28	138	70	73	85
068SB-0017M-0001-SO	240-22663-31	59	58	64	71
068SB-0018M-0001-SO	240-22663-32	65	61	67	73
068SB-0019M-0001-SO	240-22663-33	84	82	87	93
068SB-0022M-0001-SO	240-22663-34	79	76	76	84
068SB-0020M-0001-SO	240-22663-35	79	76	83	91
068SB-0023M-0001-SO	240-22663-36	76	72	75	82
068SB-0024M-0001-SO	240-22663-37	64	61	68	75
068SB-0025M-0001-SO	240-22663-38	75	66	72	80
068SB-0032-0001-SO	240-22663-39	59	60	64	70
068SB-0027M-0001-SO	240-22663-40	67	67	70	82
068SB-0028M-0001-SO	240-22663-41	51	52	67	70
068SB-0030M-0001-SO	240-22663-43	70	70	74	79
068SB-0031M-0001-SO	240-22663-44	55	55	61	67
	MB 240-81730/20-A	59	60	62	262 Q
	MB 240-81736/24-A	79	75	77	83
	MB 240-83675/20-A	83	60	64	71
	LCS 240-81730/21-A	80	77	81	88
	LCS 240-81736/23-A	115	84	103	98

	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.: 240-22663-1

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 #
	LCS 240-83675/21-A	93	77	64	71

	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.: 240-22663-1

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 240-82267/4	107	115	111	133 Q
	MRL 240-82267/21	113	117	121	133 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.: 240-22663-1

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 240-82363/4	101	108	119	125
	MRL 240-82363/26	117	130	136 Q	138 Q
	MRL 240-82656/4	112	118	134 Q	139 Q
	MRL 240-82656/7	114	121	138 Q	143 Q
	MRL 240-83996/4	94	105	103	107
	MRL 240-83996/10	91	104	109	122

	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.: 240-22663-1

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 LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P4000005.D

Lab ID: LCS 240-81736/23-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor-1016	333	275	83	40-140	
Aroclor-1260	333	327	98	60-130	

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.: 240-22663-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P4000008.D

Lab ID: LCS 240-83675/21-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor-1016	333	192	58	40-140	
Aroclor-1260	333	221	66	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.: 240-22663-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P4000004.D

Lab ID: MRL 240-82267/4 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Aroclor-1016	0.0500	0.0557	111	70-130	
Aroclor-1016	0.0500	0.0514	103	70-130	
Aroclor-1260	0.0500	0.0552	110	70-130	
Aroclor-1260	0.0500	0.0547	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.: 240-22663-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P4000021.D

Lab ID: MRL 240-82267/21 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Aroclor-1016	0.0500	0.0562	112	70-130	
Aroclor-1016	0.0500	0.0559	112	70-130	
Aroclor-1260	0.0500	0.0579	116	70-130	
Aroclor-1260	0.0500	0.0568	114	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.: 240-22663-1

SDG No.:

Matrix: Water 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.: 240-22663-1

SDG No.:

Matrix: Water 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 III
PCBS METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P4000004.D

Lab ID: MRL 240-82656/4 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Aroclor-1016	0.0500	0.0567	113	70-130	
Aroclor-1016	0.0500	0.0526	105	70-130	
Aroclor-1260	0.0500	0.0559	112	70-130	
Aroclor-1260	0.0500	0.0553	111	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.: 240-22663-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P4000007.D

Lab ID: MRL 240-82656/7 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Aroclor-1016	0.0500	0.0525	105	70-130	
Aroclor-1016	0.0500	0.0548	110	70-130	
Aroclor-1260	0.0500	0.0536	107	70-130	
Aroclor-1260	0.0500	0.0558	112	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.: 240-22663-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P4000004.D

Lab ID: MRL 240-83996/4 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Aroclor-1016	0.0500	0.0432 J	86	70-130	
Aroclor-1016	0.0500	0.0443 J	89	70-130	
Aroclor-1260	0.0500	0.0332 J	66	70-130	^
Aroclor-1260	0.0500	0.0443 J	89	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.: 240-22663-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P4000010.D

Lab ID: MRL 240-83996/10 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Aroclor-1016	0.0500	0.0466 J	93	70-130	
Aroclor-1016	0.0500	0.0419 J	84	70-130	
Aroclor-1260	0.0500	0.0458 J	92	70-130	
Aroclor-1260	0.0500	0.0396 J	79	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.: 240-22663-1

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
079SB-0014M-0001-SO	240-22663-4	04/18/2013 10:08	04/18/2013 10:08
079SB-0017M-0001-SO	240-22663-7	04/18/2013 10:24	04/18/2013 10:24
073SB-0041M-0001-SO	240-22663-17	04/18/2013 10:39	04/18/2013 10:39
079SB-0026M-0001-SO	240-22663-26	04/18/2013 10:55	04/18/2013 10:55
079SB-0028M-0001-SO	240-22663-28	04/18/2013 11:11	04/18/2013 11:11
	LCS 240-81730/21-A	04/18/2013 15:05	04/18/2013 15:05

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Lab Sample ID: MB 240-81736/24-A

Matrix: Solid Date Extracted: 04/12/2013 11:46

Lab File ID:(1) P4000019.D Lab File ID:(2) P4000019.D

Date Analyzed:(1) 04/17/2013 14:51 Date Analyzed:(2) 04/17/2013 14:51

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
068SB-0017M-0001-SO	240-22663-31	04/17/2013 11:12	04/17/2013 11:12
068SB-0018M-0001-SO	240-22663-32	04/17/2013 11:28	04/17/2013 11:28
068SB-0024M-0001-SO	240-22663-37	04/17/2013 11:44	04/17/2013 11:44
068SB-0025M-0001-SO	240-22663-38	04/17/2013 11:59	04/17/2013 11:59
068SB-0032-0001-SO	240-22663-39	04/17/2013 12:15	04/17/2013 12:15
068SB-0027M-0001-SO	240-22663-40	04/17/2013 12:31	04/17/2013 12:31
068SB-0028M-0001-SO	240-22663-41	04/17/2013 12:46	04/17/2013 12:46
068SB-0030M-0001-SO	240-22663-43	04/17/2013 13:02	04/17/2013 13:02
068SB-0031M-0001-SO	240-22663-44	04/17/2013 13:17	04/17/2013 13:17
068SB-0019M-0001-SO	240-22663-33	04/17/2013 13:49	04/17/2013 13:49
068SB-0022M-0001-SO	240-22663-34	04/17/2013 14:04	04/17/2013 14:04
068SB-0020M-0001-SO	240-22663-35	04/17/2013 14:20	04/17/2013 14:20
068SB-0023M-0001-SO	240-22663-36	04/17/2013 14:35	04/17/2013 14:35
	LCS 240-81736/23-A	04/19/2013 09:06	04/19/2013 09:06

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Lab Sample ID: MB 240-83675/20-A

Matrix: Solid Date Extracted: 04/26/2013 08:24

Lab File ID:(1) P4000007.D Lab File ID:(2) P4000007.D

Date Analyzed:(1) 04/29/2013 09:20 Date Analyzed:(2) 04/29/2013 09:20

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
079SB-0026M-0001-SO	240-22663-26	04/29/2013 08:49	04/29/2013 08:49
079SB-0028M-0001-SO	240-22663-28	04/29/2013 09:04	04/29/2013 09:04
	LCS 240-83675/21-A	04/29/2013 09:35	04/29/2013 09:35

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Sample No.: CCV 240-82267/3 Date Analyzed: 04/17/2013 09:56

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 240-82267/3 CCVRT		04/17/2013 09:56	P4000003.D	1.28	6.62	
240-22663-31	068SB-0017M-0001-SO	04/17/2013 11:12	P4000005.D	1.28	6.63	
240-22663-32	068SB-0018M-0001-SO	04/17/2013 11:28	P4000006.D	1.28	6.62	
240-22663-37	068SB-0024M-0001-SO	04/17/2013 11:44	P4000007.D	1.28	6.62	
240-22663-38	068SB-0025M-0001-SO	04/17/2013 11:59	P4000008.D	1.28	6.62	
240-22663-39	068SB-0032-0001-SO	04/17/2013 12:15	P4000009.D	1.28	6.62	
240-22663-40	068SB-0027M-0001-SO	04/17/2013 12:31	P4000010.D	1.28	6.62	
240-22663-41	068SB-0028M-0001-SO	04/17/2013 12:46	P4000011.D	1.28	6.62	
240-22663-43	068SB-0030M-0001-SO	04/17/2013 13:02	P4000012.D	1.28	6.62	
240-22663-44	068SB-0031M-0001-SO	04/17/2013 13:17	P4000013.D	1.28	6.62	
CCV 240-82267/14		04/17/2013 13:33	P4000014.D	1.28	6.62	
240-22663-33	068SB-0019M-0001-SO	04/17/2013 13:49	P4000015.D	1.28	6.62	
240-22663-34	068SB-0022M-0001-SO	04/17/2013 14:04	P4000016.D	1.28	6.62	
240-22663-35	068SB-0020M-0001-SO	04/17/2013 14:20	P4000017.D	1.28	6.62	
240-22663-36	068SB-0023M-0001-SO	04/17/2013 14:35	P4000018.D	1.28	6.62	
MB 240-81736/24-A		04/17/2013 14:51	P4000019.D	1.28	6.62	
CCV 240-82267/23		04/17/2013 15:38	P4000022.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.: 240-22663-1

SDG No.:

Sample No.: CCV 240-82267/3 Date Analyzed: 04/17/2013 09:56

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 240-82267/3 CCVRT		04/17/2013 09:56	P4000003.D	1.68	7.84	
240-22663-31	068SB-0017M-0001-SO	04/17/2013 11:12	P4000005.D	1.68	7.84	
240-22663-32	068SB-0018M-0001-SO	04/17/2013 11:28	P4000006.D	1.68	7.84	
240-22663-37	068SB-0024M-0001-SO	04/17/2013 11:44	P4000007.D	1.68	7.84	
240-22663-38	068SB-0025M-0001-SO	04/17/2013 11:59	P4000008.D	1.68	7.84	
240-22663-39	068SB-0032-0001-SO	04/17/2013 12:15	P4000009.D	1.68	7.84	
240-22663-40	068SB-0027M-0001-SO	04/17/2013 12:31	P4000010.D	1.68	7.84	
240-22663-41	068SB-0028M-0001-SO	04/17/2013 12:46	P4000011.D	1.68	7.84	
240-22663-43	068SB-0030M-0001-SO	04/17/2013 13:02	P4000012.D	1.68	7.84	
240-22663-44	068SB-0031M-0001-SO	04/17/2013 13:17	P4000013.D	1.68	7.84	
CCV 240-82267/14		04/17/2013 13:33	P4000014.D	1.68	7.84	
240-22663-33	068SB-0019M-0001-SO	04/17/2013 13:49	P4000015.D	1.68	7.84	
240-22663-34	068SB-0022M-0001-SO	04/17/2013 14:04	P4000016.D	1.68	7.84	
240-22663-35	068SB-0020M-0001-SO	04/17/2013 14:20	P4000017.D	1.68	7.84	
240-22663-36	068SB-0023M-0001-SO	04/17/2013 14:35	P4000018.D	1.68	7.84	
MB 240-81736/24-A		04/17/2013 14:51	P4000019.D	1.68	7.84	
CCV 240-82267/23		04/17/2013 15:38	P4000022.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.: 240-22663-1

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	
240-22663-4	079SB-0014M-0001-SO	04/18/2013 10:08	P4000005.D	1.28	6.62	
240-22663-7	079SB-0017M-0001-SO	04/18/2013 10:24	P4000006.D	1.28	6.62	
240-22663-17	073SB-0041M-0001-SO	04/18/2013 10:39	P4000007.D	1.28	6.62	
240-22663-26	079SB-0026M-0001-SO	04/18/2013 10:55	P4000008.D	1.28	6.62	
240-22663-28	079SB-0028M-0001-SO	04/18/2013 11:11	P4000009.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	
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.: 240-22663-1

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	
240-22663-4	079SB-0014M-0001-SO	04/18/2013 10:08	P4000005.D	1.68	7.84	
240-22663-7	079SB-0017M-0001-SO	04/18/2013 10:24	P4000006.D	1.68	7.84	
240-22663-17	073SB-0041M-0001-SO	04/18/2013 10:39	P4000007.D	1.68	7.84	
240-22663-26	079SB-0026M-0001-SO	04/18/2013 10:55	P4000008.D	1.69	7.84	
240-22663-28	079SB-0028M-0001-SO	04/18/2013 11:11	P4000009.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	
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.: 240-22663-1

SDG No.:

Sample No.: CCV 240-82656/3 Date Analyzed: 04/19/2013 08:35

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 240-82656/3 CCVRT		04/19/2013 08:35	P4000003.D	1.28	6.63	
LCS 240-81736/23-A		04/19/2013 09:06	P4000005.D	1.28	6.63	
CCV 240-82656/6		04/19/2013 09:22	P4000006.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.: 240-22663-1

SDG No.:

Sample No.: CCV 240-82656/3 Date Analyzed: 04/19/2013 08:35

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 240-82656/3 CCVRT		04/19/2013 08:35	P4000003.D	1.69	7.85	
LCS 240-81736/23-A		04/19/2013 09:06	P4000005.D	1.69	7.85	
CCV 240-82656/6		04/19/2013 09:22	P4000006.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 VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-22663-1

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.: 240-22663-1

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 VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Sample No.: CCV 240-83996/3 Date Analyzed: 04/29/2013 08:18

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				1.29	6.65	
UPPER LIMIT				1.39	6.75	
LOWER LIMIT				1.19	6.55	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-83996/3 CCVRT		04/29/2013 08:18	P4000003.D	1.29	6.65	
240-22663-26	079SB-0026M-0001-SO	04/29/2013 08:49	P4000005.D	1.30	6.65	
240-22663-28	079SB-0028M-0001-SO	04/29/2013 09:04	P4000006.D	1.30	6.65	
MB 240-83675/20-A		04/29/2013 09:20	P4000007.D	1.30	6.65	
LCS 240-83675/21-A		04/29/2013 09:35	P4000008.D	1.30	6.65	
CCV 240-83996/9		04/29/2013 09:51	P4000009.D	1.29	6.65	

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.: 240-22663-1

SDG No.:

Sample No.: CCV 240-83996/3 Date Analyzed: 04/29/2013 08:18

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				1.70	7.87	
UPPER LIMIT				1.80	7.97	
LOWER LIMIT				1.60	7.77	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-83996/3 CCVRT		04/29/2013 08:18	P4000003.D	1.70	7.87	
240-22663-26	079SB-0026M-0001-SO	04/29/2013 08:49	P4000005.D	1.71	7.87	
240-22663-28	079SB-0028M-0001-SO	04/29/2013 09:04	P4000006.D	1.71	7.87	
MB 240-83675/20-A		04/29/2013 09:20	P4000007.D	1.71	7.87	
LCS 240-83675/21-A		04/29/2013 09:35	P4000008.D	1.71	7.87	
CCV 240-83996/9		04/29/2013 09:51	P4000009.D	1.70	7.87	

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.: 240-22663-1

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 X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-81736/23-A

Instrument ID (1): A2HP4 Instrument ID (2): A2HP4

Date Analyzed (1): 04/19/2013 09:06 Date Analyzed (2): 04/19/2013 09:06

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	248	275	4.1
		2	2.54	2.44	2.64	262		
		3	3.00	2.90	3.10	310		
		4	3.14	3.04	3.24	271		
		5	3.24	3.14	3.34	285		
	2	1	1.55	1.45	1.65	238	287	
		2	1.83	1.73	1.93	274		
		3	2.22	2.12	2.32	324		
		4	2.34	2.24	2.44	314		
		5	2.72	2.62	2.82	282		
Aroclor-1260	1	1	4.95	4.85	5.05	304	327	3.0
		2	5.18	5.08	5.28	314		
		3	5.55	5.45	5.65	328		
		4	6.23	6.13	6.33	338		
		5	6.61	6.51	6.71	353		
	2	1	3.92	3.82	4.02	303	337	
		2	4.21	4.11	4.31	320		
		3	4.49	4.39	4.59	340		
		4	5.19	5.09	5.29	340		
		5	5.47	5.37	5.57	383		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-83675/21-A

Instrument ID (1): A2HP4 Instrument ID (2): A2HP4

Date Analyzed (1): 04/29/2013 09:35 Date Analyzed (2): 04/29/2013 09:35

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	2.17	2.07	2.27	167	192	14.1
		2	2.57	2.46	2.66	190		
		3	3.02	2.92	3.12	213		
		4	3.16	3.06	3.26	177		
		5	3.26	3.16	3.36	211		
	2	1	1.57	1.46	1.66	190	221	
		2	1.85	1.75	1.95	217		
		3	2.25	2.14	2.34	260		
		4	2.37	2.26	2.46	237		
		5	2.75	2.64	2.84	199		
Aroclor-1260	1	1	4.97	4.87	5.07	213	221	11.7
		2	5.20	5.10	5.30	215		
		3	5.57	5.47	5.67	223		
		4	6.26	6.16	6.36	229		
		5	6.64	6.54	6.74	227		
	2	1	3.94	3.84	4.04	227	249	
		2	4.23	4.13	4.33	236		
		3	4.51	4.42	4.62	250		
		4	5.21	5.12	5.32	255		
		5	5.50	5.41	5.61	277		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Client Sample ID: 079SB-0014M-0001-SO Lab Sample ID: 240-22663-4

Matrix: Solid Lab File ID: P4000005.D

Analysis Method: 8082/DOD Date Collected: 04/01/2013 10:12

Extraction Method: 3540C Date Extracted: 04/12/2013 11:18

Sample wt/vol: 30.09(g) Date Analyzed: 04/18/2013 10:08

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	53		40-140
2051-24-3	DCB Decachlorobiphenyl	68		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000005.D		
Lims ID:	240-22663-G-4-C	Client ID:	079SB-0014M-0001-SO
Inject. Date:	18-Apr-2013 10:08:37	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018971-005		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	5
Lims Batch ID:	82363	Lims Sample ID:	5
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	1.276	-0.001	16869365	0.0107			
2	2	1.683	1.682	0.001	16391452	0.0104			
						RPD = 2.51			
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						

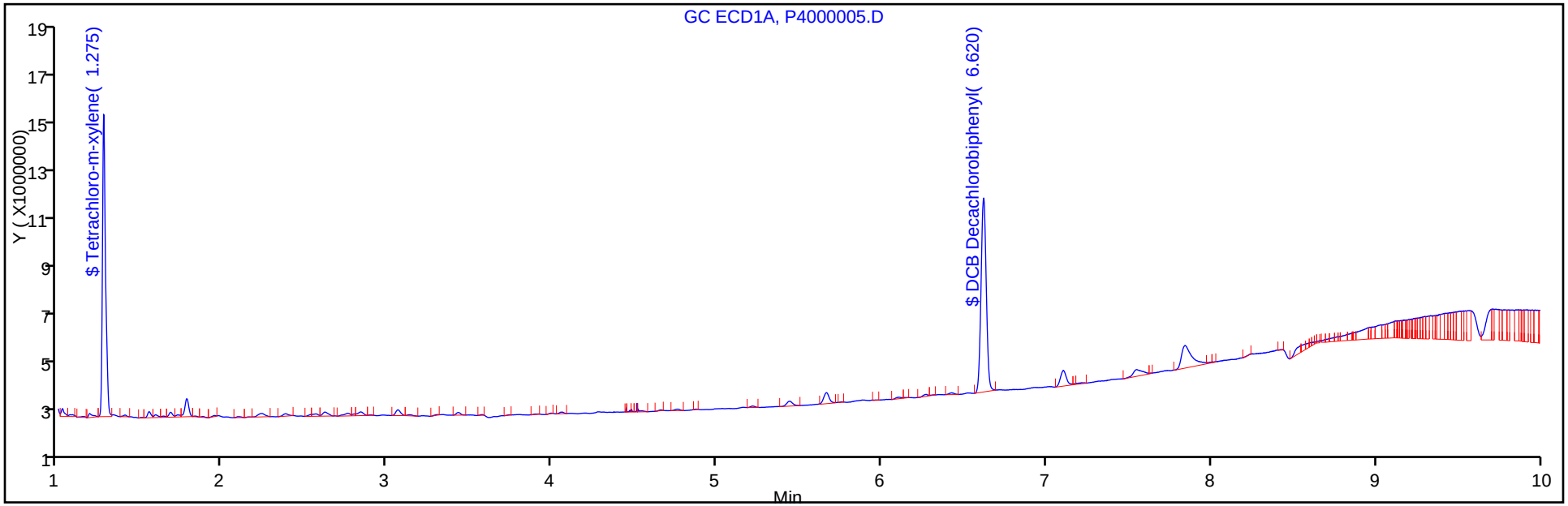
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.916						
1	2		4.201						
1	3		4.482						
1	4		5.182						
1	5		5.467						
2	6		4.943						
2	7		5.173						
2	8		5.542						
2	9		6.226						
2	10		6.607						
$ 12 DCB Decachlorobiphenyl									
1	100	6.620	6.620	0.000	18074331	0.0135			
2	2	7.842	7.841	0.001	20083114	0.0138			
						RPD = 1.84			

Report Date: 19-Apr-2013 14:47:57 Chrom Revision: 2.0 01-Apr-2013 21:16:10

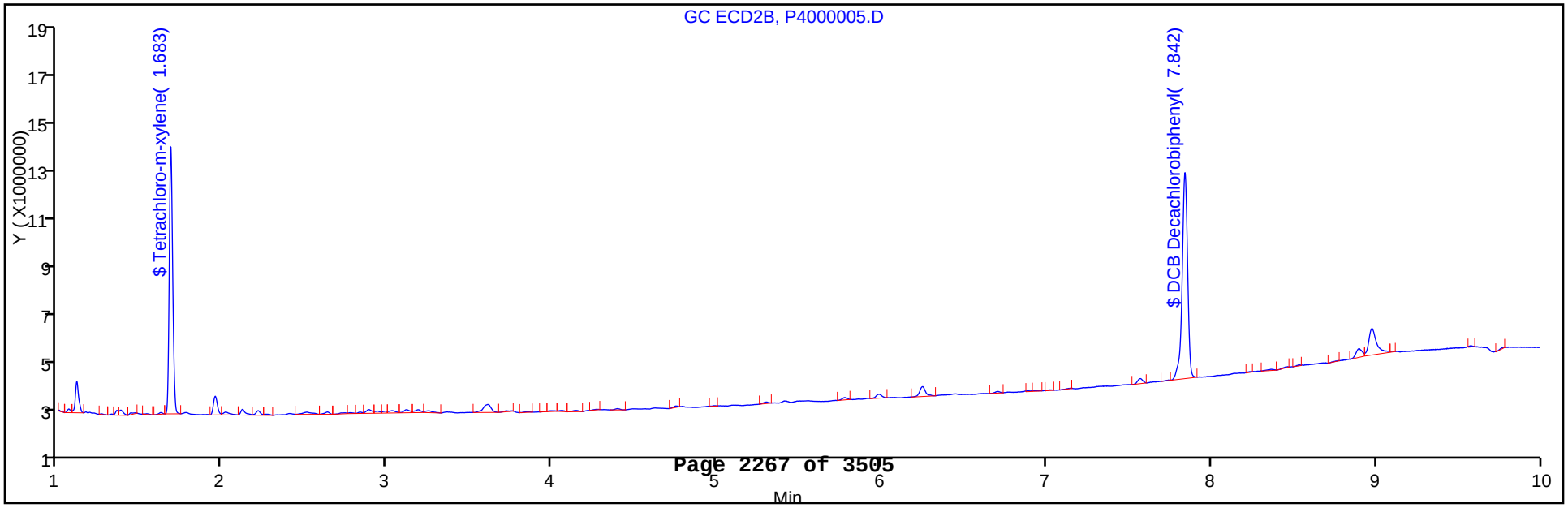
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000005.D		
Injection Date:	18-Apr-2013 10:08:37	Limit Group:	GC 8082A ICAL
Client ID:	079SB-0014M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82363	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Client Sample ID: 079SB-0014M-0001-SO Lab Sample ID: 240-22663-4

Matrix: Solid Lab File ID: P4000005.D

Analysis Method: 8082/DOD Date Collected: 04/01/2013 10:12

Extraction Method: 3540C Date Extracted: 04/12/2013 11:18

Sample wt/vol: 30.09(g) Date Analyzed: 04/18/2013 10:08

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	52		40-140
2051-24-3	DCB Decachlorobiphenyl	69		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000005.D		
Lims ID:	240-22663-G-4-C	Client ID:	079SB-0014M-0001-SO
Inject. Date:	18-Apr-2013 10:08:37	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018971-005		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	5
Lims Batch ID:	82363	Lims Sample ID:	5
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	1.276	-0.001	16869365	0.0107			
2	2	1.683	1.682	0.001	16391452	0.0104			
						RPD = 2.51			
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						

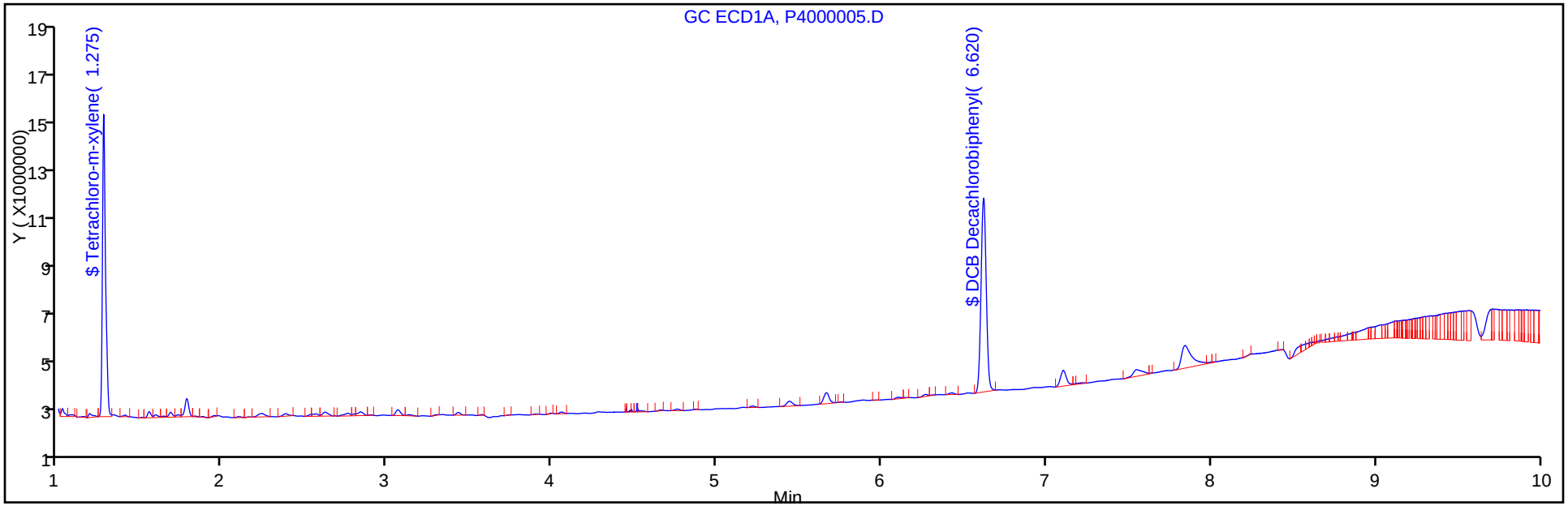
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.916						
1	2		4.201						
1	3		4.482						
1	4		5.182						
1	5		5.467						
2	6		4.943						
2	7		5.173						
2	8		5.542						
2	9		6.226						
2	10		6.607						
$ 12 DCB Decachlorobiphenyl									
1	100	6.620	6.620	0.000	18074331	0.0135			
2	2	7.842	7.841	0.001	20083114	0.0138			
						RPD = 1.84			

Report Date: 19-Apr-2013 14:47:58 Chrom Revision: 2.0 01-Apr-2013 21:16:10

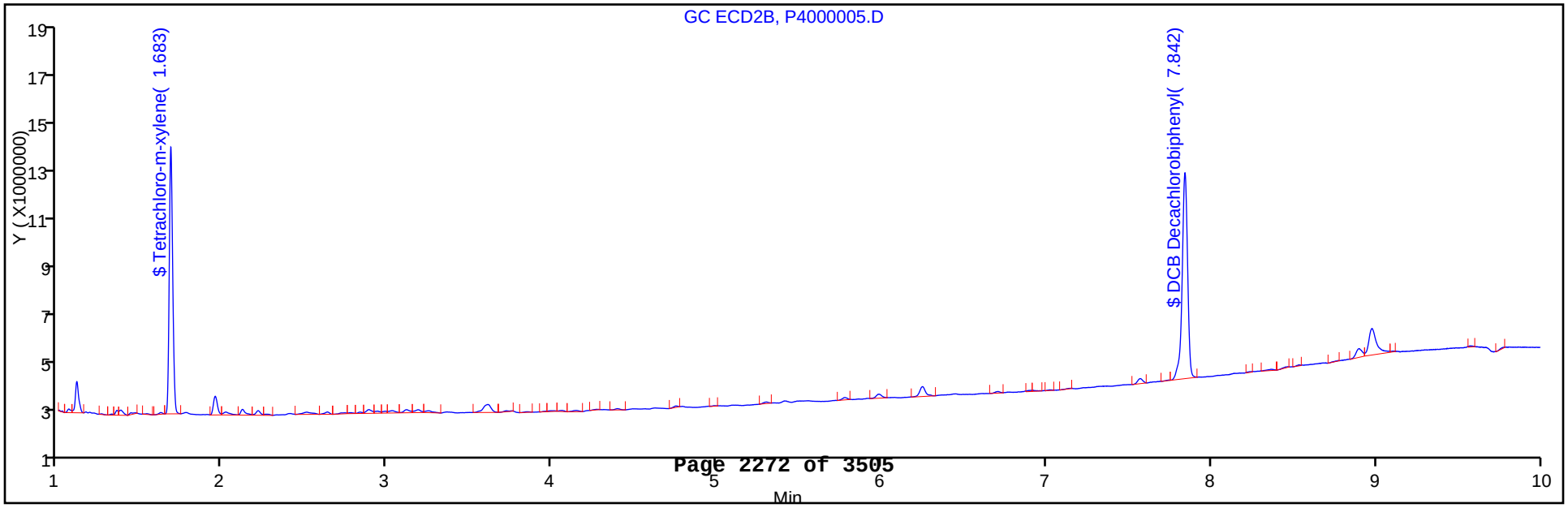
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000005.D		
Injection Date:	18-Apr-2013 10:08:37	Limit Group:	GC 8082A ICAL
Client ID:	079SB-0014M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82363	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Client Sample ID: 079SB-0017M-0001-SO Lab Sample ID: 240-22663-7

Matrix: Solid Lab File ID: P4000006.D

Analysis Method: 8082/DOD Date Collected: 04/01/2013 09:24

Extraction Method: 3540C Date Extracted: 04/12/2013 11:18

Sample wt/vol: 29.71(g) Date Analyzed: 04/18/2013 10:24

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	61		40-140
2051-24-3	DCB Decachlorobiphenyl	68		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000006.D		
Lims ID:	240-22663-G-7-C	Client ID:	079SB-0017M-0001-SO
Inject. Date:	18-Apr-2013 10:24:08	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018971-006		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	6
Lims Batch ID:	82363	Lims Sample ID:	6
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 14:41:31

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	19272133	0.0122			
2	2	1.682	1.682	0.000	18303039	0.0116			
						RPD = 4.79			
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						

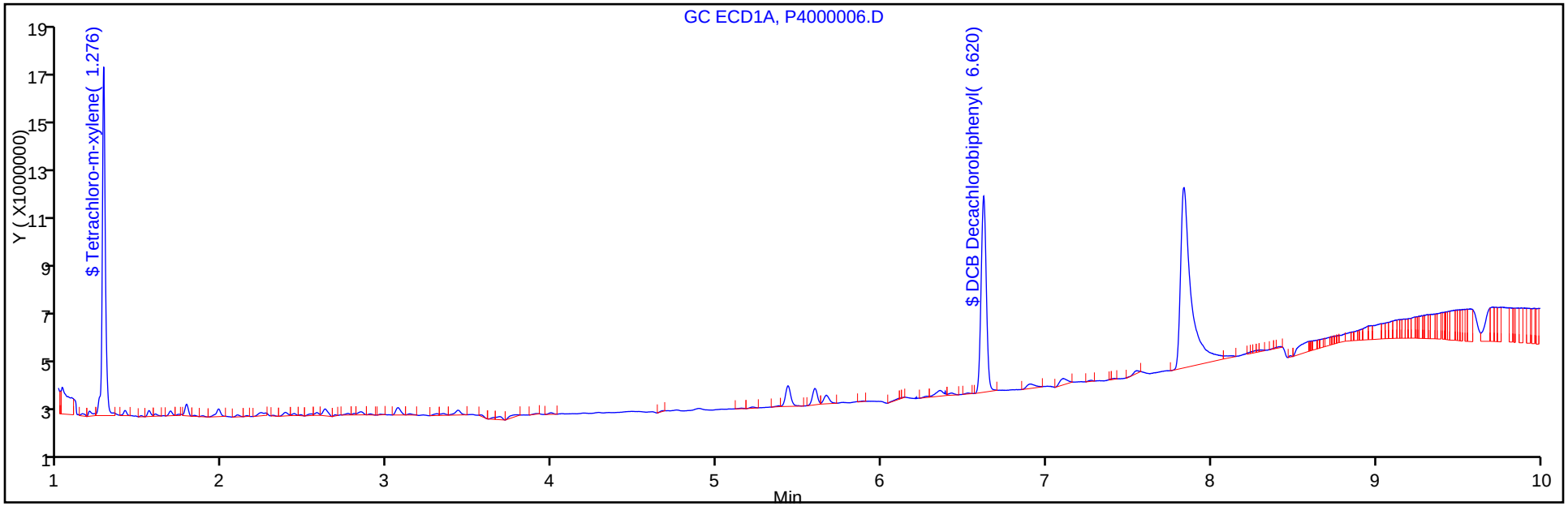
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.916						
1	2		4.201						
1	3		4.482						
1	4		5.182						
1	5		5.467						
2	6		4.943						
2	7		5.173						
2	8		5.542						
2	9		6.226						
2	10		6.607						
$ 12 DCB Decachlorobiphenyl									
1	100	6.620	6.620	0.000	18200253	0.0136			
2	2	7.842	7.841	0.001	19107561	0.0131			
						RPD = 3.84			

Report Date: 19-Apr-2013 14:47:57 Chrom Revision: 2.0 01-Apr-2013 21:16:10

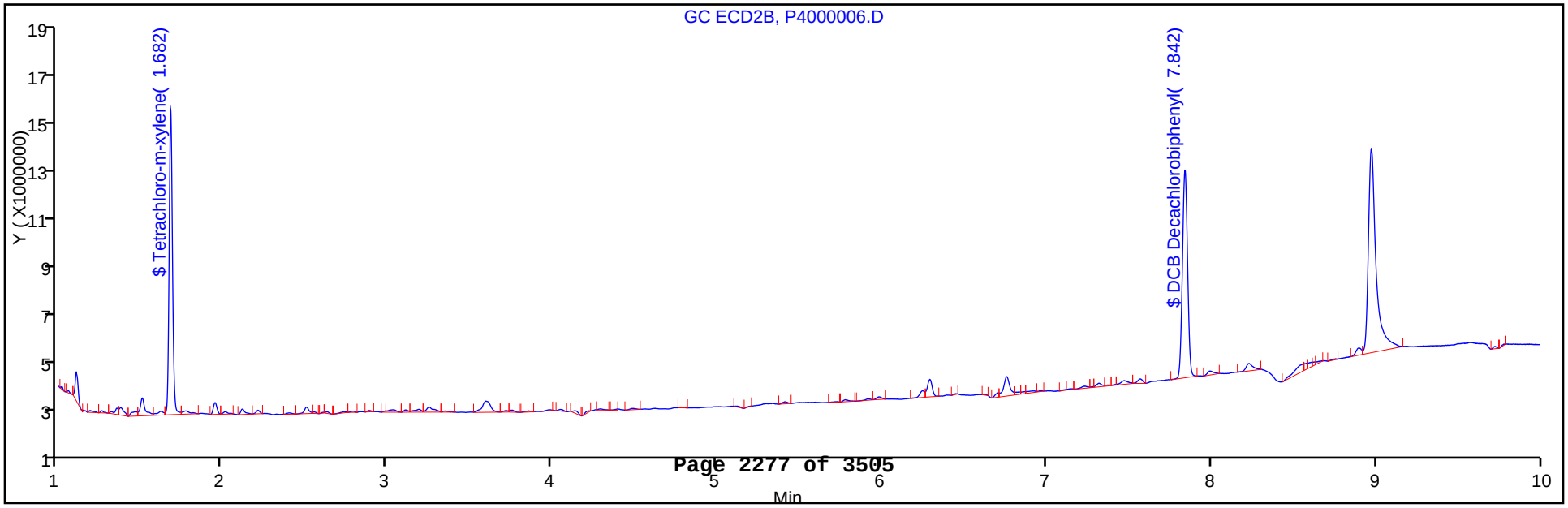
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000006.D		
Injection Date:	18-Apr-2013 10:24:08	Limit Group:	GC 8082A ICAL
Client ID:	079SB-0017M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82363	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.: 240-22663-1

SDG No.:

Client Sample ID: 079SB-0017M-0001-SO | Lab Sample ID: 240-22663-7

Matrix: Solid | Lab File ID: P4000006.D

Analysis Method: 8082/DOD | Date Collected: 04/01/2013 09:24

Extraction Method: 3540C | Date Extracted: 04/12/2013 11:18

Sample wt/vol: 29.71(g) | Date Analyzed: 04/18/2013 10:24

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	66	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	56	25	17
11097-69-1	Aroclor-1254	25	U	56	25	17
11096-82-5	Aroclor-1260	25	U	56	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	58		40-140
2051-24-3	DCB Decachlorobiphenyl	66		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000006.D		
Lims ID:	240-22663-G-7-C	Client ID:	079SB-0017M-0001-SO
Inject. Date:	18-Apr-2013 10:24:08	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018971-006		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	6
Lims Batch ID:	82363	Lims Sample ID:	6
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 14:41:31

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	19272133	0.0122			
2	2	1.682	1.682	0.000	18303039	0.0116			
						RPD = 4.79			
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						

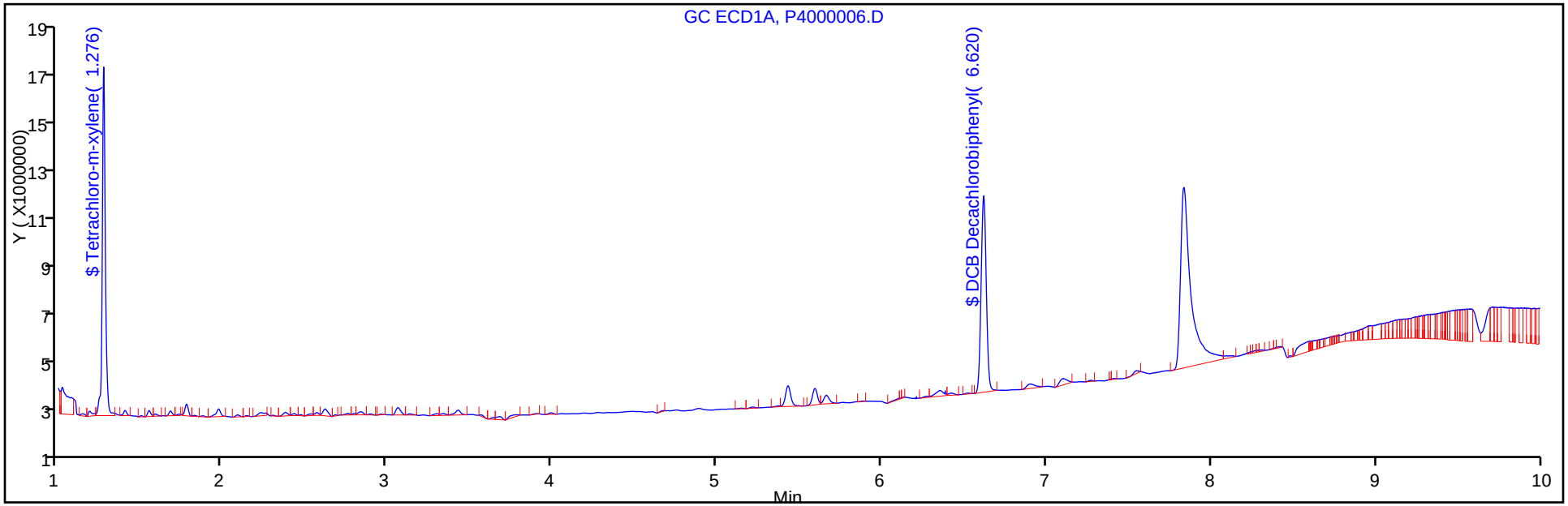
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.916						
1	2		4.201						
1	3		4.482						
1	4		5.182						
1	5		5.467						
2	6		4.943						
2	7		5.173						
2	8		5.542						
2	9		6.226						
2	10		6.607						
$ 12 DCB Decachlorobiphenyl									
1	100	6.620	6.620	0.000	18200253	0.0136			
2	2	7.842	7.841	0.001	19107561	0.0131			
						RPD = 3.84			

Report Date: 19-Apr-2013 14:47:57 Chrom Revision: 2.0 01-Apr-2013 21:16:10

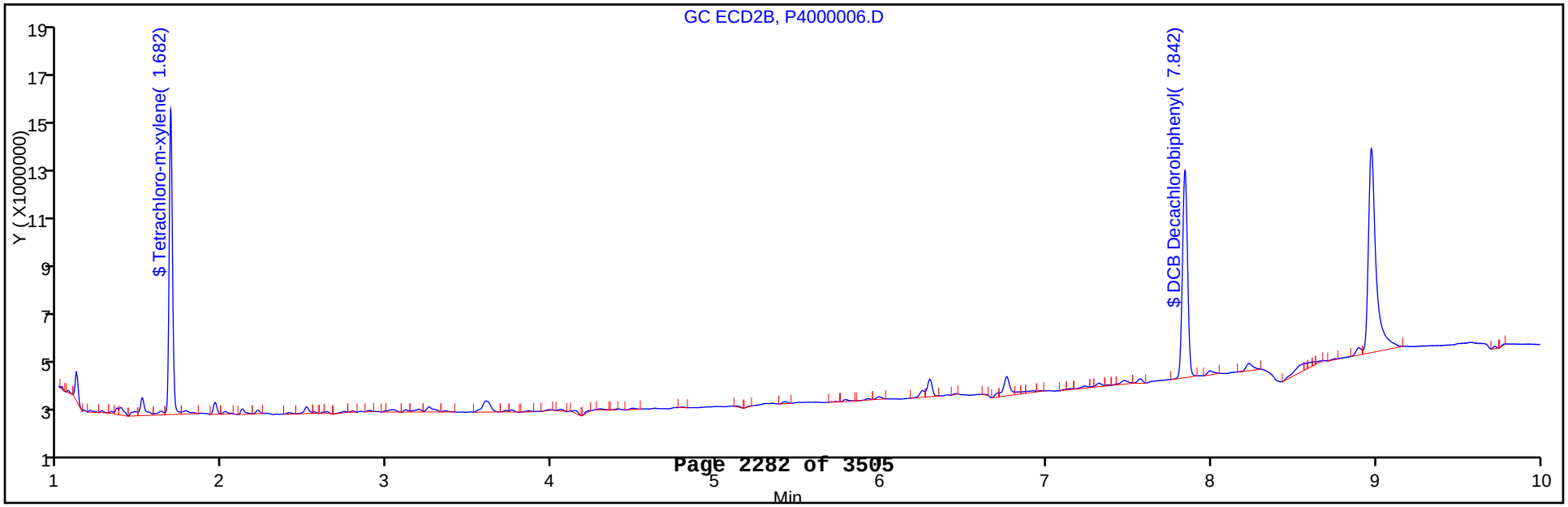
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000006.D		
Injection Date:	18-Apr-2013 10:24:08	Limit Group:	GC 8082A ICAL
Client ID:	079SB-0017M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82363	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.: 240-22663-1

SDG No.:

Client Sample ID: 073SB-0041M-0001-SO Lab Sample ID: 240-22663-17

Matrix: Solid Lab File ID: P4000007.D

Analysis Method: 8082/DOD Date Collected: 04/01/2013 13:03

Extraction Method: 3540C Date Extracted: 04/12/2013 11:18

Sample wt/vol: 30.46(g) Date Analyzed: 04/18/2013 10:39

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	56		40-140
2051-24-3	DCB Decachlorobiphenyl	67		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000007.D		
Lims ID:	240-22663-G-17-C	Client ID:	073SB-0041M-0001-SO
Inject. Date:	18-Apr-2013 10:39:50	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018971-007		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	7
Lims Batch ID:	82363	Lims Sample ID:	7
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	1.276	1.276	0.000	17778454	0.0112			
2	2	1.682	1.682	0.000	17413825	0.0110			
						RPD = 1.71			
3 PCB-1221									1
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						
$ 12 DCB Decachlorobiphenyl									
1	100	6.618	6.620	-0.002	17868983	0.0134			
2	2	7.841	7.841	0.000	18892614	0.0130			
						RPD = 3.13			

QC Flag Legend

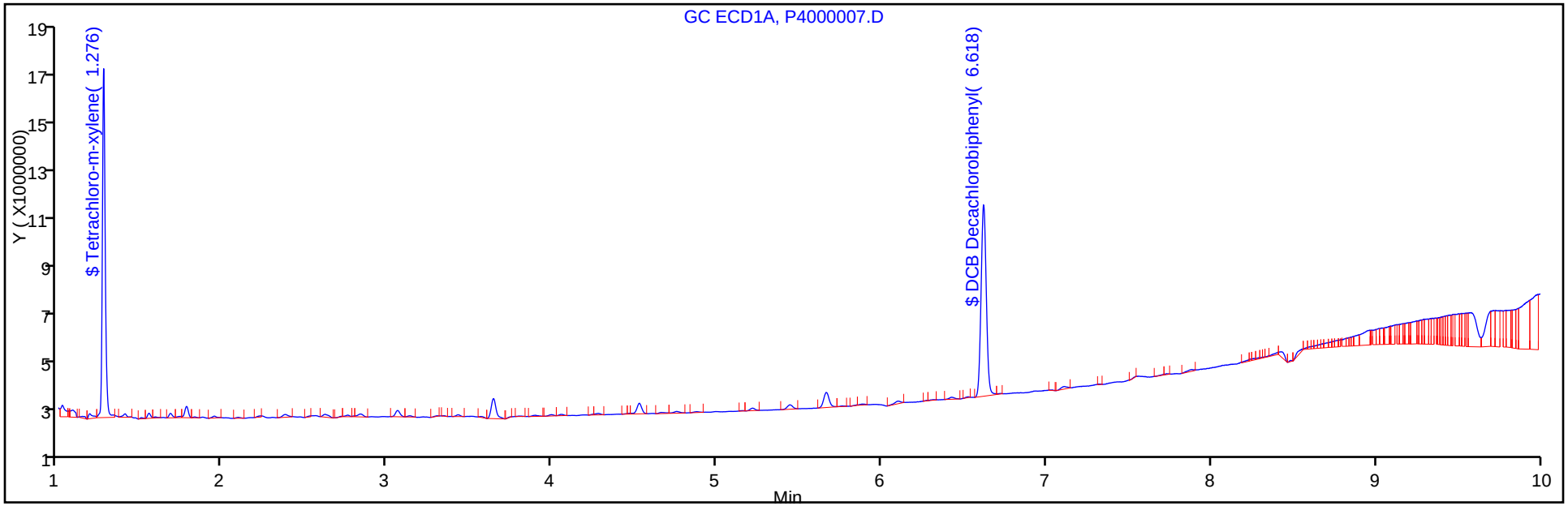
Processing Flags
1 - Missing Peaks

Report Date: 19-Apr-2013 14:47:56 Chrom Revision: 2.0 01-Apr-2013 21:16:10

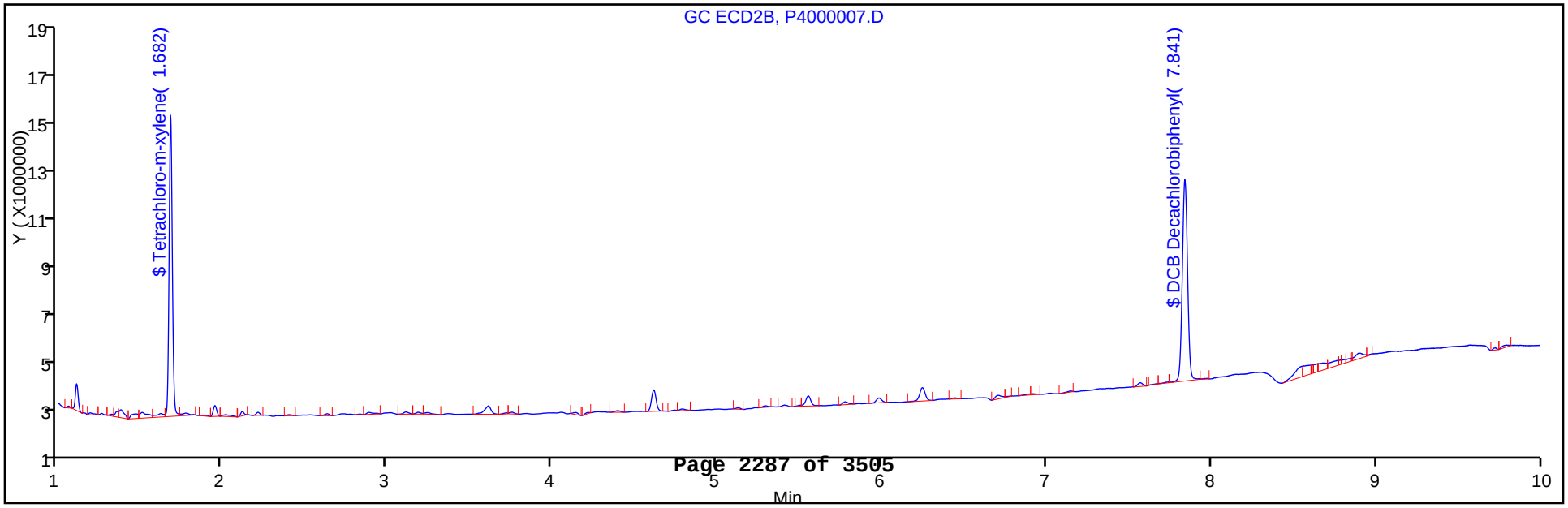
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000007.D		
Injection Date:	18-Apr-2013 10:39:50	Limit Group:	GC 8082A ICAL
Client ID:	073SB-0041M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82363	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.: 240-22663-1

SDG No.:

Client Sample ID: 073SB-0041M-0001-SO Lab Sample ID: 240-22663-17

Matrix: Solid Lab File ID: P4000007.D

Analysis Method: 8082/DOD Date Collected: 04/01/2013 13:03

Extraction Method: 3540C Date Extracted: 04/12/2013 11:18

Sample wt/vol: 30.46(g) Date Analyzed: 04/18/2013 10:39

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	24	U	49	24	16
12674-11-2	Aroclor-1016	24	U	64	24	21
11141-16-5	Aroclor-1232	24	U	44	24	14
53469-21-9	Aroclor-1242	24	U	39	24	13
12672-29-6	Aroclor-1248	24	U	54	24	17
11097-69-1	Aroclor-1254	24	U	54	24	17
11096-82-5	Aroclor-1260	24	U	54	24	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	55		40-140
2051-24-3	DCB Decachlorobiphenyl	65		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000007.D		
Lims ID:	240-22663-G-17-C	Client ID:	073SB-0041M-0001-SO
Inject. Date:	18-Apr-2013 10:39:50	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018971-007		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	7
Lims Batch ID:	82363	Lims Sample ID:	7
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	1.276	1.276	0.000	17778454	0.0112			
2	2	1.682	1.682	0.000	17413825	0.0110			
						RPD = 1.71			
3 PCB-1221									1
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						
$ 12 DCB Decachlorobiphenyl									
1	100	6.618	6.620	-0.002	17868983	0.0134			
2	2	7.841	7.841	0.000	18892614	0.0130			
						RPD = 3.13			

QC Flag Legend

Processing Flags
1 - Missing Peaks

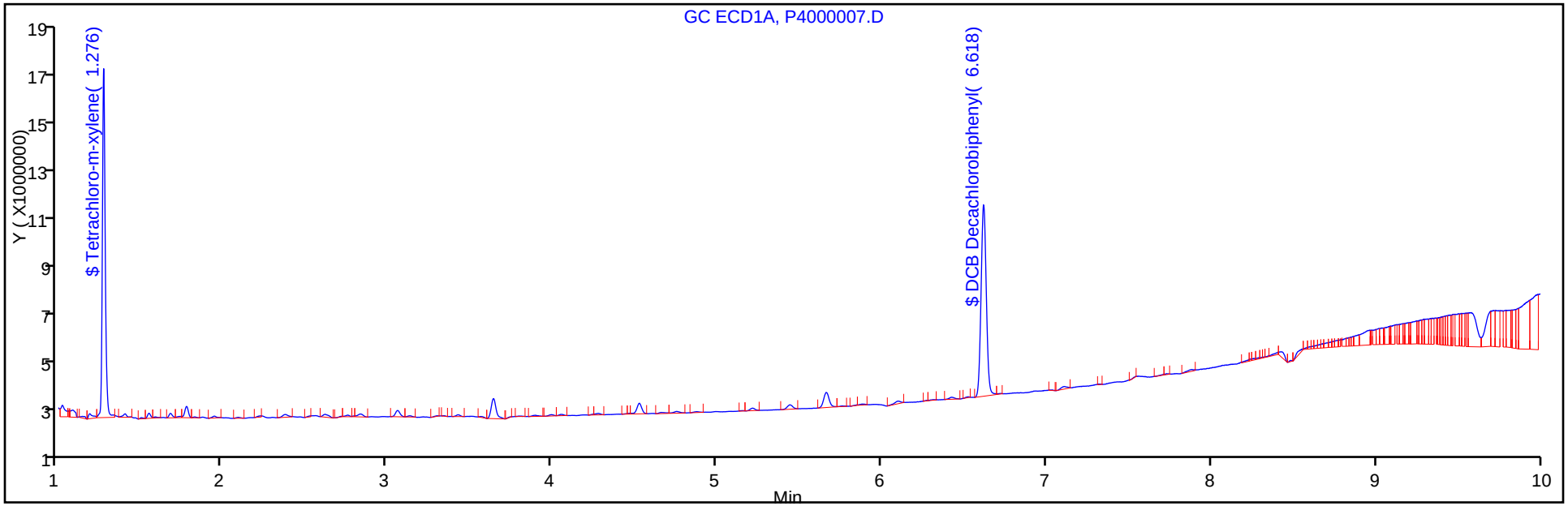
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TestAmerica Canton

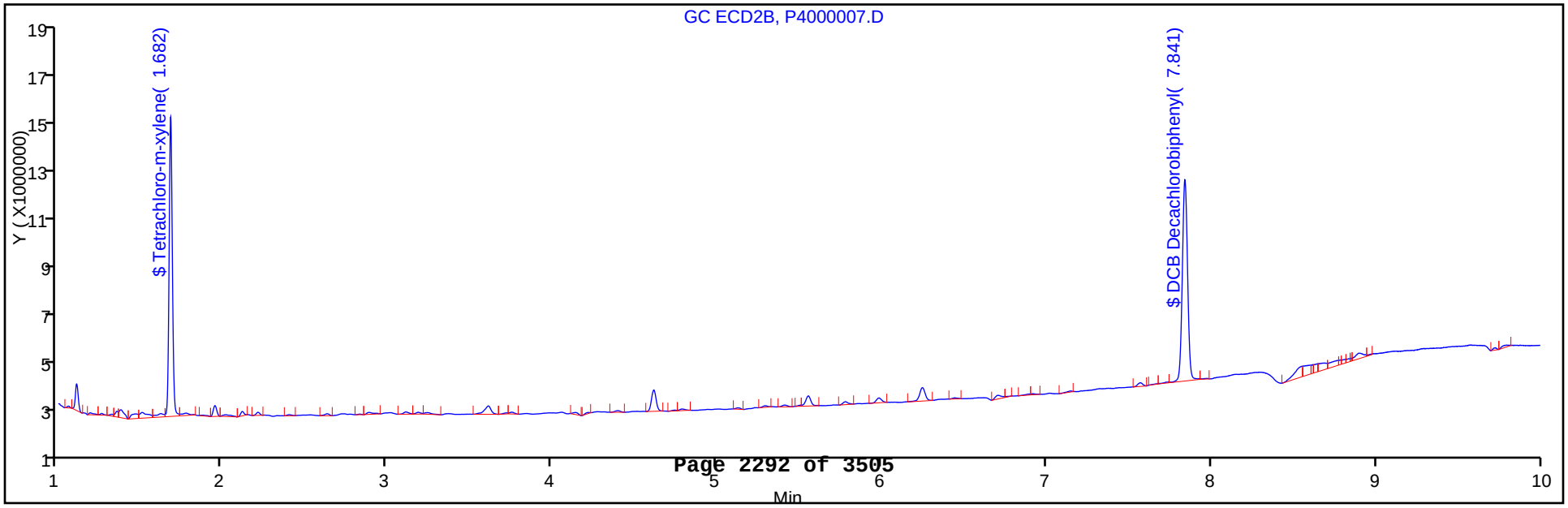
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000007.D

Injection Date:	18-Apr-2013 10:39:50	Limit Group:	GC 8082A ICAL
Client ID:	073SB-0041M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82363	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.: 240-22663-1

SDG No.:

Client Sample ID: 079SB-0026M-0001-SO Lab Sample ID: 240-22663-26

Matrix: Solid Lab File ID: P4000008.D

Analysis Method: 8082/DOD Date Collected: 04/01/2013 10:37

Extraction Method: 3540C Date Extracted: 04/12/2013 11:18

Sample wt/vol: 30.04(g) Date Analyzed: 04/18/2013 10:55

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	50		40-140
2051-24-3	DCB Decachlorobiphenyl	56	Q	60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000008.D		
Lims ID:	240-22663-G-26-C	Client ID:	079SB-0026M-0001-SO
Inject. Date:	18-Apr-2013 10:55:25	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018971-008		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	8
Lims Batch ID:	82363	Lims Sample ID:	8
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 14:41:22

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	15862579	0.0100			
2	2	1.685	1.682	0.003	15719062	0.0100			
						RPD = 0.54			
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						

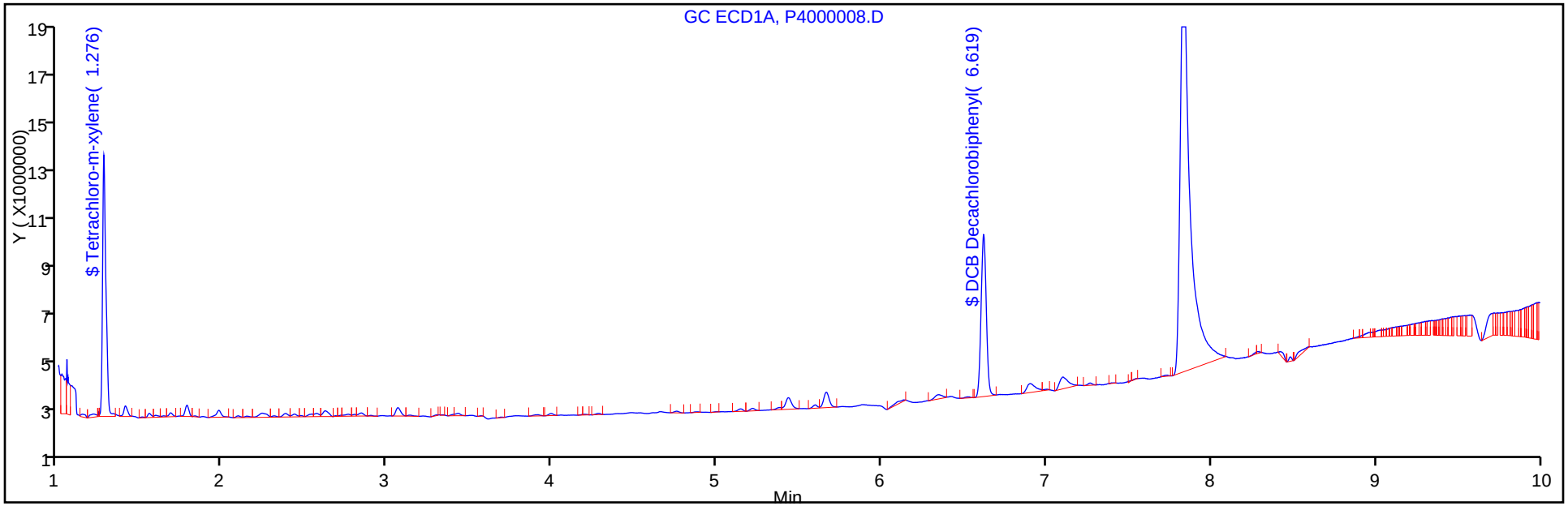
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.916						
1	2		4.201						
1	3		4.482						
1	4		5.182						
1	5		5.467						
2	6		4.943						
2	7		5.173						
2	8		5.542						
2	9		6.226						
2	10		6.607						
$ 12 DCB Decachlorobiphenyl									
1	100	6.619	6.620	-0.001	15047822	0.0113			
2	2	7.841	7.841	0.000	15948590	0.0109			
						RPD = 2.89			

Report Date: 19-Apr-2013 14:47:56 Chrom Revision: 2.0 01-Apr-2013 21:16:10

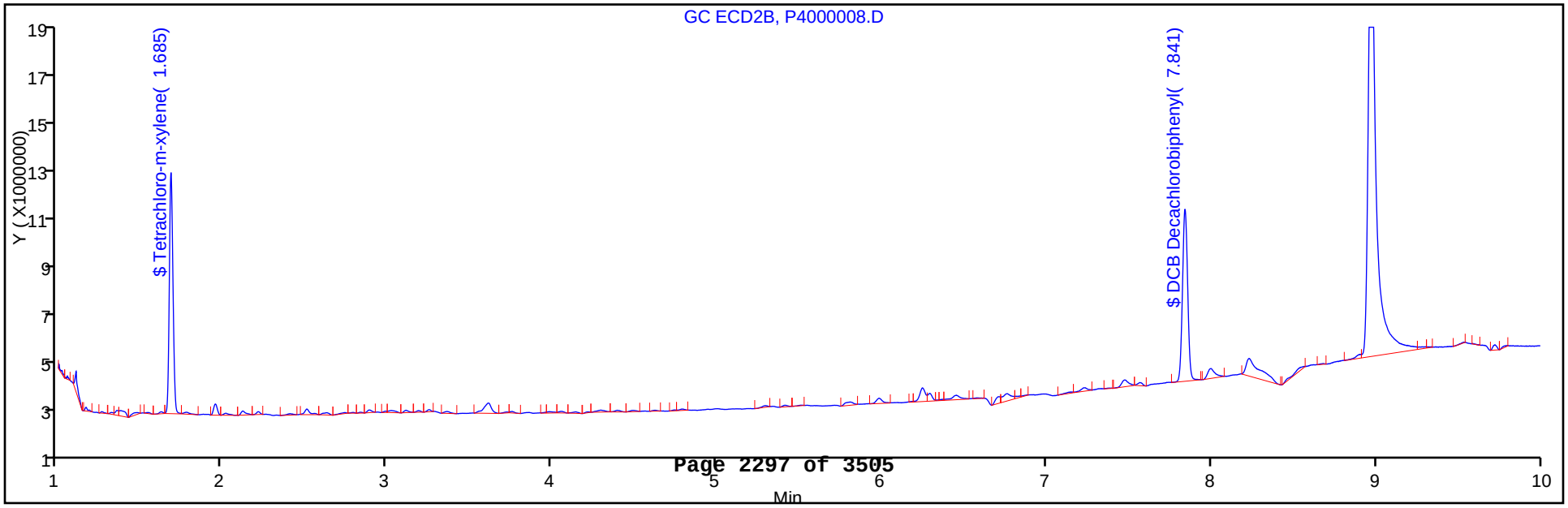
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000008.D		
Injection Date:	18-Apr-2013 10:55:25	Limit Group:	GC 8082A ICAL
Client ID:	079SB-0026M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82363	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22663-1

SDG No.:

Client Sample ID: 079SB-0026M-0001-SO | Lab Sample ID: 240-22663-26

Matrix: Solid | Lab File ID: P4000008.D

Analysis Method: 8082/DOD | Date Collected: 04/01/2013 10:37

Extraction Method: 3540C | Date Extracted: 04/12/2013 11:18

Sample wt/vol: 30.04(g) | Date Analyzed: 04/18/2013 10:55

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	50		40-140
2051-24-3	DCB Decachlorobiphenyl	55	*Q*	60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000008.D		
Lims ID:	240-22663-G-26-C	Client ID:	079SB-0026M-0001-SO
Inject. Date:	18-Apr-2013 10:55:25	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018971-008		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	8
Lims Batch ID:	82363	Lims Sample ID:	8
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 14:41:22

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	15862579	0.0100			
2	2	1.685	1.682	0.003	15719062	0.0100			
						RPD = 0.54			
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						

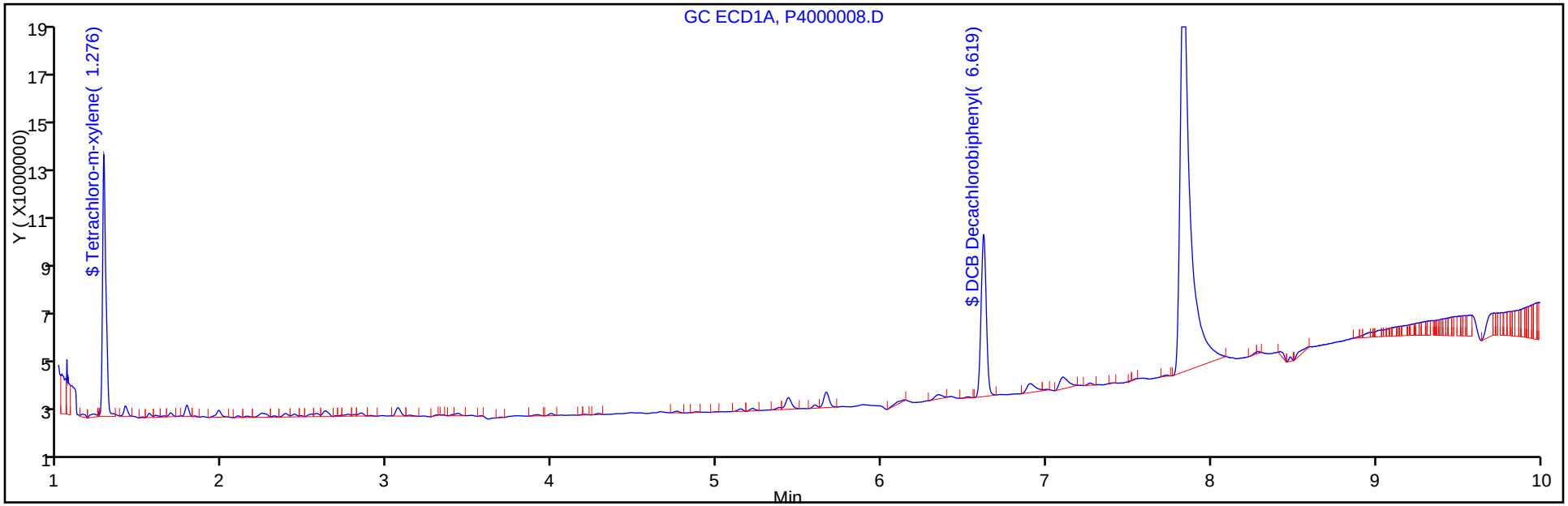
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.916						
1	2		4.201						
1	3		4.482						
1	4		5.182						
1	5		5.467						
2	6		4.943						
2	7		5.173						
2	8		5.542						
2	9		6.226						
2	10		6.607						
$ 12 DCB Decachlorobiphenyl									
1	100	6.619	6.620	-0.001	15047822	0.0113			
2	2	7.841	7.841	0.000	15948590	0.0109			
						RPD = 2.89			

Report Date: 19-Apr-2013 14:47:56 Chrom Revision: 2.0 01-Apr-2013 21:16:10

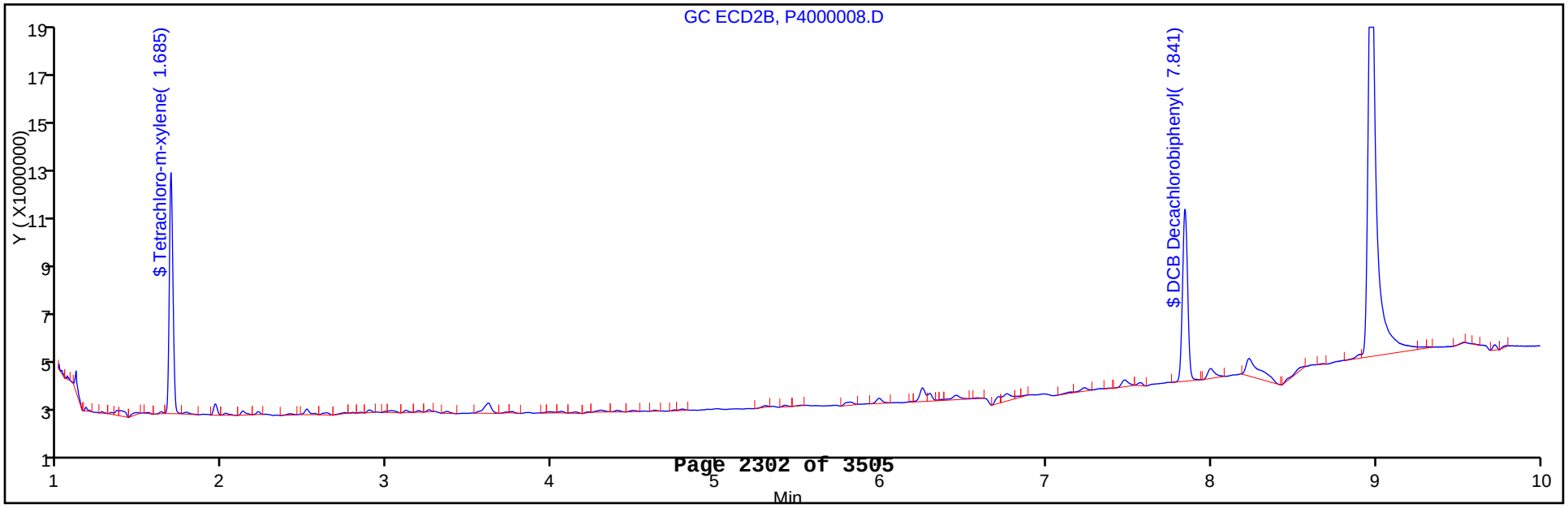
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000008.D		
Injection Date:	18-Apr-2013 10:55:25	Limit Group:	GC 8082A ICAL
Client ID:	079SB-0026M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82363	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Client Sample ID: 079SB-0026M-0001-SO Lab Sample ID: 240-22663-26

Matrix: Solid Lab File ID: P4000005.D

Analysis Method: 8082/DOD Date Collected: 04/01/2013 10:37

Extraction Method: 3540C Date Extracted: 04/26/2013 08:24

Sample wt/vol: 30.10(g) Date Analyzed: 04/29/2013 08:49

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.: 83996 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\20130429-19366.b\P4000005.D		
Lims ID:	240-22663-G-26-I	Client ID:	079SB-0026M-0001-SO
Inject. Date:	29-Apr-2013 08:49:36	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0019366-005		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	5
Lims Batch ID:	83996	Lims Sample ID:	5
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130429-19366.b\PCB4.m		
Last Update:	29-Apr-2013 15:57:20	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:	XAWRK031		

First Level Reviewer: hassl Date: 29-Apr-2013 14:41:15

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.302	1.291	0.011	20191410	0.0128			
2	2	1.710	1.700	0.010	21458319	0.0136			
						RPD = 6.45			
3 PCB-1221									
1	2		1.417						
1	3		1.526						
1	4		1.556						
2	4		1.971						
2	5		2.102						
2	6		2.160						
5 PCB-1242									
1	100		1.554						
1	2		1.838						
1	3		2.232						
1	4		2.352						
1	5		2.730						
2	6		2.157						
2	7		2.554						
2	8		3.008						
2	9		3.145						
2	10		3.756						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.555						
1	2		1.837						
1	3		2.230						
1	4		2.351						
1	5		2.730						
2	6		2.157						
2	7		2.554						
2	8		3.006						
2	9		3.145						
2	10		3.755						
6 PCB-1016									
1	100		1.562						
1	2		1.846						
1	3		2.241						
1	4		2.361						
1	5		2.741						
2	6		2.165						
2	7		2.561						
2	8		3.016						
2	9		3.155						
2	10		3.259						
7 PCB-1248									
1	86		1.838						
1	2		2.230						
1	3		2.731						
1	4		3.311						
1	5		3.742						
2	6		2.553						
2	7		3.005						
2	8		3.755						
2	9		4.031						
2	10		4.753						
8 PCB-1254									
1	100		3.356						
1	2		3.742						
1	3		4.029						
1	4		4.216						
1	5		4.499						
2	6		4.276						
2	7		4.753						
2	8		5.001						
2	9		5.360						
2	10		5.561						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.941						
1	2		4.231						
1	3		4.516						
1	4		5.215						
1	5		5.506						
2	6		4.969						
2	7		5.201						
2	8		5.570						
2	9		6.256						
2	10		6.636						
$ 12 DCB Decachlorobiphenyl									
1	100	6.647	6.648	-0.001	18842779	0.0141			
2	2	7.869	7.869	0.000	18577181	0.0128			
						RPD = 10.11			

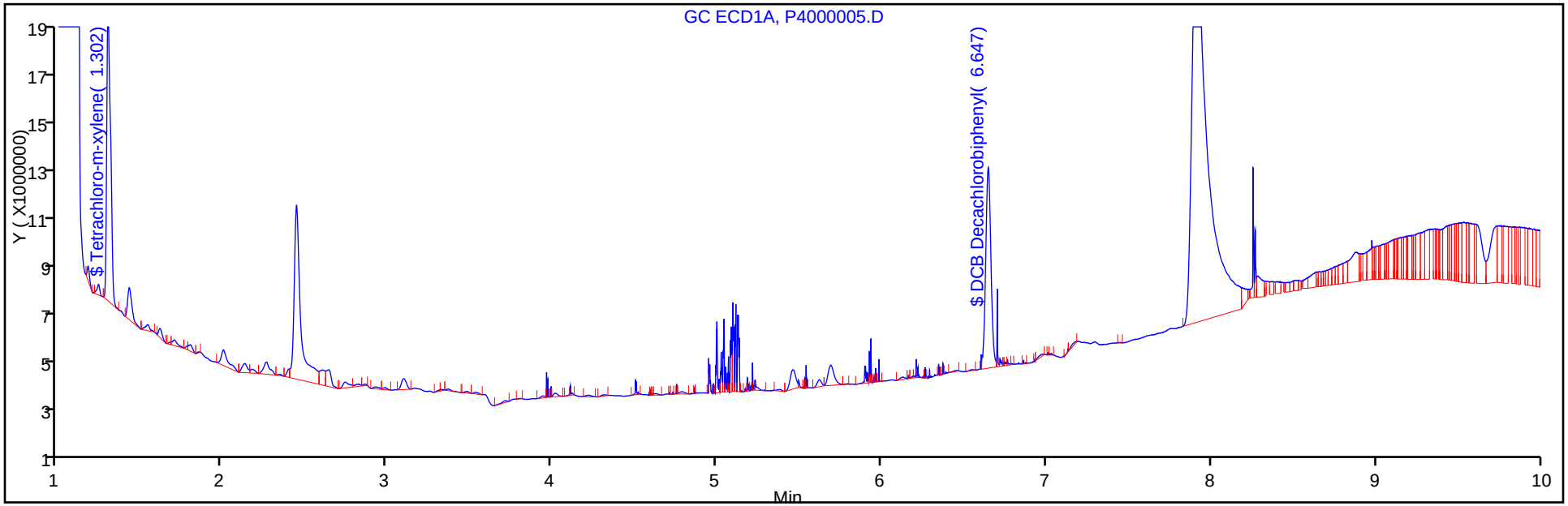
Report Date: 29-Apr-2013 15:57:23 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

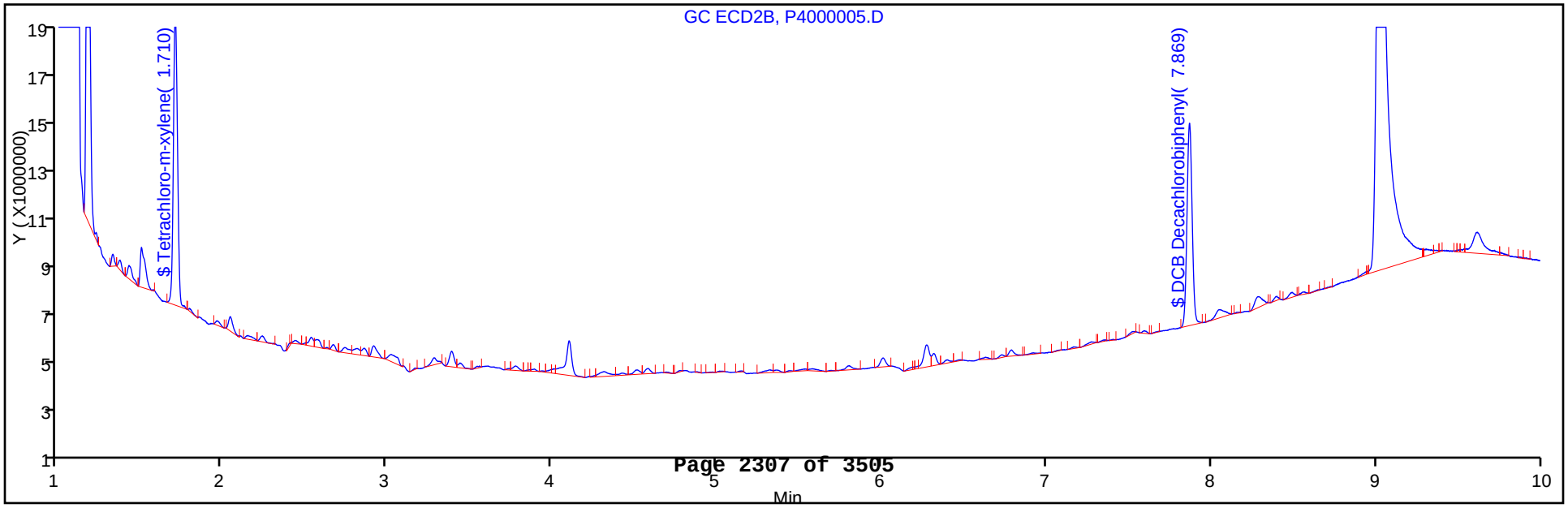
Data File: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\P4000005.D

Injection Date:	29-Apr-2013 08:49:36	Limit Group:	GC 8082A ICAL
Client ID:	079SB-0026M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	83996	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Client Sample ID: 079SB-0026M-0001-SO Lab Sample ID: 240-22663-26

Matrix: Solid Lab File ID: P4000005.D

Analysis Method: 8082/DOD Date Collected: 04/01/2013 10:37

Extraction Method: 3540C Date Extracted: 04/26/2013 08:24

Sample wt/vol: 30.10(g) Date Analyzed: 04/29/2013 08:49

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.: 83996 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U H	50	25	16
12674-11-2	Aroclor-1016	25	U H	65	25	21
11141-16-5	Aroclor-1232	25	U H	45	25	14
53469-21-9	Aroclor-1242	25	U H	40	25	13
12672-29-6	Aroclor-1248	25	U H	55	25	17
11097-69-1	Aroclor-1254	25	U H	55	25	17
11096-82-5	Aroclor-1260	25	U H	55	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	68		40-140
2051-24-3	DCB Decachlorobiphenyl	64		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130429-19366.b\P4000005.D		
Lims ID:	240-22663-G-26-I	Client ID:	079SB-0026M-0001-SO
Inject. Date:	29-Apr-2013 08:49:36	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0019366-005		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	5
Lims Batch ID:	83996	Lims Sample ID:	5
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130429-19366.b\PCB4.m		
Last Update:	29-Apr-2013 15:57:20	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:	XAWRK031		

First Level Reviewer: hassl Date: 29-Apr-2013 14:41:15

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.302	1.291	0.011	20191410	0.0128			
2	2	1.710	1.700	0.010	21458319	0.0136			
						RPD = 6.45			
3 PCB-1221									
1	2		1.417						
1	3		1.526						
1	4		1.556						
2	4		1.971						
2	5		2.102						
2	6		2.160						
5 PCB-1242									
1	100		1.554						
1	2		1.838						
1	3		2.232						
1	4		2.352						
1	5		2.730						
2	6		2.157						
2	7		2.554						
2	8		3.008						
2	9		3.145						
2	10		3.756						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.555						
1	2		1.837						
1	3		2.230						
1	4		2.351						
1	5		2.730						
2	6		2.157						
2	7		2.554						
2	8		3.006						
2	9		3.145						
2	10		3.755						
6 PCB-1016									
1	100		1.562						
1	2		1.846						
1	3		2.241						
1	4		2.361						
1	5		2.741						
2	6		2.165						
2	7		2.561						
2	8		3.016						
2	9		3.155						
2	10		3.259						
7 PCB-1248									
1	86		1.838						
1	2		2.230						
1	3		2.731						
1	4		3.311						
1	5		3.742						
2	6		2.553						
2	7		3.005						
2	8		3.755						
2	9		4.031						
2	10		4.753						
8 PCB-1254									
1	100		3.356						
1	2		3.742						
1	3		4.029						
1	4		4.216						
1	5		4.499						
2	6		4.276						
2	7		4.753						
2	8		5.001						
2	9		5.360						
2	10		5.561						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.941						
1	2		4.231						
1	3		4.516						
1	4		5.215						
1	5		5.506						
2	6		4.969						
2	7		5.201						
2	8		5.570						
2	9		6.256						
2	10		6.636						
$ 12 DCB Decachlorobiphenyl									
1	100	6.647	6.648	-0.001	18842779	0.0141			
2	2	7.869	7.869	0.000	18577181	0.0128			
						RPD = 10.11			

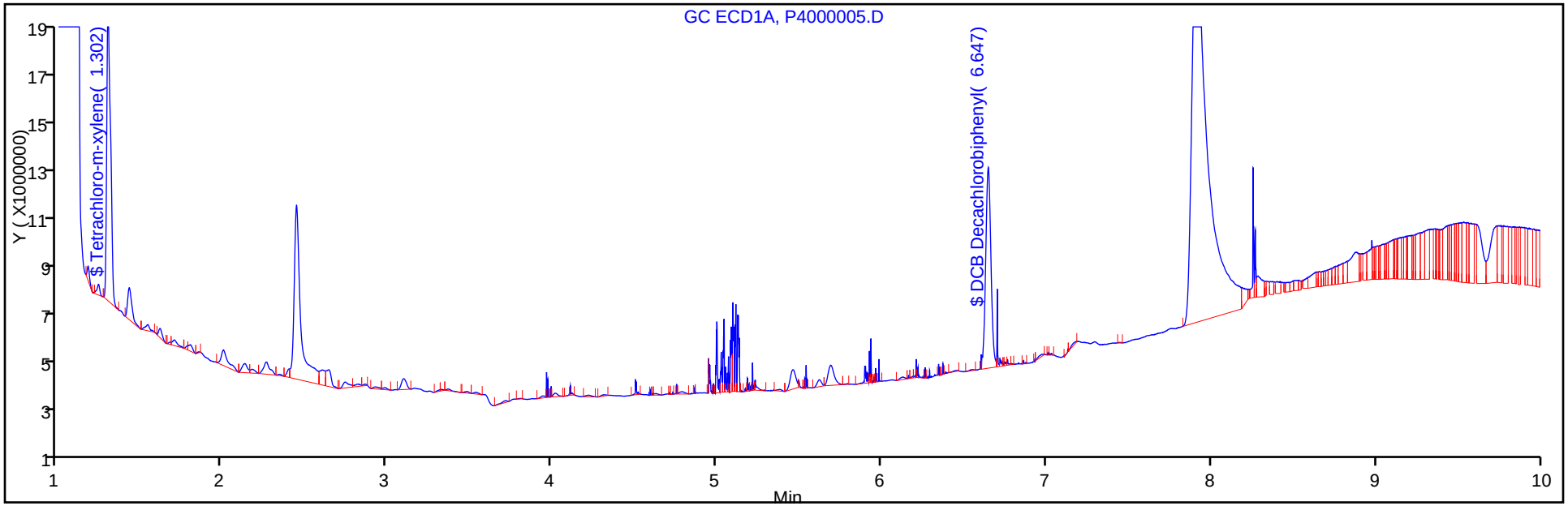
Report Date: 29-Apr-2013 15:57:23 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

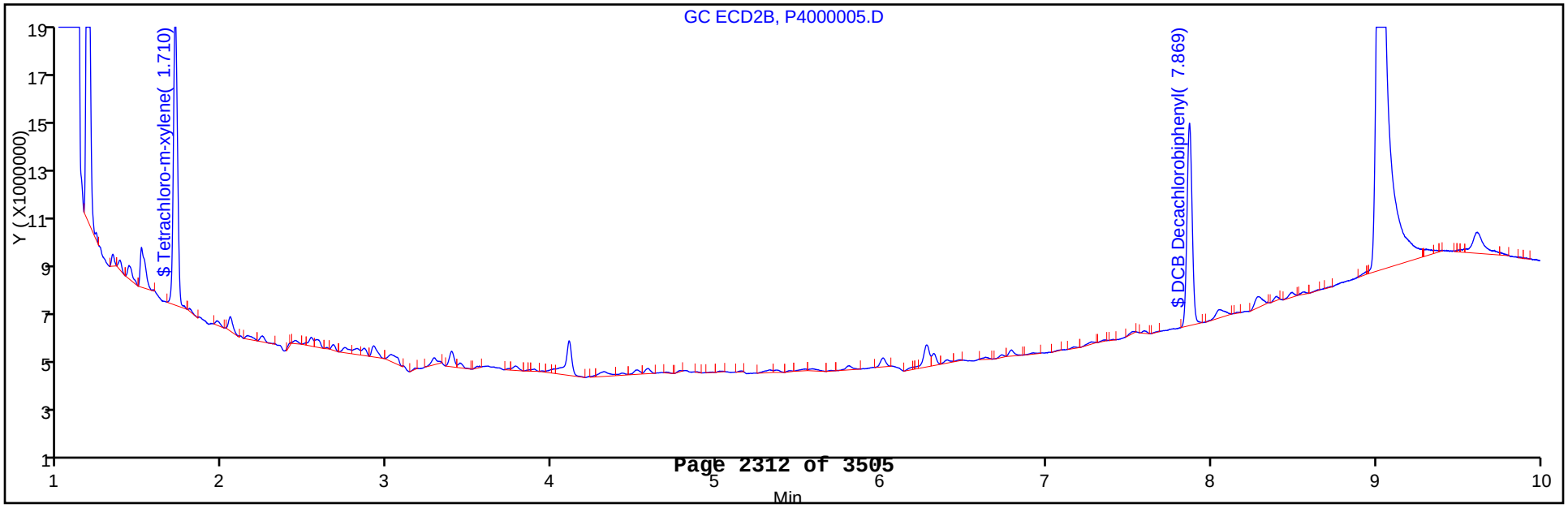
Data File: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\P4000005.D

Injection Date:	29-Apr-2013 08:49:36	Limit Group:	GC 8082A ICAL
Client ID:	079SB-0026M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	83996	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Client Sample ID: 079SB-0028M-0001-SO Lab Sample ID: 240-22663-28

Matrix: Solid Lab File ID: P4000009.D

Analysis Method: 8082/DOD Date Collected: 04/01/2013 10:43

Extraction Method: 3540C Date Extracted: 04/12/2013 11:18

Sample wt/vol: 30.15(g) Date Analyzed: 04/18/2013 11:11

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 82363 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	49		40-140
2051-24-3	DCB Decachlorobiphenyl	57	Q	60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000009.D
Lims ID: 240-22663-G-28-C Client ID: 079SB-0028M-0001-SO
Inject. Date: 18-Apr-2013 11:11:04 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0018971-009
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 9
Lims Batch ID: 82363 Lims Sample ID: 9
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 14:41:16

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	15539335	0.009813			
2	2	1.684	1.682	0.002	15122252	0.009584			
						RPD = 2.35			
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						

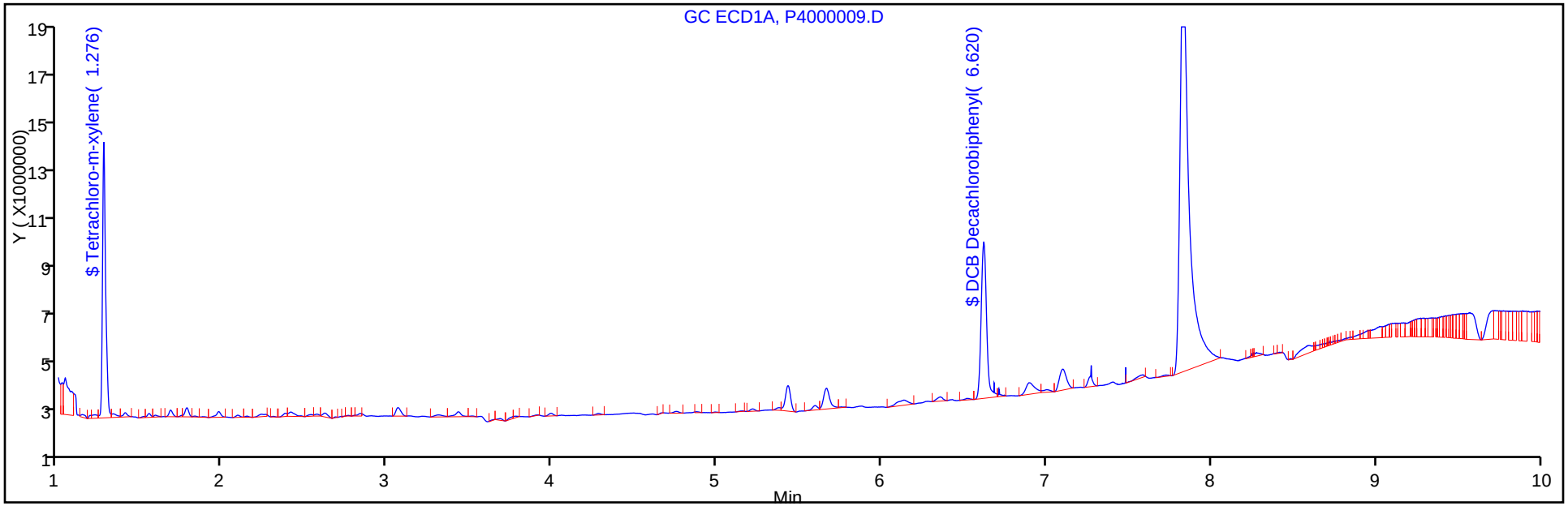
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.916						
1	2		4.201						
1	3		4.482						
1	4		5.182						
1	5		5.467						
2	6		4.943						
2	7		5.173						
2	8		5.542						
2	9		6.226						
2	10		6.607						
$ 12 DCB Decachlorobiphenyl									
1	100	6.620	6.620	0.000	15243102	0.0114			
2	2	7.844	7.841	0.003	15551804	0.0107			
						RPD = 6.69			

Report Date: 19-Apr-2013 14:47:55 Chrom Revision: 2.0 01-Apr-2013 21:16:10

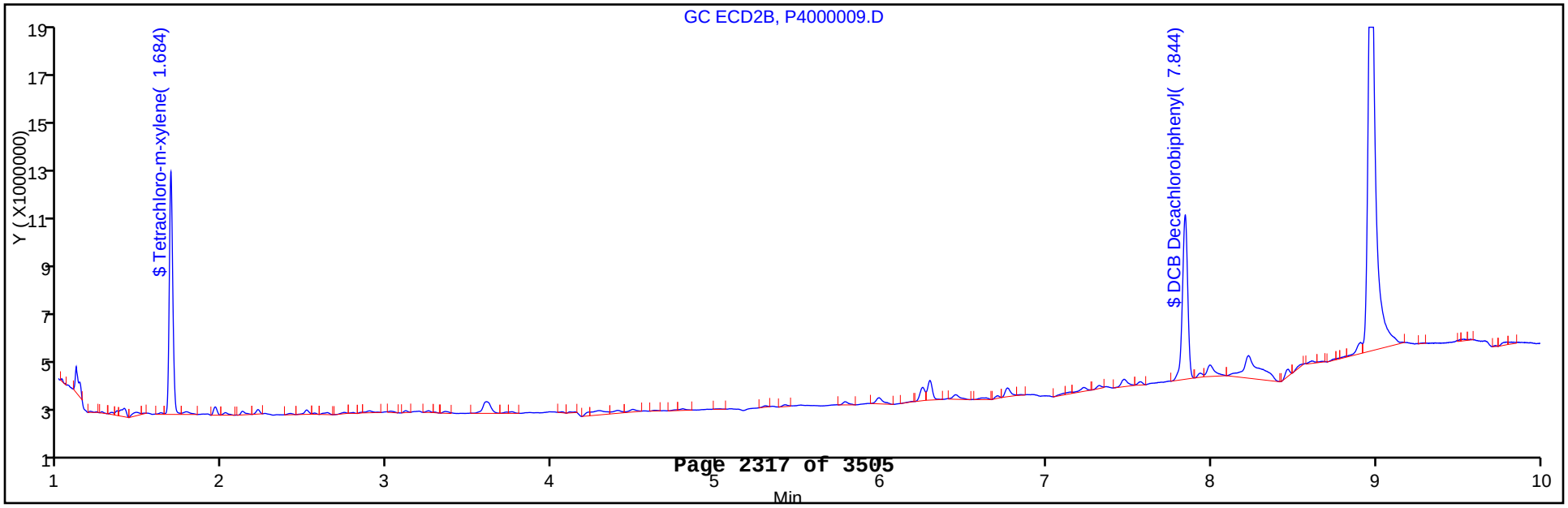
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000009.D		
Injection Date:	18-Apr-2013 11:11:04	Limit Group:	GC 8082A ICAL
Client ID:	079SB-0028M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82363	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22663-1

SDG No.:

Client Sample ID: 079SB-0028M-0001-SO | Lab Sample ID: 240-22663-28

Matrix: Solid | Lab File ID: P4000009.D

Analysis Method: 8082/DOD | Date Collected: 04/01/2013 10:43

Extraction Method: 3540C | Date Extracted: 04/12/2013 11:18

Sample wt/vol: 30.15(g) | Date Analyzed: 04/18/2013 11:11

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 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	48		40-140
2051-24-3	DCB Decachlorobiphenyl	53	*Q*	60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000009.D		
Lims ID:	240-22663-G-28-C	Client ID:	079SB-0028M-0001-SO
Inject. Date:	18-Apr-2013 11:11:04	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018971-009		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	9
Lims Batch ID:	82363	Lims Sample ID:	9
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 14:41:16

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	15539335	0.009813			
2	2	1.684	1.682	0.002	15122252	0.009584			
						RPD = 2.35			
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						

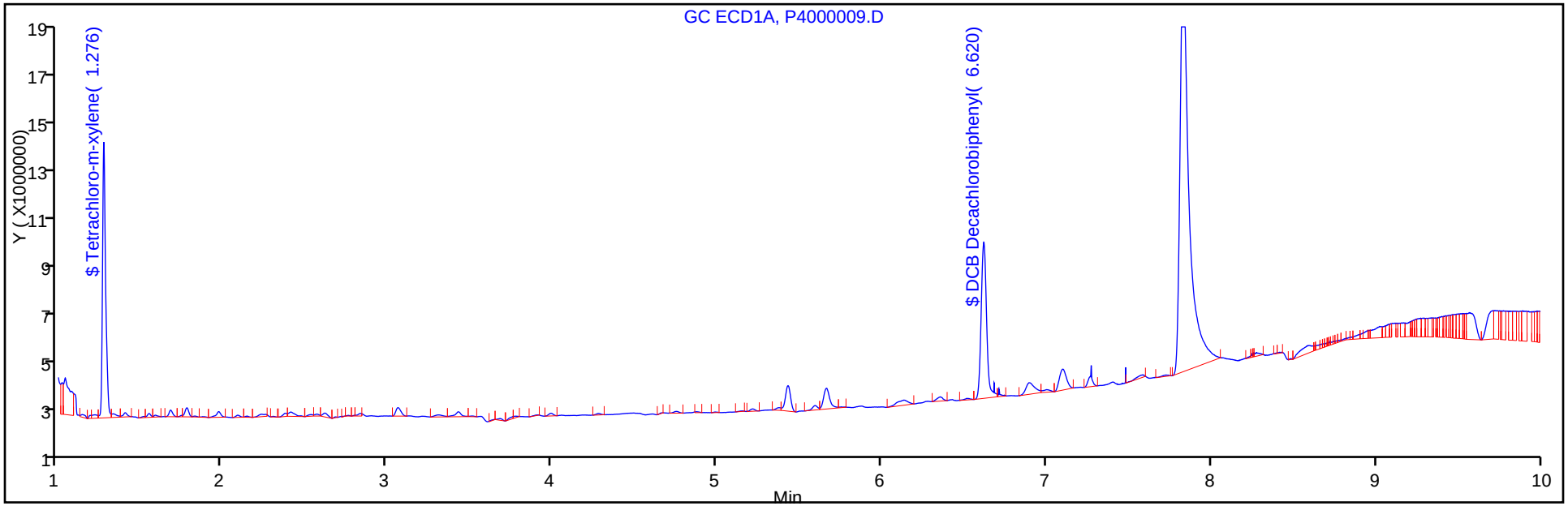
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.916						
1	2		4.201						
1	3		4.482						
1	4		5.182						
1	5		5.467						
2	6		4.943						
2	7		5.173						
2	8		5.542						
2	9		6.226						
2	10		6.607						
$ 12 DCB Decachlorobiphenyl									
1	100	6.620	6.620	0.000	15243102	0.0114			
2	2	7.844	7.841	0.003	15551804	0.0107			
						RPD = 6.69			

Report Date: 19-Apr-2013 14:47:55 Chrom Revision: 2.0 01-Apr-2013 21:16:10

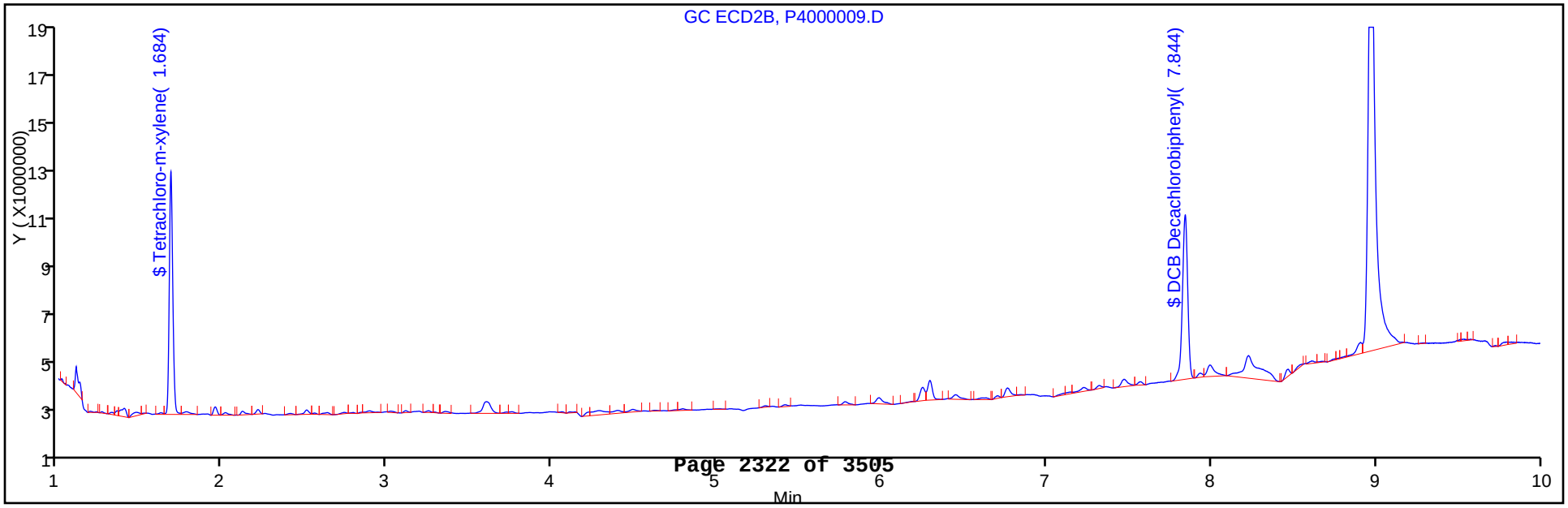
TestAmerica Canton

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Client ID:	079SB-0028M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82363	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Client Sample ID: 079SB-0028M-0001-SO Lab Sample ID: 240-22663-28

Matrix: Solid Lab File ID: P4000006.D

Analysis Method: 8082/DOD Date Collected: 04/01/2013 10:43

Extraction Method: 3540C Date Extracted: 04/26/2013 08:24

Sample wt/vol: 30.18(g) Date Analyzed: 04/29/2013 09:04

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 83996 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	70		40-140
2051-24-3	DCB Decachlorobiphenyl	85		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130429-19366.b\P4000006.D		
Lims ID:	240-22663-G-28-K	Client ID:	079SB-0028M-0001-SO
Inject. Date:	29-Apr-2013 09:04:56	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0019366-006		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	6
Lims Batch ID:	83996	Lims Sample ID:	6
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130429-19366.b\PCB4.m		
Last Update:	29-Apr-2013 15:57:20	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:	XAWRK031		

First Level Reviewer: hassl Date: 29-Apr-2013 14:41:24

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.302	1.291	0.011	22091955	0.0140			
2	2	1.710	1.700	0.010	43570953	0.0276			
						RPD = 65.75			
3 PCB-1221									1
1	2		1.417						
1	3		1.526						
1	4		1.556						
2	4		1.971						
2	5		2.102						
2	6		2.160						
5 PCB-1242									
1	100		1.554						
1	2		1.838						
1	3		2.232						
1	4		2.352						
1	5		2.730						
2	6		2.157						
2	7		2.554						
2	8		3.008						
2	9		3.145						
2	10		3.756						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.555						
1	2		1.837						
1	3		2.230						
1	4		2.351						
1	5		2.730						
2	6		2.157						
2	7		2.554						
2	8		3.006						
2	9		3.145						
2	10		3.755						
6 PCB-1016									
1	100		1.562						
1	2		1.846						
1	3		2.241						
1	4		2.361						
1	5		2.741						
2	6		2.165						
2	7		2.561						
2	8		3.016						
2	9		3.155						
2	10		3.259						
7 PCB-1248									
1	86		1.838						
1	2		2.230						
1	3		2.731						
1	4		3.311						
1	5		3.742						
2	6		2.553						
2	7		3.005						
2	8		3.755						
2	9		4.031						
2	10		4.753						
8 PCB-1254									
1	100		3.356						
1	2		3.742						
1	3		4.029						
1	4		4.216						
1	5		4.499						
2	6		4.276						
2	7		4.753						
2	8		5.001						
2	9		5.360						
2	10		5.561						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.941						
1	2		4.231						
1	3		4.516						
1	4		5.215						
1	5		5.506						
2	6		4.969						
2	7		5.201						
2	8		5.570						
2	9		6.256						
2	10		6.636						
$ 12 DCB Decachlorobiphenyl									
1	100	6.645	6.648	-0.003	22758916	0.0170			
2	2	7.869	7.869	0.000	21249524	0.0146			
						RPD = 15.53			

QC Flag Legend

Processing Flags
1 - Missing Peaks

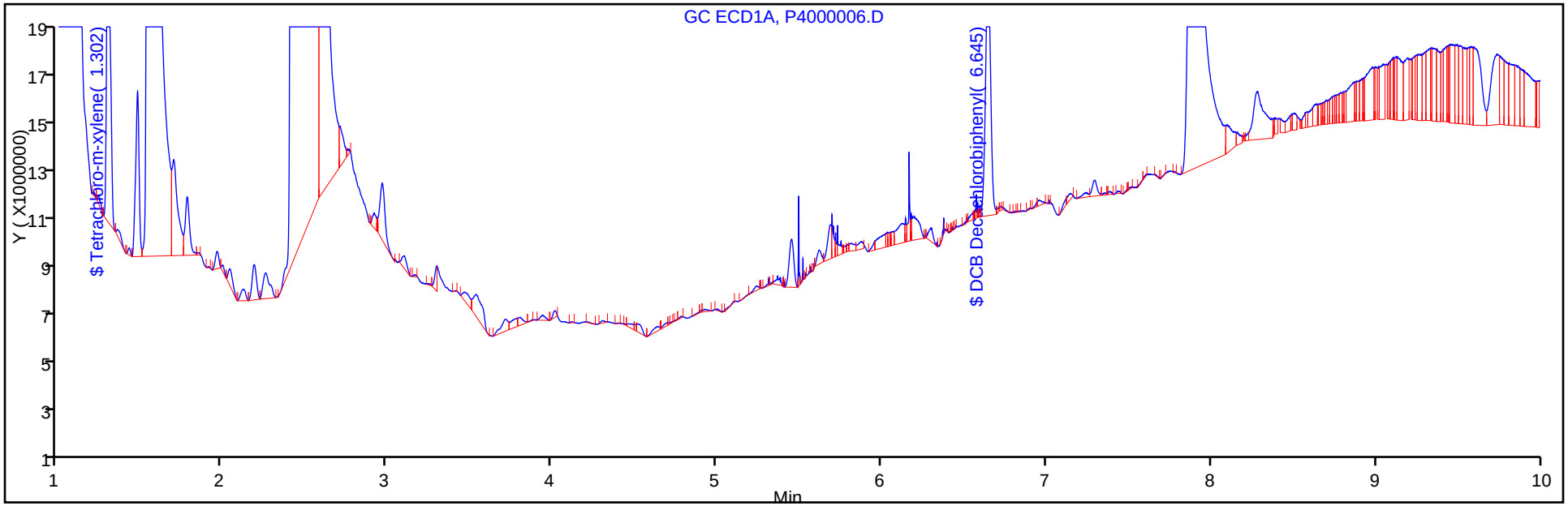
Report Date: 29-Apr-2013 15:57:24 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

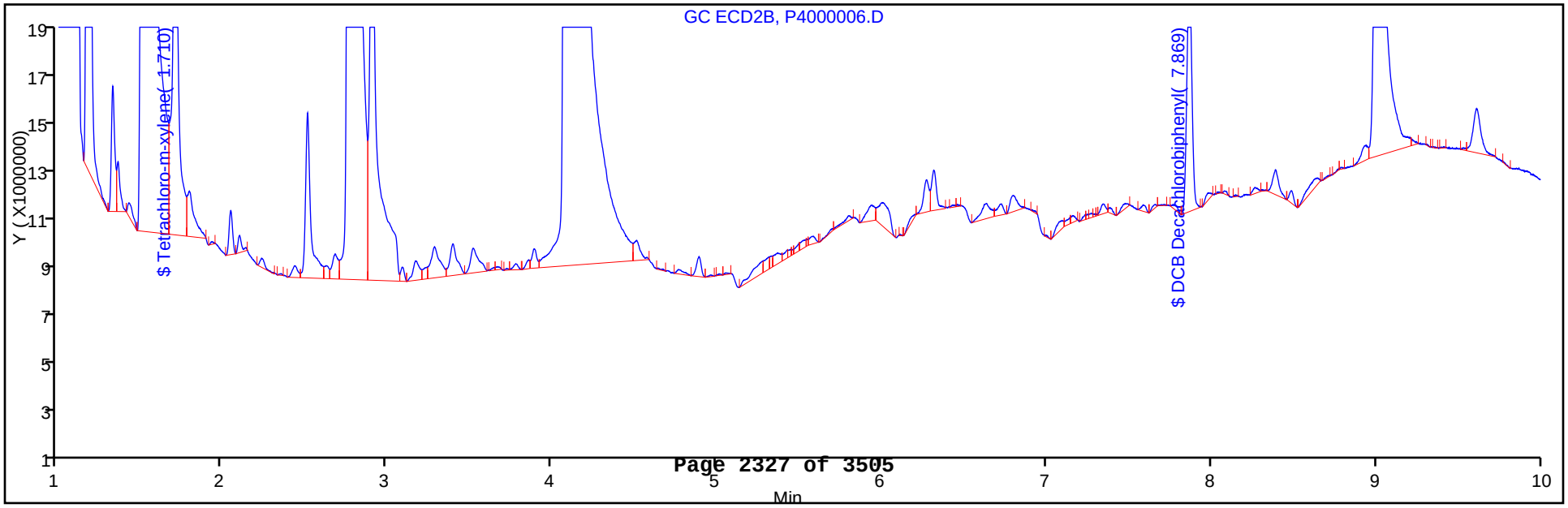
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Injection Date:	29-Apr-2013 09:04:56	Limit Group:	GC 8082A ICAL
Client ID:	079SB-0028M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	83996	Lims Sample ID:	6
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

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.: 240-22663-1

SDG No.:

Client Sample ID: 079SB-0028M-0001-SO Lab Sample ID: 240-22663-28

Matrix: Solid Lab File ID: P4000006.D

Analysis Method: 8082/DOD Date Collected: 04/01/2013 10:43

Extraction Method: 3540C Date Extracted: 04/26/2013 08:24

Sample wt/vol: 30.18(g) Date Analyzed: 04/29/2013 09:04

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 83996 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U H	50	25	16
12674-11-2	Aroclor-1016	25	U H	65	25	21
11141-16-5	Aroclor-1232	25	U H	45	25	14
53469-21-9	Aroclor-1242	25	U H	40	25	13
12672-29-6	Aroclor-1248	25	U H	55	25	17
11097-69-1	Aroclor-1254	25	U H	55	25	17
11096-82-5	Aroclor-1260	25	U H	55	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	138		40-140
2051-24-3	DCB Decachlorobiphenyl	73		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130429-19366.b\P4000006.D		
Lims ID:	240-22663-G-28-K	Client ID:	079SB-0028M-0001-SO
Inject. Date:	29-Apr-2013 09:04:56	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0019366-006		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	6
Lims Batch ID:	83996	Lims Sample ID:	6
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130429-19366.b\PCB4.m		
Last Update:	29-Apr-2013 15:57:20	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:	XAWRK031		

First Level Reviewer: hassl Date: 29-Apr-2013 14:41:24

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.302	1.291	0.011	22091955	0.0140			
2	2	1.710	1.700	0.010	43570953	0.0276			
						RPD = 65.75			
3 PCB-1221									1
1	2		1.417						
1	3		1.526						
1	4		1.556						
2	4		1.971						
2	5		2.102						
2	6		2.160						
5 PCB-1242									
1	100		1.554						
1	2		1.838						
1	3		2.232						
1	4		2.352						
1	5		2.730						
2	6		2.157						
2	7		2.554						
2	8		3.008						
2	9		3.145						
2	10		3.756						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.555						
1	2		1.837						
1	3		2.230						
1	4		2.351						
1	5		2.730						
2	6		2.157						
2	7		2.554						
2	8		3.006						
2	9		3.145						
2	10		3.755						
6 PCB-1016									
1	100		1.562						
1	2		1.846						
1	3		2.241						
1	4		2.361						
1	5		2.741						
2	6		2.165						
2	7		2.561						
2	8		3.016						
2	9		3.155						
2	10		3.259						
7 PCB-1248									
1	86		1.838						
1	2		2.230						
1	3		2.731						
1	4		3.311						
1	5		3.742						
2	6		2.553						
2	7		3.005						
2	8		3.755						
2	9		4.031						
2	10		4.753						
8 PCB-1254									
1	100		3.356						
1	2		3.742						
1	3		4.029						
1	4		4.216						
1	5		4.499						
2	6		4.276						
2	7		4.753						
2	8		5.001						
2	9		5.360						
2	10		5.561						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.941						
1	2		4.231						
1	3		4.516						
1	4		5.215						
1	5		5.506						
2	6		4.969						
2	7		5.201						
2	8		5.570						
2	9		6.256						
2	10		6.636						
$ 12 DCB Decachlorobiphenyl									
1	100	6.645	6.648	-0.003	22758916	0.0170			
2	2	7.869	7.869	0.000	21249524	0.0146			
						RPD = 15.53			

QC Flag Legend

Processing Flags
1 - Missing Peaks

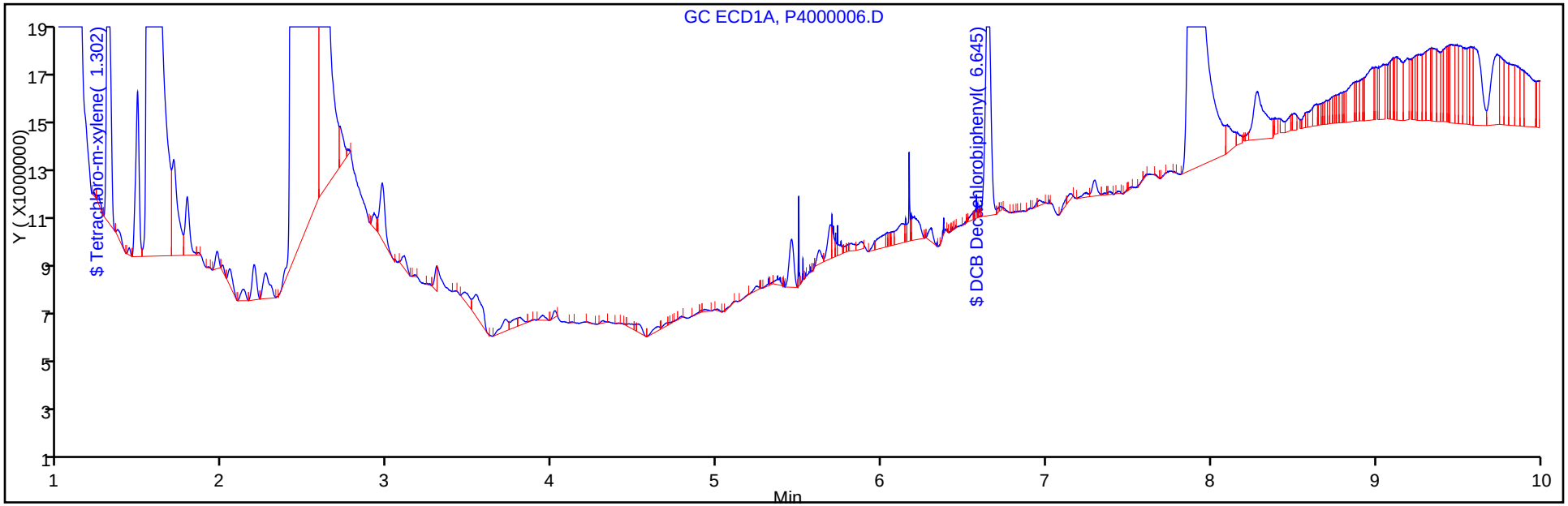
Report Date: 29-Apr-2013 15:57:24 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

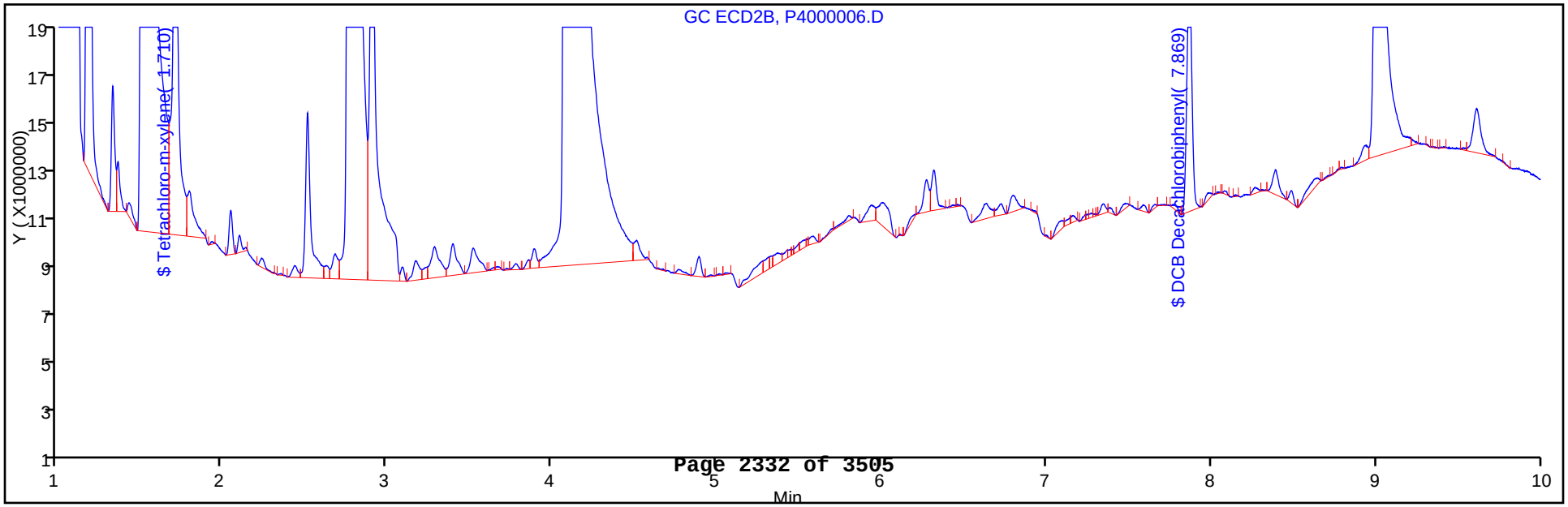
Data File: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\P4000006.D

Injection Date:	29-Apr-2013 09:04:56	Limit Group:	GC 8082A ICAL
Client ID:	079SB-0028M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	83996	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.: 240-22663-1

SDG No.:

Client Sample ID: 068SB-0017M-0001-SO Lab Sample ID: 240-22663-31

Matrix: Solid Lab File ID: P4000005.D

Analysis Method: 8082/DOD Date Collected: 04/01/2013 15:42

Extraction Method: 3540C Date Extracted: 04/12/2013 11:46

Sample wt/vol: 30.42(g) Date Analyzed: 04/17/2013 11:12

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.: 82267 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	58		40-140
2051-24-3	DCB Decachlorobiphenyl	71		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000005.D		
Lims ID:	240-22663-C-31-B	Client ID:	068SB-0017M-0001-SO
Inject. Date:	17-Apr-2013 11:12:55	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018945-005		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	5
Lims Batch ID:	82267	Lims Sample ID:	5
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\PCB4.m		
Last Update:	19-Apr-2013 09:25:32	Calib Date:	15-Apr-2013 10:24:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK027		

First Level Reviewer: hassl Date: 19-Apr-2013 08:41:10

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	1.276	0.001	18305566	0.0116			
2	2	1.679	1.683	-0.004	18469826	0.0117			
						RPD = 1.26			
3 PCB-1221									1
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	2		1.828						
1	3		2.219						
1	4		2.338						
1	5		2.717						
2	6		2.145						
2	7		2.541						
2	8		2.992						
2	9		3.130						
2	10		3.233						
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	3.918	3.915	0.003	678020	0.0109		100.0	
1	2	4.207	4.201	0.006	771543	0.007006	152.2- 202.2	113.8	
1	3	4.480	4.482	-0.002	1903336	0.0177	146.4- 196.4	280.7	
1	4	5.185	5.181	0.004	1275633	0.009860	180.7- 230.7	188.1	
1	5	5.466	5.465	0.001	1313796	0.0226	64.1- 114.1	193.8	
			Average of Peak Amounts =			0.0136			
2	6	4.940	4.943	-0.003	424516	0.006172		100.0	
2	7	0.0	5.173	-5.173	0	0	87.6- 147.6		
2	8	5.543	5.540	0.003	2100350	0.0178	144.7- 204.7	494.8	
2	9	6.229	6.226	0.003	2533041	0.0174	187.7- 247.7	596.7	
2	10	6.603	6.608	-0.005	1512975	0.0157	115.0- 175.0	356.4	
			Average of Peak Amounts =			0.0142			
						RPD = 4.67			
$ 12 DCB Decachlorobiphenyl									
1	100	6.625	6.618	0.007	19026548	0.0142			
2	2	7.840	7.842	-0.002	18687596	0.0128			
						RPD = 10.49			

QC Flag Legend

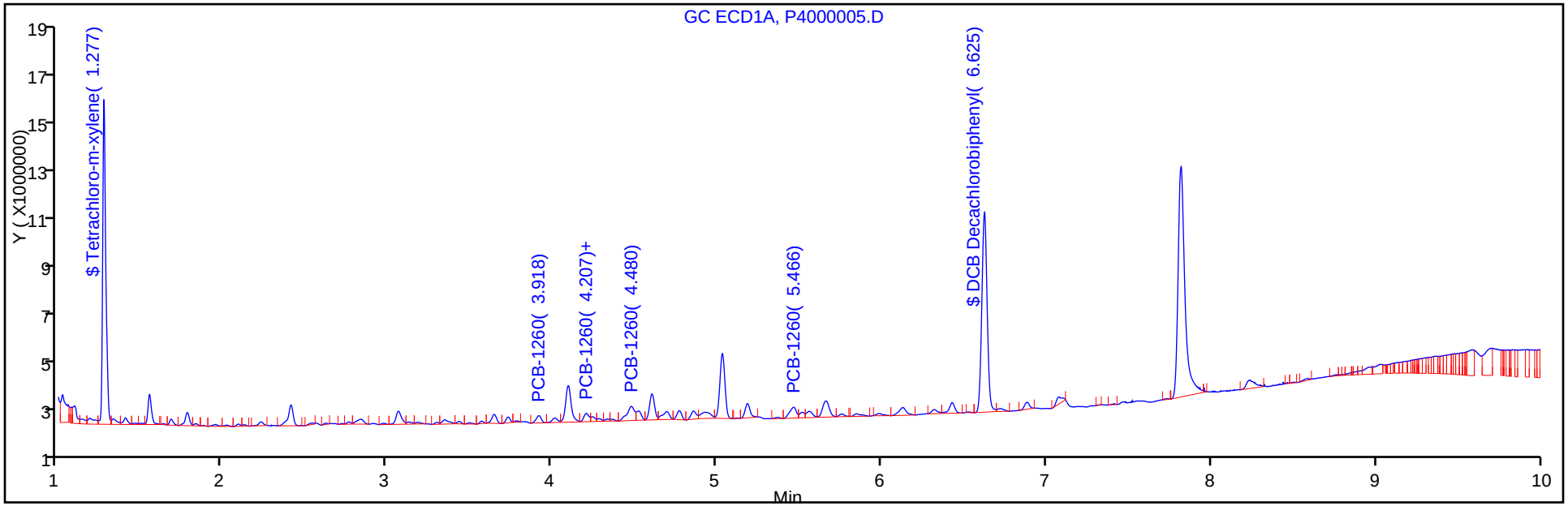
Processing Flags
1 - Missing Peaks

Report Date: 19-Apr-2013 09:25:35 Chrom Revision: 2.0 01-Apr-2013 21:16:10

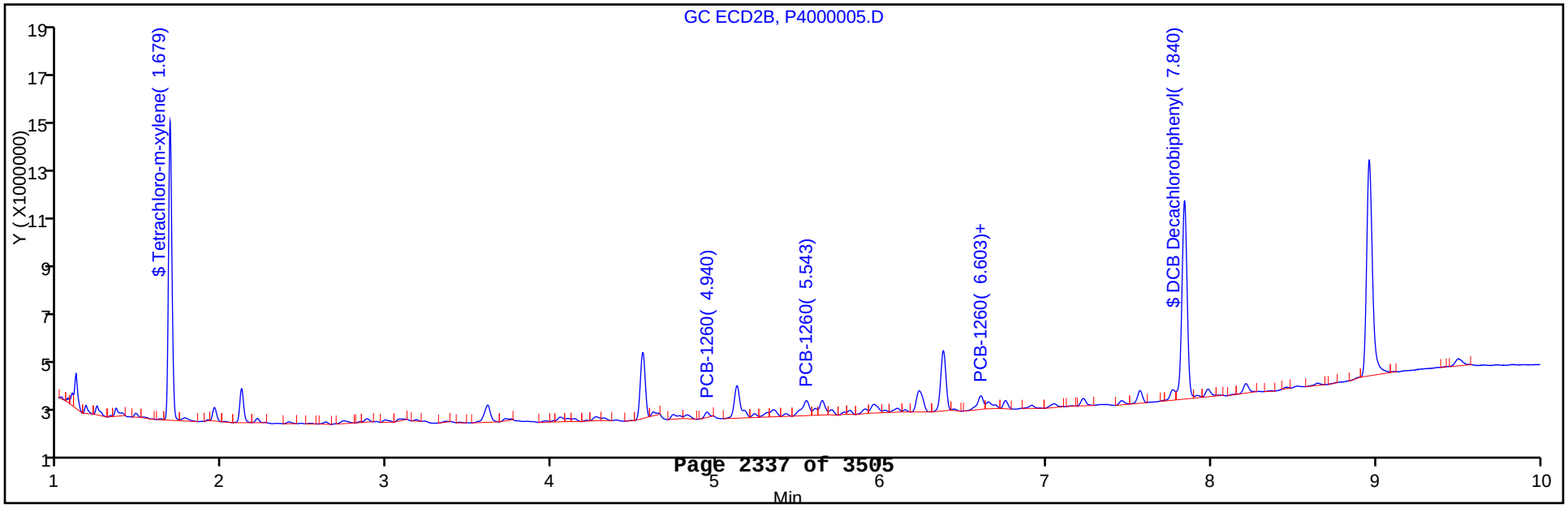
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000005.D		
Injection Date:	17-Apr-2013 11:12:55	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0017M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82267	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Client Sample ID: 068SB-0017M-0001-SO Lab Sample ID: 240-22663-31

Matrix: Solid Lab File ID: P4000005.D

Analysis Method: 8082/DOD Date Collected: 04/01/2013 15:42

Extraction Method: 3540C Date Extracted: 04/12/2013 11:46

Sample wt/vol: 30.42(g) Date Analyzed: 04/17/2013 11:12

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.: 82267 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	24	U	49	24	16
12674-11-2	Aroclor-1016	24	U	64	24	21
11141-16-5	Aroclor-1232	24	U	44	24	14
53469-21-9	Aroclor-1242	24	U	39	24	13
12672-29-6	Aroclor-1248	24	U	54	24	17
11097-69-1	Aroclor-1254	24	U	54	24	17
11096-82-5	Aroclor-1260	24	U	54	24	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	59		40-140
2051-24-3	DCB Decachlorobiphenyl	64		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000005.D		
Lims ID:	240-22663-C-31-B	Client ID:	068SB-0017M-0001-SO
Inject. Date:	17-Apr-2013 11:12:55	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018945-005		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	5
Lims Batch ID:	82267	Lims Sample ID:	5
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\PCB4.m		
Last Update:	19-Apr-2013 09:25:32	Calib Date:	15-Apr-2013 10:24:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK027		

First Level Reviewer: hassl Date: 19-Apr-2013 08:41:10

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	1.276	0.001	18305566	0.0116			
2	2	1.679	1.683	-0.004	18469826	0.0117			
						RPD = 1.26			
3 PCB-1221									1
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	2		1.828						
1	3		2.219						
1	4		2.338						
1	5		2.717						
2	6		2.145						
2	7		2.541						
2	8		2.992						
2	9		3.130						
2	10		3.233						
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	3.918	3.915	0.003	678020	0.0109		100.0	
1	2	4.207	4.201	0.006	771543	0.007006	152.2- 202.2	113.8	
1	3	4.480	4.482	-0.002	1903336	0.0177	146.4- 196.4	280.7	
1	4	5.185	5.181	0.004	1275633	0.009860	180.7- 230.7	188.1	
1	5	5.466	5.465	0.001	1313796	0.0226	64.1- 114.1	193.8	
			Average of Peak Amounts =			0.0136			
2	6	4.940	4.943	-0.003	424516	0.006172		100.0	
2	7	0.0	5.173	-5.173	0	0	87.6- 147.6		
2	8	5.543	5.540	0.003	2100350	0.0178	144.7- 204.7	494.8	
2	9	6.229	6.226	0.003	2533041	0.0174	187.7- 247.7	596.7	
2	10	6.603	6.608	-0.005	1512975	0.0157	115.0- 175.0	356.4	
			Average of Peak Amounts =			0.0142			
						RPD = 4.67			
$ 12 DCB Decachlorobiphenyl									
1	100	6.625	6.618	0.007	19026548	0.0142			
2	2	7.840	7.842	-0.002	18687596	0.0128			
						RPD = 10.49			

QC Flag Legend

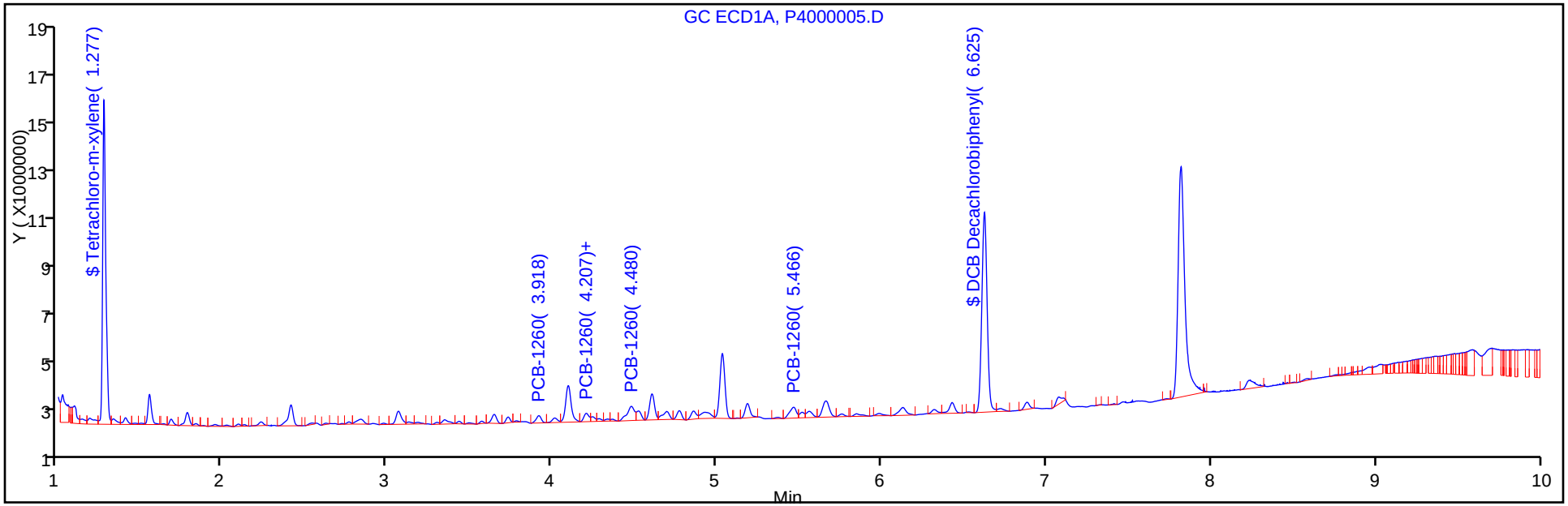
Processing Flags
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Report Date: 19-Apr-2013 09:25:36 Chrom Revision: 2.0 01-Apr-2013 21:16:10

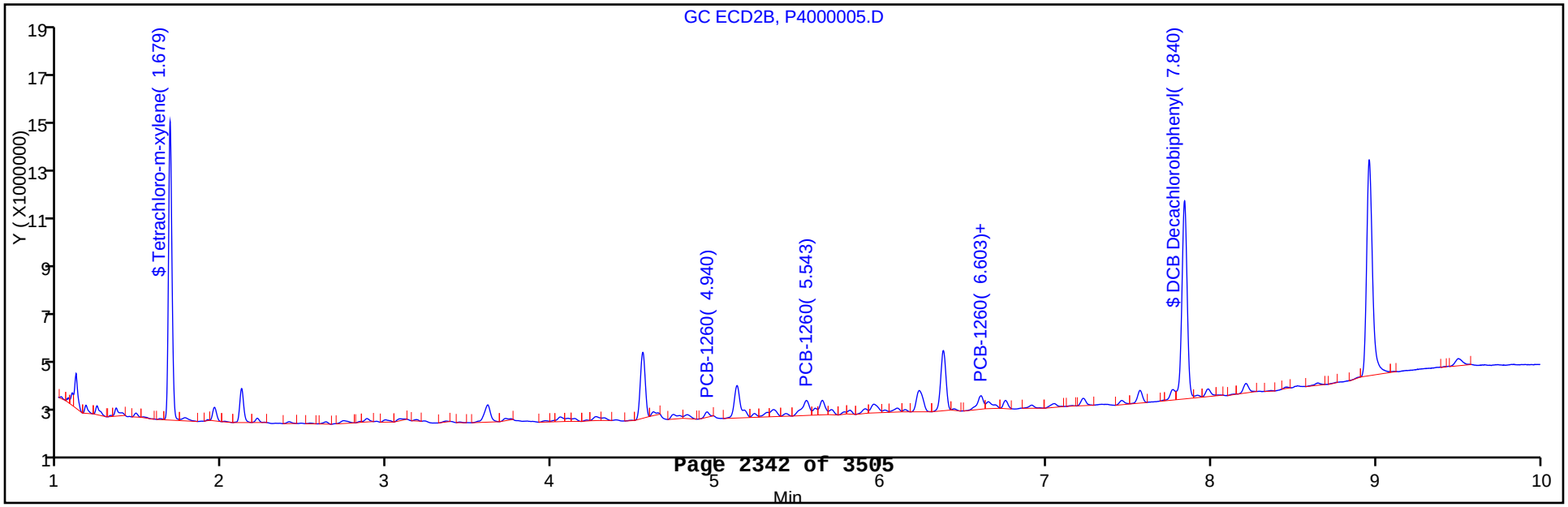
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000005.D		
Injection Date:	17-Apr-2013 11:12:55	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0017M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82267	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Client Sample ID: 068SB-0018M-0001-SO Lab Sample ID: 240-22663-32

Matrix: Solid Lab File ID: P4000006.D

Analysis Method: 8082/DOD Date Collected: 04/01/2013 15:43

Extraction Method: 3540C Date Extracted: 04/12/2013 11:46

Sample wt/vol: 30.29(g) Date Analyzed: 04/17/2013 11:28

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 82267 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	61		40-140
2051-24-3	DCB Decachlorobiphenyl	73		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000006.D		
Lims ID:	240-22663-C-32-B	Client ID:	068SB-0018M-0001-SO
Inject. Date:	17-Apr-2013 11:28:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018945-006		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	6
Lims Batch ID:	82267	Lims Sample ID:	6
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\PCB4.m		
Last Update:	19-Apr-2013 09:25:32	Calib Date:	15-Apr-2013 10:24:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK027		

First Level Reviewer: hassl Date: 19-Apr-2013 08:41:16

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	1.276	-0.001	19201525	0.0121			
2	2	1.681	1.683	-0.002	20574757	0.0130			
						RPD = 7.27			
3 PCB-1221									1
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	2		1.828						
1	3		2.219						
1	4		2.338						
1	5		2.717						
2	6		2.145						
2	7		2.541						
2	8		2.992						
2	9		3.130						
2	10		3.233						
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						
1	2		4.201						
1	3		4.482						
1	4		5.181						
1	5		5.465						
2	6		4.943						
2	7		5.173						
2	8		5.540						
2	9		6.226						
2	10		6.608						
$ 12 DCB Decachlorobiphenyl									
1	100	6.617	6.618	-0.001	19399327	0.0145			
2	2	7.839	7.842	-0.003	19444587	0.0133			
						RPD = 8.46			

QC Flag Legend

Processing Flags
1 - Missing Peaks

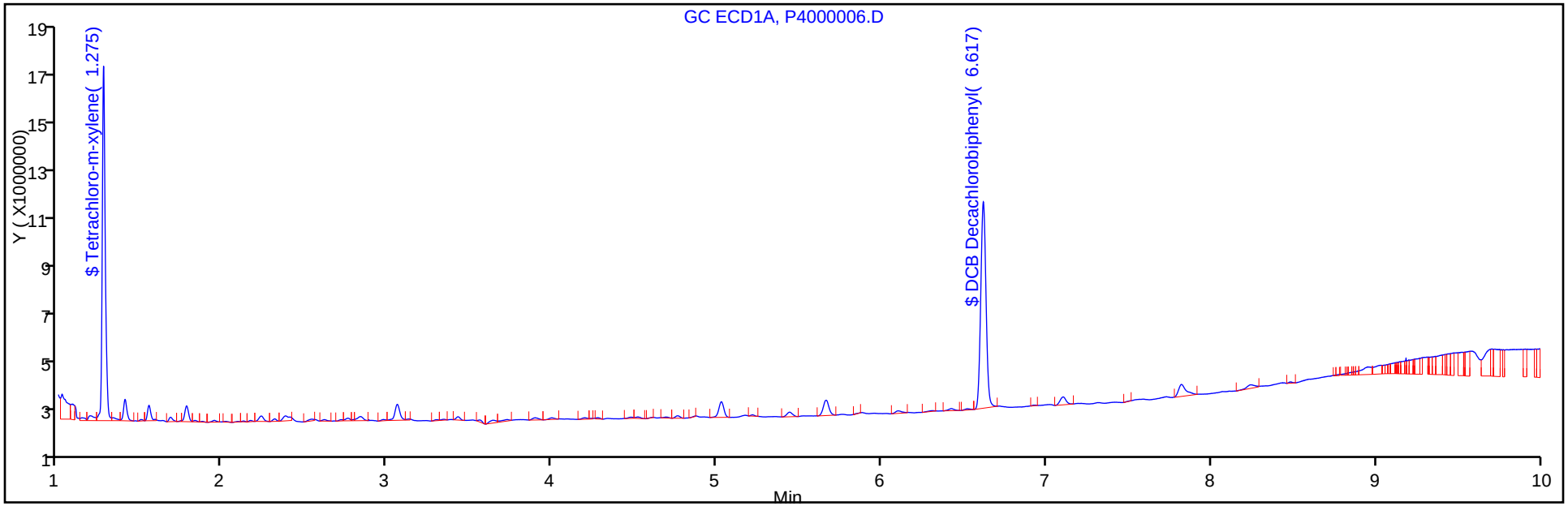
Report Date: 19-Apr-2013 09:25:36 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

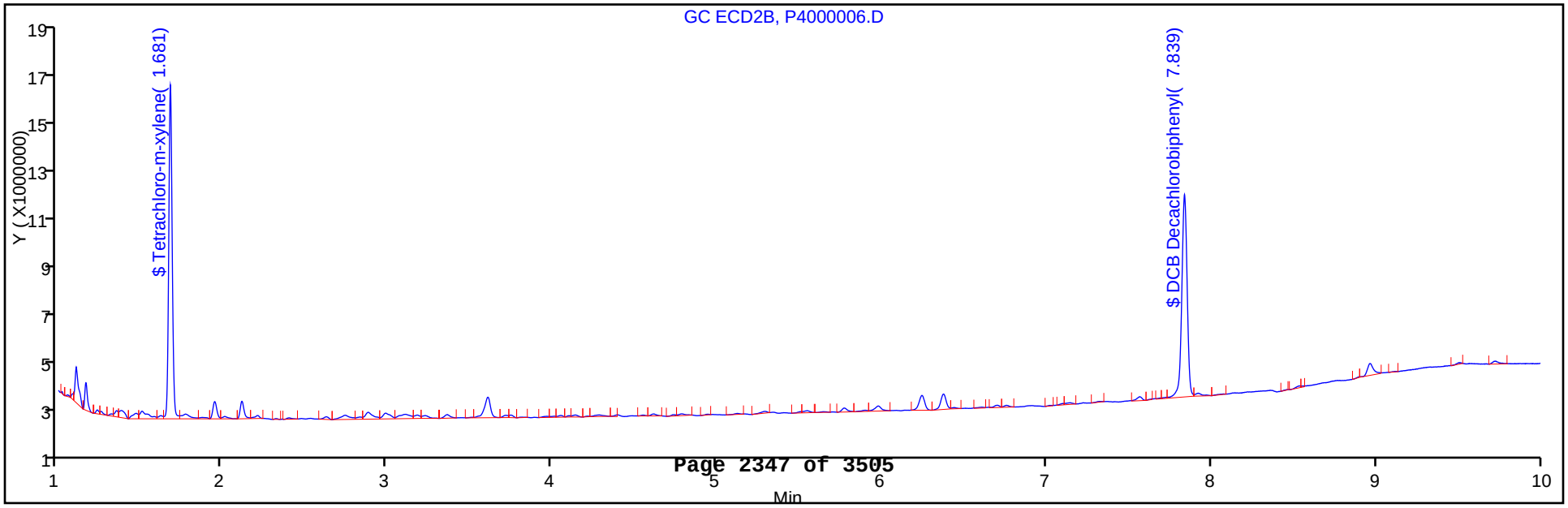
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000006.D

Injection Date:	17-Apr-2013 11:28:30	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0018M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82267	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.: 240-22663-1

SDG No.:

Client Sample ID: 068SB-0018M-0001-SO Lab Sample ID: 240-22663-32

Matrix: Solid Lab File ID: P4000006.D

Analysis Method: 8082/DOD Date Collected: 04/01/2013 15:43

Extraction Method: 3540C Date Extracted: 04/12/2013 11:46

Sample wt/vol: 30.29(g) Date Analyzed: 04/17/2013 11:28

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 82267 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	64	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	54	25	17
11097-69-1	Aroclor-1254	25	U	54	25	17
11096-82-5	Aroclor-1260	25	U	54	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	65		40-140
2051-24-3	DCB Decachlorobiphenyl	67		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000006.D		
Lims ID:	240-22663-C-32-B	Client ID:	068SB-0018M-0001-SO
Inject. Date:	17-Apr-2013 11:28:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018945-006		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	6
Lims Batch ID:	82267	Lims Sample ID:	6
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\PCB4.m		
Last Update:	19-Apr-2013 09:25:32	Calib Date:	15-Apr-2013 10:24:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK027		

First Level Reviewer: hassl Date: 19-Apr-2013 08:41:16

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	1.276	-0.001	19201525	0.0121			
2	2	1.681	1.683	-0.002	20574757	0.0130			
						RPD = 7.27			
3 PCB-1221									1
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	2		1.828						
1	3		2.219						
1	4		2.338						
1	5		2.717						
2	6		2.145						
2	7		2.541						
2	8		2.992						
2	9		3.130						
2	10		3.233						
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						
1	2		4.201						
1	3		4.482						
1	4		5.181						
1	5		5.465						
2	6		4.943						
2	7		5.173						
2	8		5.540						
2	9		6.226						
2	10		6.608						
$ 12 DCB Decachlorobiphenyl									
1	100	6.617	6.618	-0.001	19399327	0.0145			
2	2	7.839	7.842	-0.003	19444587	0.0133			
						RPD = 8.46			

QC Flag Legend

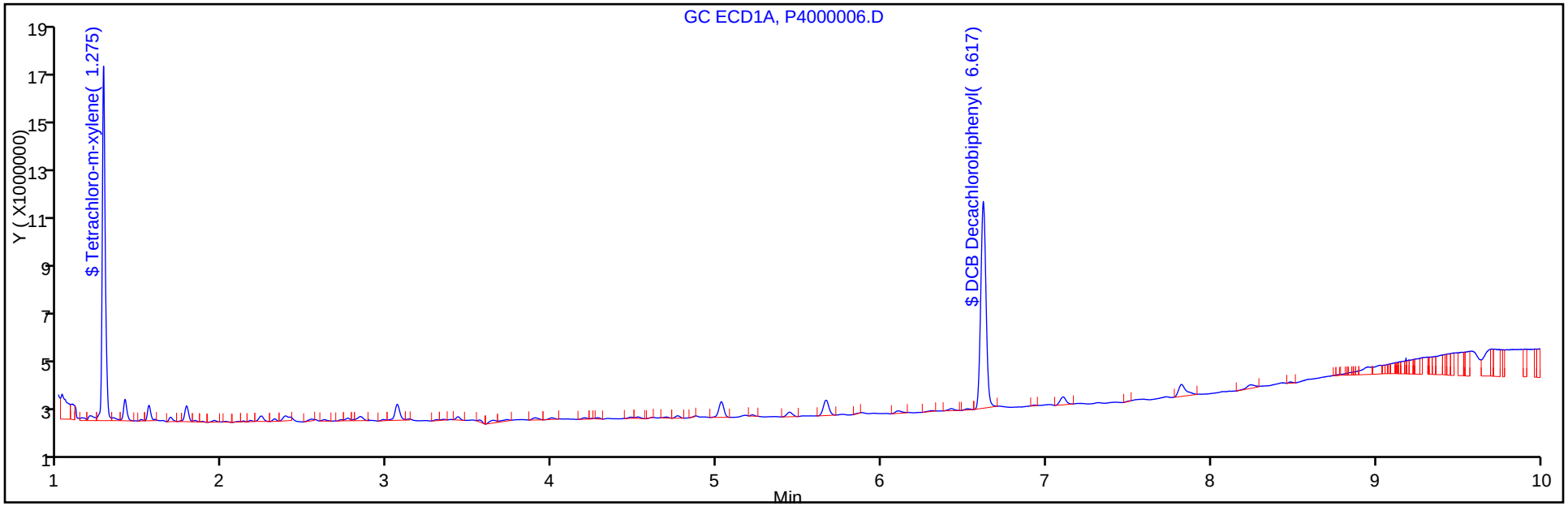
Processing Flags
1 - Missing Peaks

Report Date: 19-Apr-2013 09:25:37 Chrom Revision: 2.0 01-Apr-2013 21:16:10

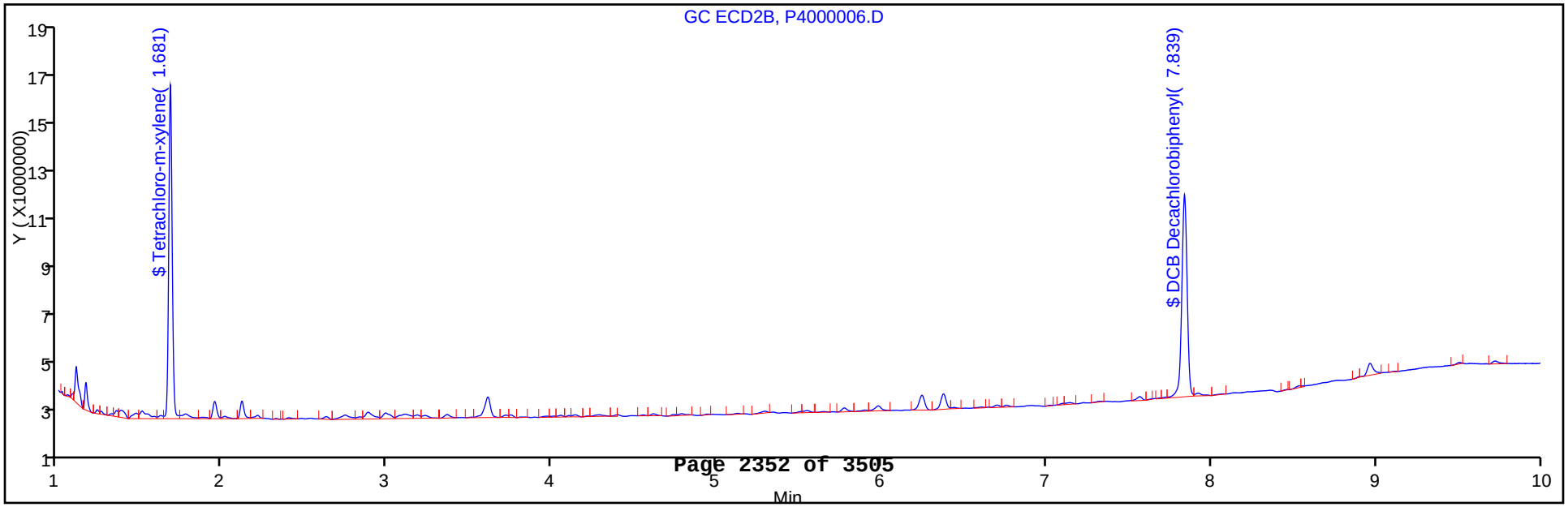
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000006.D		
Injection Date:	17-Apr-2013 11:28:30	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0018M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82267	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.: 240-22663-1

SDG No.:

Client Sample ID: 068SB-0019M-0001-SO Lab Sample ID: 240-22663-33

Matrix: Solid Lab File ID: P4000015.D

Analysis Method: 8082/DOD Date Collected: 04/01/2013 15:21

Extraction Method: 3540C Date Extracted: 04/12/2013 11:46

Sample wt/vol: 29.59(g) Date Analyzed: 04/17/2013 13:49

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.: 82267 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	82		40-140
2051-24-3	DCB Decachlorobiphenyl	93		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000015.D		
Lims ID:	240-22663-C-33-B	Client ID:	068SB-0019M-0001-SO
Inject. Date:	17-Apr-2013 13:49:10	Dil. Factor:	5.0000
Sample Type:	Client		
Sample ID:	240-0018945-015		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	15
Lims Batch ID:	82267	Lims Sample ID:	15
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\PCB4.m		
Last Update:	19-Apr-2013 09:25:41	Calib Date:	15-Apr-2013 10:24:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK027		
First Level Reviewer: hassl		Date:	19-Apr-2013 08:46:48

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	26110844	0.0165			
2	2	1.684	1.683	0.001	26397465	0.0167			
						RPD = 1.46			
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	2		1.827						
1	3		2.220						
1	4		2.339						
1	5		2.718						
2	6		2.146						
2	7		2.541						
2	8		2.993						
2	9		3.131						
2	10		3.235						
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						

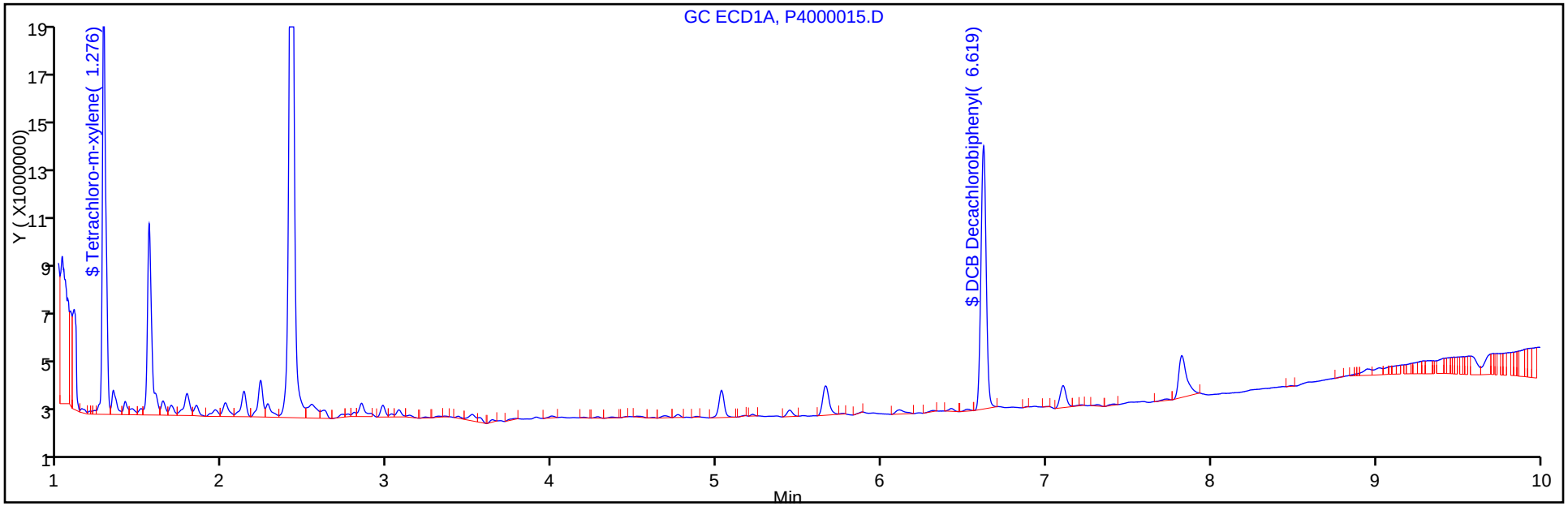
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.914						
1	2		4.202						
1	3		4.481						
1	4		5.181						
1	5		5.466						
2	6		4.944						
2	7		5.173						
2	8		5.541						
2	9		6.226						
2	10		6.606						
$ 12 DCB Decachlorobiphenyl									
1	100	6.619	6.619	0.000	24750351	0.0185			
2	2	7.842	7.842	0.000	25487666	0.0175			
						RPD = 5.77			

Report Date: 19-Apr-2013 09:25:42 Chrom Revision: 2.0 01-Apr-2013 21:16:10

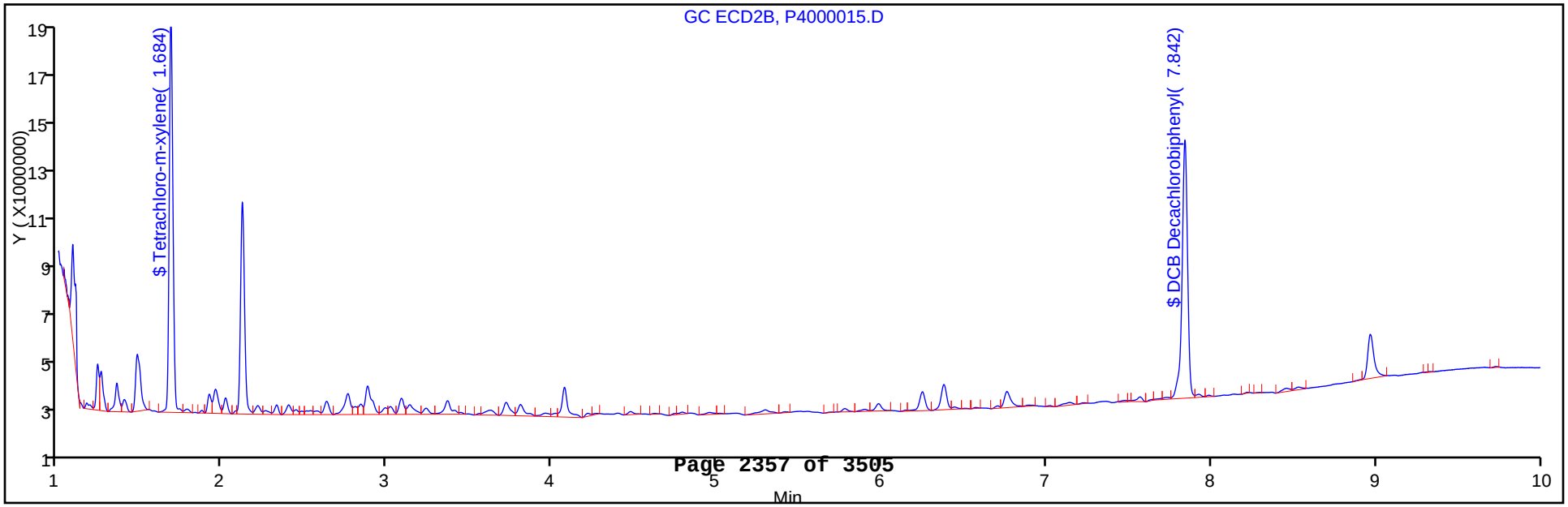
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000015.D		
Injection Date:	17-Apr-2013 13:49:10	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0019M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82267	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.: 240-22663-1

SDG No.:

Client Sample ID: 068SB-0019M-0001-SO | Lab Sample ID: 240-22663-33

Matrix: Solid | Lab File ID: P4000015.D

Analysis Method: 8082/DOD | Date Collected: 04/01/2013 15:21

Extraction Method: 3540C | Date Extracted: 04/12/2013 11:46

Sample wt/vol: 29.59(g) | Date Analyzed: 04/17/2013 13:49

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.: 82267 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	51	25	16
12674-11-2	Aroclor-1016	25	U	66	25	21
11141-16-5	Aroclor-1232	25	U	46	25	14
53469-21-9	Aroclor-1242	25	U	41	25	13
12672-29-6	Aroclor-1248	25	U	56	25	17
11097-69-1	Aroclor-1254	25	U	56	25	17
11096-82-5	Aroclor-1260	25	U	56	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	84		40-140
2051-24-3	DCB Decachlorobiphenyl	87		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000015.D		
Lims ID:	240-22663-C-33-B	Client ID:	068SB-0019M-0001-SO
Inject. Date:	17-Apr-2013 13:49:10	Dil. Factor:	5.0000
Sample Type:	Client		
Sample ID:	240-0018945-015		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	15
Lims Batch ID:	82267	Lims Sample ID:	15
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\PCB4.m		
Last Update:	19-Apr-2013 09:25:41	Calib Date:	15-Apr-2013 10:24:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK027		

First Level Reviewer: hassl Date: 19-Apr-2013 08:46:48

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	26110844	0.0165			
2	2	1.684	1.683	0.001	26397465	0.0167			
						RPD = 1.46			
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	2		1.827						
1	3		2.220						
1	4		2.339						
1	5		2.718						
2	6		2.146						
2	7		2.541						
2	8		2.993						
2	9		3.131						
2	10		3.235						
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						

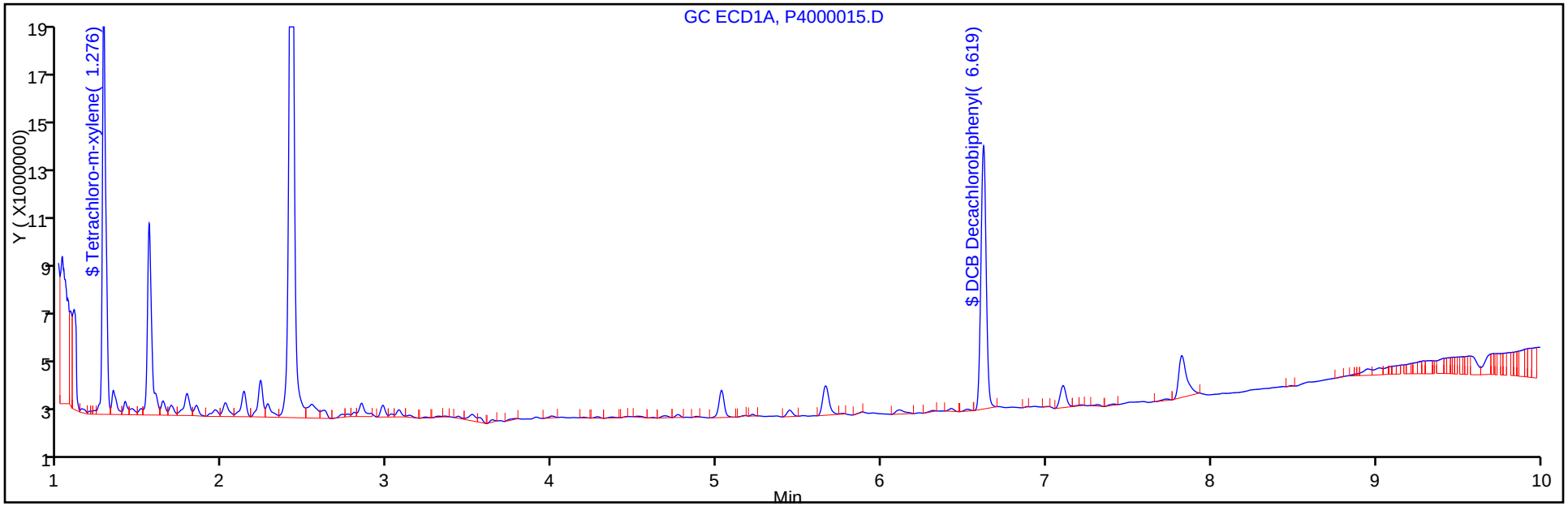
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.914						
1	2		4.202						
1	3		4.481						
1	4		5.181						
1	5		5.466						
2	6		4.944						
2	7		5.173						
2	8		5.541						
2	9		6.226						
2	10		6.606						
$ 12 DCB Decachlorobiphenyl									
1	100	6.619	6.619	0.000	24750351	0.0185			
2	2	7.842	7.842	0.000	25487666	0.0175			
						RPD = 5.77			

Report Date: 19-Apr-2013 09:25:42 Chrom Revision: 2.0 01-Apr-2013 21:16:10

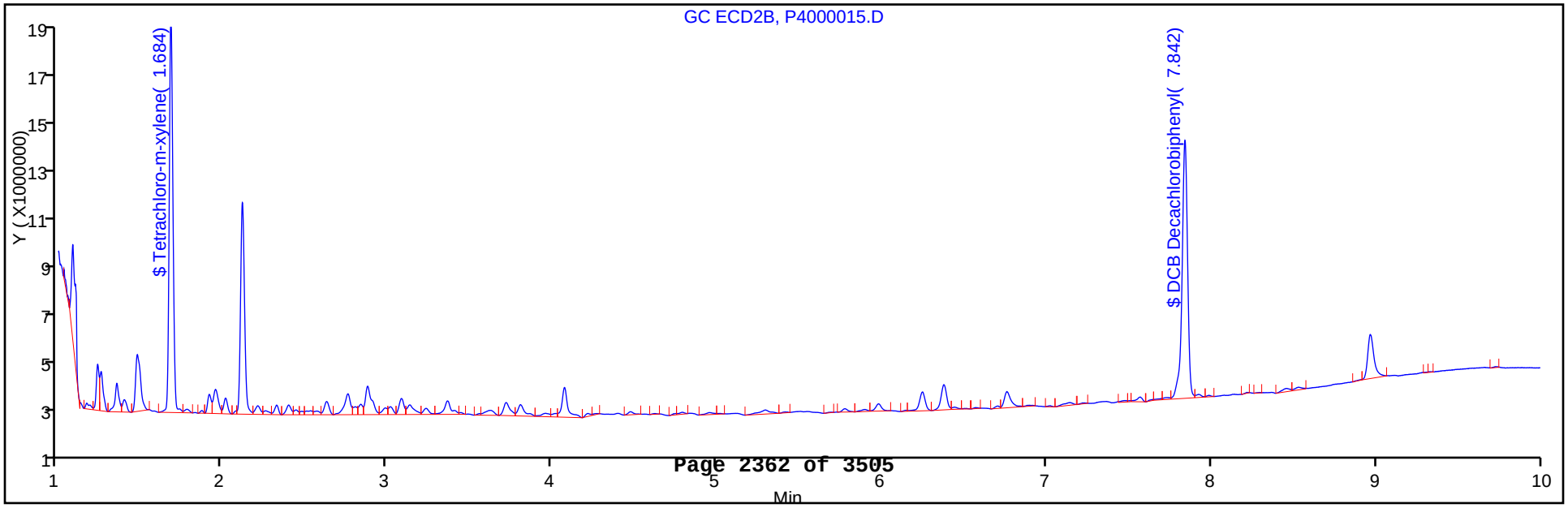
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000015.D		
Injection Date:	17-Apr-2013 13:49:10	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0019M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82267	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.: 240-22663-1

SDG No.:

Client Sample ID: 068SB-0022M-0001-SO Lab Sample ID: 240-22663-34

Matrix: Solid Lab File ID: P4000016.D

Analysis Method: 8082/DOD Date Collected: 04/01/2013 15:21

Extraction Method: 3540C Date Extracted: 04/12/2013 11:46

Sample wt/vol: 30.36(g) Date Analyzed: 04/17/2013 14:04

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 82267 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	76		40-140
2051-24-3	DCB Decachlorobiphenyl	84		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000016.D		
Lims ID:	240-22663-C-34-B	Client ID:	068SB-0022M-0001-SO
Inject. Date:	17-Apr-2013 14:04:44	Dil. Factor:	5.0000
Sample Type:	Client		
Sample ID:	240-0018945-016		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	16
Lims Batch ID:	82267	Lims Sample ID:	16
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\PCB4.m		
Last Update:	19-Apr-2013 09:25:41	Calib Date:	15-Apr-2013 10:24:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK027		

First Level Reviewer: hassl Date: 19-Apr-2013 08:47:00

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	24173795	0.0153			
2	2	1.684	1.683	0.001	24930757	0.0158			
						RPD = 3.45			
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	2		1.827						
1	3		2.220						
1	4		2.339						
1	5		2.718						
2	6		2.146						
2	7		2.541						
2	8		2.993						
2	9		3.131						
2	10		3.235						
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						

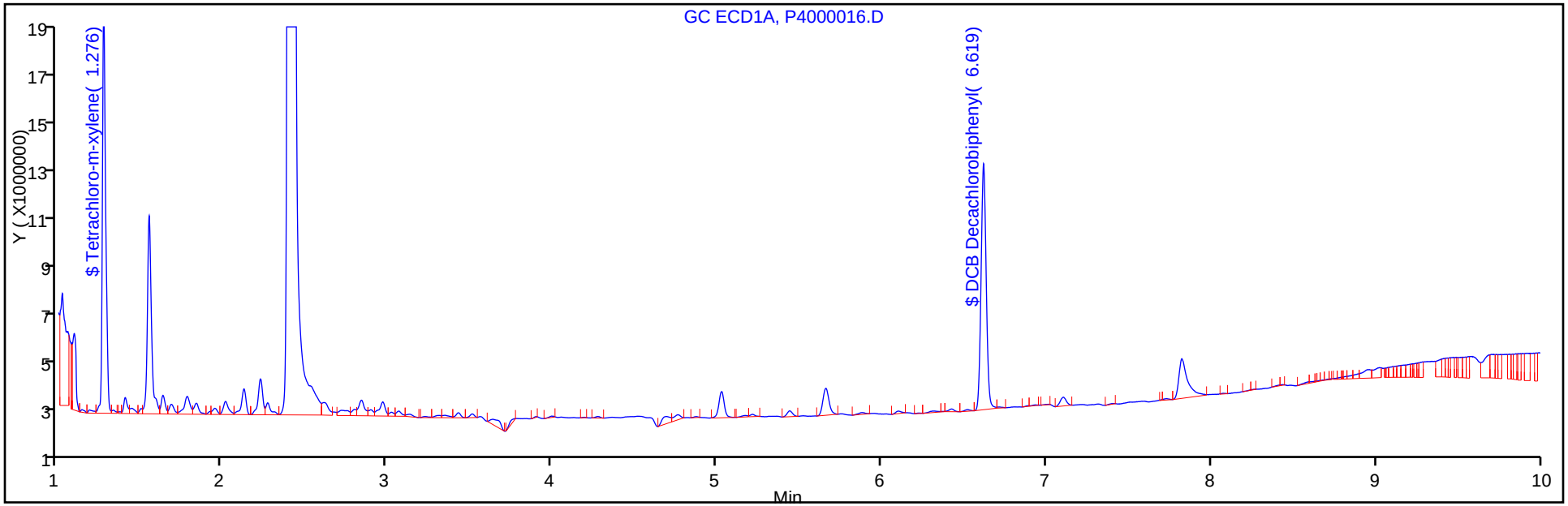
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.914						
1	2		4.202						
1	3		4.481						
1	4		5.181						
1	5		5.466						
2	6		4.944						
2	7		5.173						
2	8		5.541						
2	9		6.226						
2	10		6.606						
$ 12 DCB Decachlorobiphenyl									
1	100	6.619	6.619	0.000	22505351	0.0169			
2	2	7.842	7.842	0.000	22023184	0.0151			
						RPD = 10.86			

Report Date: 19-Apr-2013 09:25:43 Chrom Revision: 2.0 01-Apr-2013 21:16:10

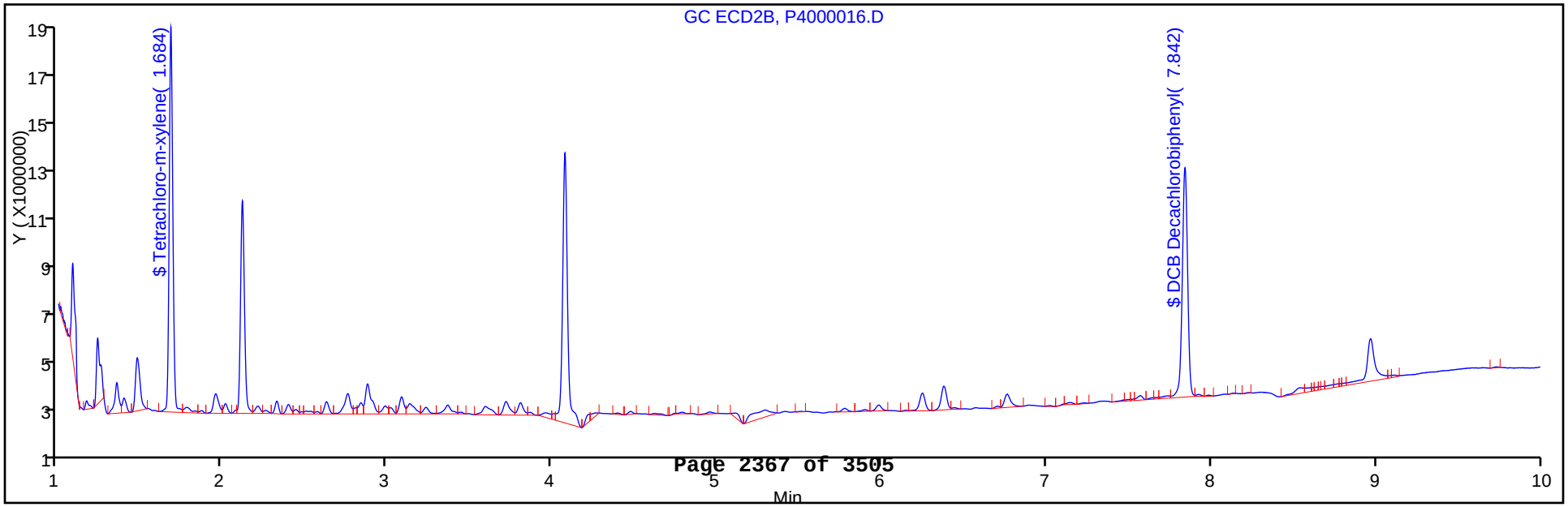
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000016.D		
Injection Date:	17-Apr-2013 14:04:44	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0022M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82267	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 I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Client Sample ID: 068SB-0022M-0001-SO Lab Sample ID: 240-22663-34

Matrix: Solid Lab File ID: P4000016.D

Analysis Method: 8082/DOD Date Collected: 04/01/2013 15:21

Extraction Method: 3540C Date Extracted: 04/12/2013 11:46

Sample wt/vol: 30.36(g) Date Analyzed: 04/17/2013 14:04

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 82267 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	24	U	49	24	16
12674-11-2	Aroclor-1016	24	U	64	24	21
11141-16-5	Aroclor-1232	24	U	44	24	14
53469-21-9	Aroclor-1242	24	U	40	24	13
12672-29-6	Aroclor-1248	24	U	54	24	17
11097-69-1	Aroclor-1254	24	U	54	24	17
11096-82-5	Aroclor-1260	24	U	54	24	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	79		40-140
2051-24-3	DCB Decachlorobiphenyl	76		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000016.D		
Lims ID:	240-22663-C-34-B	Client ID:	068SB-0022M-0001-SO
Inject. Date:	17-Apr-2013 14:04:44	Dil. Factor:	5.0000
Sample Type:	Client		
Sample ID:	240-0018945-016		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	16
Lims Batch ID:	82267	Lims Sample ID:	16
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\PCB4.m		
Last Update:	19-Apr-2013 09:25:41	Calib Date:	15-Apr-2013 10:24:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK027		
First Level Reviewer: hassl		Date:	19-Apr-2013 08:47:00

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	24173795	0.0153			
2	2	1.684	1.683	0.001	24930757	0.0158			
						RPD = 3.45			
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	2		1.827						
1	3		2.220						
1	4		2.339						
1	5		2.718						
2	6		2.146						
2	7		2.541						
2	8		2.993						
2	9		3.131						
2	10		3.235						
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						

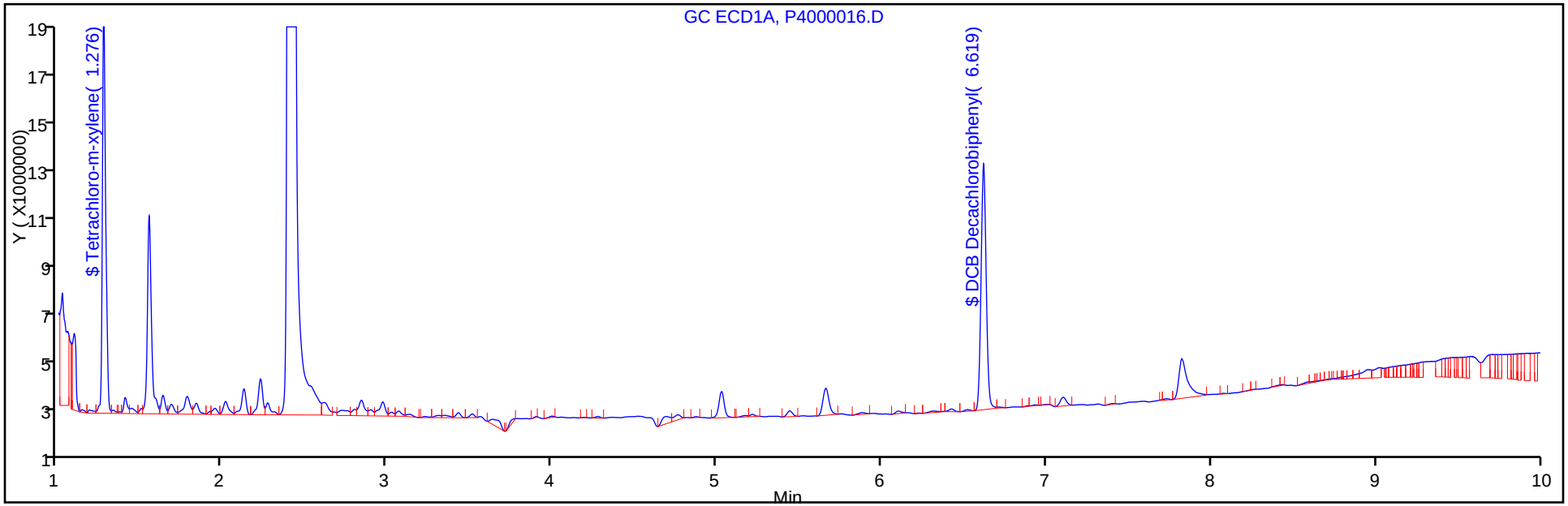
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.914						
1	2		4.202						
1	3		4.481						
1	4		5.181						
1	5		5.466						
2	6		4.944						
2	7		5.173						
2	8		5.541						
2	9		6.226						
2	10		6.606						
$ 12 DCB Decachlorobiphenyl									
1	100	6.619	6.619	0.000	22505351	0.0169			
2	2	7.842	7.842	0.000	22023184	0.0151			
						RPD = 10.86			

Report Date: 19-Apr-2013 09:25:43 Chrom Revision: 2.0 01-Apr-2013 21:16:10

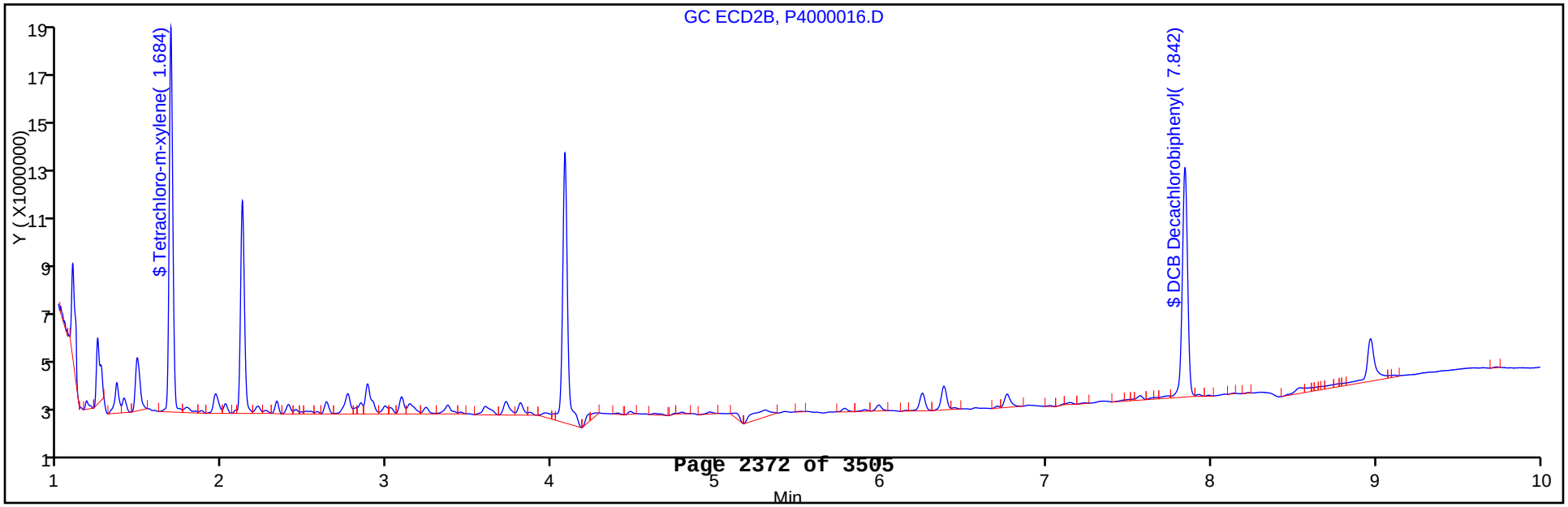
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000016.D		
Injection Date:	17-Apr-2013 14:04:44	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0022M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82267	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 I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Client Sample ID: 068SB-0020M-0001-SO Lab Sample ID: 240-22663-35

Matrix: Solid Lab File ID: P4000017.D

Analysis Method: 8082/DOD Date Collected: 04/01/2013 15:50

Extraction Method: 3540C Date Extracted: 04/12/2013 11:46

Sample wt/vol: 29.73(g) Date Analyzed: 04/17/2013 14:20

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 82267 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	76		40-140
2051-24-3	DCB Decachlorobiphenyl	91		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000017.D		
Lims ID:	240-22663-C-35-B	Client ID:	068SB-0020M-0001-SO
Inject. Date:	17-Apr-2013 14:20:22	Dil. Factor:	5.0000
Sample Type:	Client		
Sample ID:	240-0018945-017		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	17
Lims Batch ID:	82267	Lims Sample ID:	17
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\PCB4.m		
Last Update:	19-Apr-2013 09:25:41	Calib Date:	15-Apr-2013 10:24:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK027		

First Level Reviewer: hassl Date: 19-Apr-2013 08:47:09

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	23940853	0.0151			
2	2	1.683	1.683	0.000	24907958	0.0158			
						RPD = 4.33			
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	2		1.827						
1	3		2.220						
1	4		2.339						
1	5		2.718						
2	6		2.146						
2	7		2.541						
2	8		2.993						
2	9		3.131						
2	10		3.235						
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						

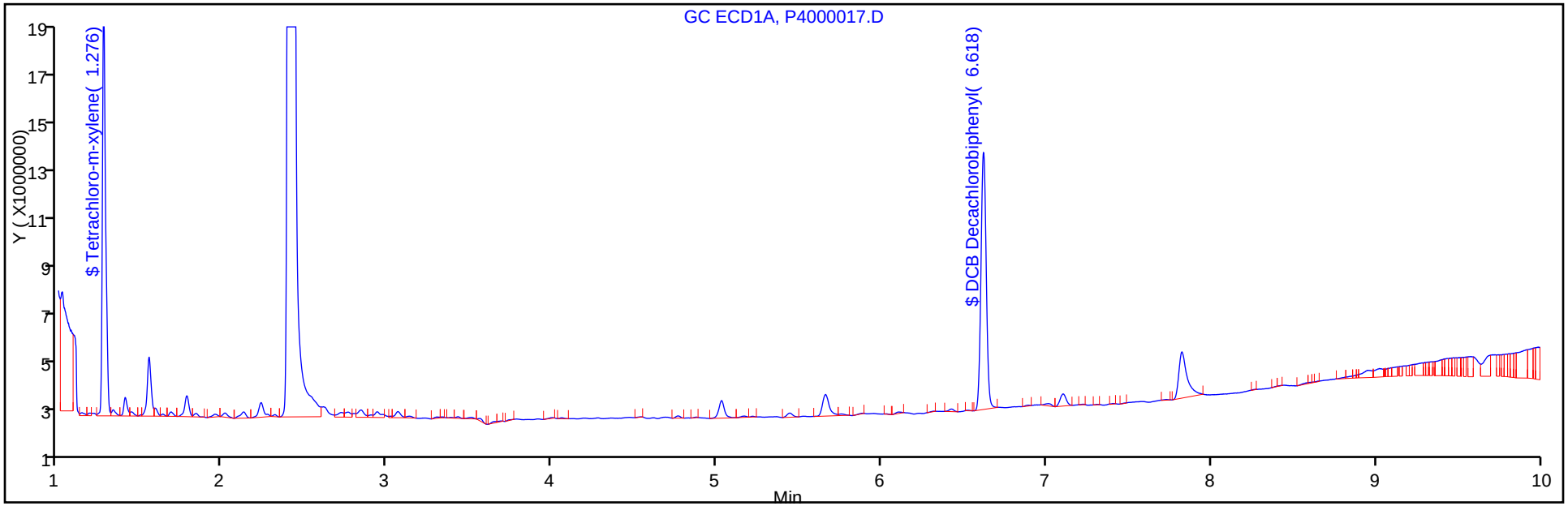
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.914						
1	2		4.202						
1	3		4.481						
1	4		5.181						
1	5		5.466						
2	6		4.944						
2	7		5.173						
2	8		5.541						
2	9		6.226						
2	10		6.606						
$ 12 DCB Decachlorobiphenyl									
1	100	6.618	6.619	-0.001	24189723	0.0181			
2	2	7.841	7.842	-0.001	24292947	0.0167			
						RPD = 8.27			

Report Date: 19-Apr-2013 09:25:43 Chrom Revision: 2.0 01-Apr-2013 21:16:10

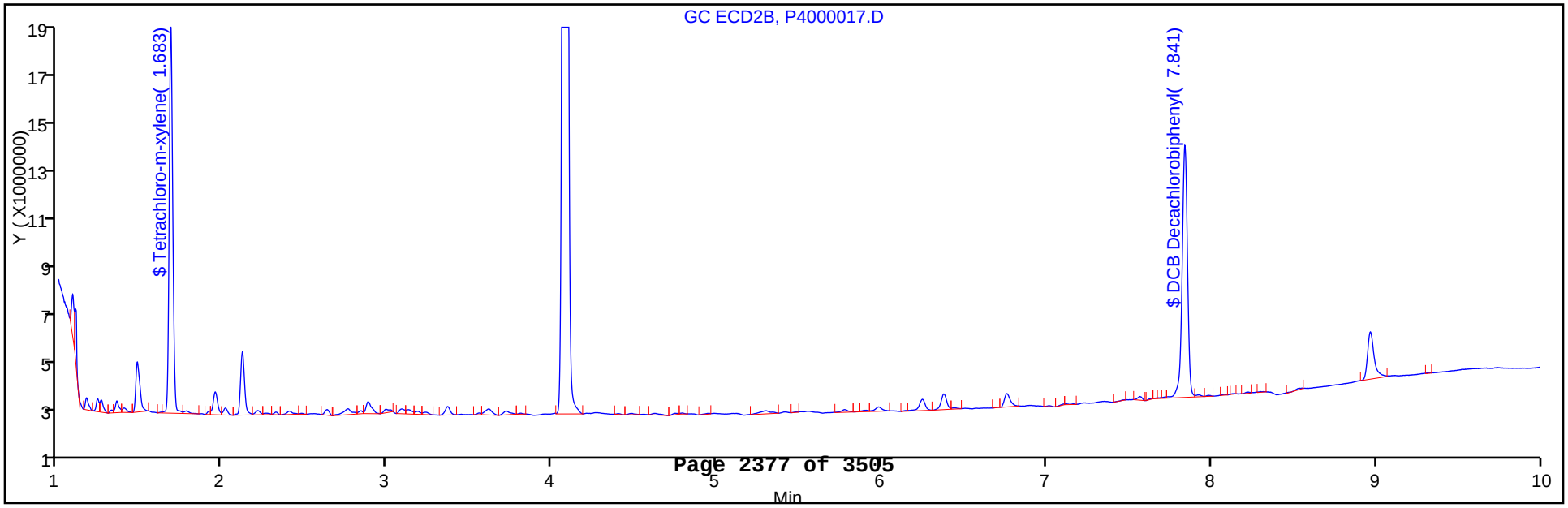
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000017.D		
Injection Date:	17-Apr-2013 14:20:22	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0020M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82267	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.: 240-22663-1

SDG No.:

Client Sample ID: 068SB-0020M-0001-SO | Lab Sample ID: 240-22663-35

Matrix: Solid | Lab File ID: P4000017.D

Analysis Method: 8082/DOD | Date Collected: 04/01/2013 15:50

Extraction Method: 3540C | Date Extracted: 04/12/2013 11:46

Sample wt/vol: 29.73(g) | Date Analyzed: 04/17/2013 14:20

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82267 | 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	66	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	79		40-140
2051-24-3	DCB Decachlorobiphenyl	83		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000017.D		
Lims ID:	240-22663-C-35-B	Client ID:	068SB-0020M-0001-SO
Inject. Date:	17-Apr-2013 14:20:22	Dil. Factor:	5.0000
Sample Type:	Client		
Sample ID:	240-0018945-017		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	17
Lims Batch ID:	82267	Lims Sample ID:	17
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\PCB4.m		
Last Update:	19-Apr-2013 09:25:41	Calib Date:	15-Apr-2013 10:24:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK027		

First Level Reviewer: hassl Date: 19-Apr-2013 08:47:09

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	23940853	0.0151			
2	2	1.683	1.683	0.000	24907958	0.0158			
						RPD = 4.33			
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	2		1.827						
1	3		2.220						
1	4		2.339						
1	5		2.718						
2	6		2.146						
2	7		2.541						
2	8		2.993						
2	9		3.131						
2	10		3.235						
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						
1	2		4.202						
1	3		4.481						
1	4		5.181						
1	5		5.466						
2	6		4.944						
2	7		5.173						
2	8		5.541						
2	9		6.226						
2	10		6.606						
$ 12 DCB Decachlorobiphenyl									
1	100	6.618	6.619	-0.001	24189723	0.0181			
2	2	7.841	7.842	-0.001	24292947	0.0167			
						RPD = 8.27			

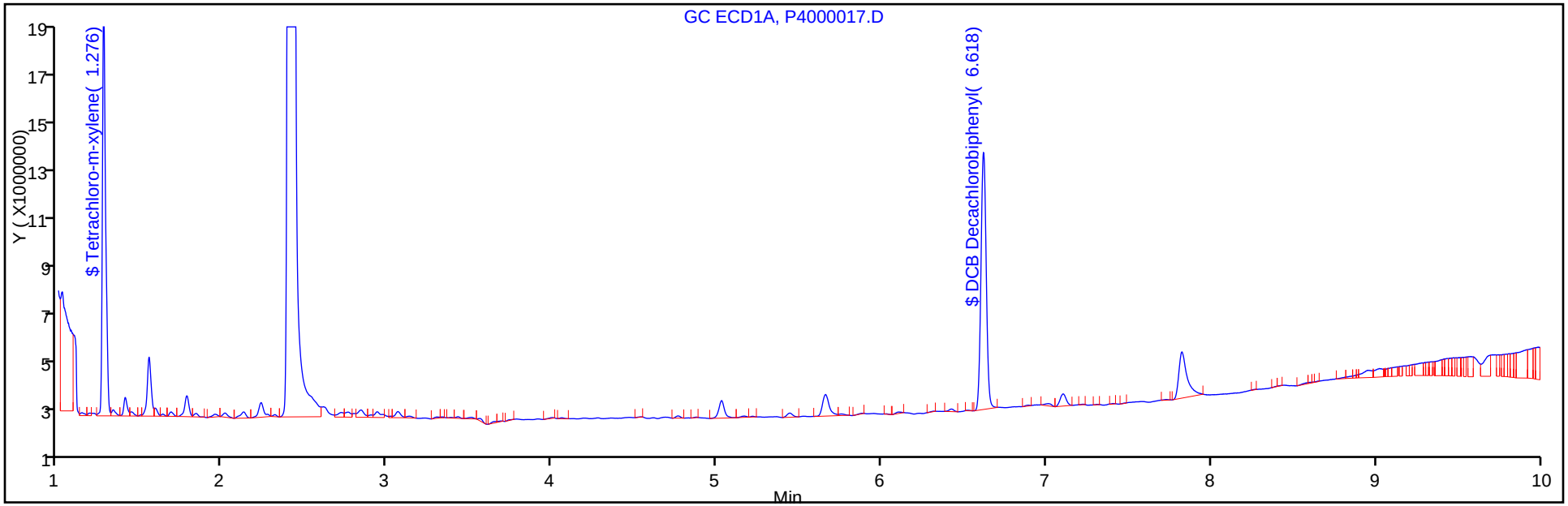
Report Date: 19-Apr-2013 09:25:44 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

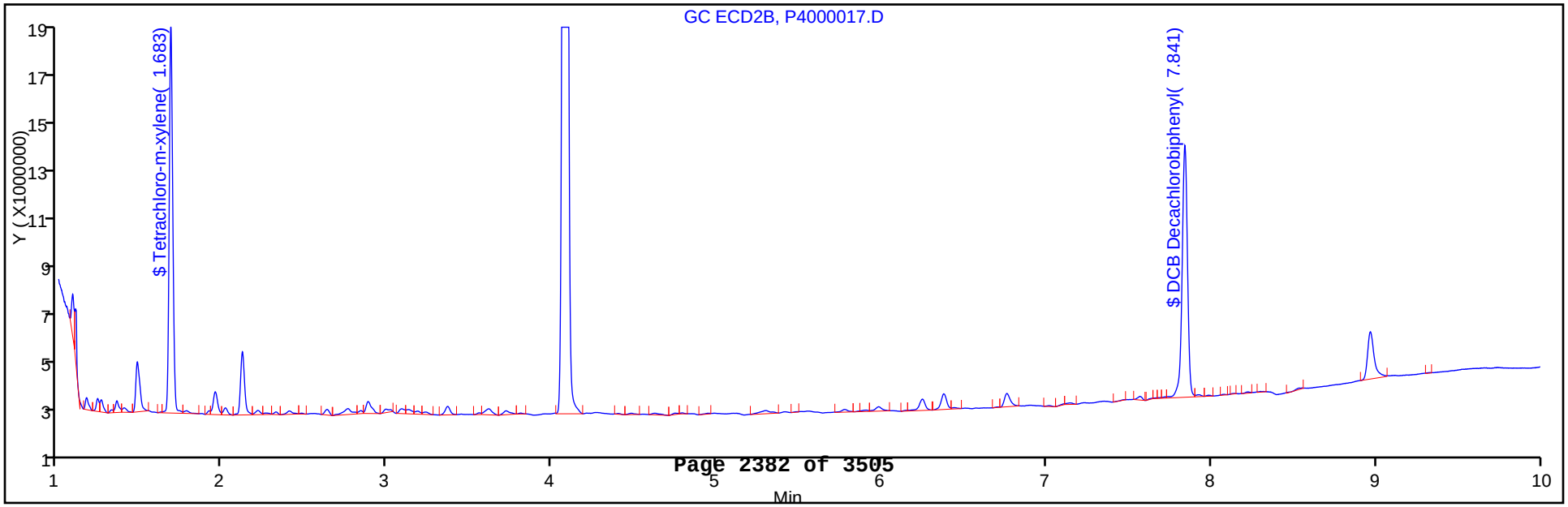
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000017.D

Injection Date:	17-Apr-2013 14:20:22	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0020M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82267	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.: 240-22663-1

SDG No.:

Client Sample ID: 068SB-0023M-0001-SO Lab Sample ID: 240-22663-36

Matrix: Solid Lab File ID: P4000018.D

Analysis Method: 8082/DOD Date Collected: 04/01/2013 14:40

Extraction Method: 3540C Date Extracted: 04/12/2013 11:46

Sample wt/vol: 29.89(g) Date Analyzed: 04/17/2013 14:35

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.: 82267 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	72		40-140
2051-24-3	DCB Decachlorobiphenyl	82		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000018.D		
Lims ID:	240-22663-C-36-B	Client ID:	068SB-0023M-0001-SO
Inject. Date:	17-Apr-2013 14:35:58	Dil. Factor:	100.0000
Sample Type:	Client		
Sample ID:	240-0018945-018		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	18
Lims Batch ID:	82267	Lims Sample ID:	18
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\PCB4.m		
Last Update:	19-Apr-2013 09:25:41	Calib Date:	15-Apr-2013 10:24:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK027		

First Level Reviewer: hassl Date: 19-Apr-2013 08:47:16

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	22710906	0.0143			
2	2	1.684	1.683	0.001	24079625	0.0153			
						RPD = 6.22			
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	2		1.827						
1	3		2.220						
1	4		2.339						
1	5		2.718						
2	6		2.146						
2	7		2.541						
2	8		2.993						
2	9		3.131						
2	10		3.235						
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						
1	2		4.202						
1	3		4.481						
1	4		5.181						
1	5		5.466						
2	6		4.944						
2	7		5.173						
2	8		5.541						
2	9		6.226						
2	10		6.606						
$ 12 DCB Decachlorobiphenyl									
1	100	6.619	6.619	0.000	21881691	0.0164			
2	2	7.843	7.842	0.001	21768928	0.0149			
						RPD = 9.21			

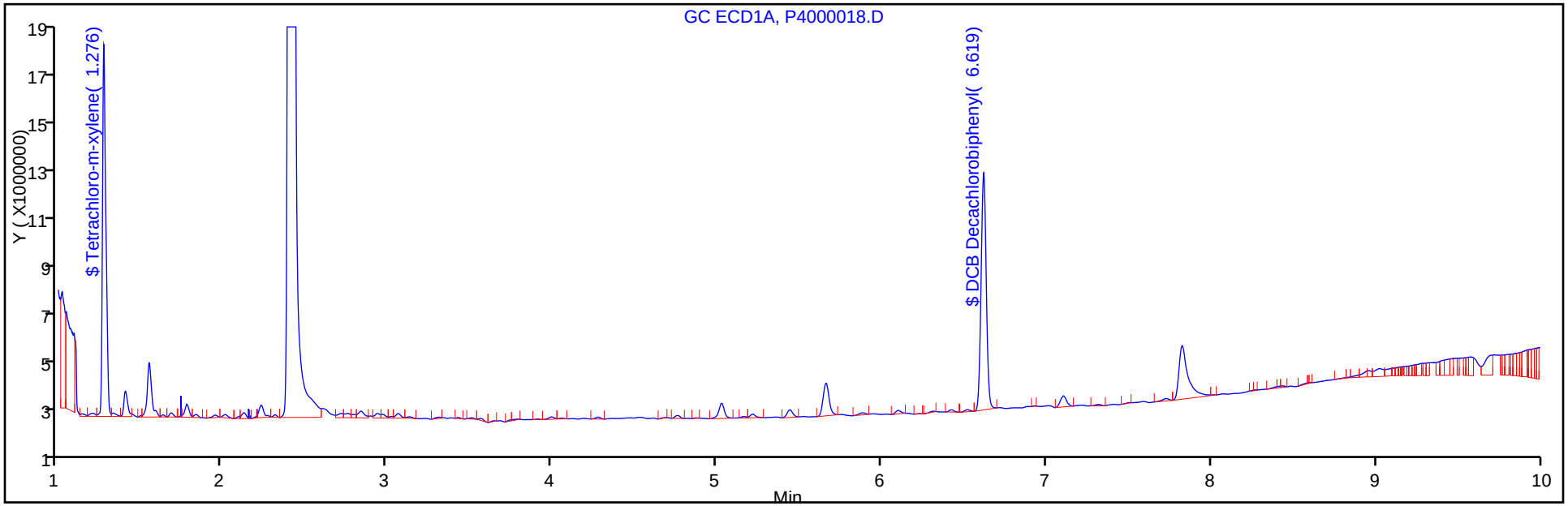
Report Date: 19-Apr-2013 09:25:44 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

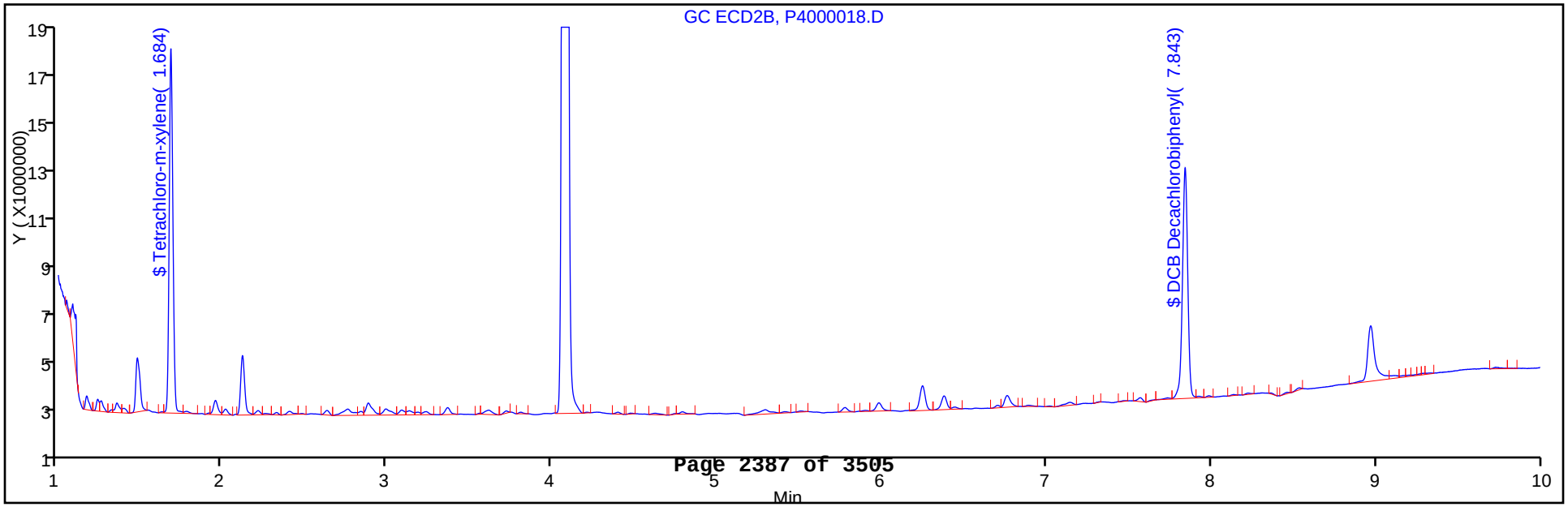
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000018.D

Injection Date:	17-Apr-2013 14:35:58	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0023M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82267	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22663-1

SDG No.:

Client Sample ID: 068SB-0023M-0001-SO | Lab Sample ID: 240-22663-36

Matrix: Solid | Lab File ID: P4000018.D

Analysis Method: 8082/DOD | Date Collected: 04/01/2013 14:40

Extraction Method: 3540C | Date Extracted: 04/12/2013 11:46

Sample wt/vol: 29.89(g) | Date Analyzed: 04/17/2013 14:35

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.: 82267 | 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	76		40-140
2051-24-3	DCB Decachlorobiphenyl	75		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000018.D		
Lims ID:	240-22663-C-36-B	Client ID:	068SB-0023M-0001-SO
Inject. Date:	17-Apr-2013 14:35:58	Dil. Factor:	100.0000
Sample Type:	Client		
Sample ID:	240-0018945-018		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	18
Lims Batch ID:	82267	Lims Sample ID:	18
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\PCB4.m		
Last Update:	19-Apr-2013 09:25:41	Calib Date:	15-Apr-2013 10:24:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK027		

First Level Reviewer: hassl Date: 19-Apr-2013 08:47:16

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	22710906	0.0143			
2	2	1.684	1.683	0.001	24079625	0.0153			
						RPD = 6.22			
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	2		1.827						
1	3		2.220						
1	4		2.339						
1	5		2.718						
2	6		2.146						
2	7		2.541						
2	8		2.993						
2	9		3.131						
2	10		3.235						
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						

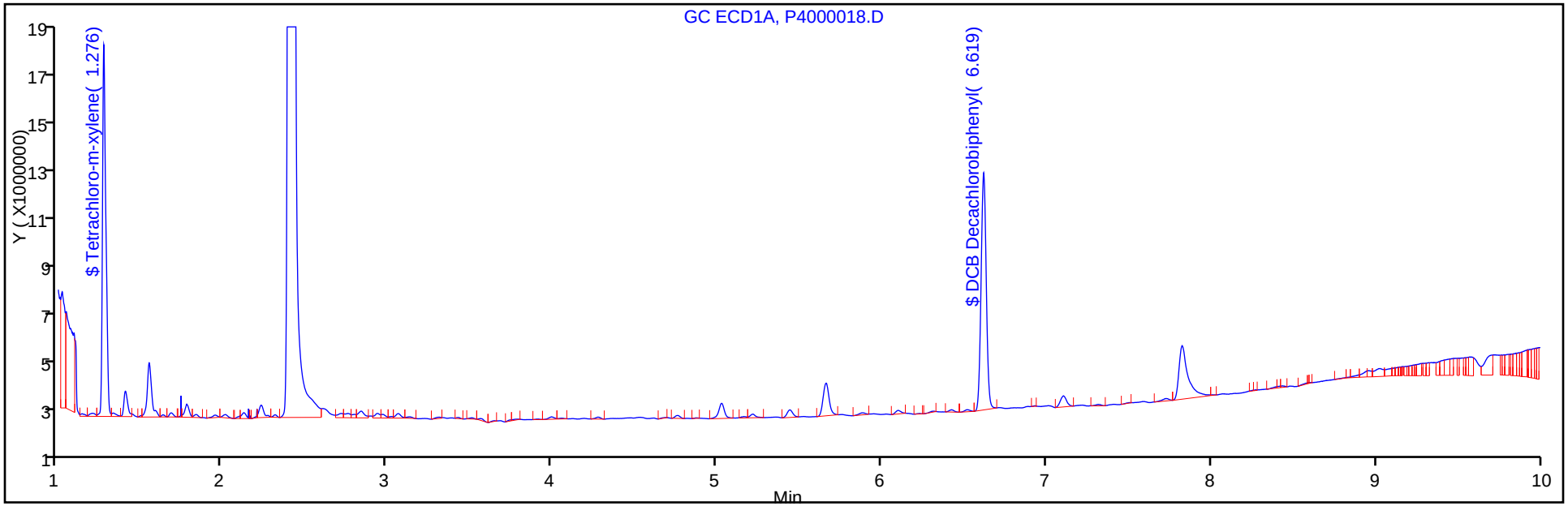
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.914						
1	2		4.202						
1	3		4.481						
1	4		5.181						
1	5		5.466						
2	6		4.944						
2	7		5.173						
2	8		5.541						
2	9		6.226						
2	10		6.606						
$ 12 DCB Decachlorobiphenyl									
1	100	6.619	6.619	0.000	21881691	0.0164			
2	2	7.843	7.842	0.001	21768928	0.0149			
						RPD = 9.21			

Report Date: 19-Apr-2013 09:25:44 Chrom Revision: 2.0 01-Apr-2013 21:16:10

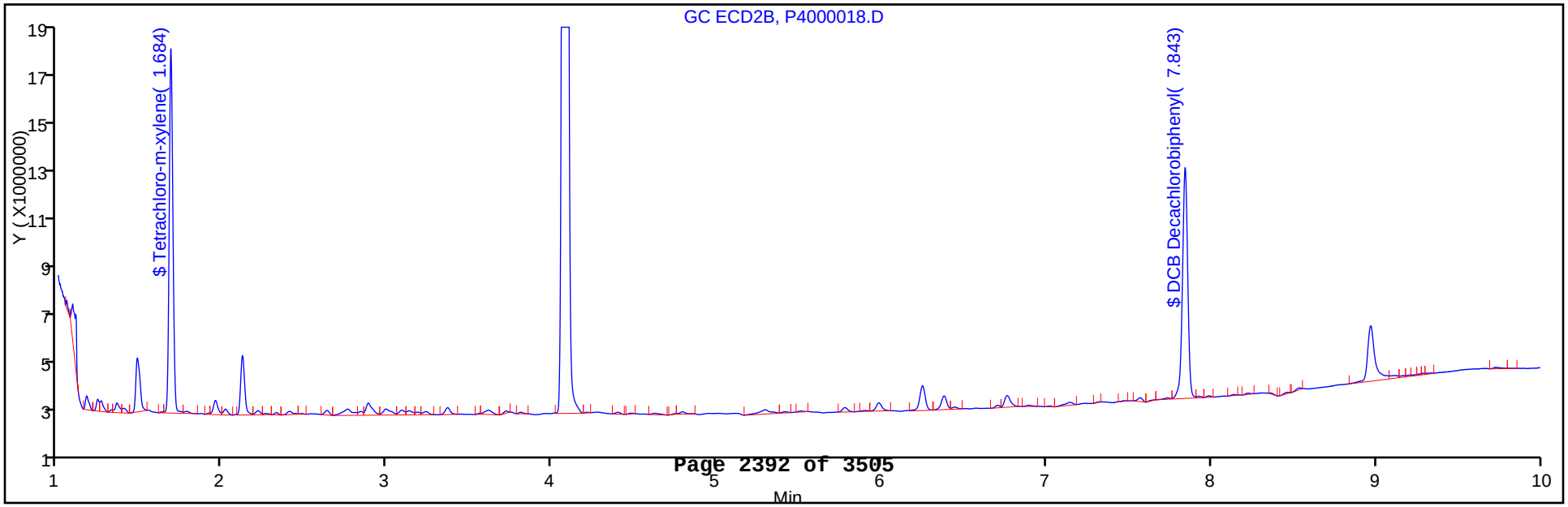
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000018.D		
Injection Date:	17-Apr-2013 14:35:58	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0023M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82267	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Client Sample ID: 068SB-0024M-0001-SO Lab Sample ID: 240-22663-37

Matrix: Solid Lab File ID: P4000007.D

Analysis Method: 8082/DOD Date Collected: 04/01/2013 14:20

Extraction Method: 3540C Date Extracted: 04/12/2013 11:46

Sample wt/vol: 30.05(g) Date Analyzed: 04/17/2013 11:44

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.: 82267 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	61		40-140
2051-24-3	DCB Decachlorobiphenyl	75		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000007.D		
Lims ID:	240-22663-C-37-B	Client ID:	068SB-0024M-0001-SO
Inject. Date:	17-Apr-2013 11:44:02	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018945-007		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	7
Lims Batch ID:	82267	Lims Sample ID:	7
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\PCB4.m		
Last Update:	19-Apr-2013 09:25:32	Calib Date:	15-Apr-2013 10:24:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK027		

First Level Reviewer: hassl Date: 19-Apr-2013 08:41:22

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	19182343	0.0121			
2	2	1.682	1.683	-0.001	20128578	0.0128			
						RPD = 5.18			
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	2		1.828						
1	3		2.219						
1	4		2.338						
1	5		2.717						
2	6		2.145						
2	7		2.541						
2	8		2.992						
2	9		3.130						
2	10		3.233						
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						
1	2		4.201						
1	3		4.482						
1	4		5.181						
1	5		5.465						
2	6		4.943						
2	7		5.173						
2	8		5.540						
2	9		6.226						
2	10		6.608						
$ 12 DCB Decachlorobiphenyl									
1	100	6.618	6.618	0.000	19922368	0.0149			
2	2	7.840	7.842	-0.002	19955131	0.0137			
						RPD = 8.53			

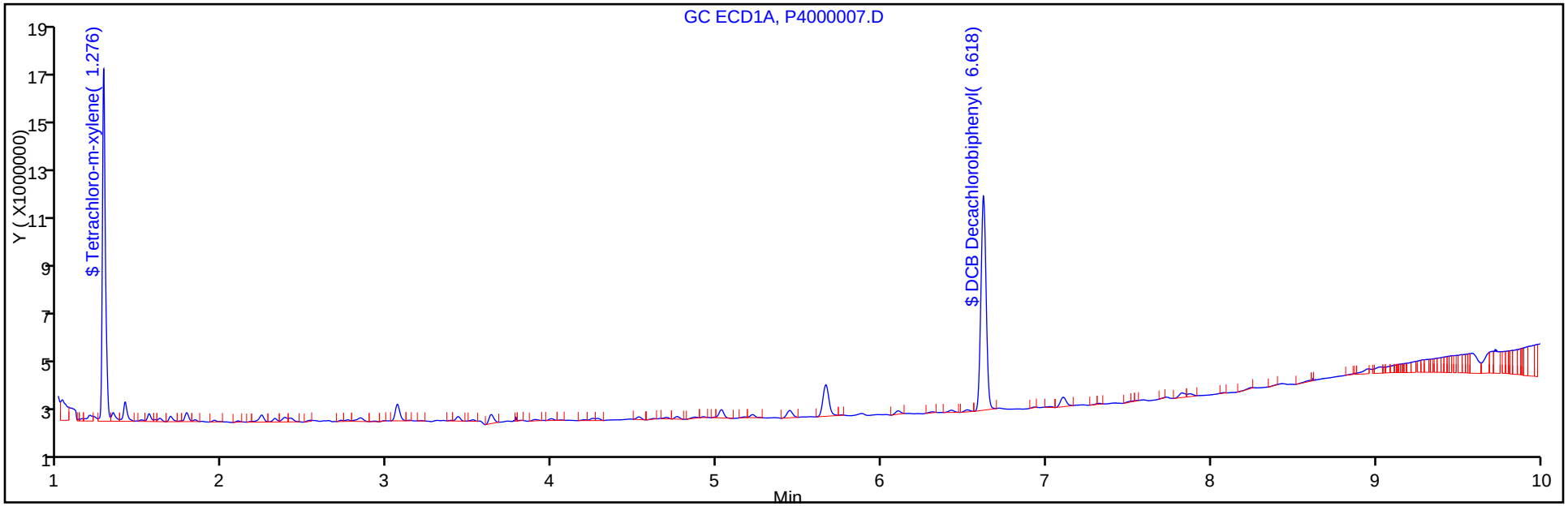
Report Date: 19-Apr-2013 09:25:37 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

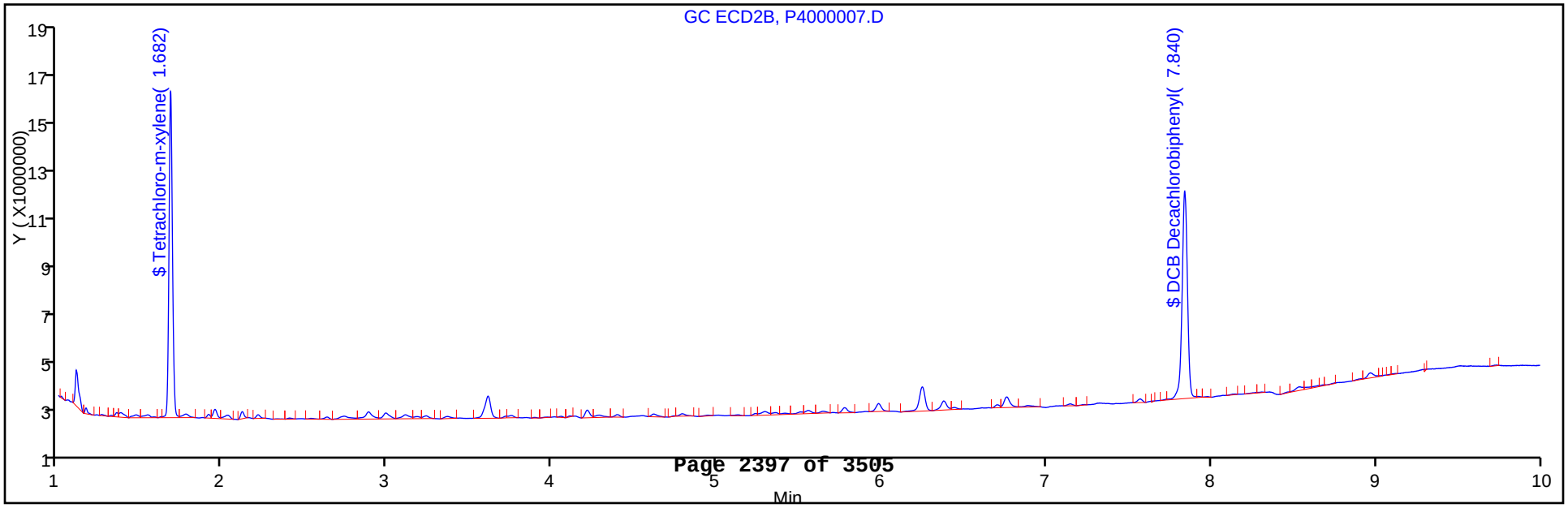
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000007.D

Injection Date:	17-Apr-2013 11:44:02	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0024M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82267	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.: 240-22663-1

SDG No.:

Client Sample ID: 068SB-0024M-0001-SO Lab Sample ID: 240-22663-37

Matrix: Solid Lab File ID: P4000007.D

Analysis Method: 8082/DOD Date Collected: 04/01/2013 14:20

Extraction Method: 3540C Date Extracted: 04/12/2013 11:46

Sample wt/vol: 30.05(g) Date Analyzed: 04/17/2013 11:44

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.: 82267 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	64		40-140
2051-24-3	DCB Decachlorobiphenyl	68		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000007.D		
Lims ID:	240-22663-C-37-B	Client ID:	068SB-0024M-0001-SO
Inject. Date:	17-Apr-2013 11:44:02	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018945-007		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	7
Lims Batch ID:	82267	Lims Sample ID:	7
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\PCB4.m		
Last Update:	19-Apr-2013 09:25:32	Calib Date:	15-Apr-2013 10:24:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK027		

First Level Reviewer: hassl Date: 19-Apr-2013 08:41:22

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	19182343	0.0121			
2	2	1.682	1.683	-0.001	20128578	0.0128			
						RPD = 5.18			
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	2		1.828						
1	3		2.219						
1	4		2.338						
1	5		2.717						
2	6		2.145						
2	7		2.541						
2	8		2.992						
2	9		3.130						
2	10		3.233						
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						
1	2		4.201						
1	3		4.482						
1	4		5.181						
1	5		5.465						
2	6		4.943						
2	7		5.173						
2	8		5.540						
2	9		6.226						
2	10		6.608						
$ 12 DCB Decachlorobiphenyl									
1	100	6.618	6.618	0.000	19922368	0.0149			
2	2	7.840	7.842	-0.002	19955131	0.0137			
						RPD = 8.53			

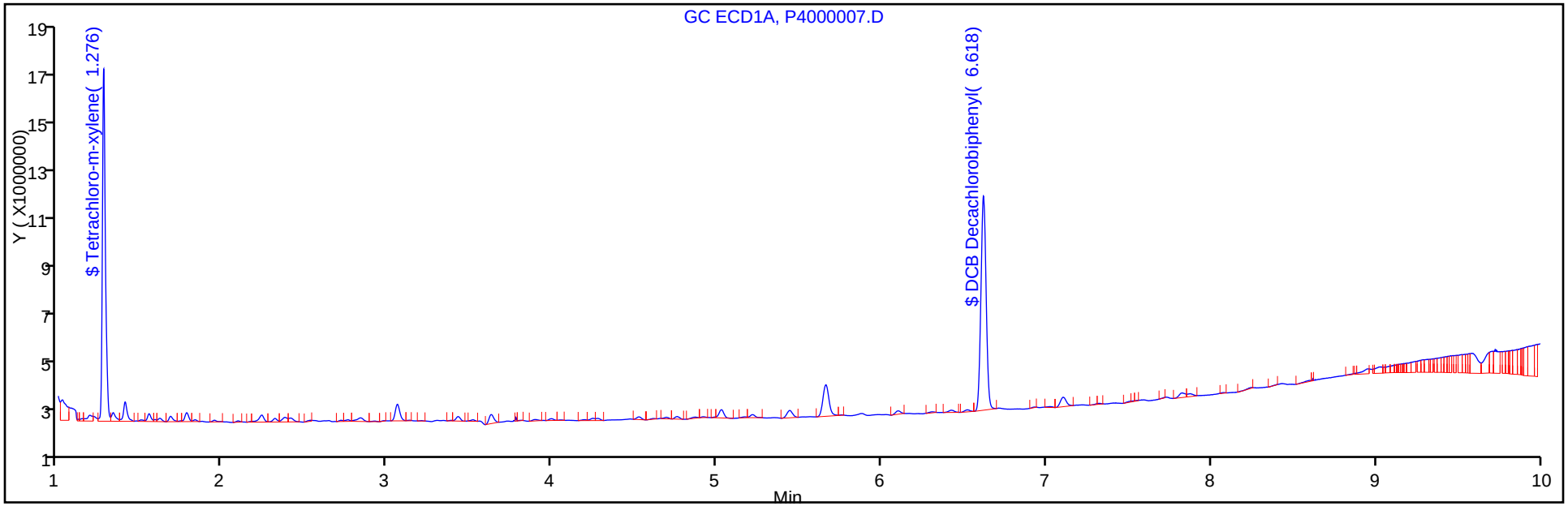
Report Date: 19-Apr-2013 09:25:37 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

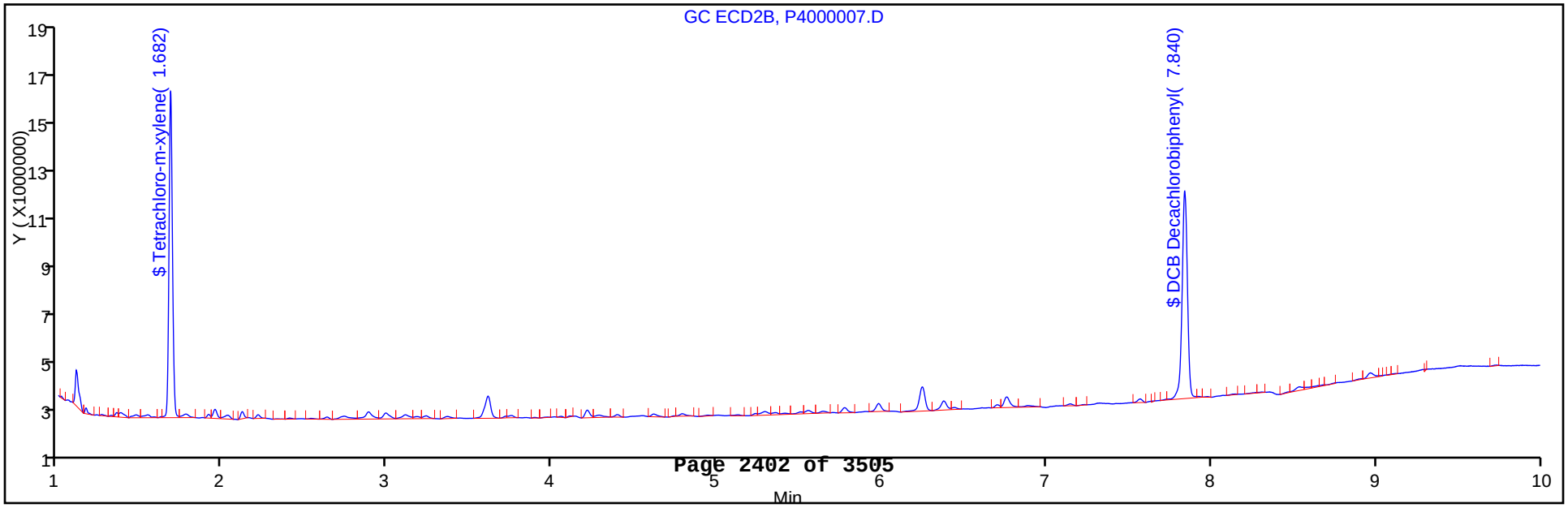
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Injection Date:	17-Apr-2013 11:44:02	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0024M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82267	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

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.: 240-22663-1

SDG No.:

Client Sample ID: 068SB-0025M-0001-SO Lab Sample ID: 240-22663-38

Matrix: Solid Lab File ID: P4000008.D

Analysis Method: 8082/DOD Date Collected: 04/01/2013 14:45

Extraction Method: 3540C Date Extracted: 04/12/2013 11:46

Sample wt/vol: 30.07(g) Date Analyzed: 04/17/2013 11:59

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.: 82267 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	66		40-140
2051-24-3	DCB Decachlorobiphenyl	80		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000008.D		
Lims ID:	240-22663-C-38-B	Client ID:	068SB-0025M-0001-SO
Inject. Date:	17-Apr-2013 11:59:38	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018945-008		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	8
Lims Batch ID:	82267	Lims Sample ID:	8
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\PCB4.m		
Last Update:	19-Apr-2013 09:25:32	Calib Date:	15-Apr-2013 10:24:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK027		
First Level Reviewer: hassl		Date:	19-Apr-2013 08:41:31

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	20965632	0.0132			
2	2	1.682	1.683	-0.001	23513369	0.0149			
						RPD = 11.82			
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	2		1.828						
1	3		2.219						
1	4		2.338						
1	5		2.717						
2	6		2.145						
2	7		2.541						
2	8		2.992						
2	9		3.130						
2	10		3.233						
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						
1	2		4.201						
1	3		4.482						
1	4		5.181						
1	5		5.465						
2	6		4.943						
2	7		5.173						
2	8		5.540						
2	9		6.226						
2	10		6.608						
$ 12 DCB Decachlorobiphenyl									
1	100	6.619	6.618	0.001	21404271	0.0160			
2	2	7.841	7.842	-0.001	20933567	0.0144			
						RPD = 10.92			

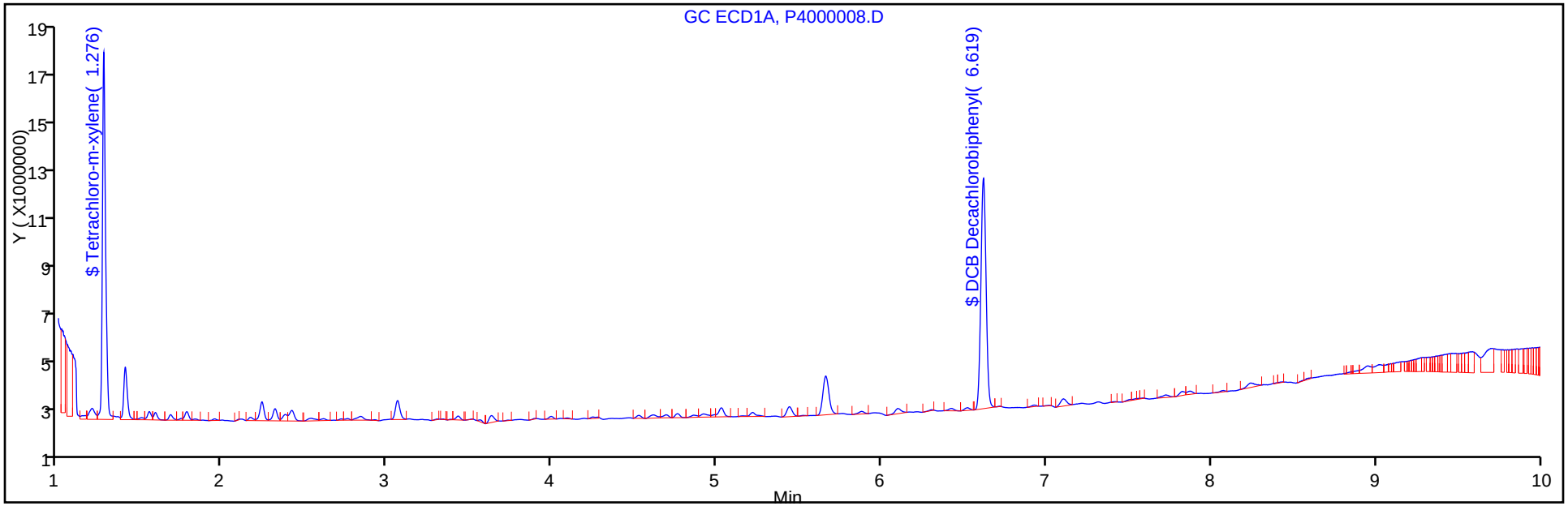
Report Date: 19-Apr-2013 09:25:38 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

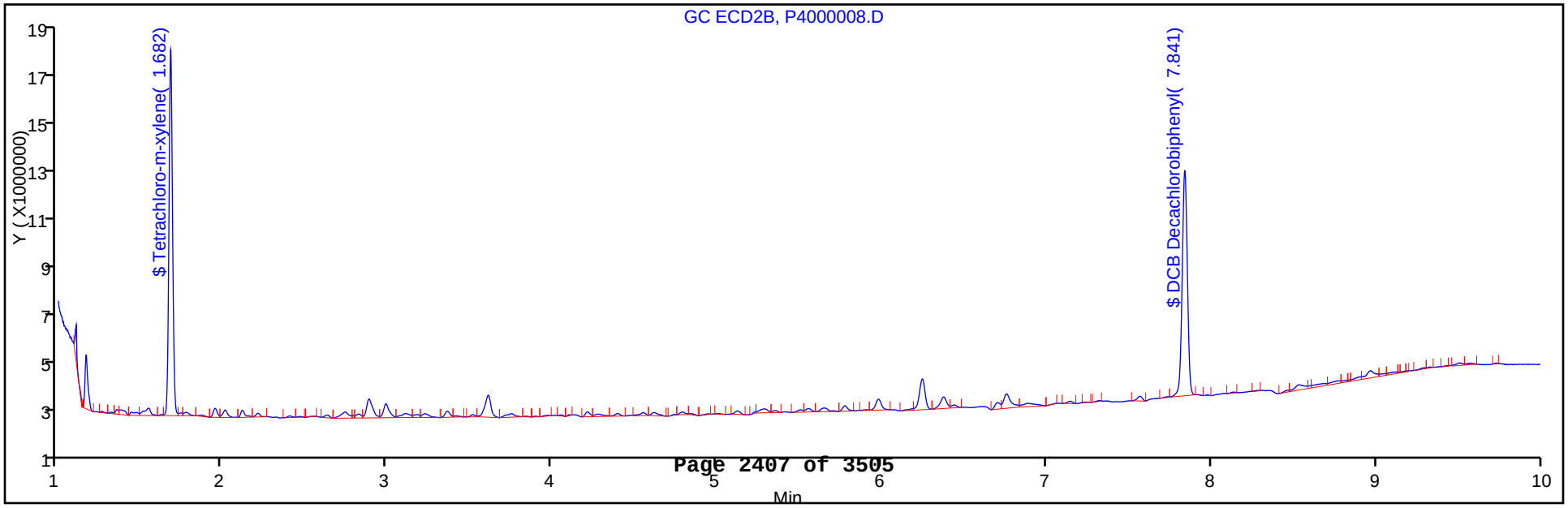
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Injection Date:	17-Apr-2013 11:59:38	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0025M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82267	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Client Sample ID: 068SB-0025M-0001-SO Lab Sample ID: 240-22663-38

Matrix: Solid Lab File ID: P4000008.D

Analysis Method: 8082/DOD Date Collected: 04/01/2013 14:45

Extraction Method: 3540C Date Extracted: 04/12/2013 11:46

Sample wt/vol: 30.07(g) Date Analyzed: 04/17/2013 11:59

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.: 82267 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	75		40-140
2051-24-3	DCB Decachlorobiphenyl	72		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000008.D		
Lims ID:	240-22663-C-38-B	Client ID:	068SB-0025M-0001-SO
Inject. Date:	17-Apr-2013 11:59:38	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018945-008		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	8
Lims Batch ID:	82267	Lims Sample ID:	8
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\PCB4.m		
Last Update:	19-Apr-2013 09:25:32	Calib Date:	15-Apr-2013 10:24:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK027		
First Level Reviewer: hassl		Date:	19-Apr-2013 08:41:31

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	20965632	0.0132			
2	2	1.682	1.683	-0.001	23513369	0.0149			
						RPD = 11.82			
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	2		1.828						
1	3		2.219						
1	4		2.338						
1	5		2.717						
2	6		2.145						
2	7		2.541						
2	8		2.992						
2	9		3.130						
2	10		3.233						
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						
1	2		4.201						
1	3		4.482						
1	4		5.181						
1	5		5.465						
2	6		4.943						
2	7		5.173						
2	8		5.540						
2	9		6.226						
2	10		6.608						
$ 12 DCB Decachlorobiphenyl									
1	100	6.619	6.618	0.001	21404271	0.0160			
2	2	7.841	7.842	-0.001	20933567	0.0144			
						RPD = 10.92			

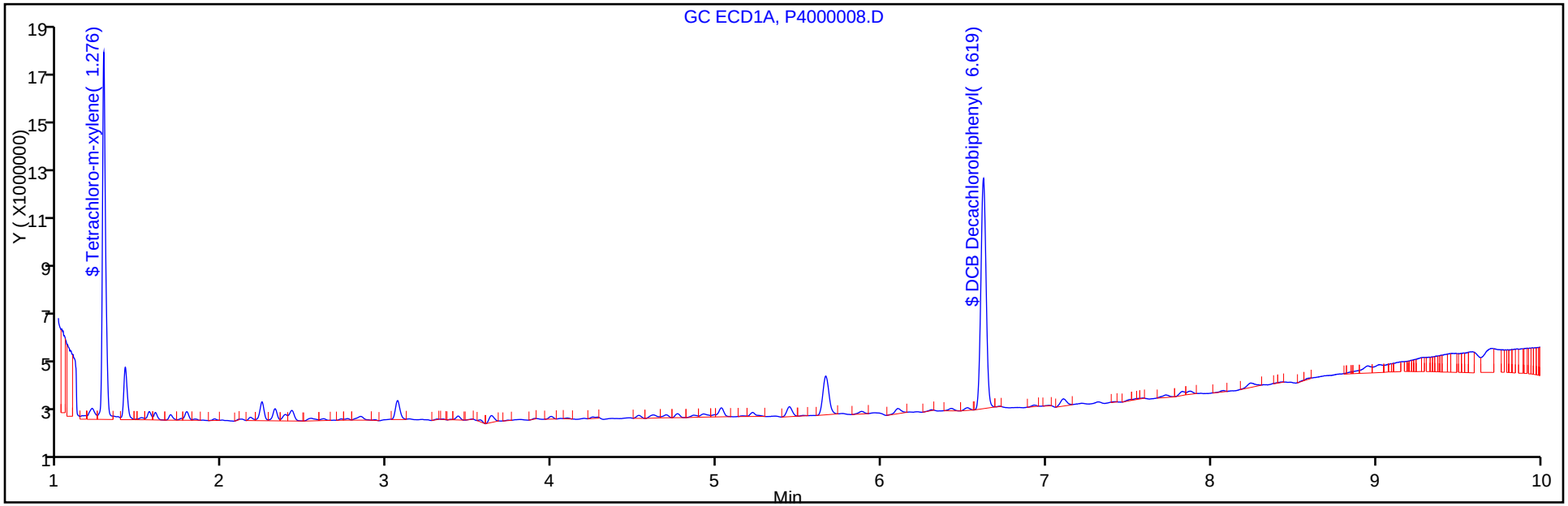
Report Date: 19-Apr-2013 09:25:38 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

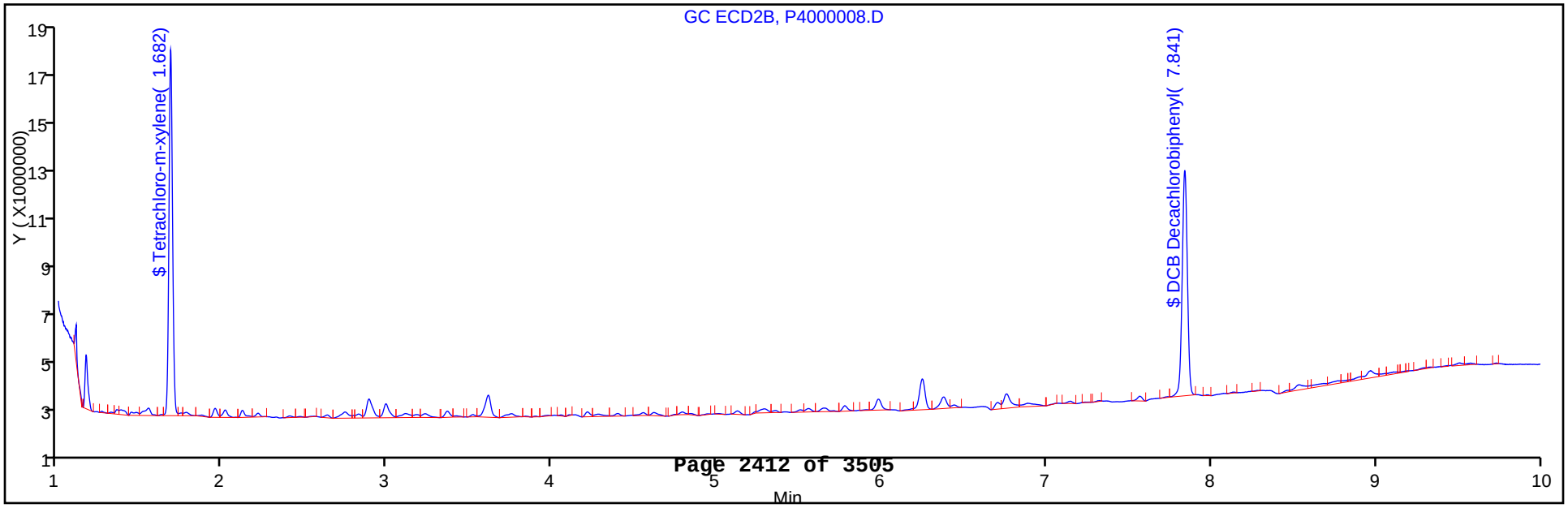
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000008.D

Injection Date:	17-Apr-2013 11:59:38	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0025M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82267	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Client Sample ID: 068SB-0032-0001-SO Lab Sample ID: 240-22663-39

Matrix: Solid Lab File ID: P4000009.D

Analysis Method: 8082/DOD Date Collected: 04/01/2013 15:30

Extraction Method: 3540C Date Extracted: 04/12/2013 11:46

Sample wt/vol: 30.07(g) Date Analyzed: 04/17/2013 12:15

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 82267 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	60		40-140
2051-24-3	DCB Decachlorobiphenyl	70		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000009.D		
Lims ID:	240-22663-C-39-A	Client ID:	068SB-0032-0001-SO
Inject. Date:	17-Apr-2013 12:15:22	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018945-009		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	9
Lims Batch ID:	82267	Lims Sample ID:	9
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\PCB4.m		
Last Update:	19-Apr-2013 09:25:32	Calib Date:	15-Apr-2013 10:24:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK027		

First Level Reviewer: hassl Date: 19-Apr-2013 08:41:54

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	19098747	0.0121			
2	2	1.683	1.683	0.000	18774897	0.0119			
						RPD = 1.34			
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	2		1.828						
1	3		2.219						
1	4		2.338						
1	5		2.717						
2	6		2.145						
2	7		2.541						
2	8		2.992						
2	9		3.130						
2	10		3.233						
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						

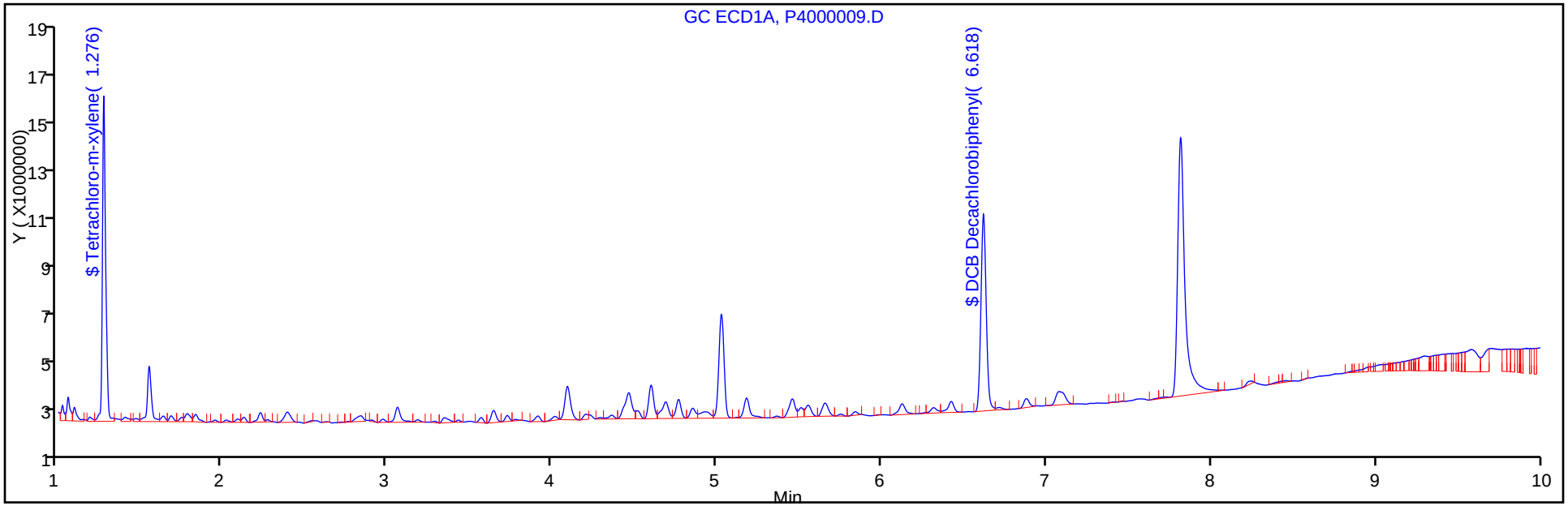
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.915						
1	2		4.201						
1	3		4.482						
1	4		5.181						
1	5		5.465						
2	6		4.943						
2	7		5.173						
2	8		5.540						
2	9		6.226						
2	10		6.608						
$ 12 DCB Decachlorobiphenyl									
1	100	6.618	6.618	0.000	18624757	0.0139			
2	2	7.841	7.842	-0.001	18563978	0.0127			
						RPD = 9.02			

Report Date: 19-Apr-2013 09:25:38 Chrom Revision: 2.0 01-Apr-2013 21:16:10

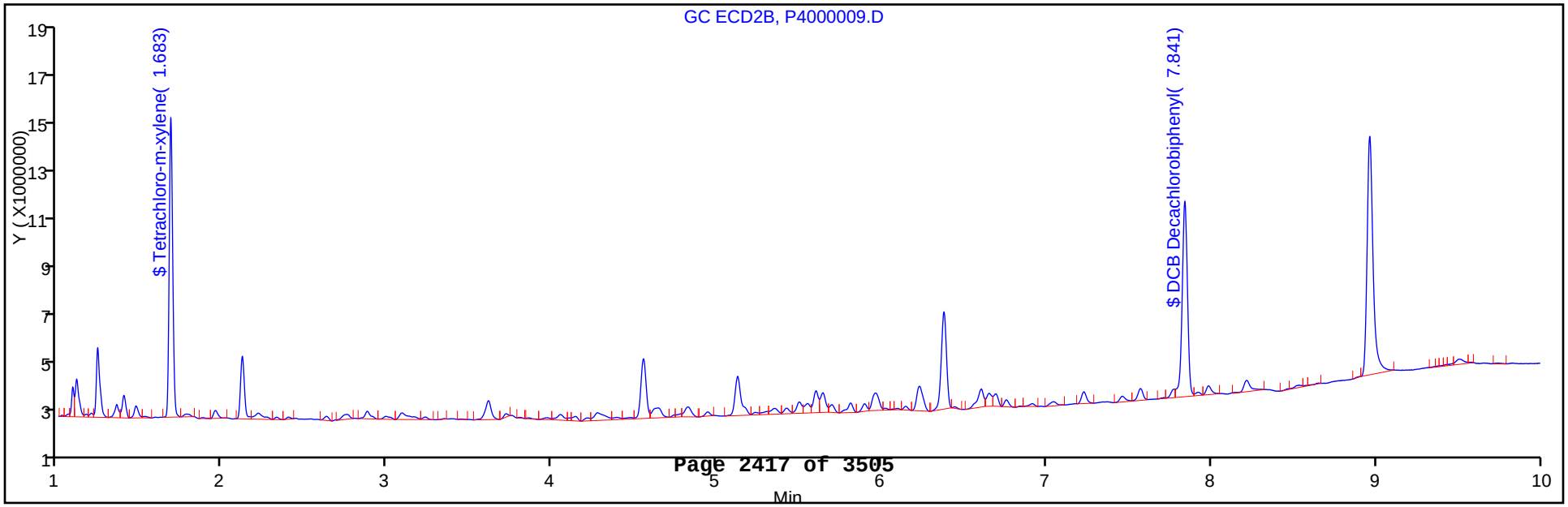
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000009.D		
Injection Date:	17-Apr-2013 12:15:22	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0032-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82267	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22663-1

SDG No.:

Client Sample ID: 068SB-0032-0001-SO | Lab Sample ID: 240-22663-39

Matrix: Solid | Lab File ID: P4000009.D

Analysis Method: 8082/DOD | Date Collected: 04/01/2013 15:30

Extraction Method: 3540C | Date Extracted: 04/12/2013 11:46

Sample wt/vol: 30.07(g) | Date Analyzed: 04/17/2013 12:15

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82267 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	28	U	57	28	18
12674-11-2	Aroclor-1016	28	U	74	28	24
11141-16-5	Aroclor-1232	28	U	51	28	16
53469-21-9	Aroclor-1242	28	U	46	28	15
12672-29-6	Aroclor-1248	28	U	63	28	19
11097-69-1	Aroclor-1254	28	U	63	28	19
11096-82-5	Aroclor-1260	28	U	63	28	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	59		40-140
2051-24-3	DCB Decachlorobiphenyl	64		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000009.D		
Lims ID:	240-22663-C-39-A	Client ID:	068SB-0032-0001-SO
Inject. Date:	17-Apr-2013 12:15:22	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018945-009		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	9
Lims Batch ID:	82267	Lims Sample ID:	9
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\PCB4.m		
Last Update:	19-Apr-2013 09:25:32	Calib Date:	15-Apr-2013 10:24:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK027		

First Level Reviewer: hassl Date: 19-Apr-2013 08:41:54

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	19098747	0.0121			
2	2	1.683	1.683	0.000	18774897	0.0119			
						RPD = 1.34			
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	2		1.828						
1	3		2.219						
1	4		2.338						
1	5		2.717						
2	6		2.145						
2	7		2.541						
2	8		2.992						
2	9		3.130						
2	10		3.233						
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						

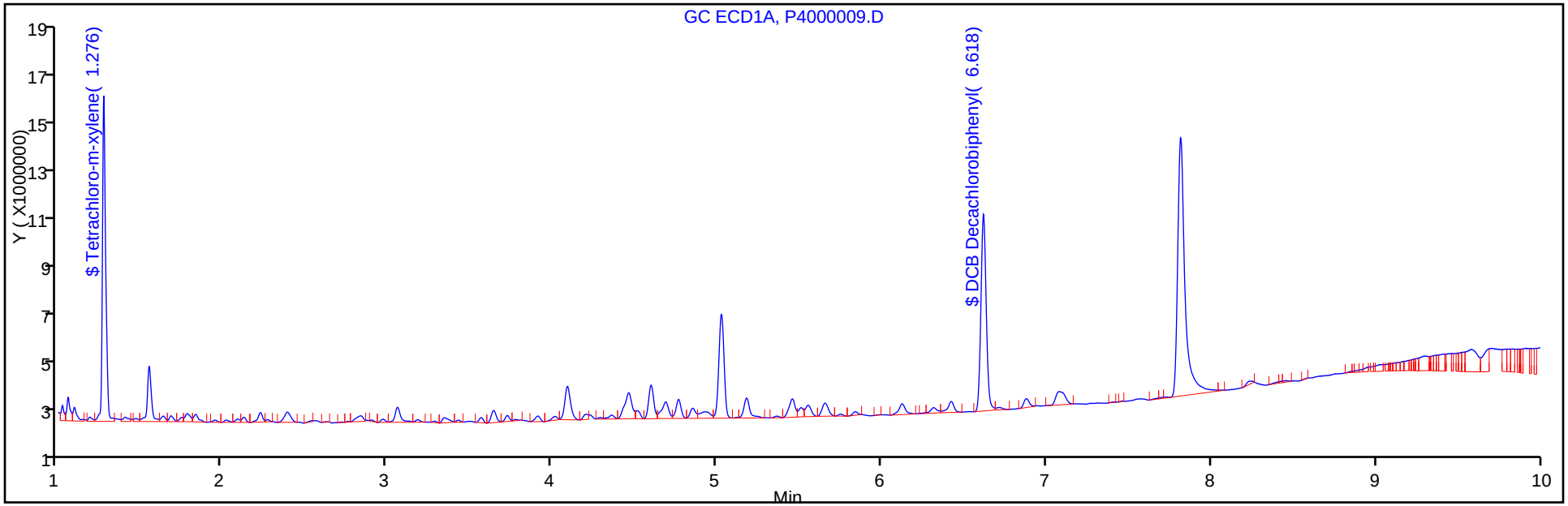
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.915						
1	2		4.201						
1	3		4.482						
1	4		5.181						
1	5		5.465						
2	6		4.943						
2	7		5.173						
2	8		5.540						
2	9		6.226						
2	10		6.608						
$ 12 DCB Decachlorobiphenyl									
1	100	6.618	6.618	0.000	18624757	0.0139			
2	2	7.841	7.842	-0.001	18563978	0.0127			
						RPD = 9.02			

Report Date: 19-Apr-2013 09:25:38 Chrom Revision: 2.0 01-Apr-2013 21:16:10

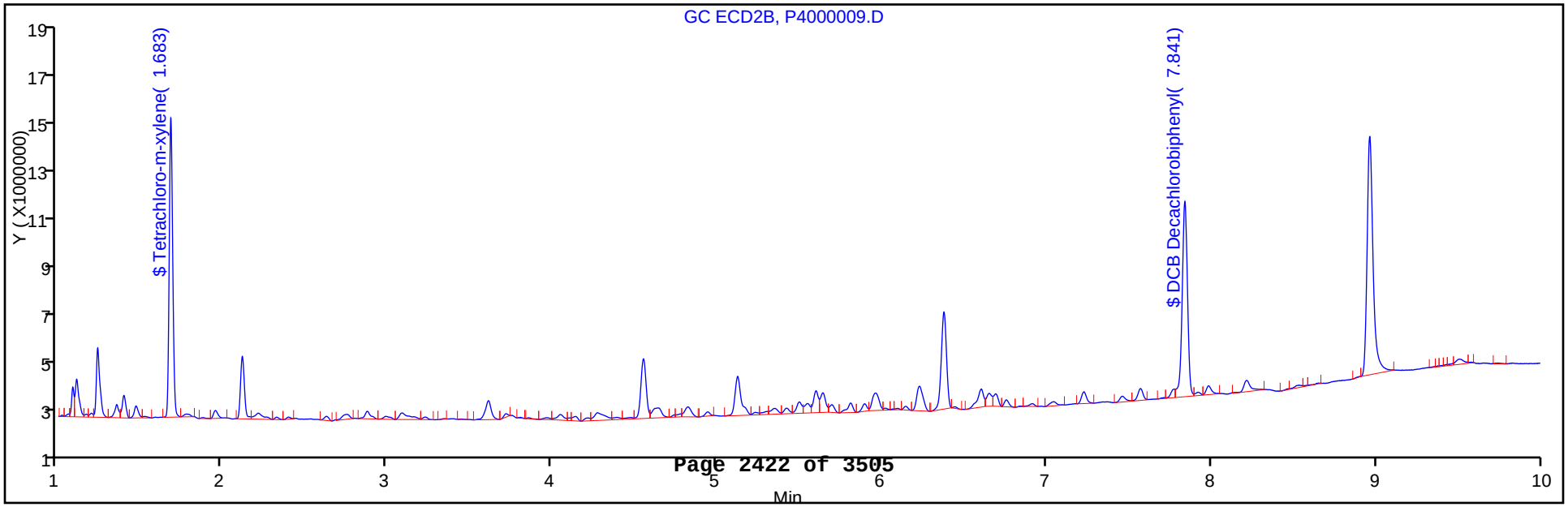
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000009.D		
Injection Date:	17-Apr-2013 12:15:22	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0032-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82267	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Client Sample ID: 068SB-0027M-0001-SO Lab Sample ID: 240-22663-40

Matrix: Solid Lab File ID: P4000010.D

Analysis Method: 8082/DOD Date Collected: 04/01/2013 14:00

Extraction Method: 3540C Date Extracted: 04/12/2013 11:46

Sample wt/vol: 30.29(g) Date Analyzed: 04/17/2013 12:31

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.: 82267 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	67		40-140
2051-24-3	DCB Decachlorobiphenyl	82		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000010.D		
Lims ID:	240-22663-C-40-B	Client ID:	068SB-0027M-0001-SO
Inject. Date:	17-Apr-2013 12:31:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018945-010		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	10
Lims Batch ID:	82267	Lims Sample ID:	10
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\PCB4.m		
Last Update:	19-Apr-2013 09:25:32	Calib Date:	15-Apr-2013 10:24:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK027		

First Level Reviewer: hassl Date: 19-Apr-2013 08:42:13

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	21324518	0.0135			
2	2	1.683	1.683	0.000	21024915	0.0133			
						RPD = 1.05			
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	2		1.828						
1	3		2.219						
1	4		2.338						
1	5		2.717						
2	6		2.145						
2	7		2.541						
2	8		2.992						
2	9		3.130						
2	10		3.233						
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						
1	2		4.201						
1	3		4.482						
1	4		5.181						
1	5		5.465						
2	6		4.943						
2	7		5.173						
2	8		5.540						
2	9		6.226						
2	10		6.608						
$ 12 DCB Decachlorobiphenyl									
1	100	6.619	6.618	0.001	21846384	0.0164			
2	2	7.842	7.842	0.000	20470323	0.0141			
						RPD = 15.18			

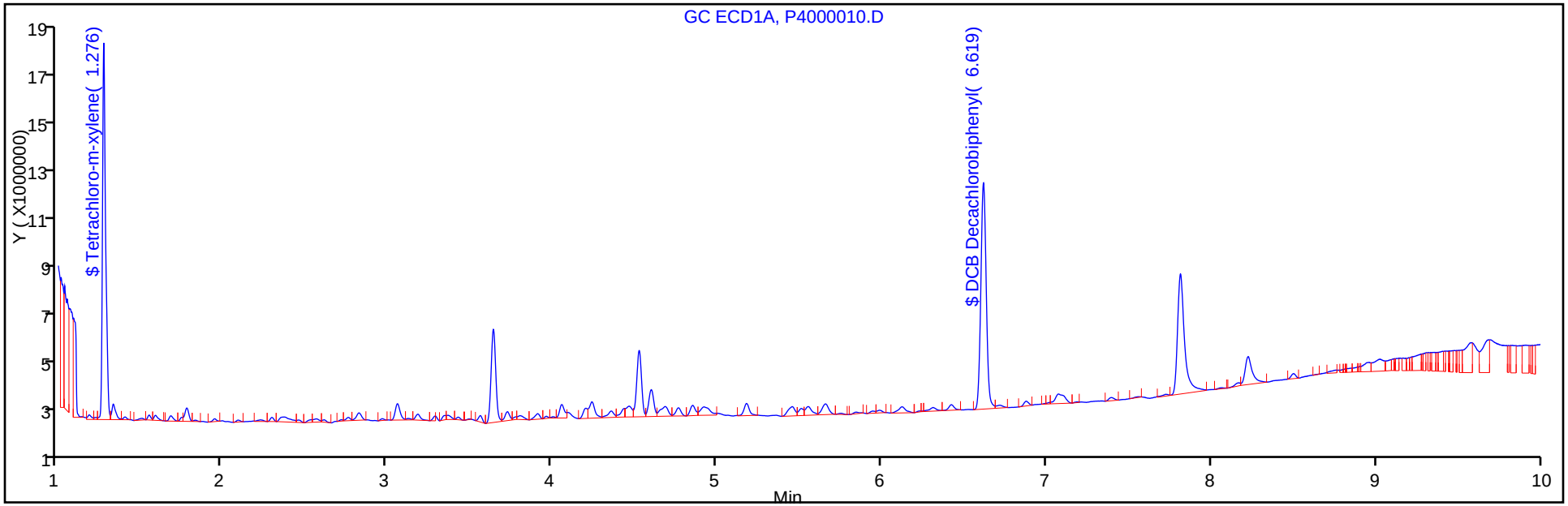
Report Date: 19-Apr-2013 09:25:39 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

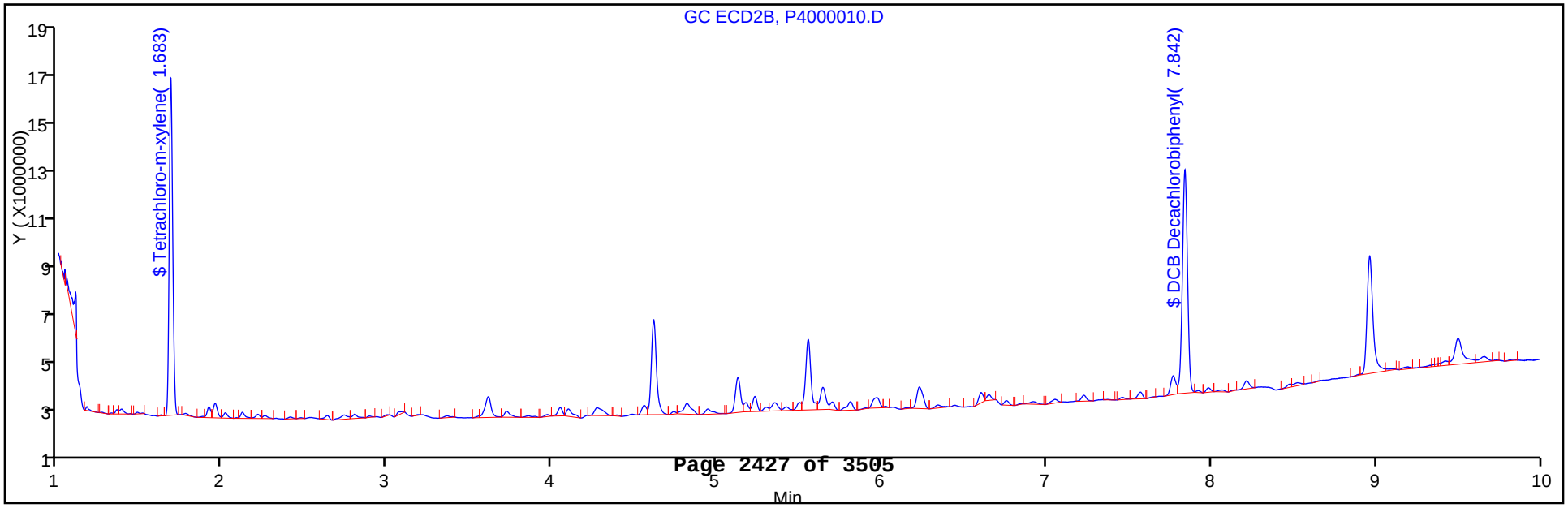
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000010.D

Injection Date:	17-Apr-2013 12:31:00	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0027M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82267	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.: 240-22663-1

SDG No.:

Client Sample ID: 068SB-0027M-0001-SO Lab Sample ID: 240-22663-40

Matrix: Solid Lab File ID: P4000010.D

Analysis Method: 8082/DOD Date Collected: 04/01/2013 14:00

Extraction Method: 3540C Date Extracted: 04/12/2013 11:46

Sample wt/vol: 30.29(g) Date Analyzed: 04/17/2013 12:31

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.: 82267 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	64	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	54	25	17
11097-69-1	Aroclor-1254	25	U	54	25	17
11096-82-5	Aroclor-1260	25	U	54	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	67		40-140
2051-24-3	DCB Decachlorobiphenyl	70		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000010.D		
Lims ID:	240-22663-C-40-B	Client ID:	068SB-0027M-0001-SO
Inject. Date:	17-Apr-2013 12:31:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018945-010		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	10
Lims Batch ID:	82267	Lims Sample ID:	10
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\PCB4.m		
Last Update:	19-Apr-2013 09:25:32	Calib Date:	15-Apr-2013 10:24:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK027		

First Level Reviewer: hassl Date: 19-Apr-2013 08:42:13

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	21324518	0.0135			
2	2	1.683	1.683	0.000	21024915	0.0133			
						RPD = 1.05			
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	2		1.828						
1	3		2.219						
1	4		2.338						
1	5		2.717						
2	6		2.145						
2	7		2.541						
2	8		2.992						
2	9		3.130						
2	10		3.233						
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						
1	2		4.201						
1	3		4.482						
1	4		5.181						
1	5		5.465						
2	6		4.943						
2	7		5.173						
2	8		5.540						
2	9		6.226						
2	10		6.608						
$ 12 DCB Decachlorobiphenyl									
1	100	6.619	6.618	0.001	21846384	0.0164			
2	2	7.842	7.842	0.000	20470323	0.0141			
						RPD = 15.18			

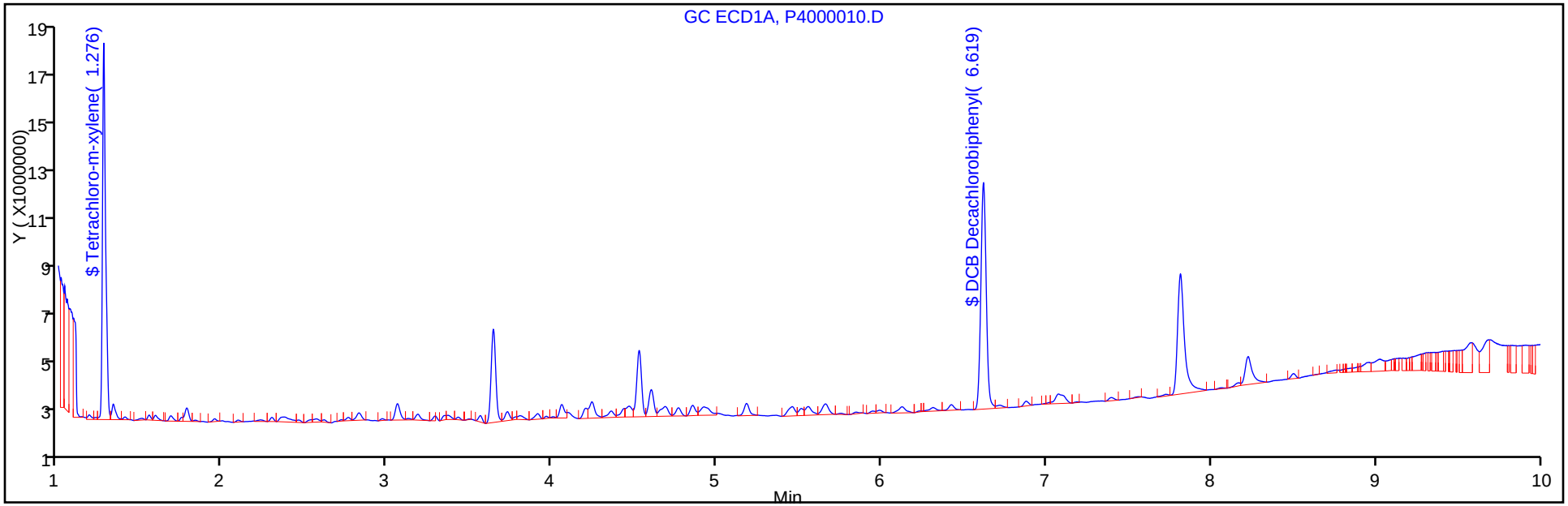
Report Date: 19-Apr-2013 09:25:39 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

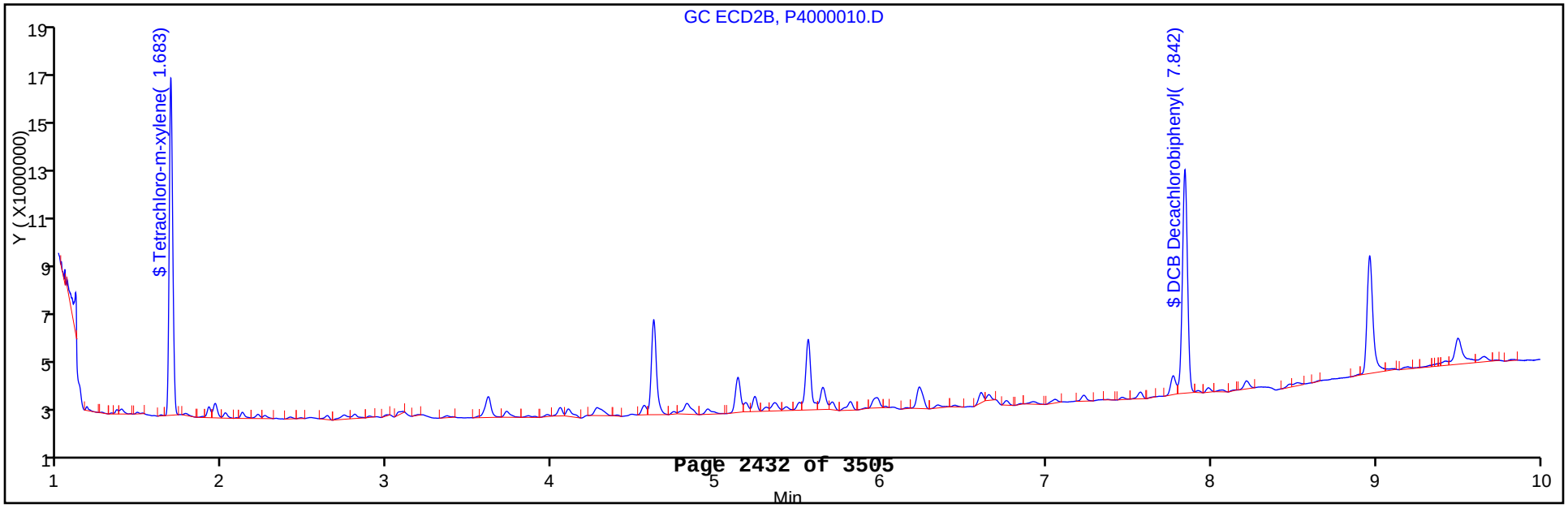
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000010.D

Injection Date:	17-Apr-2013 12:31:00	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0027M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82267	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.: 240-22663-1

SDG No.:

Client Sample ID: 068SB-0028M-0001-SO Lab Sample ID: 240-22663-41

Matrix: Solid Lab File ID: P4000011.D

Analysis Method: 8082/DOD Date Collected: 04/01/2013 14:02

Extraction Method: 3540C Date Extracted: 04/12/2013 11:46

Sample wt/vol: 30.12(g) Date Analyzed: 04/17/2013 12:46

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.: 82267 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	52		40-140
2051-24-3	DCB Decachlorobiphenyl	70		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000011.D		
Lims ID:	240-22663-C-41-B	Client ID:	068SB-0028M-0001-SO
Inject. Date:	17-Apr-2013 12:46:34	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018945-011		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	11
Lims Batch ID:	82267	Lims Sample ID:	11
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\PCB4.m		
Last Update:	19-Apr-2013 09:25:32	Calib Date:	15-Apr-2013 10:24:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK027		

First Level Reviewer: hassl Date: 19-Apr-2013 08:42:20

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	16384228	0.0103			
2	2	1.684	1.683	0.001	16077991	0.0102			
						RPD = 1.52			
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	2		1.828						
1	3		2.219						
1	4		2.338						
1	5		2.717						
2	6		2.145						
2	7		2.541						
2	8		2.992						
2	9		3.130						
2	10		3.233						
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						

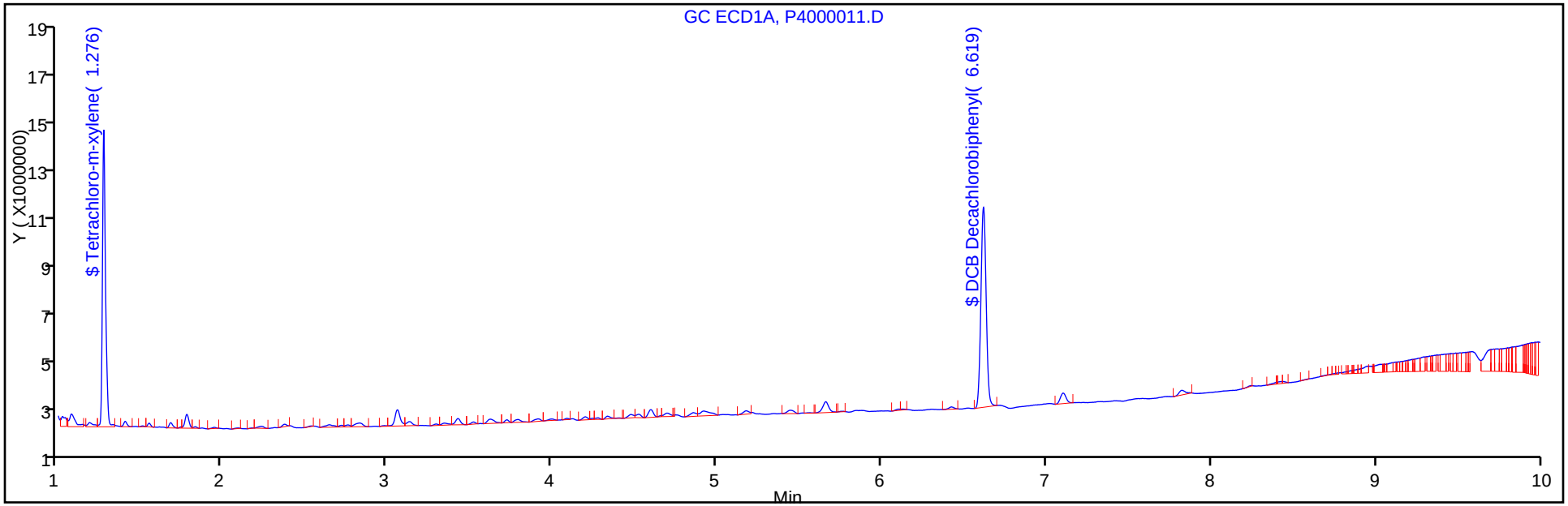
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.915						
1	2		4.201						
1	3		4.482						
1	4		5.181						
1	5		5.465						
2	6		4.943						
2	7		5.173						
2	8		5.540						
2	9		6.226						
2	10		6.608						
$ 12 DCB Decachlorobiphenyl									
1	100	6.619	6.618	0.001	18749252	0.0140			
2	2	7.841	7.842	-0.001	19403346	0.0133			
						RPD = 5.27			

Report Date: 19-Apr-2013 09:25:39 Chrom Revision: 2.0 01-Apr-2013 21:16:10

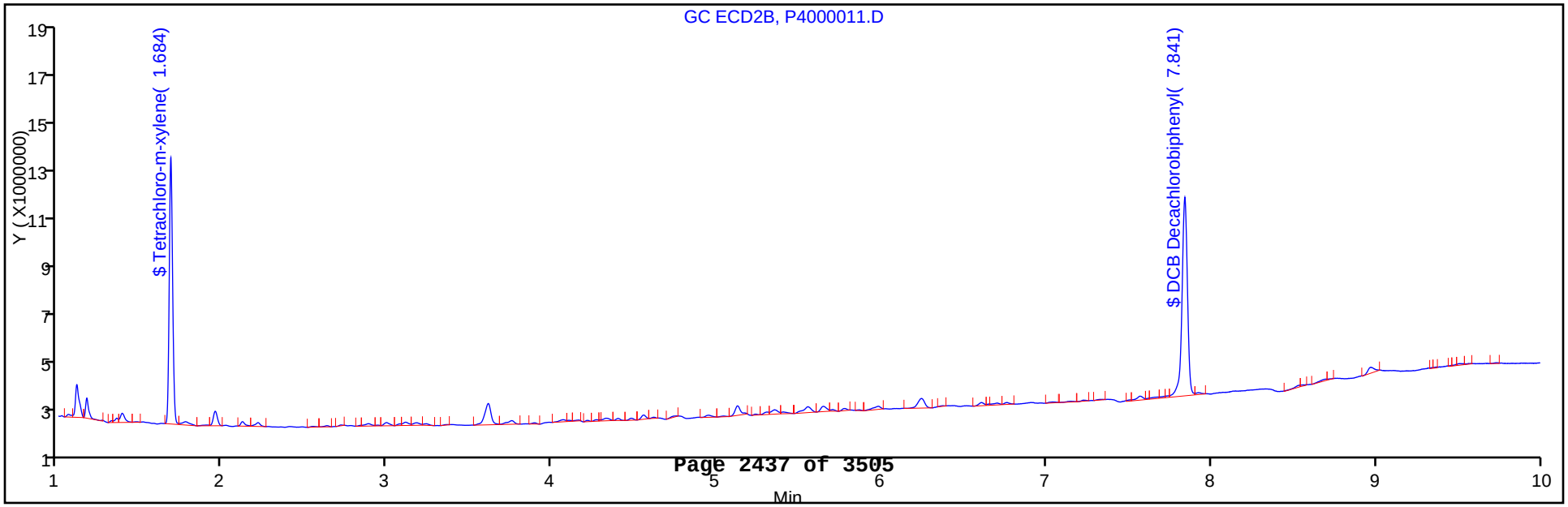
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000011.D		
Injection Date:	17-Apr-2013 12:46:34	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0028M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82267	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.: 240-22663-1

SDG No.:

Client Sample ID: 068SB-0028M-0001-SO Lab Sample ID: 240-22663-41

Matrix: Solid Lab File ID: P4000011.D

Analysis Method: 8082/DOD Date Collected: 04/01/2013 14:02

Extraction Method: 3540C Date Extracted: 04/12/2013 11:46

Sample wt/vol: 30.12(g) Date Analyzed: 04/17/2013 12:46

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.: 82267 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	51		40-140
2051-24-3	DCB Decachlorobiphenyl	67		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000011.D		
Lims ID:	240-22663-C-41-B	Client ID:	068SB-0028M-0001-SO
Inject. Date:	17-Apr-2013 12:46:34	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018945-011		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	11
Lims Batch ID:	82267	Lims Sample ID:	11
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\PCB4.m		
Last Update:	19-Apr-2013 09:25:32	Calib Date:	15-Apr-2013 10:24:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK027		

First Level Reviewer: hassl Date: 19-Apr-2013 08:42:20

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	16384228	0.0103			
2	2	1.684	1.683	0.001	16077991	0.0102			
						RPD = 1.52			
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	2		1.828						
1	3		2.219						
1	4		2.338						
1	5		2.717						
2	6		2.145						
2	7		2.541						
2	8		2.992						
2	9		3.130						
2	10		3.233						
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						

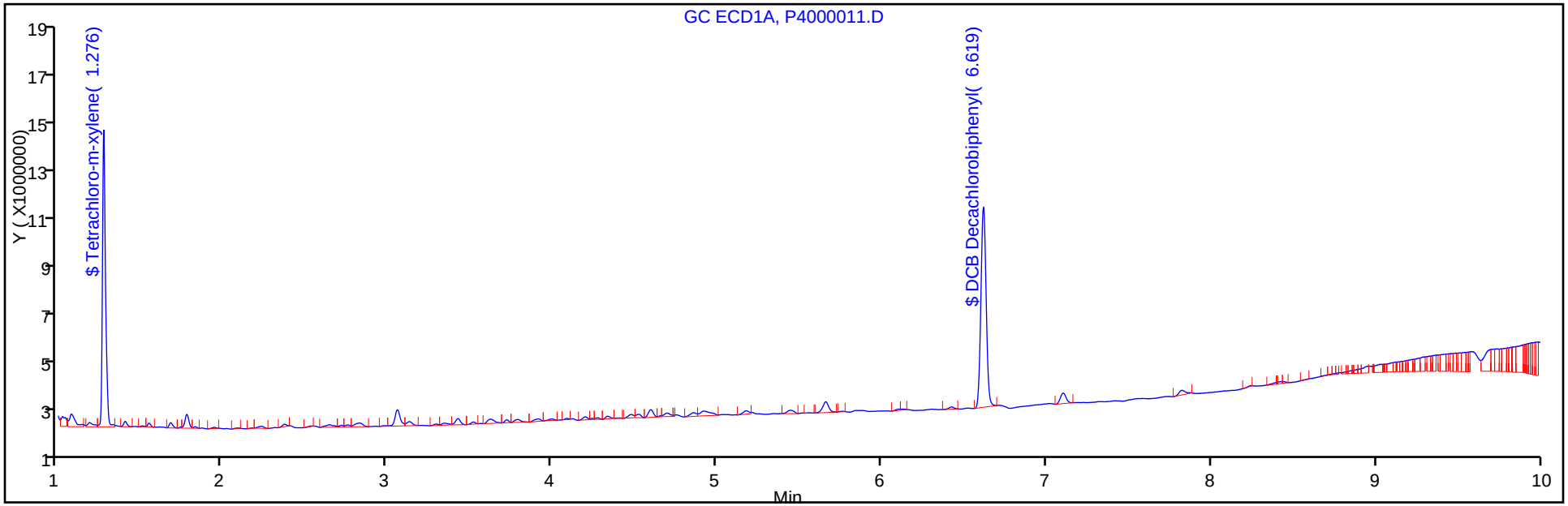
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.915						
1	2		4.201						
1	3		4.482						
1	4		5.181						
1	5		5.465						
2	6		4.943						
2	7		5.173						
2	8		5.540						
2	9		6.226						
2	10		6.608						
$ 12 DCB Decachlorobiphenyl									
1	100	6.619	6.618	0.001	18749252	0.0140			
2	2	7.841	7.842	-0.001	19403346	0.0133			
						RPD = 5.27			

Report Date: 19-Apr-2013 09:25:39 Chrom Revision: 2.0 01-Apr-2013 21:16:10

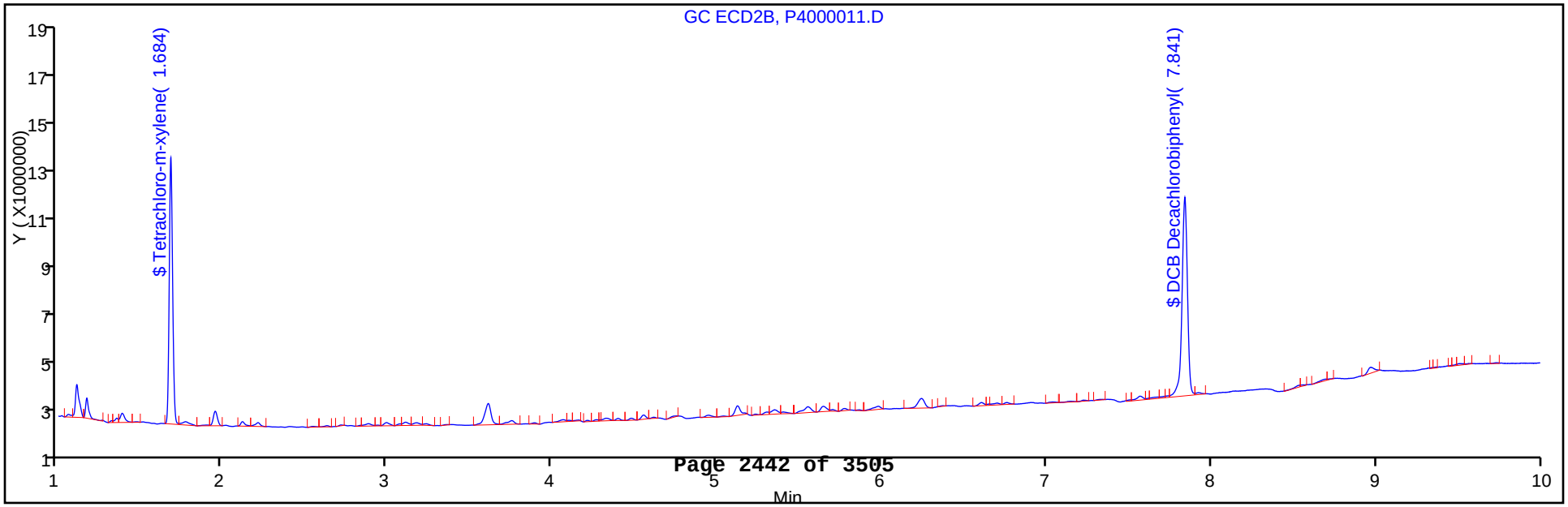
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000011.D		
Injection Date:	17-Apr-2013 12:46:34	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0028M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82267	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.: 240-22663-1

SDG No.:

Client Sample ID: 068SB-0030M-0001-SO Lab Sample ID: 240-22663-43

Matrix: Solid Lab File ID: P4000012.D

Analysis Method: 8082/DOD Date Collected: 04/01/2013 14:05

Extraction Method: 3540C Date Extracted: 04/12/2013 11:46

Sample wt/vol: 29.91(g) Date Analyzed: 04/17/2013 13:02

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.: 82267 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	70		40-140
2051-24-3	DCB Decachlorobiphenyl	79		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000012.D		
Lims ID:	240-22663-C-43-B	Client ID:	068SB-0030M-0001-SO
Inject. Date:	17-Apr-2013 13:02:14	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018945-012		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	12
Lims Batch ID:	82267	Lims Sample ID:	12
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\PCB4.m		
Last Update:	19-Apr-2013 09:25:32	Calib Date:	15-Apr-2013 10:24:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK027		

First Level Reviewer: hassl Date: 19-Apr-2013 08:42:26

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.276	1.276	0.000	22056935	0.0139			
2	2	1.684	1.683	0.001	22034912	0.0140			
						RPD = 0.27			
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	2		1.828						
1	3		2.219						
1	4		2.338						
1	5		2.717						
2	6		2.145						
2	7		2.541						
2	8		2.992						
2	9		3.130						
2	10		3.233						
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						

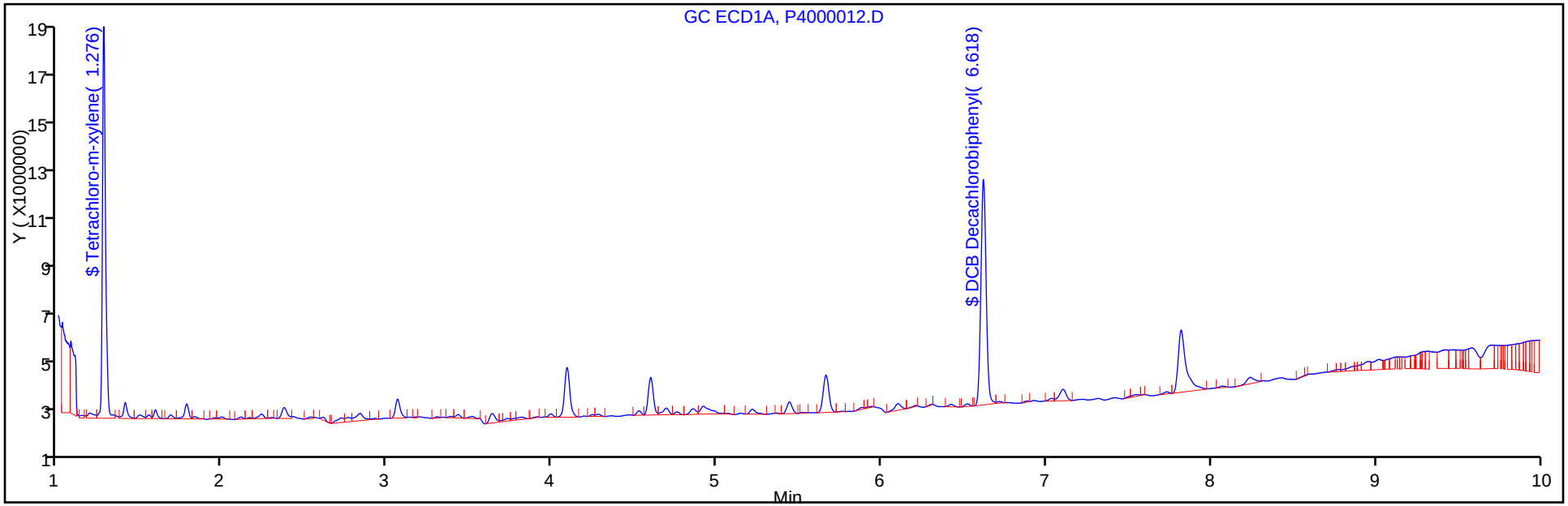
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.915						
1	2		4.201						
1	3		4.482						
1	4		5.181						
1	5		5.465						
2	6		4.943						
2	7		5.173						
2	8		5.540						
2	9		6.226						
2	10		6.608						
$ 12 DCB Decachlorobiphenyl									
1	100	6.618	6.618	0.000	21174141	0.0159			
2	2	7.841	7.842	-0.001	21608819	0.0148			
						RPD = 6.67			

Report Date: 19-Apr-2013 09:25:40 Chrom Revision: 2.0 01-Apr-2013 21:16:10

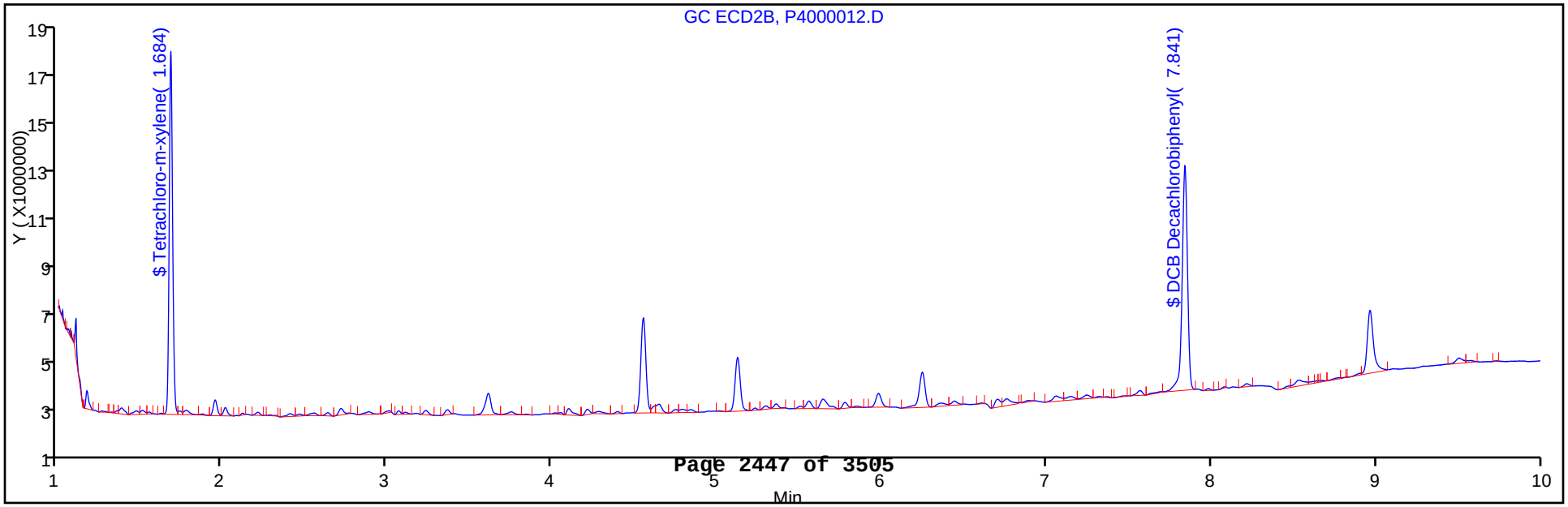
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000012.D		
Injection Date:	17-Apr-2013 13:02:14	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0030M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82267	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22663-1

SDG No.:

Client Sample ID: 068SB-0030M-0001-SO | Lab Sample ID: 240-22663-43

Matrix: Solid | Lab File ID: P4000012.D

Analysis Method: 8082/DOD | Date Collected: 04/01/2013 14:05

Extraction Method: 3540C | Date Extracted: 04/12/2013 11:46

Sample wt/vol: 29.91(g) | Date Analyzed: 04/17/2013 13:02

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.: 82267 | 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	70		40-140
2051-24-3	DCB Decachlorobiphenyl	74		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000012.D		
Lims ID:	240-22663-C-43-B	Client ID:	068SB-0030M-0001-SO
Inject. Date:	17-Apr-2013 13:02:14	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018945-012		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	12
Lims Batch ID:	82267	Lims Sample ID:	12
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\PCB4.m		
Last Update:	19-Apr-2013 09:25:32	Calib Date:	15-Apr-2013 10:24:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK027		

First Level Reviewer: hassl Date: 19-Apr-2013 08:42:26

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.276	1.276	0.000	22056935	0.0139			
2	2	1.684	1.683	0.001	22034912	0.0140			
						RPD = 0.27			
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	2		1.828						
1	3		2.219						
1	4		2.338						
1	5		2.717						
2	6		2.145						
2	7		2.541						
2	8		2.992						
2	9		3.130						
2	10		3.233						
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						

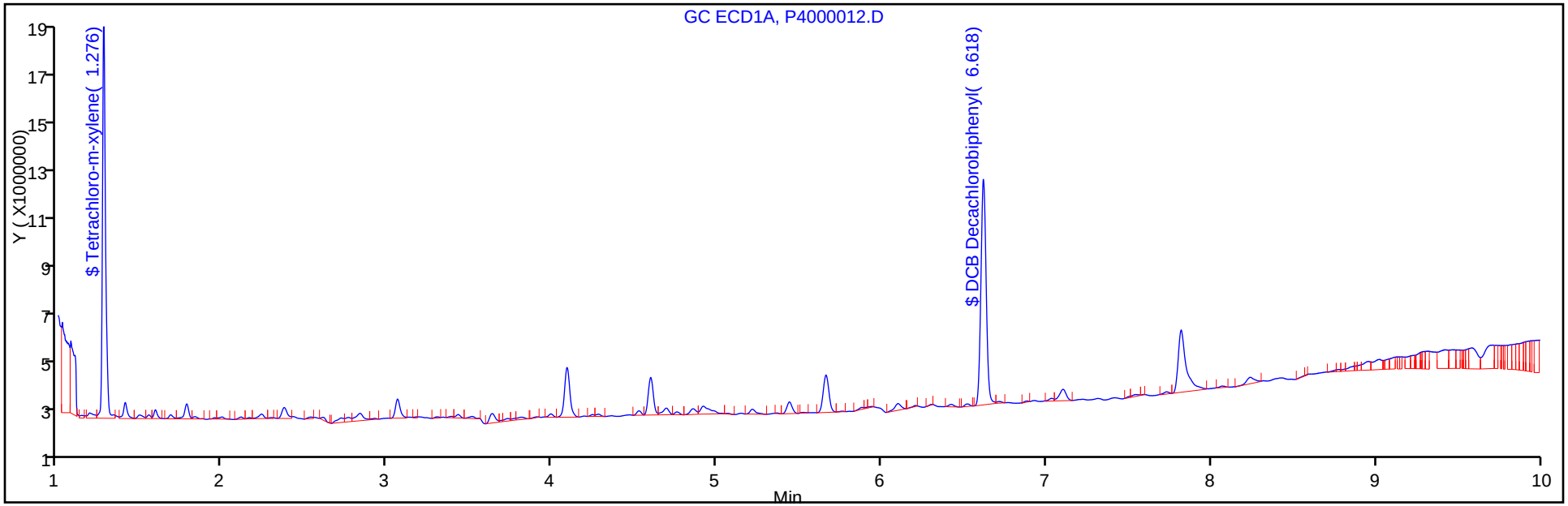
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.915						
1	2		4.201						
1	3		4.482						
1	4		5.181						
1	5		5.465						
2	6		4.943						
2	7		5.173						
2	8		5.540						
2	9		6.226						
2	10		6.608						
$ 12 DCB Decachlorobiphenyl									
1	100	6.618	6.618	0.000	21174141	0.0159			
2	2	7.841	7.842	-0.001	21608819	0.0148			
						RPD = 6.67			

Report Date: 19-Apr-2013 09:25:40 Chrom Revision: 2.0 01-Apr-2013 21:16:10

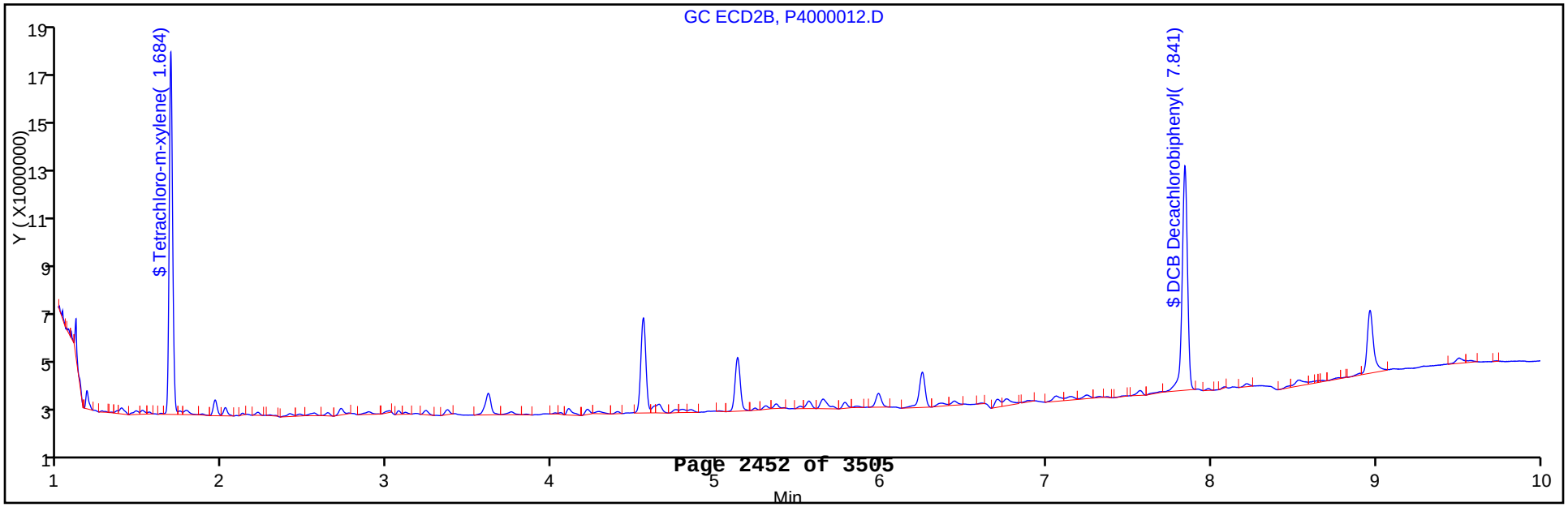
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000012.D		
Injection Date:	17-Apr-2013 13:02:14	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0030M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82267	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Client Sample ID: 068SB-0031M-0001-SO Lab Sample ID: 240-22663-44

Matrix: Solid Lab File ID: P4000013.D

Analysis Method: 8082/DOD Date Collected: 04/01/2013 13:44

Extraction Method: 3540C Date Extracted: 04/12/2013 11:46

Sample wt/vol: 29.64(g) Date Analyzed: 04/17/2013 13:17

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.: 82267 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	55		40-140
2051-24-3	DCB Decachlorobiphenyl	67		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000013.D		
Lims ID:	240-22663-C-44-B	Client ID:	068SB-0031M-0001-SO
Inject. Date:	17-Apr-2013 13:17:56	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018945-013		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	13
Lims Batch ID:	82267	Lims Sample ID:	13
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\PCB4.m		
Last Update:	19-Apr-2013 09:25:32	Calib Date:	15-Apr-2013 10:24:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK027		

First Level Reviewer: hassl Date: 19-Apr-2013 08:42:35

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	17331477	0.0109			
2	2	1.683	1.683	0.000	17351049	0.0110			
						RPD = 0.48			
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	2		1.828						
1	3		2.219						
1	4		2.338						
1	5		2.717						
2	6		2.145						
2	7		2.541						
2	8		2.992						
2	9		3.130						
2	10		3.233						
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						
1	2		4.201						
1	3		4.482						
1	4		5.181						
1	5		5.465						
2	6		4.943						
2	7		5.173						
2	8		5.540						
2	9		6.226						
2	10		6.608						
$ 12 DCB Decachlorobiphenyl									
1	100	6.619	6.618	0.001	17834321	0.0134			
2	2	7.841	7.842	-0.001	17731002	0.0122			
						RPD = 9.28			

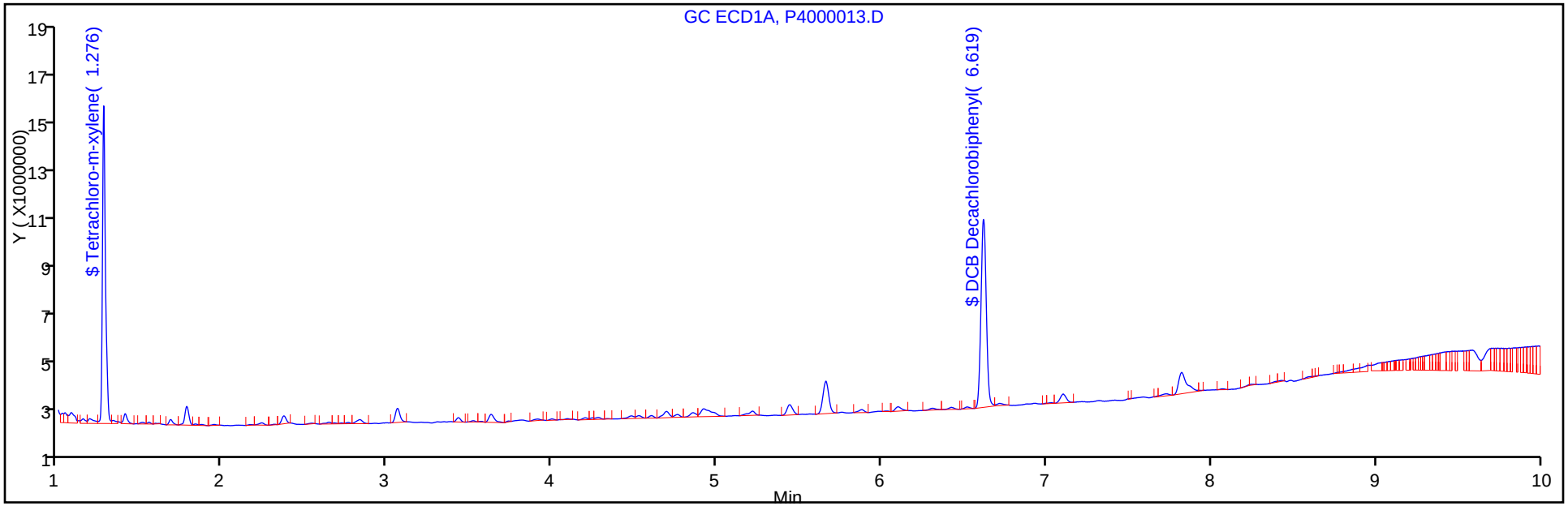
Report Date: 19-Apr-2013 09:25:40 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

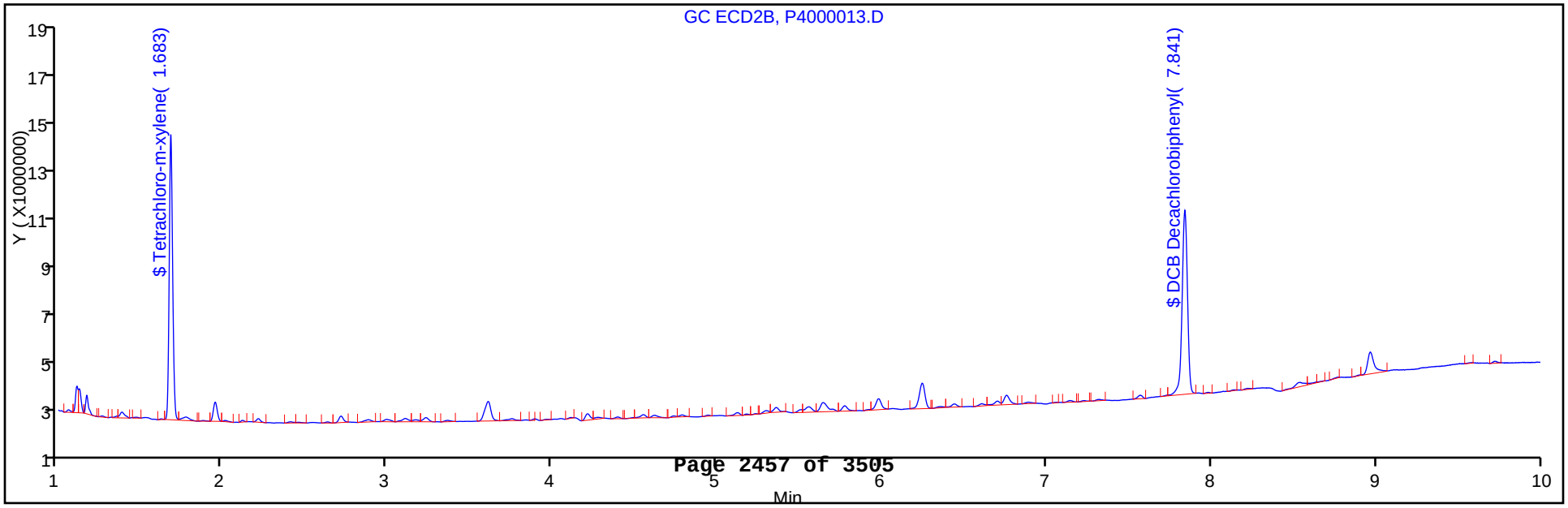
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000013.D

Injection Date:	17-Apr-2013 13:17:56	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0031M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82267	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.: 240-22663-1

SDG No.:

Client Sample ID: 068SB-0031M-0001-SO Lab Sample ID: 240-22663-44

Matrix: Solid Lab File ID: P4000013.D

Analysis Method: 8082/DOD Date Collected: 04/01/2013 13:44

Extraction Method: 3540C Date Extracted: 04/12/2013 11:46

Sample wt/vol: 29.64(g) Date Analyzed: 04/17/2013 13:17

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.: 82267 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	51	25	16
12674-11-2	Aroclor-1016	25	U	66	25	21
11141-16-5	Aroclor-1232	25	U	46	25	14
53469-21-9	Aroclor-1242	25	U	40	25	13
12672-29-6	Aroclor-1248	25	U	56	25	17
11097-69-1	Aroclor-1254	25	U	56	25	17
11096-82-5	Aroclor-1260	25	U	56	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	55		40-140
2051-24-3	DCB Decachlorobiphenyl	61		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000013.D		
Lims ID:	240-22663-C-44-B	Client ID:	068SB-0031M-0001-SO
Inject. Date:	17-Apr-2013 13:17:56	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018945-013		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	13
Lims Batch ID:	82267	Lims Sample ID:	13
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\PCB4.m		
Last Update:	19-Apr-2013 09:25:32	Calib Date:	15-Apr-2013 10:24:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK027		
First Level Reviewer: hassl		Date:	19-Apr-2013 08:42:35

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	17331477	0.0109			
2	2	1.683	1.683	0.000	17351049	0.0110			
						RPD = 0.48			
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	2		1.828						
1	3		2.219						
1	4		2.338						
1	5		2.717						
2	6		2.145						
2	7		2.541						
2	8		2.992						
2	9		3.130						
2	10		3.233						
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						

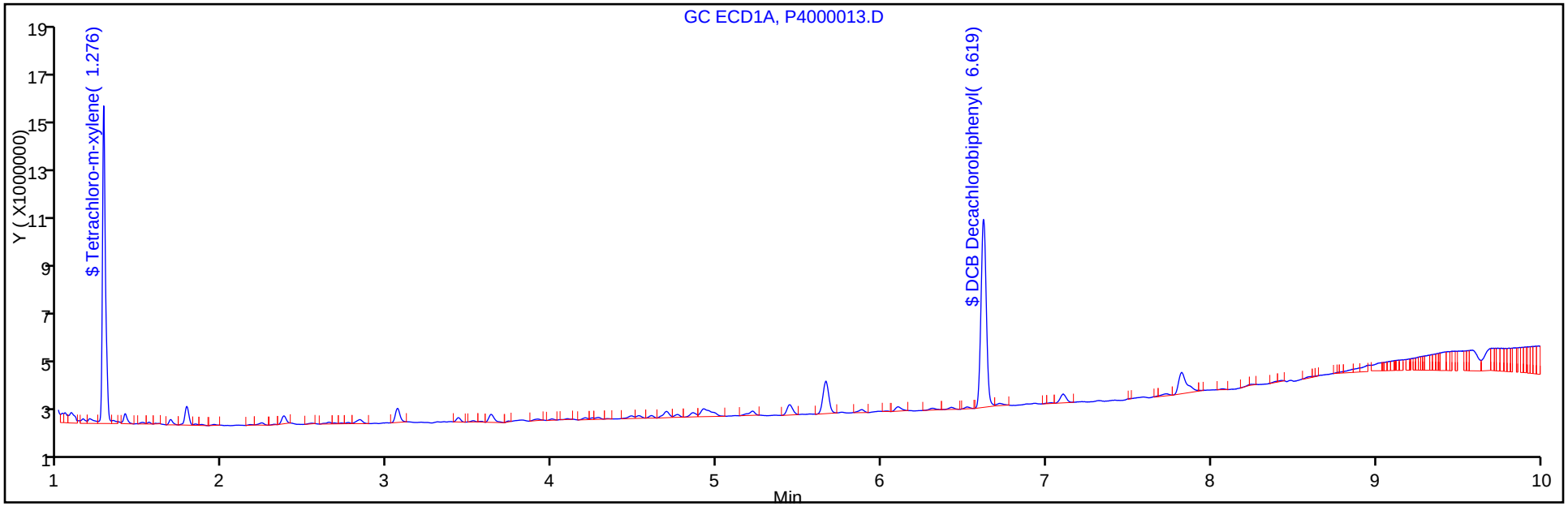
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.915						
1	2		4.201						
1	3		4.482						
1	4		5.181						
1	5		5.465						
2	6		4.943						
2	7		5.173						
2	8		5.540						
2	9		6.226						
2	10		6.608						
$ 12 DCB Decachlorobiphenyl									
1	100	6.619	6.618	0.001	17834321	0.0134			
2	2	7.841	7.842	-0.001	17731002	0.0122			
						RPD = 9.28			

Report Date: 19-Apr-2013 09:25:41 Chrom Revision: 2.0 01-Apr-2013 21:16:10

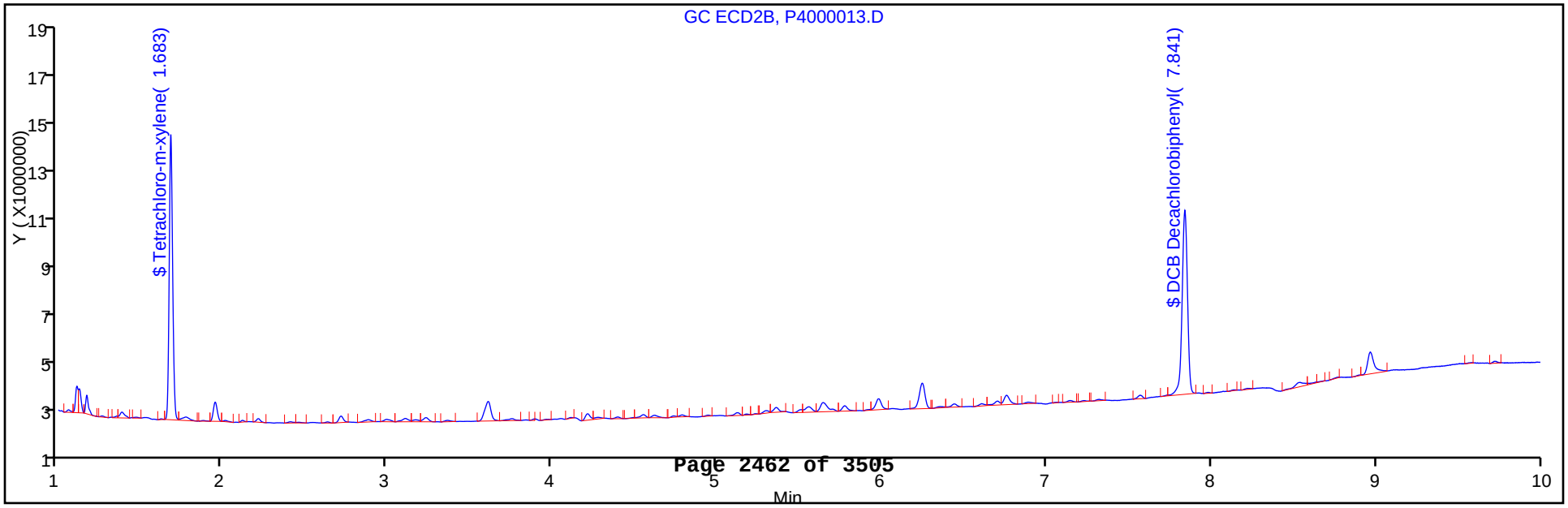
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000013.D		
Injection Date:	17-Apr-2013 13:17:56	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0031M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82267	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 VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22663-1 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.: 240-22663-1 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.: 240-22663-1 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			

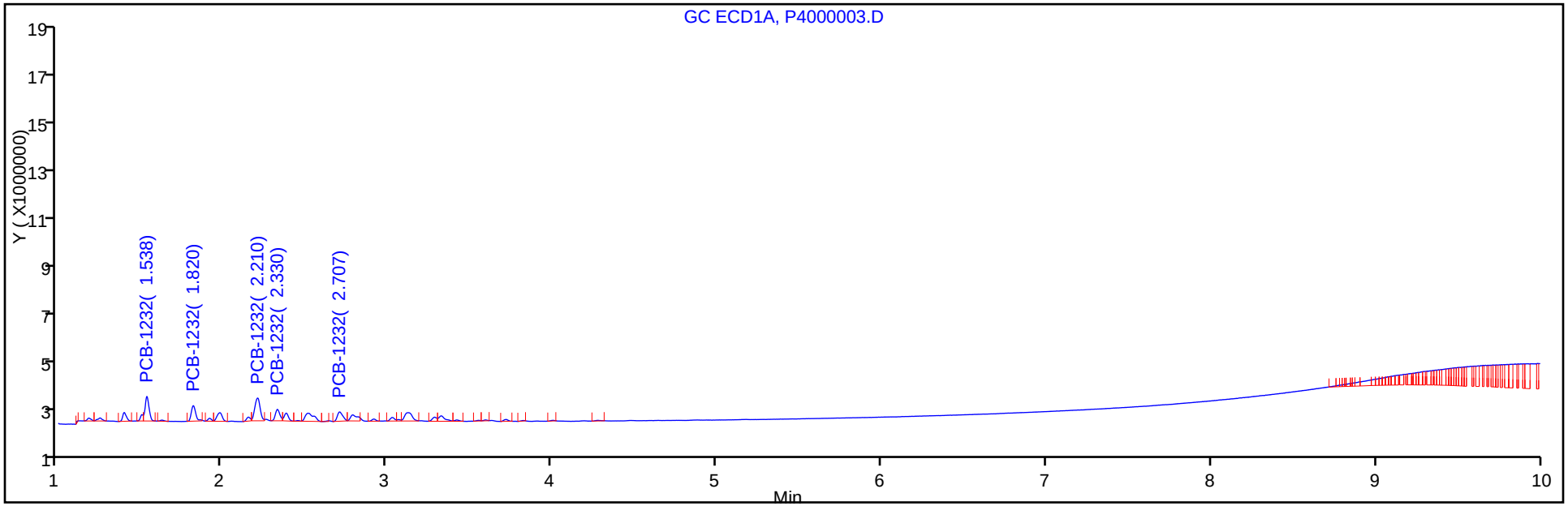
Report Date: 15-Apr-2013 13:04:35 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

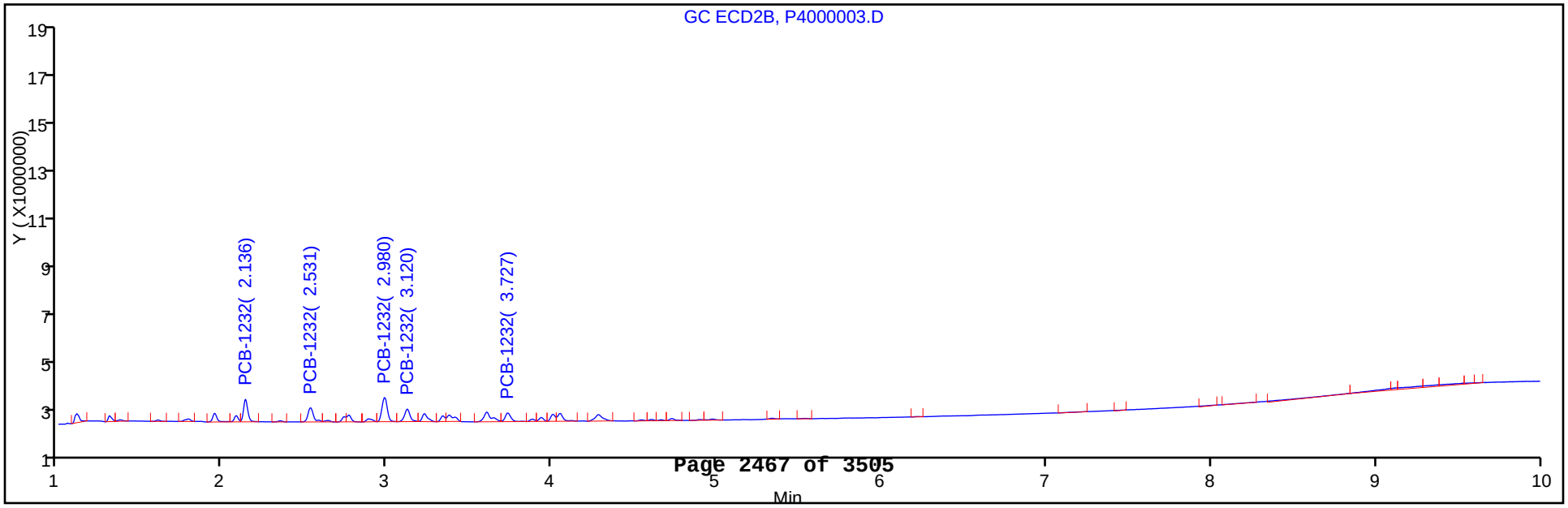
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Injection Date:	14-Apr-2013 23:42:10	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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			

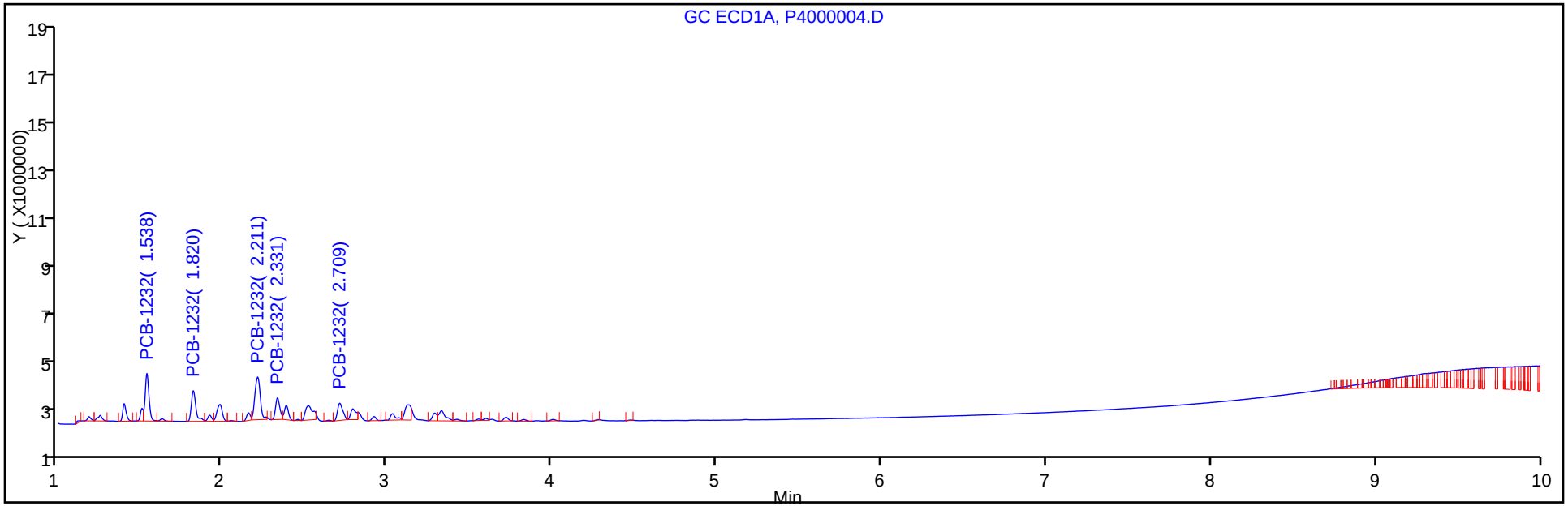
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TestAmerica Canton

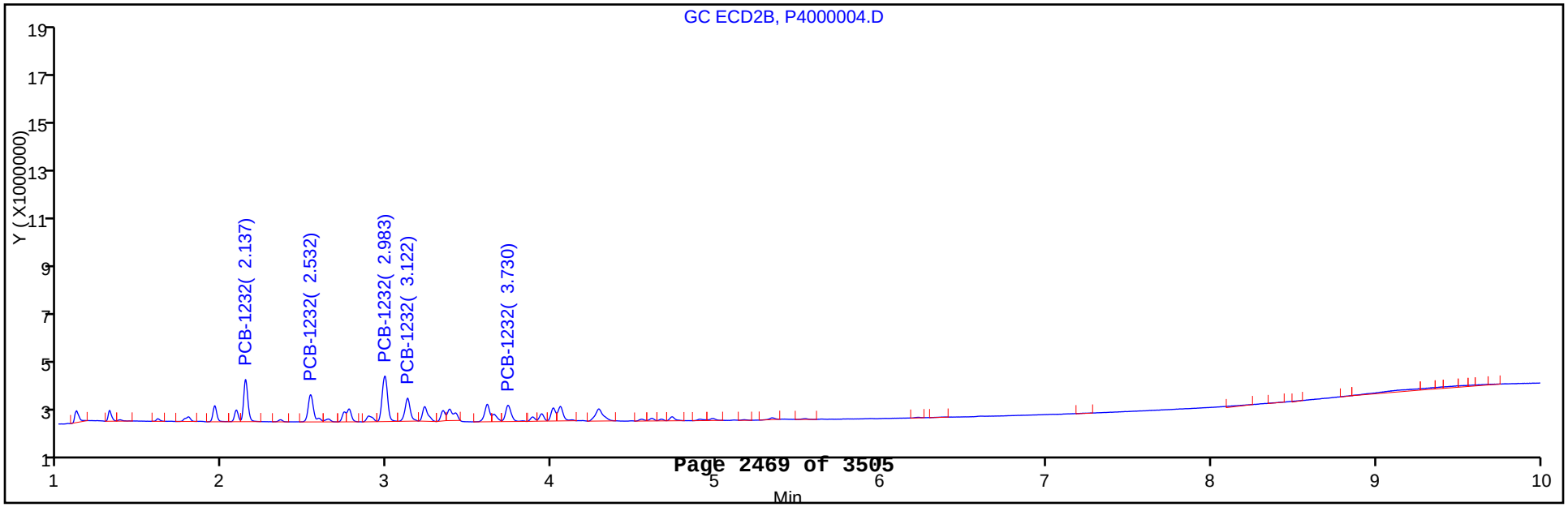
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000004.D

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			

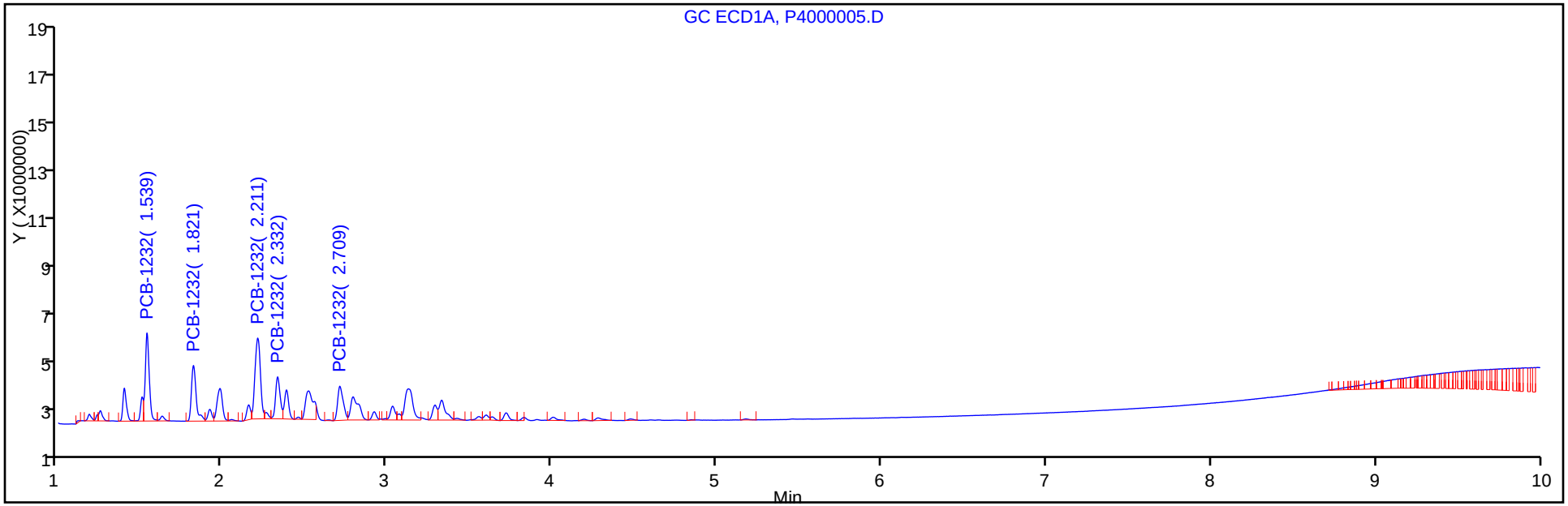
Report Date: 15-Apr-2013 13:04:38 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

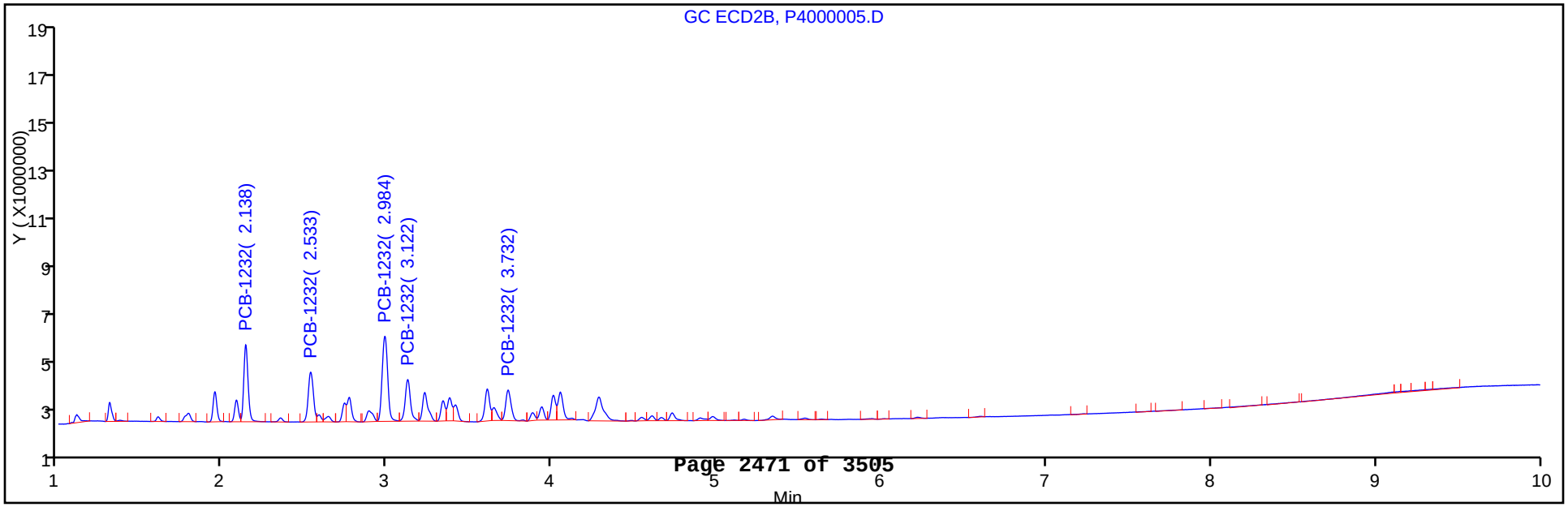
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000005.D

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			

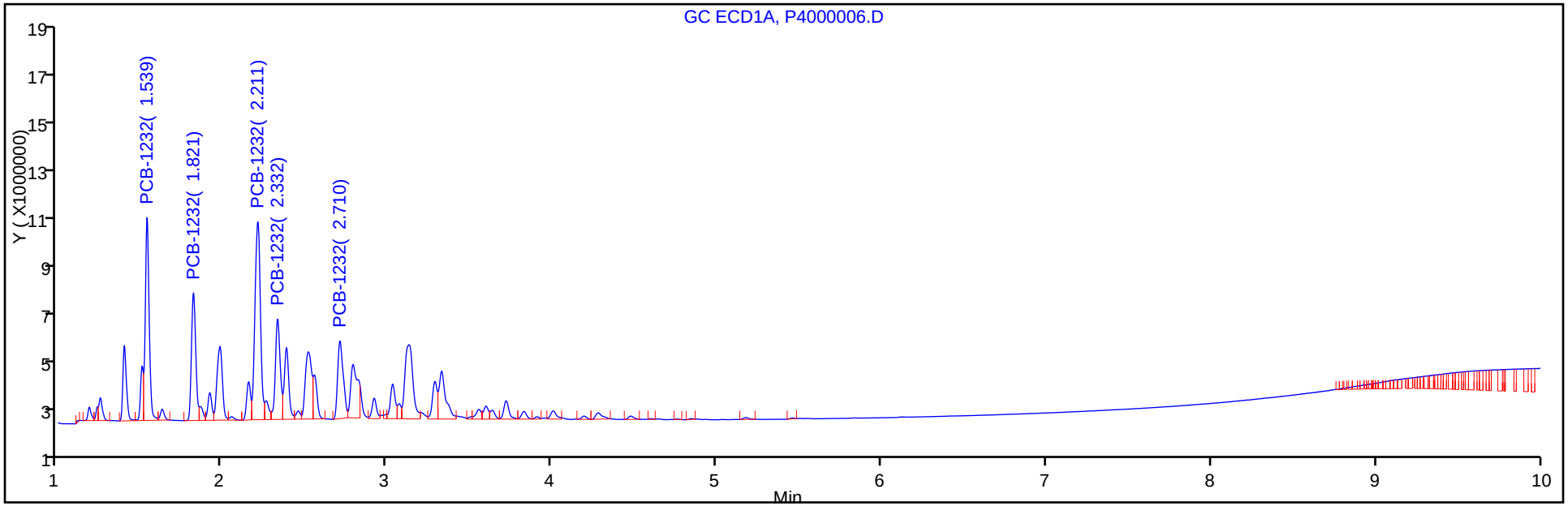
Report Date: 15-Apr-2013 13:04:39 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

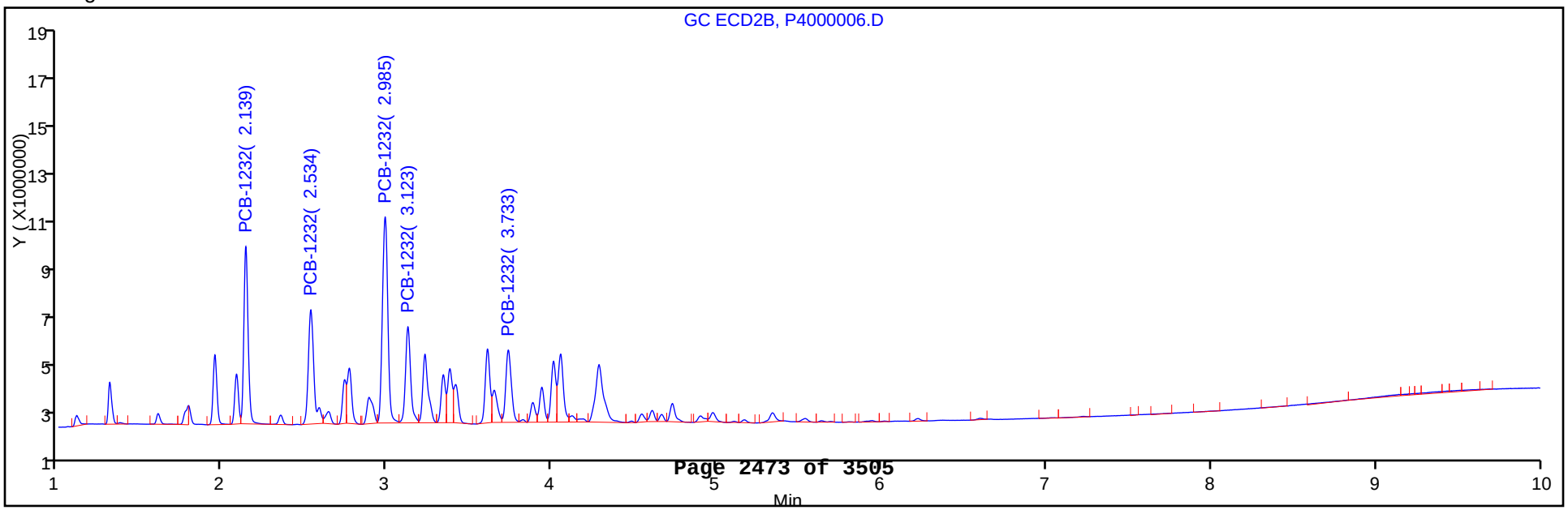
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Injection Date:	15-Apr-2013 00:29:19	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	6
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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			

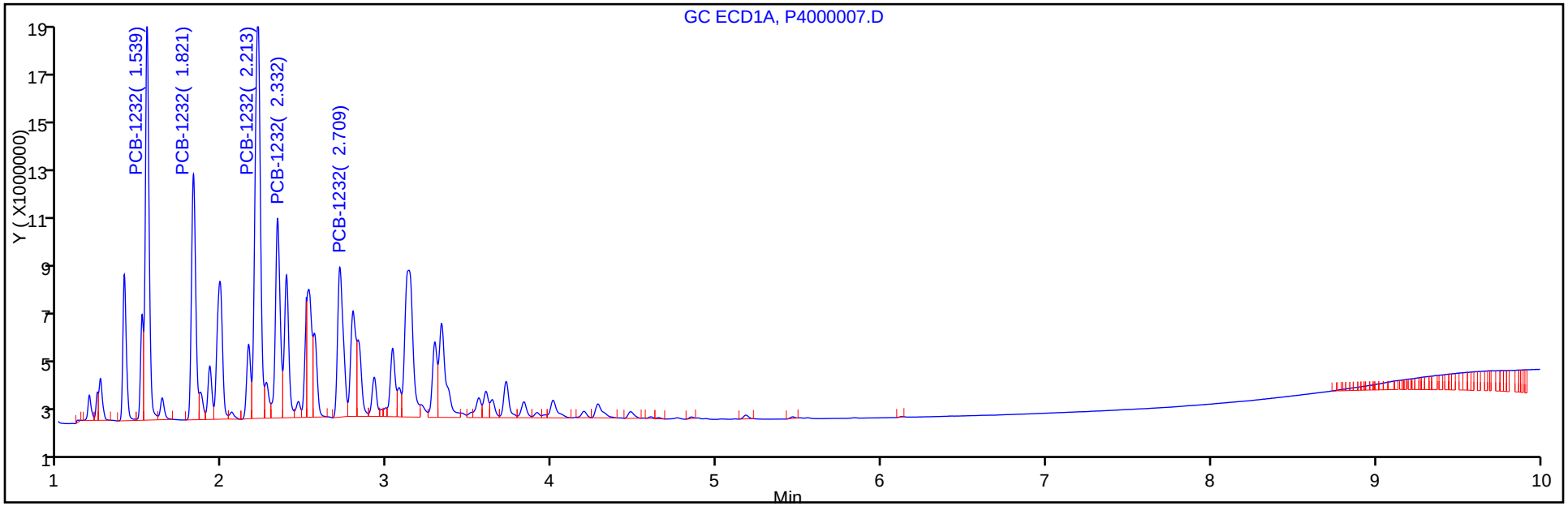
Report Date: 15-Apr-2013 13:04:41 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

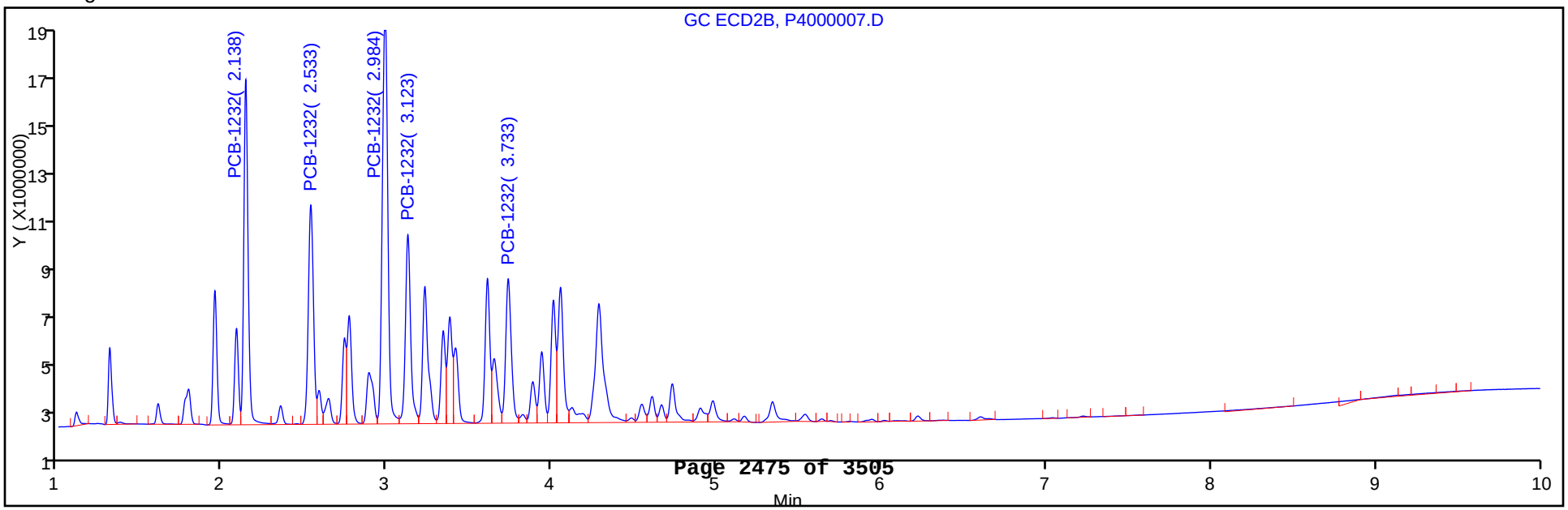
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000007.D

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			

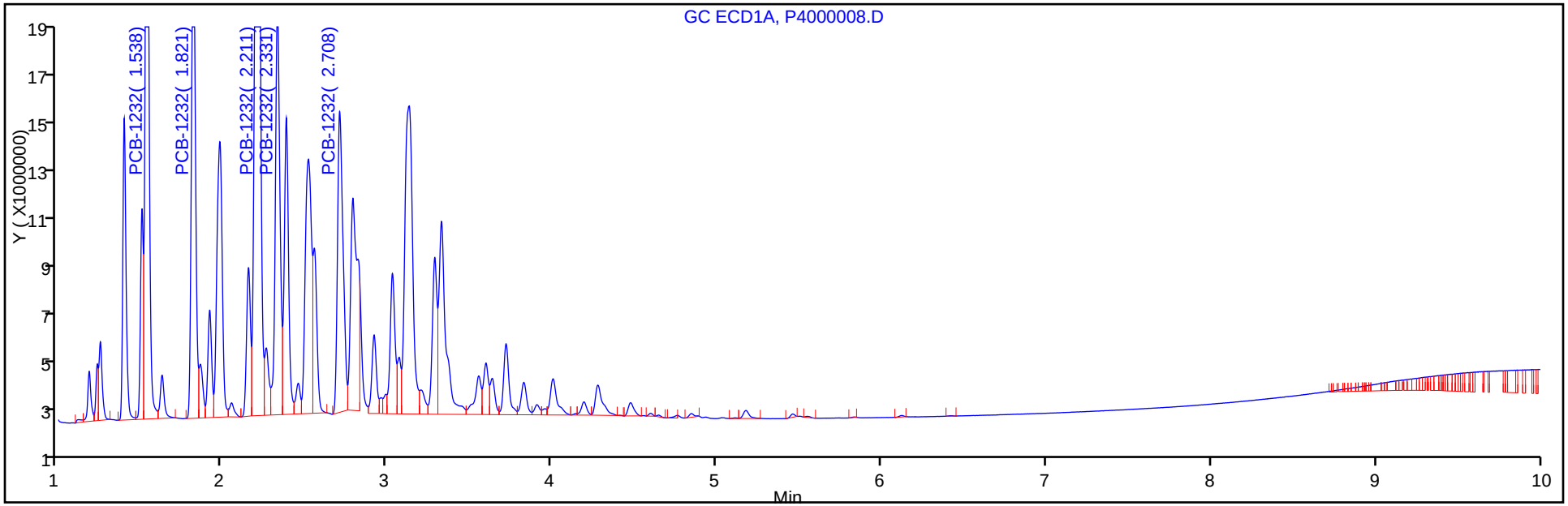
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TestAmerica Canton

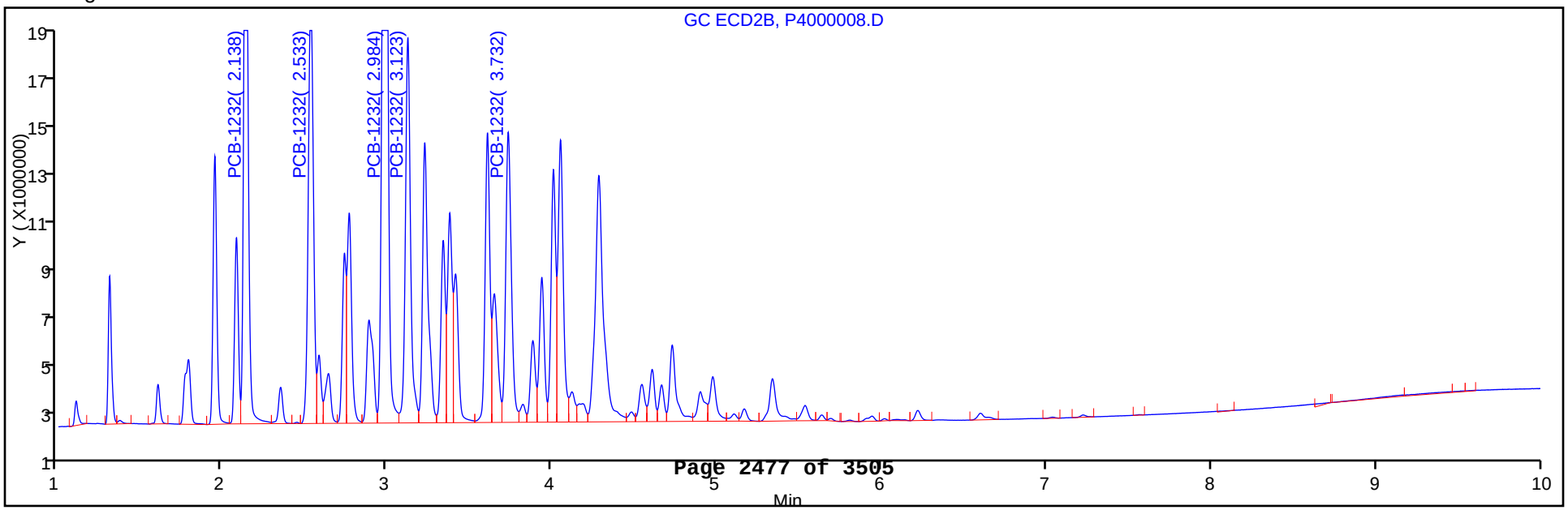
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000008.D

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.: 240-22663-1 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.: 240-22663-1 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.: 240-22663-1 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			

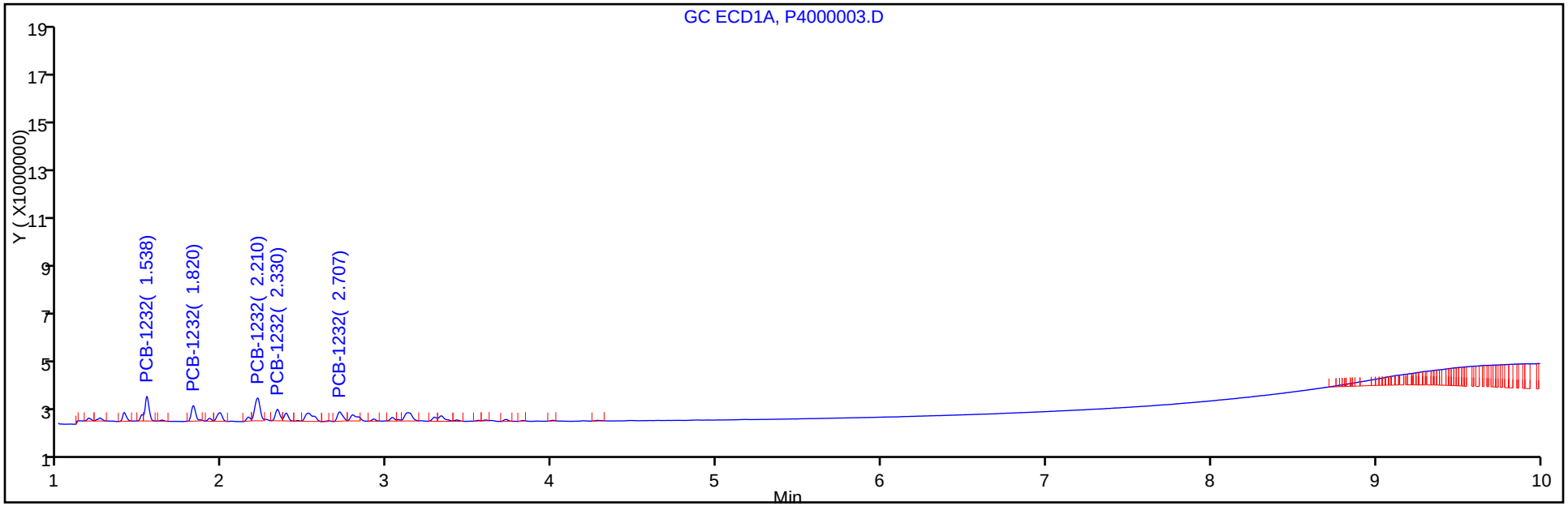
Report Date: 15-Apr-2013 13:04:35 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

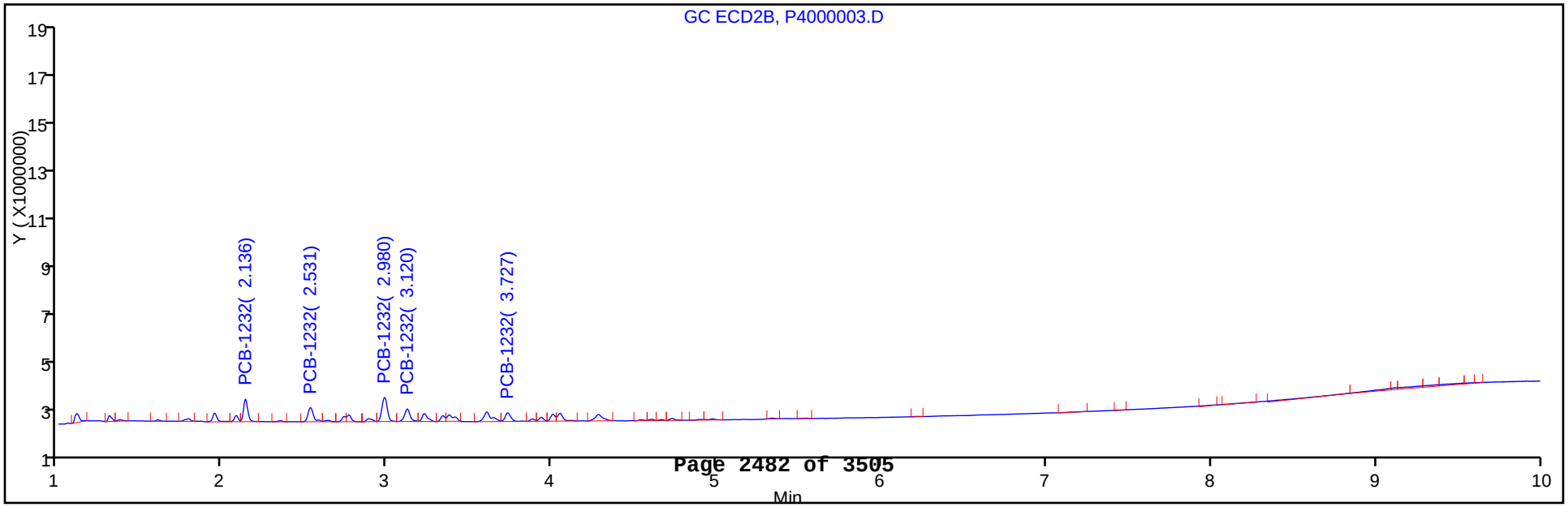
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Injection Date:	14-Apr-2013 23:42:10	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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			

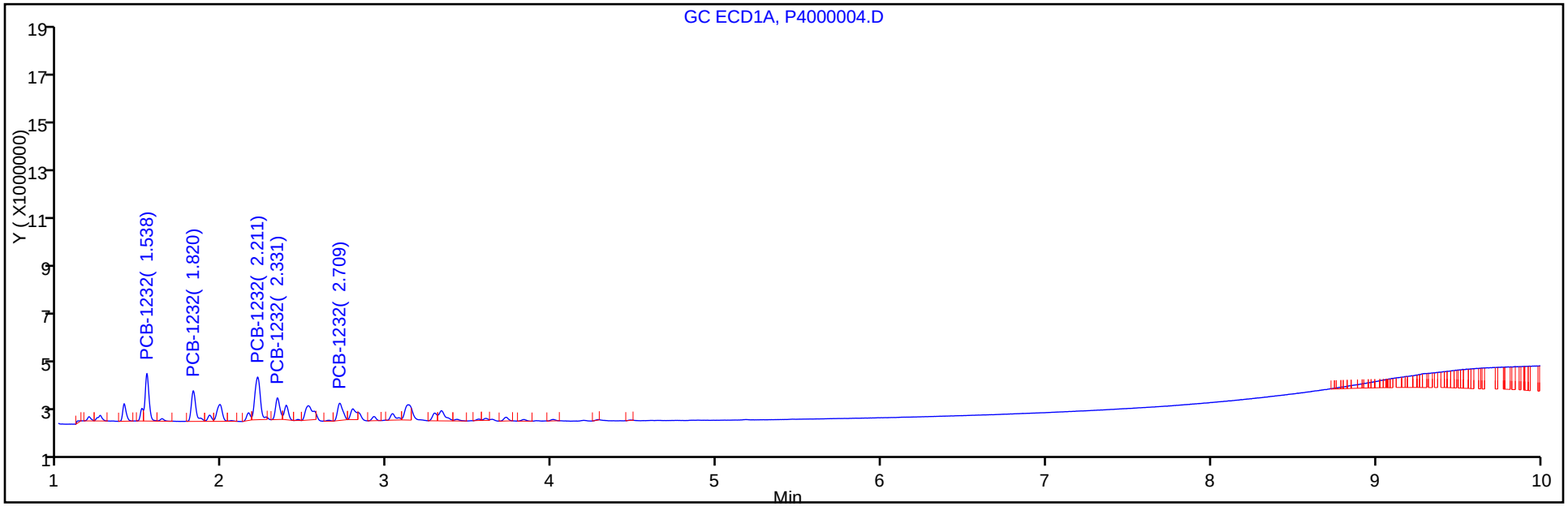
Report Date: 15-Apr-2013 13:04:37 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

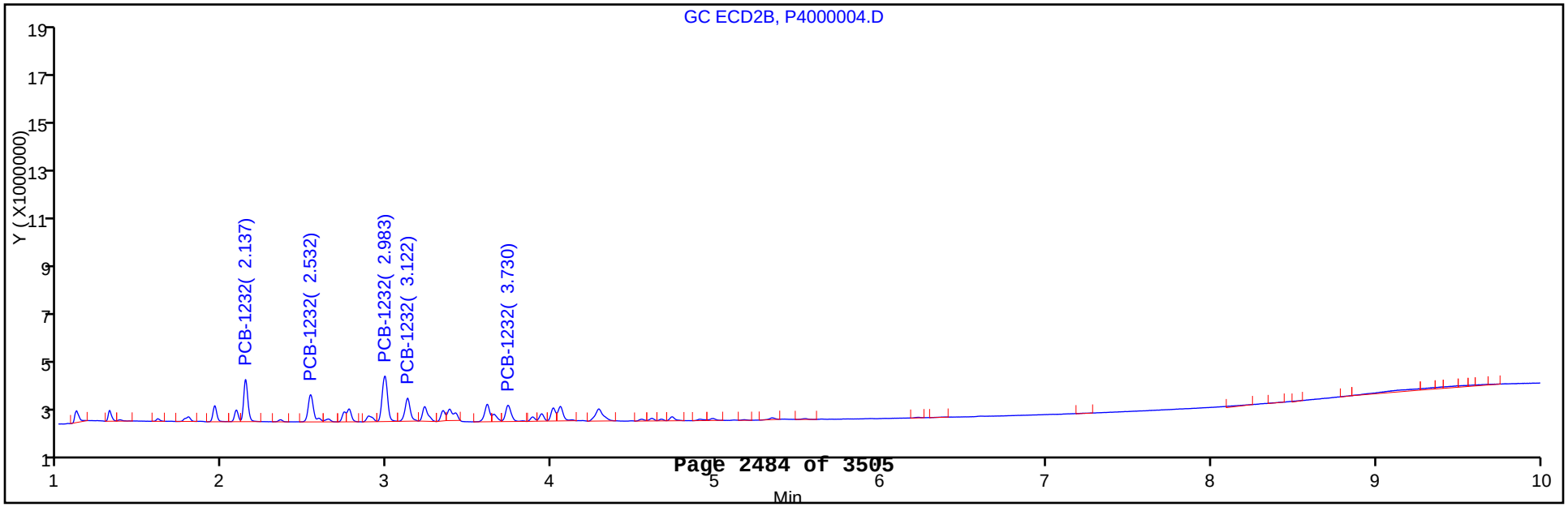
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000004.D

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			

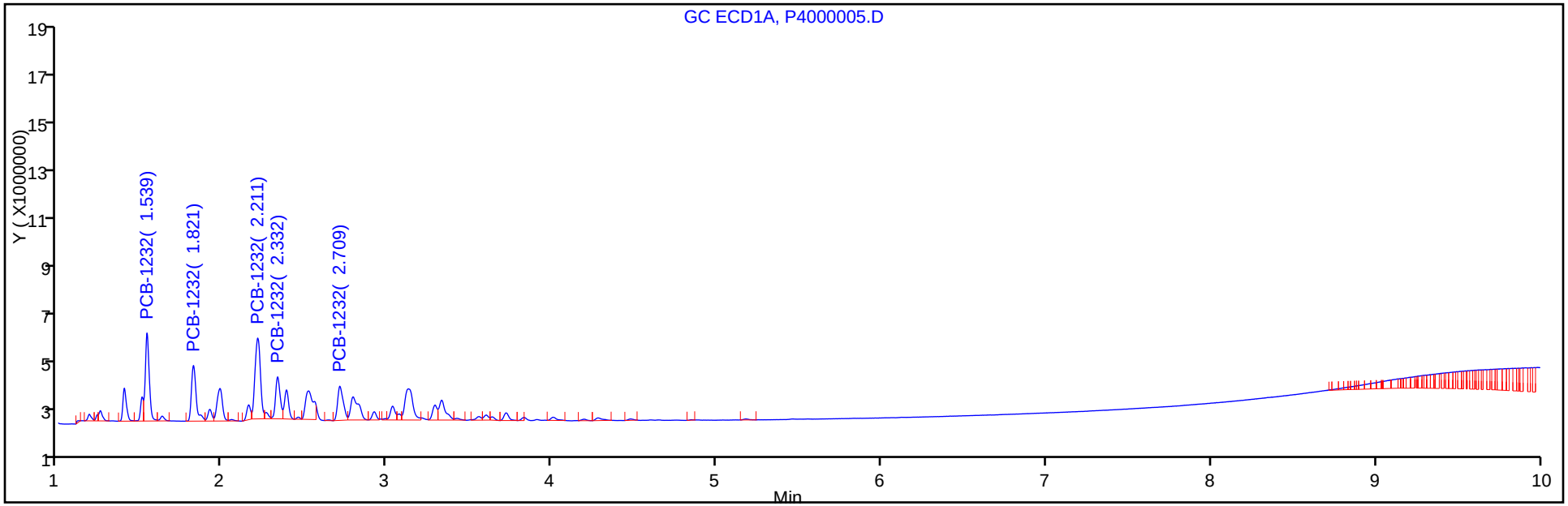
Report Date: 15-Apr-2013 13:04:38 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

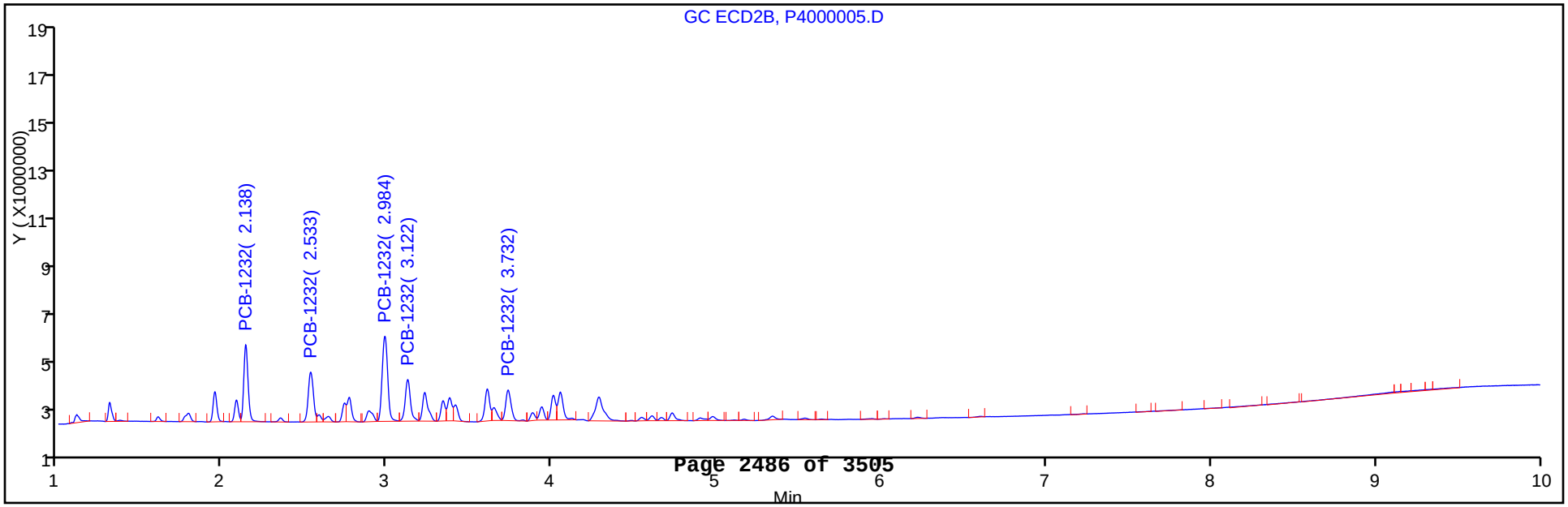
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000005.D

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			

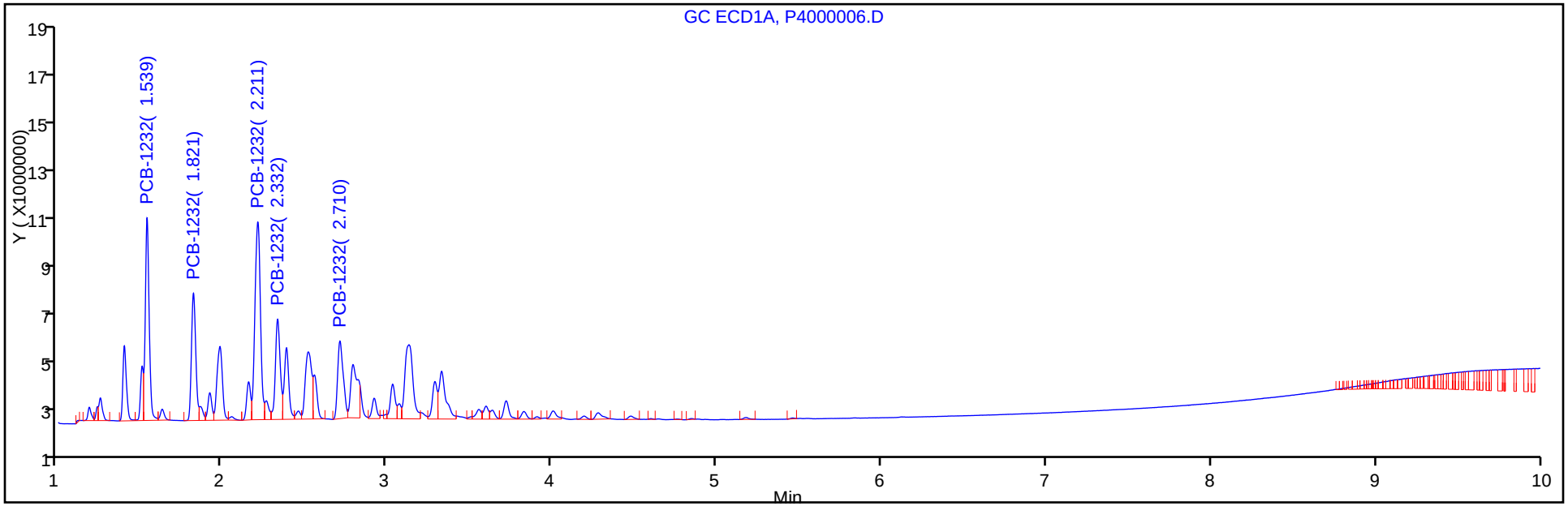
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TestAmerica Canton

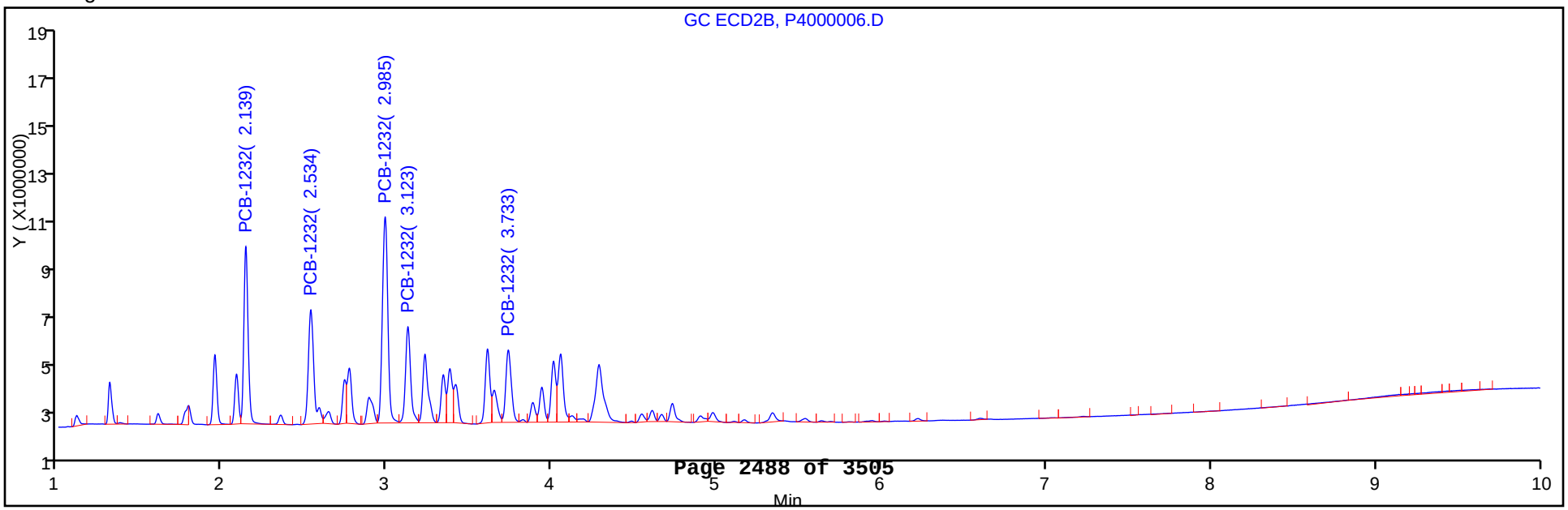
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000006.D

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			

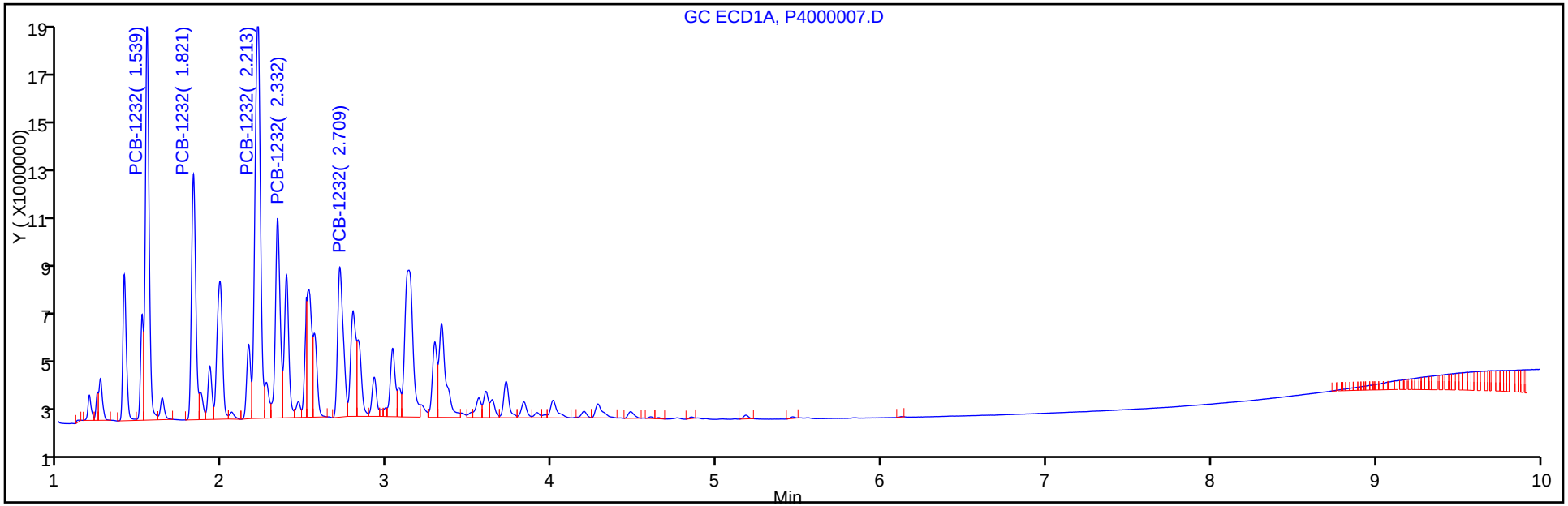
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TestAmerica Canton

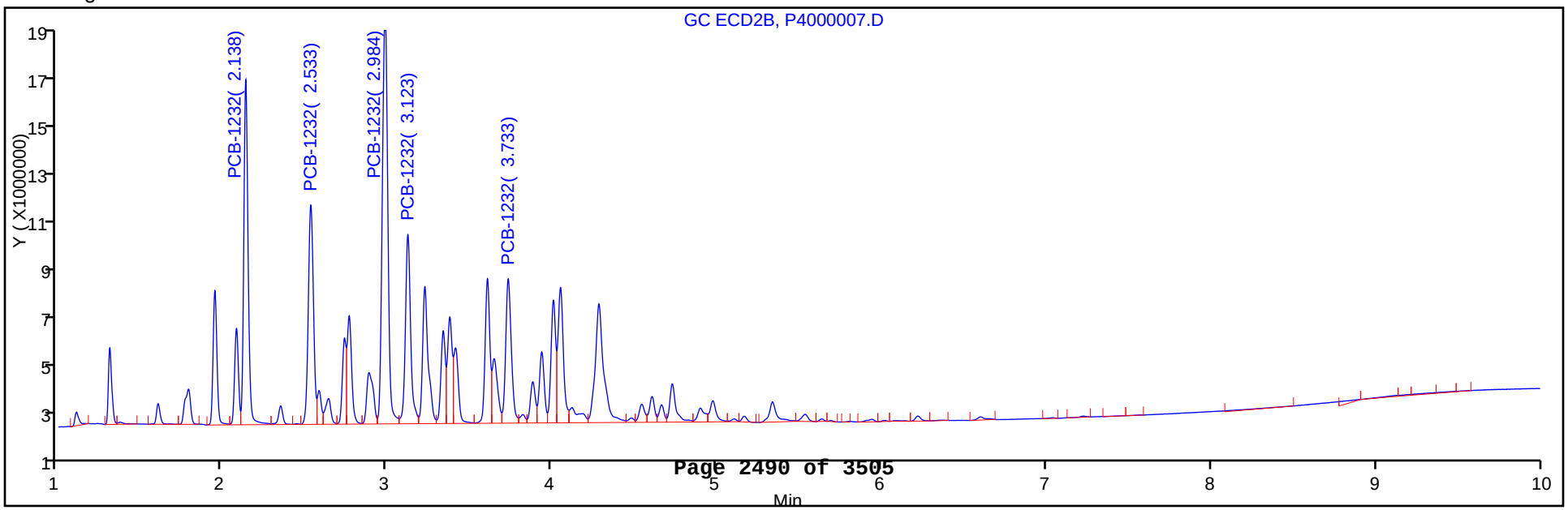
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000007.D

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			

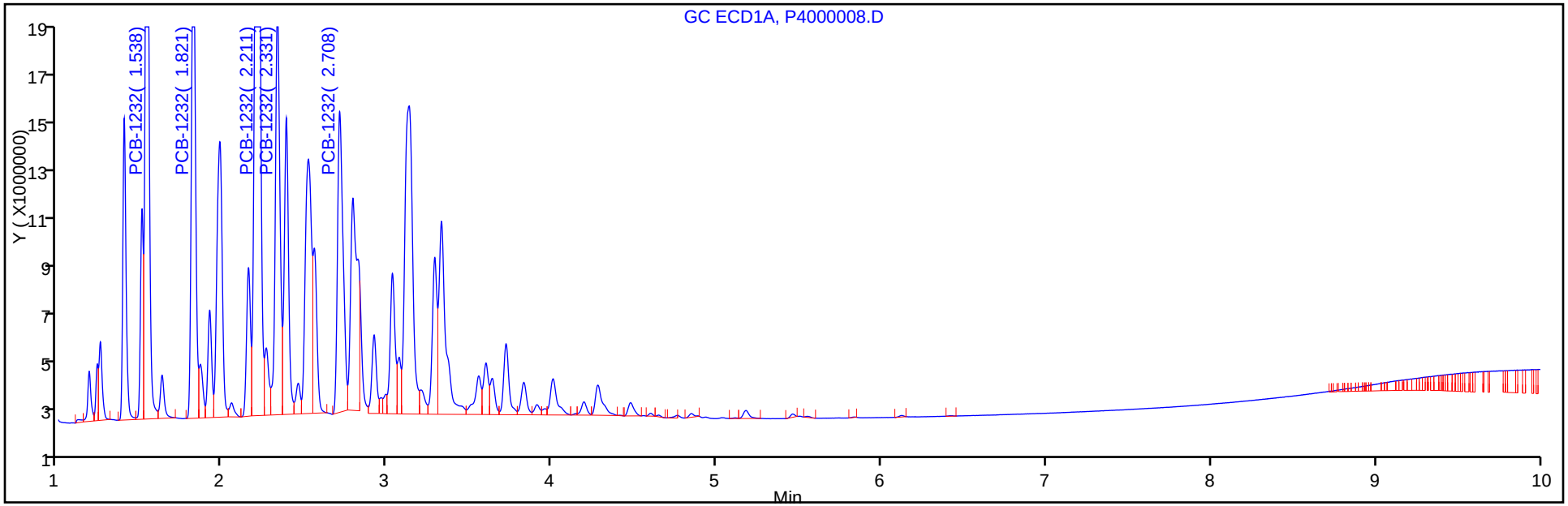
Report Date: 15-Apr-2013 13:04:42 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

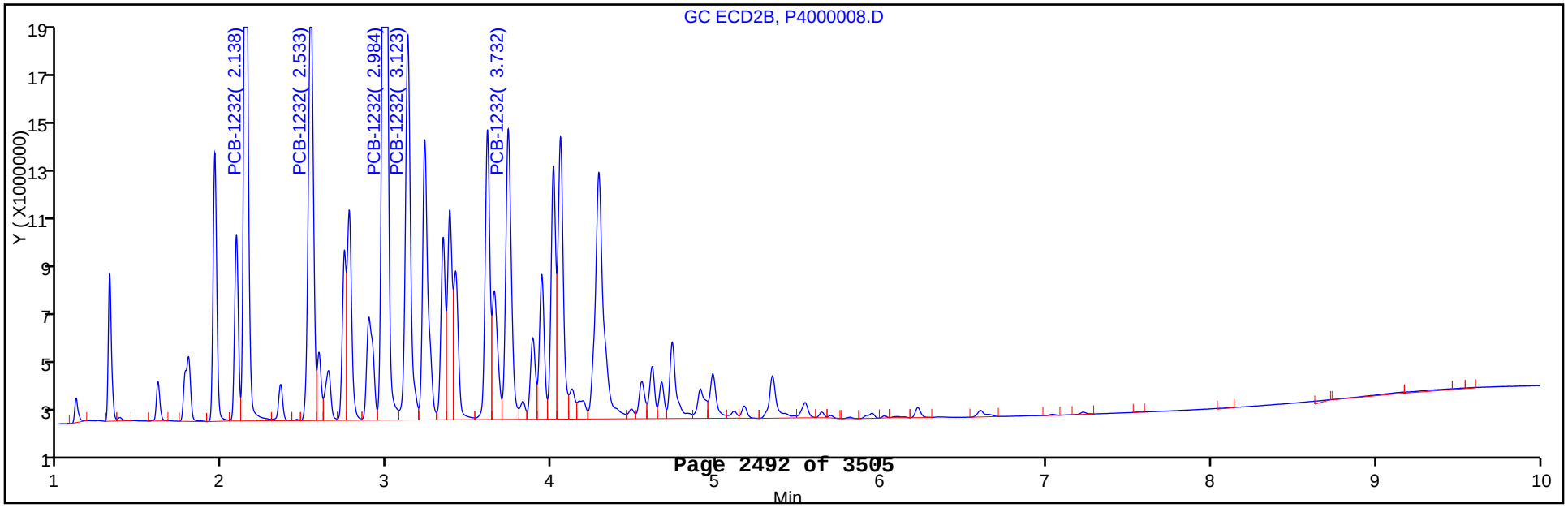
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000008.D

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.: 240-22663-1 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.: 240-22663-1 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.: 240-22663-1 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			

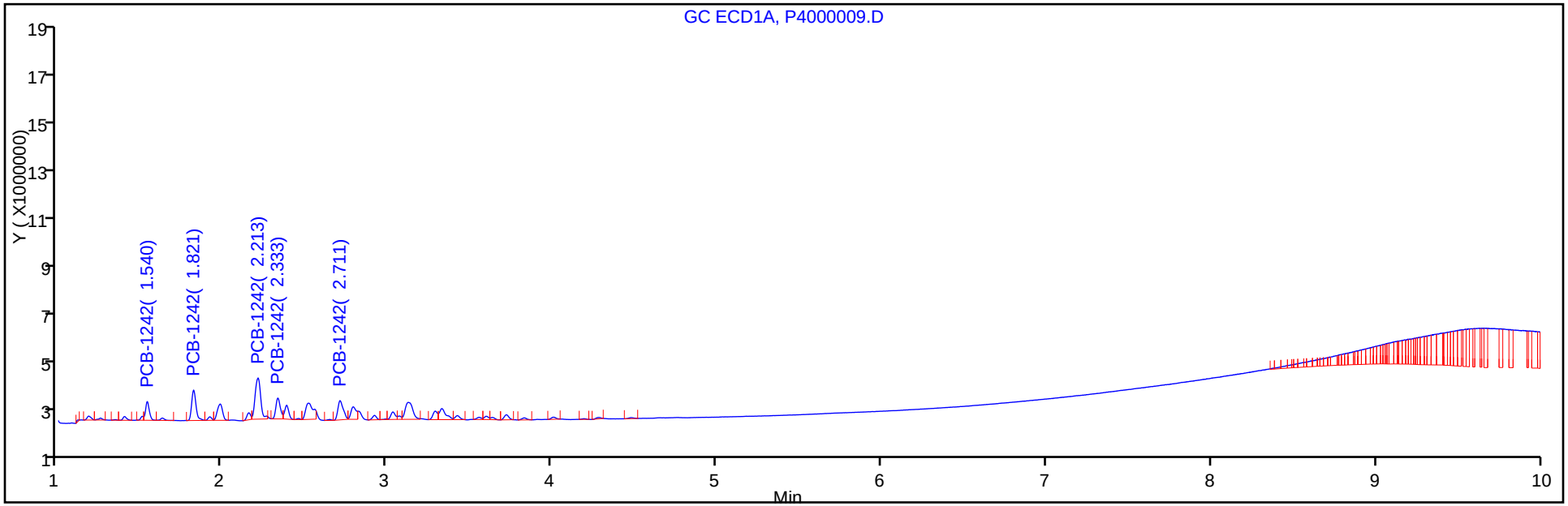
Report Date: 15-Apr-2013 13:04:43 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

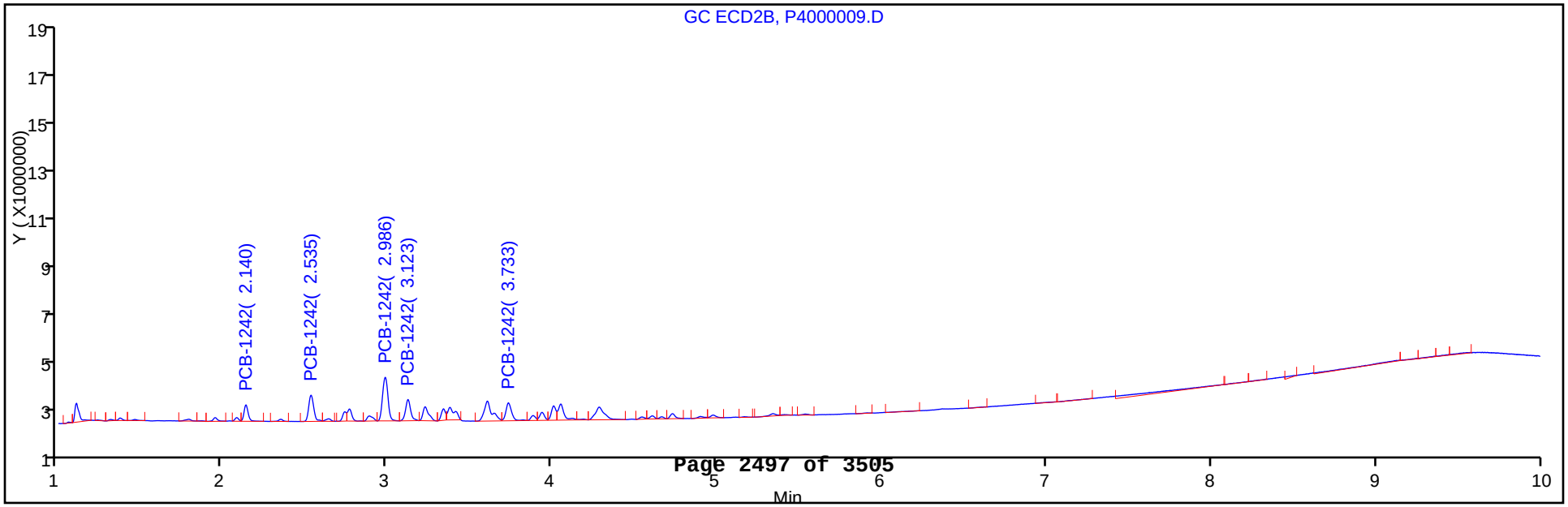
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000009.D

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			

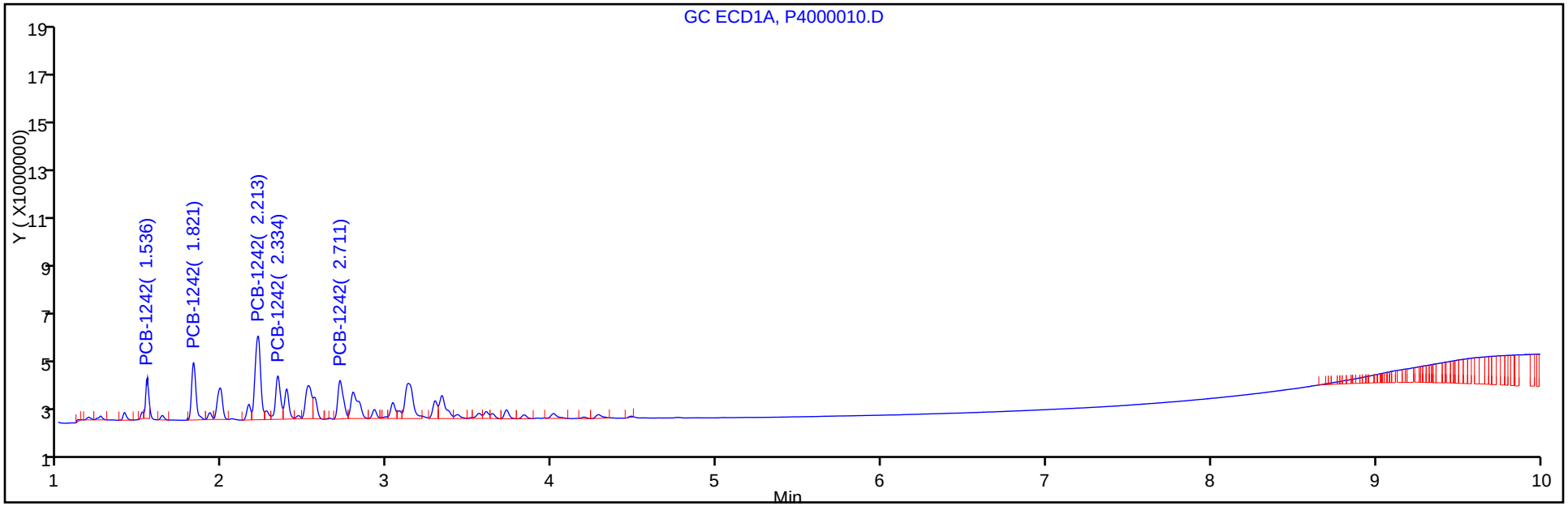
Report Date: 15-Apr-2013 13:04:45 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

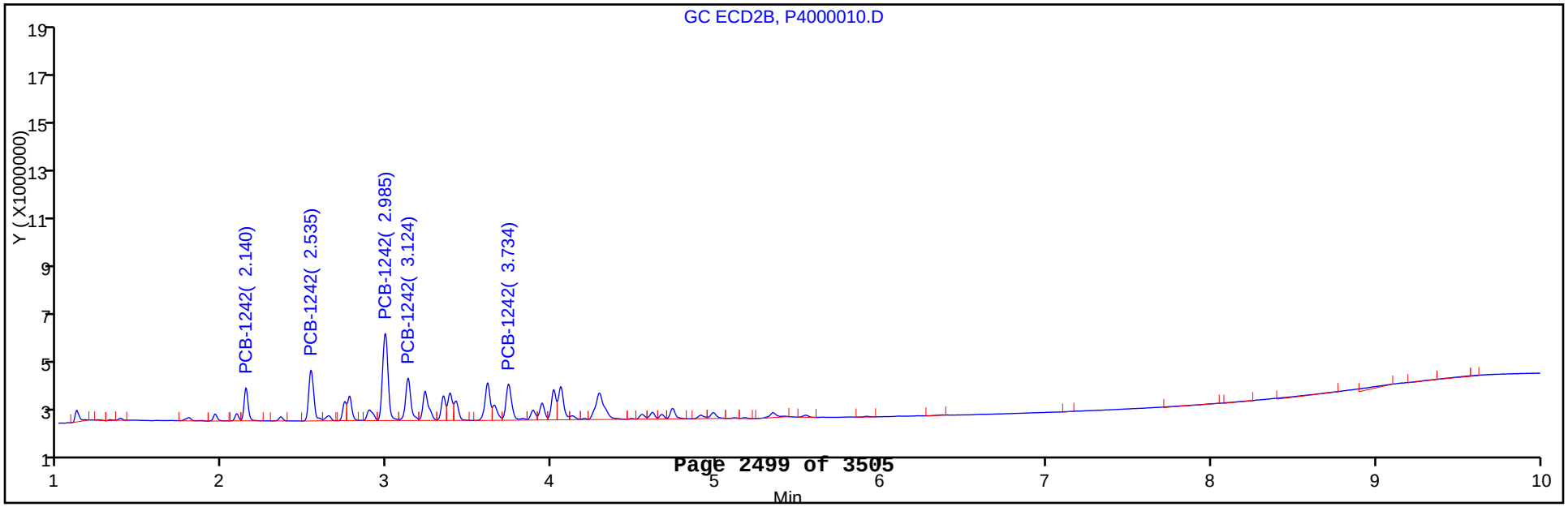
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Injection Date:	15-Apr-2013 01:31:55	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

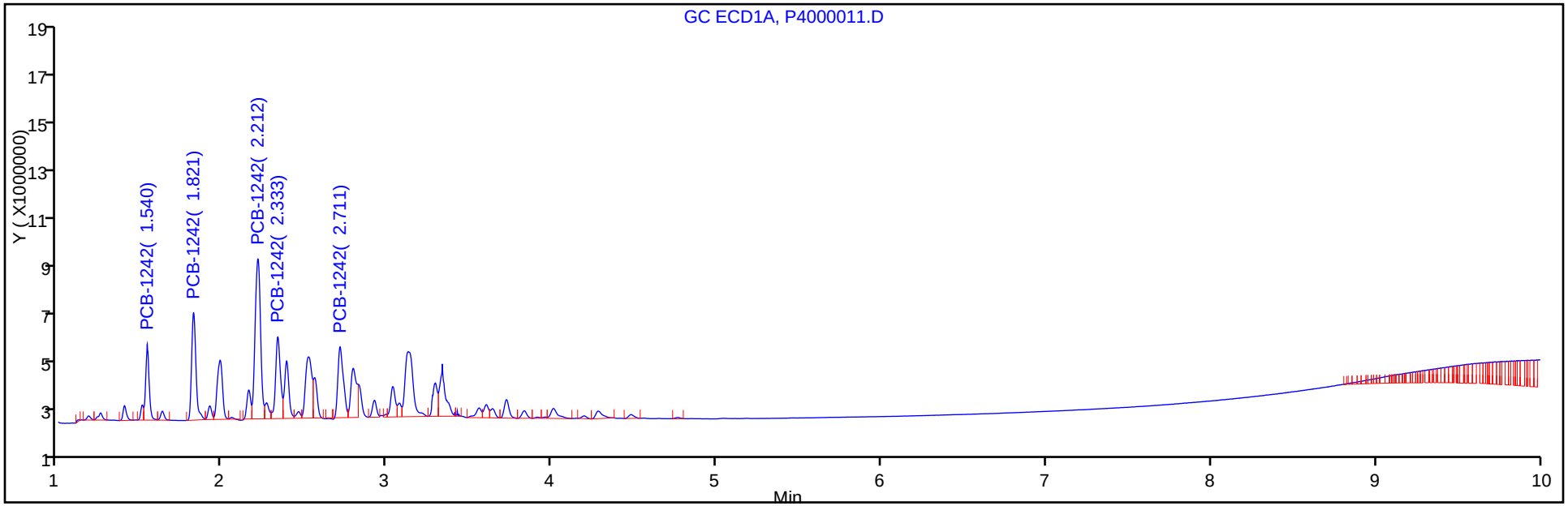
Report Date: 15-Apr-2013 13:04:46 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

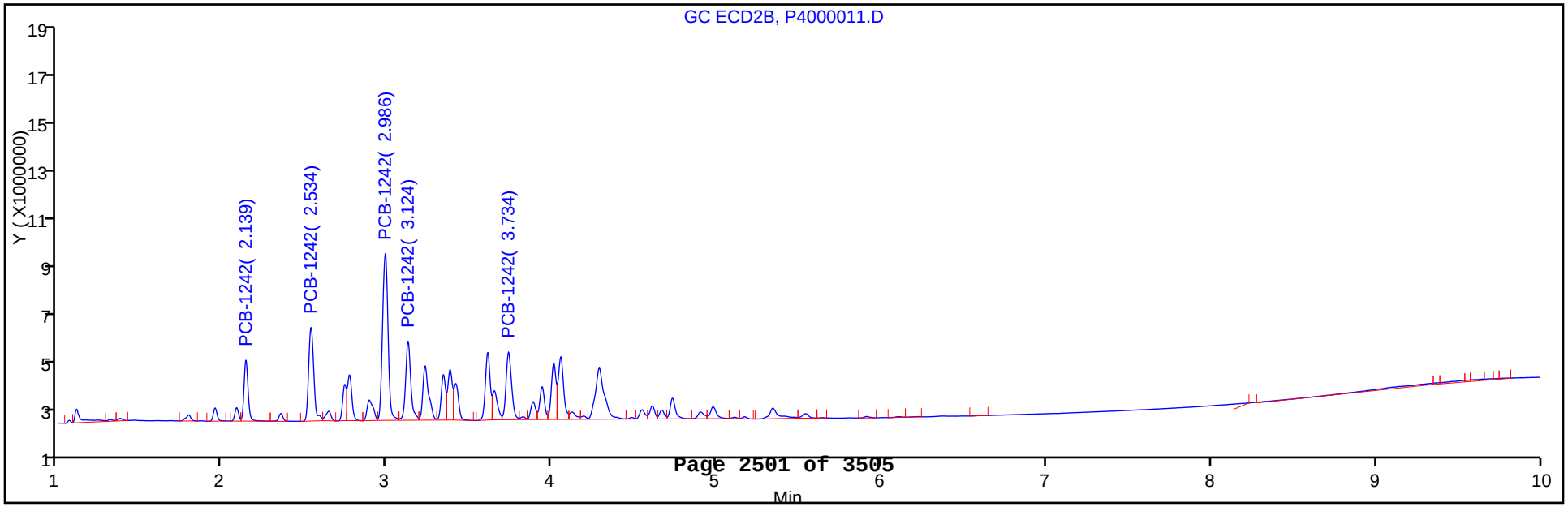
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000011.D

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



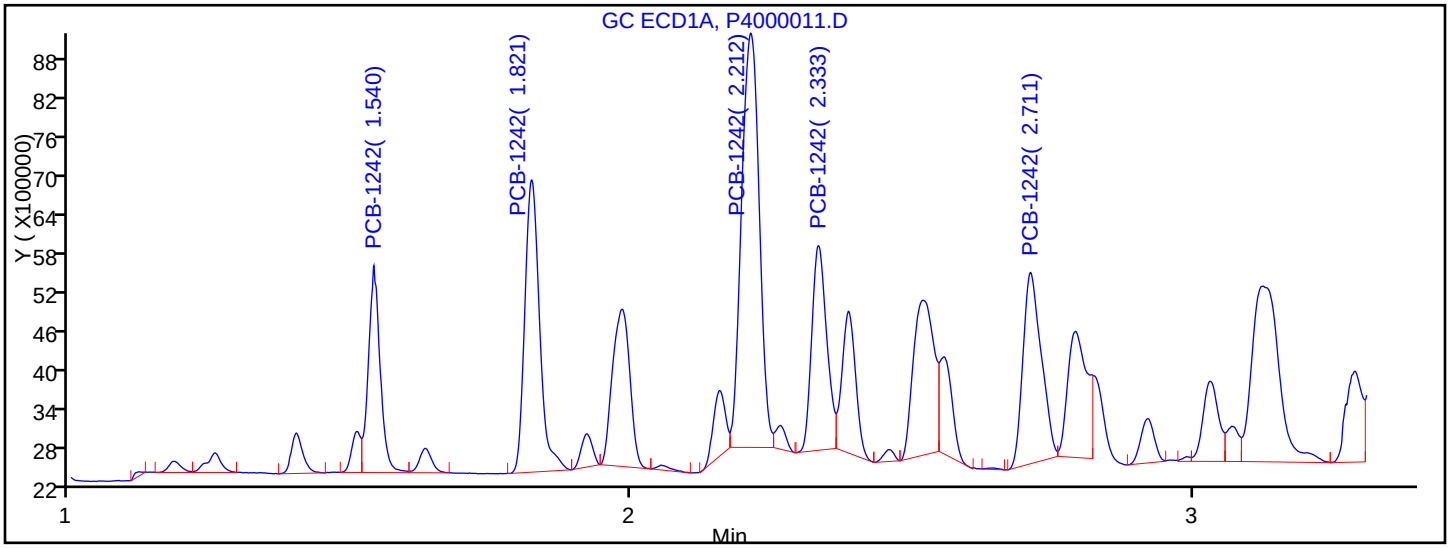
Report Date: 15-Apr-2013 13:04:46 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000011.D

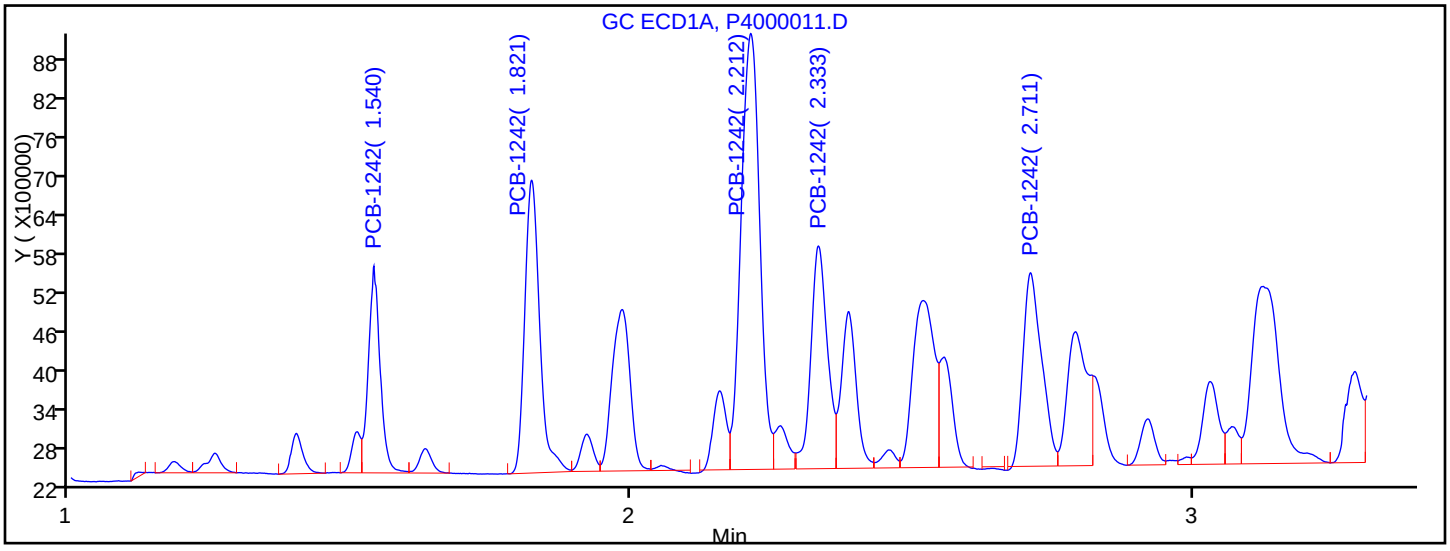
Injection Date:	15-Apr-2013 01:47:35	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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			

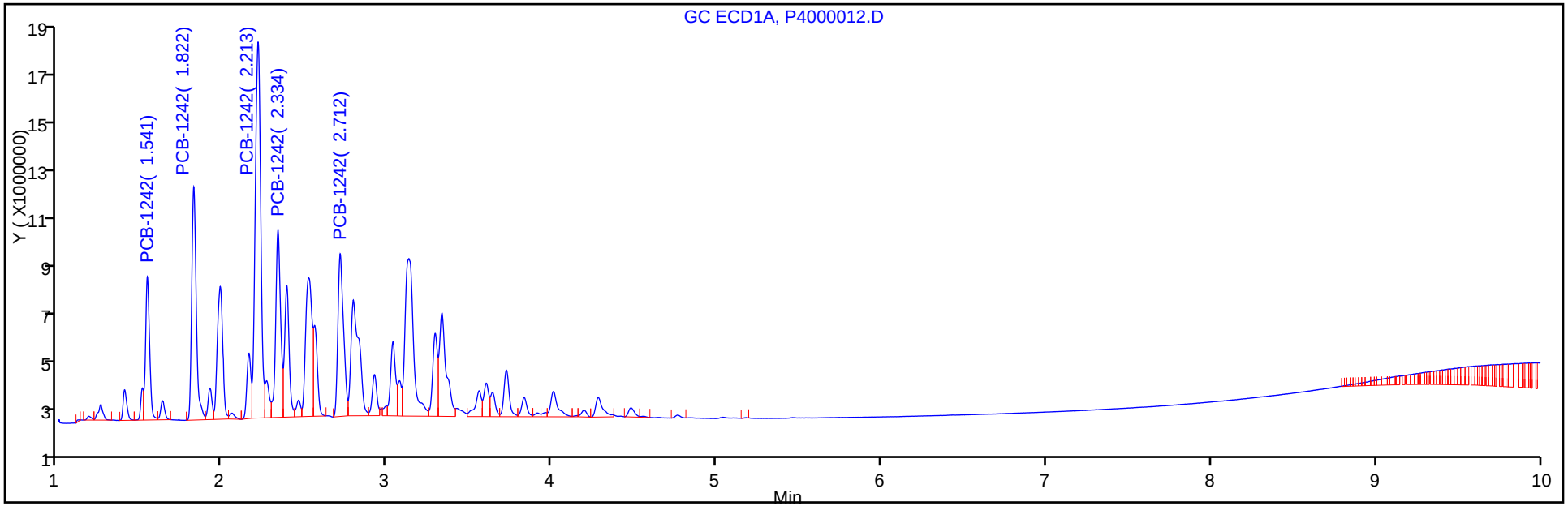
Report Date: 15-Apr-2013 13:04:48 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

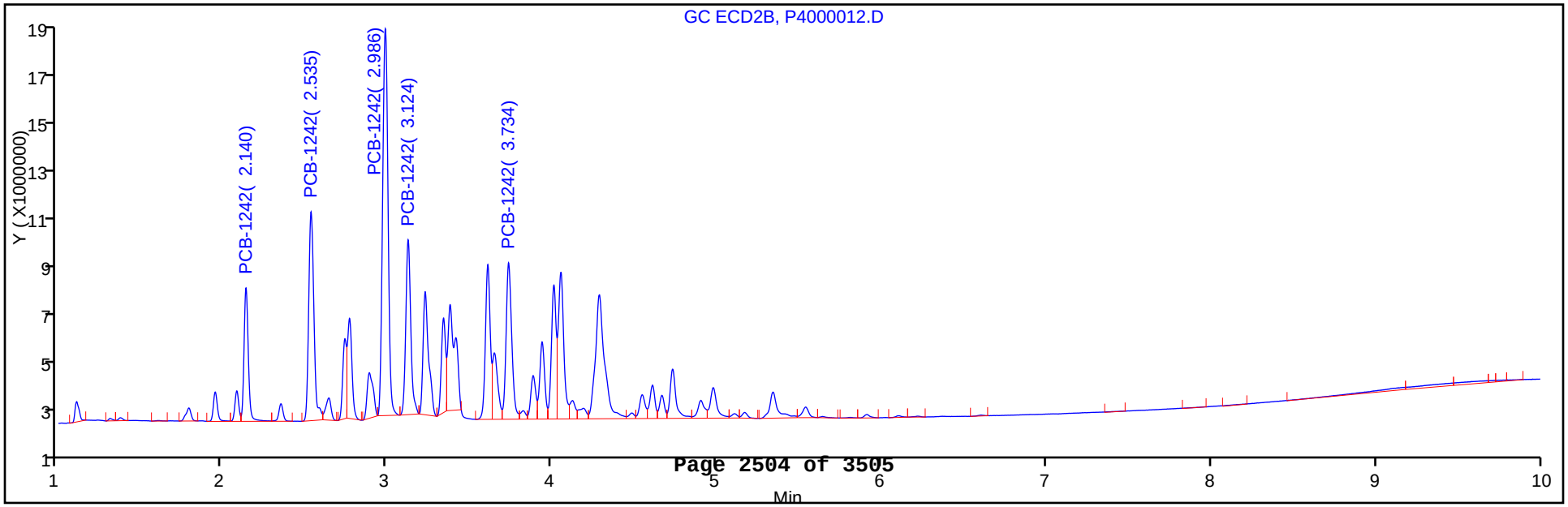
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000012.D

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			

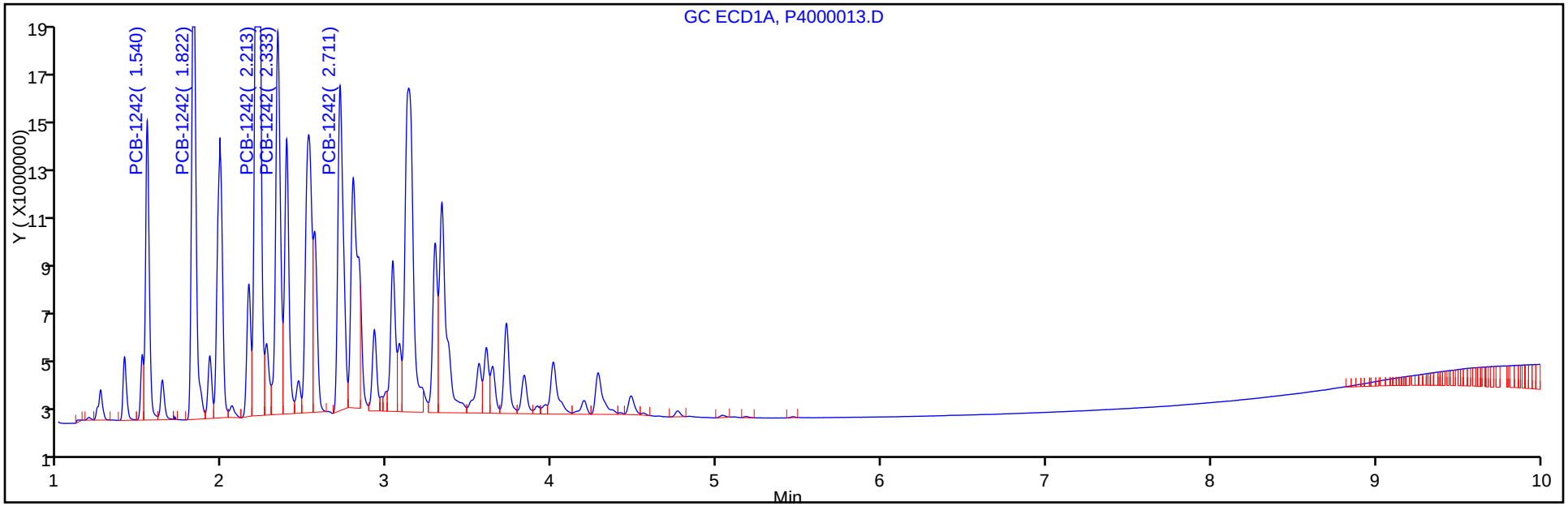
Report Date: 15-Apr-2013 13:04:49 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

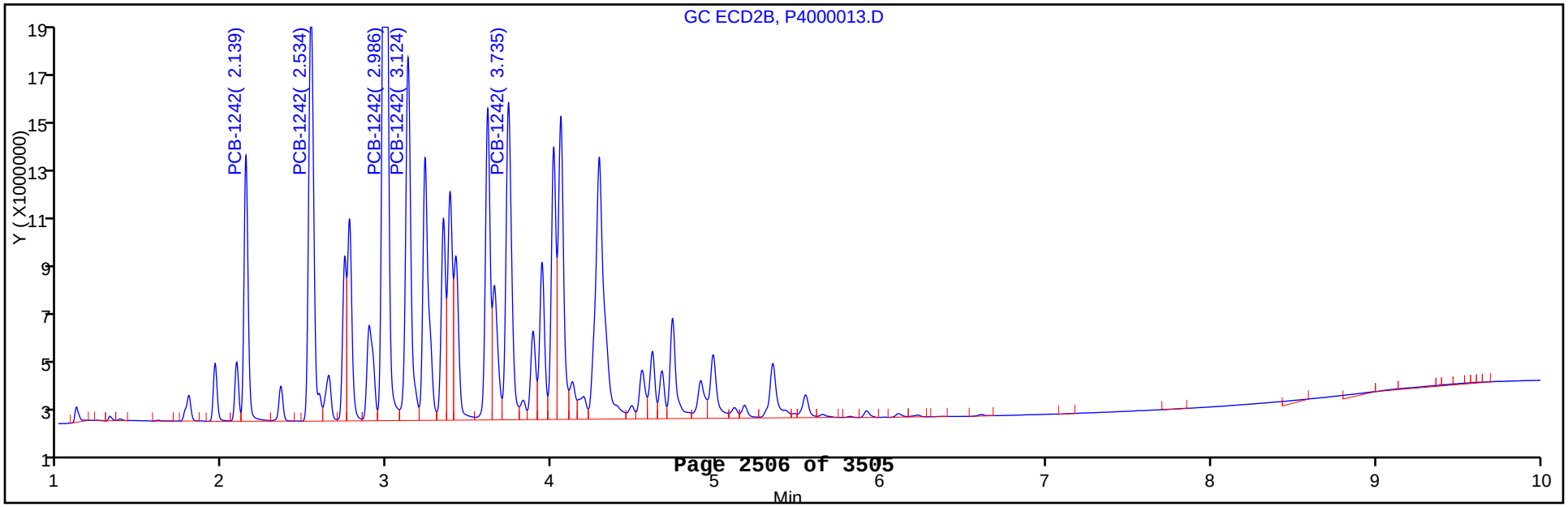
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000013.D

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

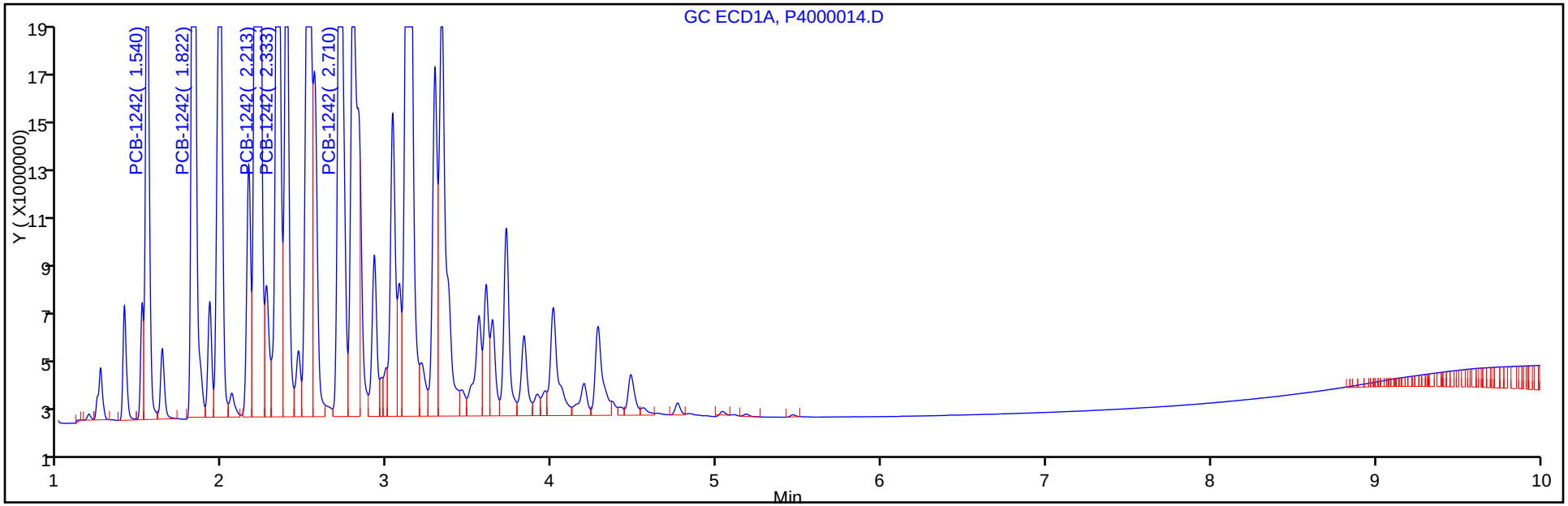
Report Date: 15-Apr-2013 13:04:50 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

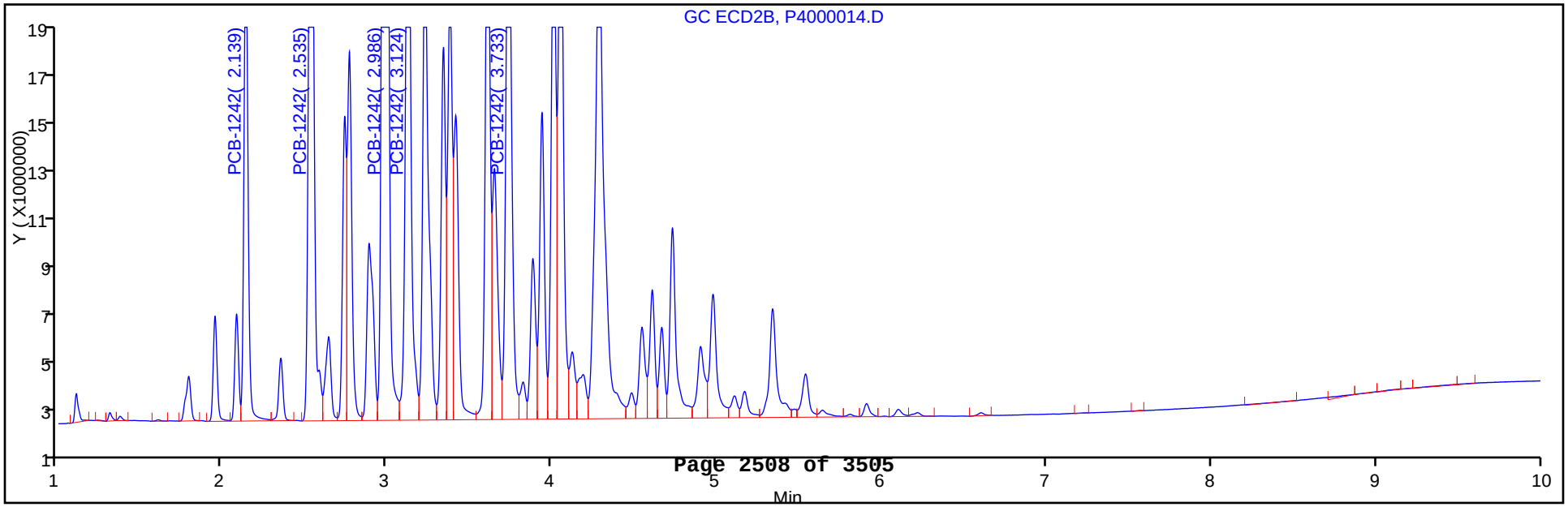
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000014.D

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



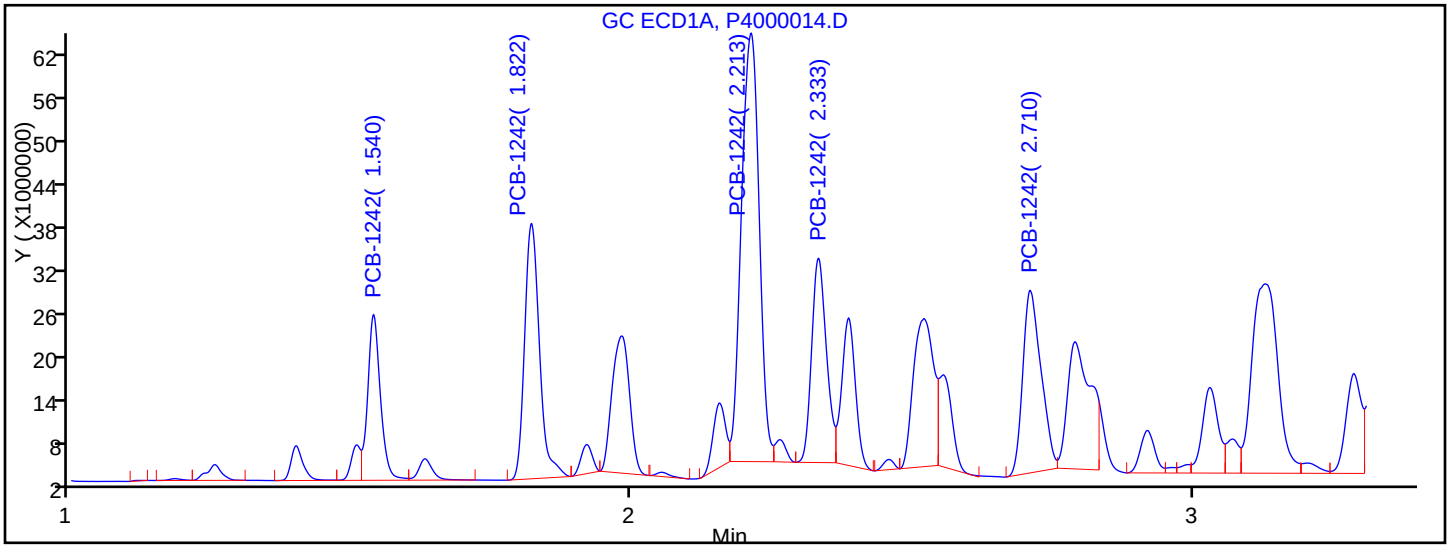
Report Date: 15-Apr-2013 13:04:51 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000014.D

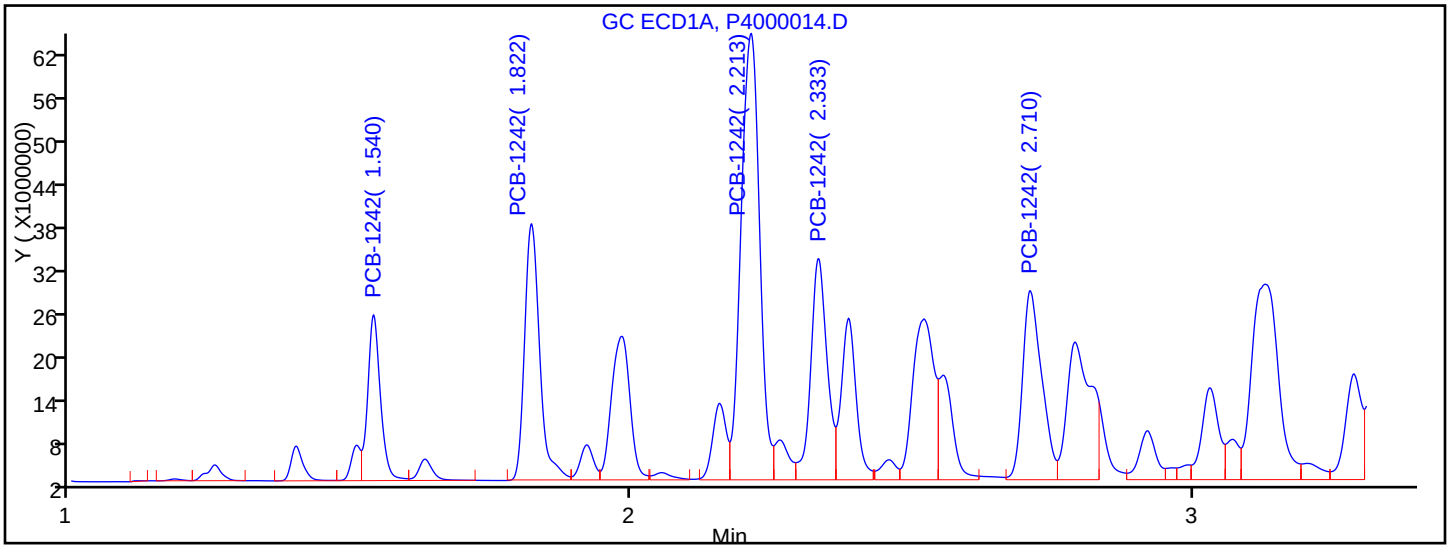
Injection Date:	15-Apr-2013 02:34:41	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	14
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-22663-1 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.: 240-22663-1 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.: 240-22663-1 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			

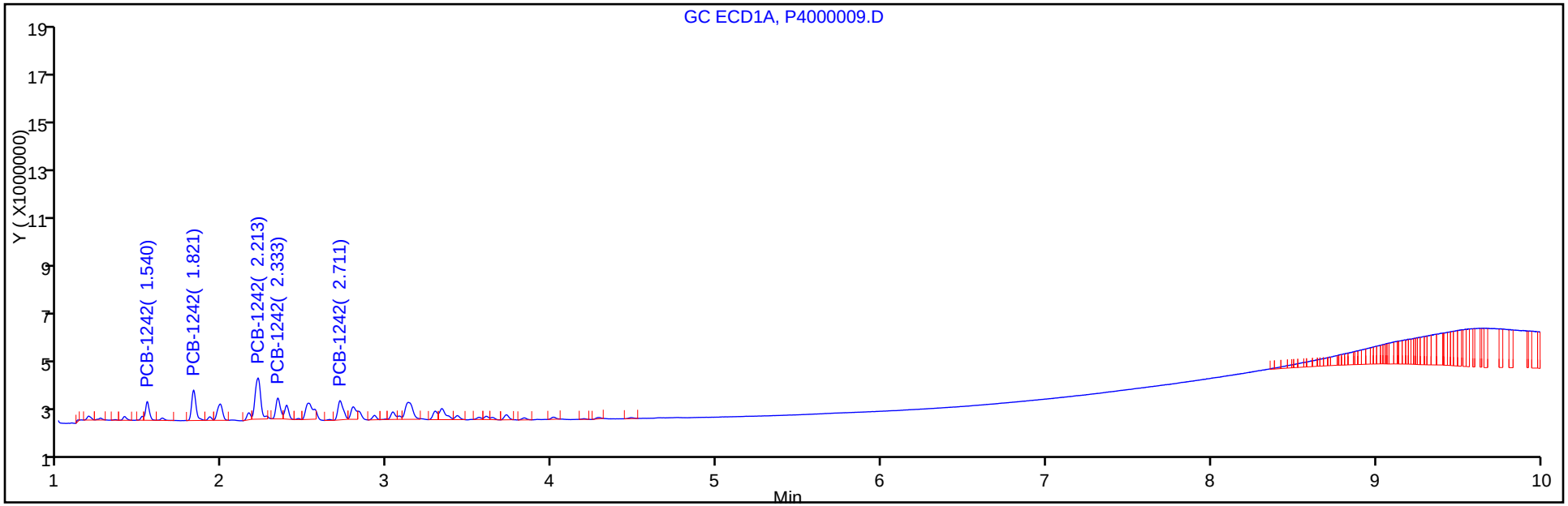
Report Date: 15-Apr-2013 13:04:43 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

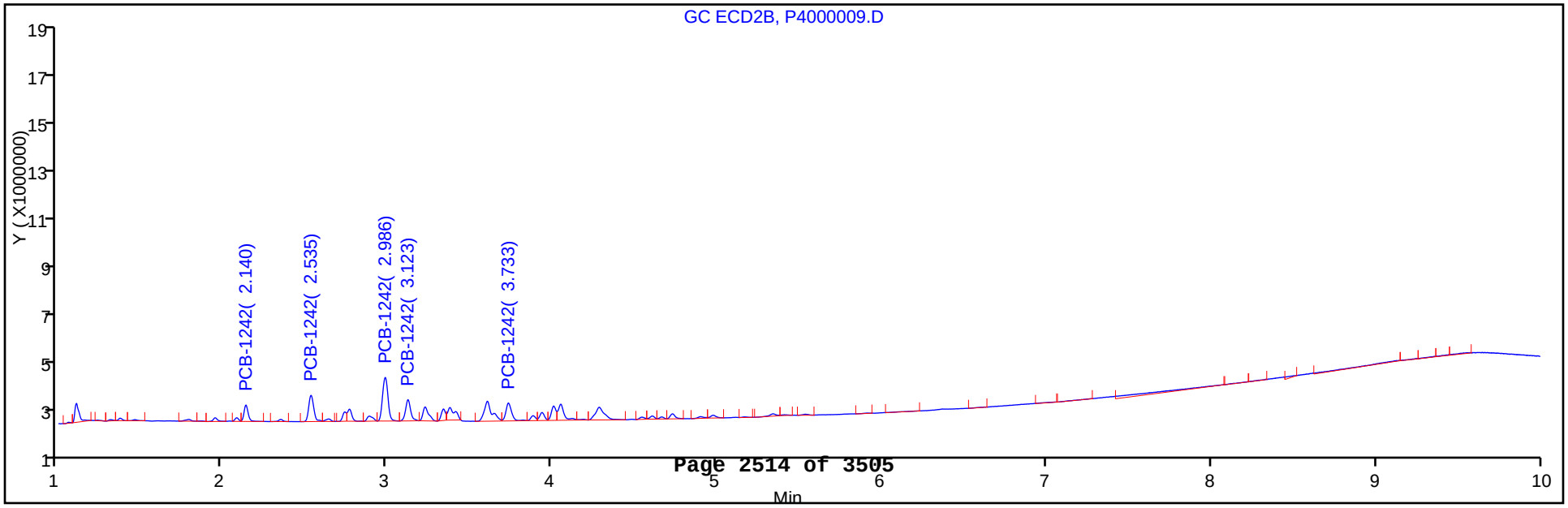
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000009.D

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			

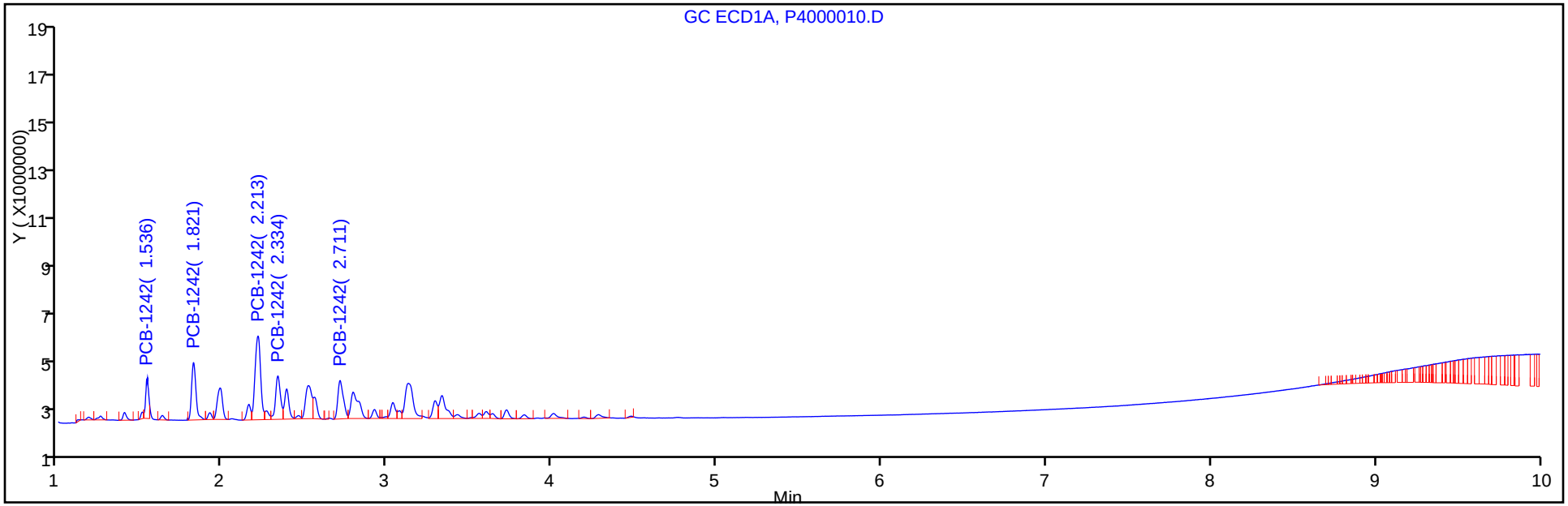
Report Date: 15-Apr-2013 13:04:45 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

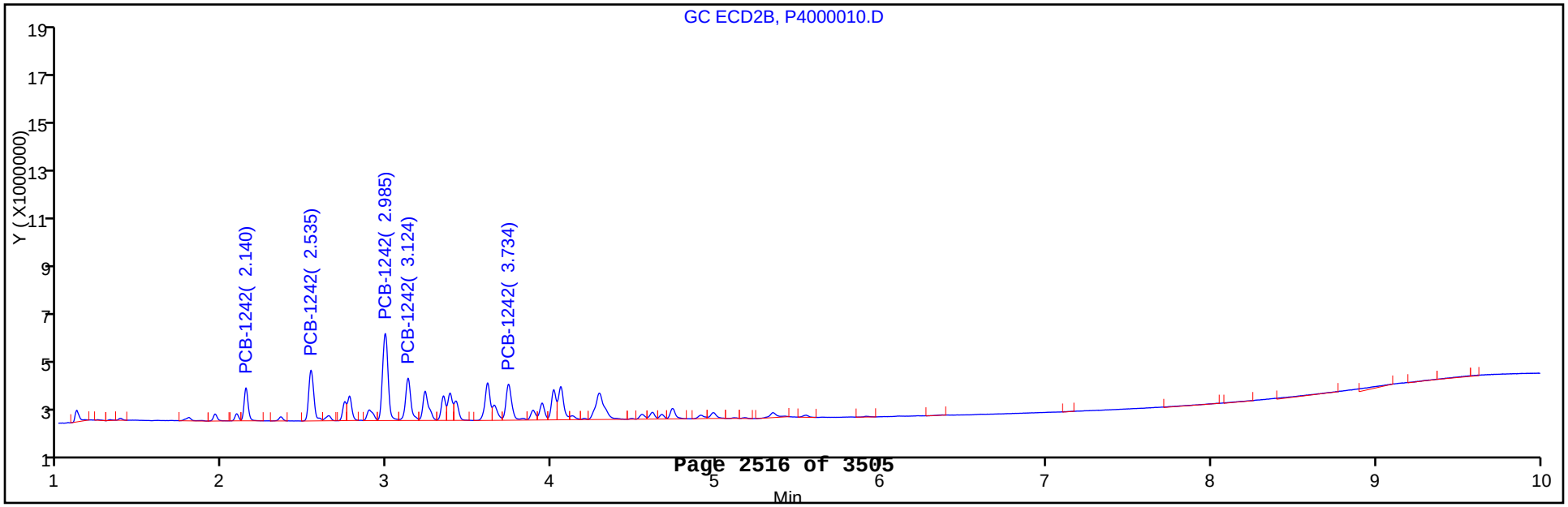
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000010.D

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

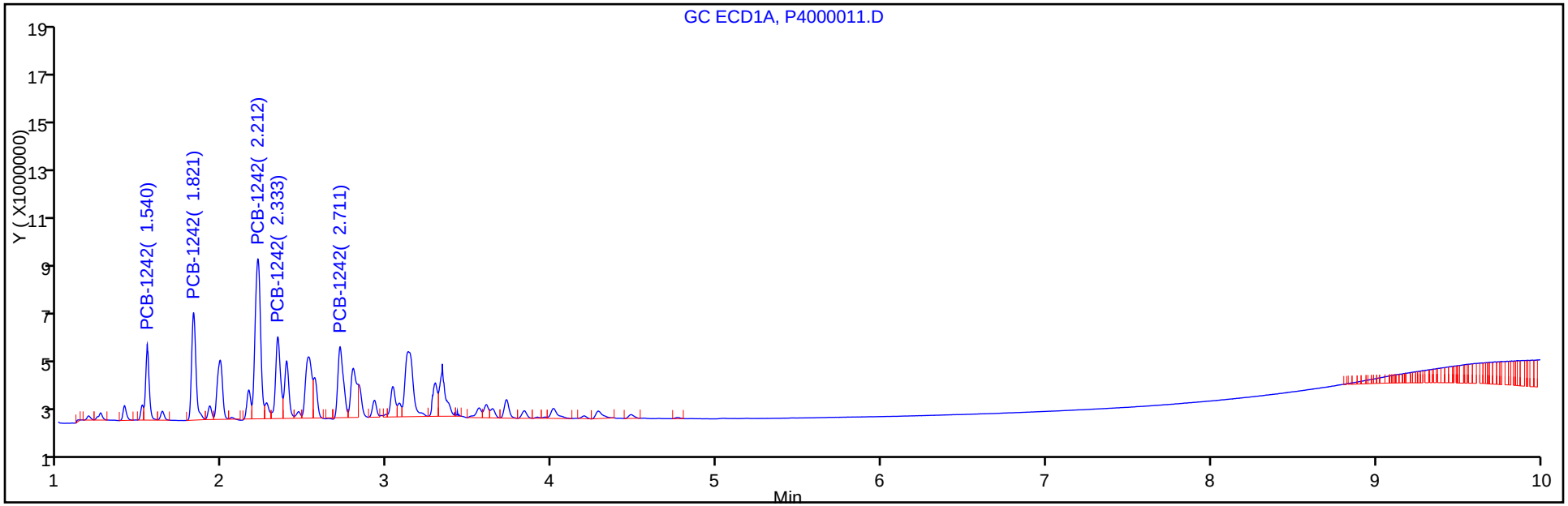
Report Date: 15-Apr-2013 13:04:46 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

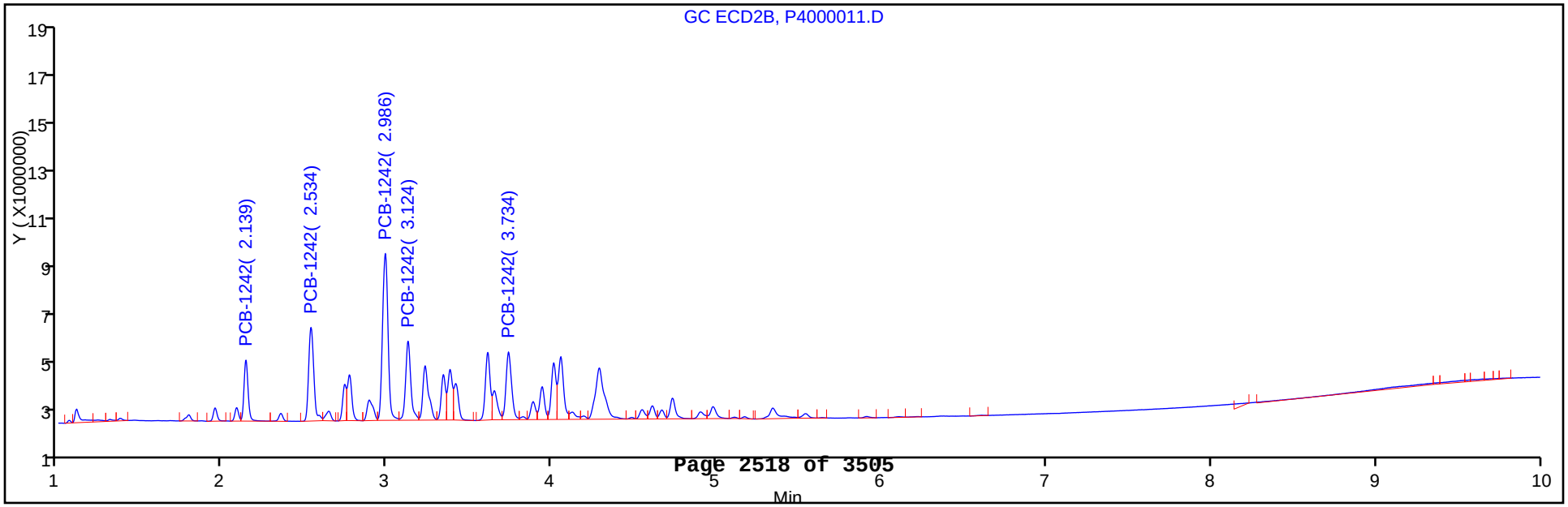
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000011.D

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			

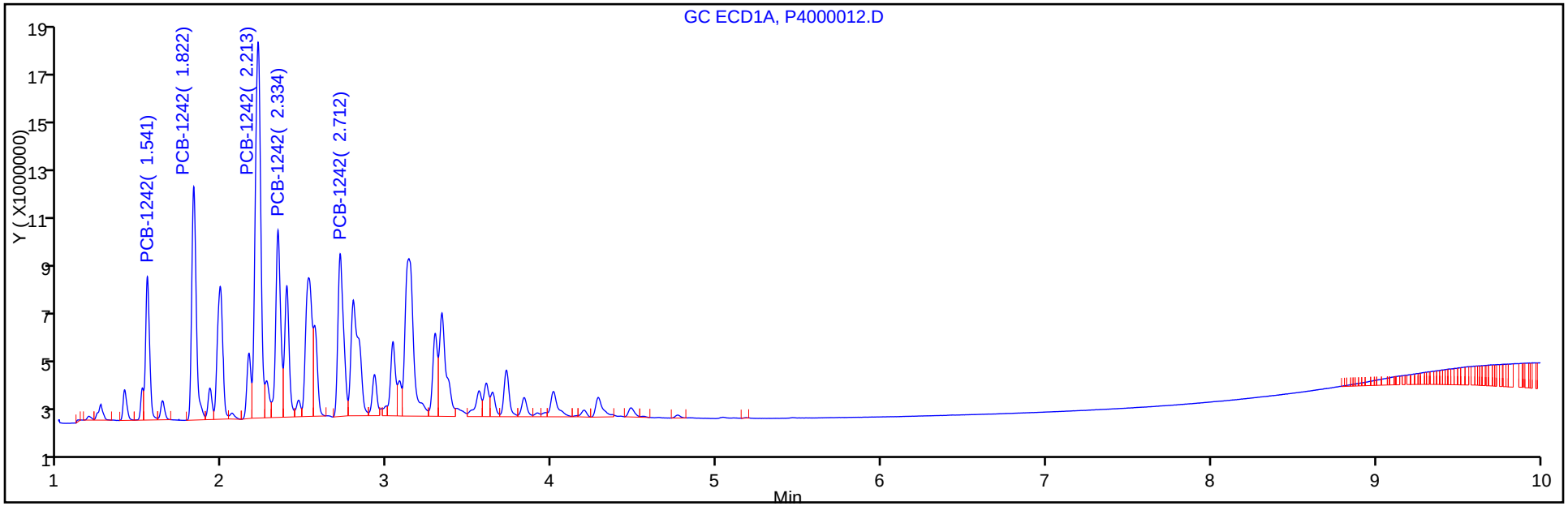
Report Date: 15-Apr-2013 13:04:48 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

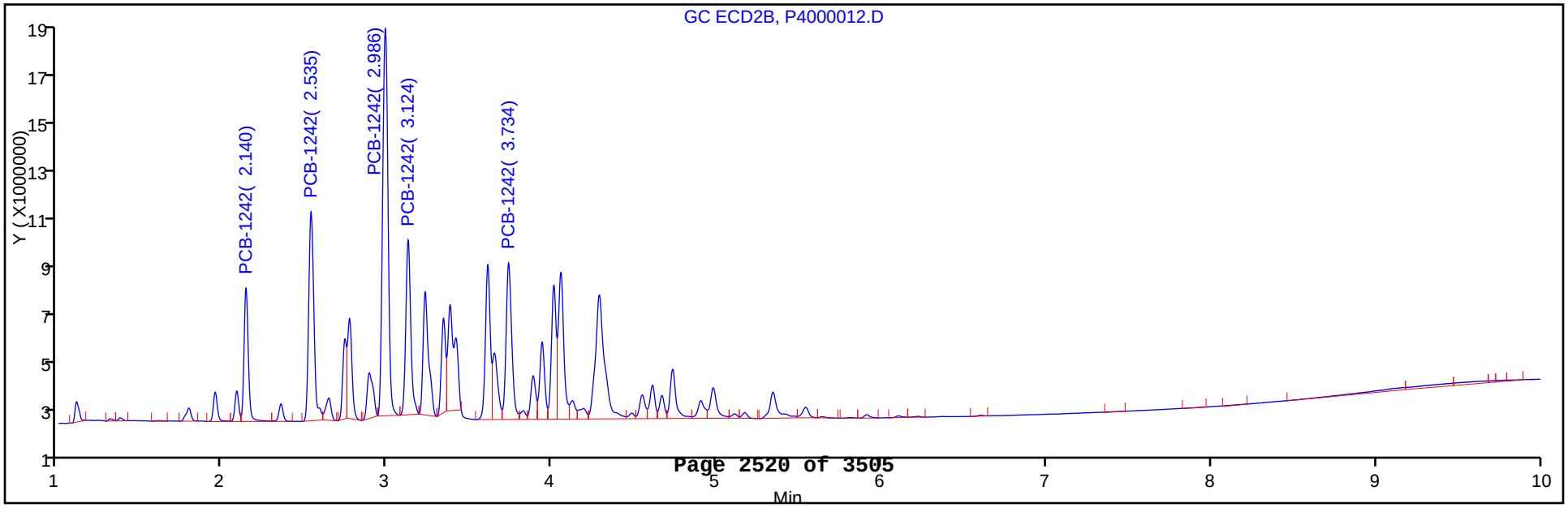
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000012.D

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			

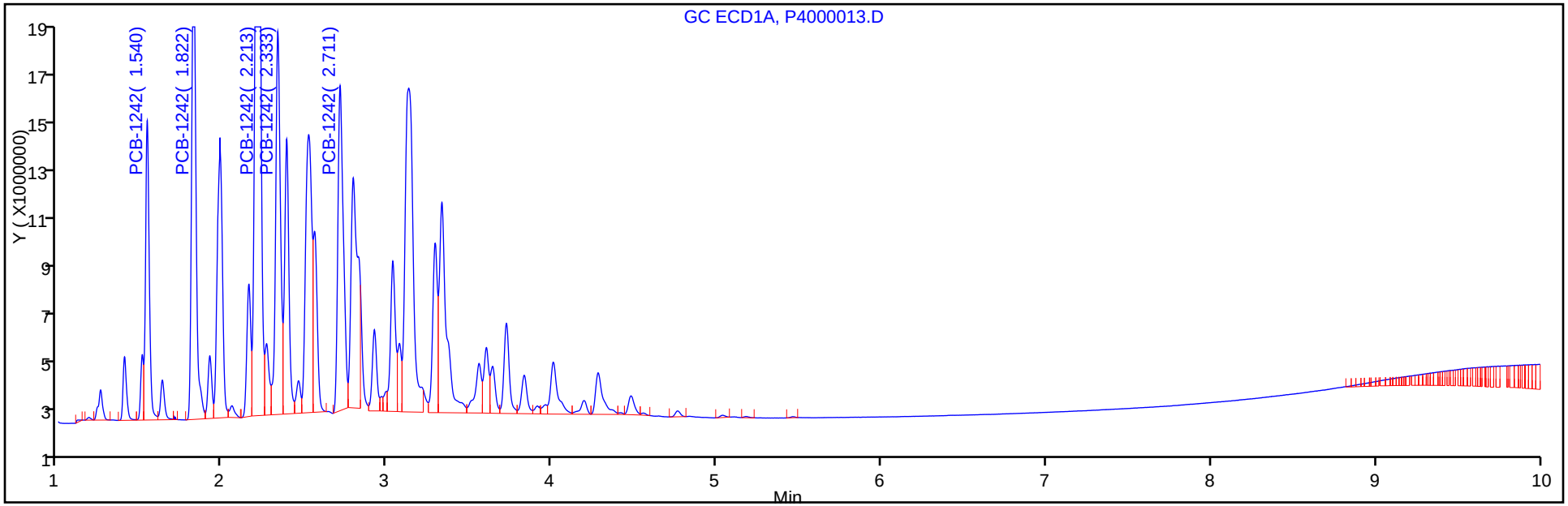
Report Date: 15-Apr-2013 13:04:49 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

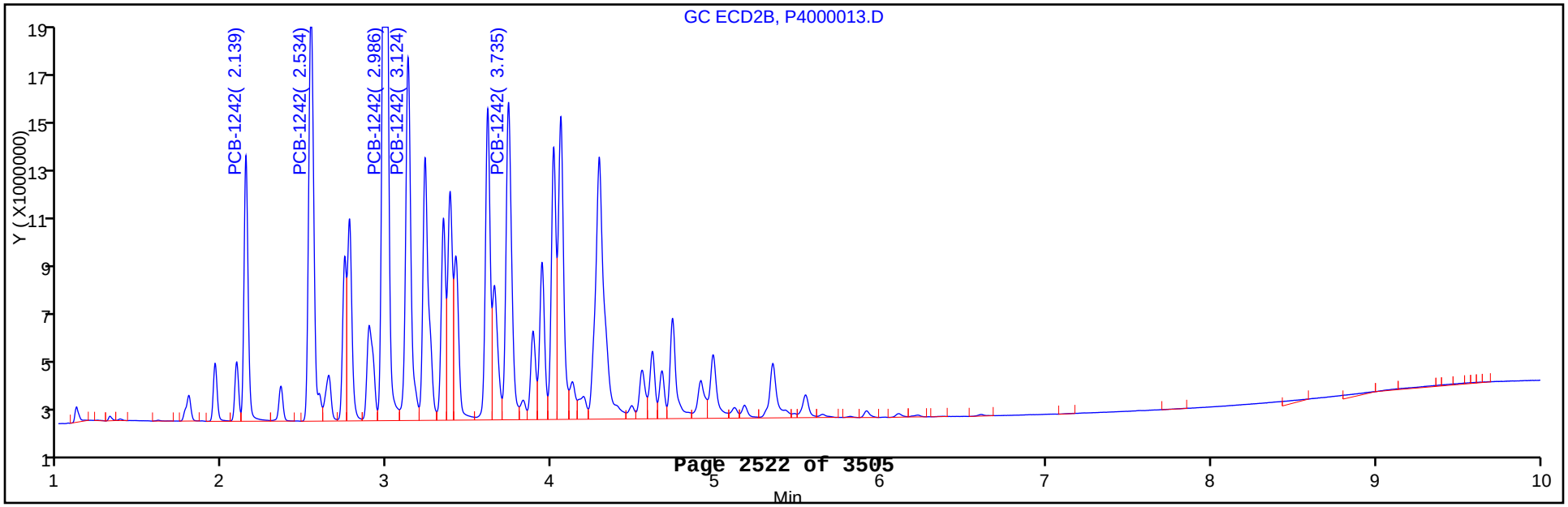
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000013.D

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

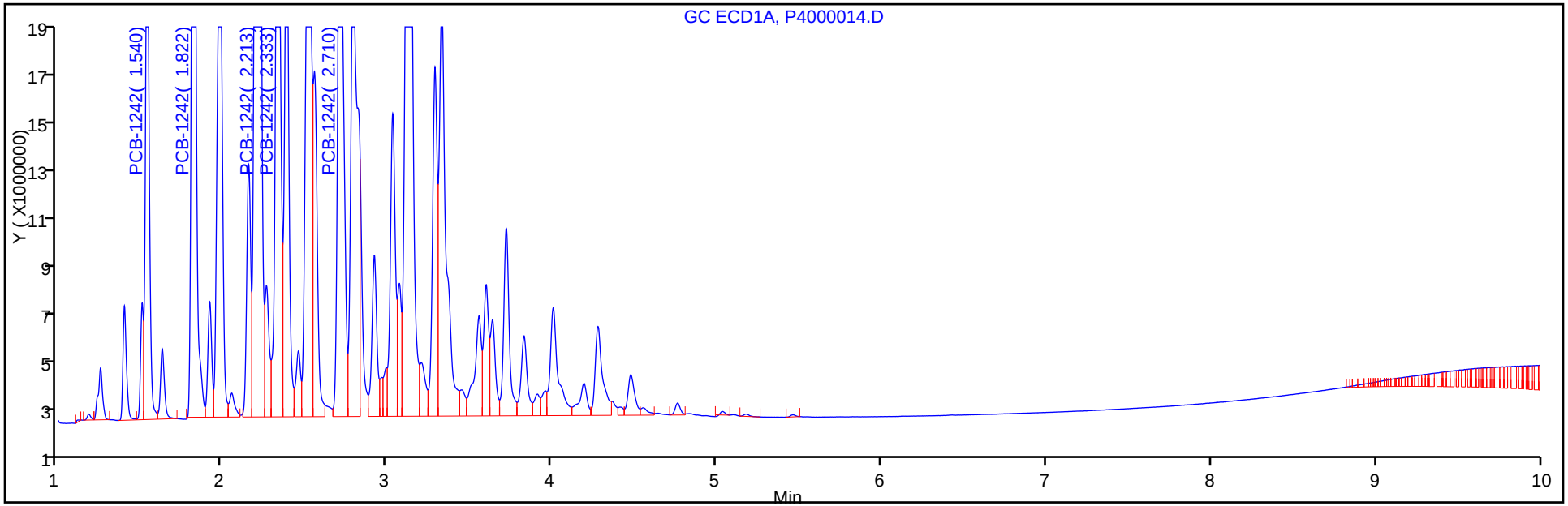
Report Date: 15-Apr-2013 13:04:51 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

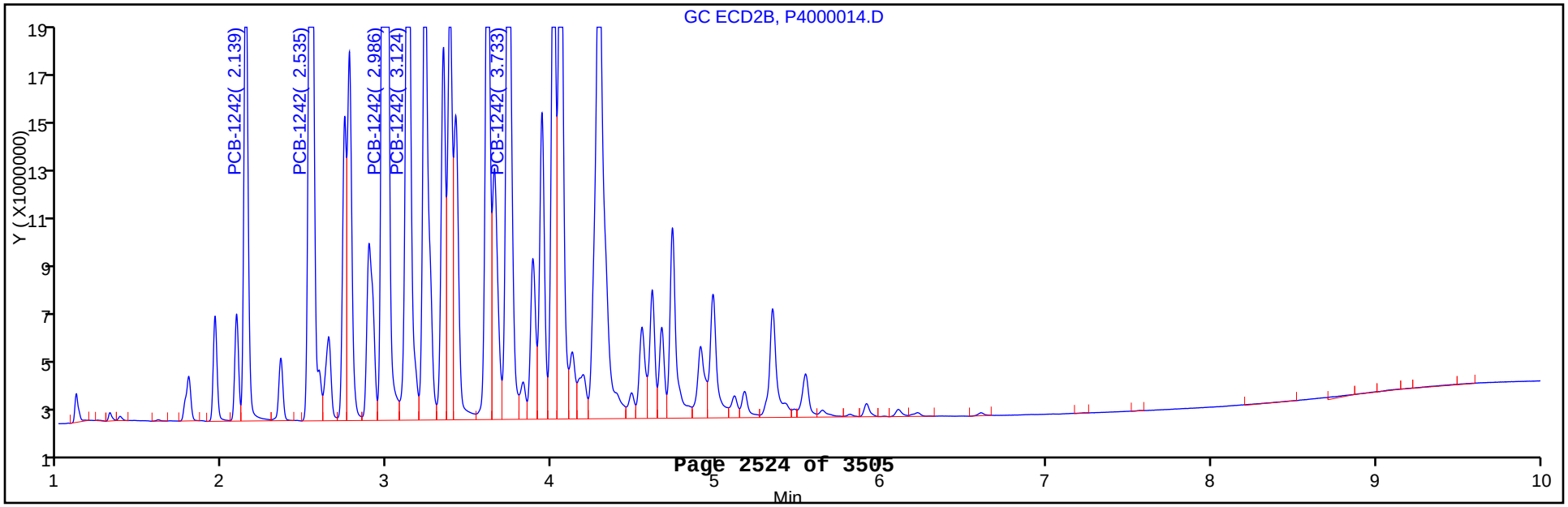
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000014.D

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.: 240-22663-1 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.: 240-22663-1 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.: 240-22663-1 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			

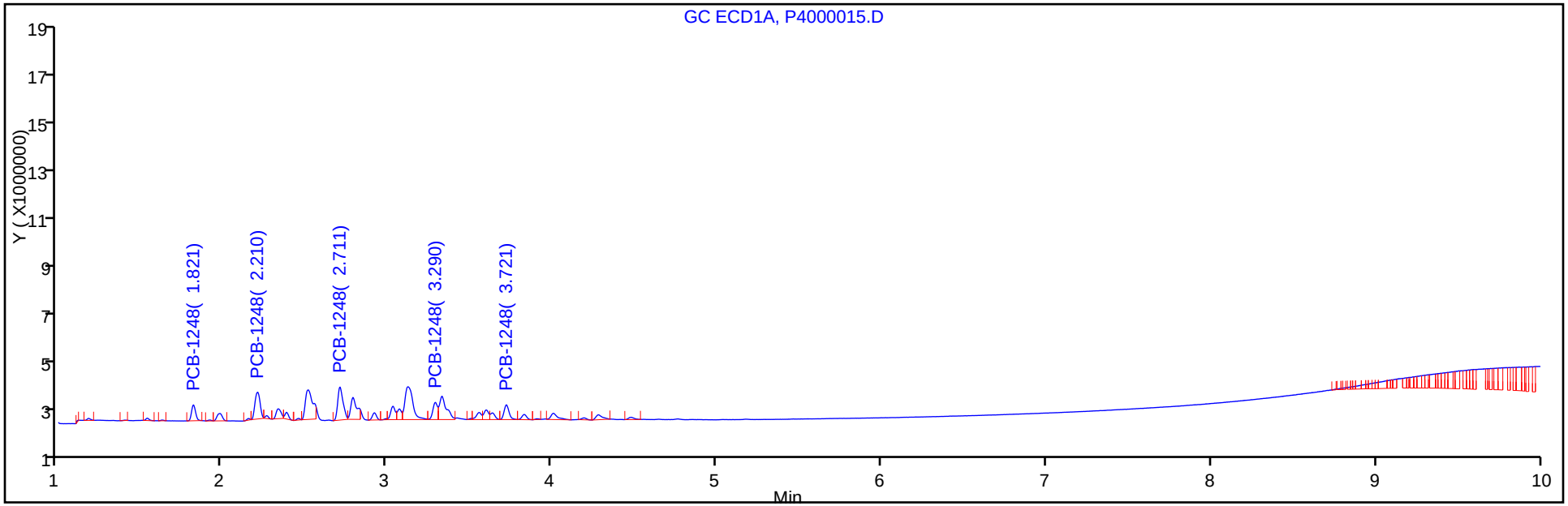
Report Date: 15-Apr-2013 13:04:52 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

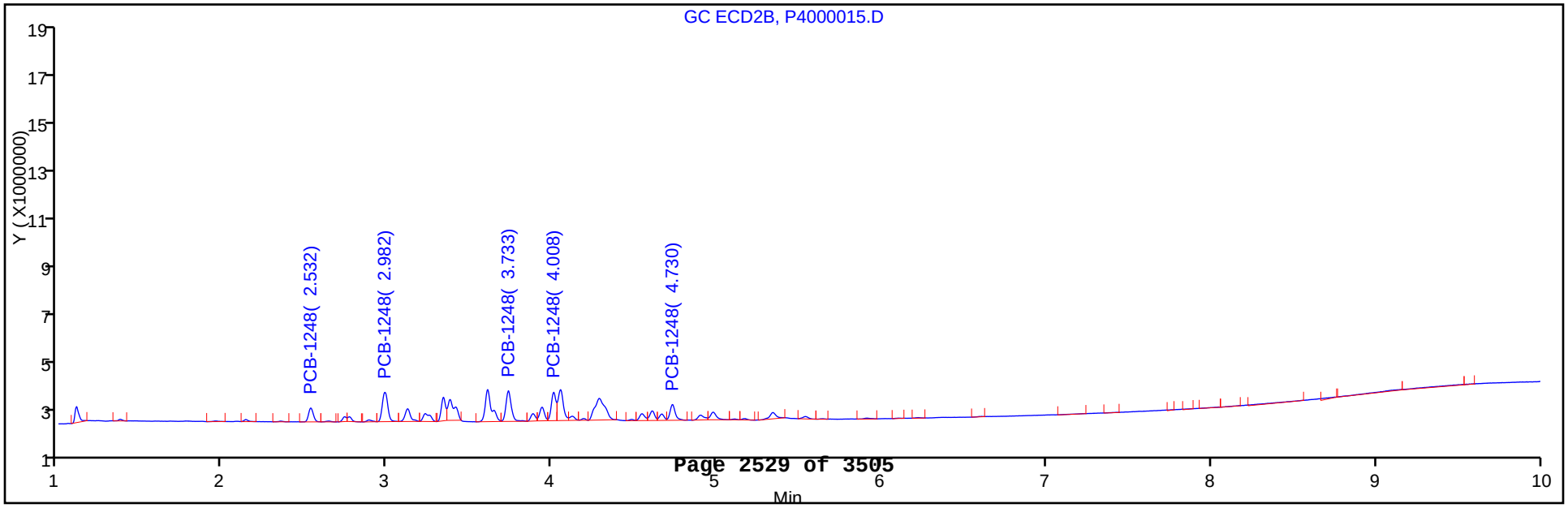
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Injection Date:	15-Apr-2013 02:50:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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			

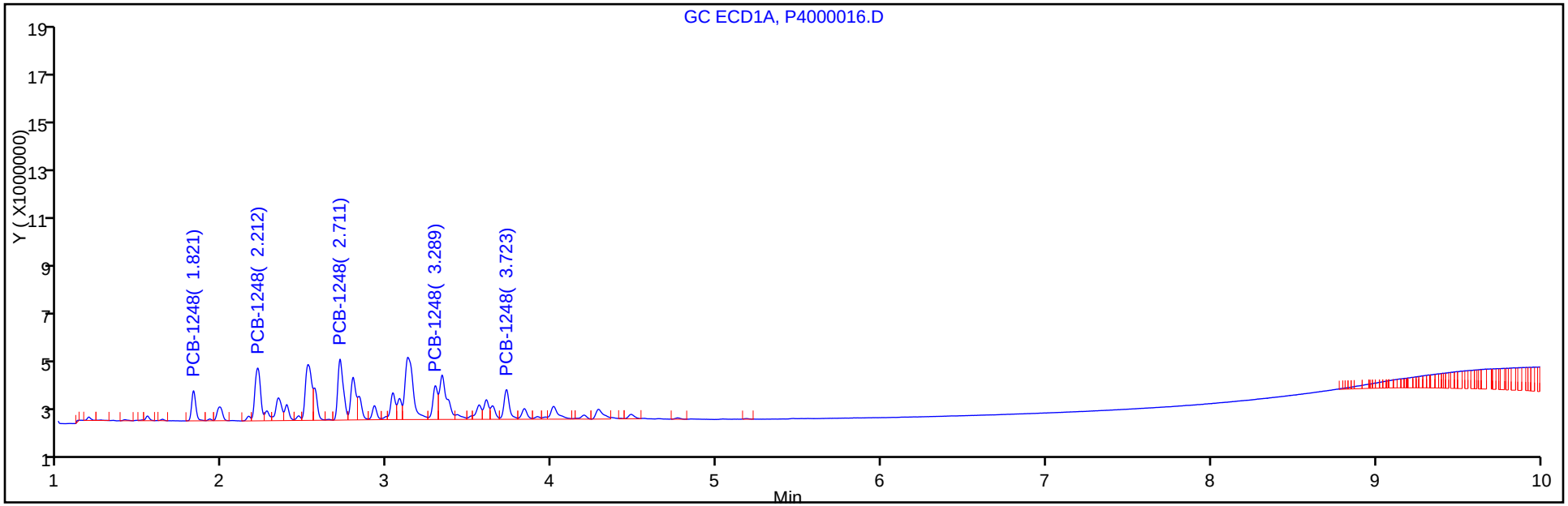
Report Date: 15-Apr-2013 13:04:53 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

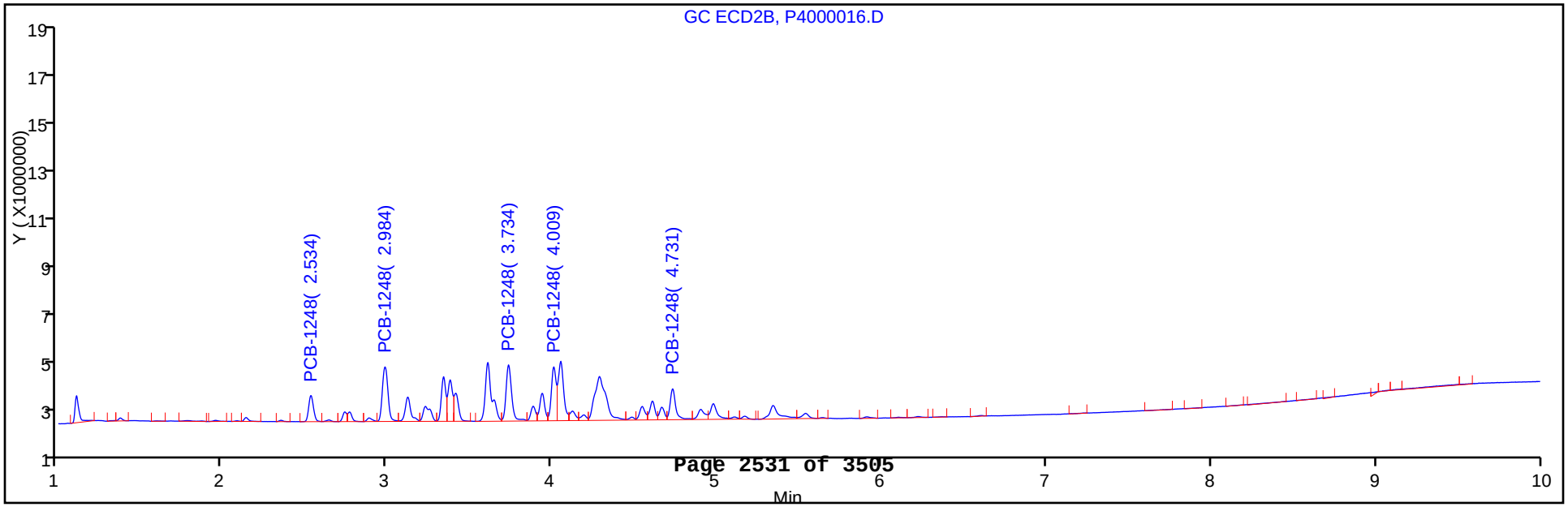
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000016.D

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			

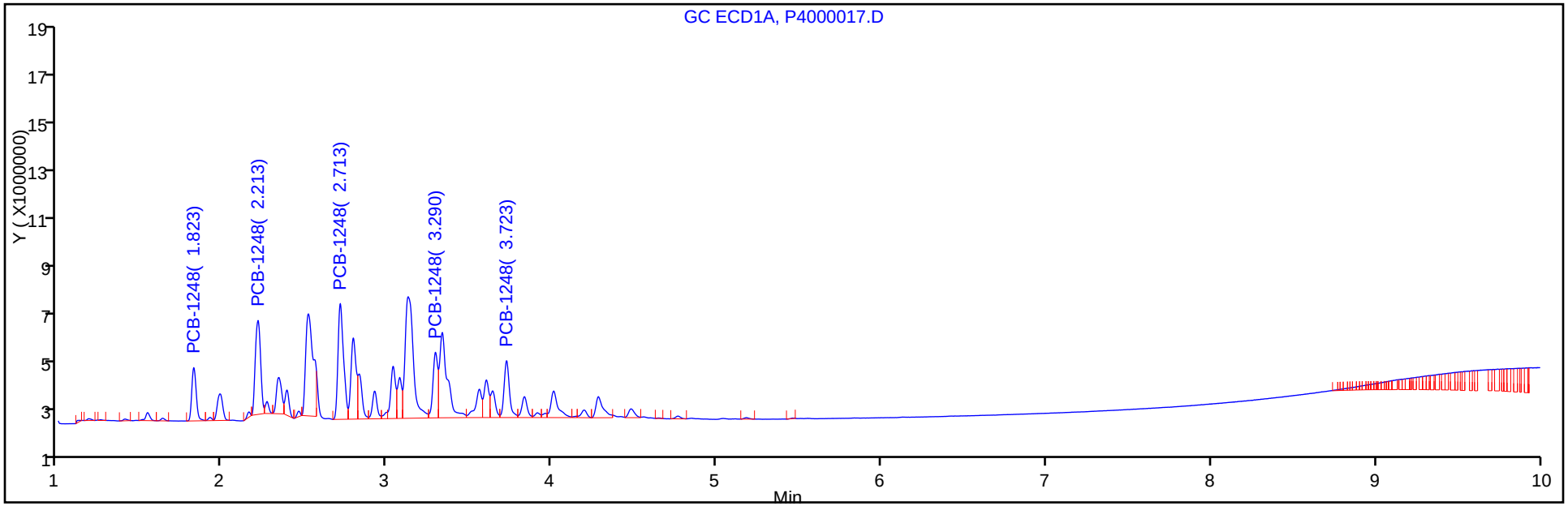
Report Date: 15-Apr-2013 13:04:55 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

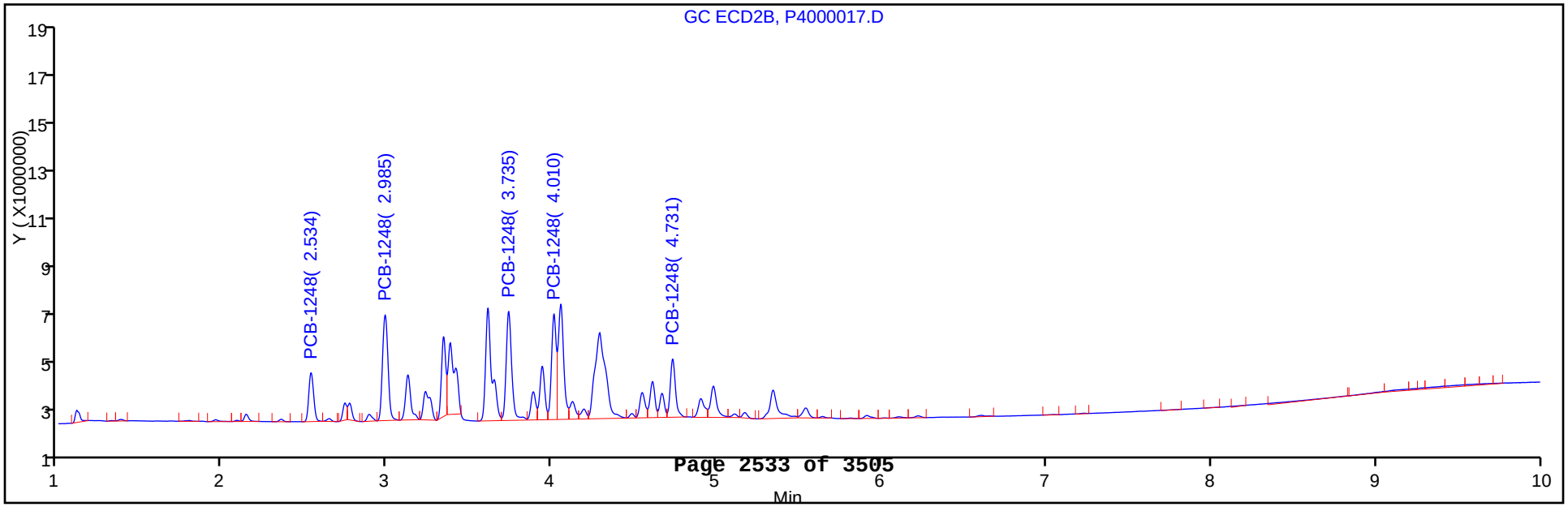
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Injection Date:	15-Apr-2013 03:21:46	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	17
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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			

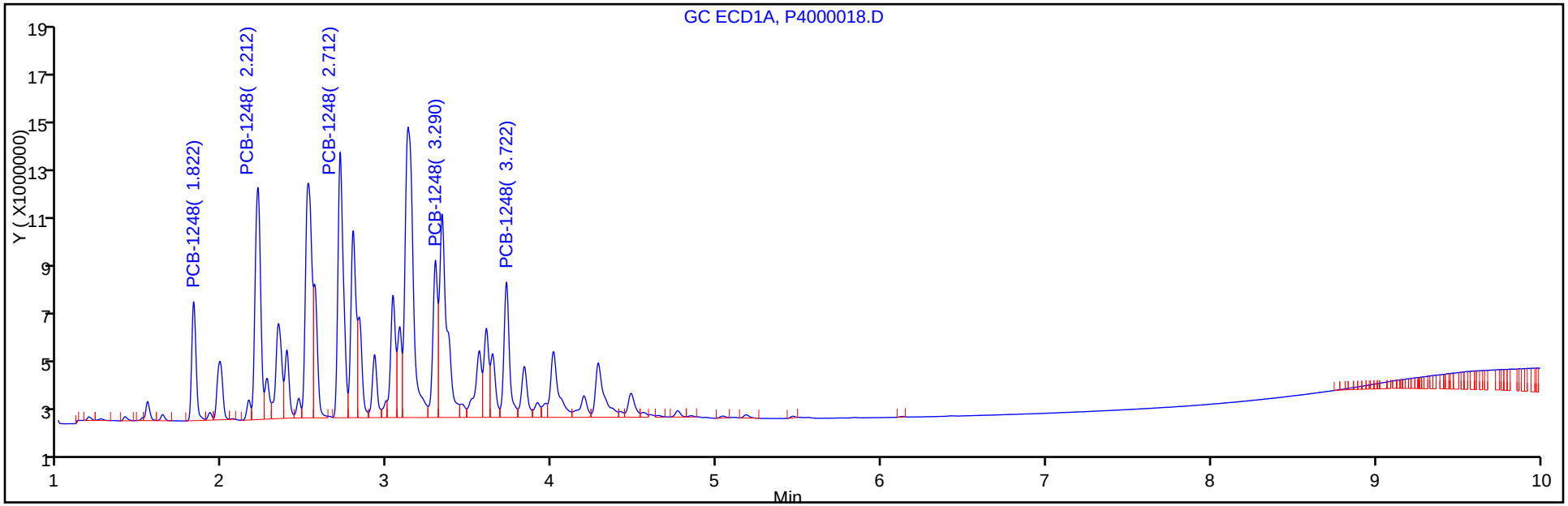
Report Date: 15-Apr-2013 13:04:56 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

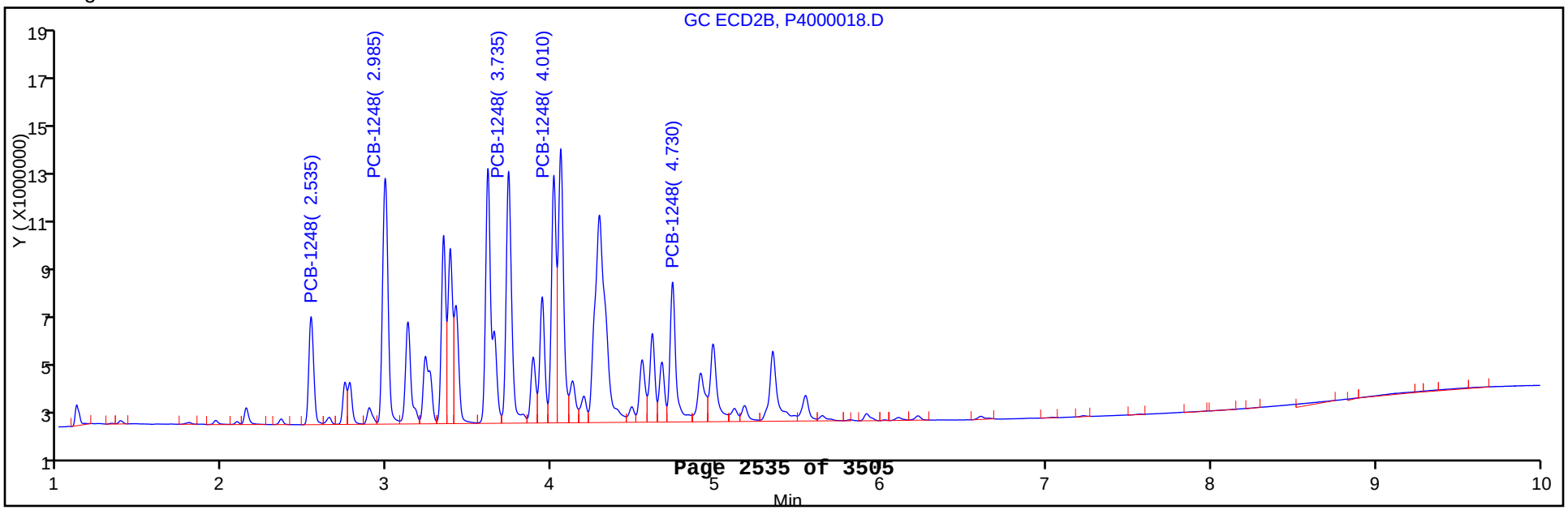
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000018.D

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			

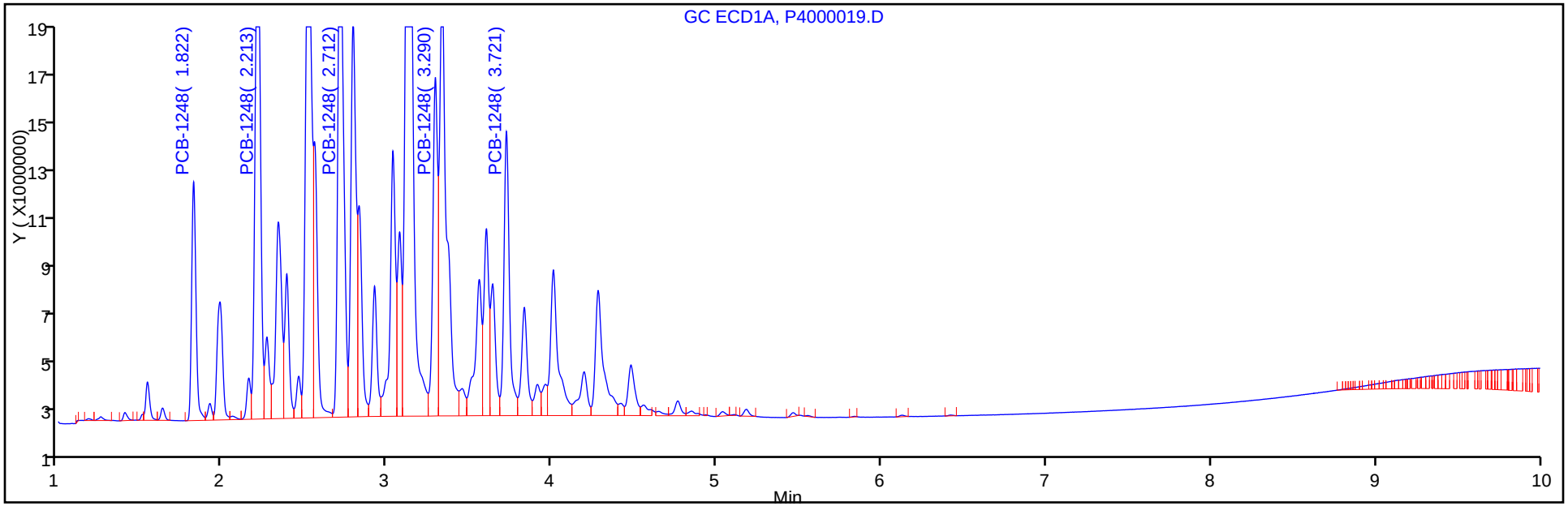
Report Date: 15-Apr-2013 13:04:57 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

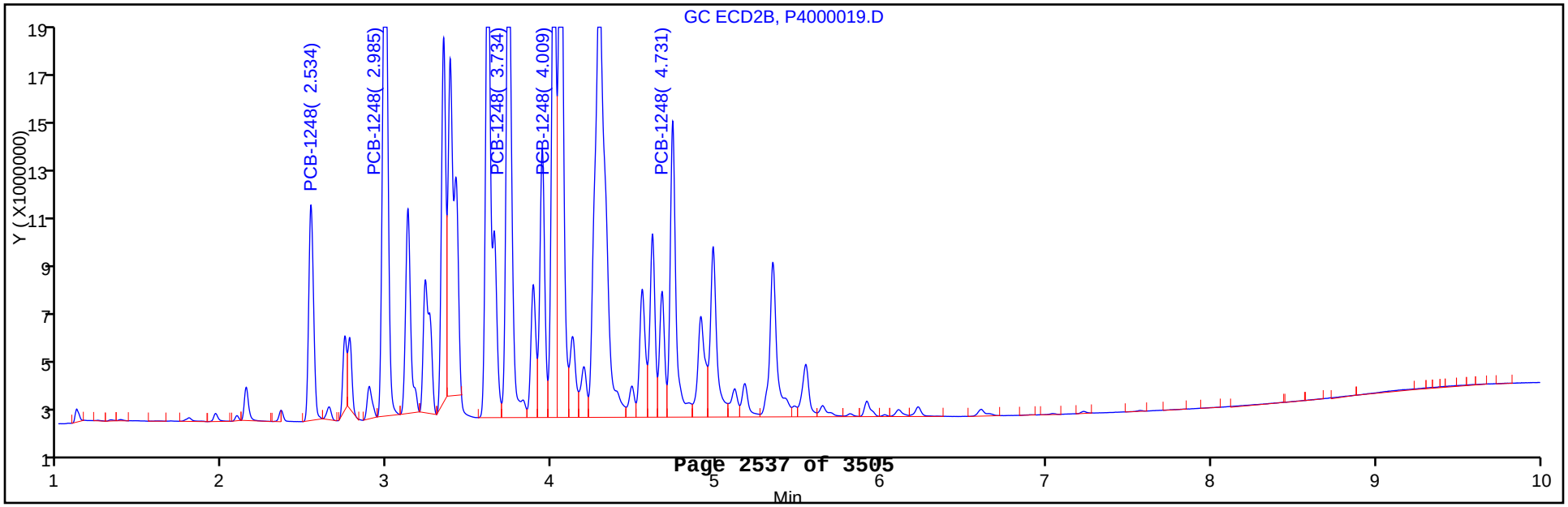
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000019.D

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			

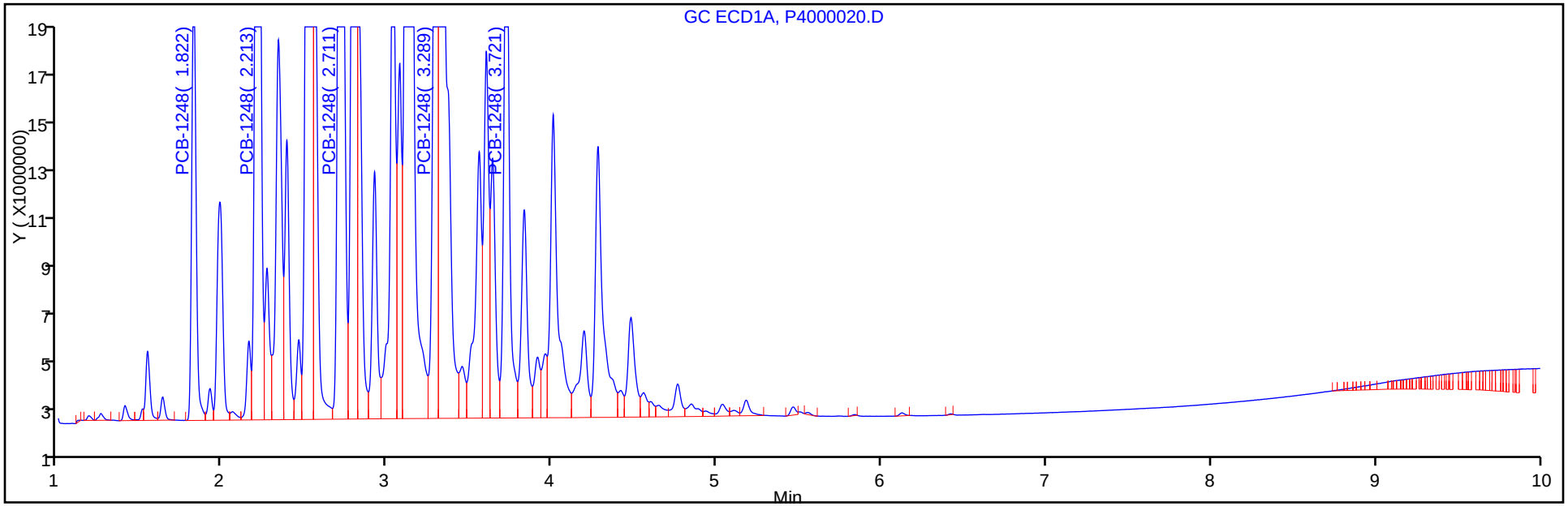
Report Date: 15-Apr-2013 13:04:59 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

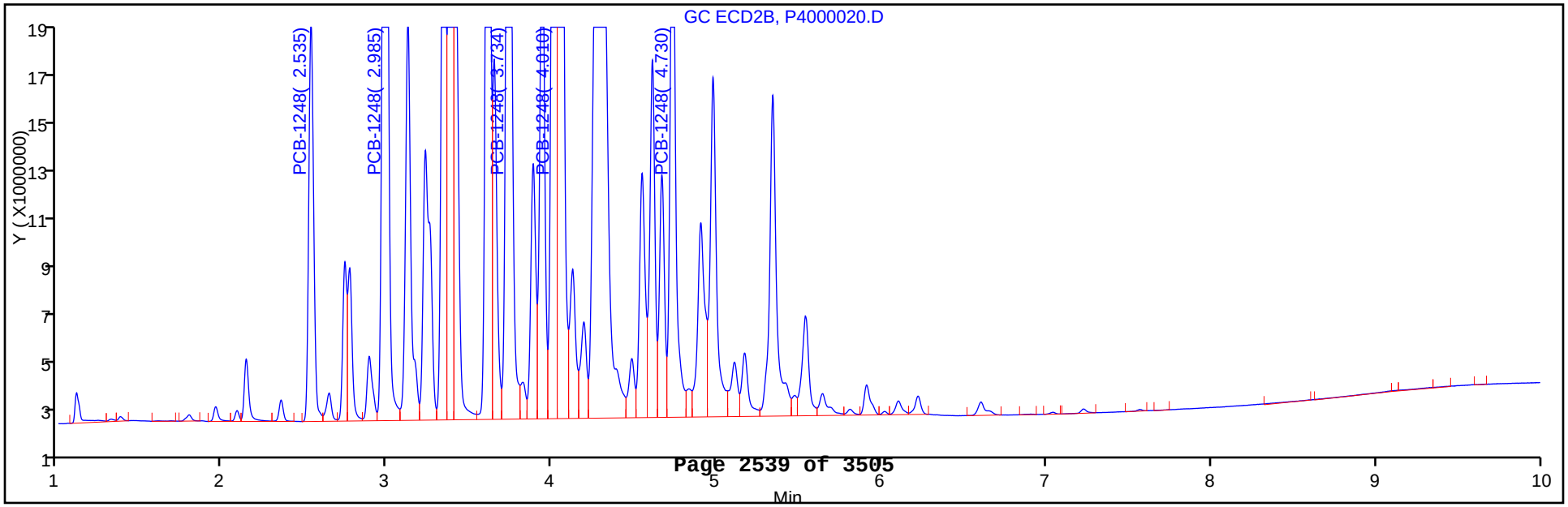
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000020.D

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.: 240-22663-1 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.: 240-22663-1 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.: 240-22663-1 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			

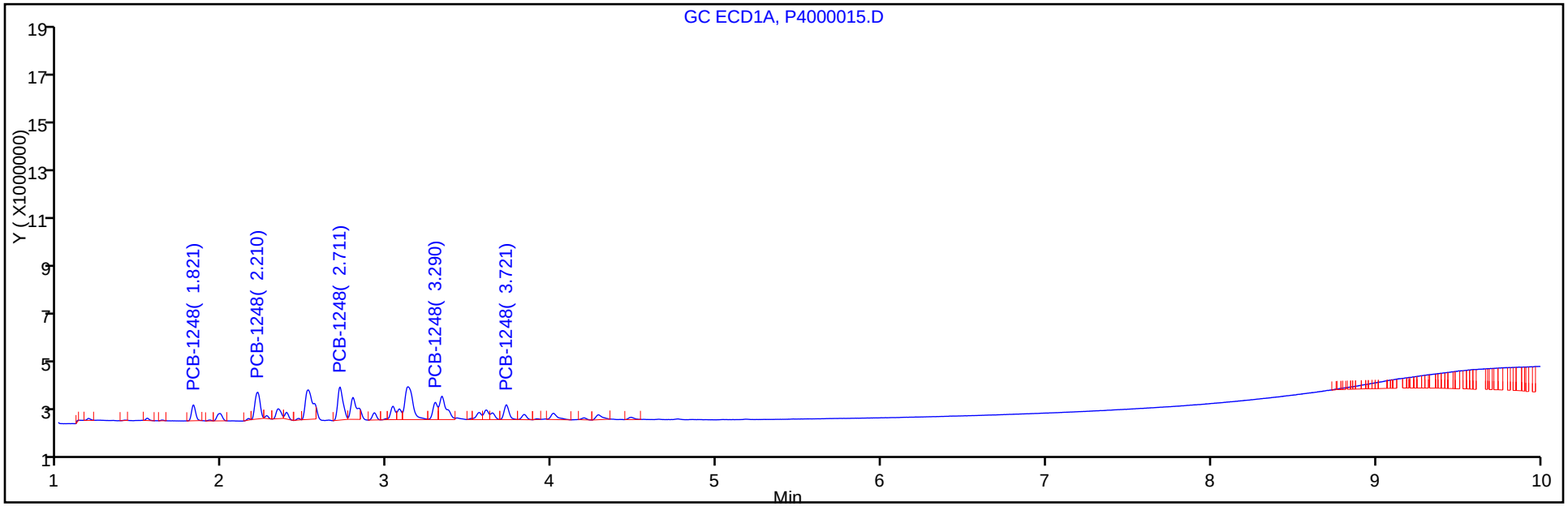
Report Date: 15-Apr-2013 13:04:52 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

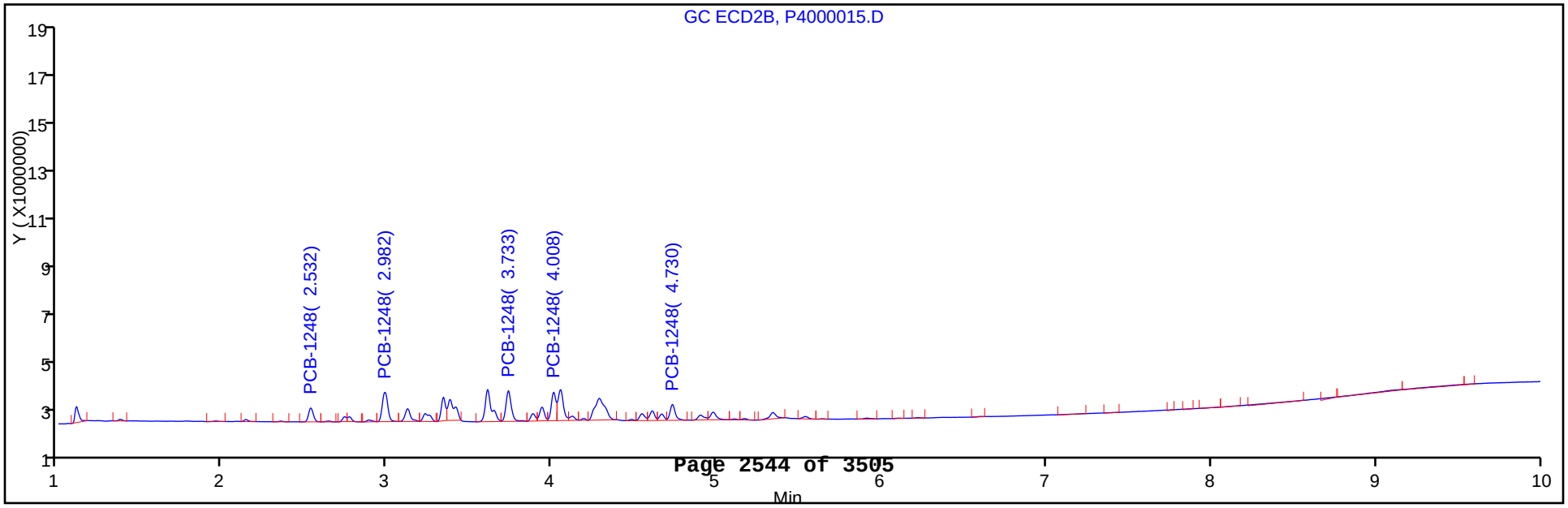
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Injection Date:	15-Apr-2013 02:50:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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			

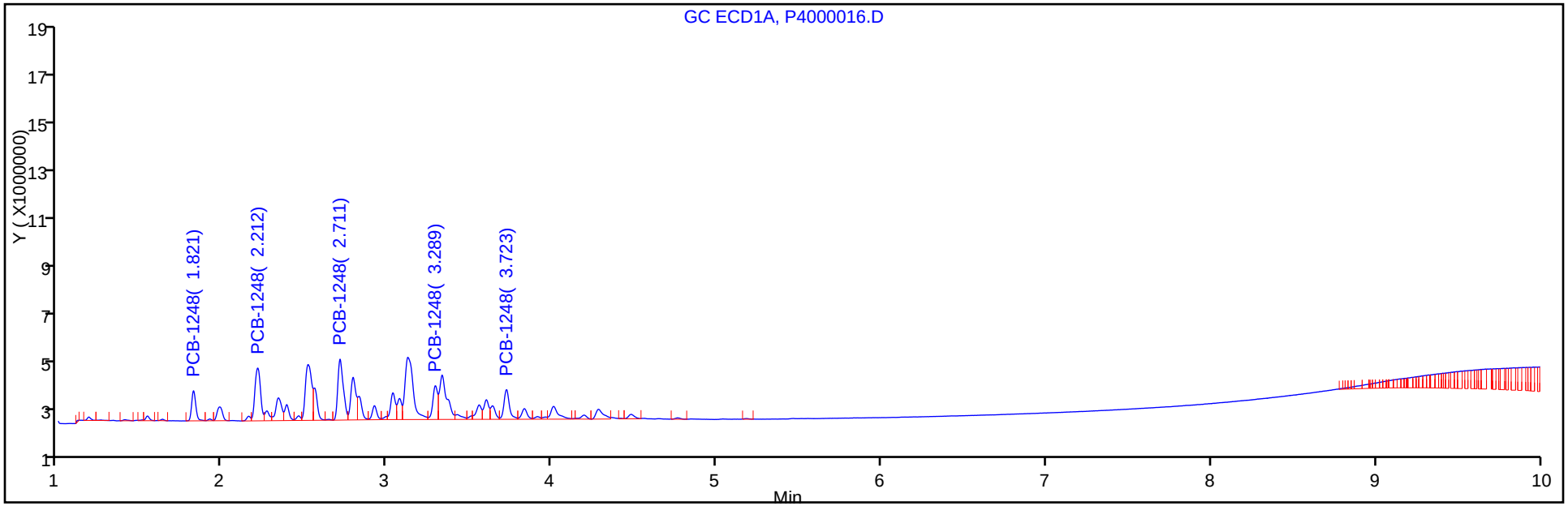
Report Date: 15-Apr-2013 13:04:53 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

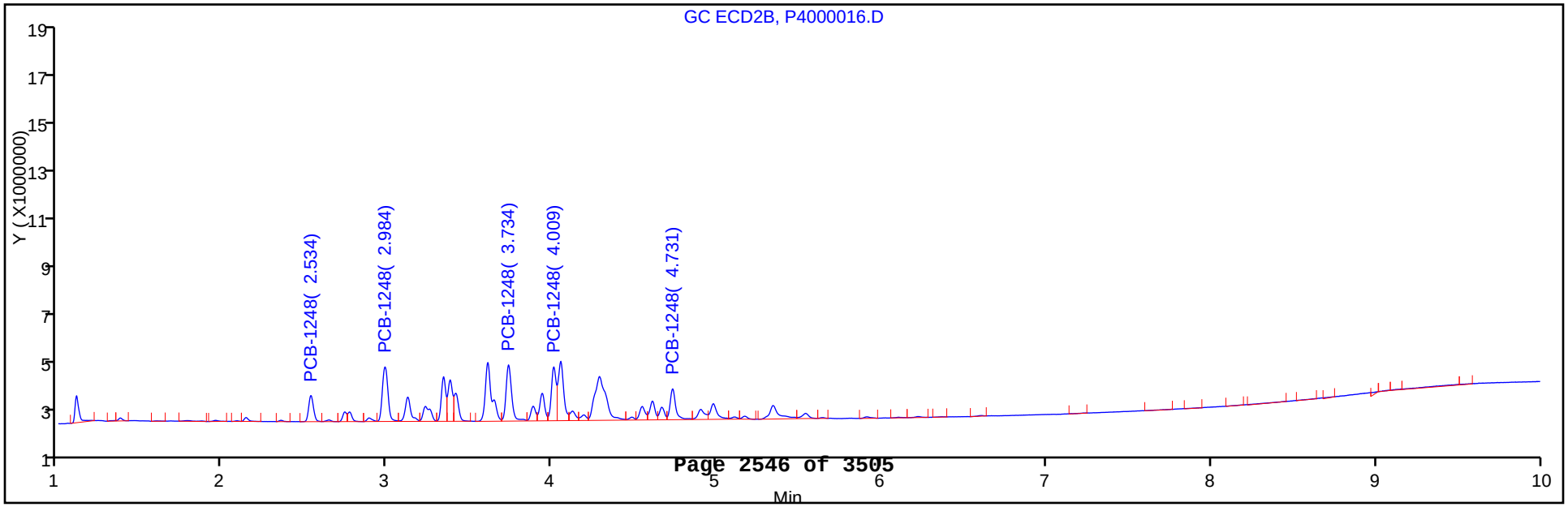
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000016.D

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			

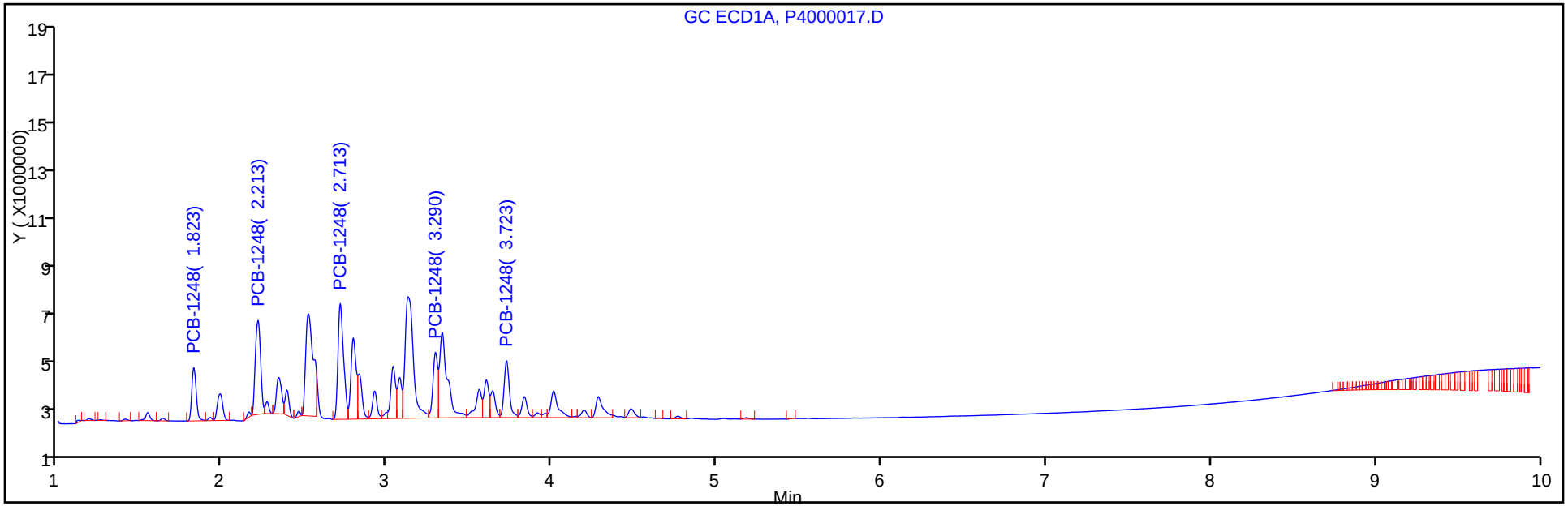
Report Date: 15-Apr-2013 13:04:55 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

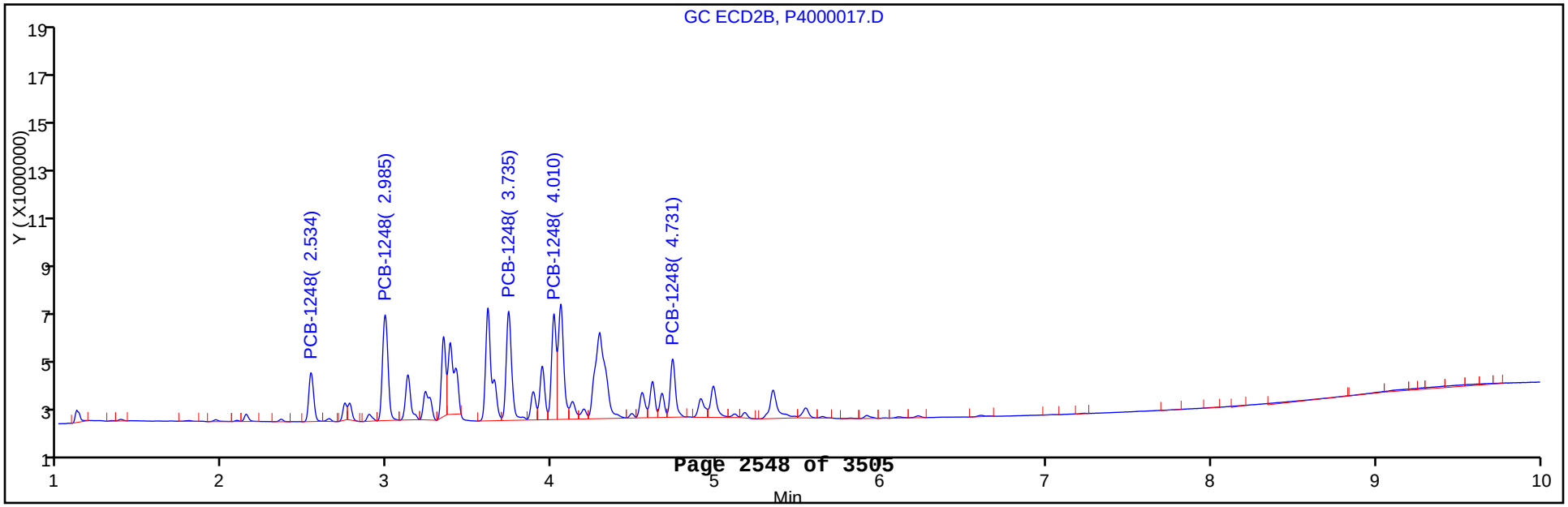
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000017.D

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			

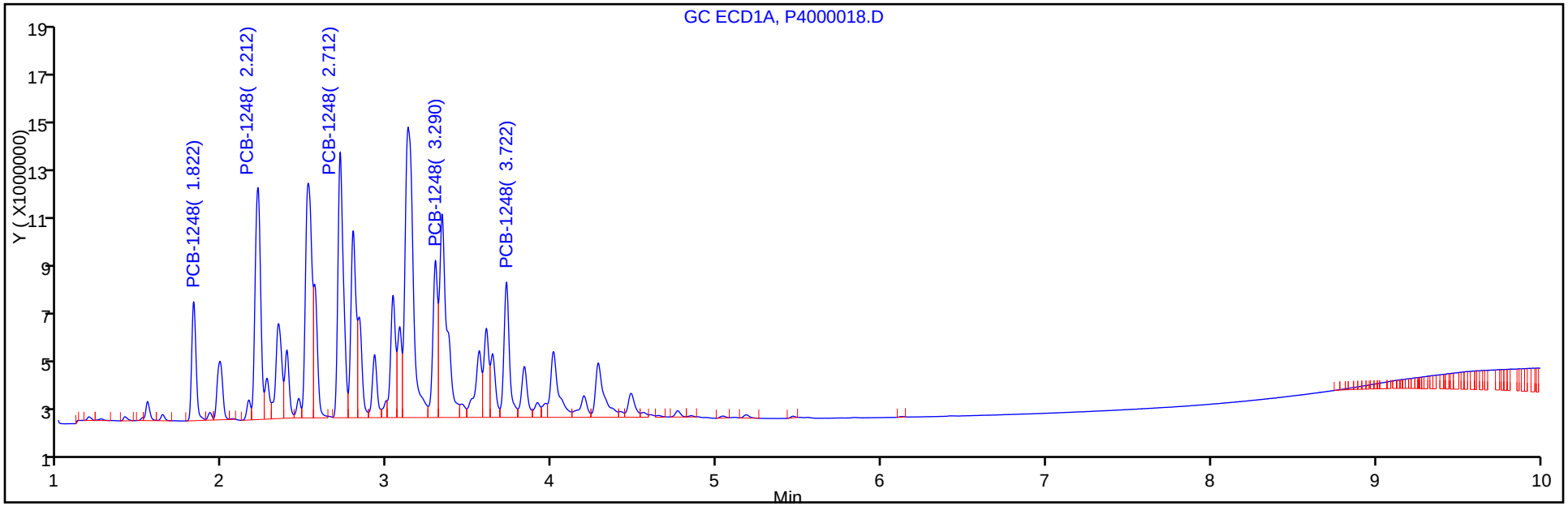
Report Date: 15-Apr-2013 13:04:56 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

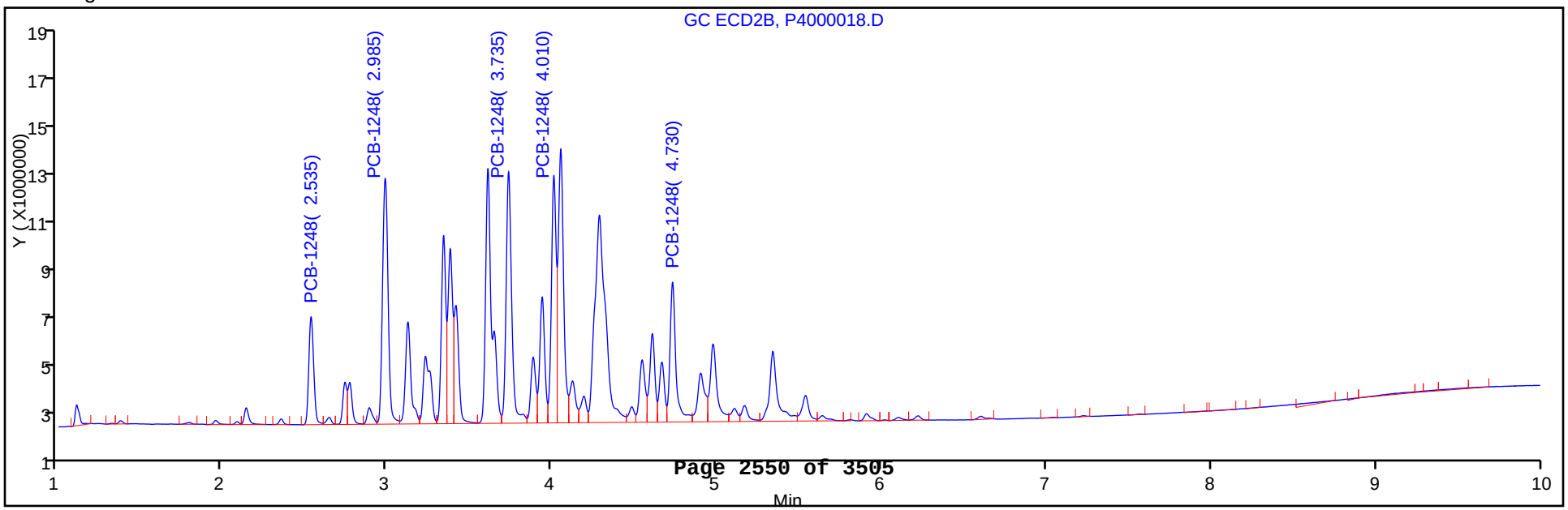
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000018.D

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			

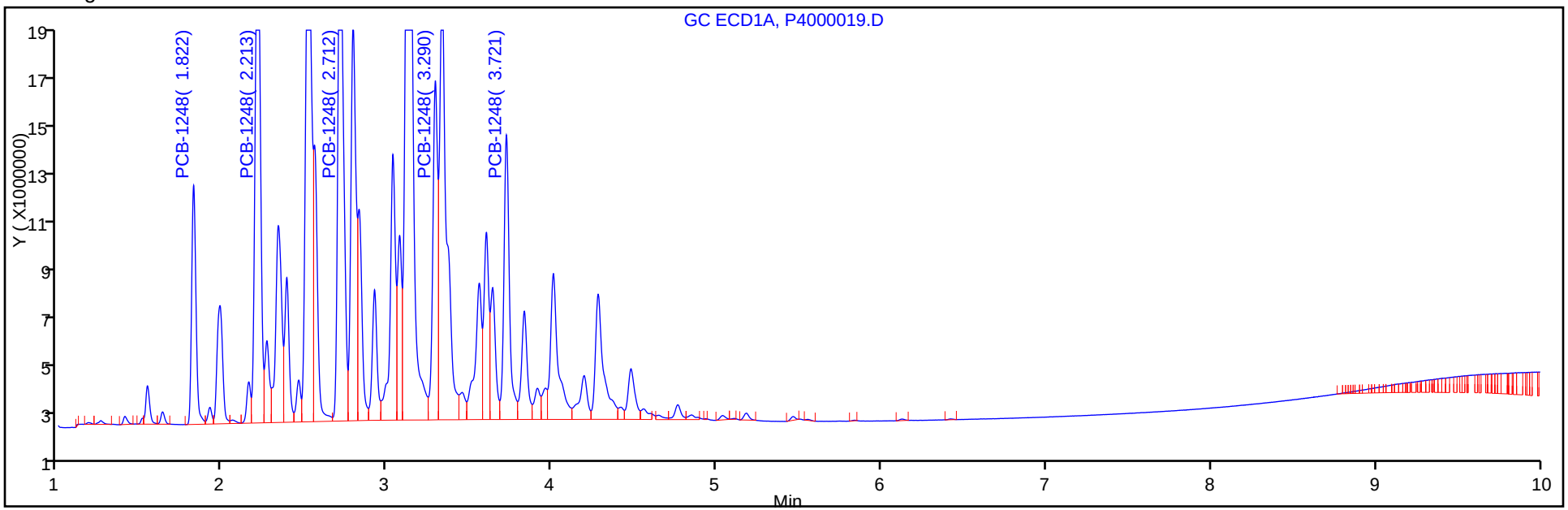
Report Date: 15-Apr-2013 13:04:58 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

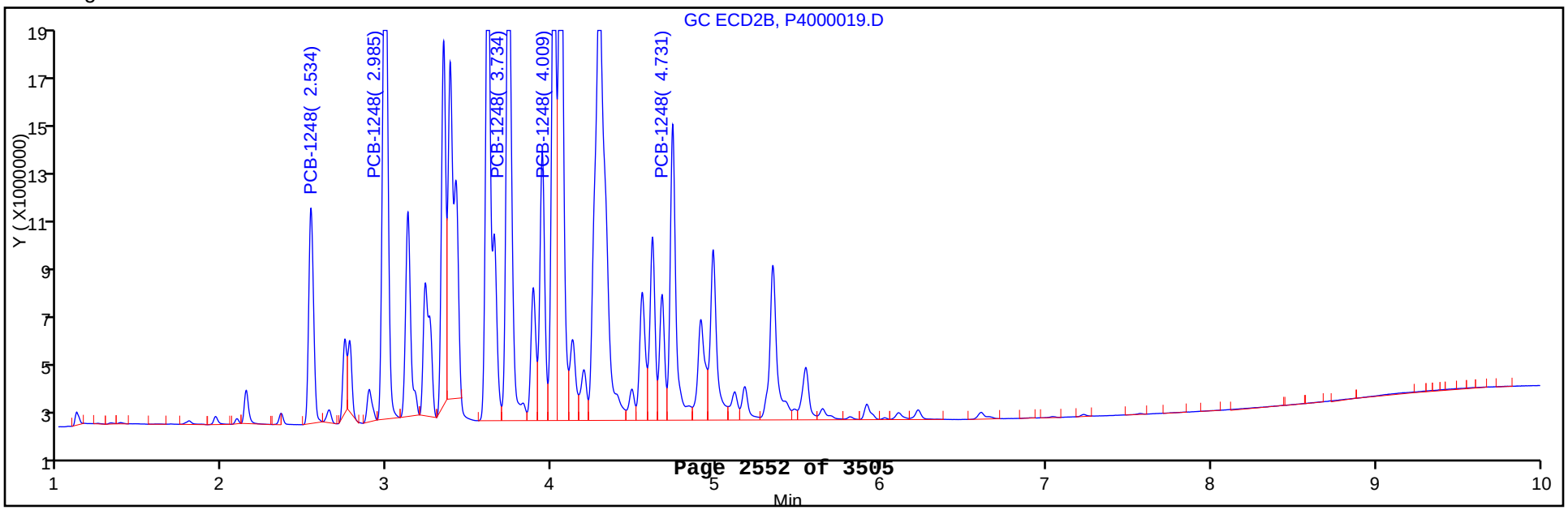
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000019.D

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			

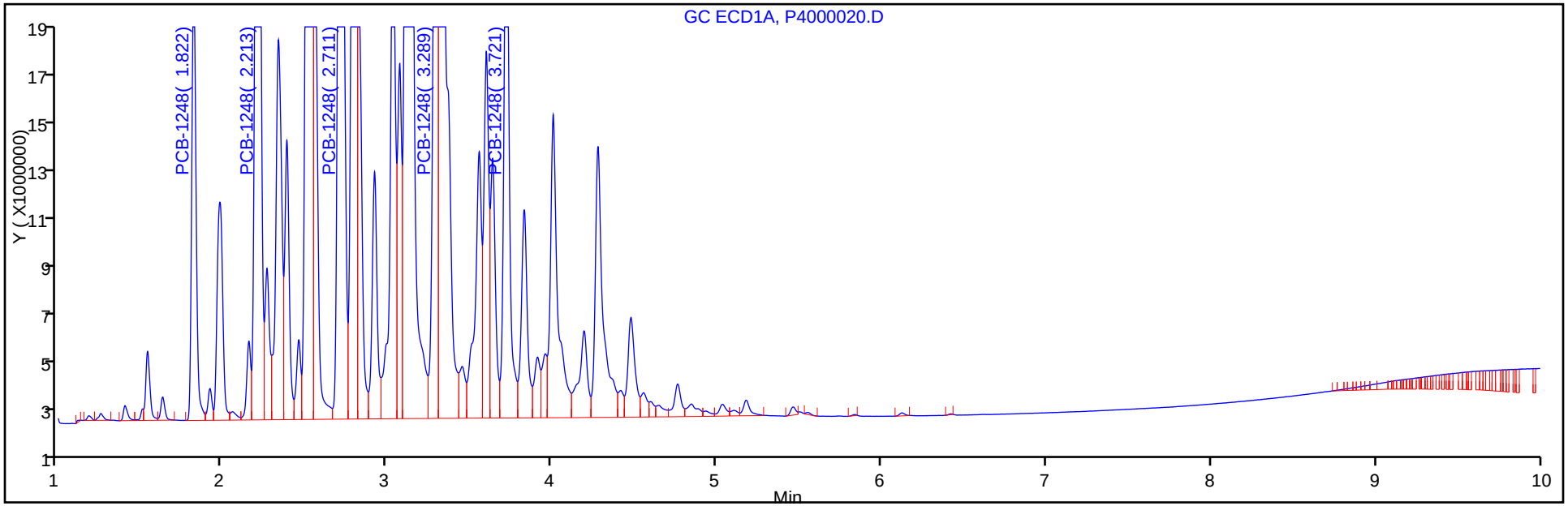
Report Date: 15-Apr-2013 13:04:59 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

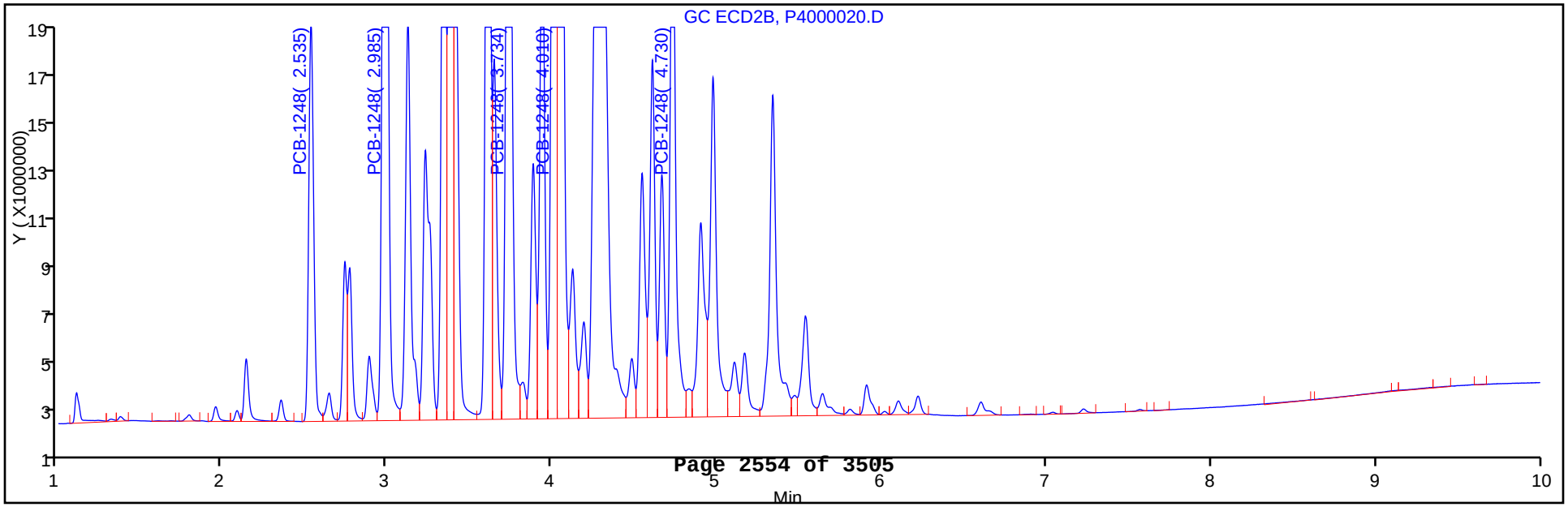
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000020.D

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.: 240-22663-1 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.: 240-22663-1 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.: 240-22663-1 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			

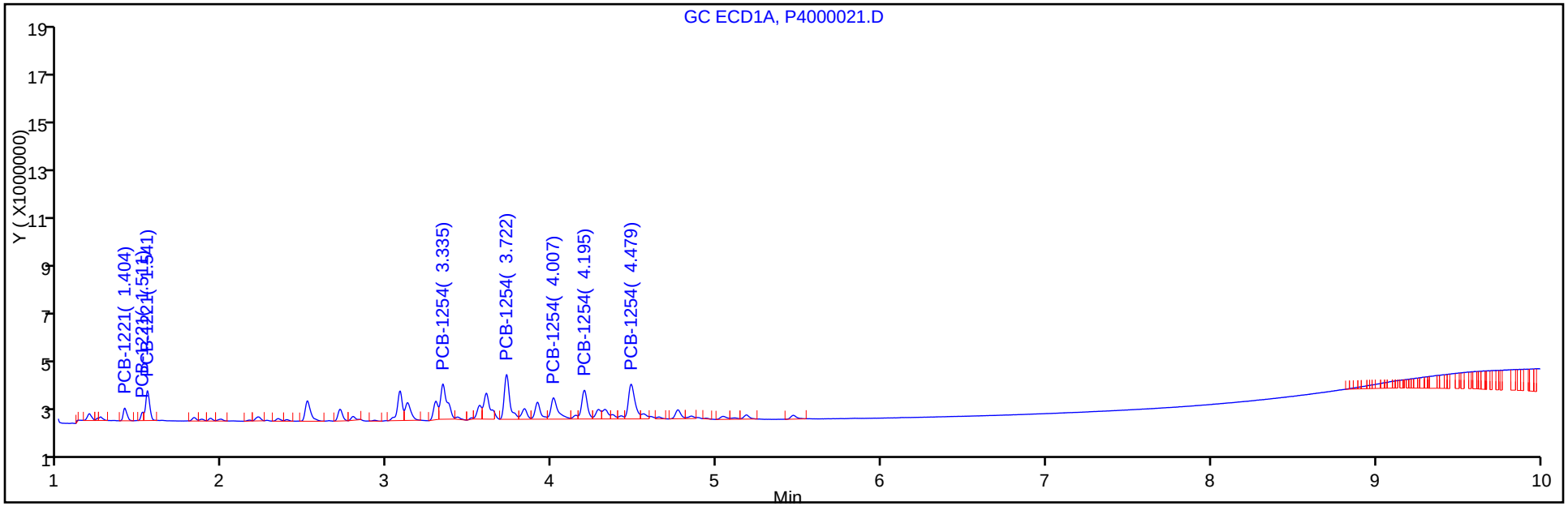
Report Date: 15-Apr-2013 13:05:01 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

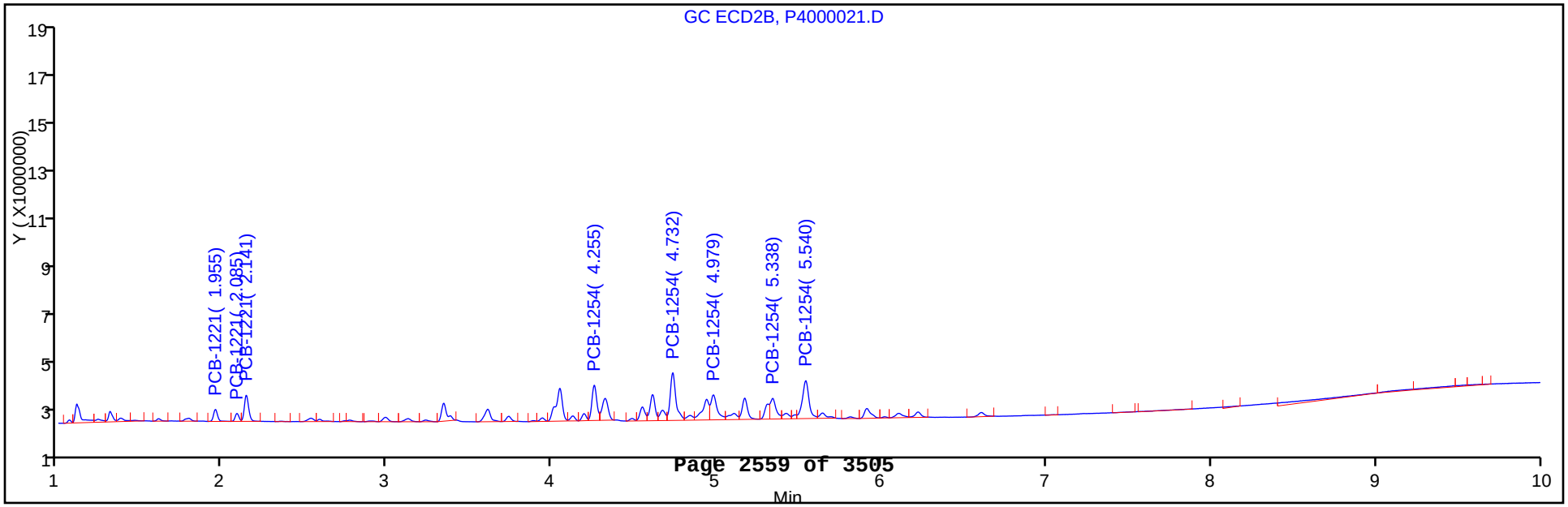
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000021.D

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			

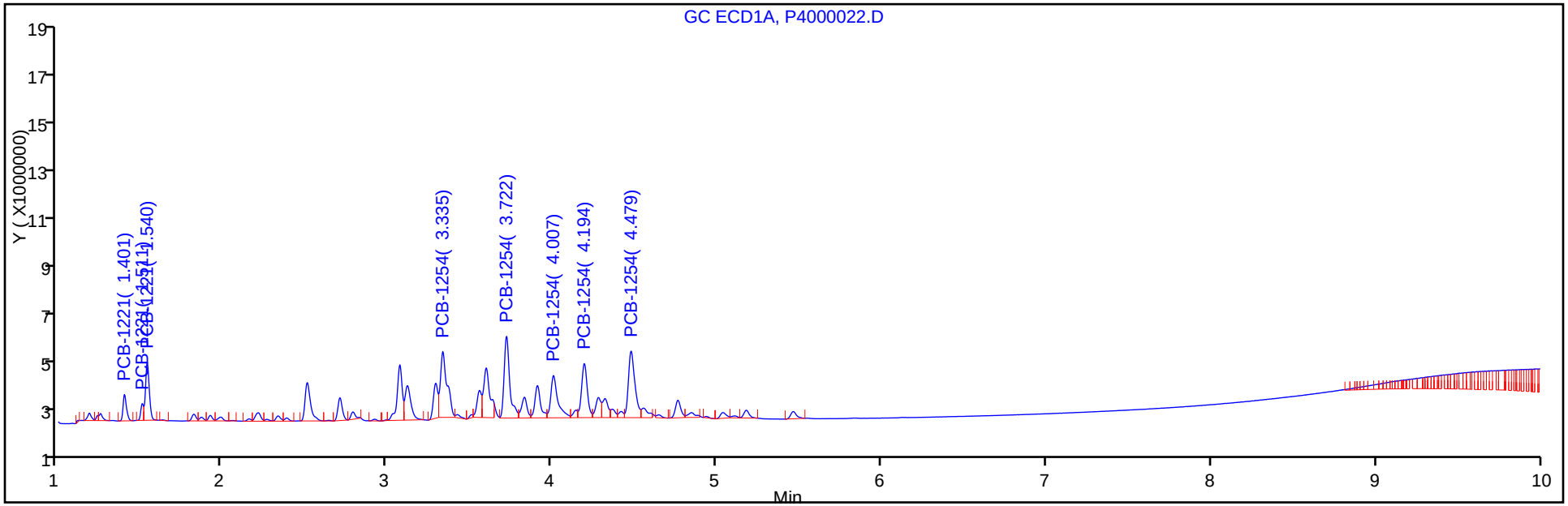
Report Date: 15-Apr-2013 13:05:03 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

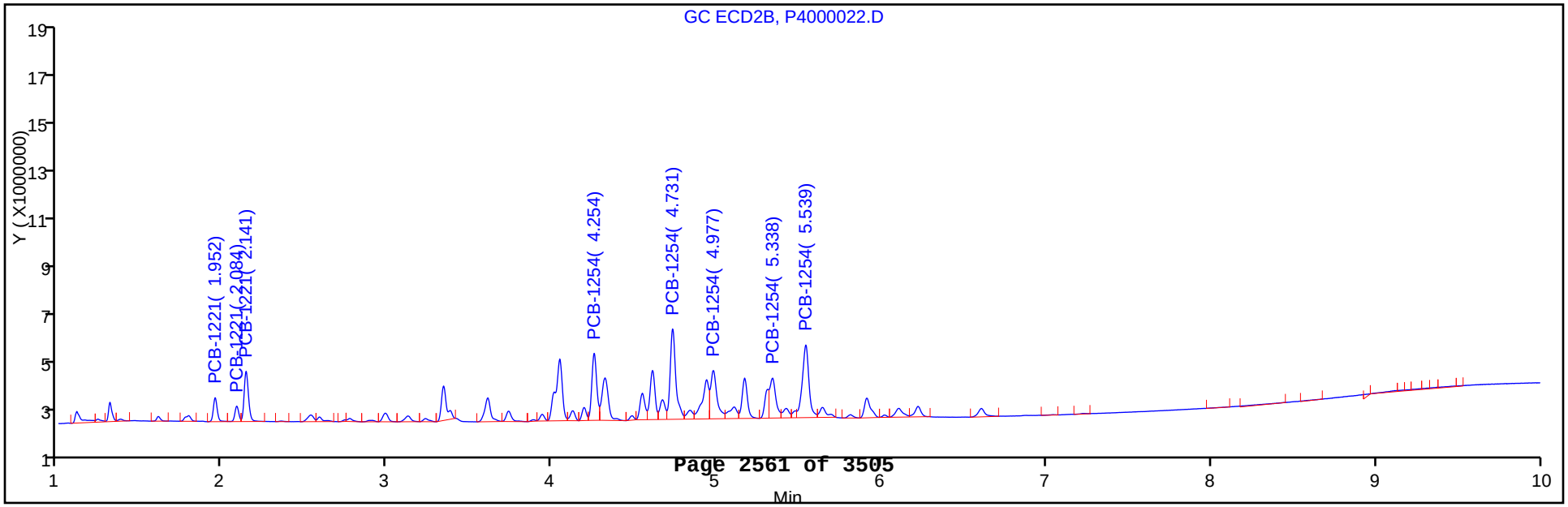
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Injection Date:	15-Apr-2013 04:40:05	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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			

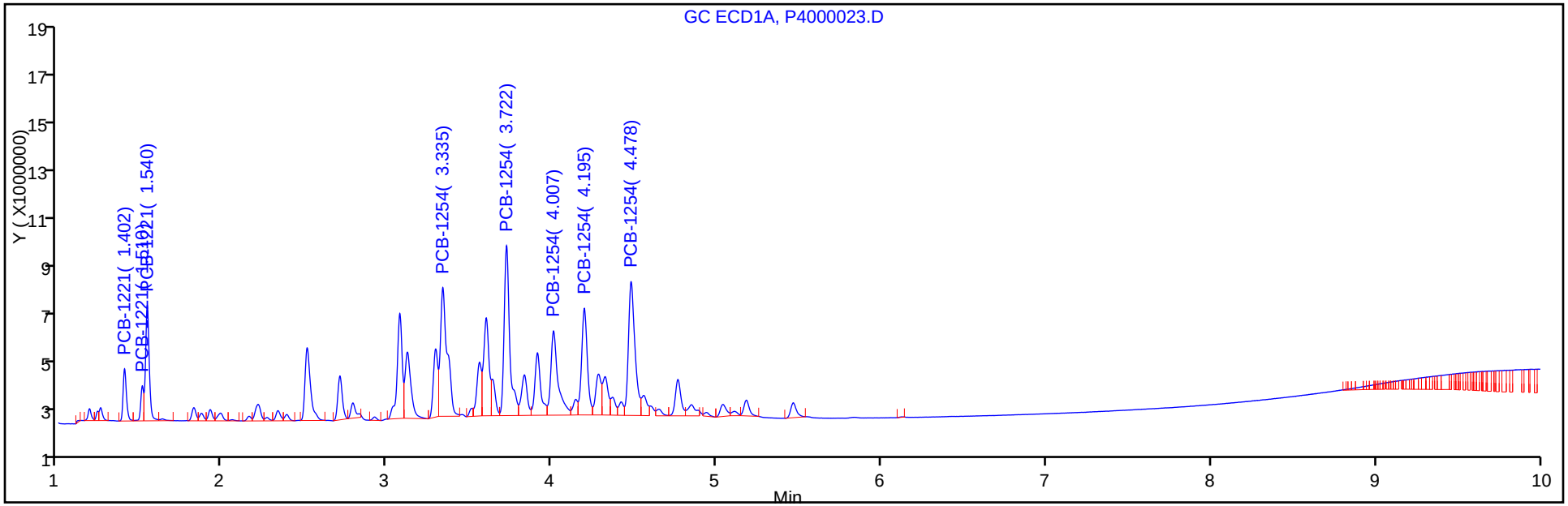
Report Date: 15-Apr-2013 13:05:06 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

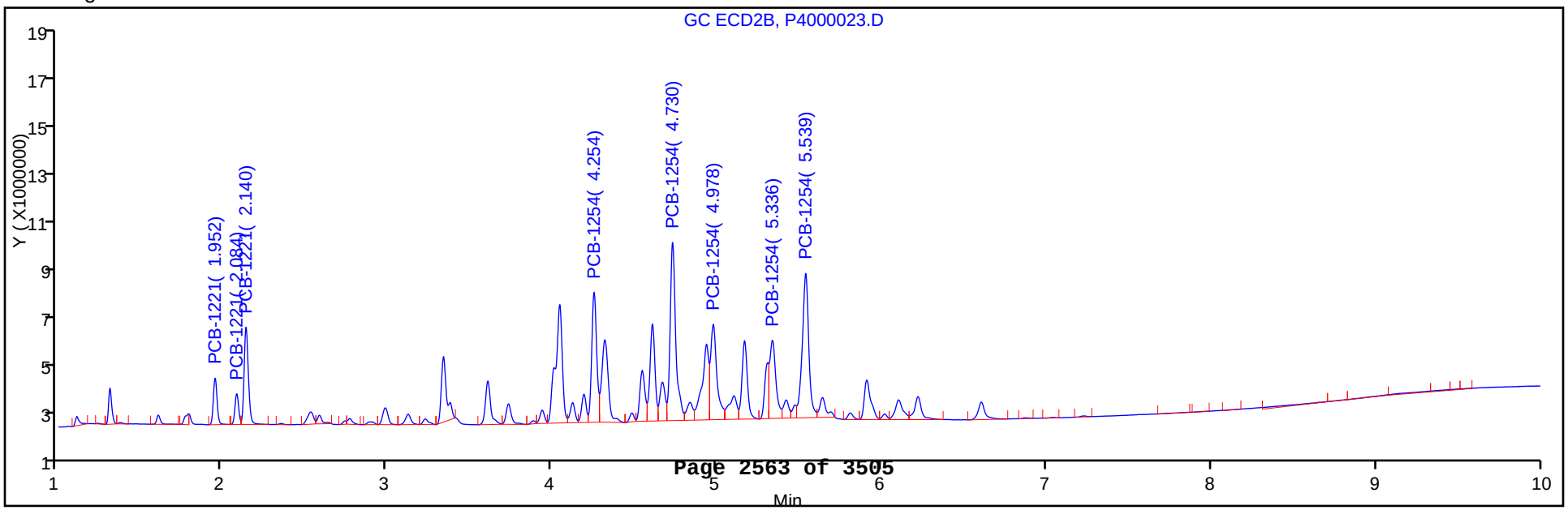
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000023.D

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			

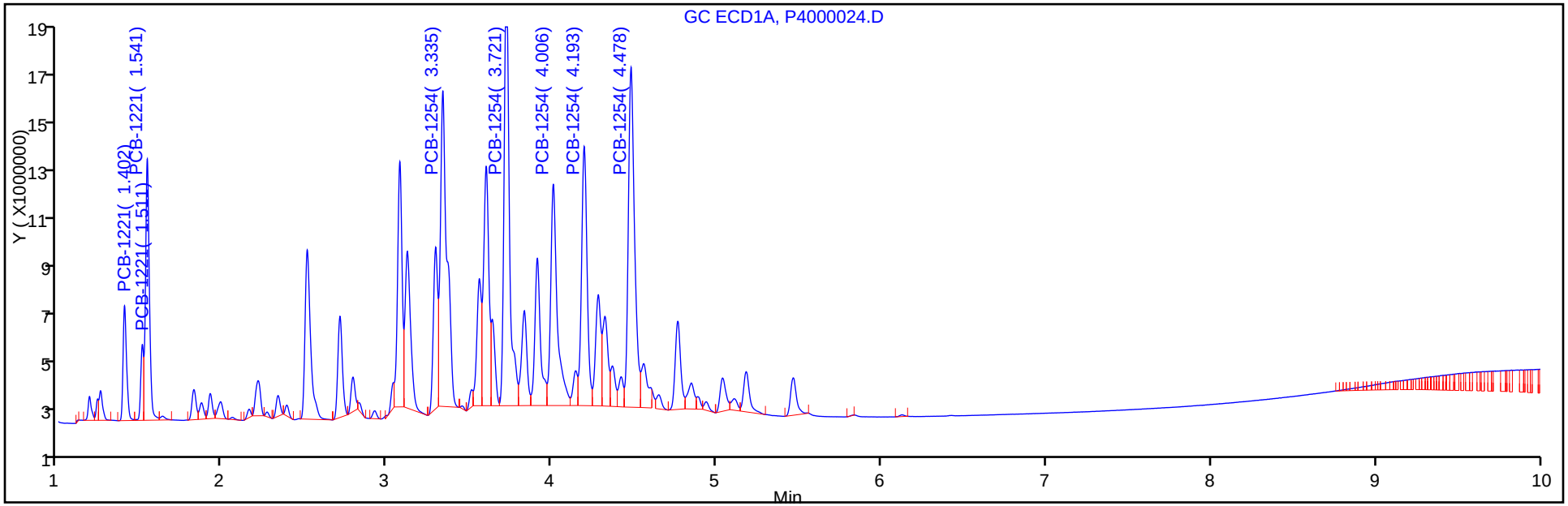
Report Date: 15-Apr-2013 13:05:07 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

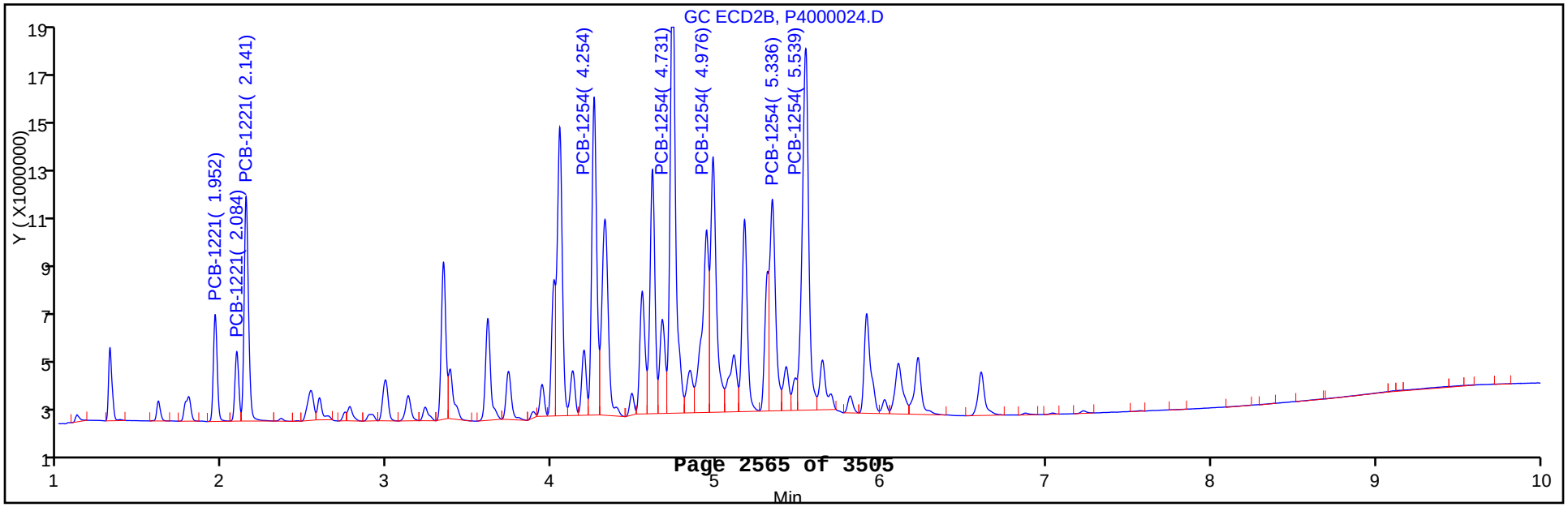
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000024.D

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			

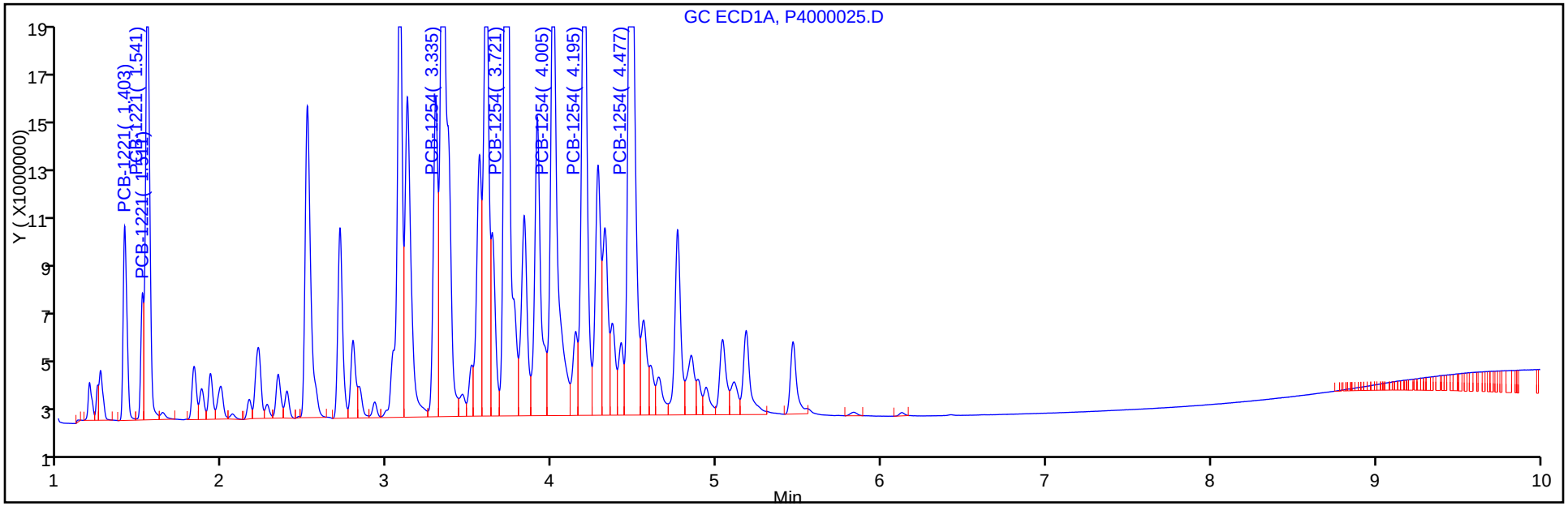
Report Date: 15-Apr-2013 13:05:09 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

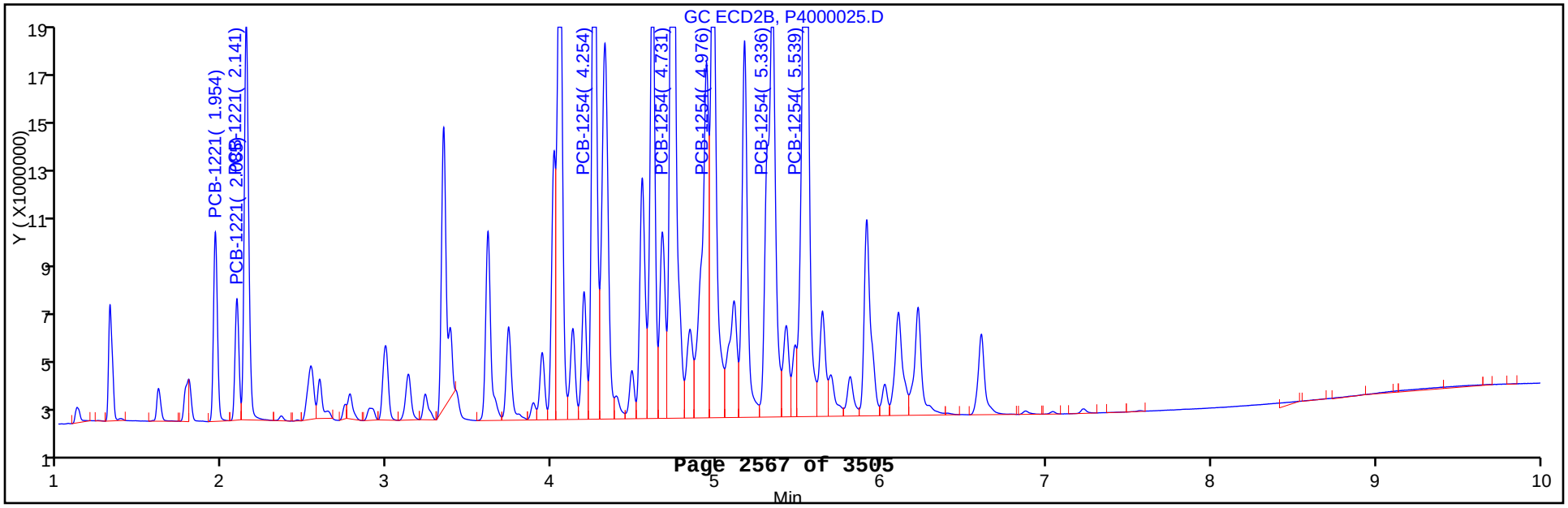
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000025.D

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			

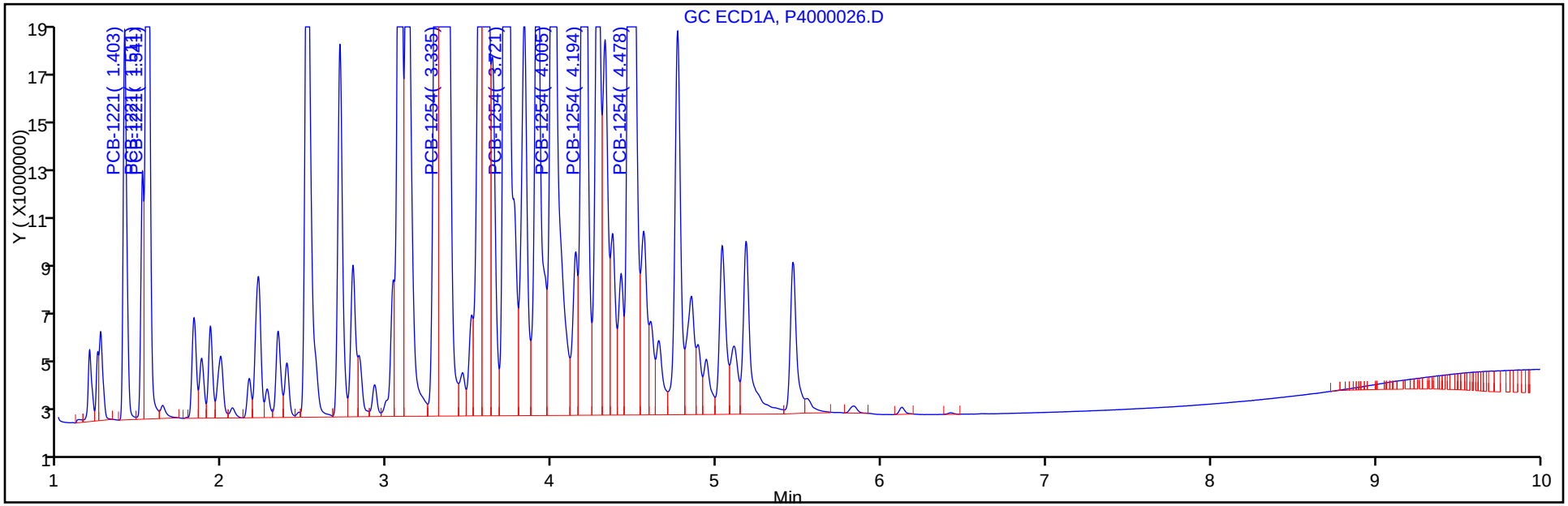
Report Date: 15-Apr-2013 13:05:11 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

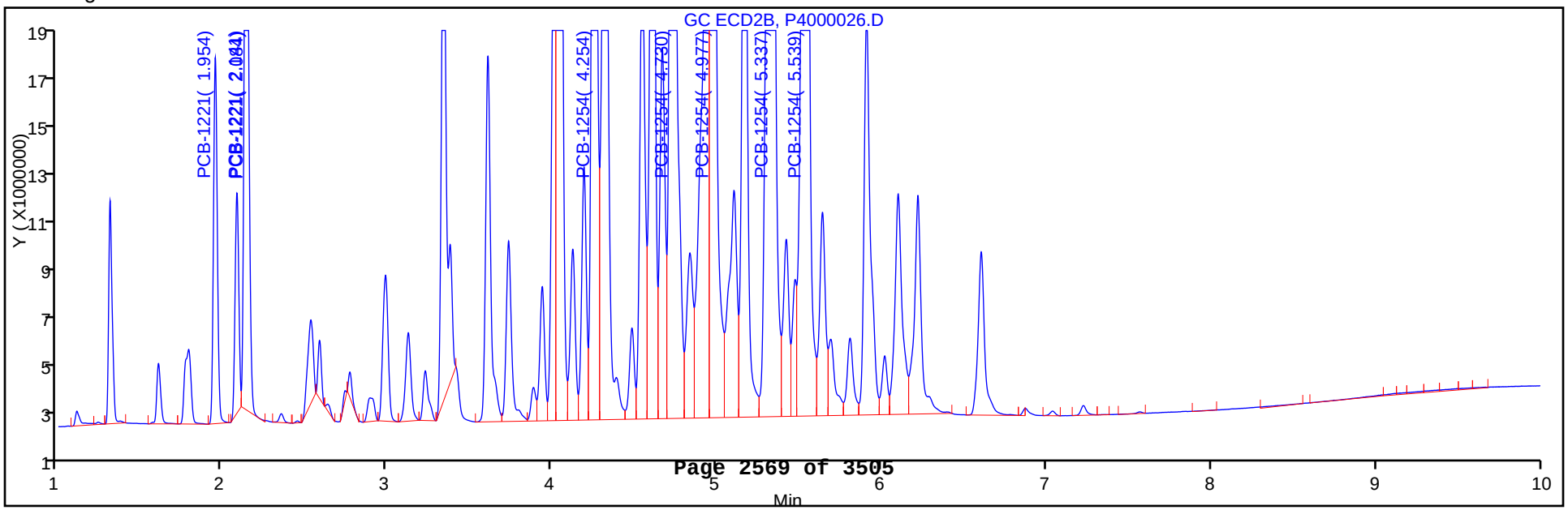
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000026.D

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.: 240-22663-1 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.: 240-22663-1 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.: 240-22663-1 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			

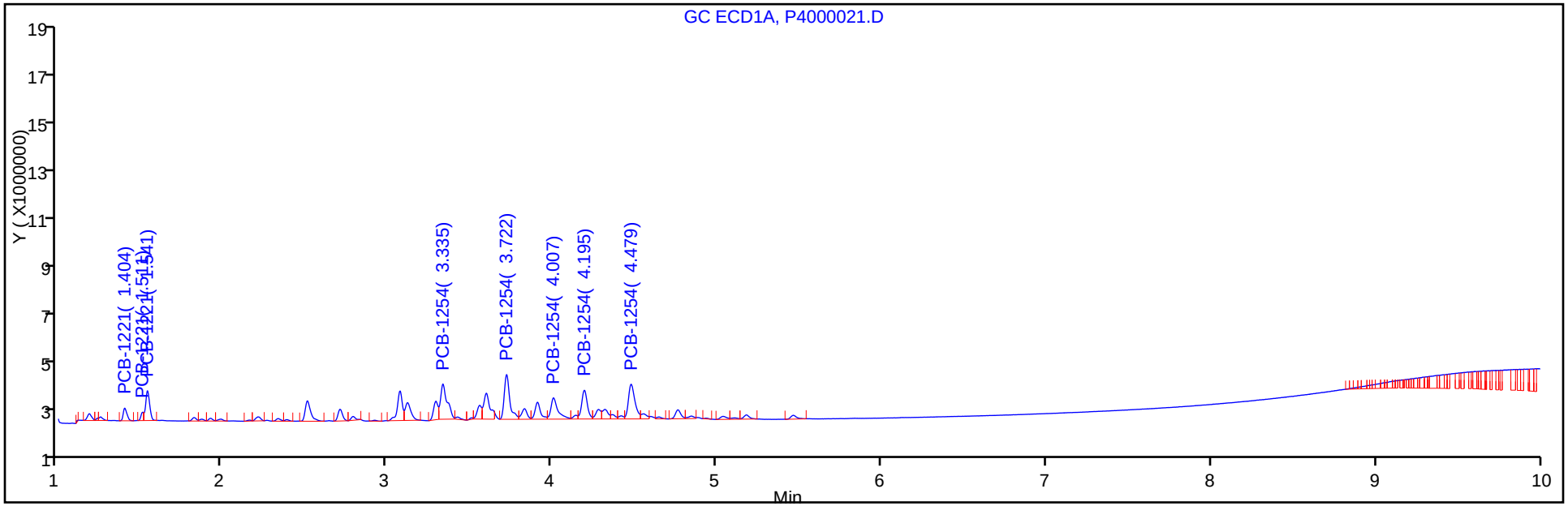
Report Date: 15-Apr-2013 13:05:01 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

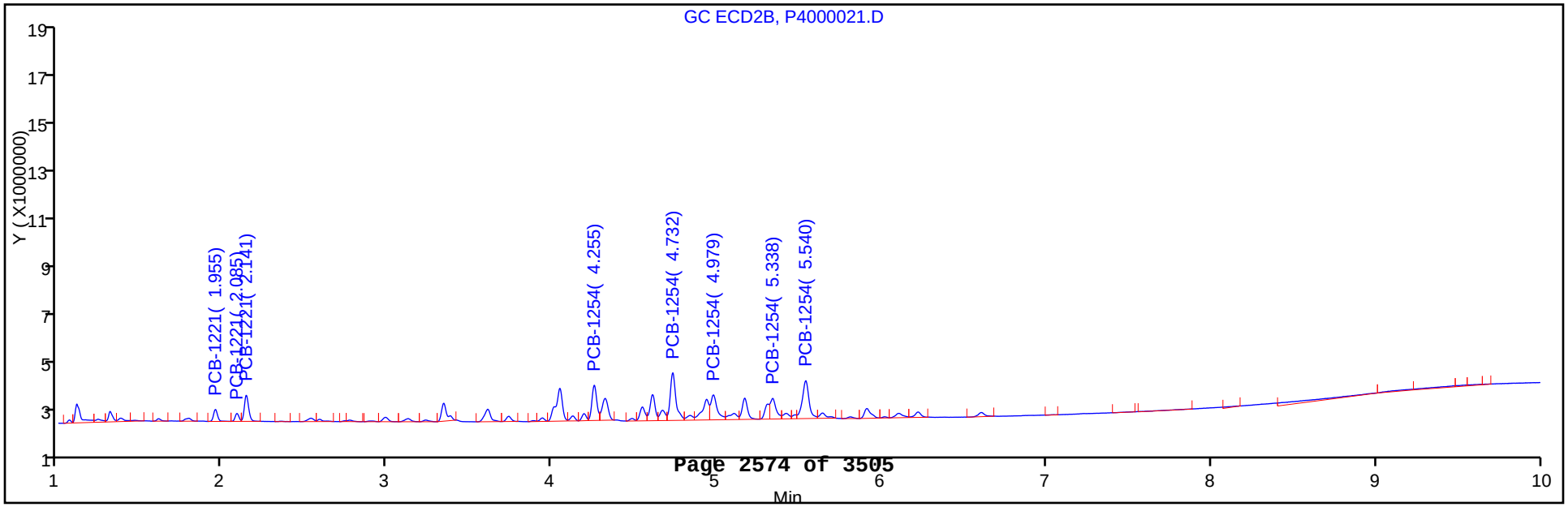
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000021.D

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			

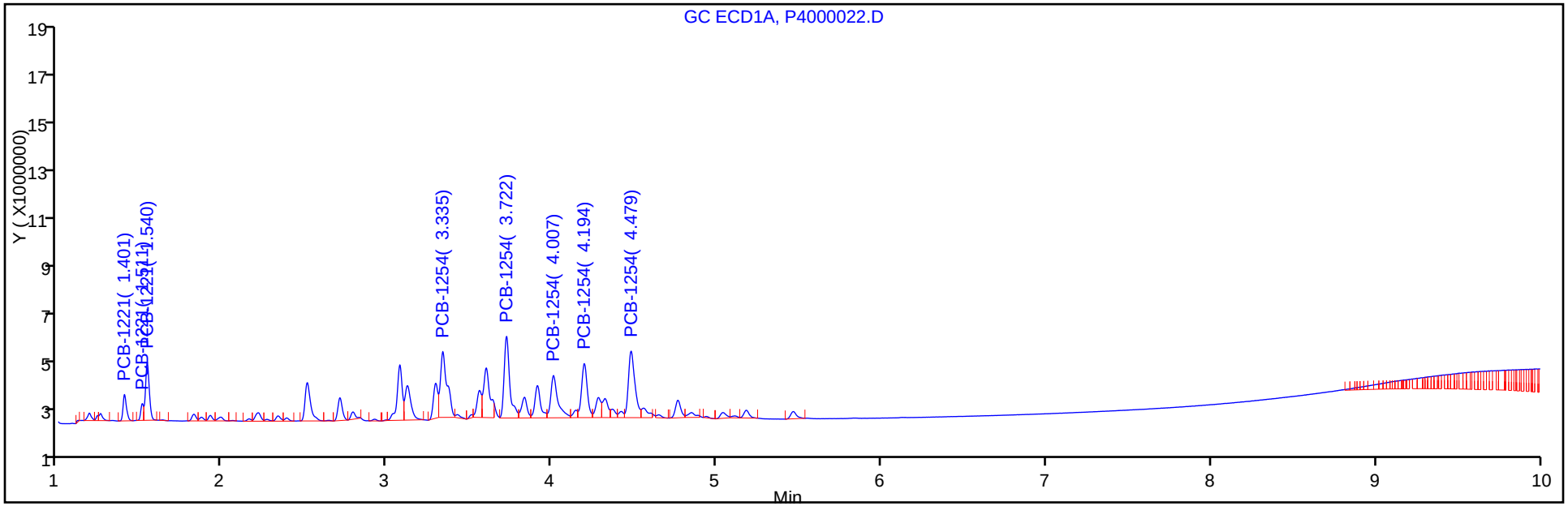
Report Date: 15-Apr-2013 13:05:03 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

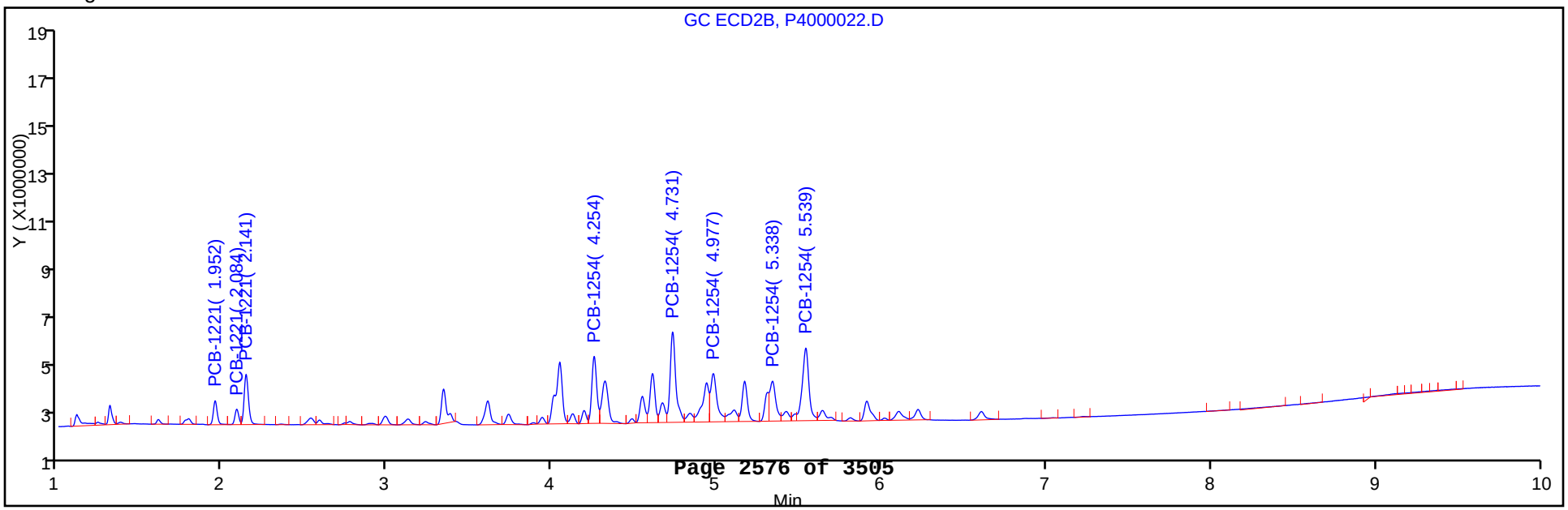
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000022.D

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			

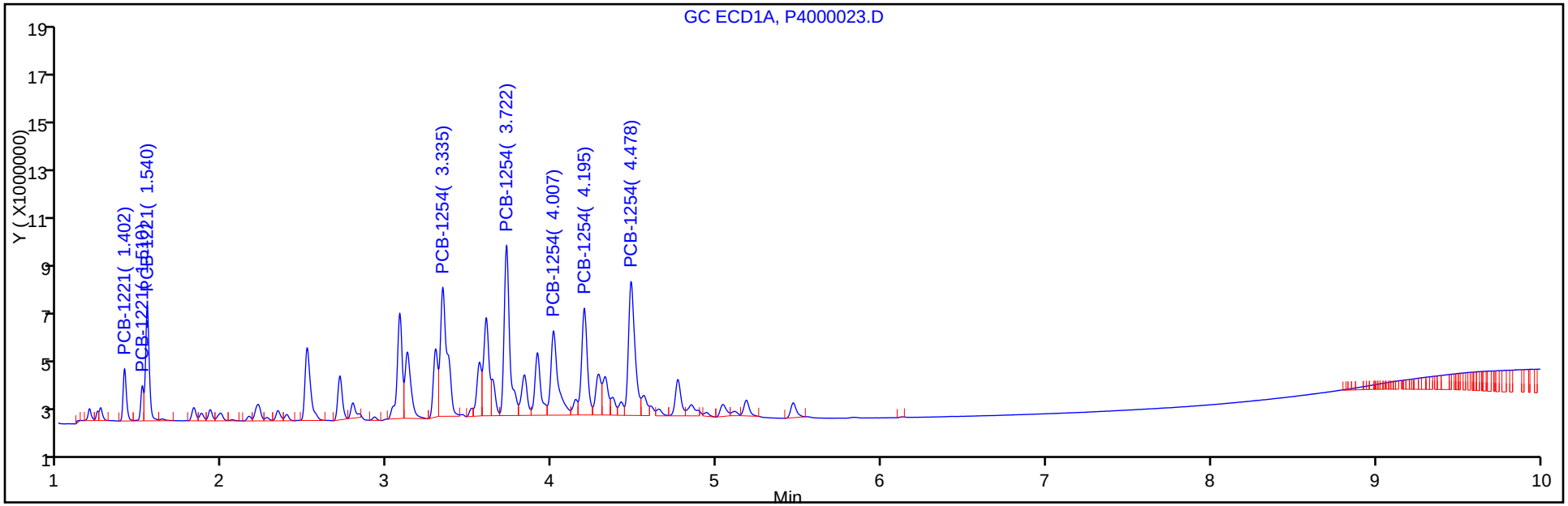
Report Date: 15-Apr-2013 13:05:06 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

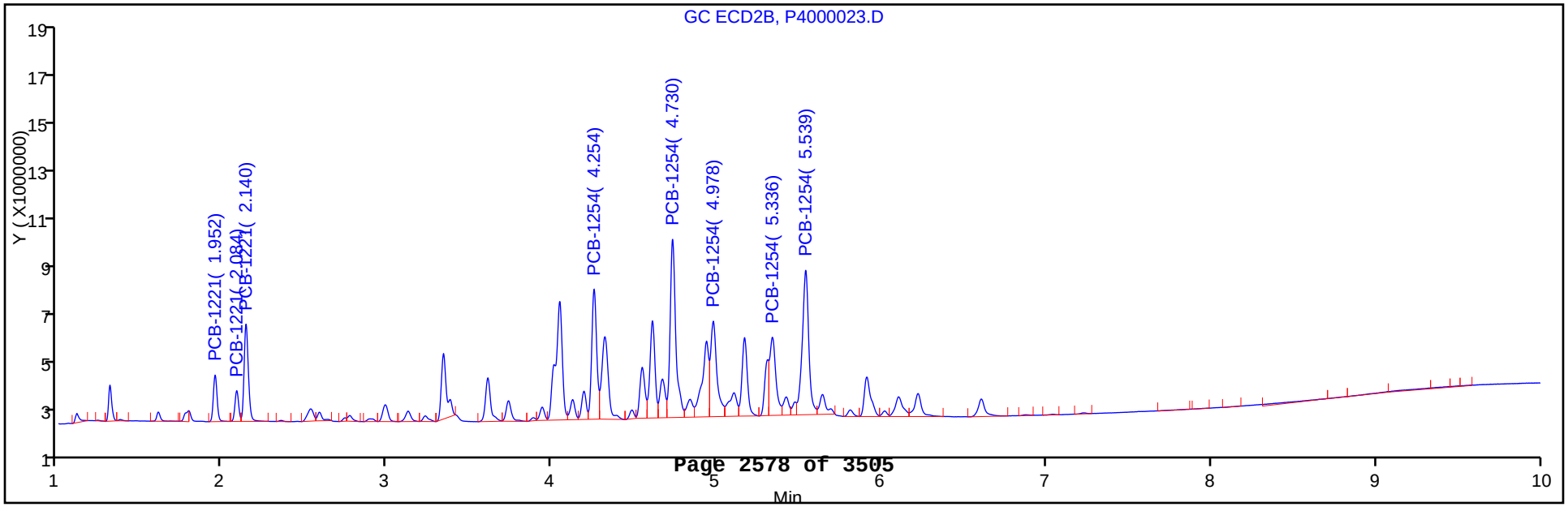
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000023.D

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			

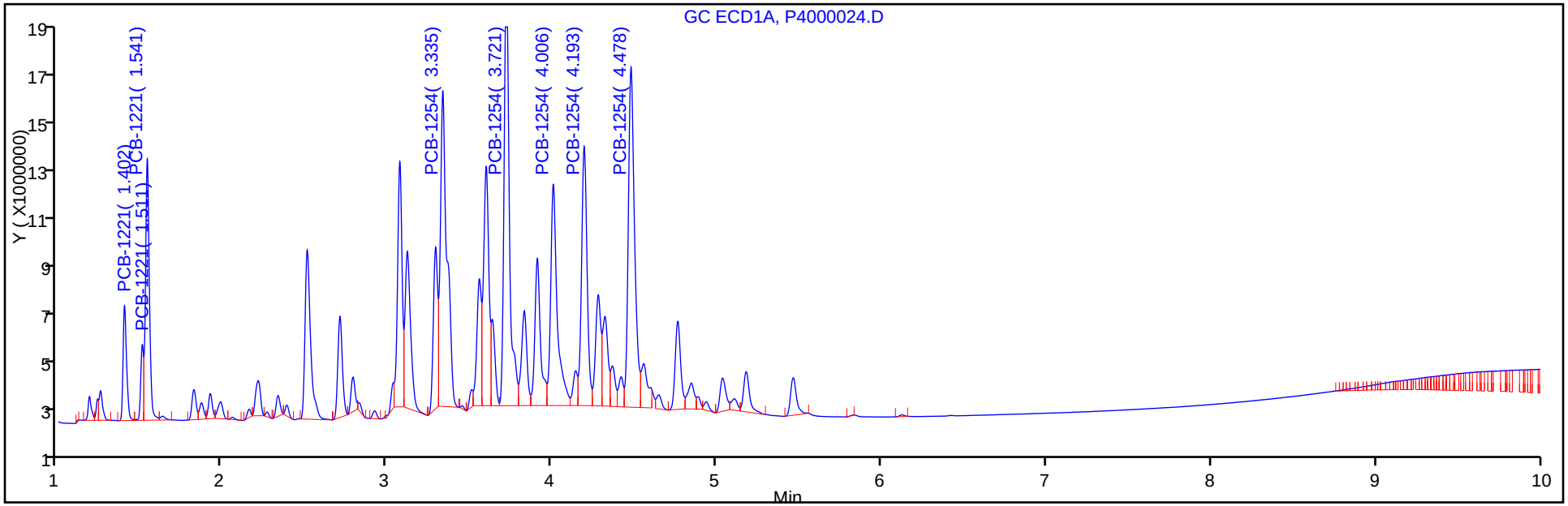
Report Date: 15-Apr-2013 13:05:08 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

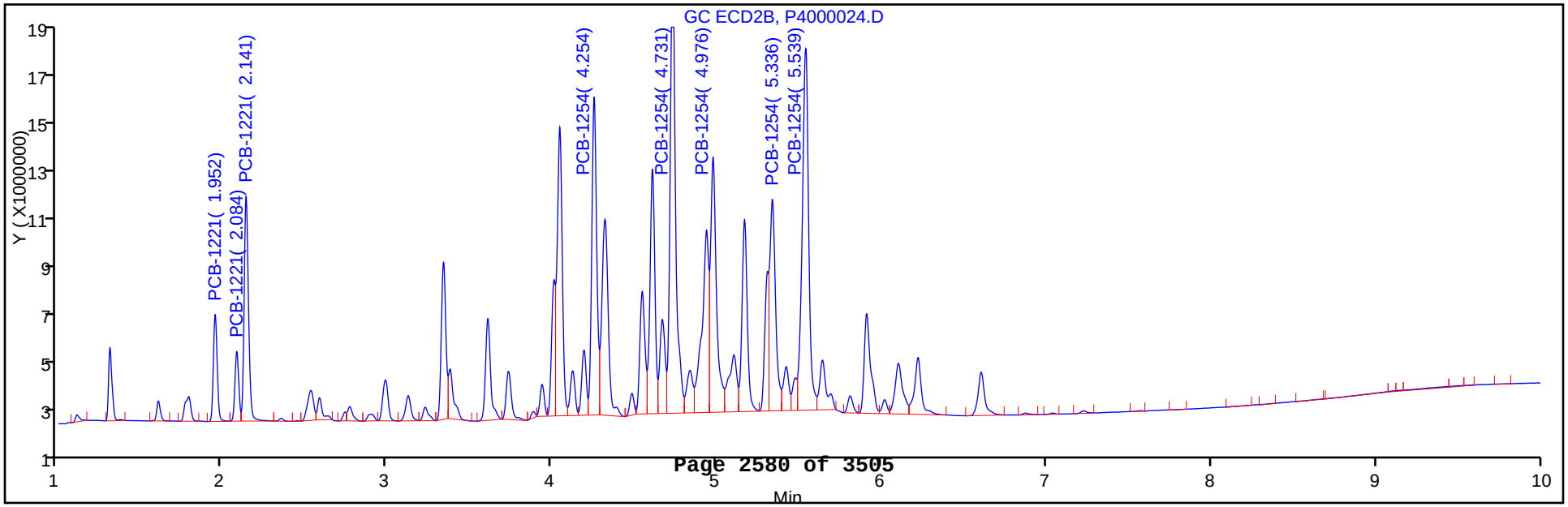
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000024.D

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			

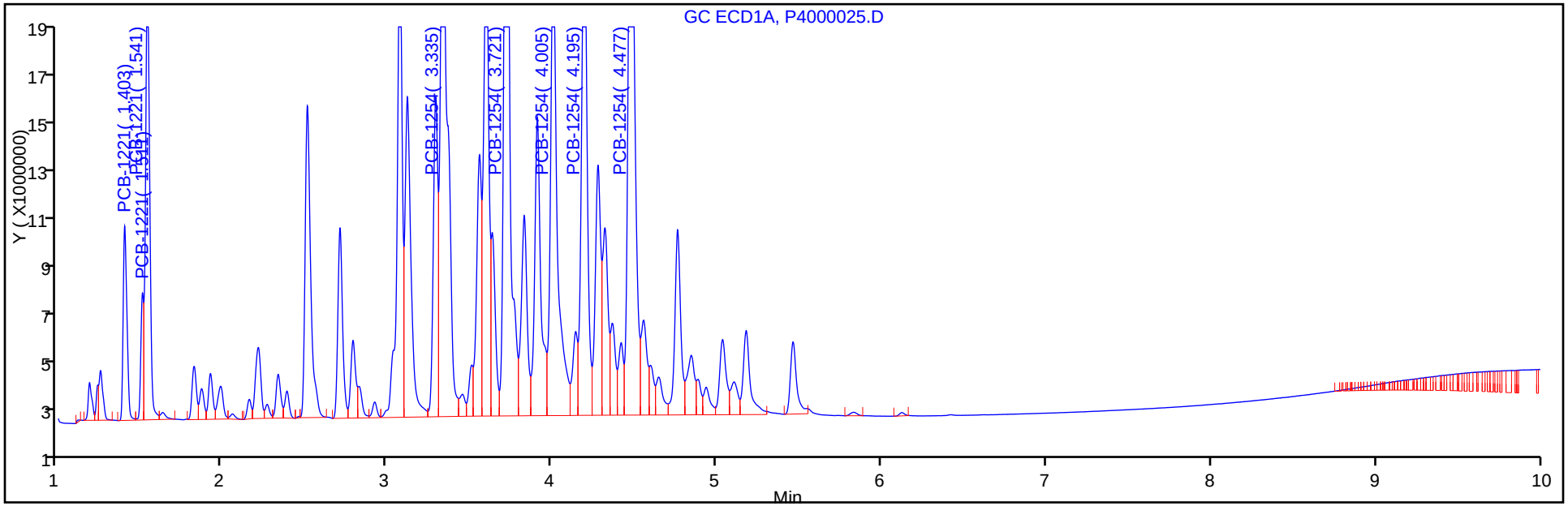
Report Date: 15-Apr-2013 13:05:09 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

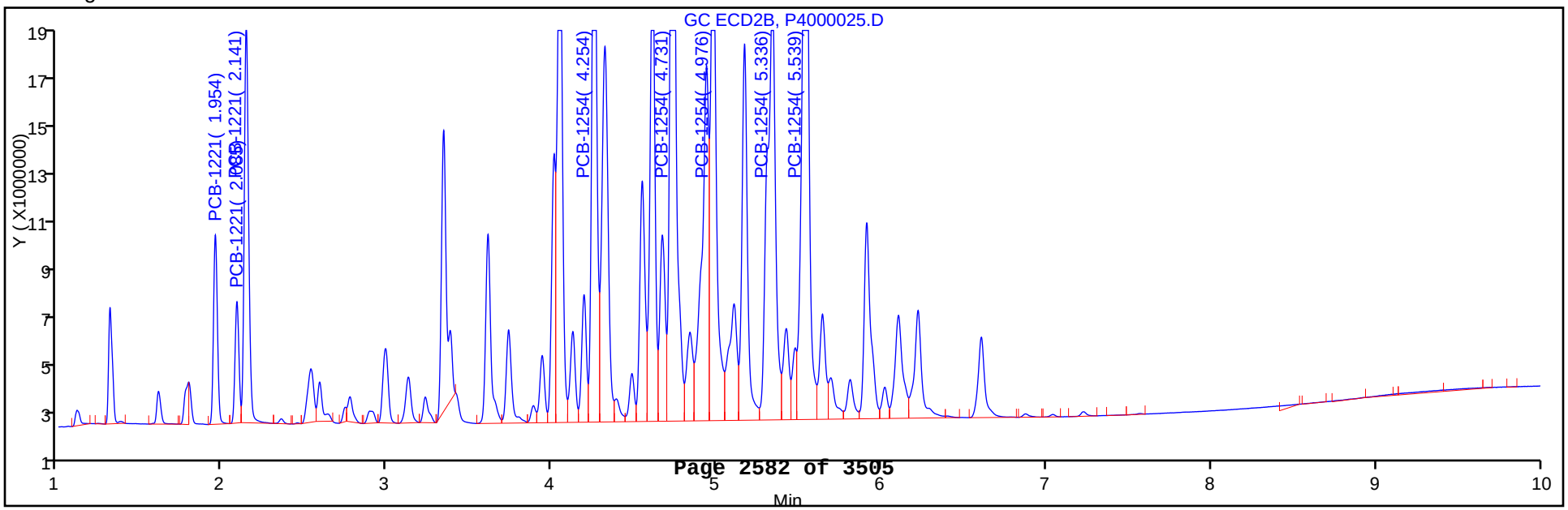
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000025.D

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			

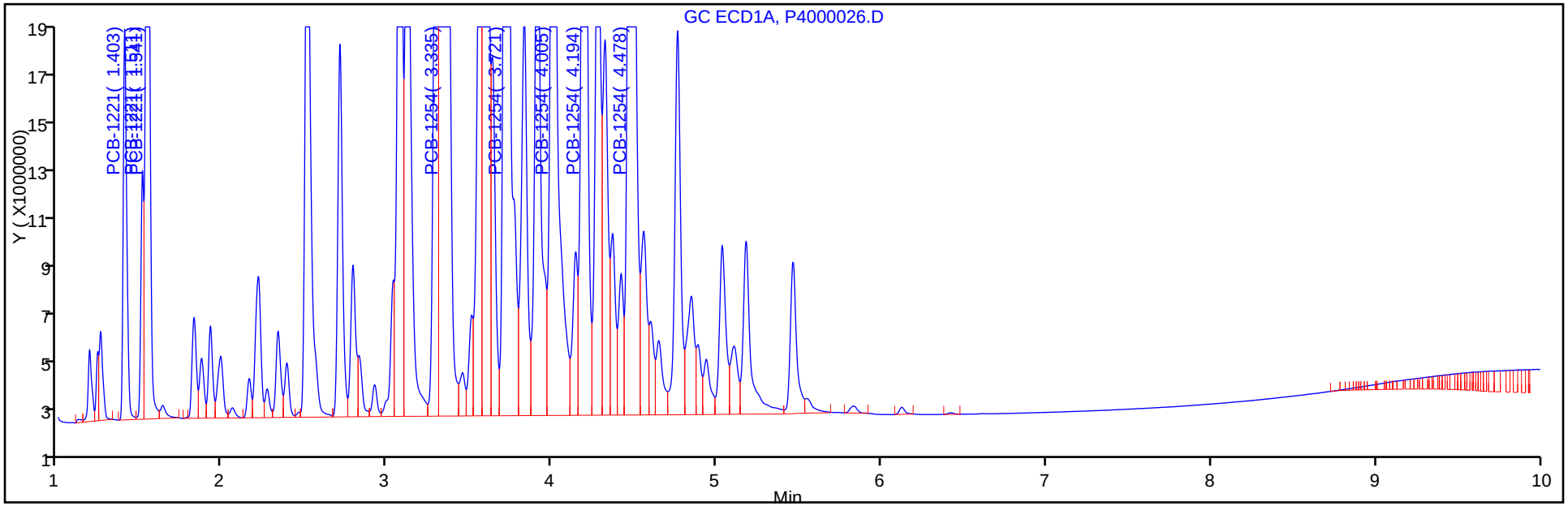
Report Date: 15-Apr-2013 13:05:11 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

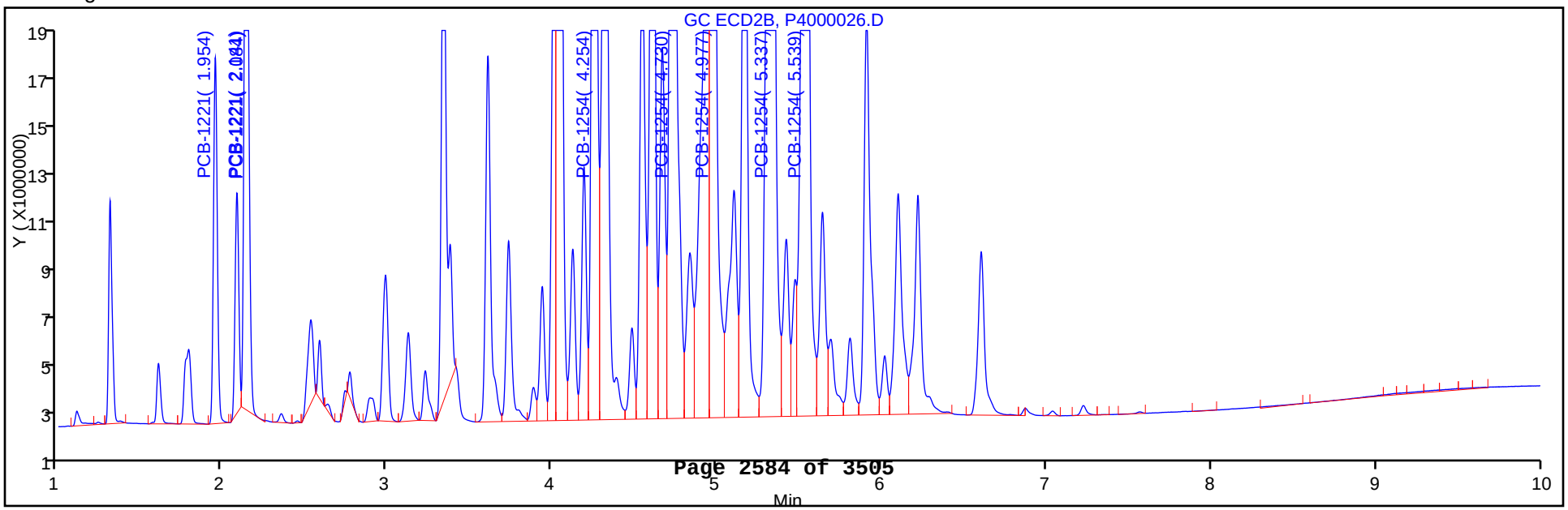
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000026.D

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.: 240-22663-1 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.: 240-22663-1 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.: 240-22663-1 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

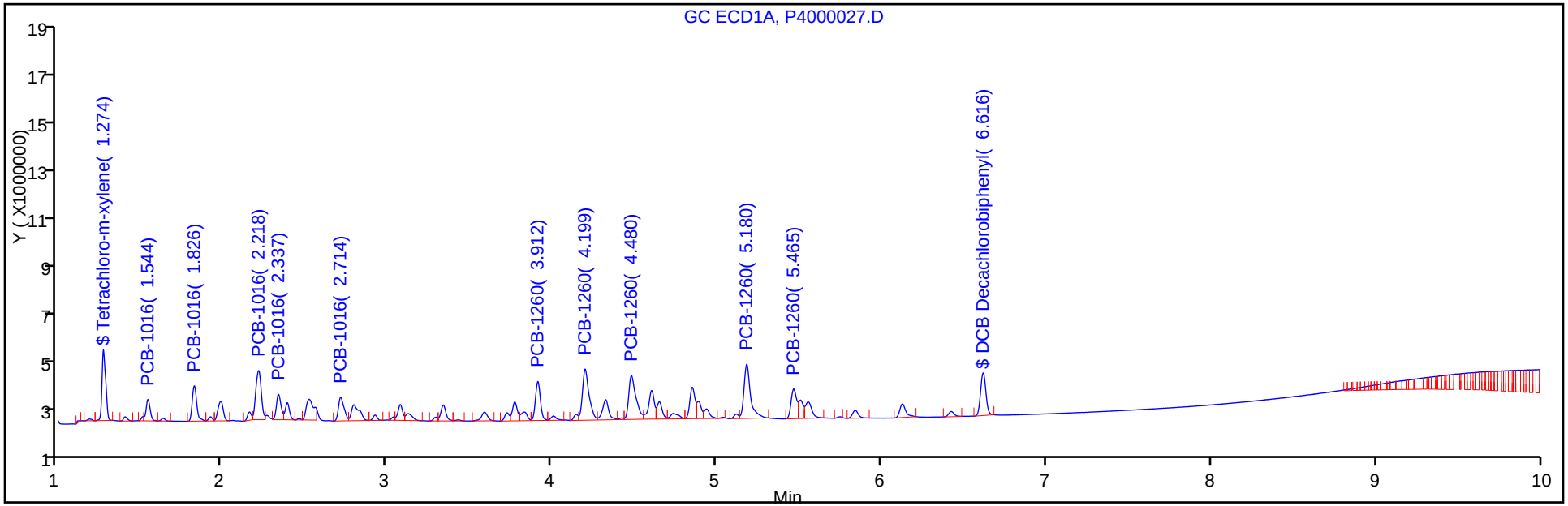
Report Date: 15-Apr-2013 13:05:12 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

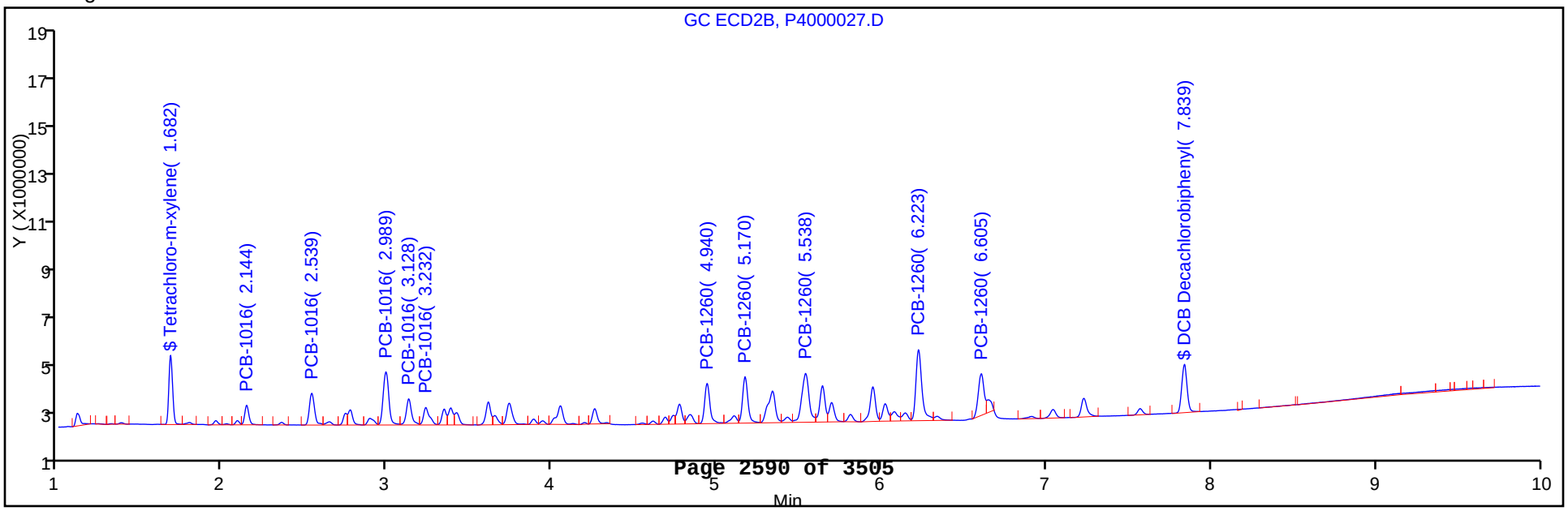
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Injection Date:	15-Apr-2013 05:58:18	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	27
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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			

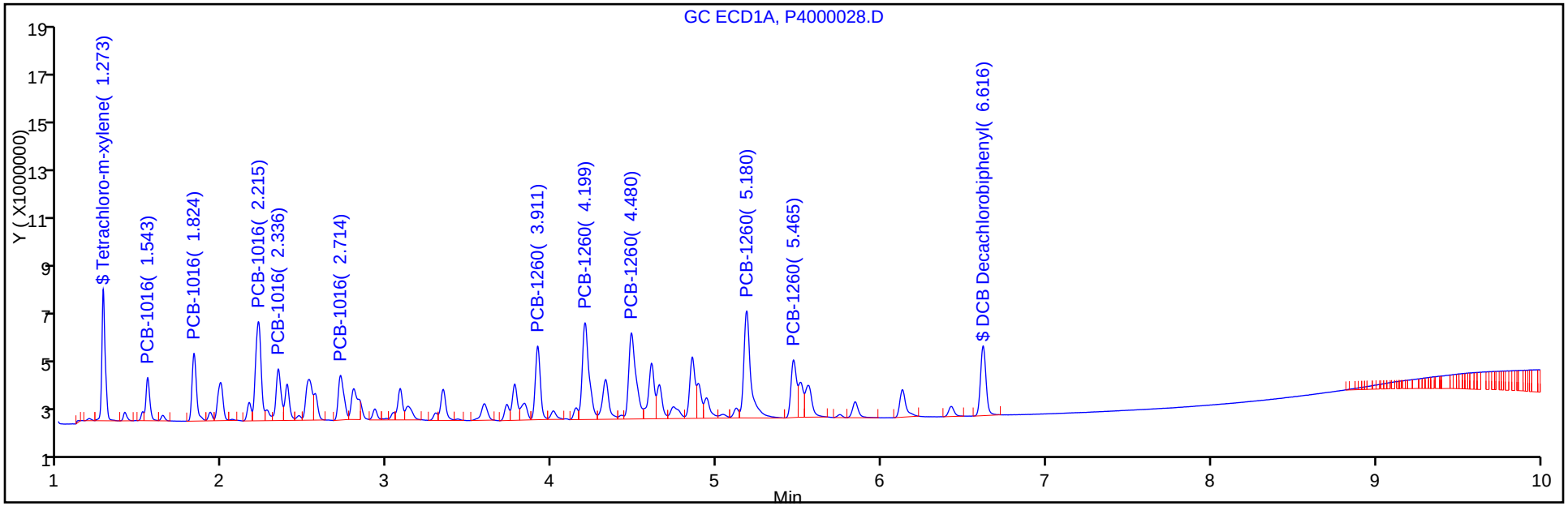
Report Date: 15-Apr-2013 13:05:14 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

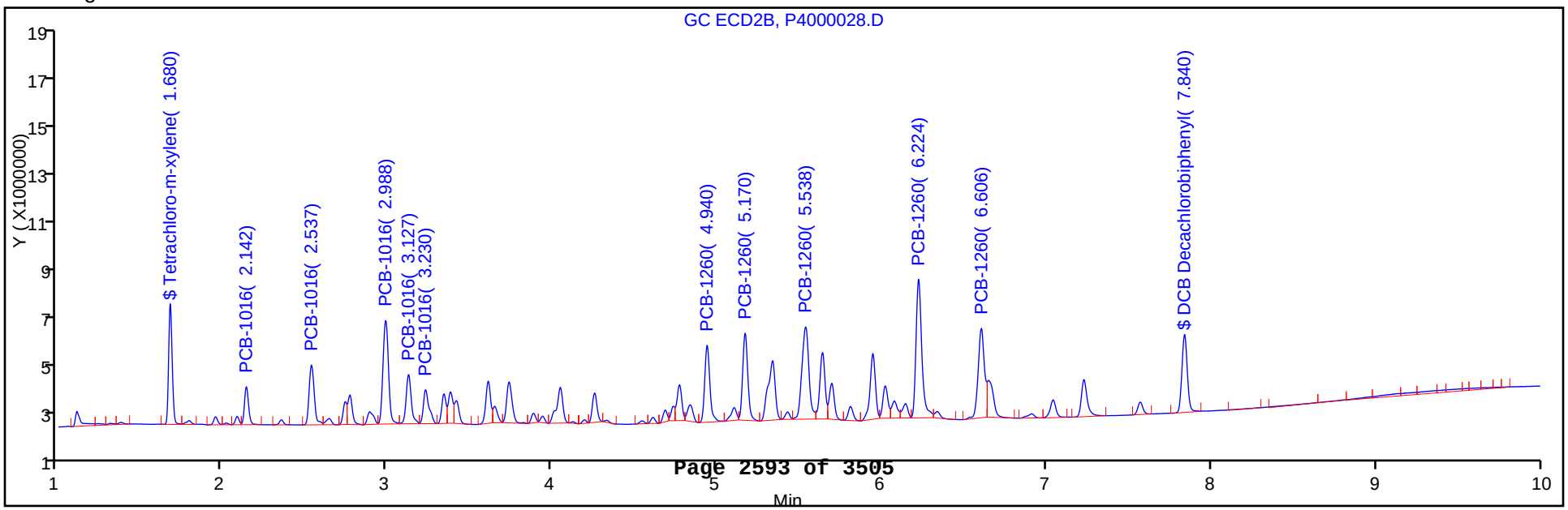
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Injection Date:	15-Apr-2013 06:13:58	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	28
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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			

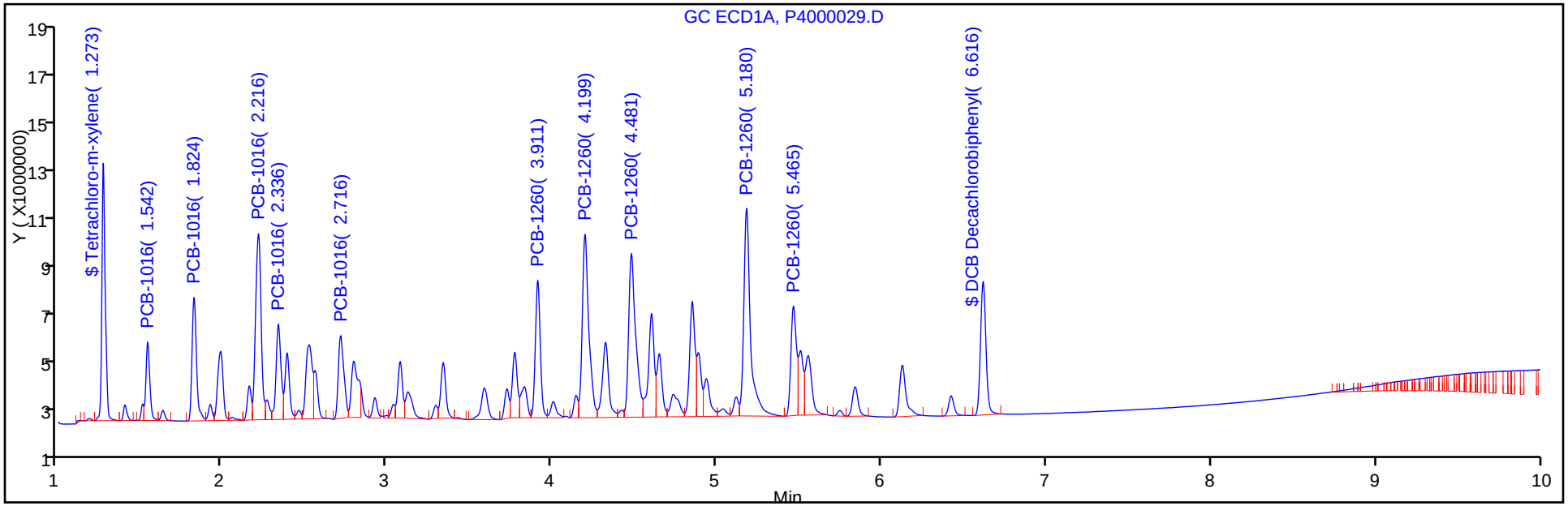
Report Date: 15-Apr-2013 13:05:15 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

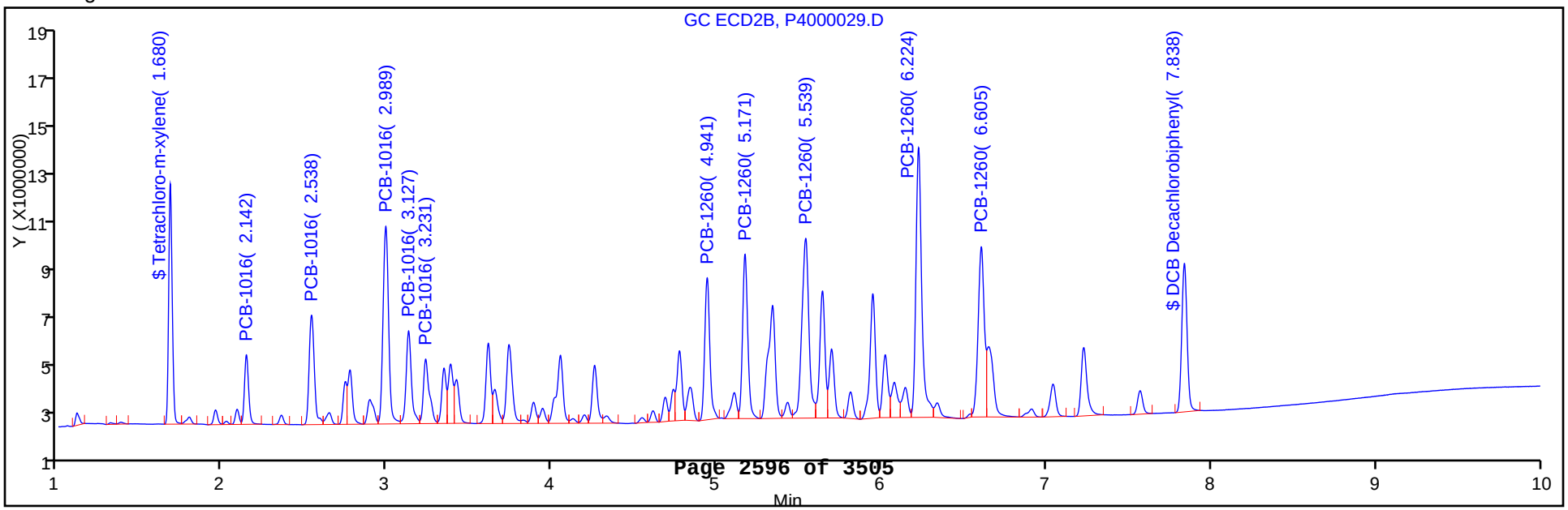
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Injection Date:	15-Apr-2013 06:29:38	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	29
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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			

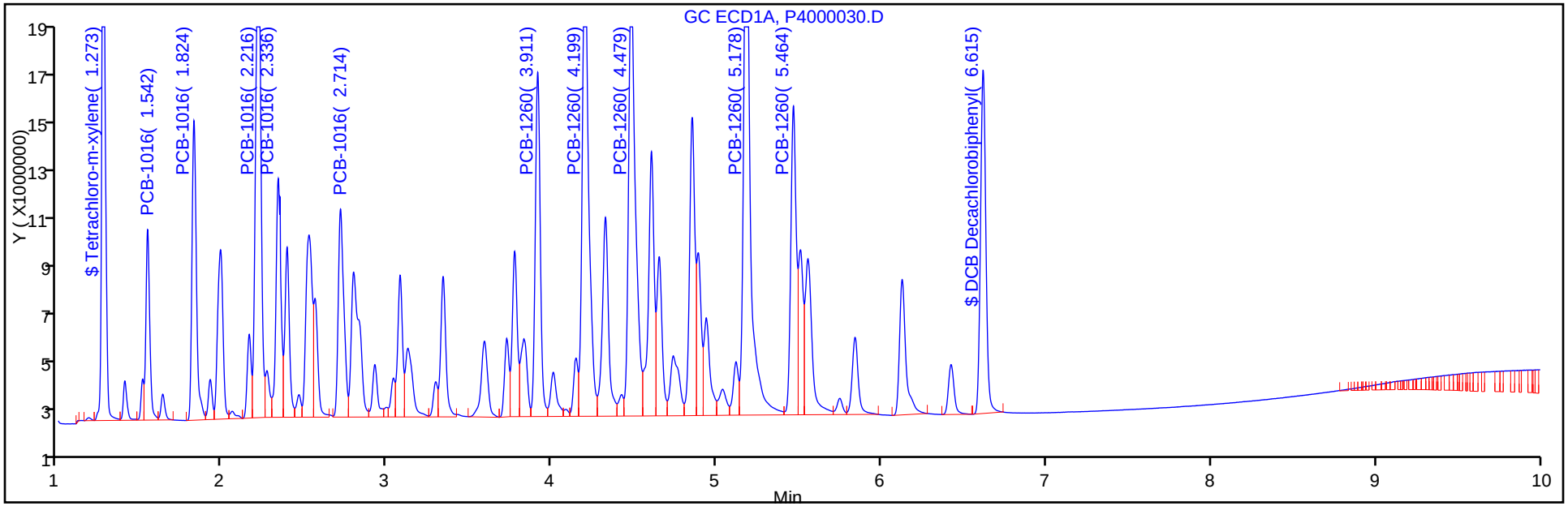
Report Date: 15-Apr-2013 13:05:17 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

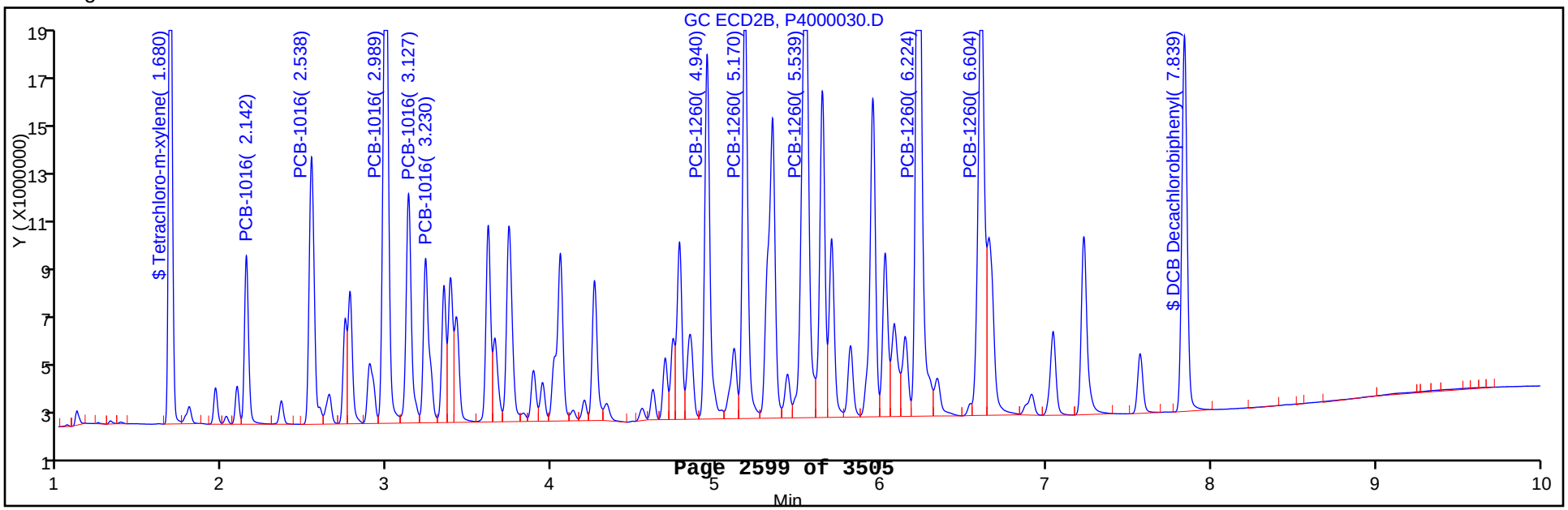
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Injection Date:	15-Apr-2013 06:45:16	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	30
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

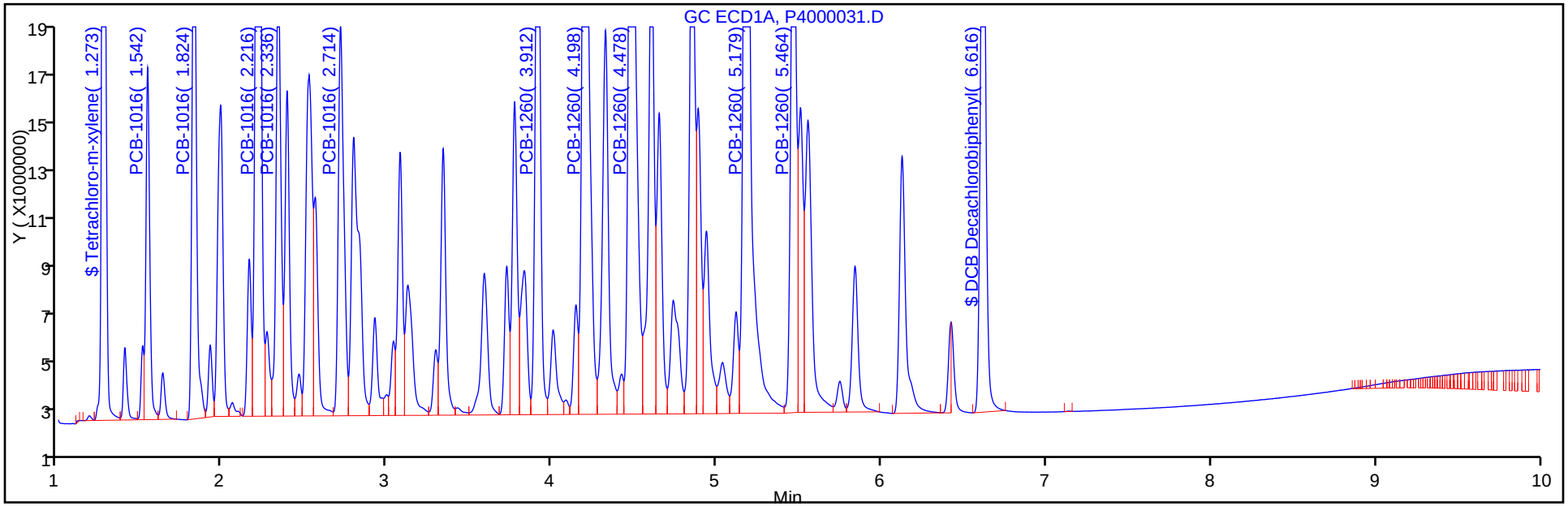
Report Date: 15-Apr-2013 13:05:19 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

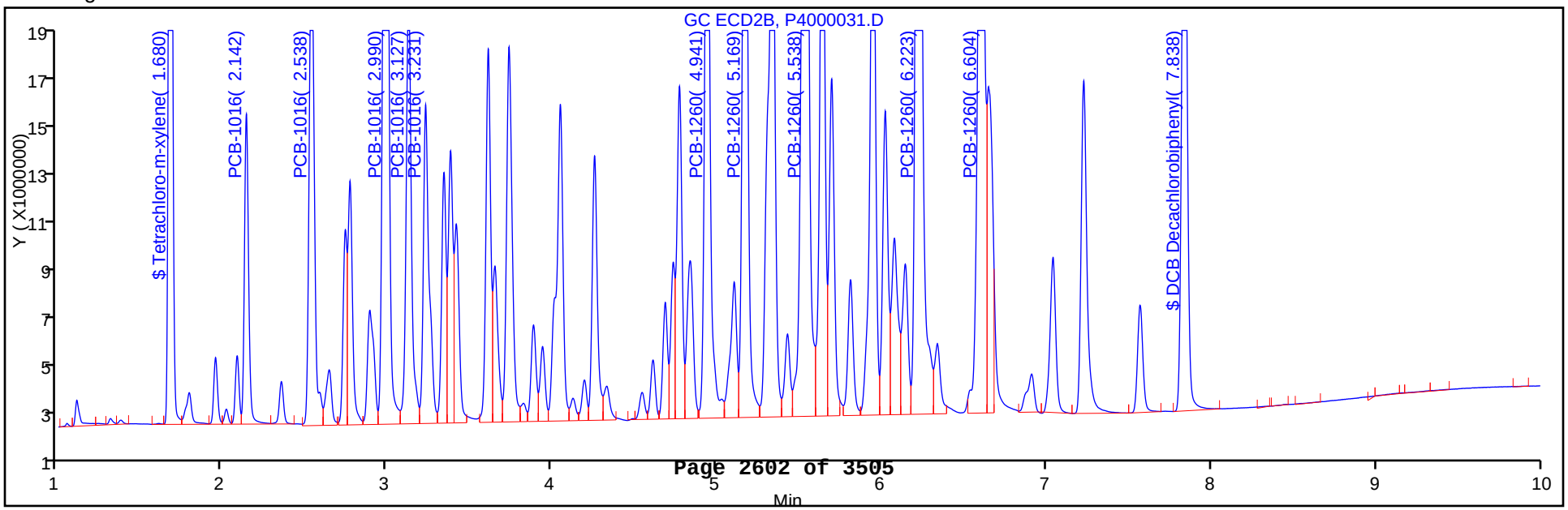
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000031.D

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			

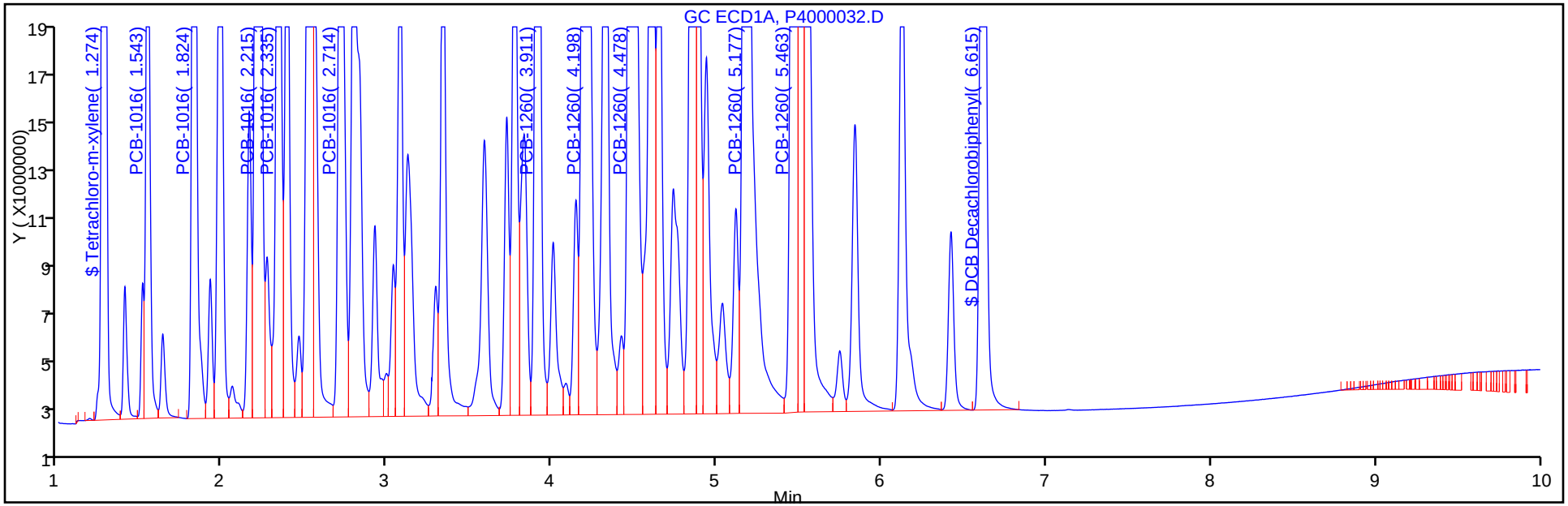
Report Date: 15-Apr-2013 13:05:20 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

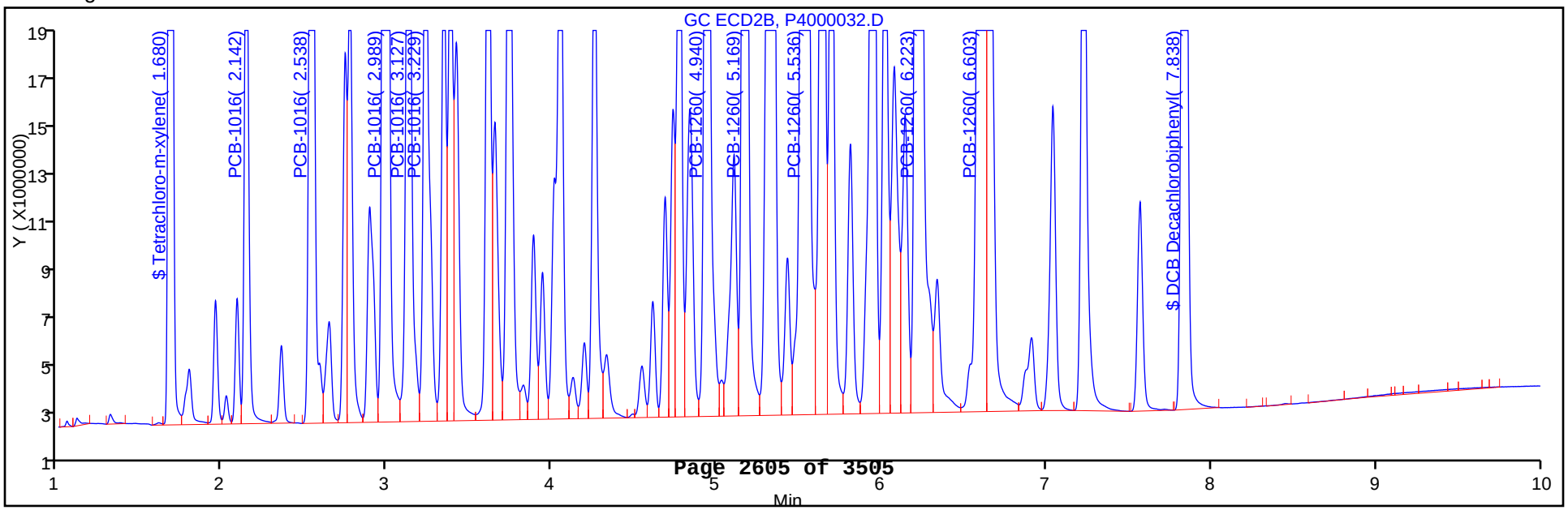
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Injection Date:	15-Apr-2013 07:16:36	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	32
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-22663-1 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.: 240-22663-1 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.: 240-22663-1 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

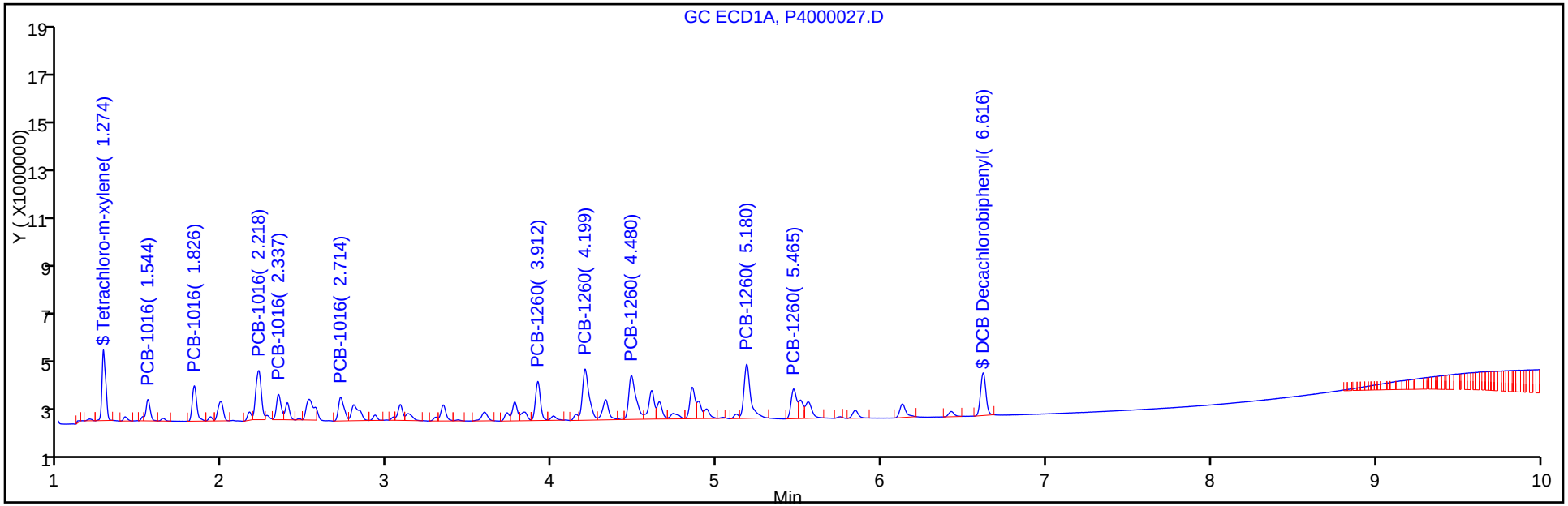
Report Date: 15-Apr-2013 13:05:12 Chrom Revision: 2.0 01-Apr-2013 21:16:10

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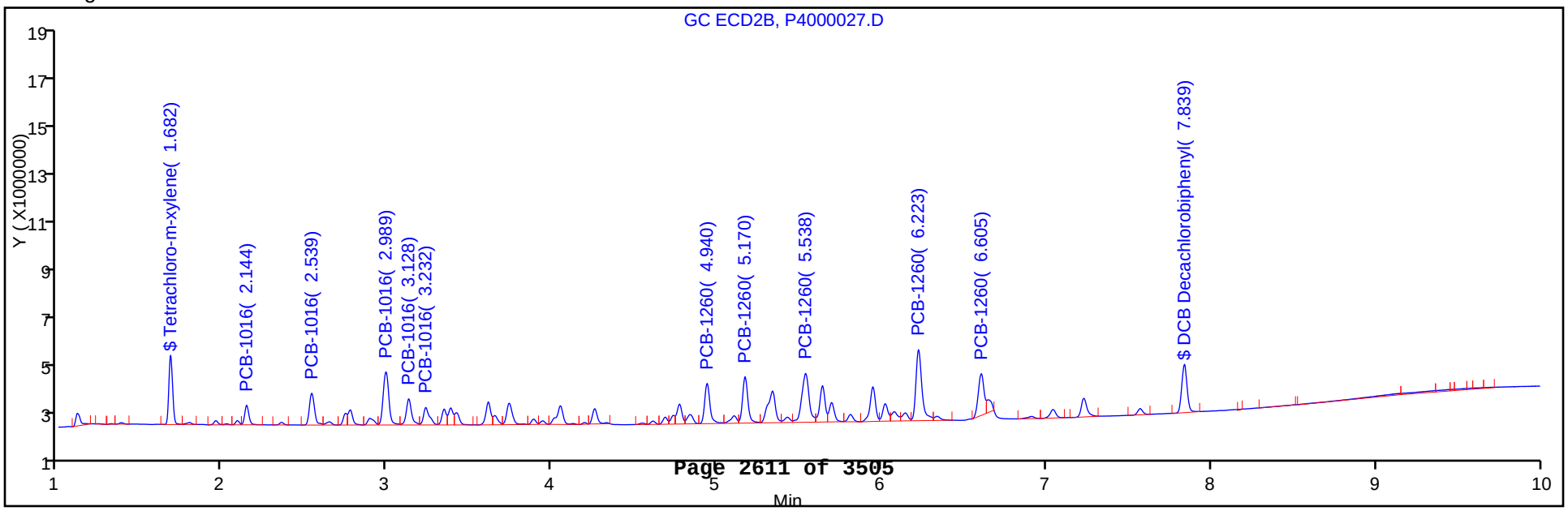
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Injection Date:	15-Apr-2013 05:58:18	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	27
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



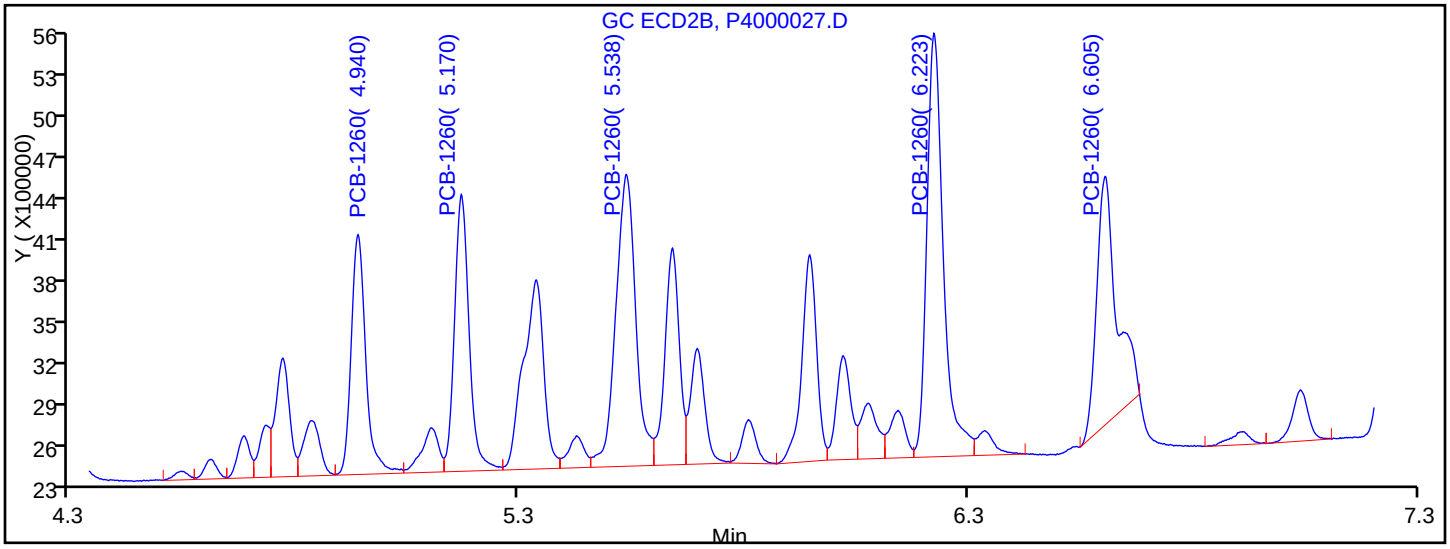
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000027.D

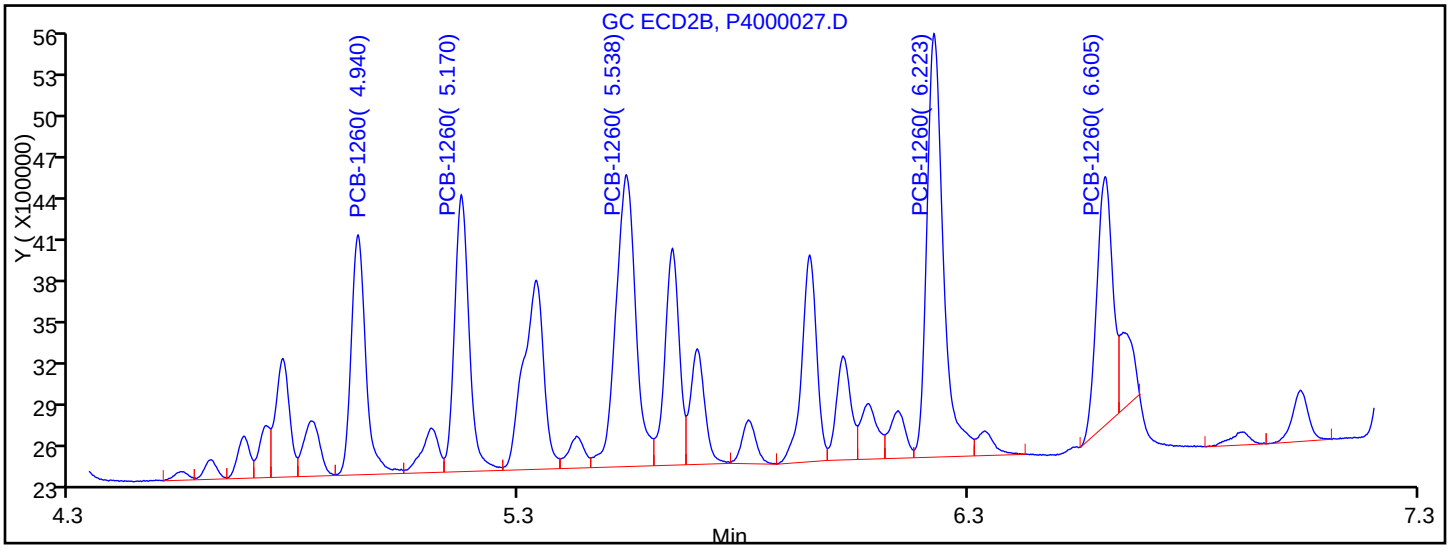
Injection Date:	15-Apr-2013 05:58:18	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	27
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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			

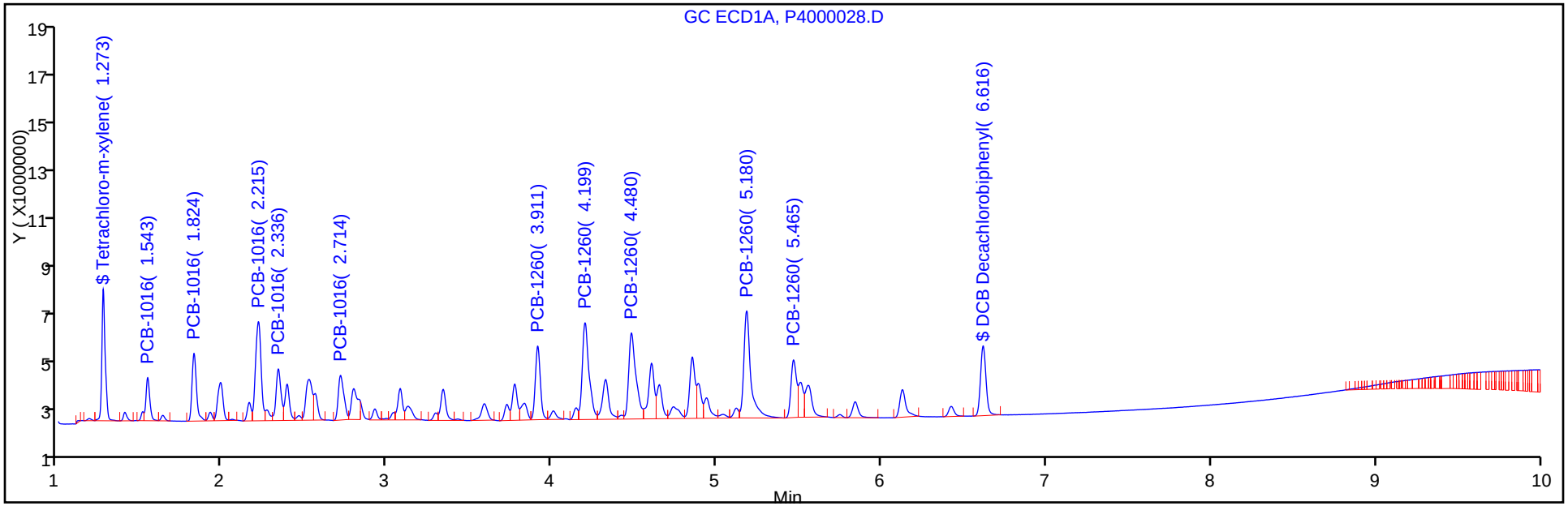
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TestAmerica Canton

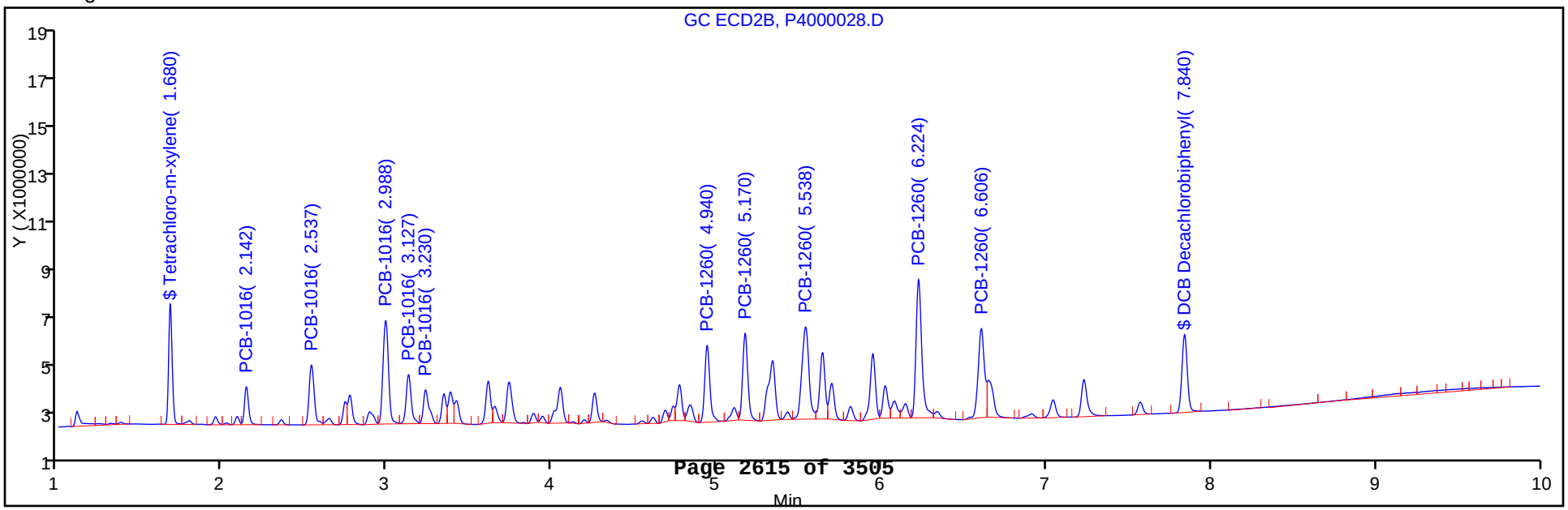
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000028.D

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			

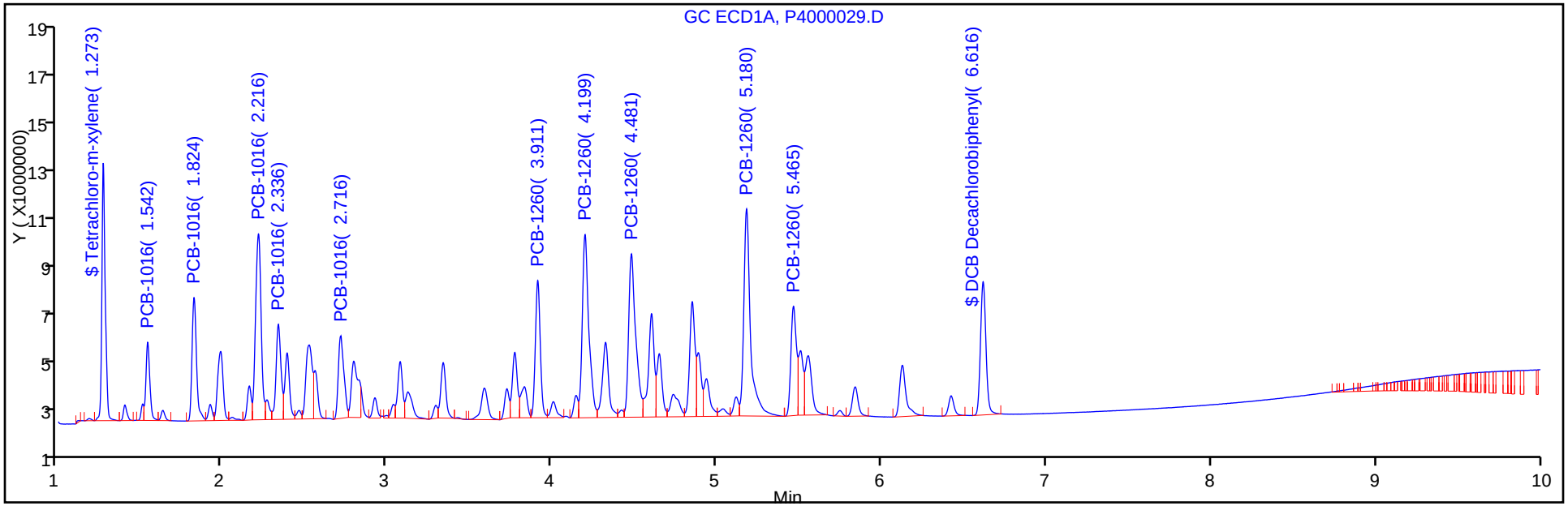
Report Date: 15-Apr-2013 13:05:16 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

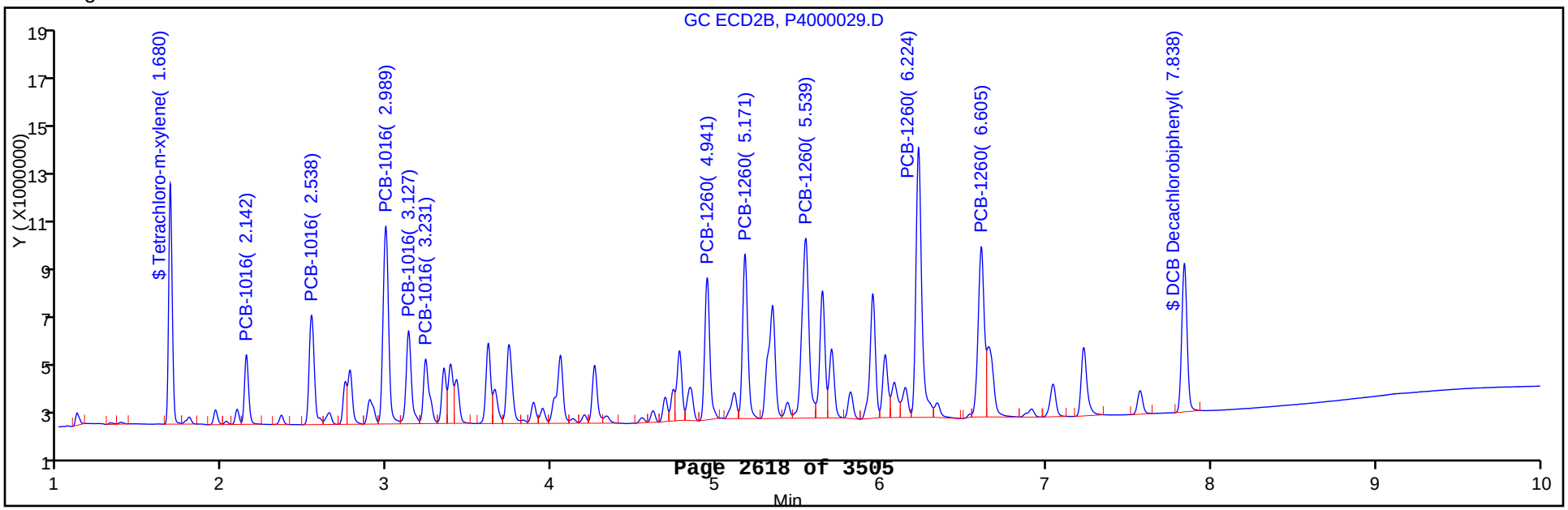
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000029.D

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			

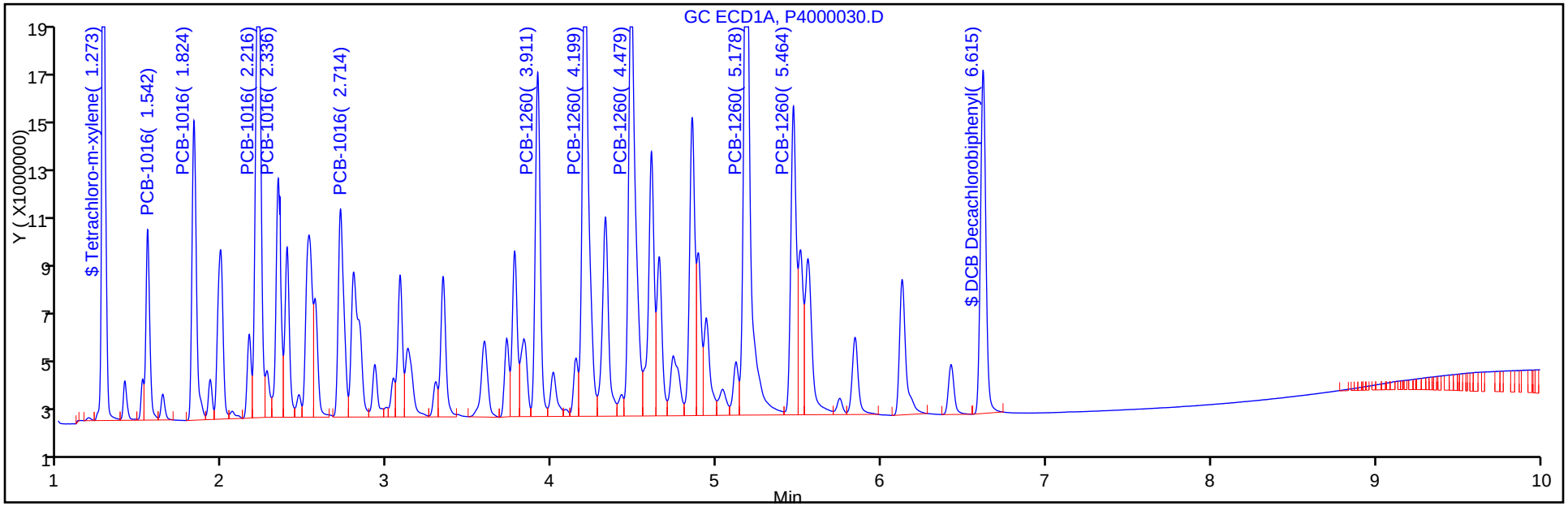
Report Date: 15-Apr-2013 13:05:17 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

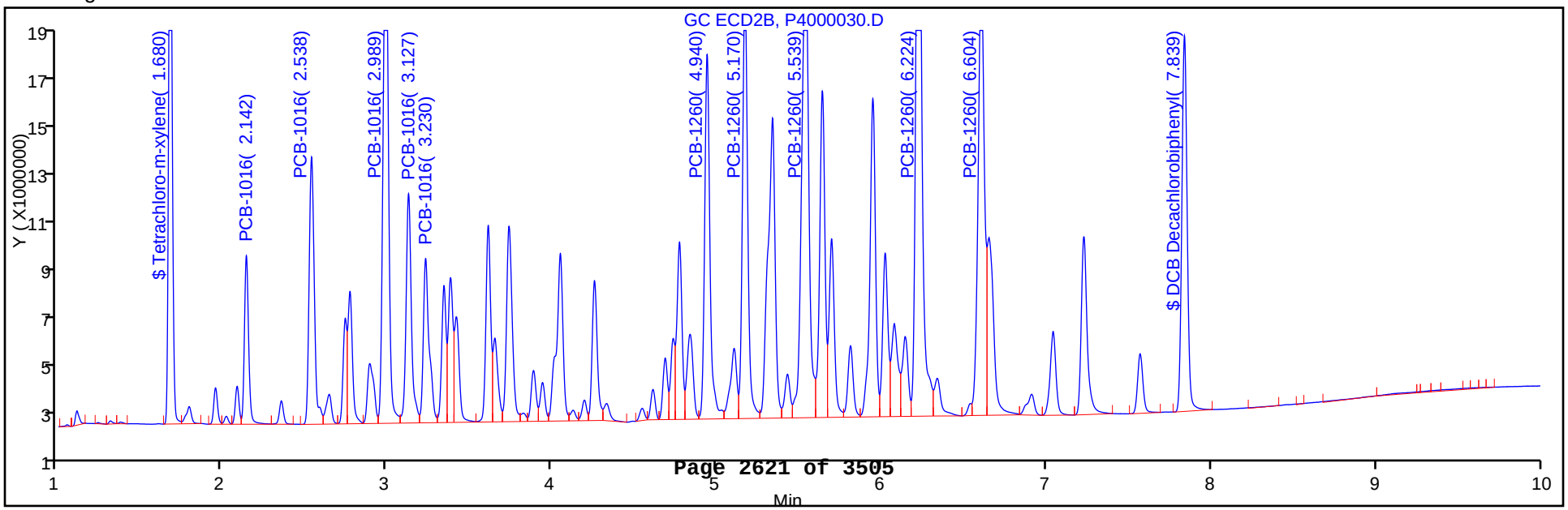
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Injection Date:	15-Apr-2013 06:45:16	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	30
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

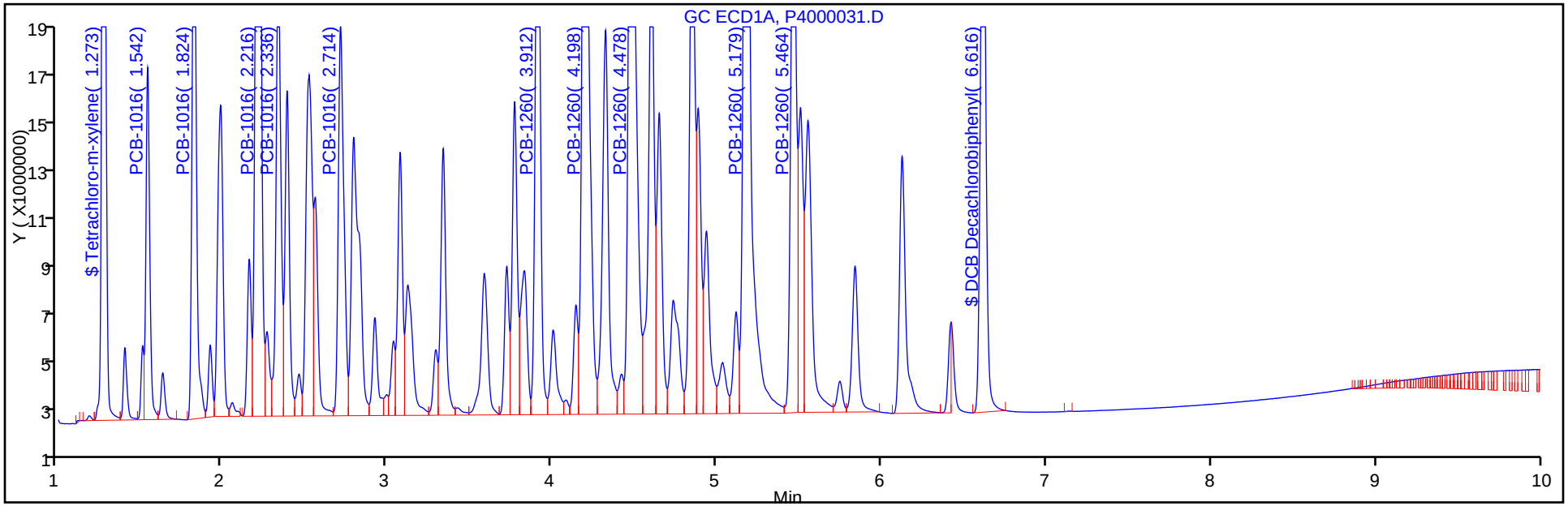
Report Date: 15-Apr-2013 13:05:19 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

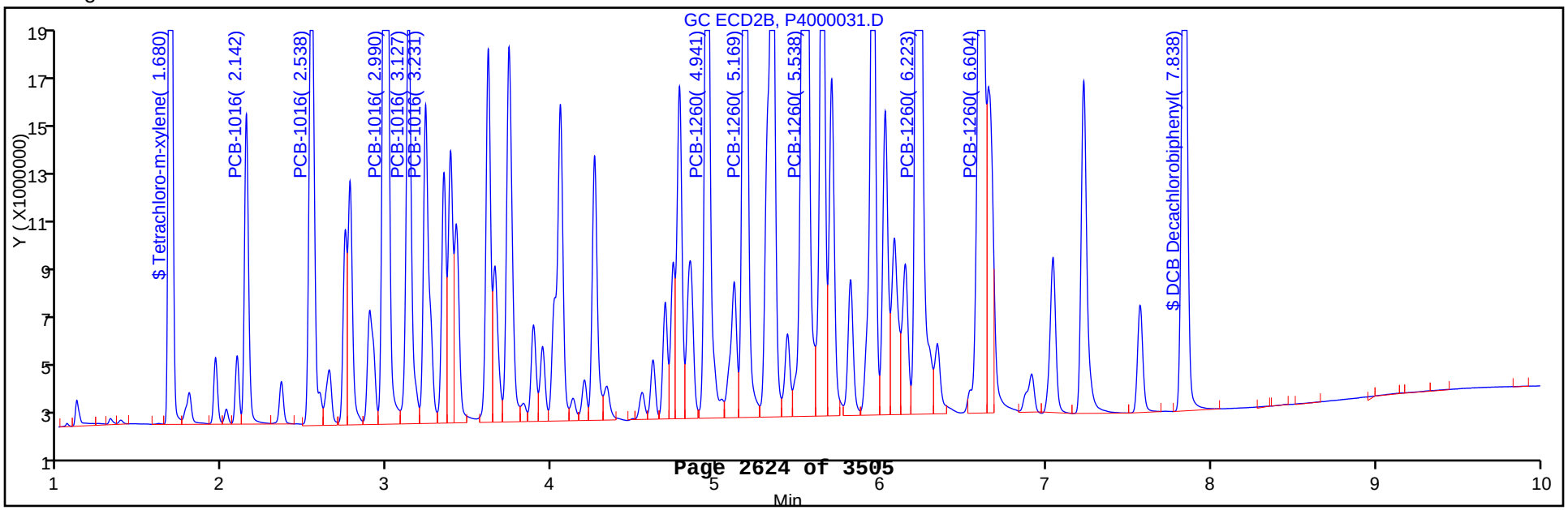
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Injection Date:	15-Apr-2013 07:00:55	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	31
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



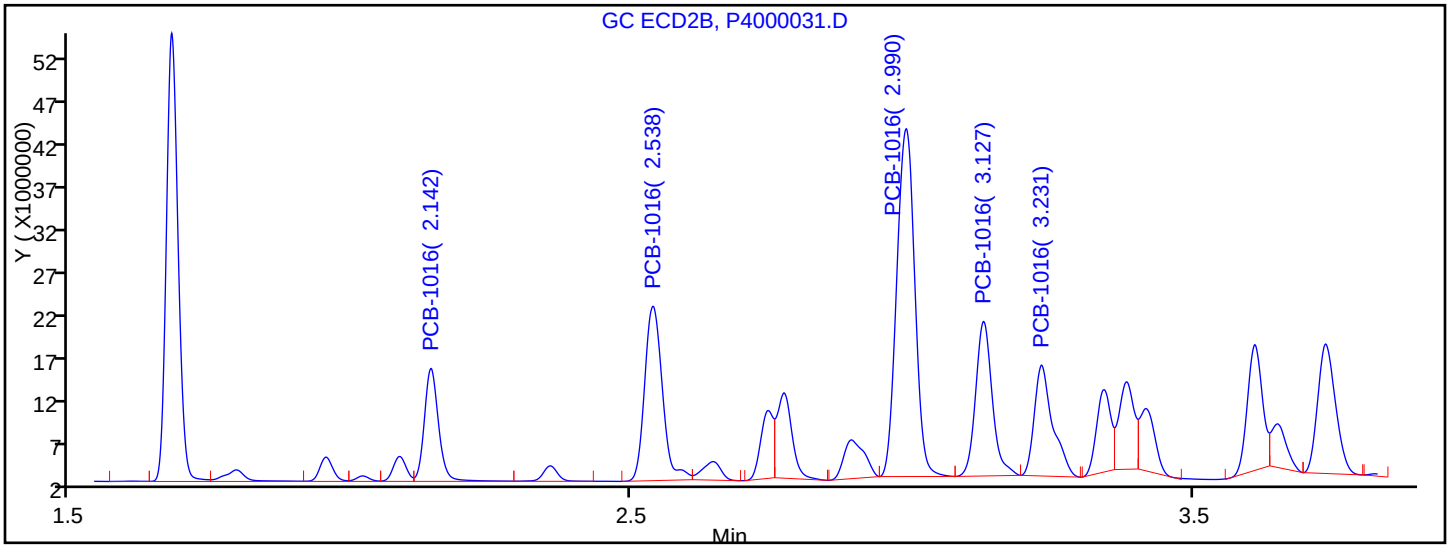
Report Date: 15-Apr-2013 13:05:19 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000031.D

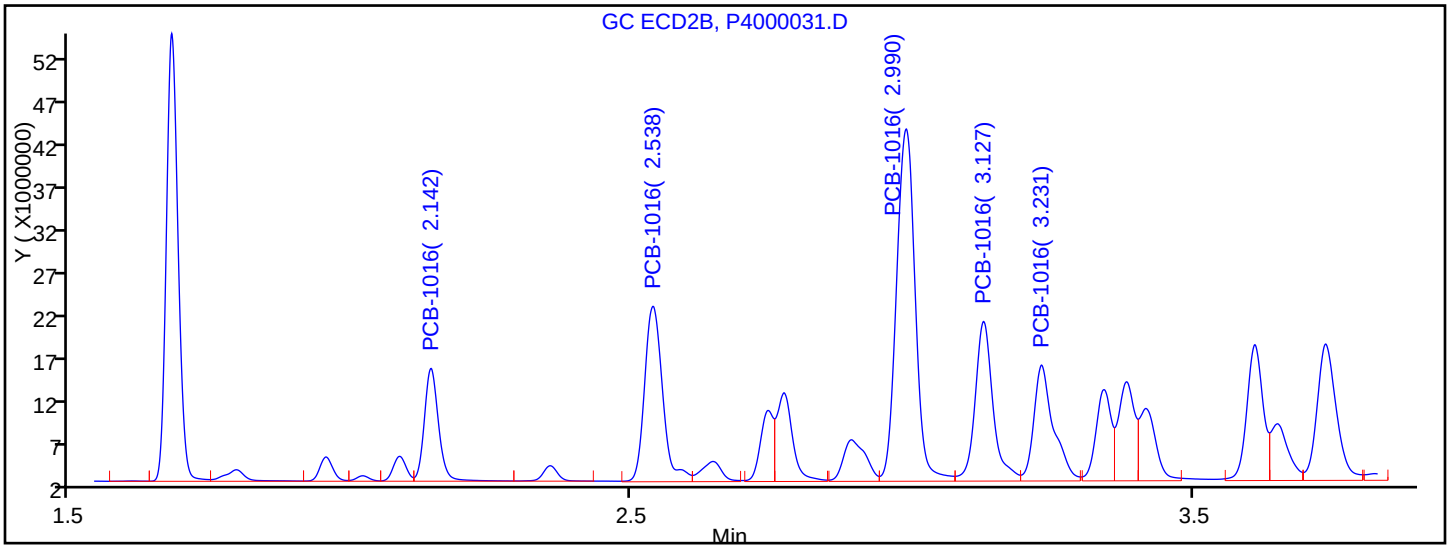
Injection Date:	15-Apr-2013 07:00:55	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	31
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

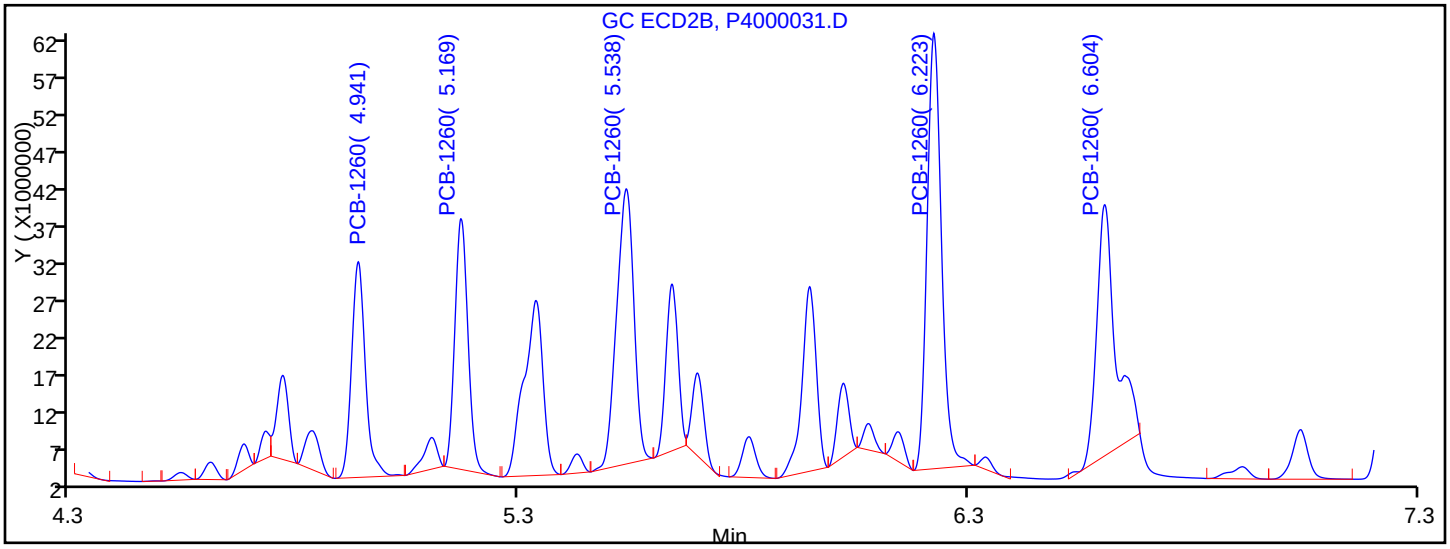
Report Date: 15-Apr-2013 13:05:19 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000031.D

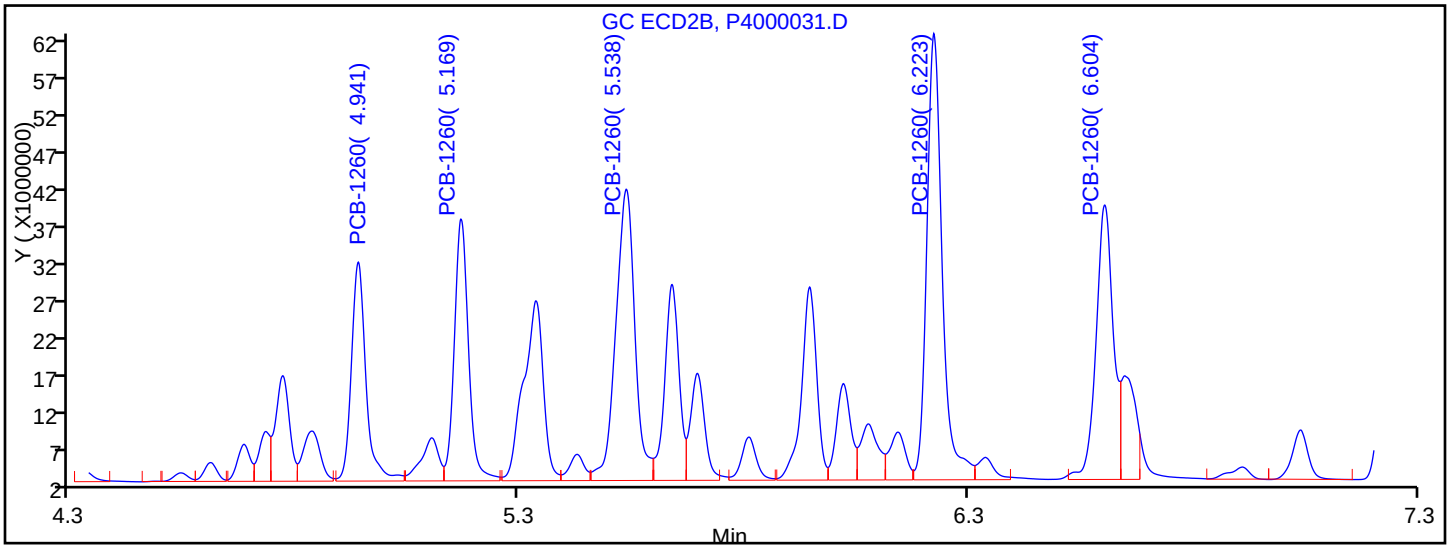
Injection Date:	15-Apr-2013 07:00:55	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	31
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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			

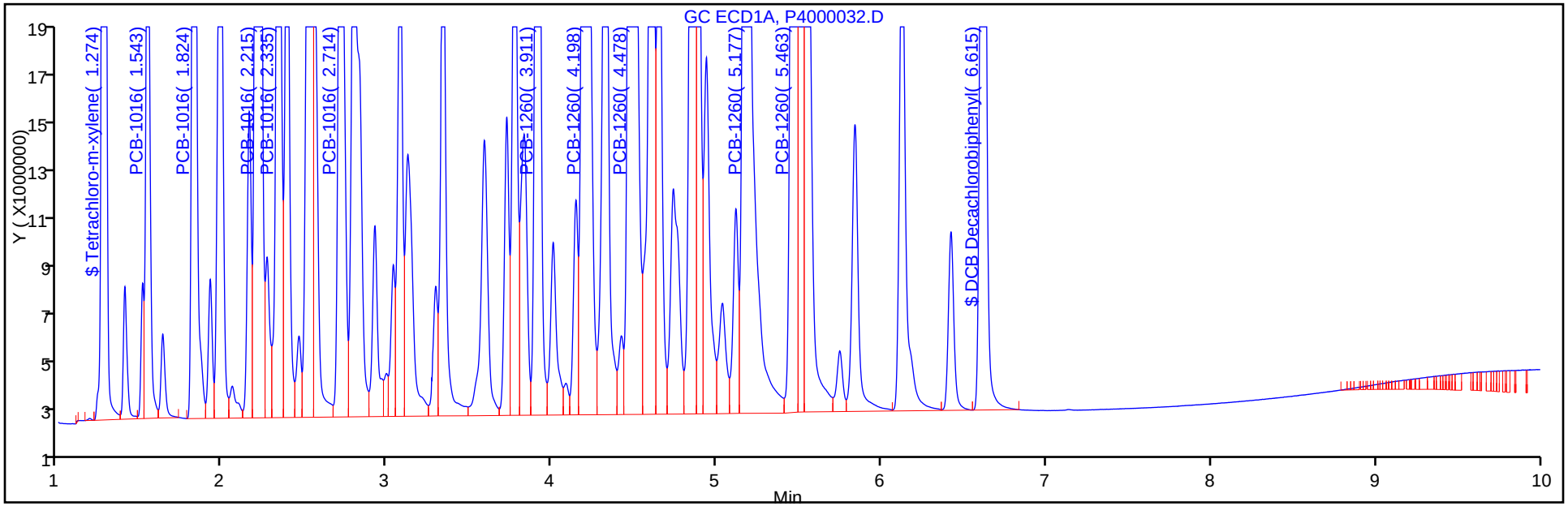
Report Date: 15-Apr-2013 13:05:20 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

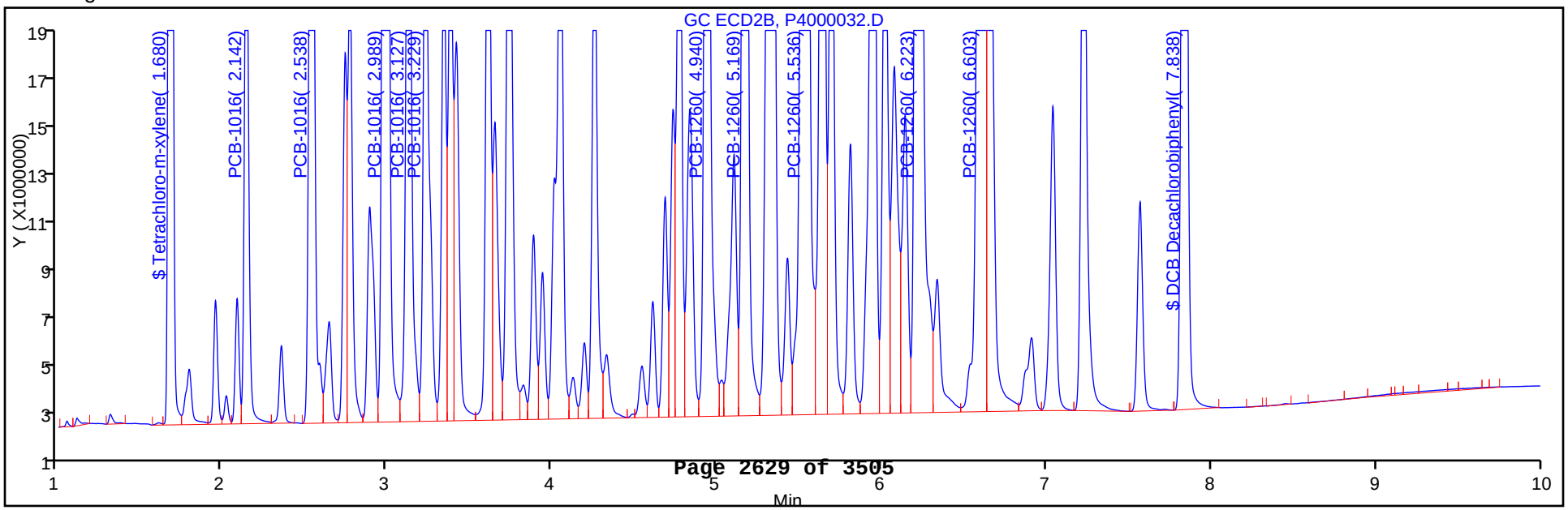
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Injection Date:	15-Apr-2013 07:16:36	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	32
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-22663-1

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.: 240-22663-1

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			

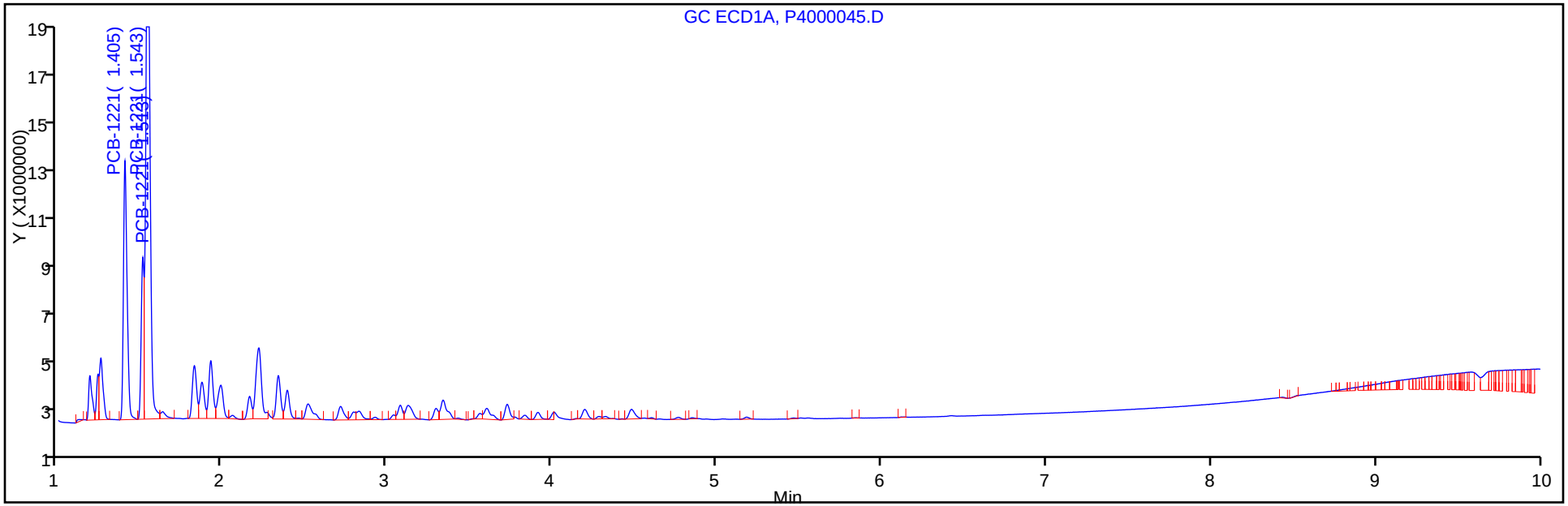
Report Date: 15-Apr-2013 13:05:39 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

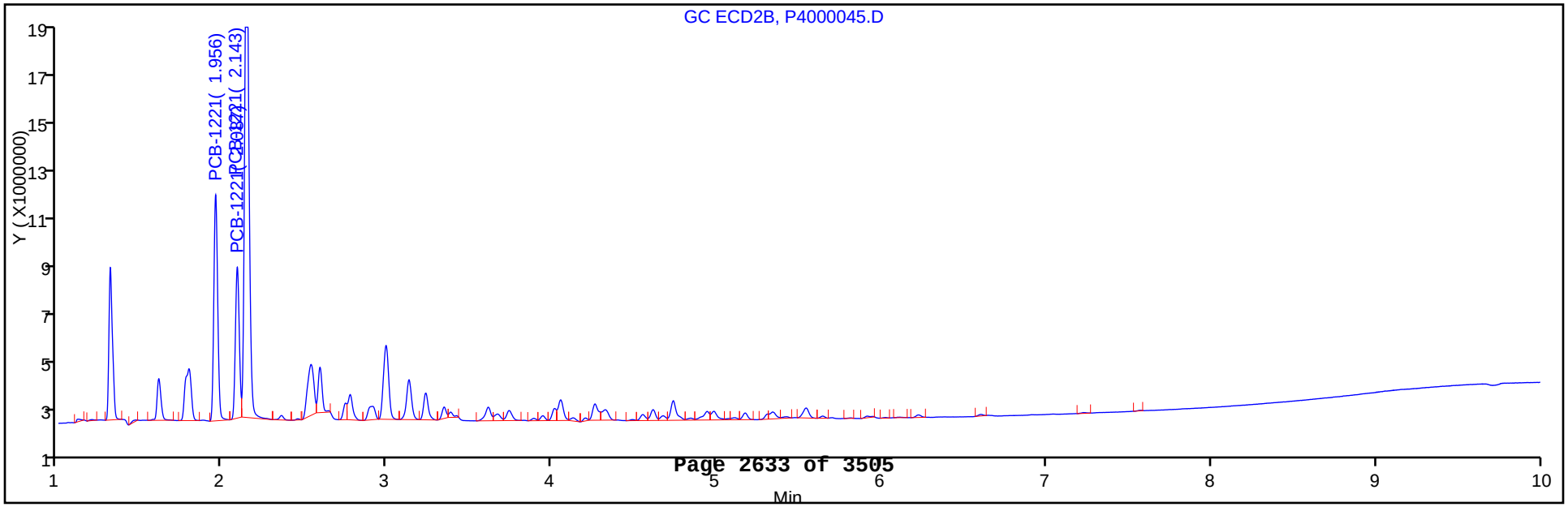
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000045.D

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.: 240-22663-1

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.: 240-22663-1

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			

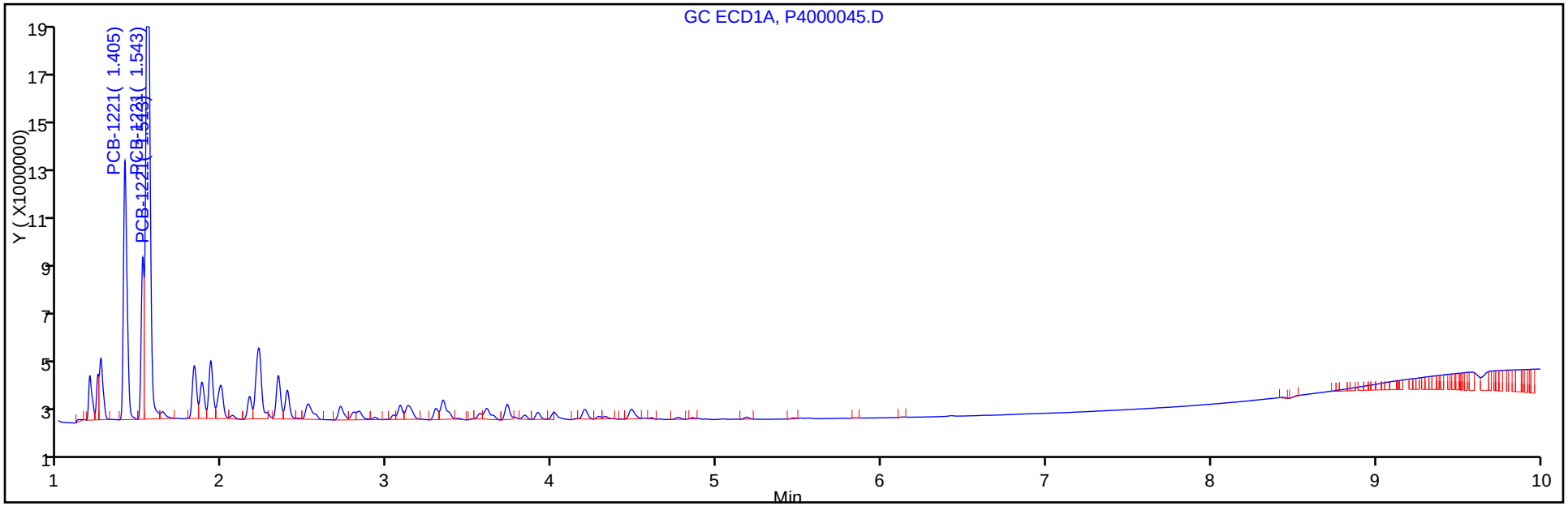
Report Date: 15-Apr-2013 13:05:39 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

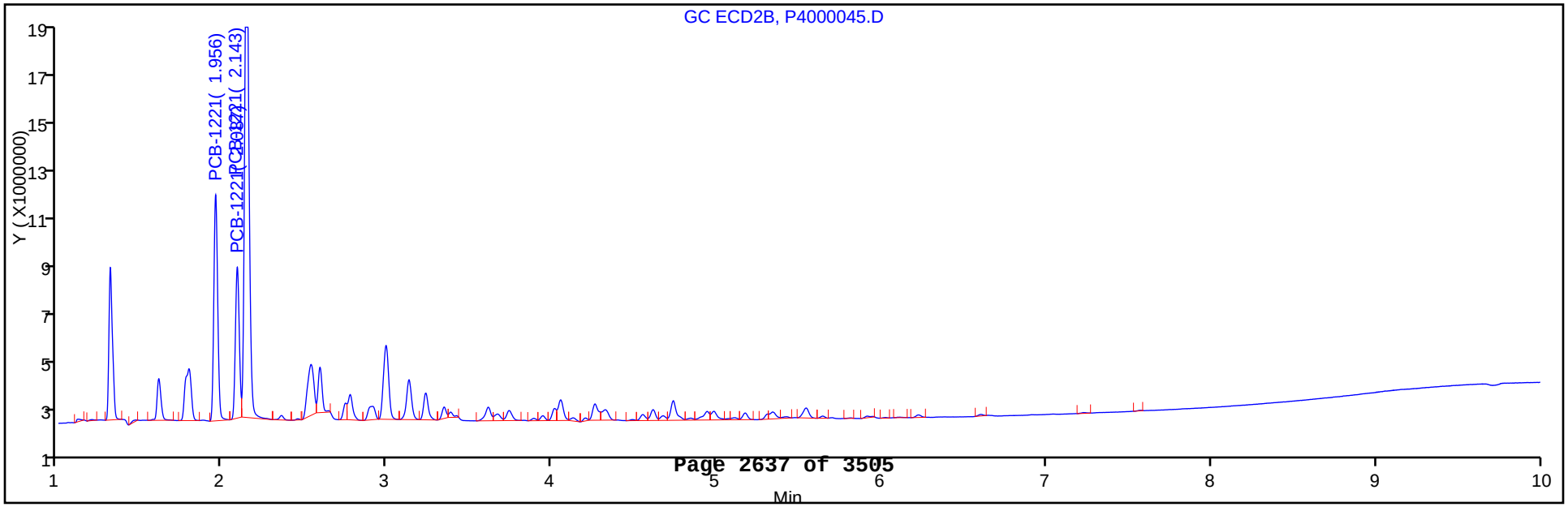
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000045.D

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.: 240-22663-1

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.: 240-22663-1

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

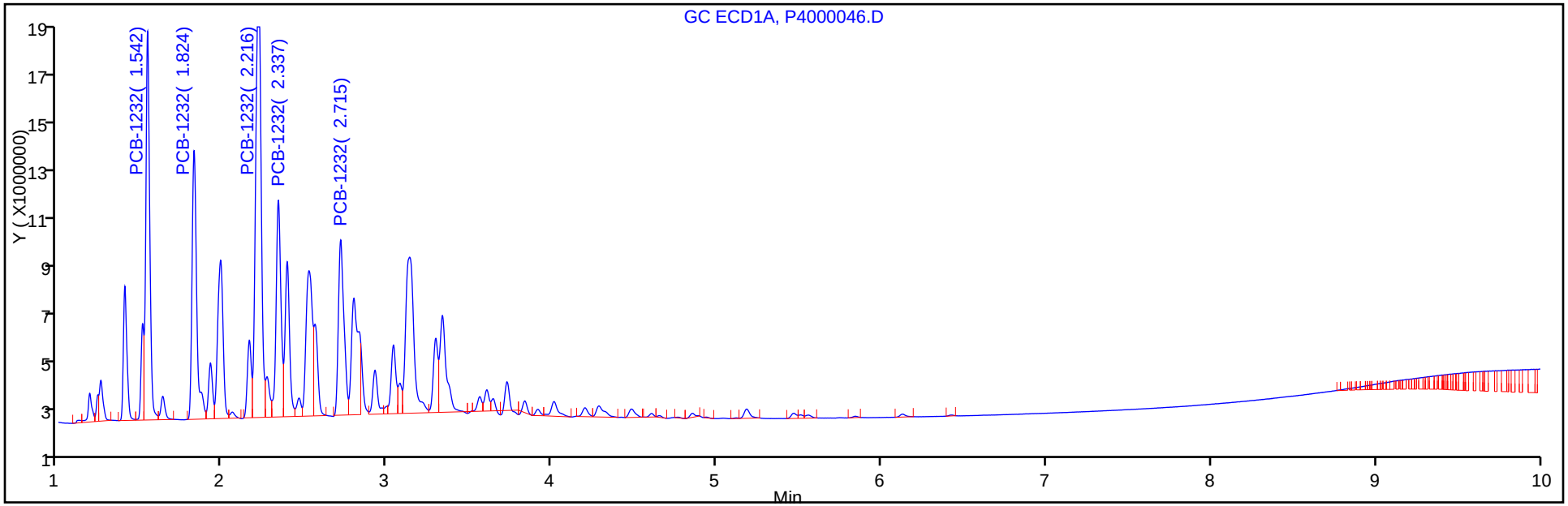
Report Date: 15-Apr-2013 13:05:41 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

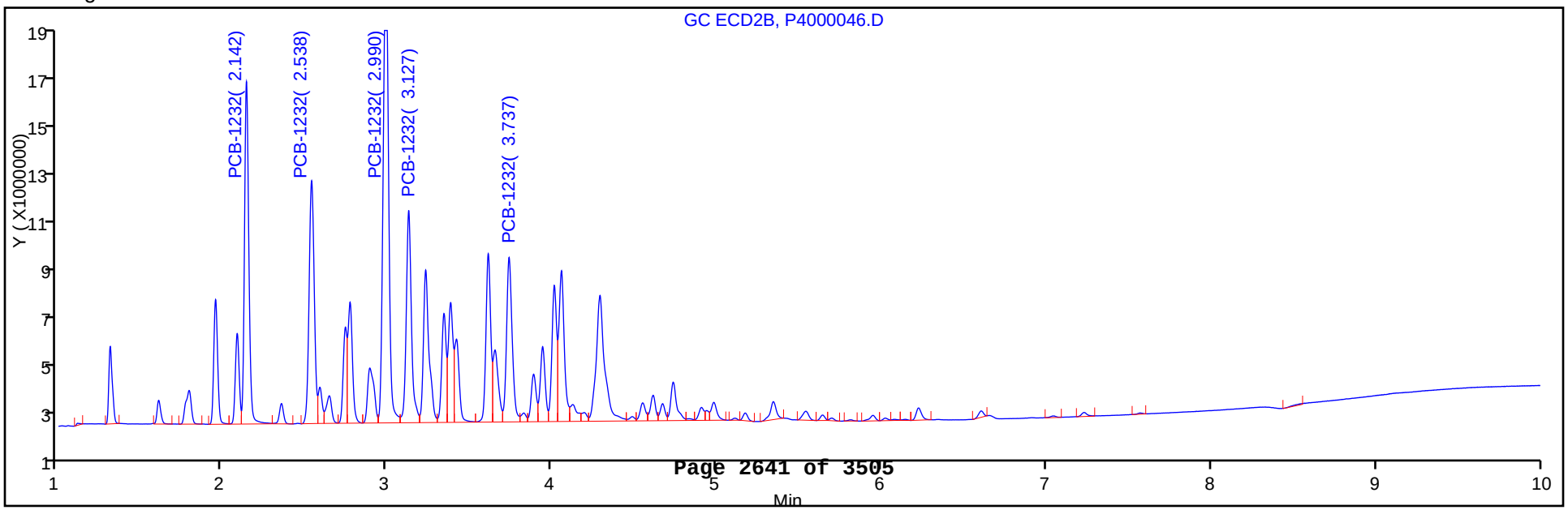
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000046.D

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



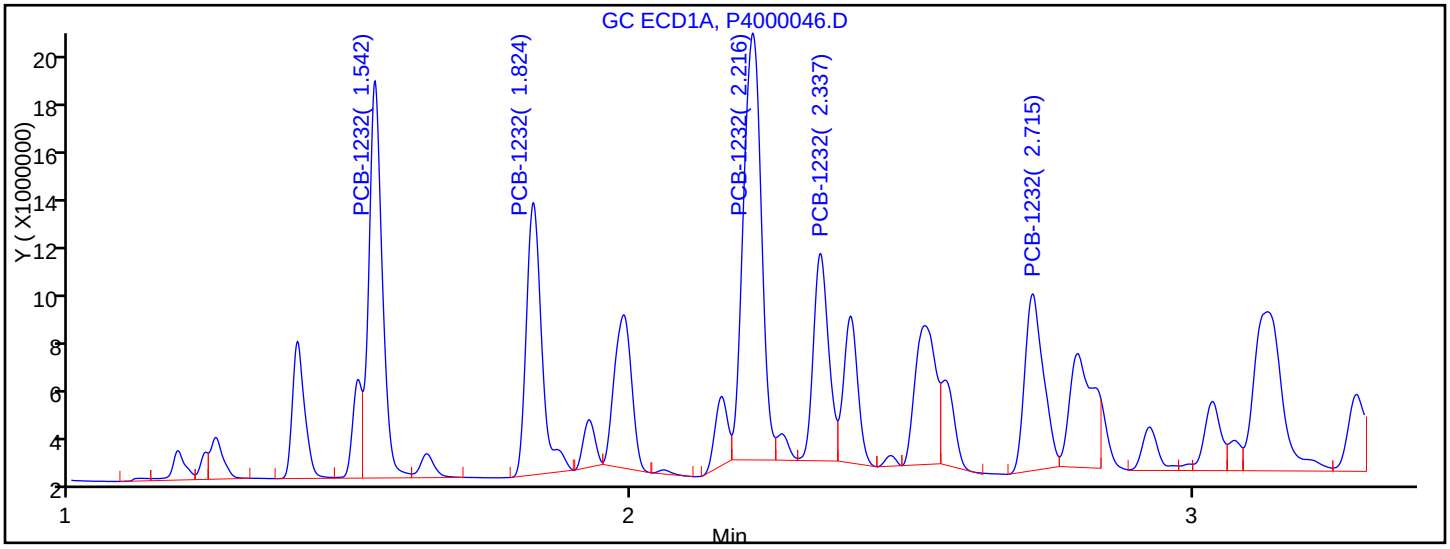
Report Date: 15-Apr-2013 13:05:41 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

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

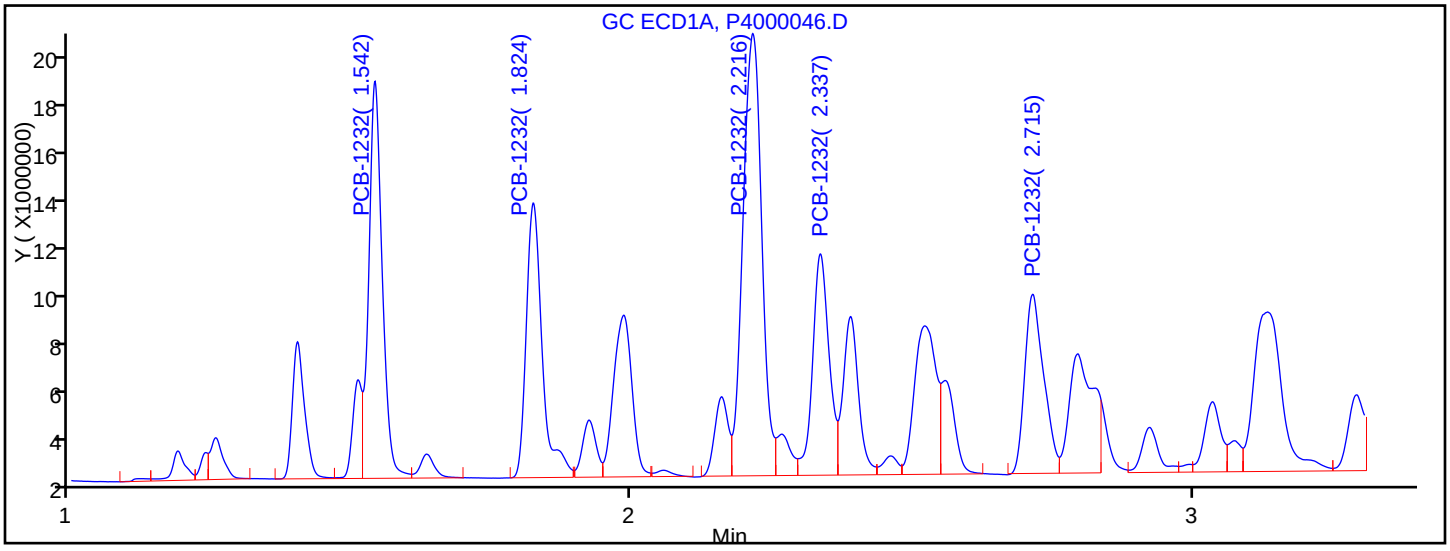
Injection Date:	15-Apr-2013 10:56:12	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	46
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-22663-1

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.: 240-22663-1

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

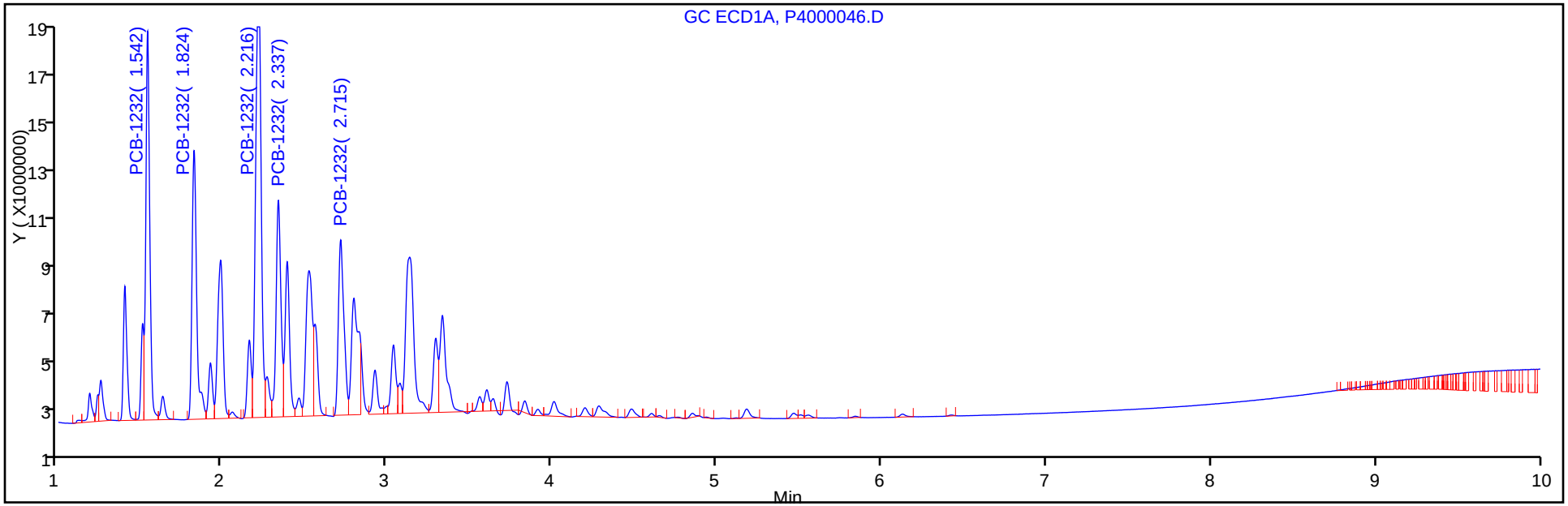
Report Date: 15-Apr-2013 13:05:42 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

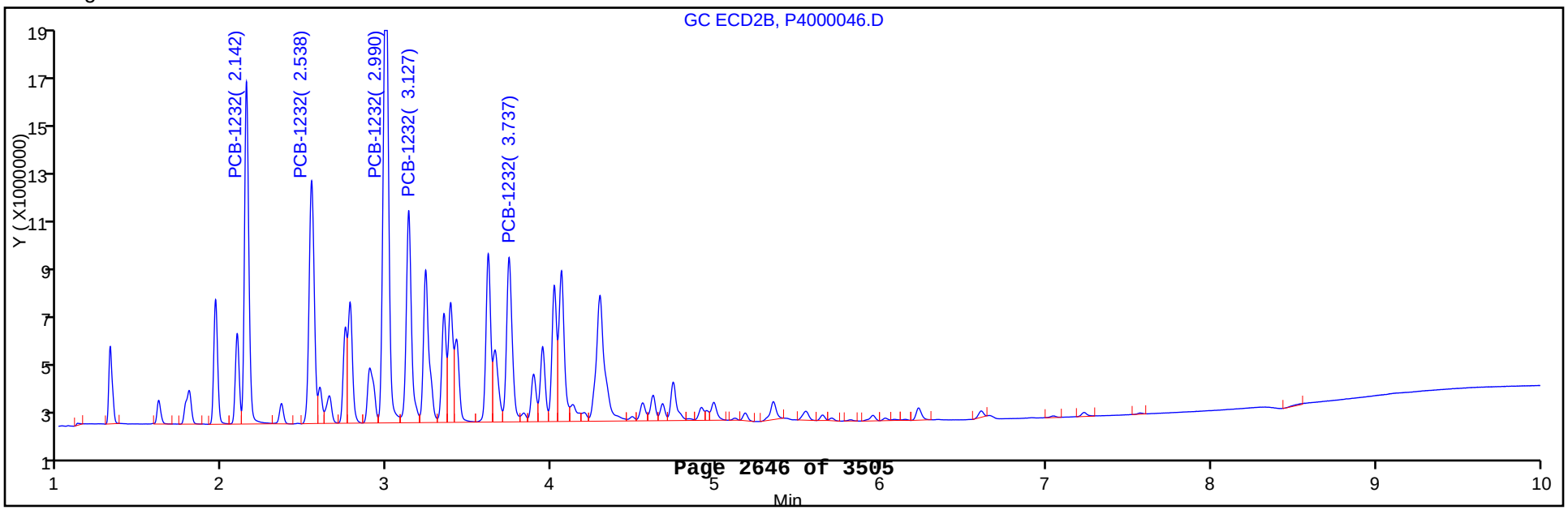
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000046.D

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.: 240-22663-1

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.: 240-22663-1

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

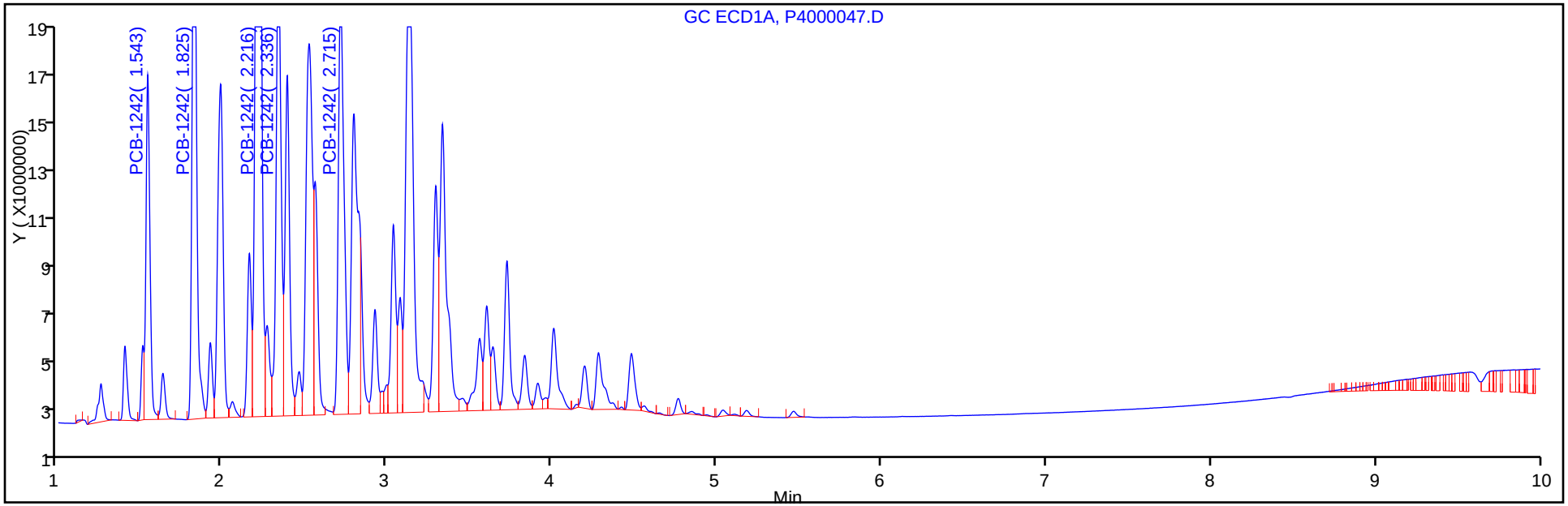
Report Date: 15-Apr-2013 13:05:44 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

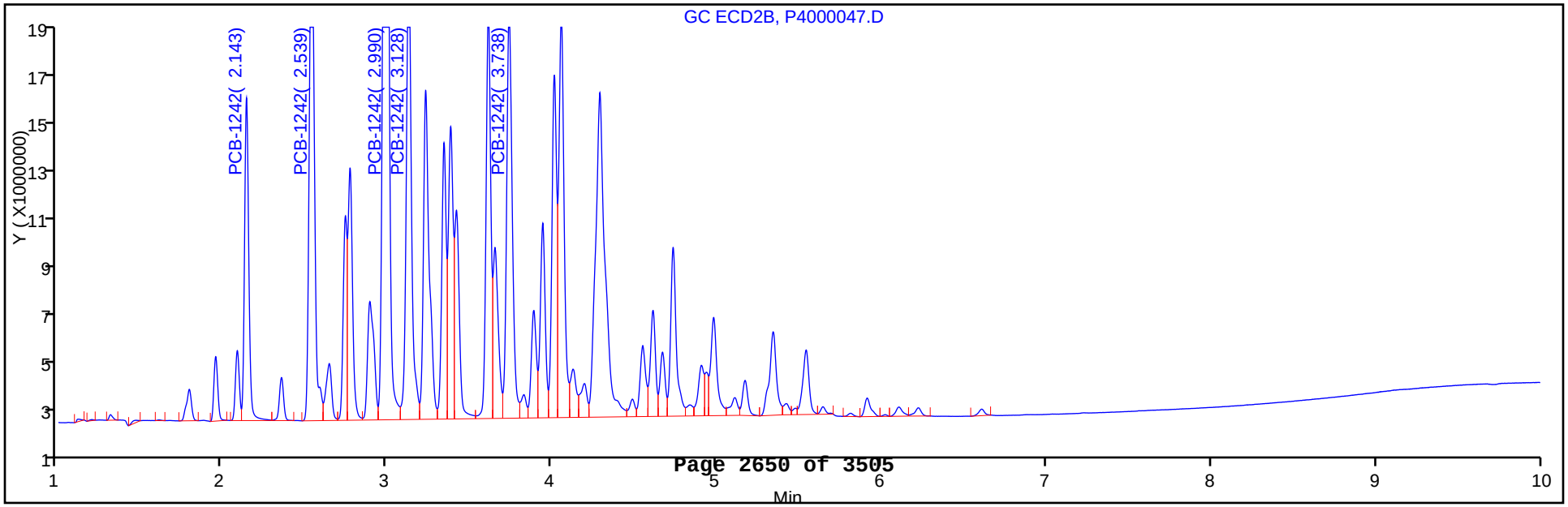
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000047.D

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



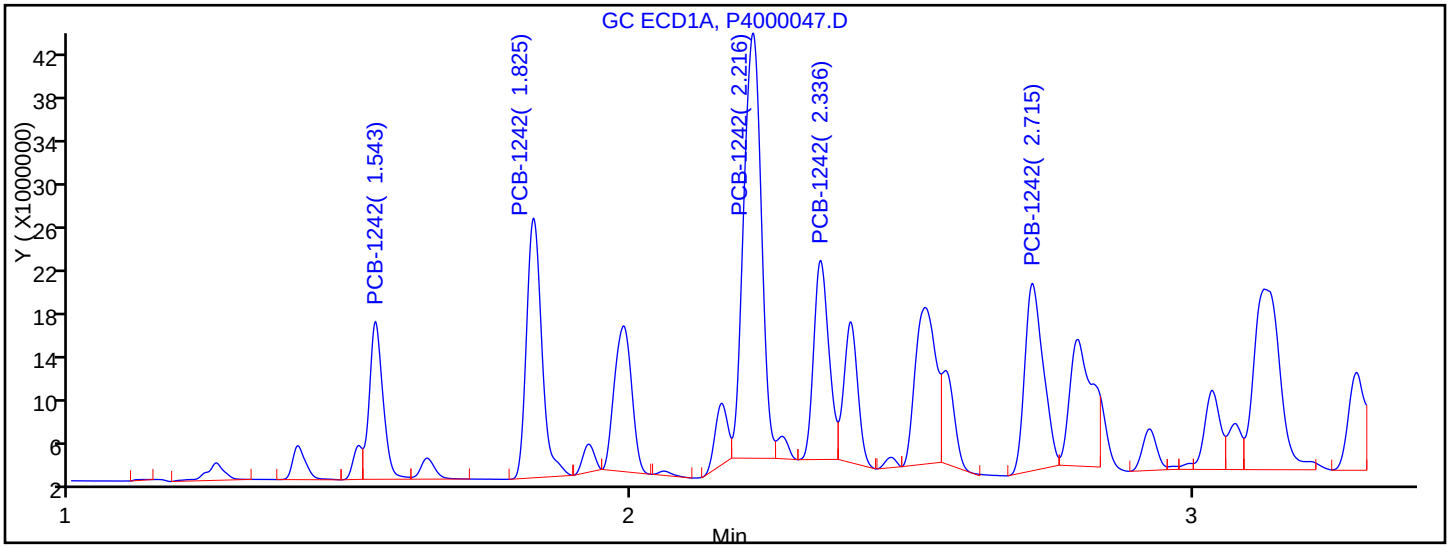
Report Date: 15-Apr-2013 13:05:44 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

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

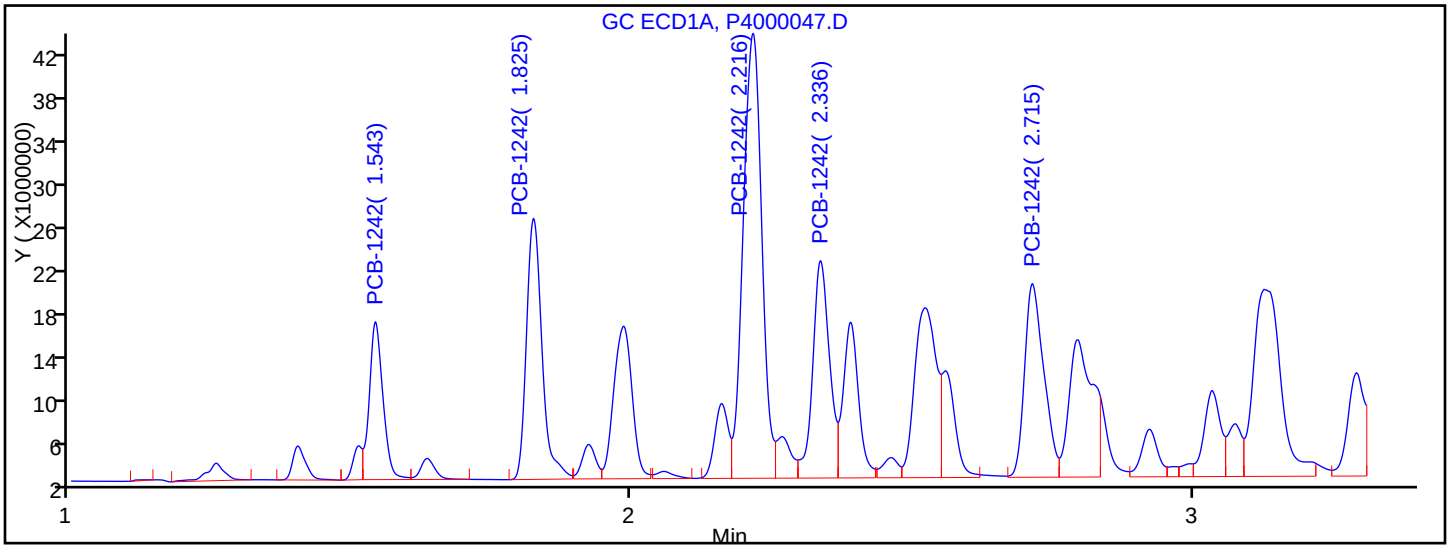
Injection Date:	15-Apr-2013 11:11:48	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	47
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-22663-1

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.: 240-22663-1

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

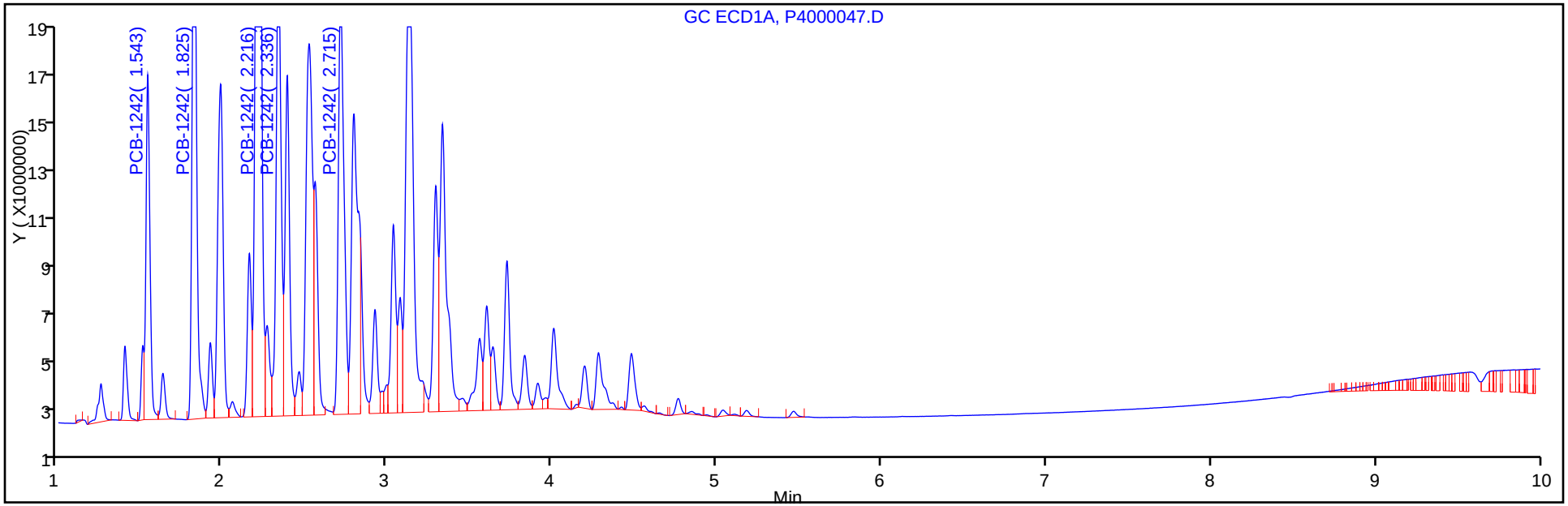
Report Date: 15-Apr-2013 13:05:44 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

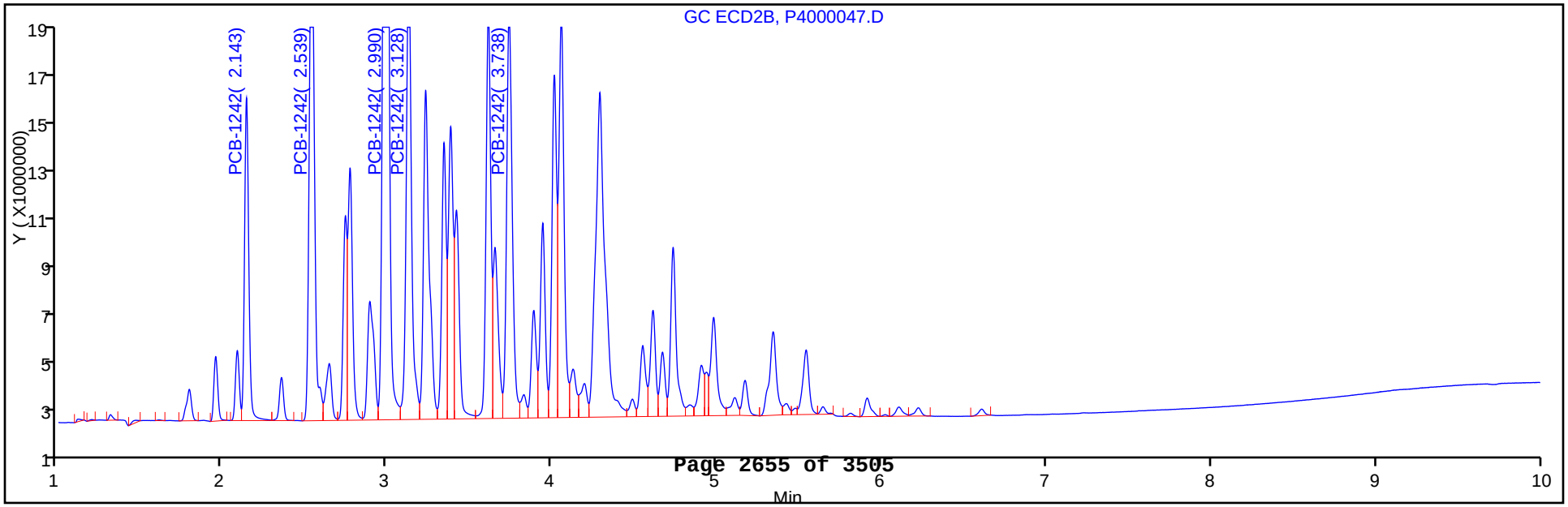
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000047.D

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.: 240-22663-1

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.: 240-22663-1

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			

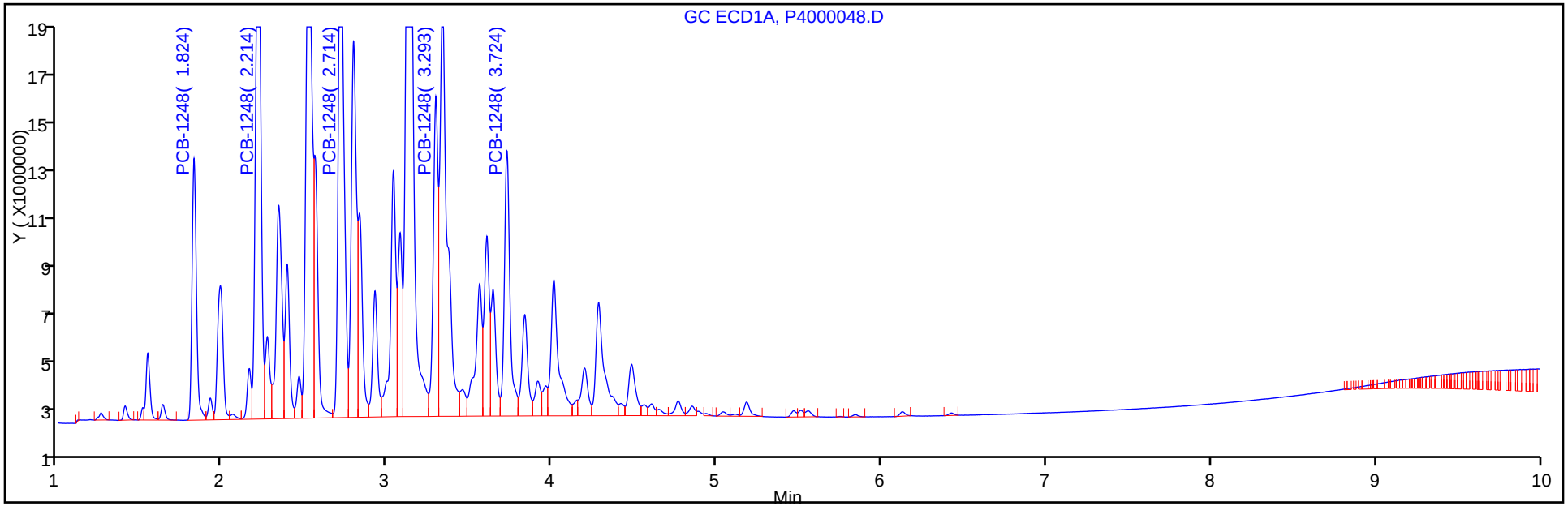
Report Date: 15-Apr-2013 13:05:47 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

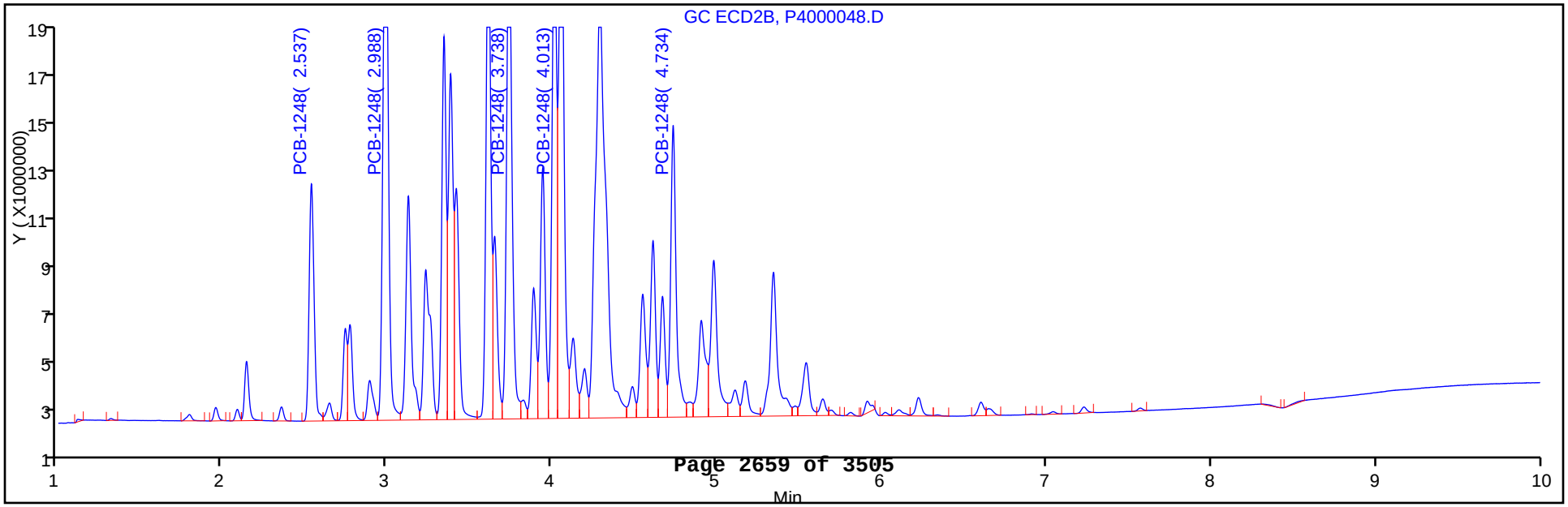
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000048.D

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.: 240-22663-1

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.: 240-22663-1

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			

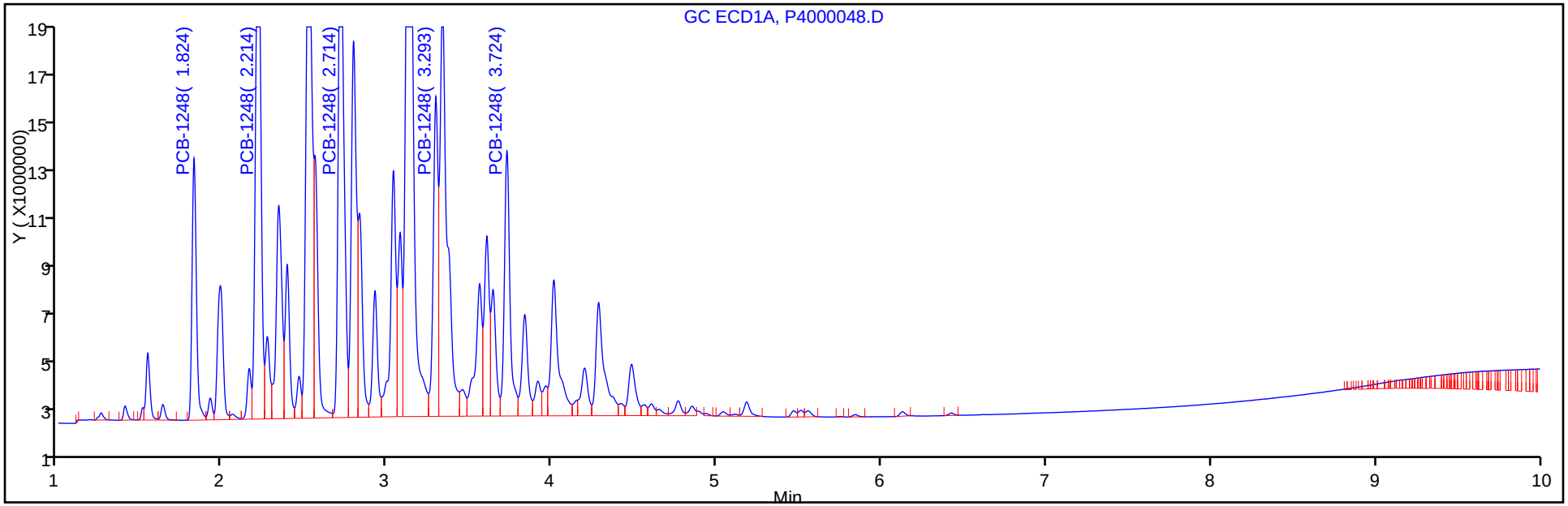
Report Date: 15-Apr-2013 13:05:47 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

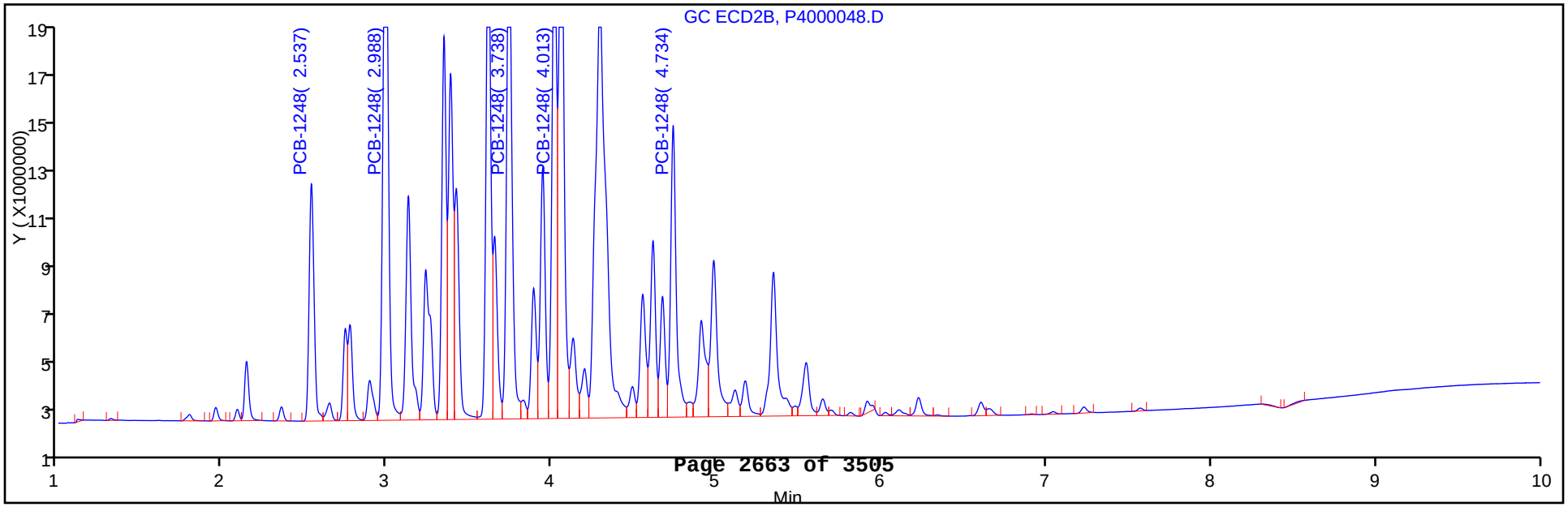
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000048.D

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.: 240-22663-1

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.: 240-22663-1

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

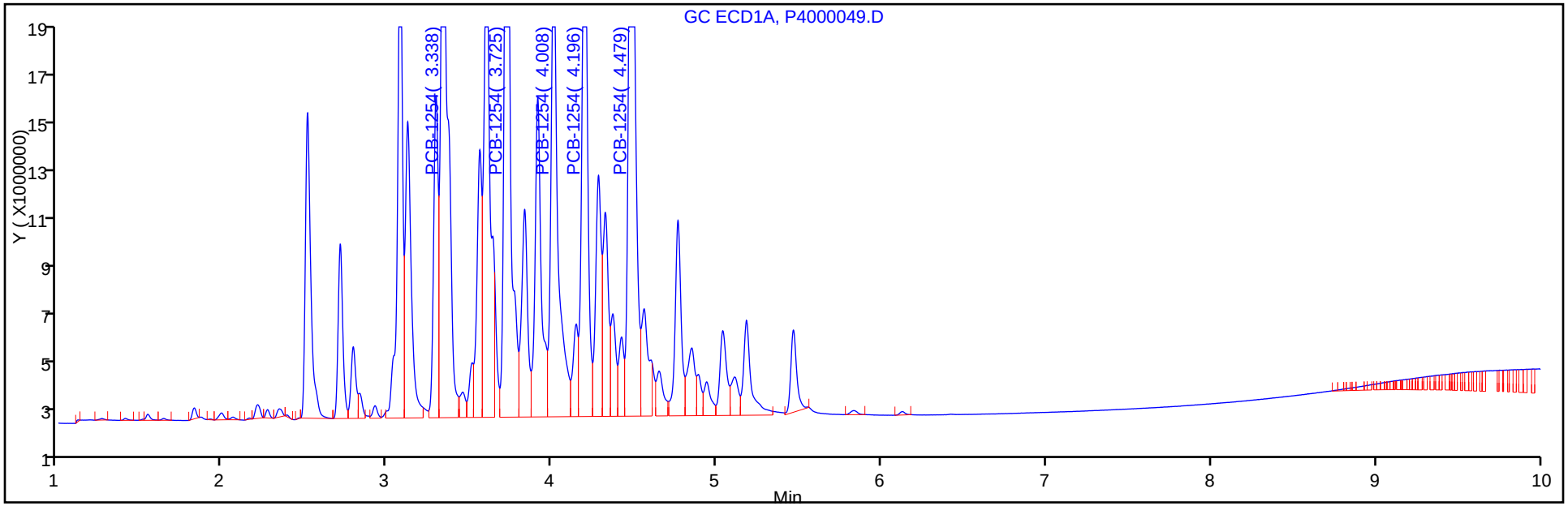
Report Date: 15-Apr-2013 13:05:49 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

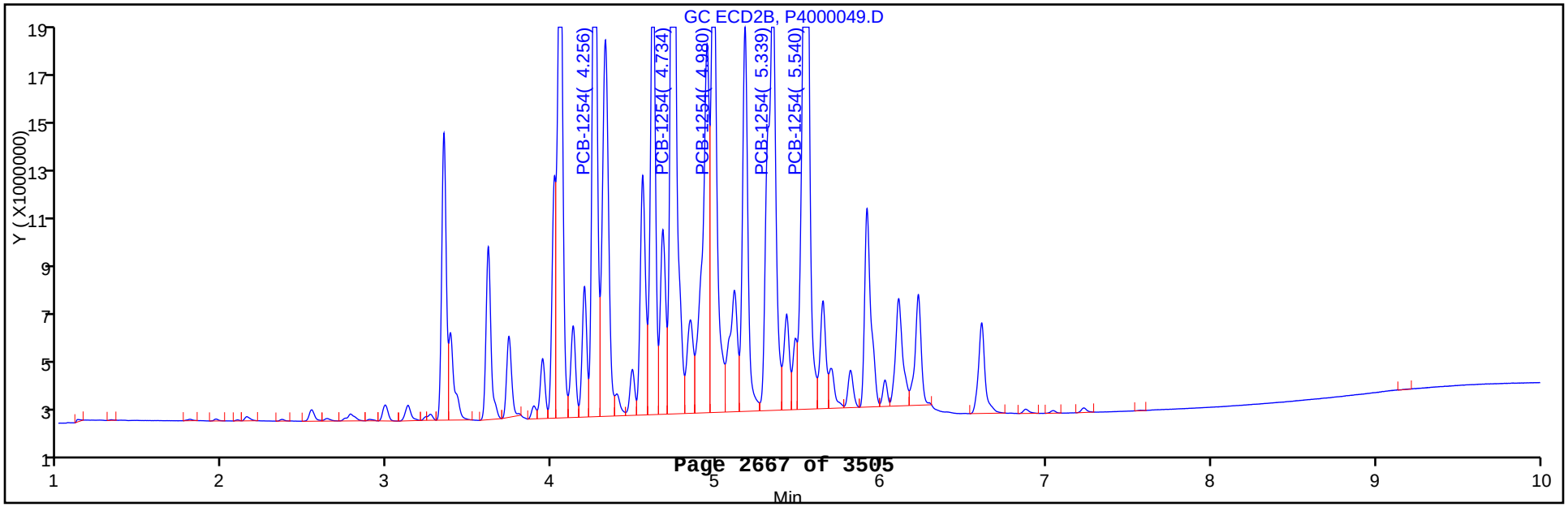
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Injection Date:	15-Apr-2013 11:43:08	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	49
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



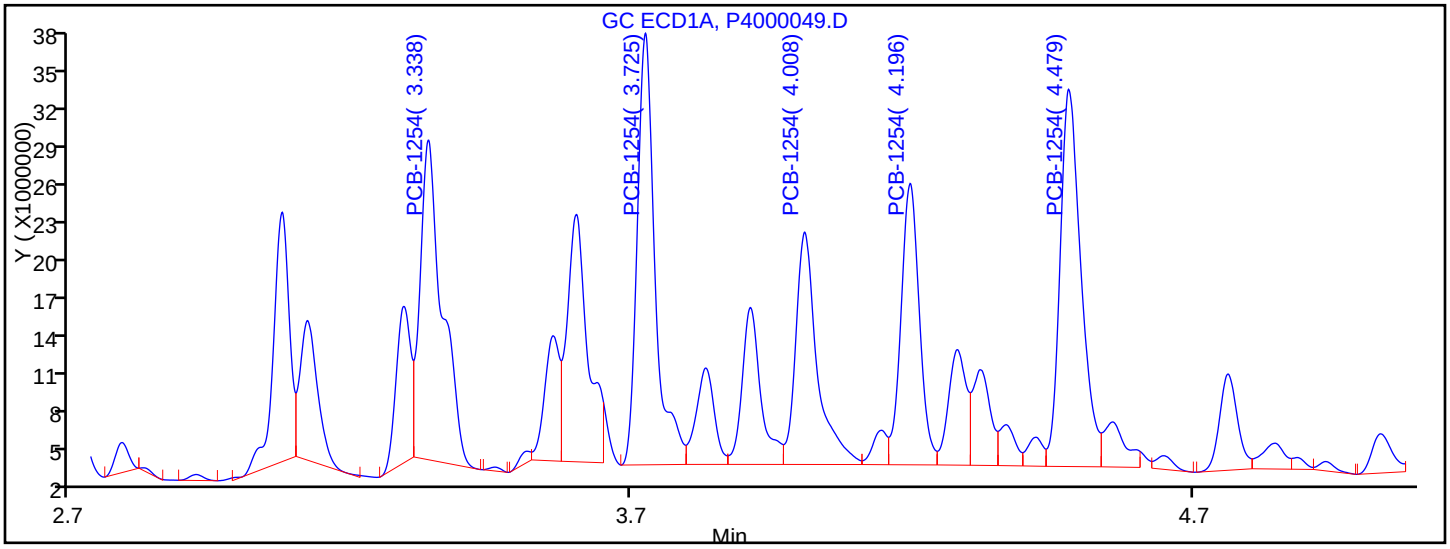
Report Date: 15-Apr-2013 13:05:49 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

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

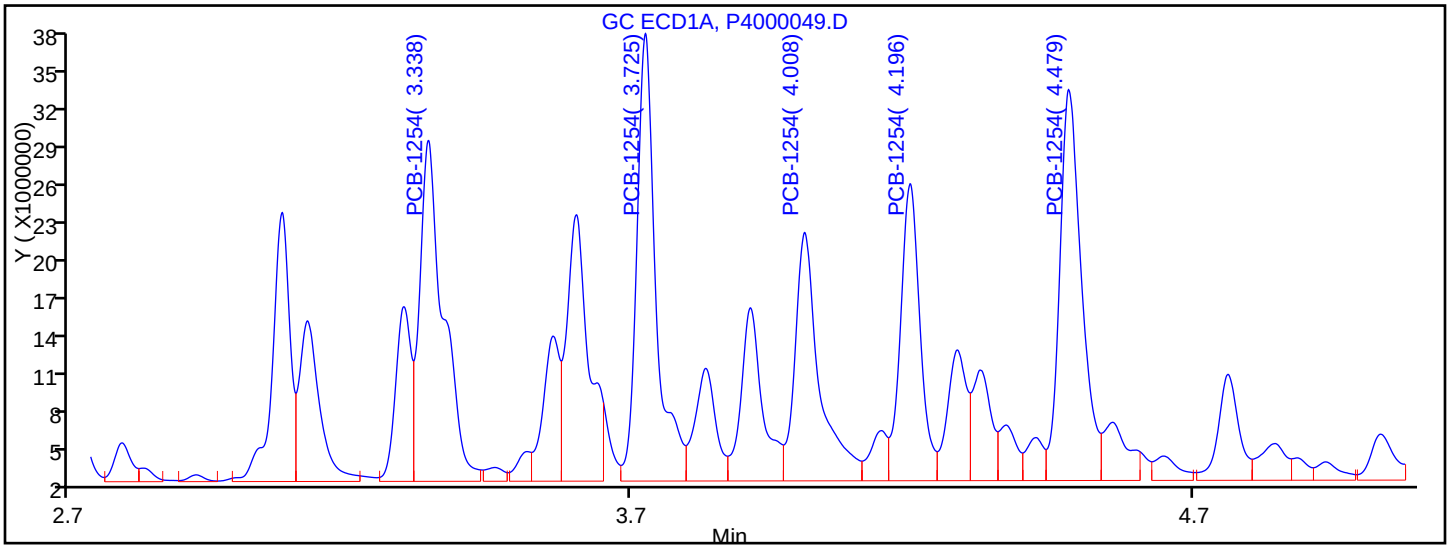
Injection Date:	15-Apr-2013 11:43:08	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	49
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-22663-1

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.: 240-22663-1

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

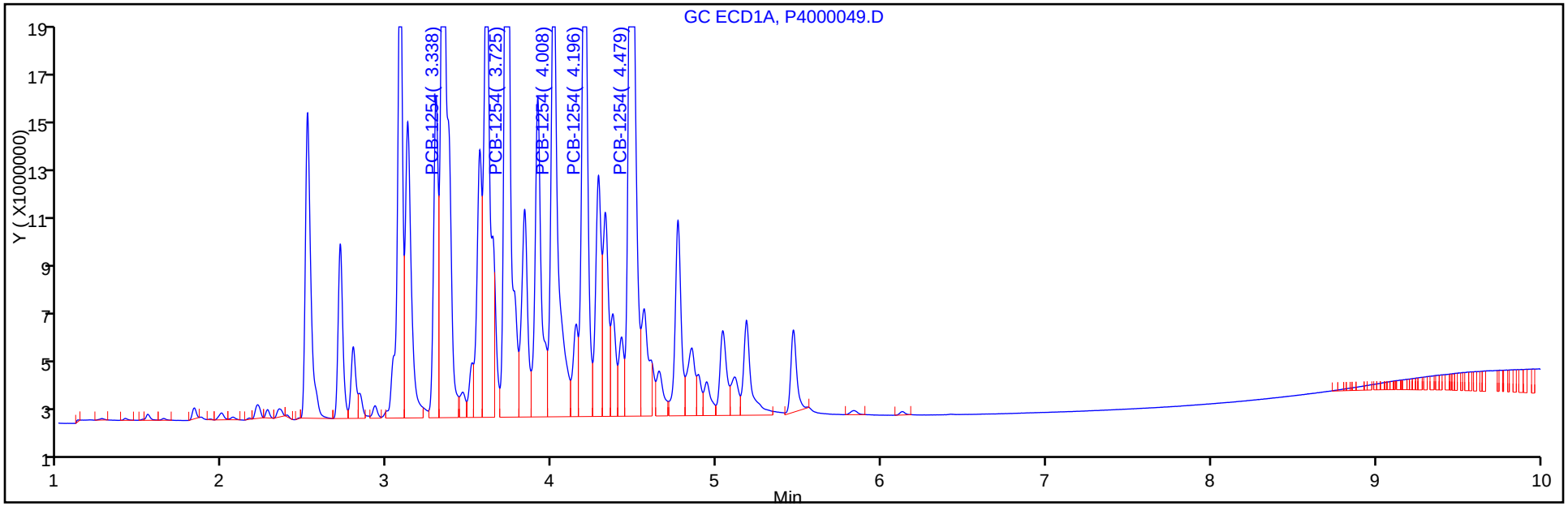
Report Date: 15-Apr-2013 13:05:49 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

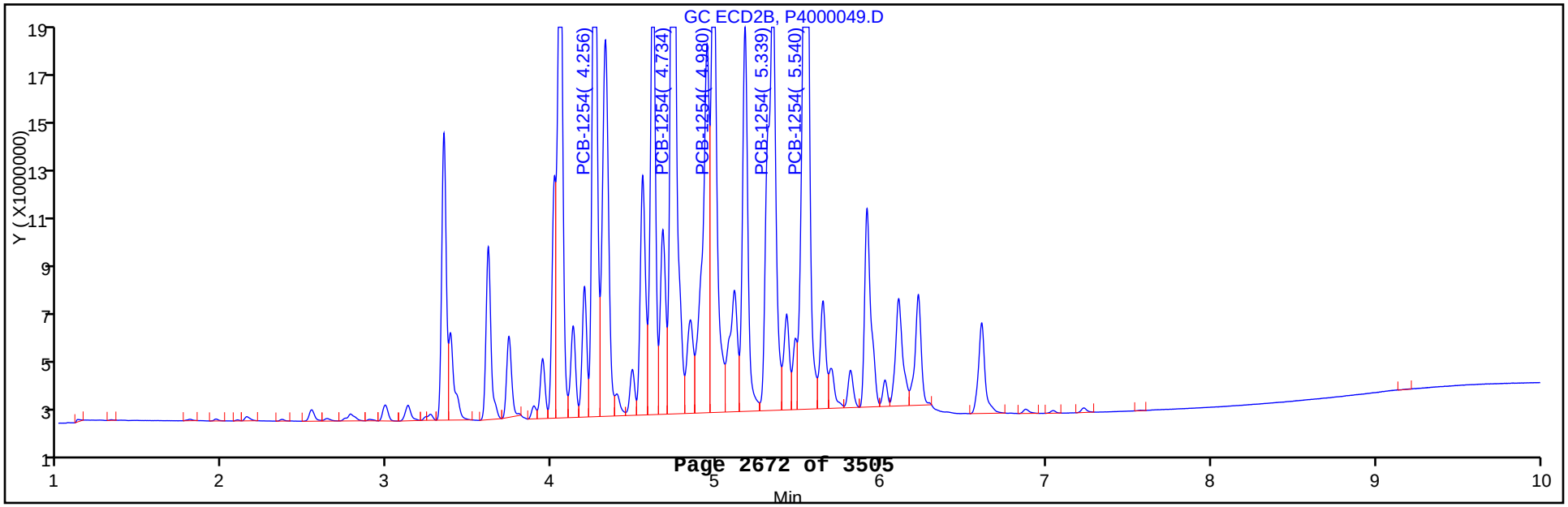
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Injection Date:	15-Apr-2013 11:43:08	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	49
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-22663-1

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.: 240-22663-1

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			

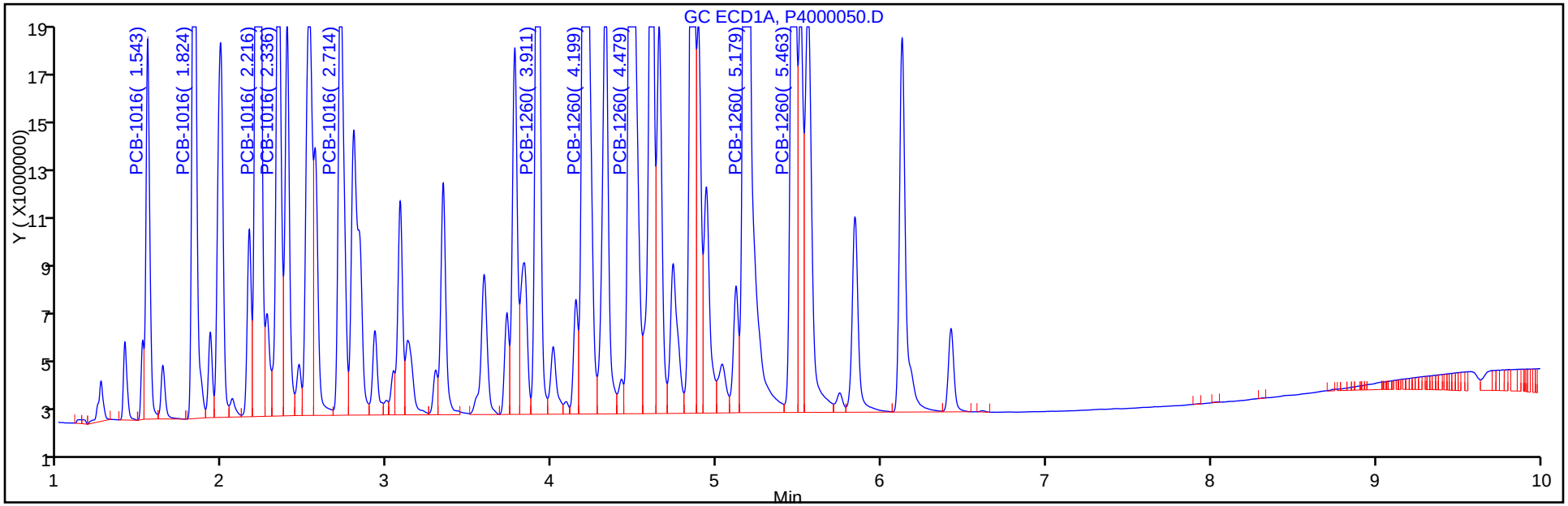
Report Date: 15-Apr-2013 13:05:52 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

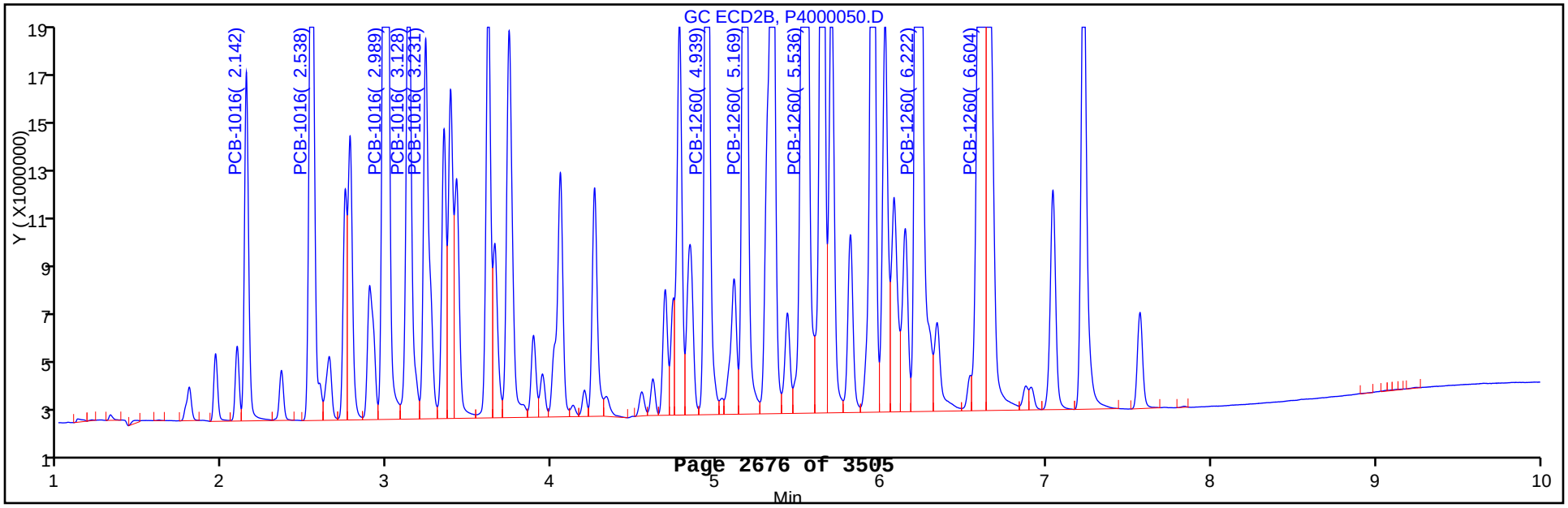
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000050.D

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.: 240-22663-1

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.: 240-22663-1

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			

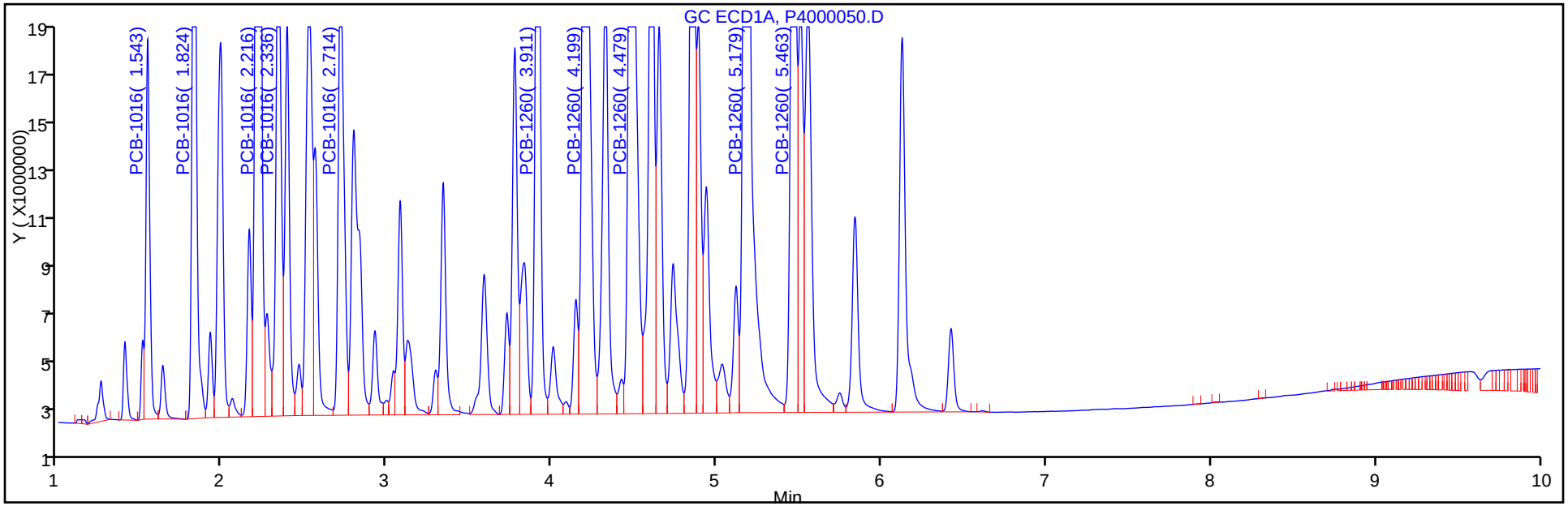
Report Date: 15-Apr-2013 13:05:53 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

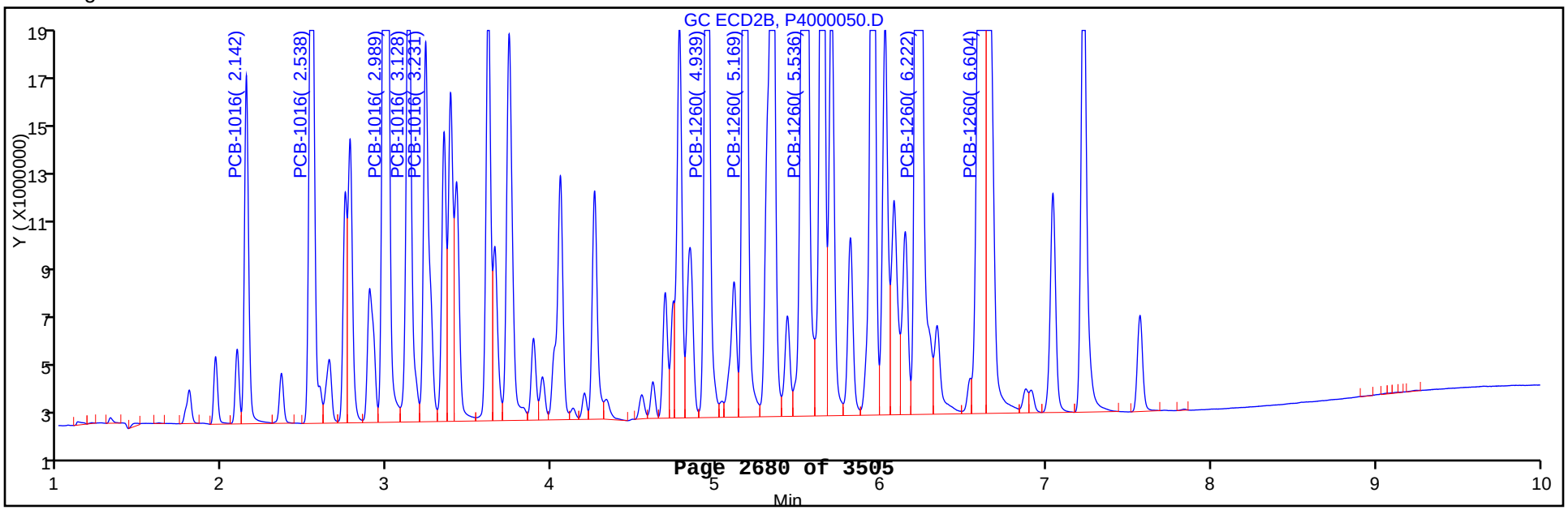
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Injection Date:	15-Apr-2013 11:58:43	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	50
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 240-82267/3 Calibration Date: 04/17/2013 09:56

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	28098118		0.518	0.500	3.5	20.0
PCB-1016 Peak 2	Ave	48967138	50305028		0.514	0.500	2.7	20.0
PCB-1016 Peak 3	Ave	93440084	106479856		0.570	0.500	14.0	20.0
PCB-1016 Peak 4	Ave	41962283	46056790		0.549	0.500	9.8	20.0
PCB-1016 Peak 5	Ave	42399034	45838210		0.541	0.500	8.1	20.0
PCB-1260 Peak 1	Ave	62400345	68717018		0.551	0.500	10.1	20.0
PCB-1260 Peak 2	Ave	110128120	124866862		0.567	0.500	13.4	20.0
PCB-1260 Peak 3	Ave	107668512	127586328		0.592	0.500	18.5	20.0
PCB-1260 Peak 4	Ave	129376197	152787468		0.590	0.500	18.1	20.0
PCB-1260 Peak 5	Ave	58244642	75648006		0.649	0.500	29.9*	20.0
Tetrachloro-m-xylene	Ave	1583607317	1662416040		0.0262	0.0250	5.0	20.0
DCB Decachlorobiphenyl	Ave	1335217125	1515111280		0.0284	0.0250	13.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 240-82267/3 Calibration Date: 04/17/2013 09:56

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\20130417-18945.b\P4000003.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 17-Apr-2013 09:56:16 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0018945-003
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 3
Lims Batch ID: 82267 Lims Sample ID: 3
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130417-18945.b\PCB4.m
Last Update: 19-Apr-2013 09:25:32 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.276	1.276	0.000	41560401	0.0262			
2	2	1.683	1.683	0.000	40847325	0.0259			
						RPD = 1.36			
6 PCB-1016									
1	100	1.545	1.545	0.000	14049059	0.5177		100.0	
1	2	1.828	1.828	0.000	25152514	0.5137	156.0- 206.0	179.0	
1	3	2.219	2.219	0.000	53239928	0.5698	312.4- 362.4	379.0	
1	4	2.338	2.338	0.000	23028395	0.5488	118.7- 188.7	163.9	
1	5	2.717	2.717	0.000	22919105	0.5406	125.6- 175.6	163.1	
			Average of Peak Amounts =			0.5381			
2	6	2.145	2.145	0.000	12832878	0.5003		100.0	
2	7	2.541	2.541	0.000	25873587	0.5096	169.6- 229.6	201.6	
2	8	2.992	2.992	0.000	55091177	0.5544	351.4- 411.4	429.3	
2	9	3.130	3.130	0.000	23167317	0.5263	141.3- 201.3	180.5	
2	10	3.233	3.233	0.000	18265175	0.5333	102.5- 162.5	142.3	
			Average of Peak Amounts =			0.5248			
						RPD = 2.51			

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	34358509	0.5506		100.0	
1	2	4.201	4.201	0.000	62433431	0.5669	152.2- 202.2	181.7	
1	3	4.482	4.482	0.000	63793164	0.5925	146.4- 196.4	185.7	
1	4	5.181	5.181	0.000	76393734	0.5905	180.7- 230.7	222.3	
1	5	5.465	5.465	0.000	37824003	0.6494	64.1- 114.1	110.1	
			Average of Peak Amounts =			0.5900			
2	6	4.943	4.943	0.000	37375452	0.5434		100.0	
2	7	5.173	5.173	0.000	44981917	0.5635	87.6- 147.6	120.4	
2	8	5.540	5.540	0.000	68099120	0.5763	144.7- 204.7	182.2	
2	9	6.226	6.226	0.000	85172284	0.5841	187.7- 247.7	227.9	
2	10	6.608	6.608	0.000	56627947	0.5858	115.0- 175.0	151.5	
			Average of Peak Amounts =			0.5706			
						RPD = 3.34			
$ 12 DCB Decachlorobiphenyl									
1	100	6.618	6.618	0.000	37877782	0.0284			
2	2	7.842	7.842	0.000	34382479	0.0236			
						RPD = 18.33			

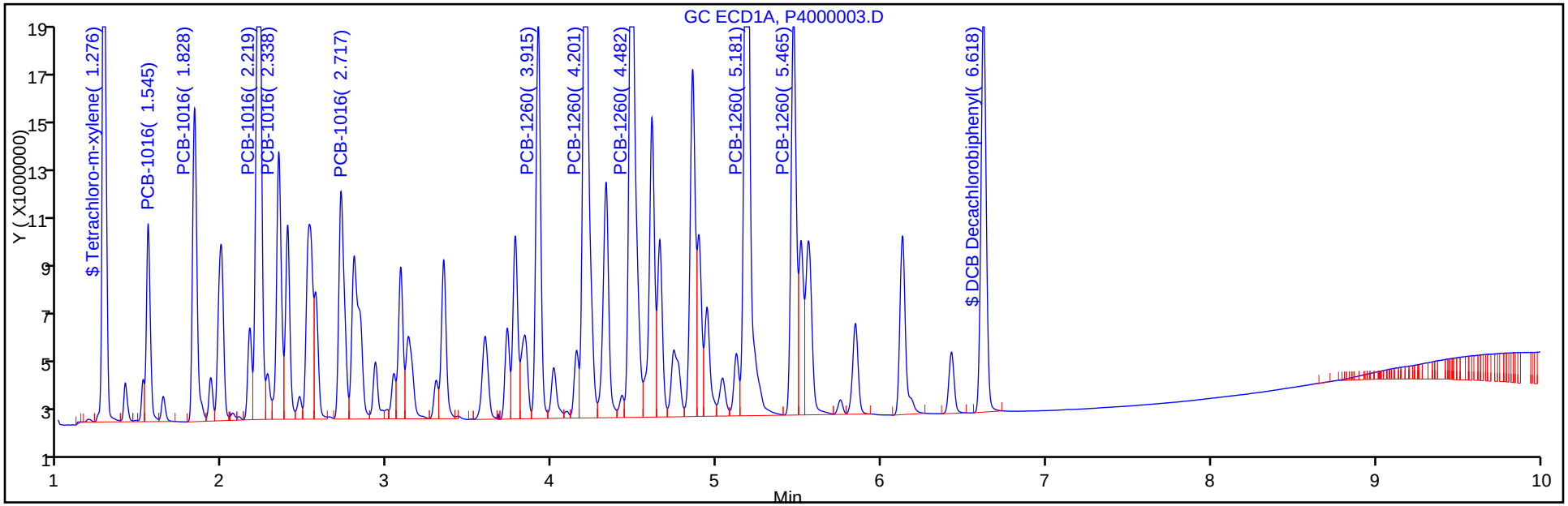
Report Date: 19-Apr-2013 09:25:33 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

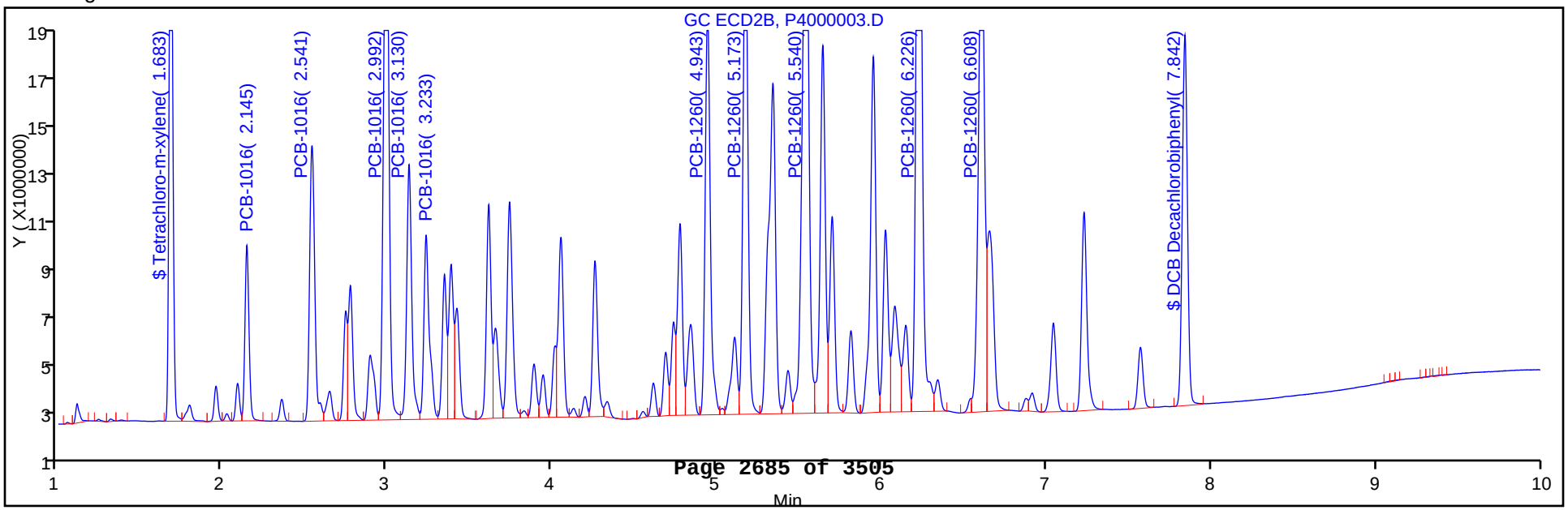
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000003.D

Injection Date:	17-Apr-2013 09:56:16	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82267	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.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 240-82267/3 Calibration Date: 04/17/2013 09:56

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	25665756		0.500	0.500	0.0	20.0
PCB-1016 Peak 2	Ave	50771162	51747174		0.510	0.500	1.9	20.0
PCB-1016 Peak 3	Ave	99379492	110182354		0.554	0.500	10.9	20.0
PCB-1016 Peak 4	Ave	44018240	46334634		0.526	0.500	5.3	20.0
PCB-1016 Peak 5	Ave	34251515	36530350		0.533	0.500	6.7	20.0
PCB-1260 Peak 1	Ave	68786213	74750904		0.543	0.500	8.7	20.0
PCB-1260 Peak 2	Ave	79832052	89963834		0.563	0.500	12.7	20.0
PCB-1260 Peak 3	Ave	118169923	136198240		0.576	0.500	15.3	20.0
PCB-1260 Peak 4	Ave	145808797	170344568		0.584	0.500	16.8	20.0
PCB-1260 Peak 5	Ave	96662928	113255894		0.586	0.500	17.2	20.0
Tetrachloro-m-xylene	Ave	1577823383	1633893000		0.0259	0.0250	3.6	20.0
DCB Decachlorobiphenyl	Ave	1456619055	1375299160		0.0236	0.0250	-5.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 240-82267/3 Calibration Date: 04/17/2013 09:56

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\20130417-18945.b\P4000003.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 17-Apr-2013 09:56:16 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0018945-003
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 3
Lims Batch ID: 82267 Lims Sample ID: 3
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130417-18945.b\PCB4.m
Last Update: 19-Apr-2013 09:25:32 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.276	1.276	0.000	41560401	0.0262			
2	2	1.683	1.683	0.000	40847325	0.0259			
						RPD = 1.36			
6 PCB-1016									
1	100	1.545	1.545	0.000	14049059	0.5177		100.0	
1	2	1.828	1.828	0.000	25152514	0.5137	156.0- 206.0	179.0	
1	3	2.219	2.219	0.000	53239928	0.5698	312.4- 362.4	379.0	
1	4	2.338	2.338	0.000	23028395	0.5488	118.7- 188.7	163.9	
1	5	2.717	2.717	0.000	22919105	0.5406	125.6- 175.6	163.1	
			Average of Peak Amounts =			0.5381			
2	6	2.145	2.145	0.000	12832878	0.5003		100.0	
2	7	2.541	2.541	0.000	25873587	0.5096	169.6- 229.6	201.6	
2	8	2.992	2.992	0.000	55091177	0.5544	351.4- 411.4	429.3	
2	9	3.130	3.130	0.000	23167317	0.5263	141.3- 201.3	180.5	
2	10	3.233	3.233	0.000	18265175	0.5333	102.5- 162.5	142.3	
			Average of Peak Amounts =			0.5248			
						RPD = 2.51			

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	34358509	0.5506		100.0	
1	2	4.201	4.201	0.000	62433431	0.5669	152.2- 202.2	181.7	
1	3	4.482	4.482	0.000	63793164	0.5925	146.4- 196.4	185.7	
1	4	5.181	5.181	0.000	76393734	0.5905	180.7- 230.7	222.3	
1	5	5.465	5.465	0.000	37824003	0.6494	64.1- 114.1	110.1	
			Average of Peak Amounts =			0.5900			
2	6	4.943	4.943	0.000	37375452	0.5434		100.0	
2	7	5.173	5.173	0.000	44981917	0.5635	87.6- 147.6	120.4	
2	8	5.540	5.540	0.000	68099120	0.5763	144.7- 204.7	182.2	
2	9	6.226	6.226	0.000	85172284	0.5841	187.7- 247.7	227.9	
2	10	6.608	6.608	0.000	56627947	0.5858	115.0- 175.0	151.5	
			Average of Peak Amounts =			0.5706			
						RPD = 3.34			
$ 12 DCB Decachlorobiphenyl									
1	100	6.618	6.618	0.000	37877782	0.0284			
2	2	7.842	7.842	0.000	34382479	0.0236			
						RPD = 18.33			

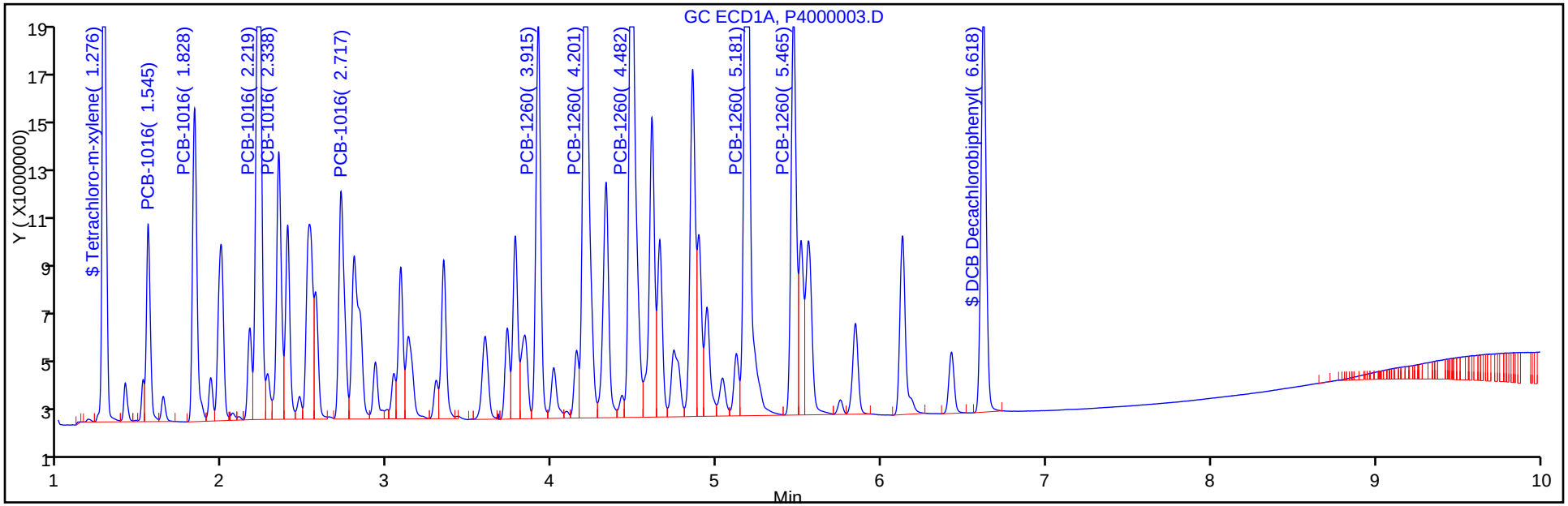
Report Date: 19-Apr-2013 09:25:33 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

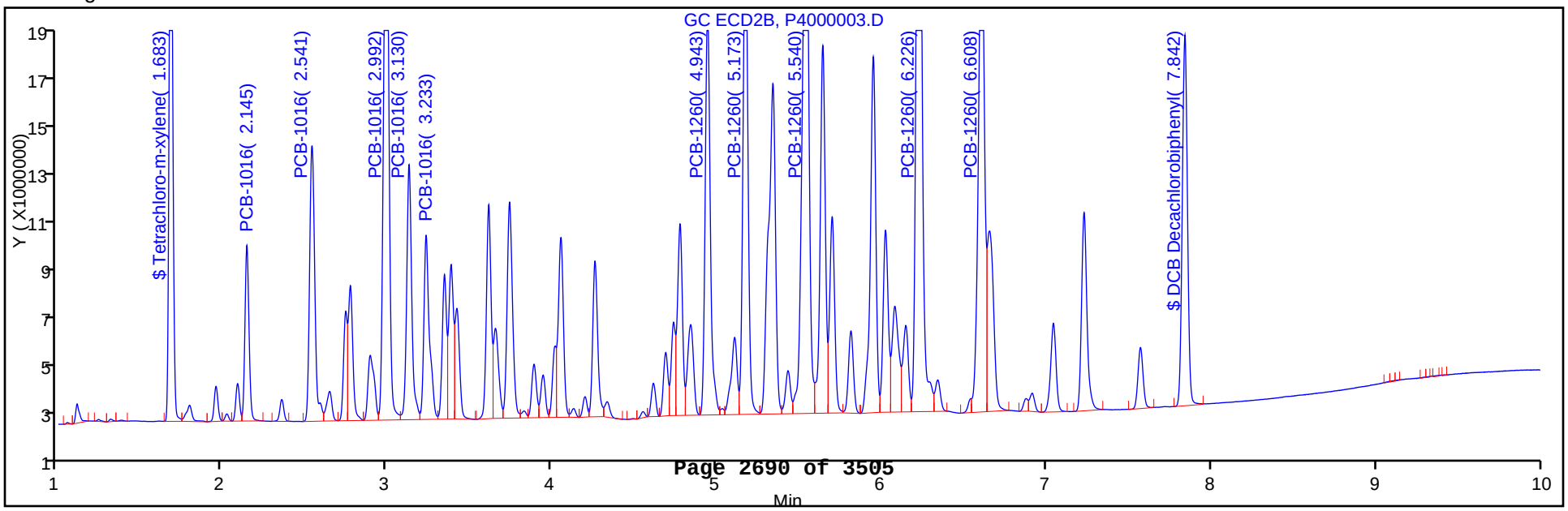
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000003.D

Injection Date:	17-Apr-2013 09:56:16	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82267	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.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 240-82267/14 Calibration Date: 04/17/2013 13:33

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	26127950		0.481	0.500	-3.7	20.0
PCB-1016 Peak 2	Ave	48967138	46989174		0.480	0.500	-4.0	20.0
PCB-1016 Peak 3	Ave	93440084	99282420		0.531	0.500	6.3	20.0
PCB-1016 Peak 4	Ave	41962283	43051370		0.513	0.500	2.6	20.0
PCB-1016 Peak 5	Ave	42399034	42876518		0.506	0.500	1.1	20.0
PCB-1260 Peak 1	Ave	62400345	63141350		0.506	0.500	1.2	20.0
PCB-1260 Peak 2	Ave	110128120	115440166		0.524	0.500	4.8	20.0
PCB-1260 Peak 3	Ave	107668512	117572398		0.546	0.500	9.2	20.0
PCB-1260 Peak 4	Ave	129376197	141070992		0.545	0.500	9.0	20.0
PCB-1260 Peak 5	Ave	58244642	70221162		0.603	0.500	20.6*	20.0
Tetrachloro-m-xylene	Ave	1583607317	1539986120		0.0243	0.0250	-2.8	20.0
DCB Decachlorobiphenyl	Ave	1335217125	1430031800		0.0268	0.0250	7.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 240-82267/14 Calibration Date: 04/17/2013 13:33

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	3.91	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	1.28	1.18	1.38
DCB Decachlorobiphenyl	6.62	6.52	6.72

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000014.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 17-Apr-2013 13:33:36 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0018945-014
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 14
Lims Batch ID: 82267 Lims Sample ID: 14
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130417-18945.b\PCB4.m
Last Update: 19-Apr-2013 09:25:41 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.276	1.276	0.000	38499653	0.0243			
2	2	1.683	1.683	0.000	37718476	0.0239			
						RPD = 1.68			
6 PCB-1016									
1	100	1.546	1.546	0.000	13063975	0.4814		100.0	
1	2	1.827	1.827	0.000	23494587	0.4798	156.0- 206.0	179.8	
1	3	2.220	2.220	0.000	49641210	0.5313	312.4- 362.4	380.0	
1	4	2.339	2.339	0.000	21525685	0.5130	118.7- 188.7	164.8	
1	5	2.718	2.718	0.000	21438259	0.5056	125.6- 175.6	164.1	
			Average of Peak Amounts =			0.5022			
2	6	2.146	2.146	0.000	12000261	0.4679		100.0	
2	7	2.541	2.541	0.000	24246046	0.4776	169.6- 229.6	202.0	
2	8	2.993	2.993	0.000	51398892	0.5172	351.4- 411.4	428.3	
2	9	3.131	3.131	0.000	21728383	0.4936	141.3- 201.3	181.1	
2	10	3.235	3.235	0.000	17140836	0.5004	102.5- 162.5	142.8	
			Average of Peak Amounts =			0.4913			
						RPD = 2.19			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.914	3.914	0.000	31570675	0.5059		100.0	
1	2	4.202	4.202	0.000	57720083	0.5241	152.2- 202.2	182.8	
1	3	4.481	4.481	0.000	58786199	0.5460	146.4- 196.4	186.2	
1	4	5.181	5.181	0.000	70535496	0.5452	180.7- 230.7	223.4	
1	5	5.466	5.466	0.000	35110581	0.6028	64.1- 114.1	111.2	
			Average of Peak Amounts =			0.5448			
2	6	4.944	4.944	0.000	35126337	0.5107		100.0	
2	7	5.173	5.173	0.000	42097573	0.5273	87.6- 147.6	119.8	
2	8	5.541	5.541	0.000	63231927	0.5351	144.7- 204.7	180.0	
2	9	6.226	6.226	0.000	79803515	0.5473	187.7- 247.7	227.2	
2	10	6.606	6.606	0.000	54172603	0.5604	115.0- 175.0	154.2	
			Average of Peak Amounts =			0.5362			
						RPD = 1.60			
$ 12 DCB Decachlorobiphenyl									
1	100	6.619	6.619	0.000	35750795	0.0268			
2	2	7.842	7.842	0.000	33296239	0.0229			
						RPD = 15.78			

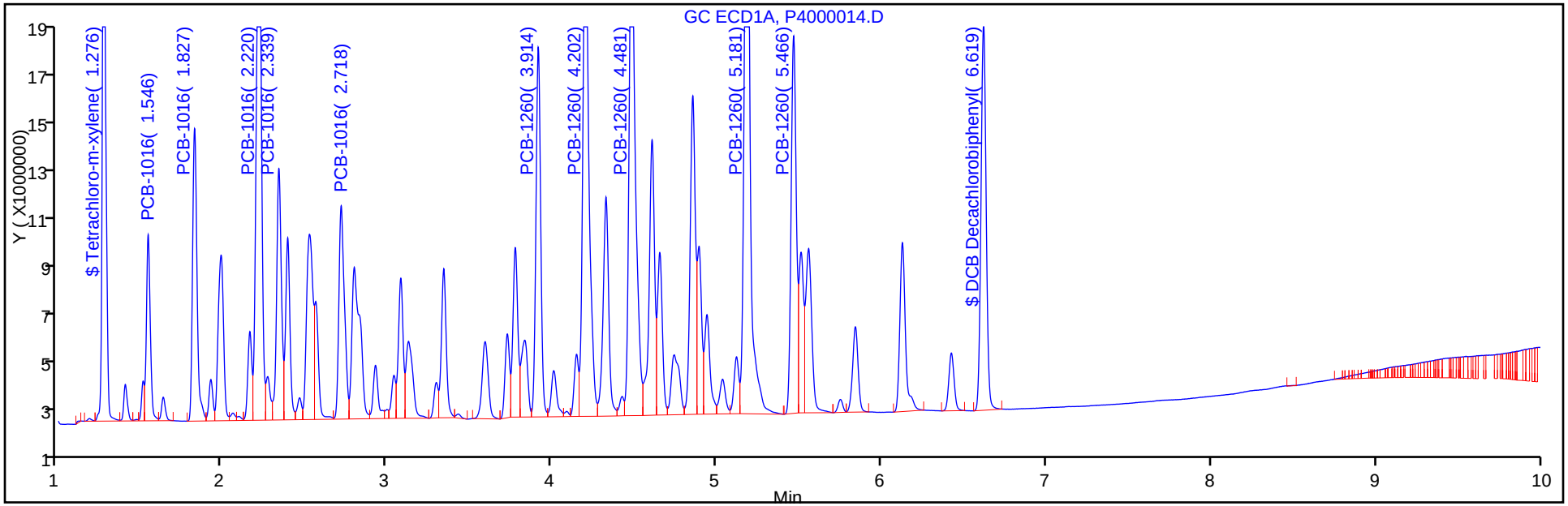
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TestAmerica Canton

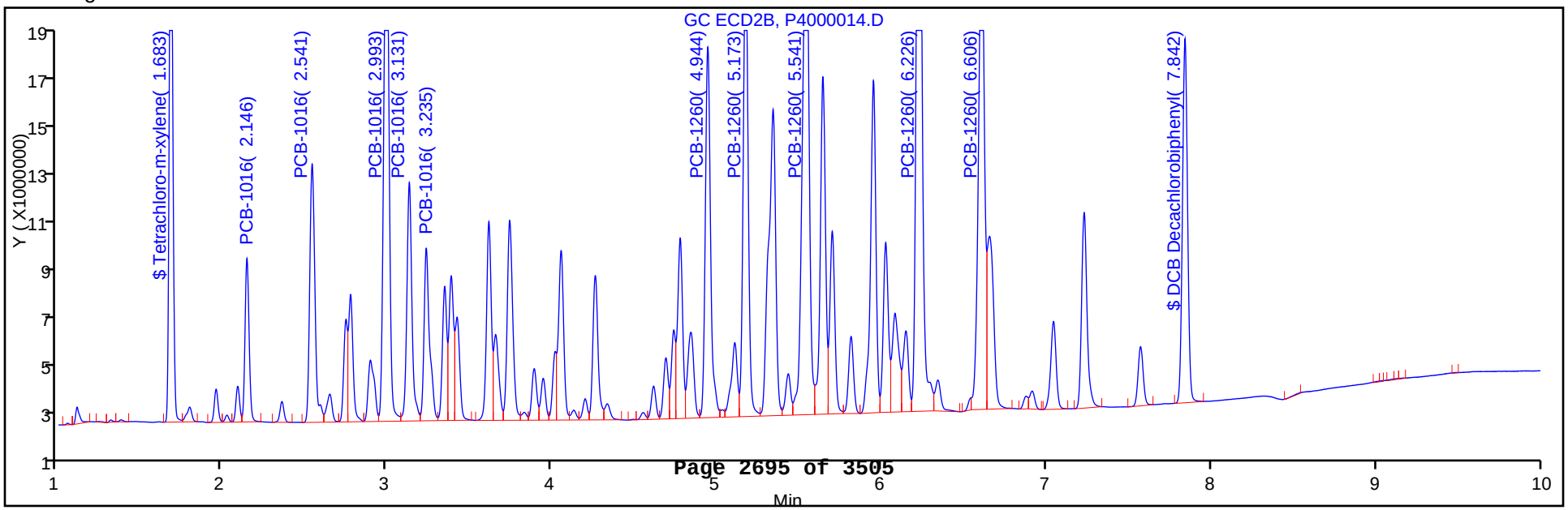
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Injection Date:	17-Apr-2013 13:33:36	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82267	Lims Sample ID:	14
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

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.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 240-82267/14 Calibration Date: 04/17/2013 13:33

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	24000522		0.468	0.500	-6.4	20.0
PCB-1016 Peak 2	Ave	50771162	48492092		0.478	0.500	-4.5	20.0
PCB-1016 Peak 3	Ave	99379492	102797784		0.517	0.500	3.4	20.0
PCB-1016 Peak 4	Ave	44018240	43456766		0.494	0.500	-1.3	20.0
PCB-1016 Peak 5	Ave	34251515	34281672		0.500	0.500	0.0	20.0
PCB-1260 Peak 1	Ave	68786213	70252674		0.511	0.500	2.1	20.0
PCB-1260 Peak 2	Ave	79832052	84195146		0.527	0.500	5.5	20.0
PCB-1260 Peak 3	Ave	118169923	126463854		0.535	0.500	7.0	20.0
PCB-1260 Peak 4	Ave	145808797	159607030		0.547	0.500	9.5	20.0
PCB-1260 Peak 5	Ave	96662928	108345206		0.560	0.500	12.1	20.0
Tetrachloro-m-xylene	Ave	1577823383	1508739040		0.0239	0.0250	-4.4	20.0
DCB Decachlorobiphenyl	Ave	1456619055	1331849560		0.0229	0.0250	-8.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 240-82267/14 Calibration Date: 04/17/2013 13:33

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	5.17	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\20130417-18945.b\P4000014.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 17-Apr-2013 13:33:36 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0018945-014
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 14
Lims Batch ID: 82267 Lims Sample ID: 14
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130417-18945.b\PCB4.m
Last Update: 19-Apr-2013 09:25:41 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.276	1.276	0.000	38499653	0.0243			
2	2	1.683	1.683	0.000	37718476	0.0239			
						RPD = 1.68			
6 PCB-1016									
1	100	1.546	1.546	0.000	13063975	0.4814		100.0	
1	2	1.827	1.827	0.000	23494587	0.4798	156.0- 206.0	179.8	
1	3	2.220	2.220	0.000	49641210	0.5313	312.4- 362.4	380.0	
1	4	2.339	2.339	0.000	21525685	0.5130	118.7- 188.7	164.8	
1	5	2.718	2.718	0.000	21438259	0.5056	125.6- 175.6	164.1	
			Average of Peak Amounts =			0.5022			
2	6	2.146	2.146	0.000	12000261	0.4679		100.0	
2	7	2.541	2.541	0.000	24246046	0.4776	169.6- 229.6	202.0	
2	8	2.993	2.993	0.000	51398892	0.5172	351.4- 411.4	428.3	
2	9	3.131	3.131	0.000	21728383	0.4936	141.3- 201.3	181.1	
2	10	3.235	3.235	0.000	17140836	0.5004	102.5- 162.5	142.8	
			Average of Peak Amounts =			0.4913			
						RPD = 2.19			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.914	3.914	0.000	31570675	0.5059		100.0	
1	2	4.202	4.202	0.000	57720083	0.5241	152.2- 202.2	182.8	
1	3	4.481	4.481	0.000	58786199	0.5460	146.4- 196.4	186.2	
1	4	5.181	5.181	0.000	70535496	0.5452	180.7- 230.7	223.4	
1	5	5.466	5.466	0.000	35110581	0.6028	64.1- 114.1	111.2	
			Average of Peak Amounts =			0.5448			
2	6	4.944	4.944	0.000	35126337	0.5107		100.0	
2	7	5.173	5.173	0.000	42097573	0.5273	87.6- 147.6	119.8	
2	8	5.541	5.541	0.000	63231927	0.5351	144.7- 204.7	180.0	
2	9	6.226	6.226	0.000	79803515	0.5473	187.7- 247.7	227.2	
2	10	6.606	6.606	0.000	54172603	0.5604	115.0- 175.0	154.2	
			Average of Peak Amounts =			0.5362			
						RPD = 1.60			
$ 12 DCB Decachlorobiphenyl									
1	100	6.619	6.619	0.000	35750795	0.0268			
2	2	7.842	7.842	0.000	33296239	0.0229			
						RPD = 15.78			

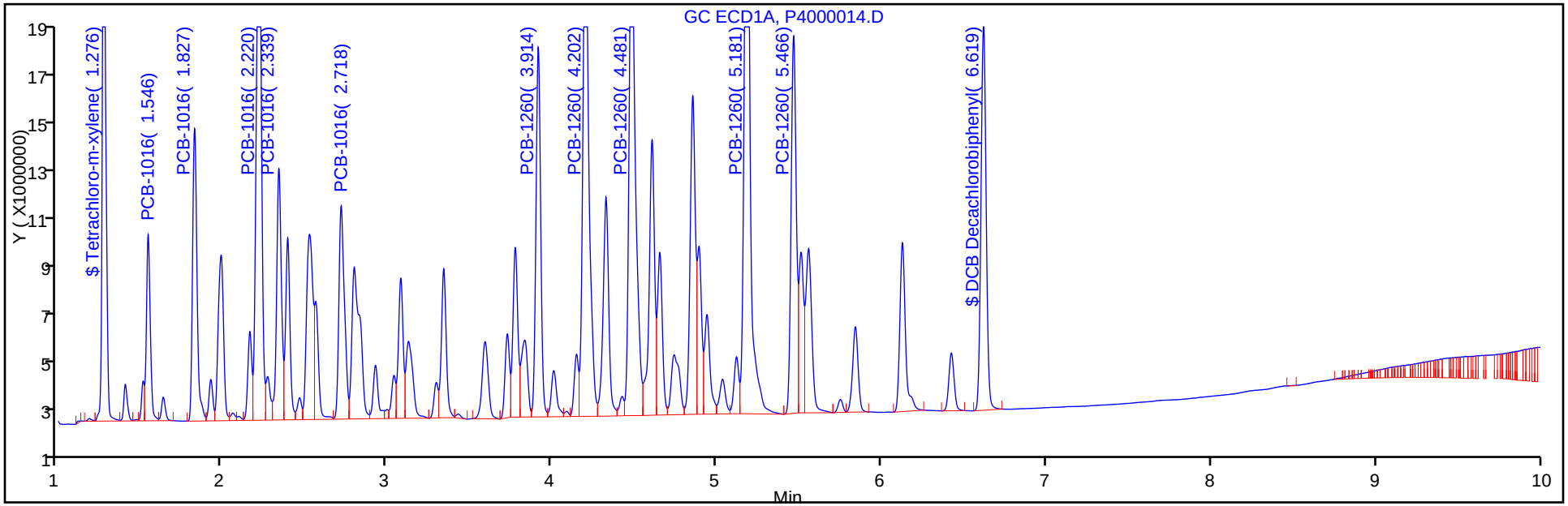
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TestAmerica Canton

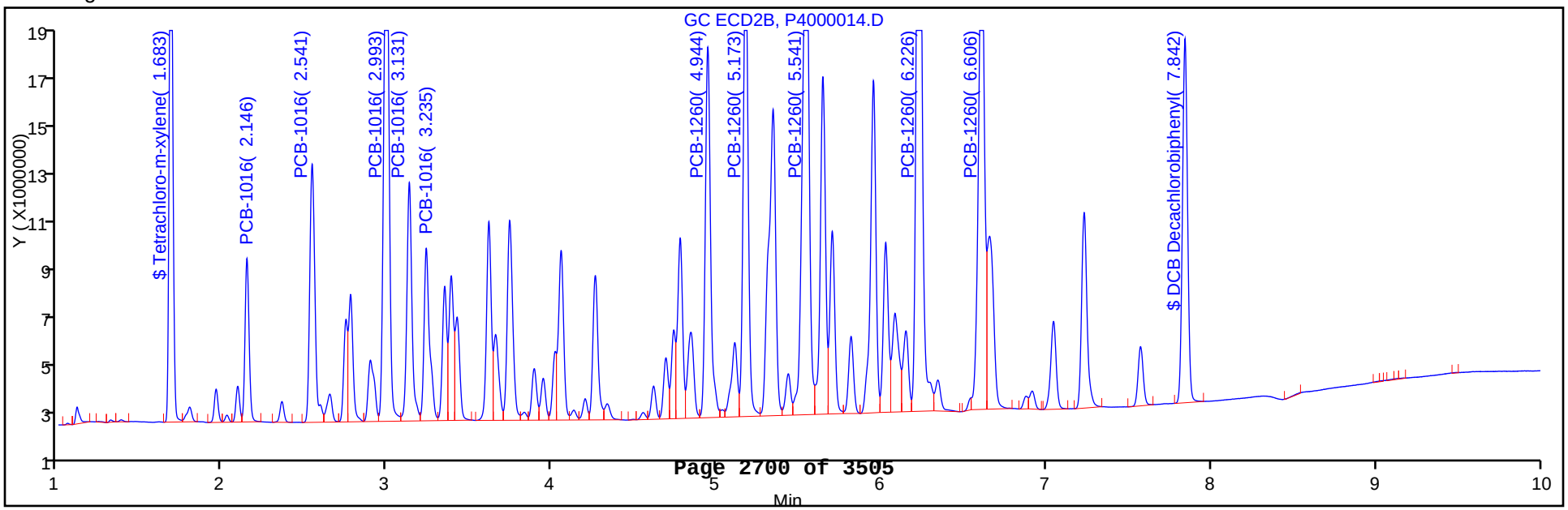
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Injection Date:	17-Apr-2013 13:33:36	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82267	Lims Sample ID:	14
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

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.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 240-82267/23 Calibration Date: 04/17/2013 15:38

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: P4000022.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	26370446		0.486	0.500	-2.8	20.0
PCB-1016 Peak 2	Ave	48967138	48468764		0.495	0.500	-1.0	20.0
PCB-1016 Peak 3	Ave	93440084	102447542		0.548	0.500	9.6	20.0
PCB-1016 Peak 4	Ave	41962283	44803454		0.534	0.500	6.8	20.0
PCB-1016 Peak 5	Ave	42399034	44084622		0.520	0.500	4.0	20.0
PCB-1260 Peak 1	Ave	62400345	63973612		0.513	0.500	2.5	20.0
PCB-1260 Peak 2	Ave	110128120	118001078		0.536	0.500	7.1	20.0
PCB-1260 Peak 3	Ave	107668512	121169214		0.563	0.500	12.5	20.0
PCB-1260 Peak 4	Ave	129376197	146864026		0.568	0.500	13.5	20.0
PCB-1260 Peak 5	Ave	58244642	74206944		0.637	0.500	27.4*	20.0
Tetrachloro-m-xylene	Ave	1583607317	1603062960		0.0253	0.0250	1.2	20.0
DCB Decachlorobiphenyl	Ave	1335217125	1504980000		0.0282	0.0250	12.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 240-82267/23 Calibration Date: 04/17/2013 15:38

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: P4000022.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	5.46	5.36	5.56
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\20130417-18945.b\P4000022.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 17-Apr-2013 15:38:29 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0018945-023
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 22
Lims Batch ID: 82267 Lims Sample ID: 23
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130417-18945.b\PCB4.m
Last Update: 19-Apr-2013 09:25:47 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: XAWRK027

First Level Reviewer: hassl Date: 19-Apr-2013 08:49:17

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	40076574	0.0253			
2	2	1.683	1.683	0.000	39356896	0.0249			
						RPD = 1.45			
6 PCB-1016									M
1	100	1.545	1.545	0.000	13185223	0.4859		100.0	
1	2	1.826	1.826	0.000	24234382	0.4949	156.0- 206.0	183.8	M
1	3	2.218	2.218	0.000	51223771	0.5482	312.4- 362.4	388.5	M
1	4	2.338	2.338	0.000	22401727	0.5339	118.7- 188.7	169.9	M
1	5	2.717	2.717	0.000	22042311	0.5199	125.6- 175.6	167.2	M
			Average of Peak Amounts =			0.5165			
2	6	2.145	2.145	0.000	12545963	0.4892		100.0	
2	7	2.540	2.540	0.000	24048803	0.4737	169.6- 229.6	191.7	
2	8	2.992	2.992	0.000	53189788	0.5352	351.4- 411.4	424.0	
2	9	3.131	3.131	0.000	22437822	0.5097	141.3- 201.3	178.8	
2	10	3.234	3.234	0.000	17731985	0.5177	102.5- 162.5	141.3	
			Average of Peak Amounts =			0.5051			
						RPD = 2.24			

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	31986806	0.5126		100.0	
1	2	4.202	4.202	0.000	59000539	0.5357	152.2- 202.2	184.5	
1	3	4.481	4.481	0.000	60584607	0.5627	146.4- 196.4	189.4	
1	4	5.181	5.181	0.000	73432013	0.5676	180.7- 230.7	229.6	
1	5	5.464	5.464	0.000	37103472	0.6370	64.1- 114.1	116.0	
			Average of Peak Amounts =			0.5631			
2	6	4.943	4.943	0.000	35787454	0.5203		100.0	
2	7	5.173	5.173	0.000	41204263	0.5161	87.6- 147.6	115.1	
2	8	5.541	5.541	0.000	65462590	0.5540	144.7- 204.7	182.9	
2	9	6.226	6.226	0.000	83397082	0.5720	187.7- 247.7	233.0	
2	10	6.608	6.608	0.000	57801711	0.5980	115.0- 175.0	161.5	
			Average of Peak Amounts =			0.5521			
						RPD = 1.99			
$ 12 DCB Decachlorobiphenyl									
1	100	6.618	6.618	0.000	37624500	0.0282			
2	2	7.843	7.843	0.000	36439003	0.0250			
						RPD = 11.89			

QC Flag Legend

Review Flags
M - Manually Integrated

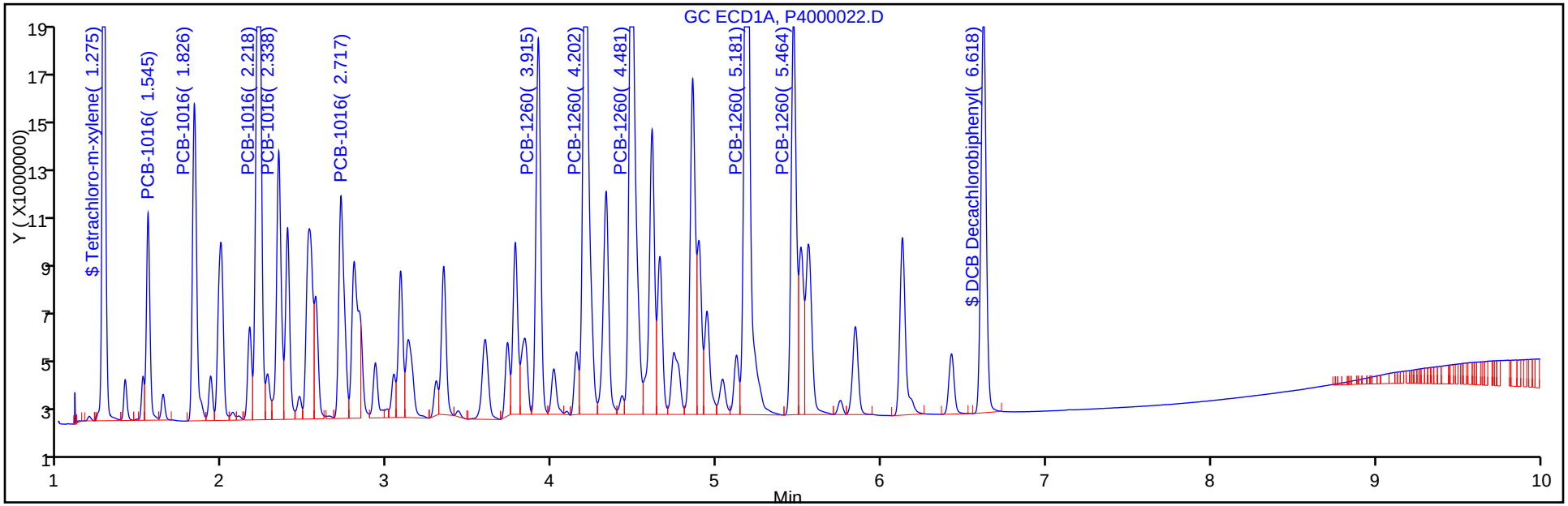
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TestAmerica Canton

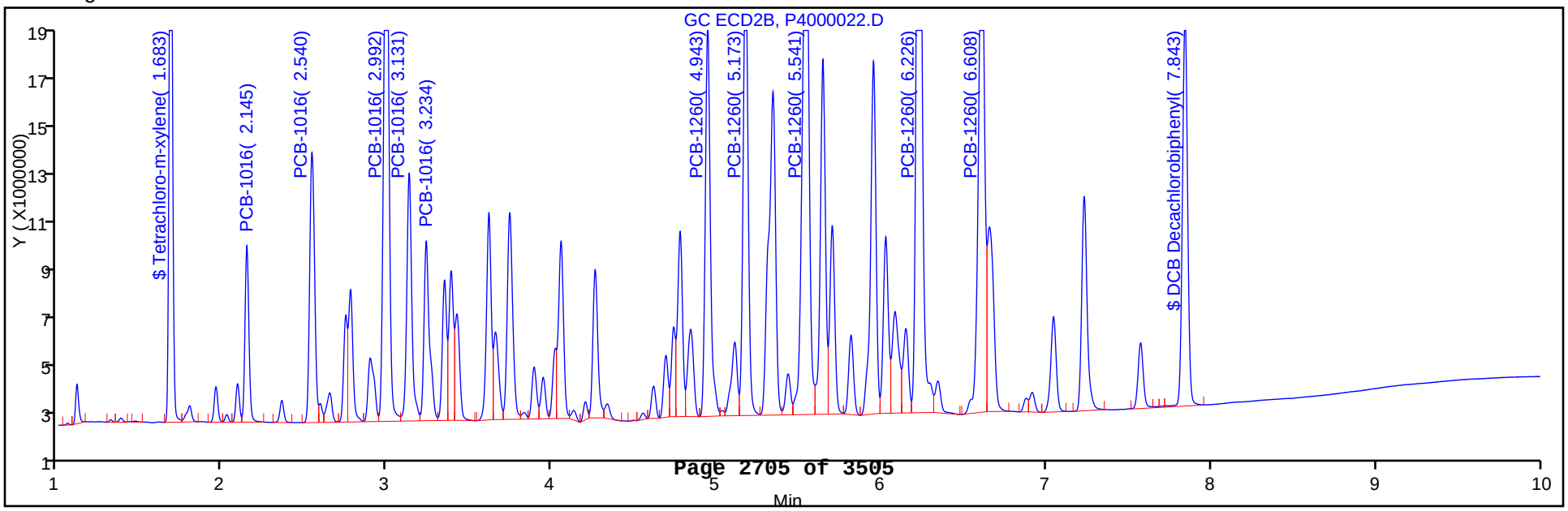
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Injection Date:	17-Apr-2013 15:38:29	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82267	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



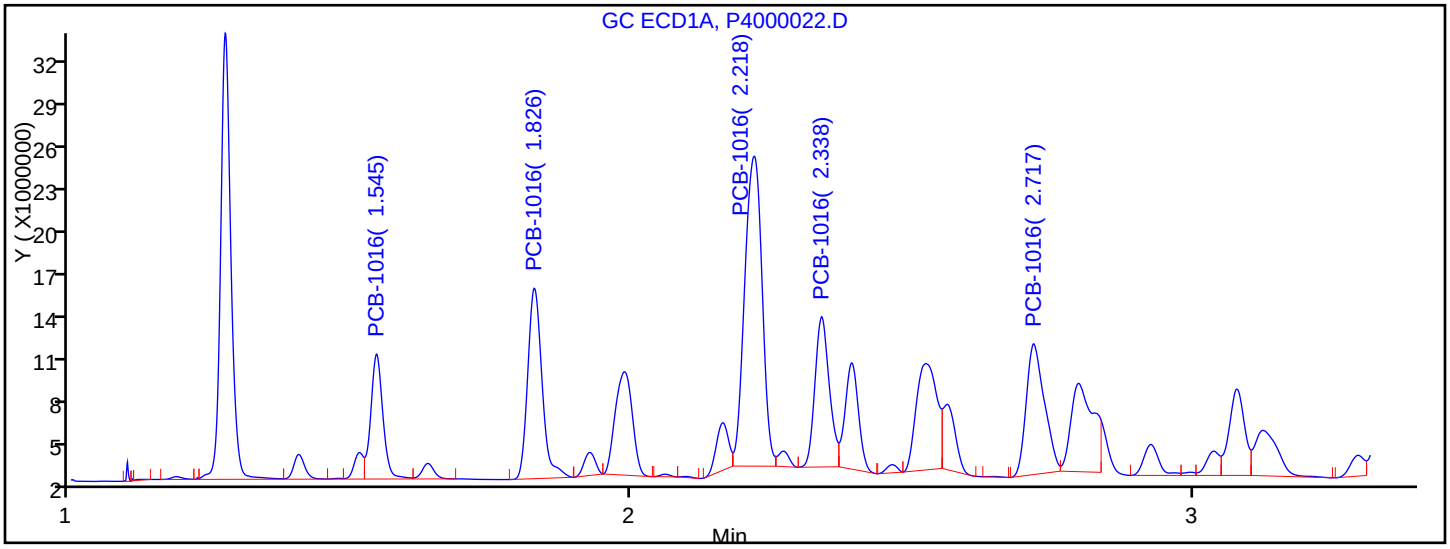
Report Date: 19-Apr-2013 09:25:47 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000022.D

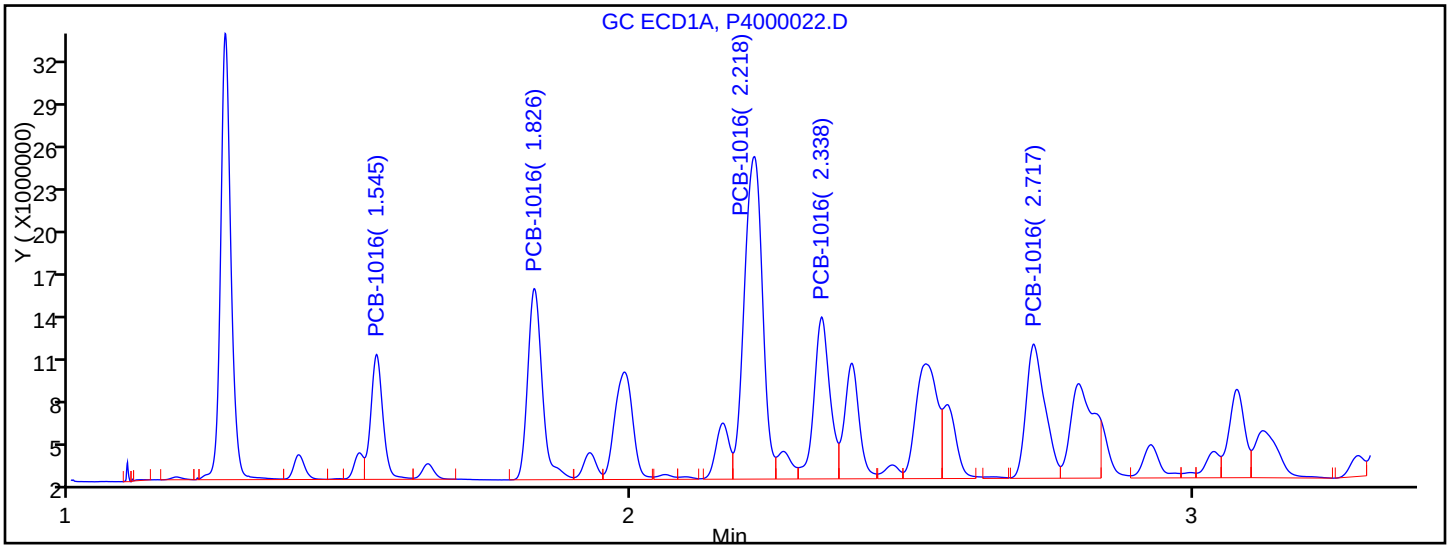
Injection Date:	17-Apr-2013 15:38:29	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82267	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.545	Response = 13185223	
RT = 1.826	Response = 23769041	M
RT = 2.218	Response = 47147966	M
RT = 2.338	Response = 18874532	M
RT = 2.717	Response = 20678238	M



Manual Integration Results

RT = 1.545	Response = 13185223	
RT = 1.826	Response = 24234382	M
RT = 2.218	Response = 51223771	M
RT = 2.338	Response = 22401727	M
RT = 2.717	Response = 22042311	M

Reviewer: hassl, 19-Apr-2013 08:49:17

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 240-82267/23 Calibration Date: 04/17/2013 15:38

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: P4000022.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	25091926		0.489	0.500	-2.2	20.0
PCB-1016 Peak 2	Ave	50771162	48097606		0.474	0.500	-5.3	20.0
PCB-1016 Peak 3	Ave	99379492	106379576		0.535	0.500	7.0	20.0
PCB-1016 Peak 4	Ave	44018240	44875644		0.510	0.500	1.9	20.0
PCB-1016 Peak 5	Ave	34251515	35463970		0.518	0.500	3.5	20.0
PCB-1260 Peak 1	Ave	68786213	71574908		0.520	0.500	4.1	20.0
PCB-1260 Peak 2	Ave	79832052	82408526		0.516	0.500	3.2	20.0
PCB-1260 Peak 3	Ave	118169923	130925180		0.554	0.500	10.8	20.0
PCB-1260 Peak 4	Ave	145808797	166794164		0.572	0.500	14.4	20.0
PCB-1260 Peak 5	Ave	96662928	115603422		0.598	0.500	19.6	20.0
Tetrachloro-m-xylene	Ave	1577823383	1574275840		0.0249	0.0250	-0.2	20.0
DCB Decachlorobiphenyl	Ave	1456619055	1457560120		0.0250	0.0250	0.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 240-82267/23 Calibration Date: 04/17/2013 15:38

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: P4000022.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\20130417-18945.b\P4000022.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 17-Apr-2013 15:38:29 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0018945-023
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 22
Lims Batch ID: 82267 Lims Sample ID: 23
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130417-18945.b\PCB4.m
Last Update: 19-Apr-2013 09:25:47 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: XAWRK027

First Level Reviewer: hassl Date: 19-Apr-2013 08:49:17

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	40076574	0.0253			
2	2	1.683	1.683	0.000	39356896	0.0249			
						RPD = 1.45			
6 PCB-1016									M
1	100	1.545	1.545	0.000	13185223	0.4859		100.0	
1	2	1.826	1.826	0.000	24234382	0.4949	156.0- 206.0	183.8	M
1	3	2.218	2.218	0.000	51223771	0.5482	312.4- 362.4	388.5	M
1	4	2.338	2.338	0.000	22401727	0.5339	118.7- 188.7	169.9	M
1	5	2.717	2.717	0.000	22042311	0.5199	125.6- 175.6	167.2	M
			Average of Peak Amounts =			0.5165			
2	6	2.145	2.145	0.000	12545963	0.4892		100.0	
2	7	2.540	2.540	0.000	24048803	0.4737	169.6- 229.6	191.7	
2	8	2.992	2.992	0.000	53189788	0.5352	351.4- 411.4	424.0	
2	9	3.131	3.131	0.000	22437822	0.5097	141.3- 201.3	178.8	
2	10	3.234	3.234	0.000	17731985	0.5177	102.5- 162.5	141.3	
			Average of Peak Amounts =			0.5051			
						RPD = 2.24			

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	31986806	0.5126		100.0	
1	2	4.202	4.202	0.000	59000539	0.5357	152.2- 202.2	184.5	
1	3	4.481	4.481	0.000	60584607	0.5627	146.4- 196.4	189.4	
1	4	5.181	5.181	0.000	73432013	0.5676	180.7- 230.7	229.6	
1	5	5.464	5.464	0.000	37103472	0.6370	64.1- 114.1	116.0	
			Average of Peak Amounts =			0.5631			
2	6	4.943	4.943	0.000	35787454	0.5203		100.0	
2	7	5.173	5.173	0.000	41204263	0.5161	87.6- 147.6	115.1	
2	8	5.541	5.541	0.000	65462590	0.5540	144.7- 204.7	182.9	
2	9	6.226	6.226	0.000	83397082	0.5720	187.7- 247.7	233.0	
2	10	6.608	6.608	0.000	57801711	0.5980	115.0- 175.0	161.5	
			Average of Peak Amounts =			0.5521			
						RPD = 1.99			
$ 12 DCB Decachlorobiphenyl									
1	100	6.618	6.618	0.000	37624500	0.0282			
2	2	7.843	7.843	0.000	36439003	0.0250			
						RPD = 11.89			

QC Flag Legend

Review Flags
M - Manually Integrated

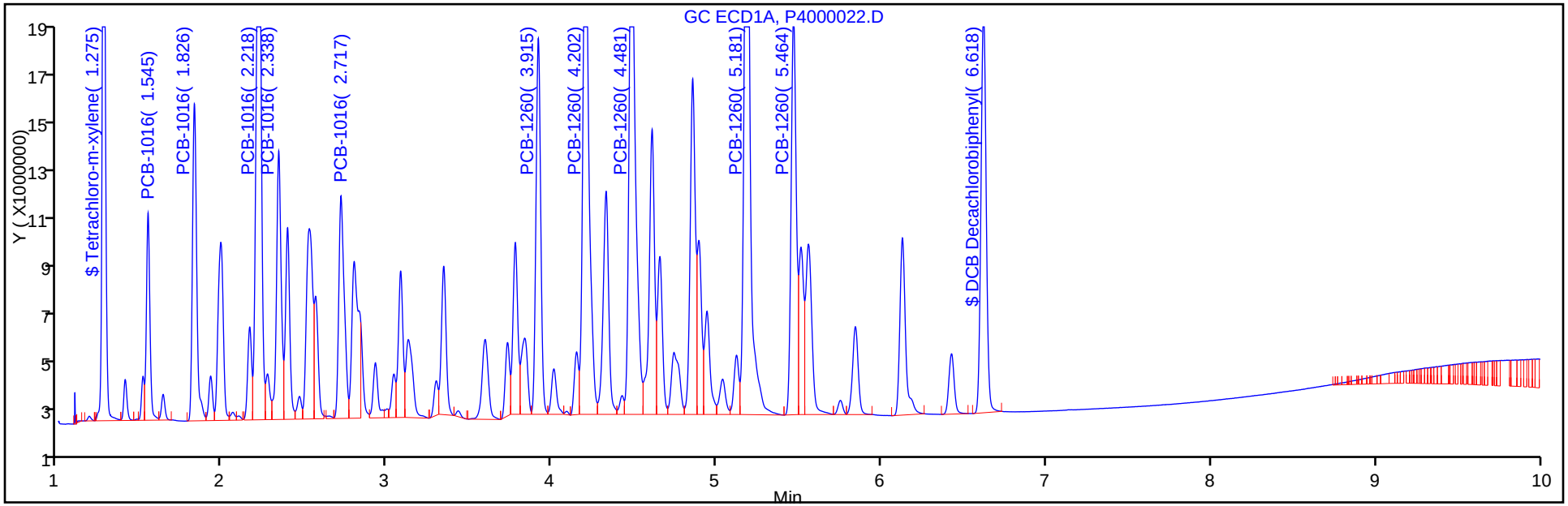
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TestAmerica Canton

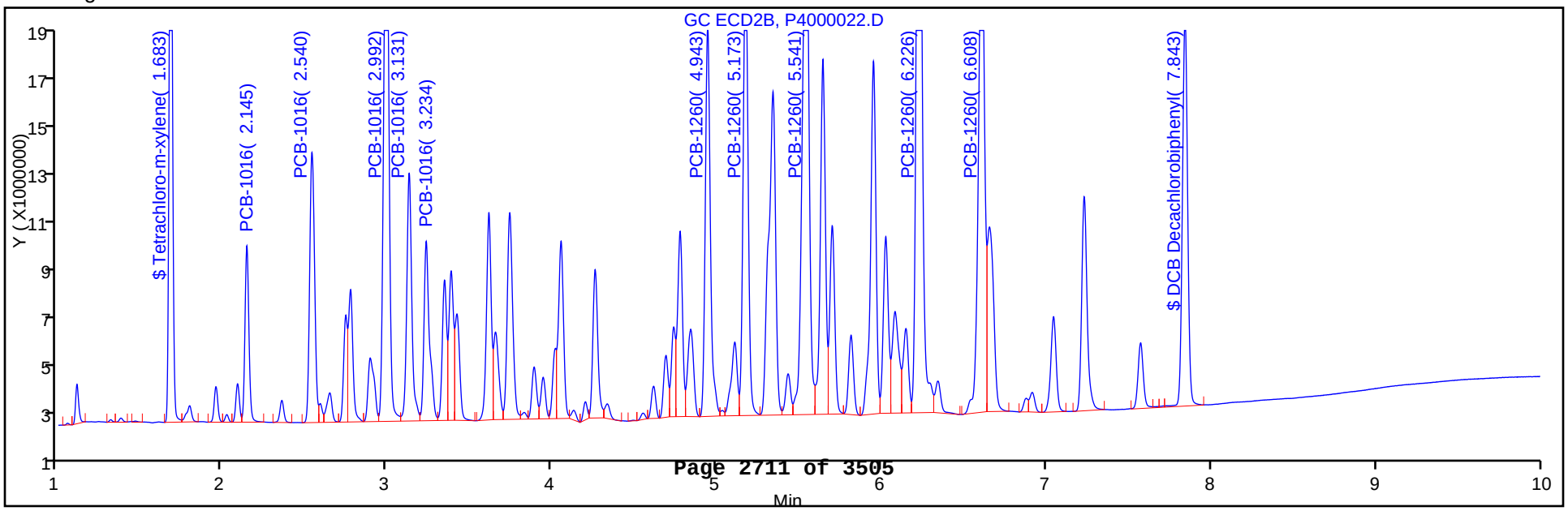
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Injection Date:	17-Apr-2013 15:38:29	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82267	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22663-1

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.: 240-22663-1

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			

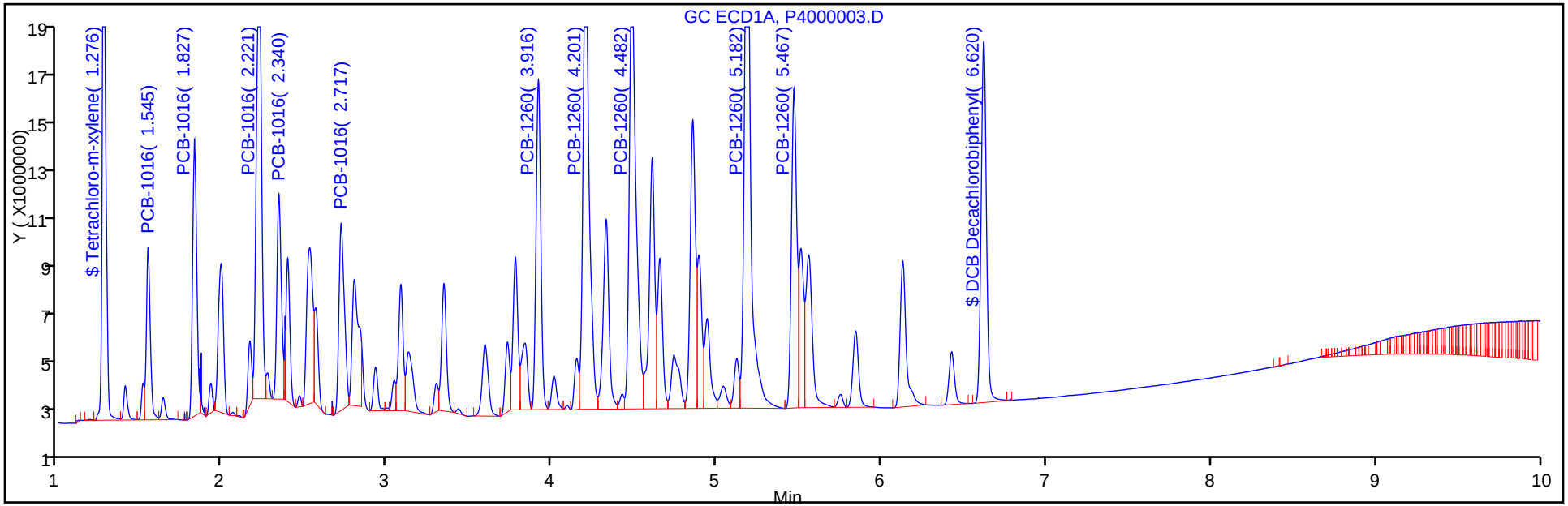
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TestAmerica Canton

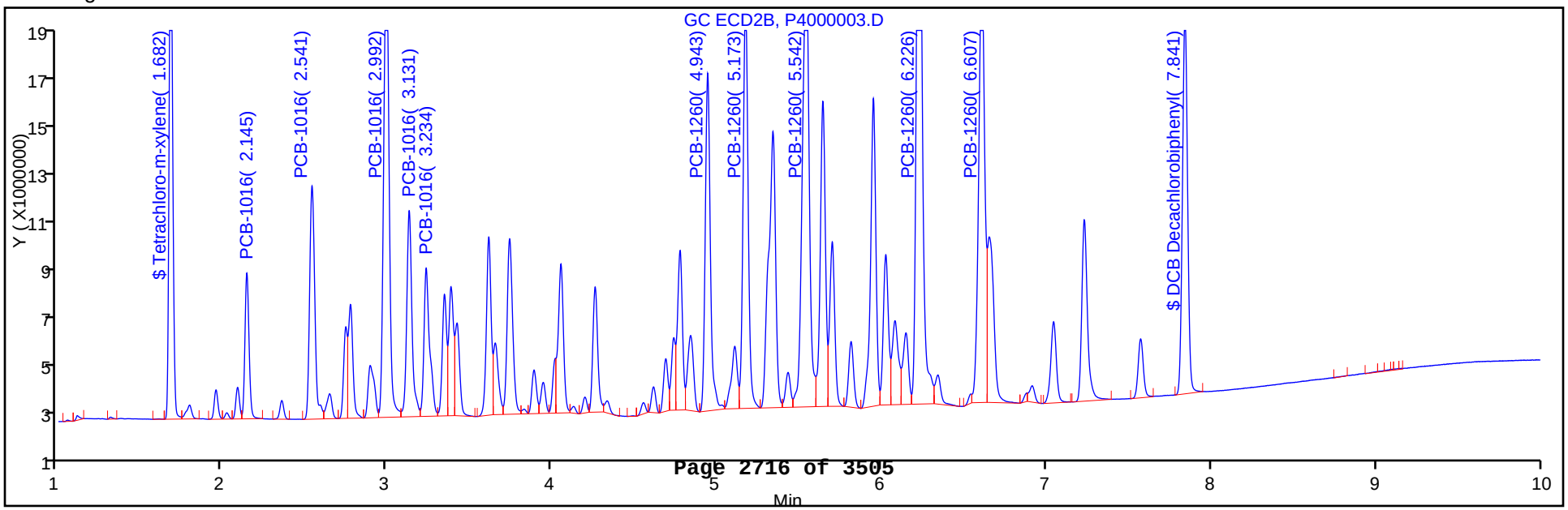
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Injection Date:	18-Apr-2013 09:37:23	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82363	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

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.: 240-22663-1

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.: 240-22663-1

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			

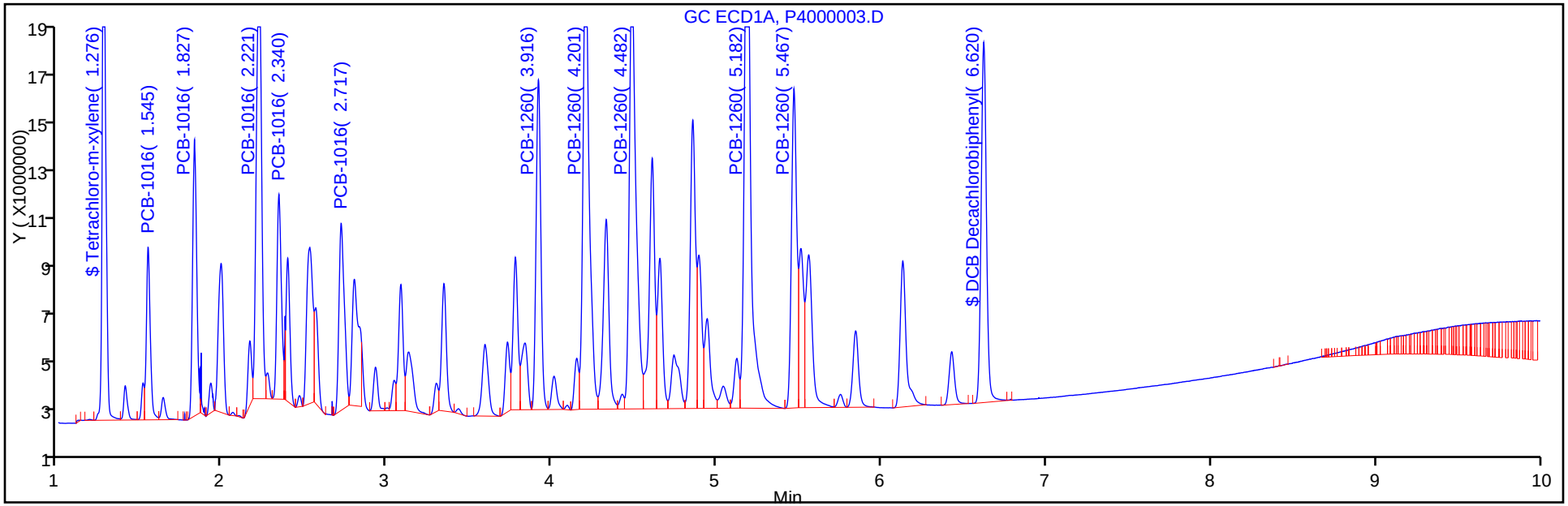
Report Date: 19-Apr-2013 14:48:00 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

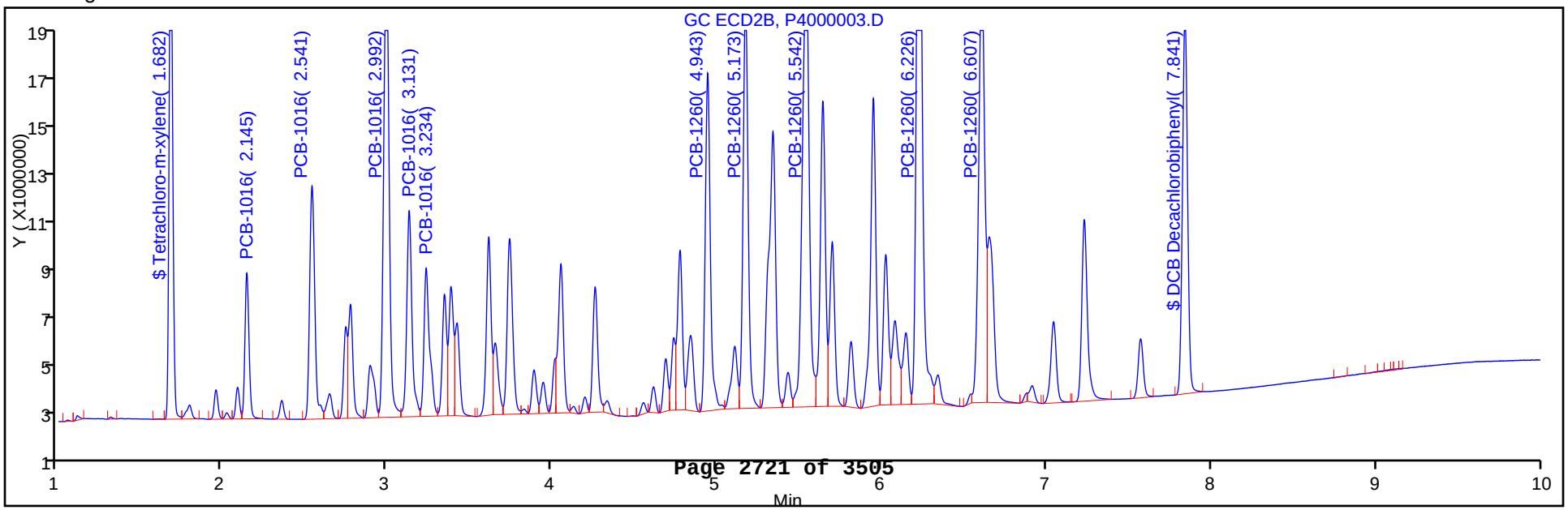
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Injection Date:	18-Apr-2013 09:37:23	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82363	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

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.: 240-22663-1

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.: 240-22663-1

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			

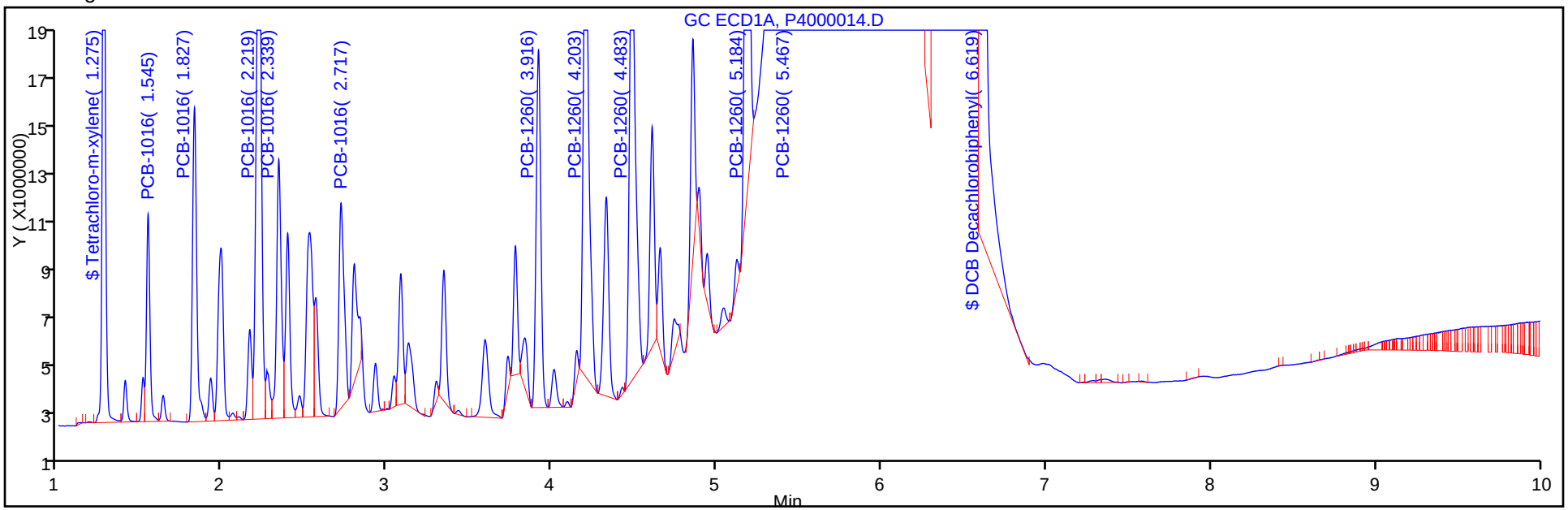
Report Date: 19-Apr-2013 14:47:51 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

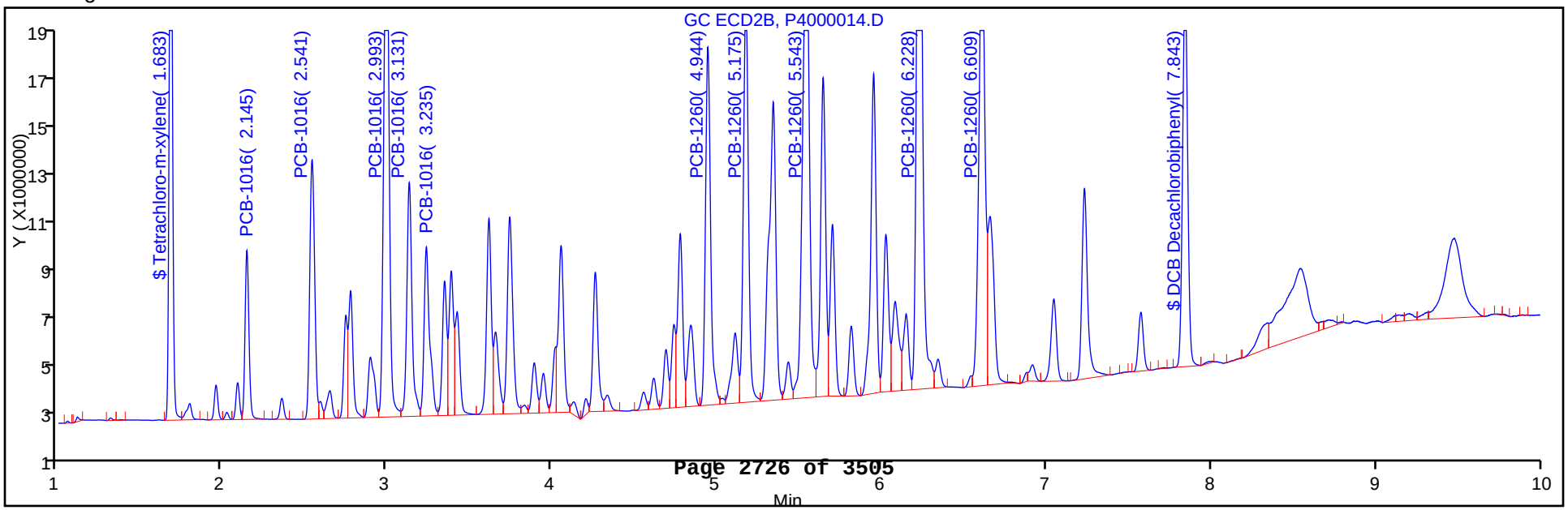
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Injection Date:	18-Apr-2013 12:29:13	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82363	Lims Sample ID:	14
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

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.: 240-22663-1

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.: 240-22663-1

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			

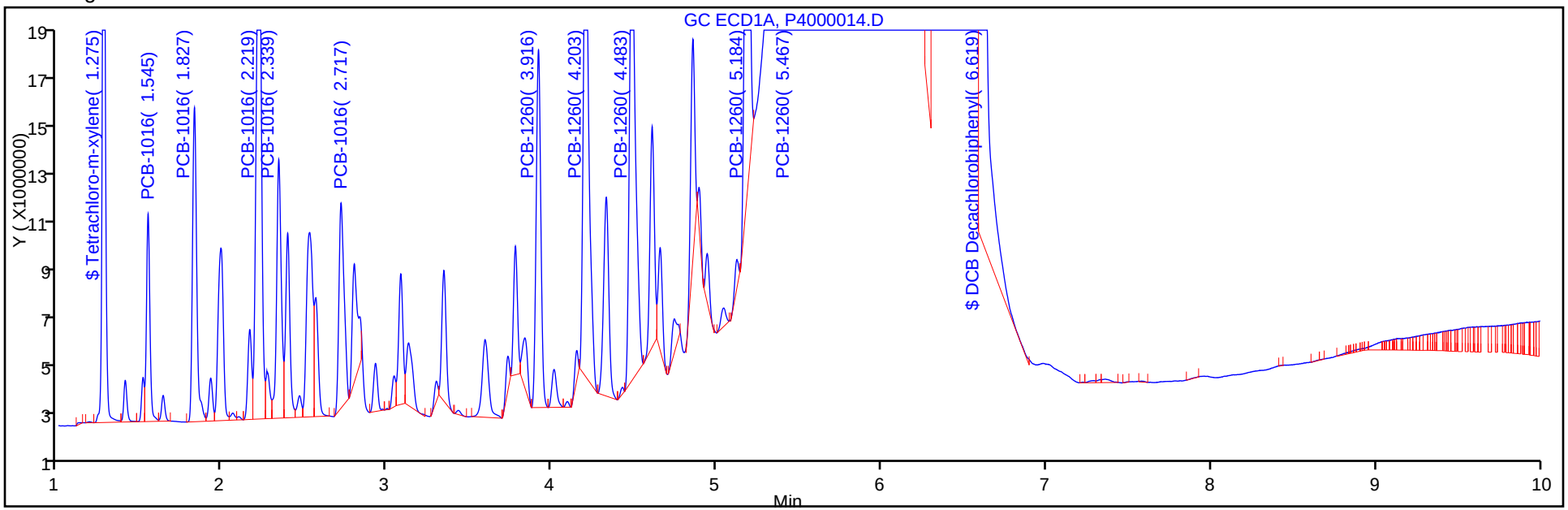
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TestAmerica Canton

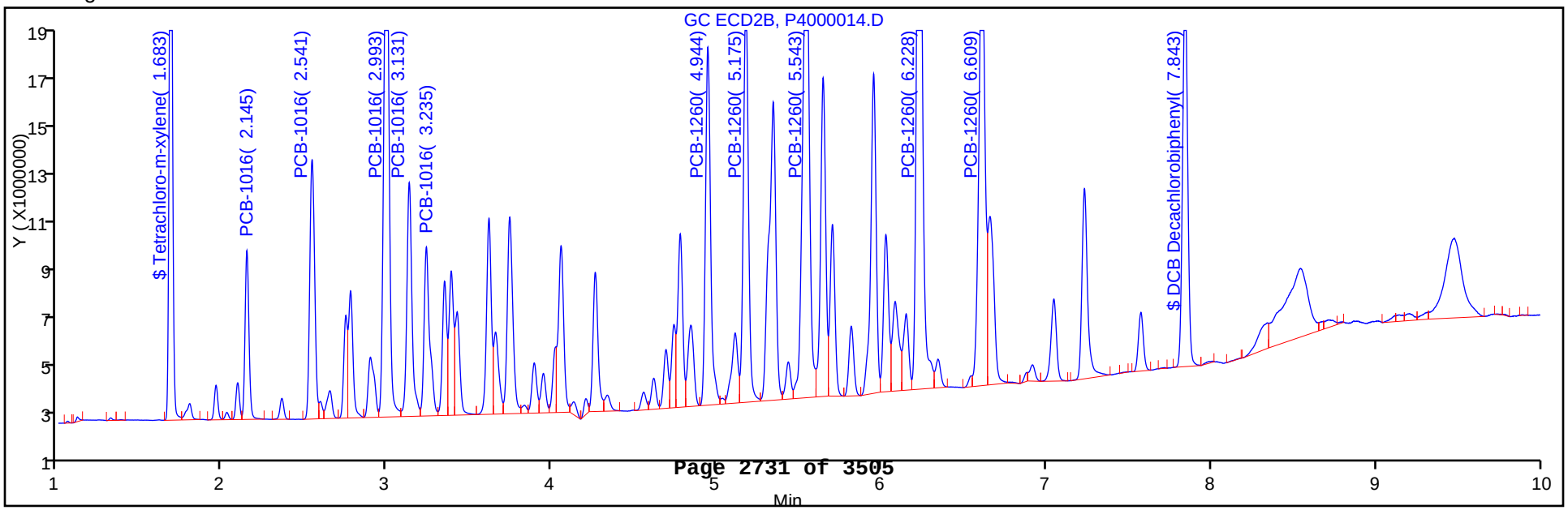
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000014.D

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.: 240-22663-1

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.: 240-22663-1

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

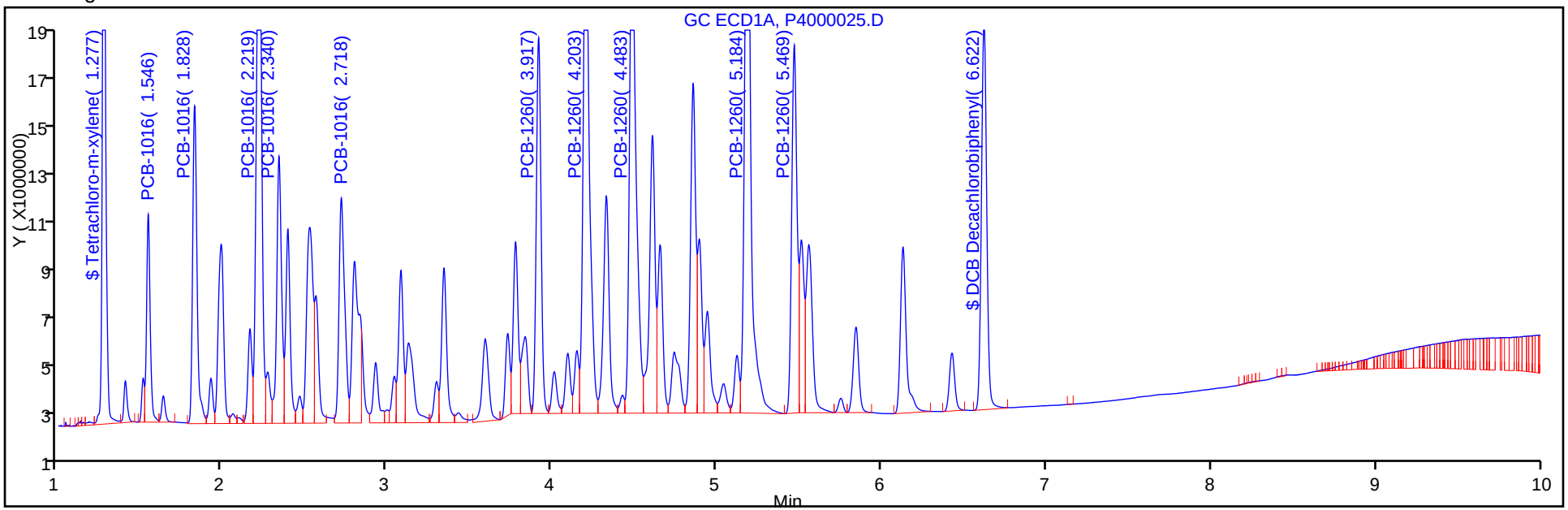
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TestAmerica Canton

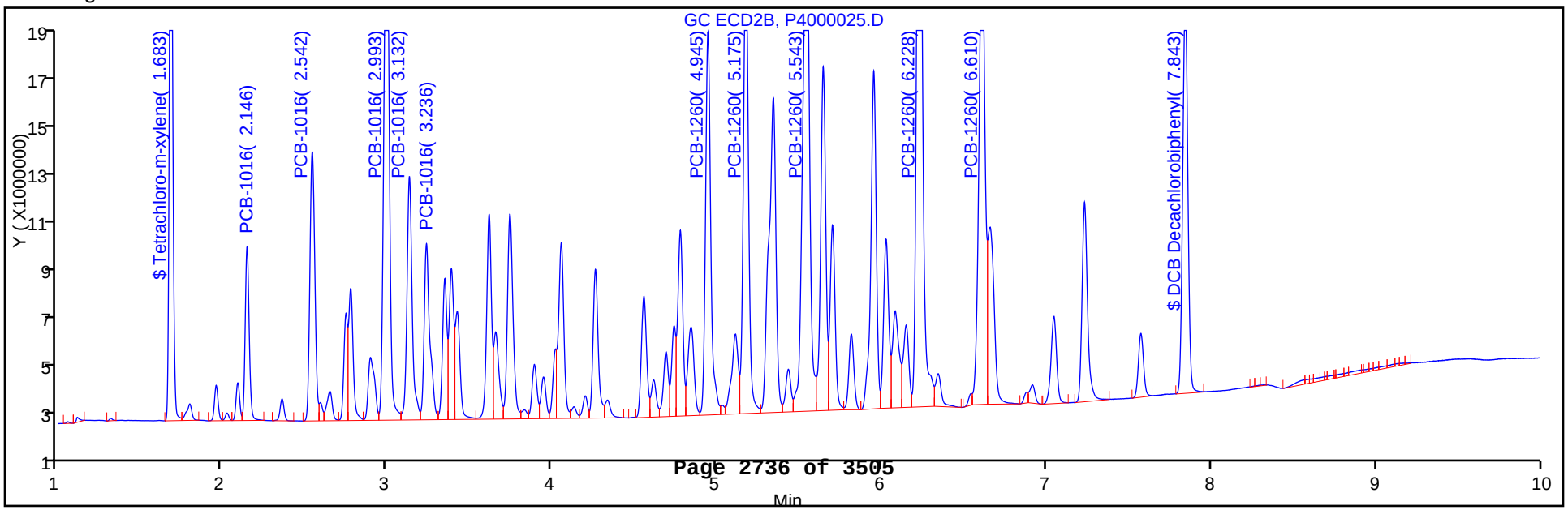
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Injection Date:	18-Apr-2013 15:21:23	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82363	Lims Sample ID:	25
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



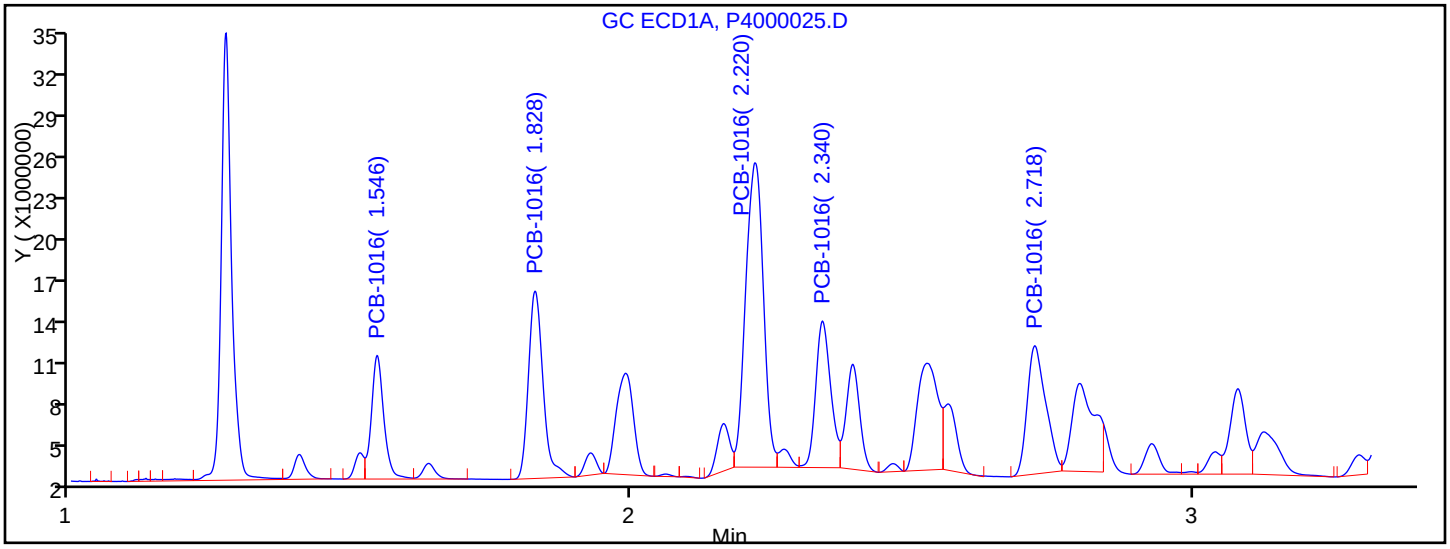
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TestAmerica Canton

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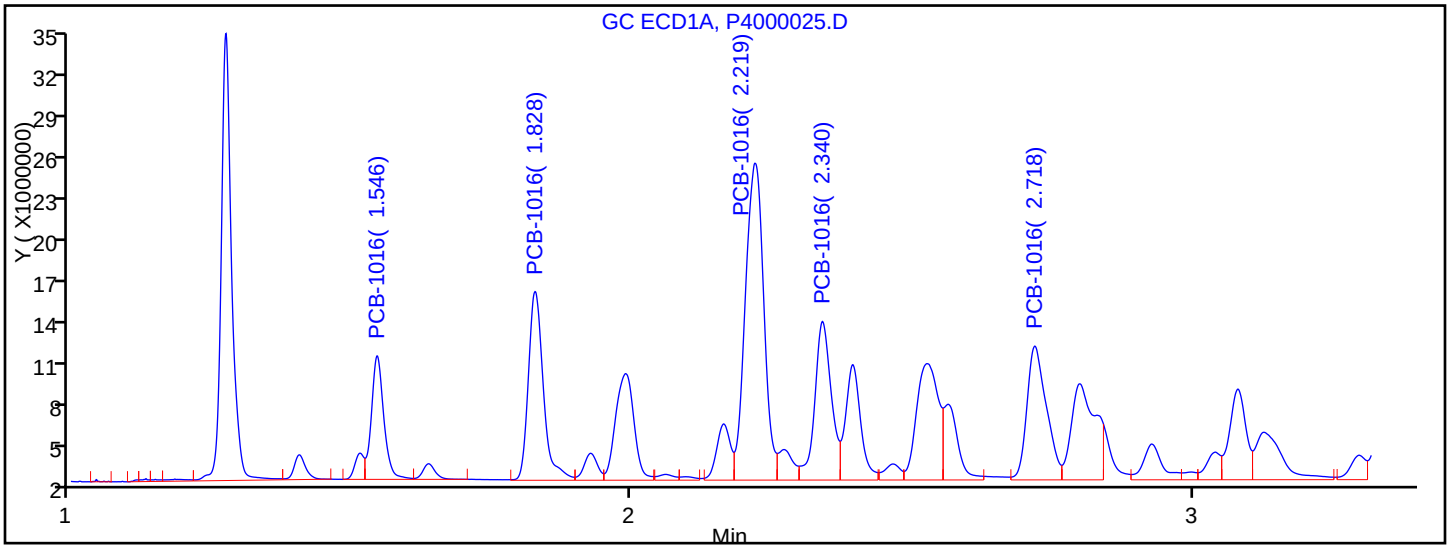
Injection Date:	18-Apr-2013 15:21:23	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82363	Lims Sample ID:	25
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

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.: 240-22663-1

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.: 240-22663-1

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

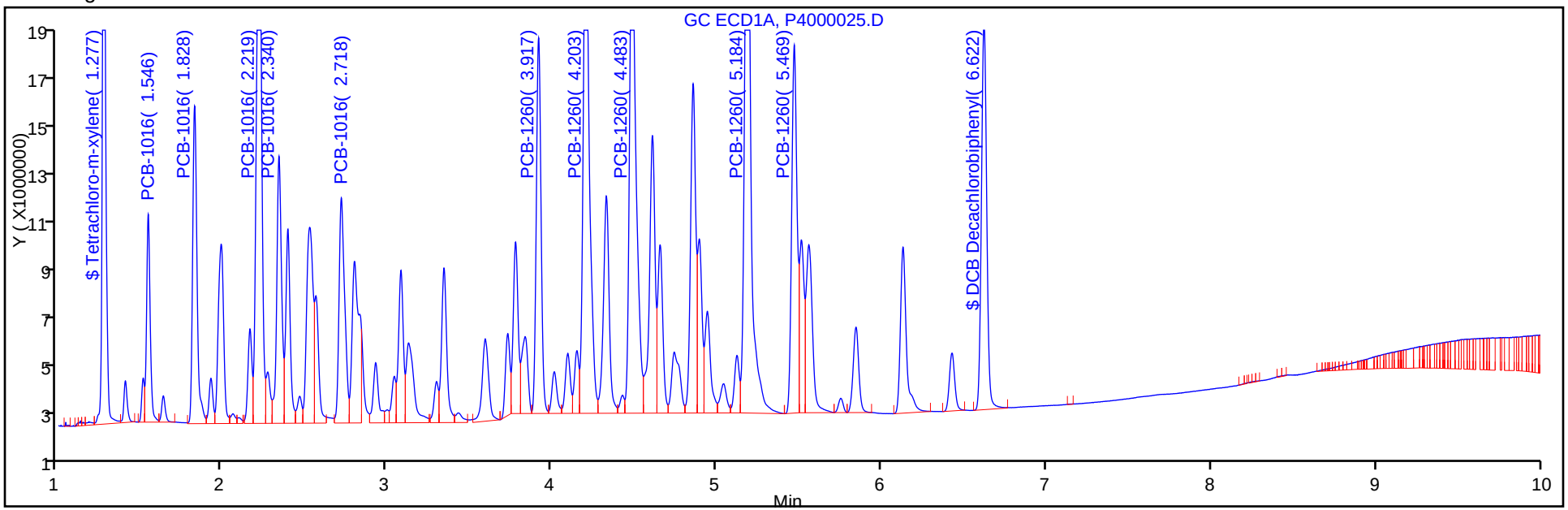
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TestAmerica Canton

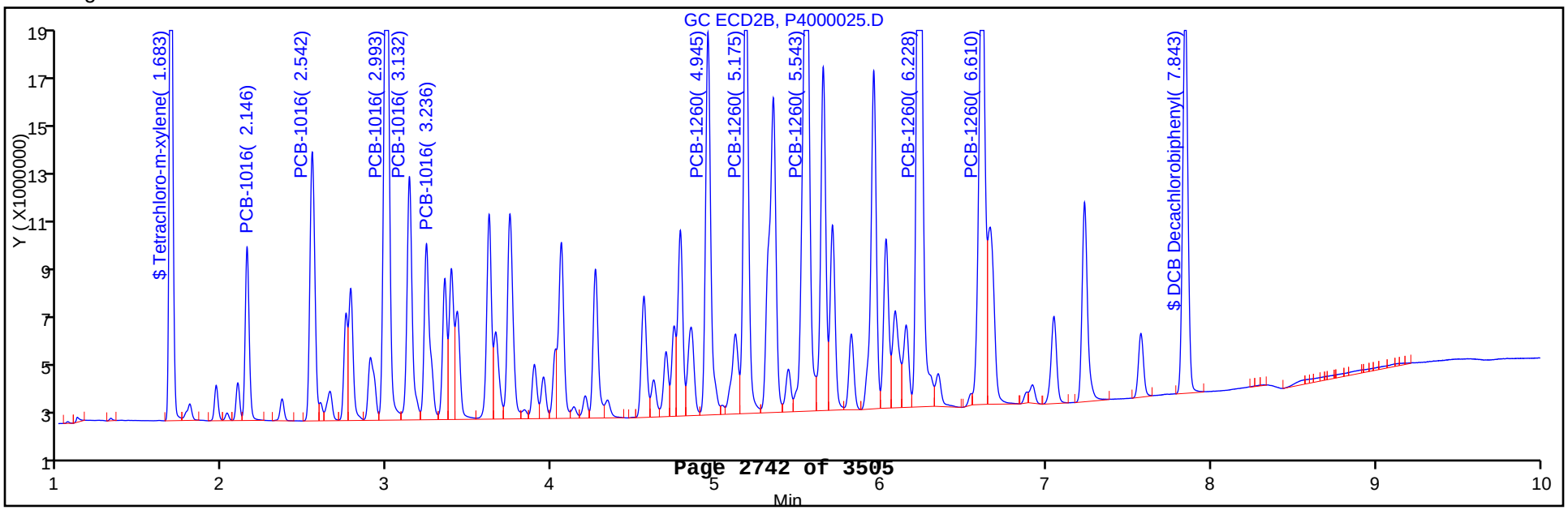
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Injection Date:	18-Apr-2013 15:21:23	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82363	Lims Sample ID:	25
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

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.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 240-82656/3 Calibration Date: 04/19/2013 08:35

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	27912510		0.514	0.500	2.9	20.0
PCB-1016 Peak 2	Ave	48967138	48912230		0.499	0.500	-0.1	20.0
PCB-1016 Peak 3	Ave	93440084	96602996		0.517	0.500	3.4	20.0
PCB-1016 Peak 4	Ave	41962283	42283404		0.504	0.500	0.8	20.0
PCB-1016 Peak 5	Ave	42399034	41843702		0.493	0.500	-1.3	20.0
PCB-1260 Peak 1	Ave	62400345	60596566		0.486	0.500	-2.9	20.0
PCB-1260 Peak 2	Ave	110128120	111445018		0.506	0.500	1.2	20.0
PCB-1260 Peak 3	Ave	107668512	111502796		0.518	0.500	3.6	20.0
PCB-1260 Peak 4	Ave	129376197	132397284		0.512	0.500	2.3	20.0
PCB-1260 Peak 5	Ave	58244642	64782072		0.556	0.500	11.2	20.0
Tetrachloro-m-xylene	Ave	1583607317	1614462680		0.0255	0.0250	1.9	20.0
DCB Decachlorobiphenyl	Ave	1335217125	1479062800		0.0277	0.0250	10.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 240-82656/3 Calibration Date: 04/19/2013 08:35

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\20130419-19046.b\P4000003.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 19-Apr-2013 08:35:07 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0019046-003
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 3
Lims Batch ID: 82656 Lims Sample ID: 3
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130419-19046.b\PCB4.m
Last Update: 19-Apr-2013 13:11:43 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	1.278	1.278	0.000	40361567	0.0255			
2	2	1.685	1.685	0.000	38259658	0.0242			
						RPD = 4.98			
6 PCB-1016									
1	100	1.547	1.547	0.000	13956255	0.5143		100.0	
1	2	1.828	1.828	0.000	24456115	0.4994	156.0- 206.0	175.2	
1	3	2.222	2.222	0.000	48301498	0.5169	312.4- 362.4	346.1	
1	4	2.344	2.344	0.000	21141702	0.5038	118.7- 188.7	151.5	
1	5	2.720	2.720	0.000	20921851	0.4935	125.6- 175.6	149.9	
			Average of Peak Amounts =			0.5056			
2	6	2.148	2.148	0.000	12137207	0.4732		100.0	
2	7	2.544	2.544	0.000	24302485	0.4787	169.6- 229.6	200.2	
2	8	2.996	2.996	0.000	50677714	0.5099	351.4- 411.4	417.5	
2	9	3.134	3.134	0.000	21746927	0.4940	141.3- 201.3	179.2	
2	10	3.238	3.238	0.000	17096154	0.4991	102.5- 162.5	140.9	
			Average of Peak Amounts =			0.4910			
						RPD = 2.93			

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	30298283	0.4855		100.0	
1	2	4.206	4.206	0.000	55722509	0.5060	152.2- 202.2	183.9	
1	3	4.488	4.488	0.000	55751398	0.5178	146.4- 196.4	184.0	
1	4	5.190	5.190	0.000	66198642	0.5117	180.7- 230.7	218.5	
1	5	5.473	5.473	0.000	32391036	0.5561	64.1- 114.1	106.9	
			Average of Peak Amounts =			0.5154			
2	6	4.948	4.948	0.000	34803883	0.5060		100.0	
2	7	5.178	5.178	0.000	41520695	0.5201	87.6- 147.6	119.3	
2	8	5.546	5.546	0.000	61986106	0.5246	144.7- 204.7	178.1	
2	9	6.231	6.231	0.000	78456446	0.5381	187.7- 247.7	225.4	
2	10	6.611	6.611	0.000	52747917	0.5457	115.0- 175.0	151.6	
			Average of Peak Amounts =			0.5269			
						RPD = 2.20			
$ 12 DCB Decachlorobiphenyl									
1	100	6.625	6.625	0.000	36976570	0.0277			
2	2	7.847	7.847	0.000	38376456	0.0263			
						RPD = 4.99			

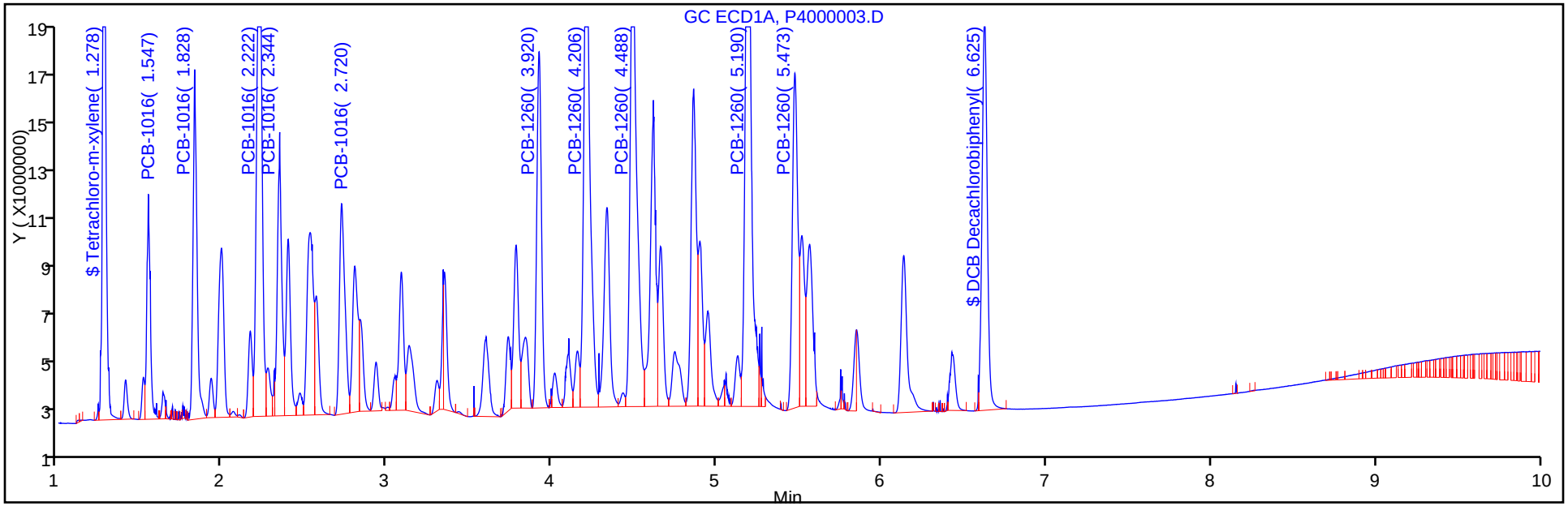
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TestAmerica Canton

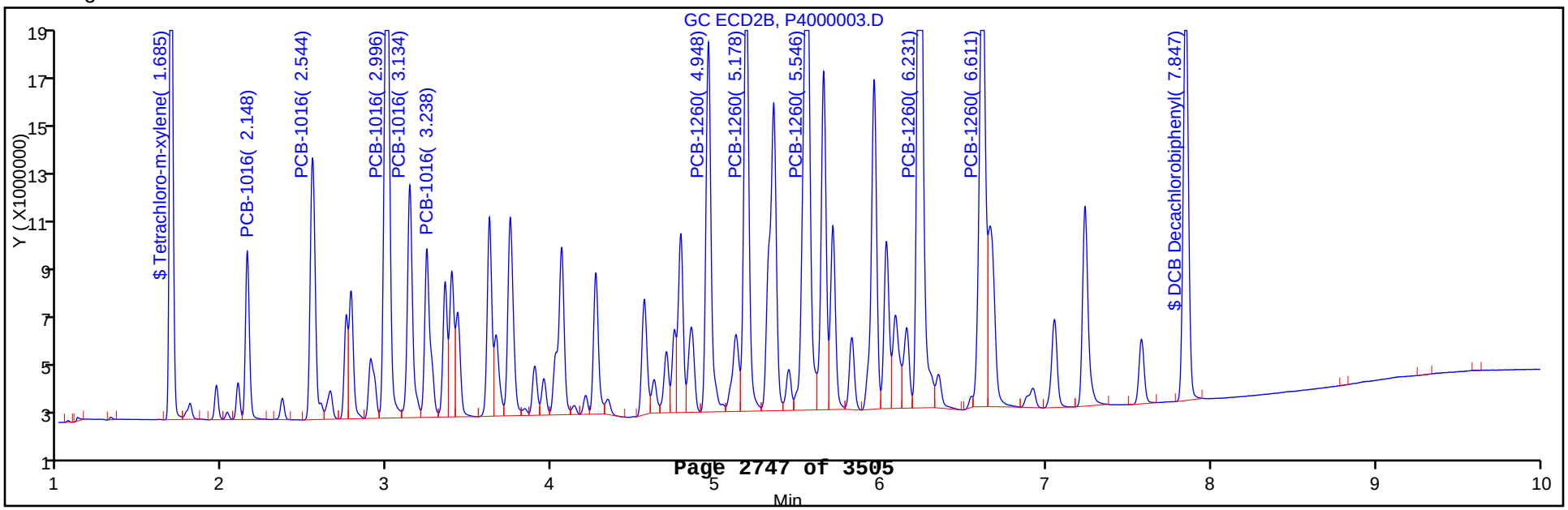
Data File: \\Ncchrom\ChromData\A2HP4\20130419-19046.b\P4000003.D

Injection Date:	19-Apr-2013 08:35:07	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82656	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.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 240-82656/3 Calibration Date: 04/19/2013 08:35

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	24274414		0.473	0.500	-5.4	20.0
PCB-1016 Peak 2	Ave	50771162	48604970		0.479	0.500	-4.3	20.0
PCB-1016 Peak 3	Ave	99379492	101355428		0.510	0.500	2.0	20.0
PCB-1016 Peak 4	Ave	44018240	43493854		0.494	0.500	-1.2	20.0
PCB-1016 Peak 5	Ave	34251515	34192308		0.499	0.500	-0.2	20.0
PCB-1260 Peak 1	Ave	68786213	69607766		0.506	0.500	1.2	20.0
PCB-1260 Peak 2	Ave	79832052	83041390		0.520	0.500	4.0	20.0
PCB-1260 Peak 3	Ave	118169923	123972212		0.525	0.500	4.9	20.0
PCB-1260 Peak 4	Ave	145808797	156912892		0.538	0.500	7.6	20.0
PCB-1260 Peak 5	Ave	96662928	105495834		0.546	0.500	9.1	20.0
Tetrachloro-m-xylene	Ave	1577823383	1530386320		0.0242	0.0250	-3.0	20.0
DCB Decachlorobiphenyl	Ave	1456619055	1535058240		0.0263	0.0250	5.4	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 240-82656/3 Calibration Date: 04/19/2013 08:35

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\20130419-19046.b\P4000003.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 19-Apr-2013 08:35:07 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0019046-003
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 3
Lims Batch ID: 82656 Lims Sample ID: 3
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130419-19046.b\PCB4.m
Last Update: 19-Apr-2013 13:11:43 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	1.278	1.278	0.000	40361567	0.0255			
2	2	1.685	1.685	0.000	38259658	0.0242			
						RPD = 4.98			
6 PCB-1016									
1	100	1.547	1.547	0.000	13956255	0.5143		100.0	
1	2	1.828	1.828	0.000	24456115	0.4994	156.0- 206.0	175.2	
1	3	2.222	2.222	0.000	48301498	0.5169	312.4- 362.4	346.1	
1	4	2.344	2.344	0.000	21141702	0.5038	118.7- 188.7	151.5	
1	5	2.720	2.720	0.000	20921851	0.4935	125.6- 175.6	149.9	
			Average of Peak Amounts =			0.5056			
2	6	2.148	2.148	0.000	12137207	0.4732		100.0	
2	7	2.544	2.544	0.000	24302485	0.4787	169.6- 229.6	200.2	
2	8	2.996	2.996	0.000	50677714	0.5099	351.4- 411.4	417.5	
2	9	3.134	3.134	0.000	21746927	0.4940	141.3- 201.3	179.2	
2	10	3.238	3.238	0.000	17096154	0.4991	102.5- 162.5	140.9	
			Average of Peak Amounts =			0.4910			
						RPD = 2.93			

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	30298283	0.4855		100.0	
1	2	4.206	4.206	0.000	55722509	0.5060	152.2- 202.2	183.9	
1	3	4.488	4.488	0.000	55751398	0.5178	146.4- 196.4	184.0	
1	4	5.190	5.190	0.000	66198642	0.5117	180.7- 230.7	218.5	
1	5	5.473	5.473	0.000	32391036	0.5561	64.1- 114.1	106.9	
			Average of Peak Amounts =			0.5154			
2	6	4.948	4.948	0.000	34803883	0.5060		100.0	
2	7	5.178	5.178	0.000	41520695	0.5201	87.6- 147.6	119.3	
2	8	5.546	5.546	0.000	61986106	0.5246	144.7- 204.7	178.1	
2	9	6.231	6.231	0.000	78456446	0.5381	187.7- 247.7	225.4	
2	10	6.611	6.611	0.000	52747917	0.5457	115.0- 175.0	151.6	
			Average of Peak Amounts =			0.5269			
						RPD = 2.20			
$ 12 DCB Decachlorobiphenyl									
1	100	6.625	6.625	0.000	36976570	0.0277			
2	2	7.847	7.847	0.000	38376456	0.0263			
						RPD = 4.99			

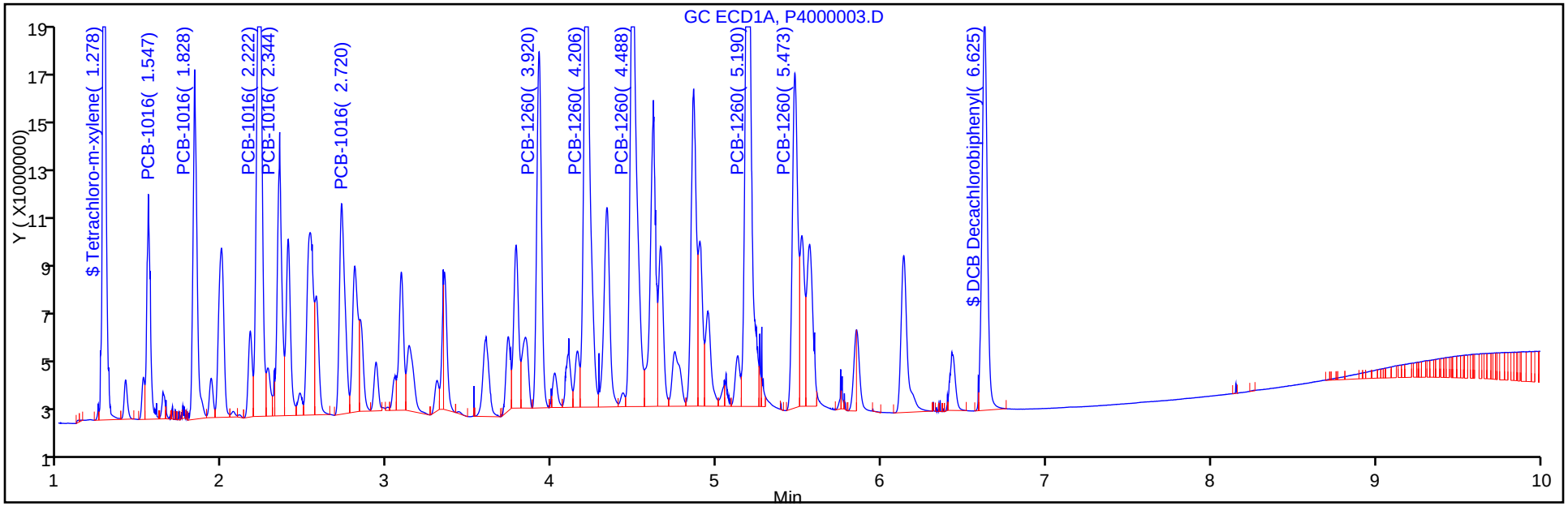
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TestAmerica Canton

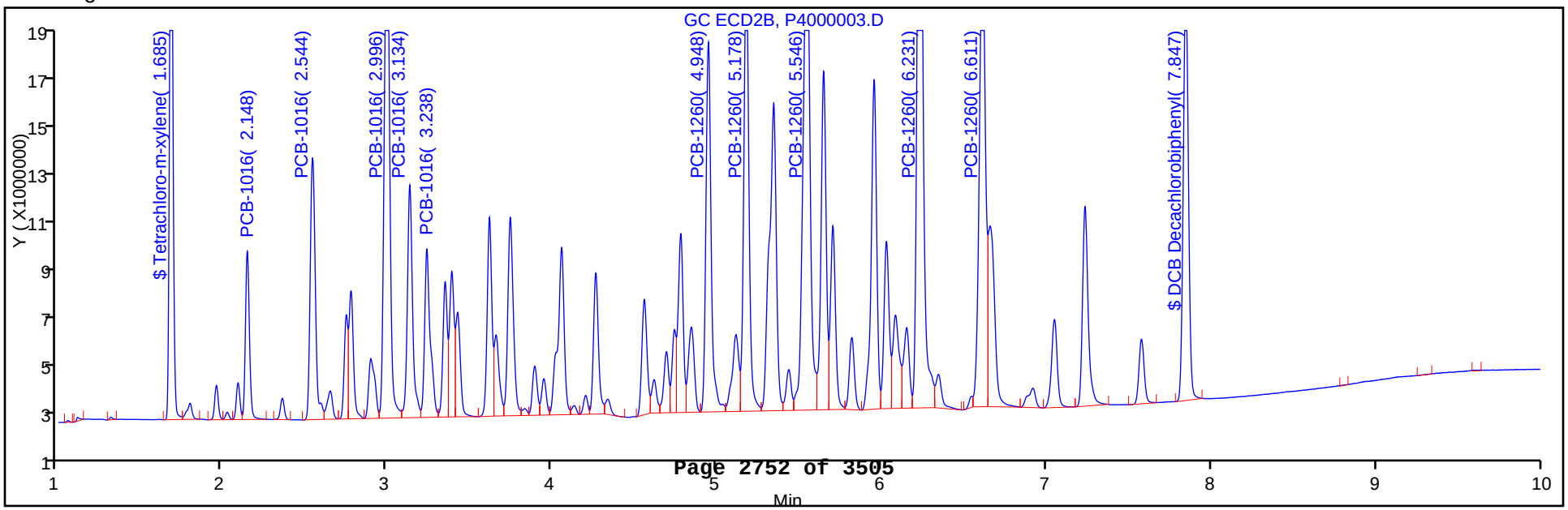
Data File: \\Ncchrom\ChromData\A2HP4\20130419-19046.b\P4000003.D

Injection Date:	19-Apr-2013 08:35:07	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82656	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.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 240-82656/6 Calibration Date: 04/19/2013 09:22

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: P4000006.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	26970586		0.497	0.500	-0.6	20.0
PCB-1016 Peak 2	Ave	48967138	49068714		0.501	0.500	0.2	20.0
PCB-1016 Peak 3	Ave	93440084	100220666		0.536	0.500	7.3	20.0
PCB-1016 Peak 4	Ave	41962283	43580814		0.519	0.500	3.9	20.0
PCB-1016 Peak 5	Ave	42399034	42677398		0.503	0.500	0.7	20.0
PCB-1260 Peak 1	Ave	62400345	62395058		0.500	0.500	-0.0	20.0
PCB-1260 Peak 2	Ave	110128120	114692066		0.521	0.500	4.1	20.0
PCB-1260 Peak 3	Ave	107668512	115002740		0.534	0.500	6.8	20.0
PCB-1260 Peak 4	Ave	129376197	141706716		0.548	0.500	9.5	20.0
PCB-1260 Peak 5	Ave	58244642	65468646		0.562	0.500	12.4	20.0
Tetrachloro-m-xylene	Ave	1583607317	1638518320		0.0259	0.0250	3.5	20.0
DCB Decachlorobiphenyl	Ave	1335217125	1556326240		0.0291	0.0250	16.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 240-82656/6 Calibration Date: 04/19/2013 09:22

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: P4000006.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\20130419-19046.b\P4000006.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 19-Apr-2013 09:22:04 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0019046-006
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 6
Lims Batch ID: 82656 Lims Sample ID: 6
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130419-19046.b\PCB4.m
Last Update: 19-Apr-2013 13:11:47 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: XAWRK027

First Level Reviewer: hassl Date: 19-Apr-2013 13:10:47

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.278	1.278	0.000	40962958	0.0259			
2	2	1.685	1.685	0.000	39485094	0.0250			
						RPD = 3.31			
6 PCB-1016									
1	100	1.548	1.548	0.000	13485293	0.4969		100.0	
1	2	1.829	1.829	0.000	24534357	0.5010	156.0- 206.0	181.9	
1	3	2.223	2.223	0.000	50110333	0.5363	312.4- 362.4	371.6	
1	4	2.344	2.344	0.000	21790407	0.5193	118.7- 188.7	161.6	
1	5	2.721	2.721	0.000	21338699	0.5033	125.6- 175.6	158.2	
			Average of Peak Amounts =			0.5114			
2	6	2.148	2.148	0.000	12624414	0.4922		100.0	
2	7	2.544	2.544	0.000	25050033	0.4934	169.6- 229.6	198.4	
2	8	2.996	2.996	0.000	52471733	0.5280	351.4- 411.4	415.6	
2	9	3.135	3.135	0.000	22809349	0.5182	141.3- 201.3	180.7	
2	10	3.238	3.238	0.000	18070177	0.5276	102.5- 162.5	143.1	
			Average of Peak Amounts =			0.5119			
						RPD = 0.10			

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	31197529	0.5000		100.0	
1	2	4.207	4.207	0.000	57346033	0.5207	152.2- 202.2	183.8	
1	3	4.487	4.487	0.000	57501370	0.5341	146.4- 196.4	184.3	
1	4	5.188	5.188	0.000	70853358	0.5477	180.7- 230.7	227.1	
1	5	5.475	5.475	0.000	32734323	0.5620	64.1- 114.1	104.9	
			Average of Peak Amounts =			0.5329			
2	6	4.949	4.949	0.000	36805352	0.5351		100.0	
2	7	5.179	5.179	0.000	43574220	0.5458	87.6- 147.6	118.4	
2	8	5.547	5.547	0.000	64736816	0.5478	144.7- 204.7	175.9	
2	9	6.233	6.233	0.000	80911701	0.5549	187.7- 247.7	219.8	
2	10	6.614	6.614	0.000	54321844	0.5620	115.0- 175.0	147.6	
			Average of Peak Amounts =			0.5491			
						RPD = 3.00			
$ 12 DCB Decachlorobiphenyl									
1	100	6.628	6.628	0.000	38908156	0.0291			
2	2	7.848	7.848	0.000	39097088	0.0268			
						RPD = 8.21			

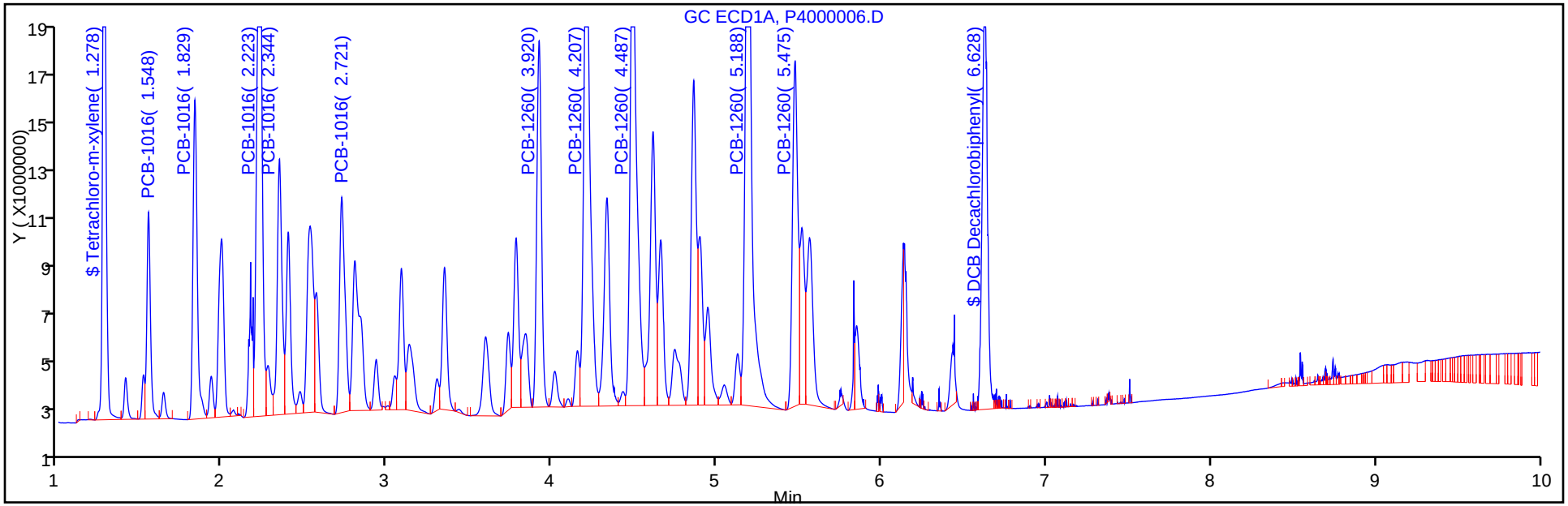
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TestAmerica Canton

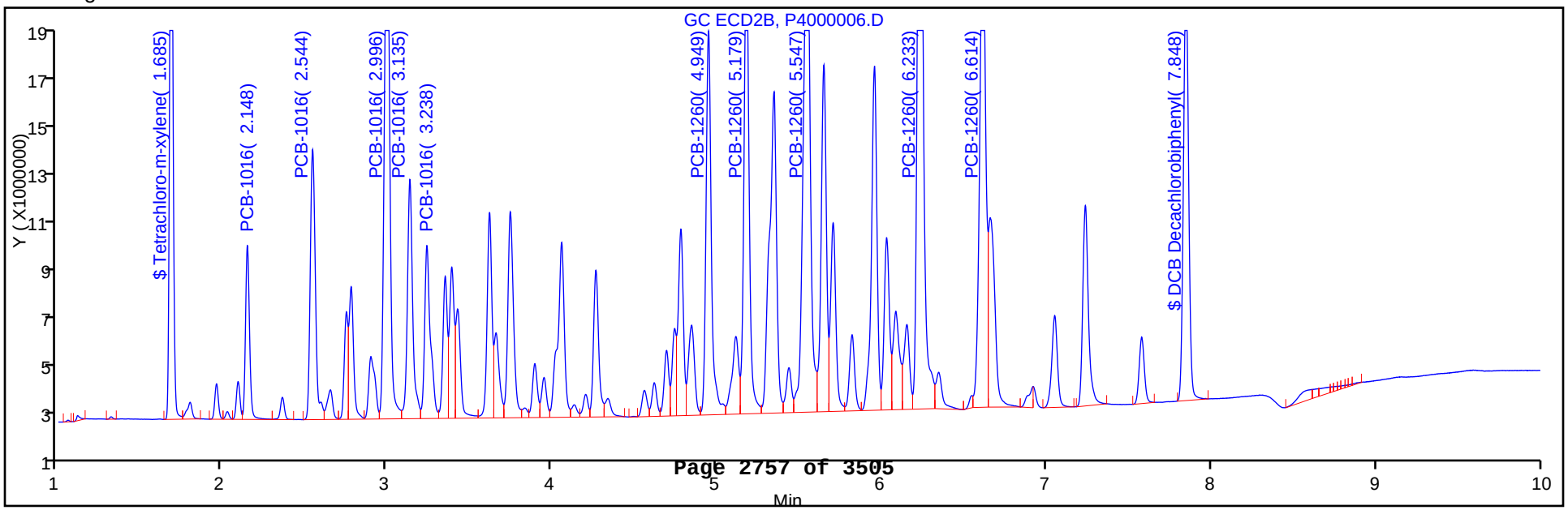
Data File: \\Ncchrom\ChromData\A2HP4\20130419-19046.b\P4000006.D

Injection Date:	19-Apr-2013 09:22:04	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82656	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 VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 240-82656/6 Calibration Date: 04/19/2013 09:22

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: P4000006.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	25248828		0.492	0.500	-1.6	20.0
PCB-1016 Peak 2	Ave	50771162	50100066		0.493	0.500	-1.3	20.0
PCB-1016 Peak 3	Ave	99379492	104943466		0.528	0.500	5.6	20.0
PCB-1016 Peak 4	Ave	44018240	45618698		0.518	0.500	3.6	20.0
PCB-1016 Peak 5	Ave	34251515	36140354		0.528	0.500	5.5	20.0
PCB-1260 Peak 1	Ave	68786213	73610704		0.535	0.500	7.0	20.0
PCB-1260 Peak 2	Ave	79832052	87148440		0.546	0.500	9.2	20.0
PCB-1260 Peak 3	Ave	118169923	129473632		0.548	0.500	9.6	20.0
PCB-1260 Peak 4	Ave	145808797	161823402		0.555	0.500	11.0	20.0
PCB-1260 Peak 5	Ave	96662928	108643688		0.562	0.500	12.4	20.0
Tetrachloro-m-xylene	Ave	1577823383	1579403760		0.0250	0.0250	0.1	20.0
DCB Decachlorobiphenyl	Ave	1456619055	1563883520		0.0268	0.0250	7.4	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 240-82656/6 Calibration Date: 04/19/2013 09:22

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: P4000006.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	3.14	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	6.61	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\20130419-19046.b\P4000006.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 19-Apr-2013 09:22:04 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0019046-006
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 6
Lims Batch ID: 82656 Lims Sample ID: 6
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130419-19046.b\PCB4.m
Last Update: 19-Apr-2013 13:11:47 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: XAWRK027

First Level Reviewer: hassl Date: 19-Apr-2013 13:10:47

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.278	1.278	0.000	40962958	0.0259			
2	2	1.685	1.685	0.000	39485094	0.0250			
						RPD = 3.31			
6 PCB-1016									
1	100	1.548	1.548	0.000	13485293	0.4969		100.0	
1	2	1.829	1.829	0.000	24534357	0.5010	156.0- 206.0	181.9	
1	3	2.223	2.223	0.000	50110333	0.5363	312.4- 362.4	371.6	
1	4	2.344	2.344	0.000	21790407	0.5193	118.7- 188.7	161.6	
1	5	2.721	2.721	0.000	21338699	0.5033	125.6- 175.6	158.2	
			Average of Peak Amounts =			0.5114			
2	6	2.148	2.148	0.000	12624414	0.4922		100.0	
2	7	2.544	2.544	0.000	25050033	0.4934	169.6- 229.6	198.4	
2	8	2.996	2.996	0.000	52471733	0.5280	351.4- 411.4	415.6	
2	9	3.135	3.135	0.000	22809349	0.5182	141.3- 201.3	180.7	
2	10	3.238	3.238	0.000	18070177	0.5276	102.5- 162.5	143.1	
			Average of Peak Amounts =			0.5119			
						RPD = 0.10			

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	31197529	0.5000		100.0	
1	2	4.207	4.207	0.000	57346033	0.5207	152.2- 202.2	183.8	
1	3	4.487	4.487	0.000	57501370	0.5341	146.4- 196.4	184.3	
1	4	5.188	5.188	0.000	70853358	0.5477	180.7- 230.7	227.1	
1	5	5.475	5.475	0.000	32734323	0.5620	64.1- 114.1	104.9	
			Average of Peak Amounts =			0.5329			
2	6	4.949	4.949	0.000	36805352	0.5351		100.0	
2	7	5.179	5.179	0.000	43574220	0.5458	87.6- 147.6	118.4	
2	8	5.547	5.547	0.000	64736816	0.5478	144.7- 204.7	175.9	
2	9	6.233	6.233	0.000	80911701	0.5549	187.7- 247.7	219.8	
2	10	6.614	6.614	0.000	54321844	0.5620	115.0- 175.0	147.6	
			Average of Peak Amounts =			0.5491			
						RPD = 3.00			
$ 12 DCB Decachlorobiphenyl									
1	100	6.628	6.628	0.000	38908156	0.0291			
2	2	7.848	7.848	0.000	39097088	0.0268			
						RPD = 8.21			

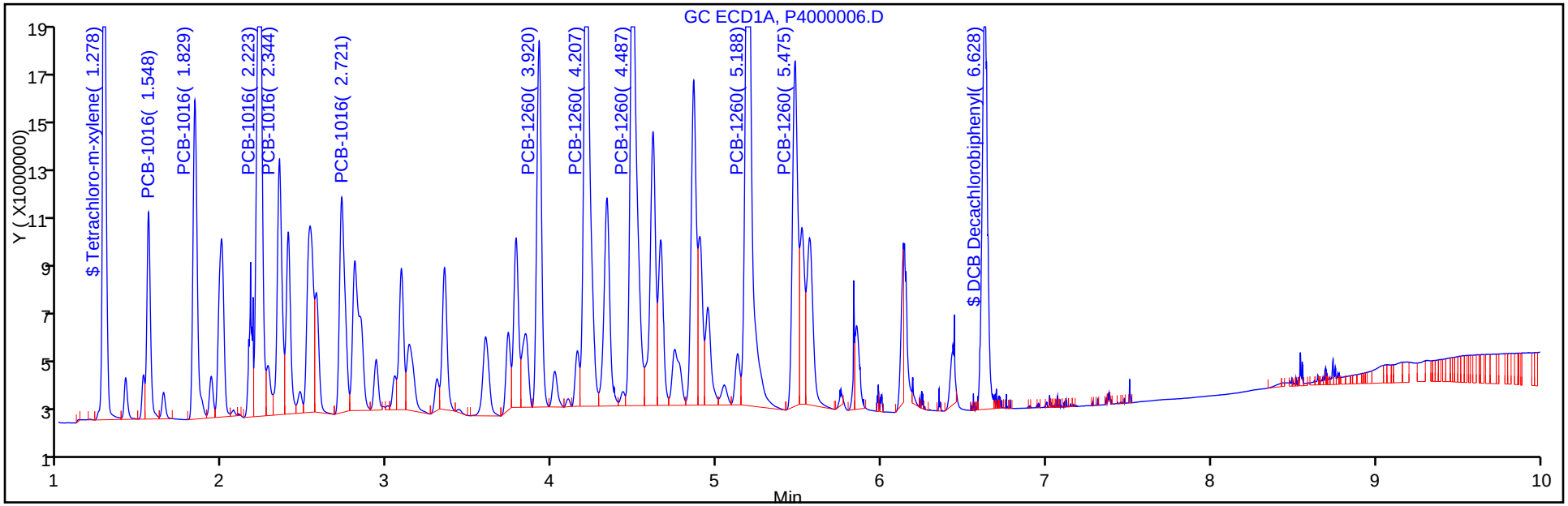
Report Date: 19-Apr-2013 13:11:48 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

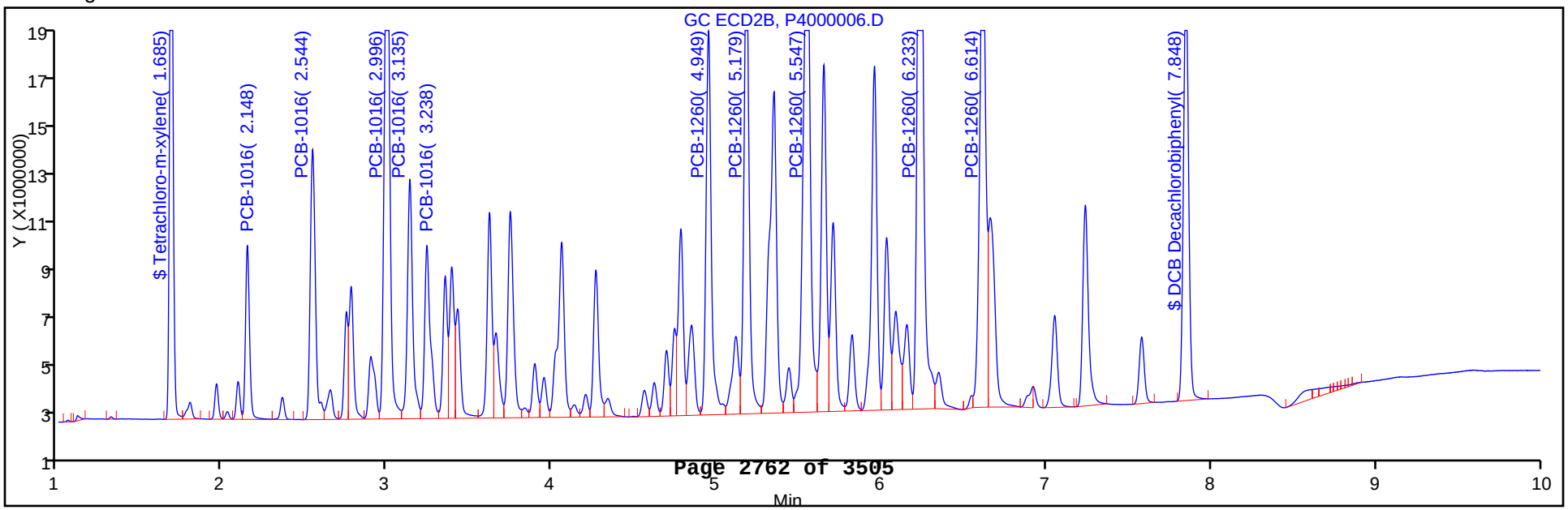
Data File: \\Ncchrom\ChromData\A2HP4\20130419-19046.b\P4000006.D

Injection Date:	19-Apr-2013 09:22:04	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82656	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 VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22663-1

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.: 240-22663-1

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

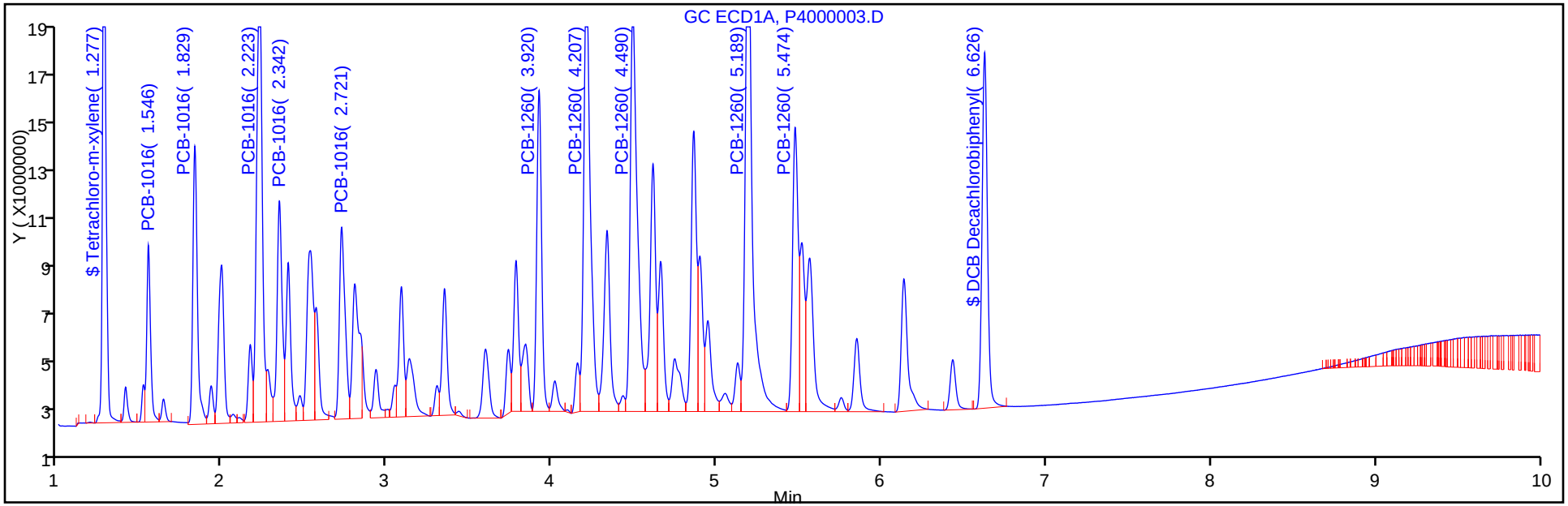
Report Date: 22-Apr-2013 12:47:41 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

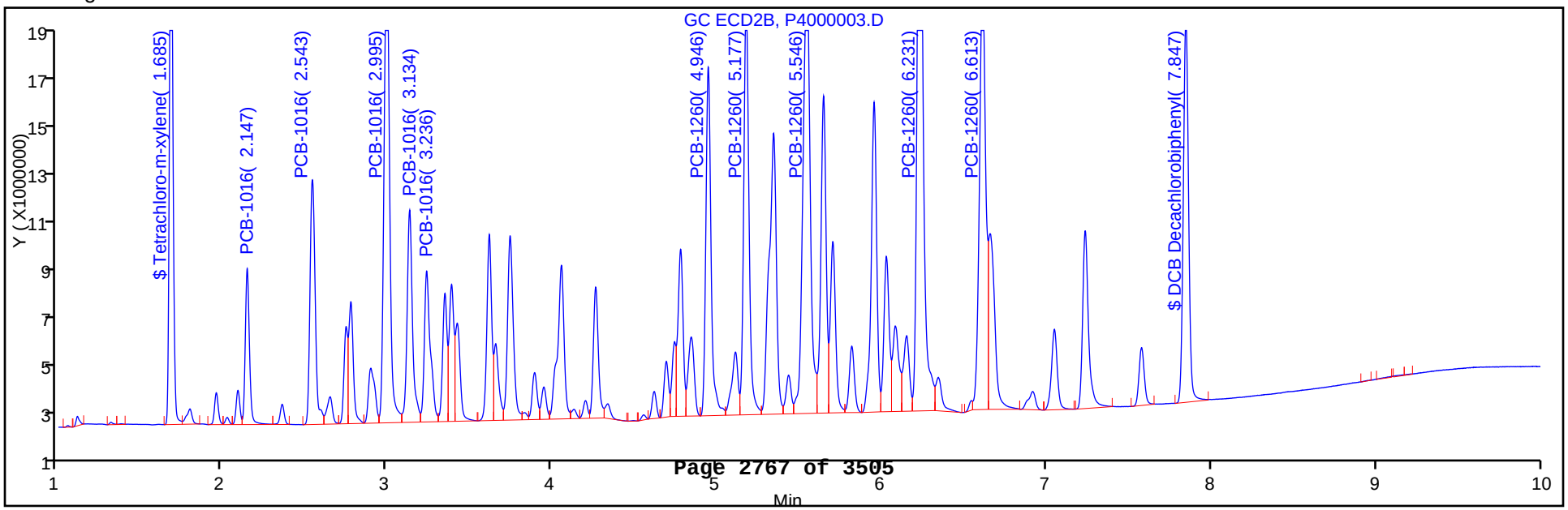
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Injection Date:	19-Apr-2013 21:58:31	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82762	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



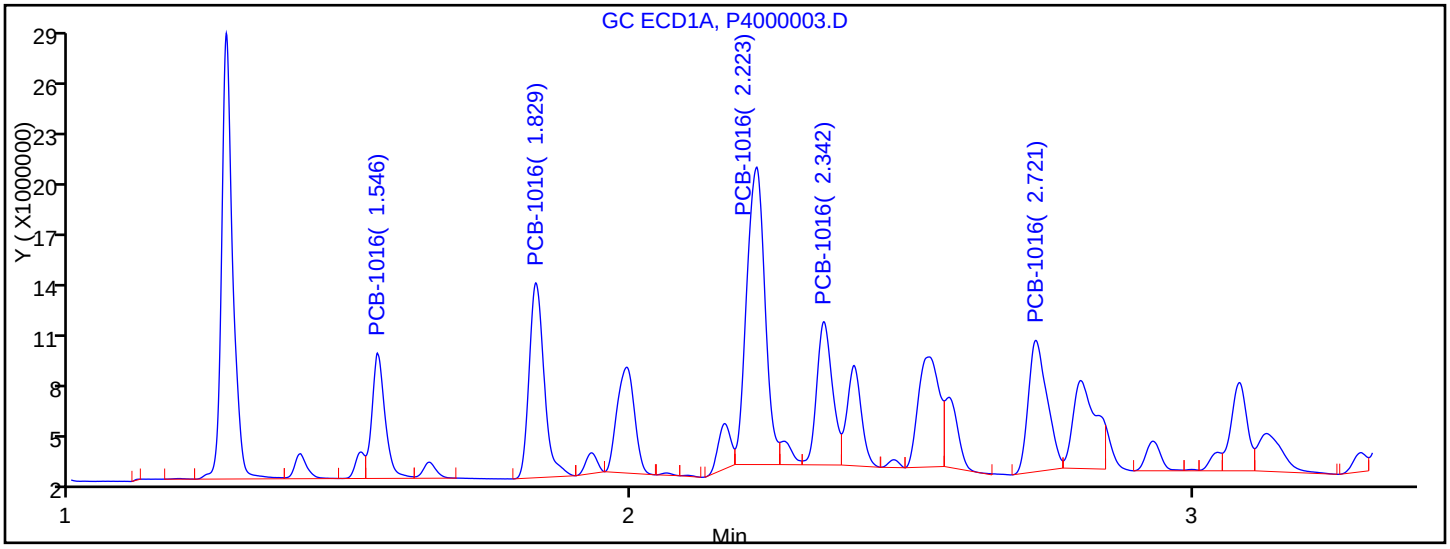
Report Date: 22-Apr-2013 12:47:41 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20130419-19070.b\P4000003.D

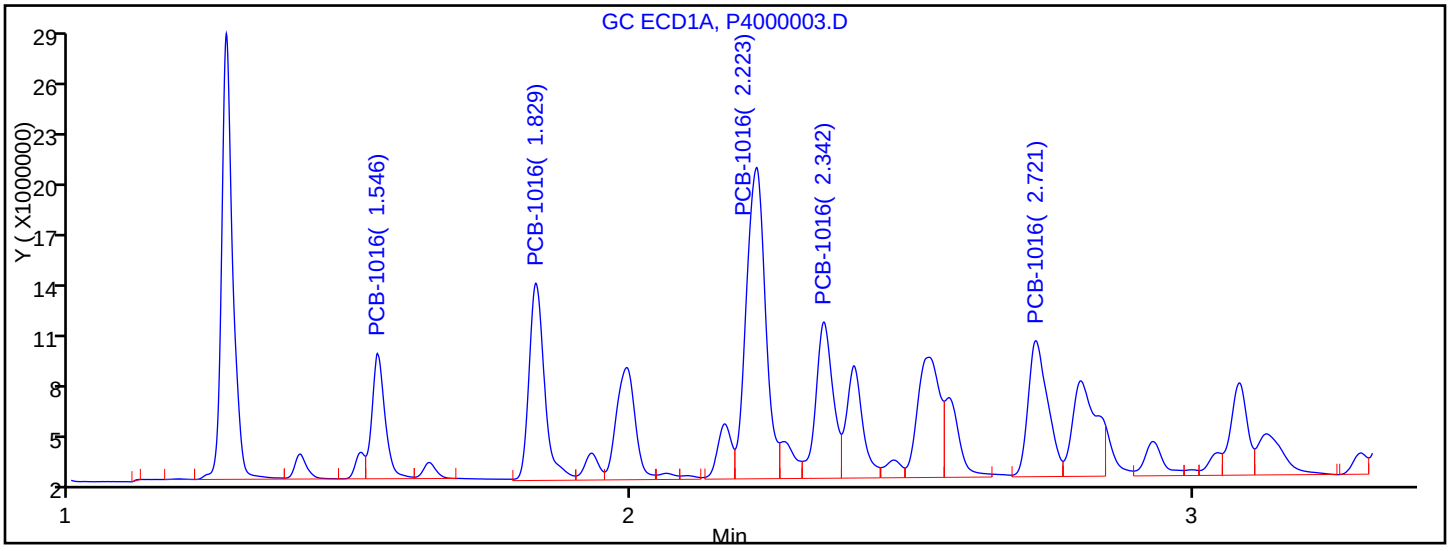
Injection Date:	19-Apr-2013 21:58:31	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82762	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

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.: 240-22663-1

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.: 240-22663-1

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

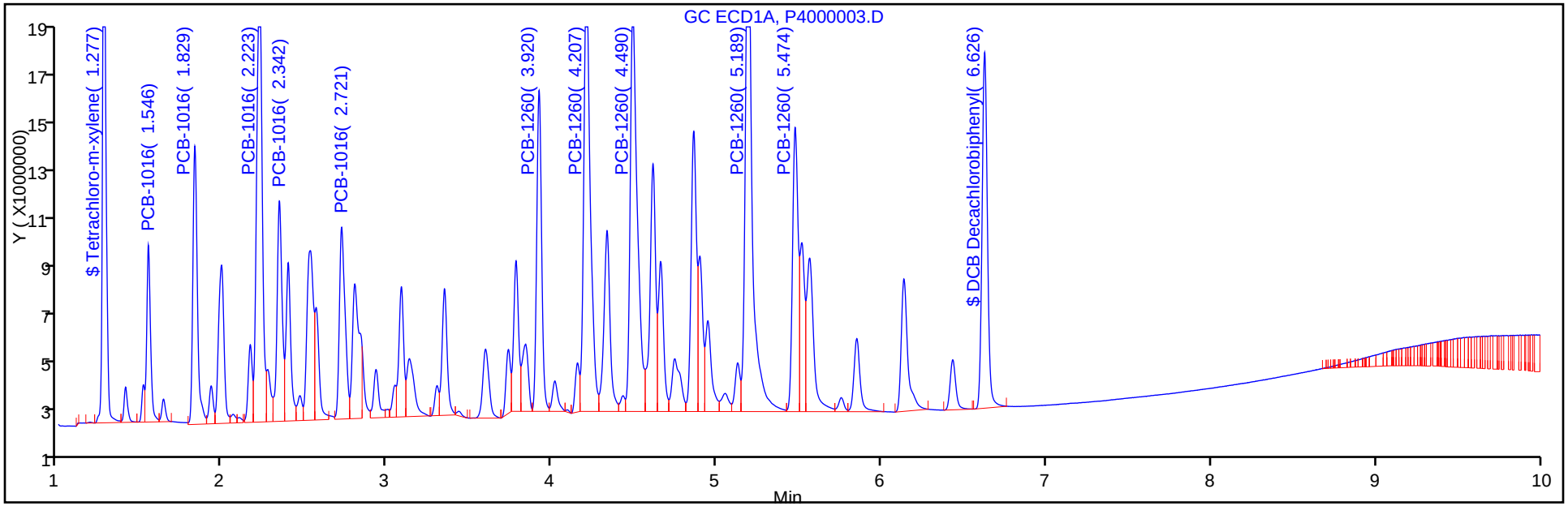
Report Date: 22-Apr-2013 12:47:42 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

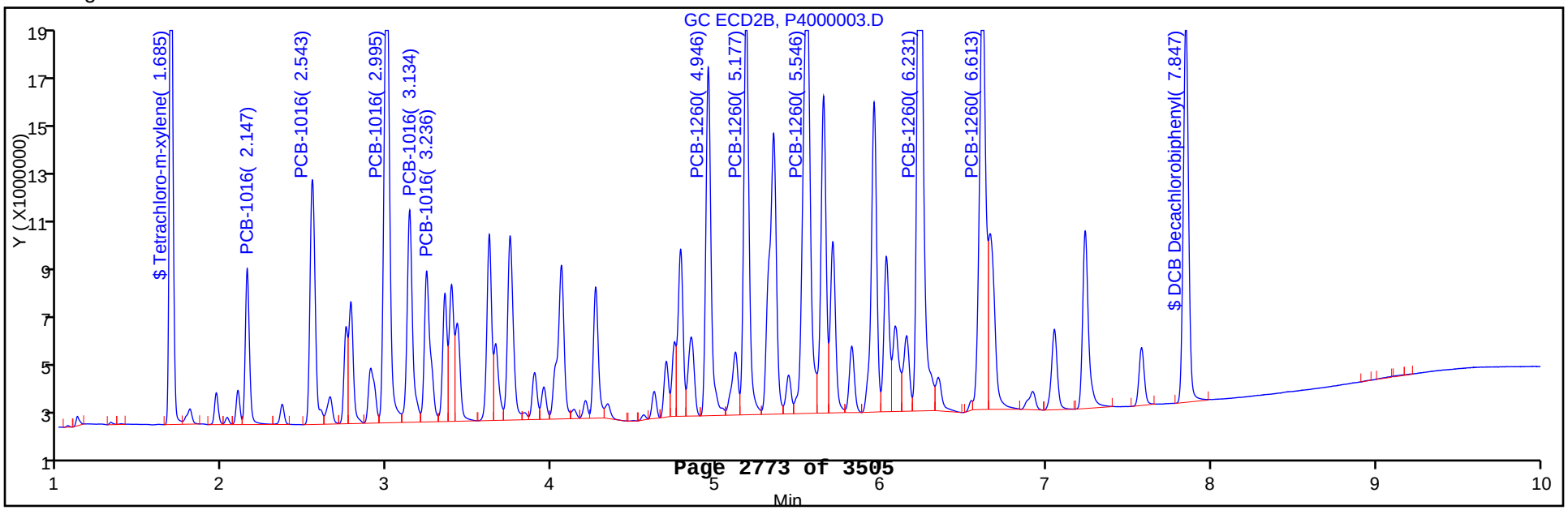
Data File: \\Ncchrom\ChromData\A2HP4\20130419-19070.b\P4000003.D

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.: 240-22663-1

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.: 240-22663-1

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

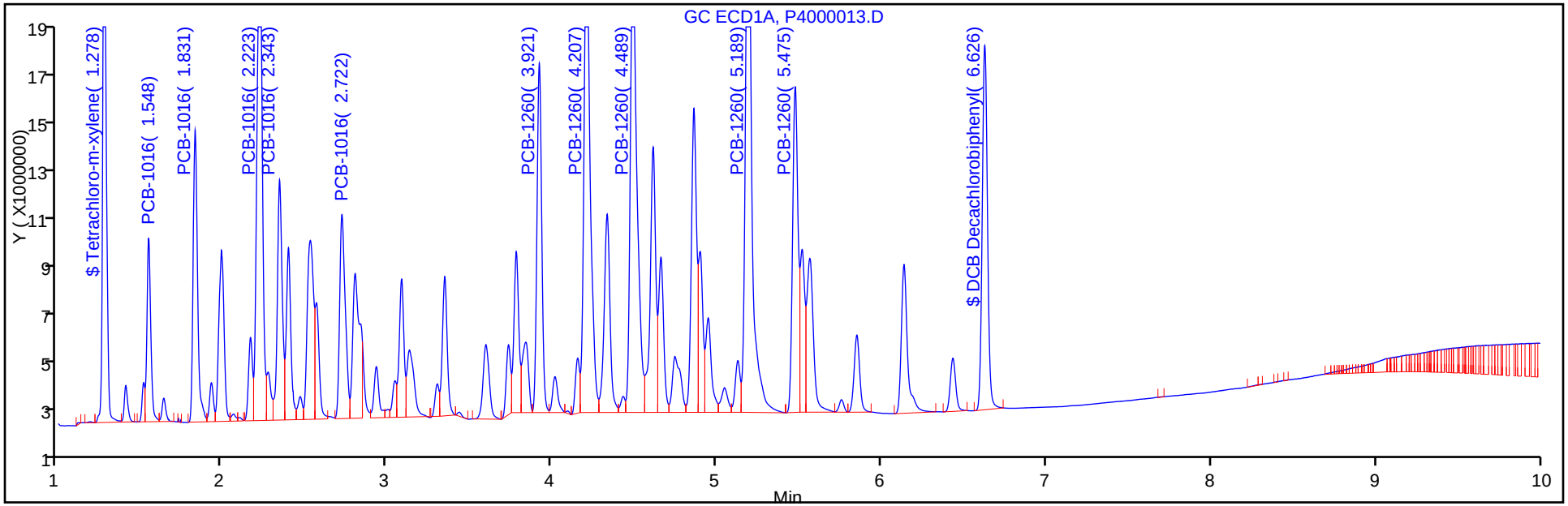
Report Date: 22-Apr-2013 12:47:38 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

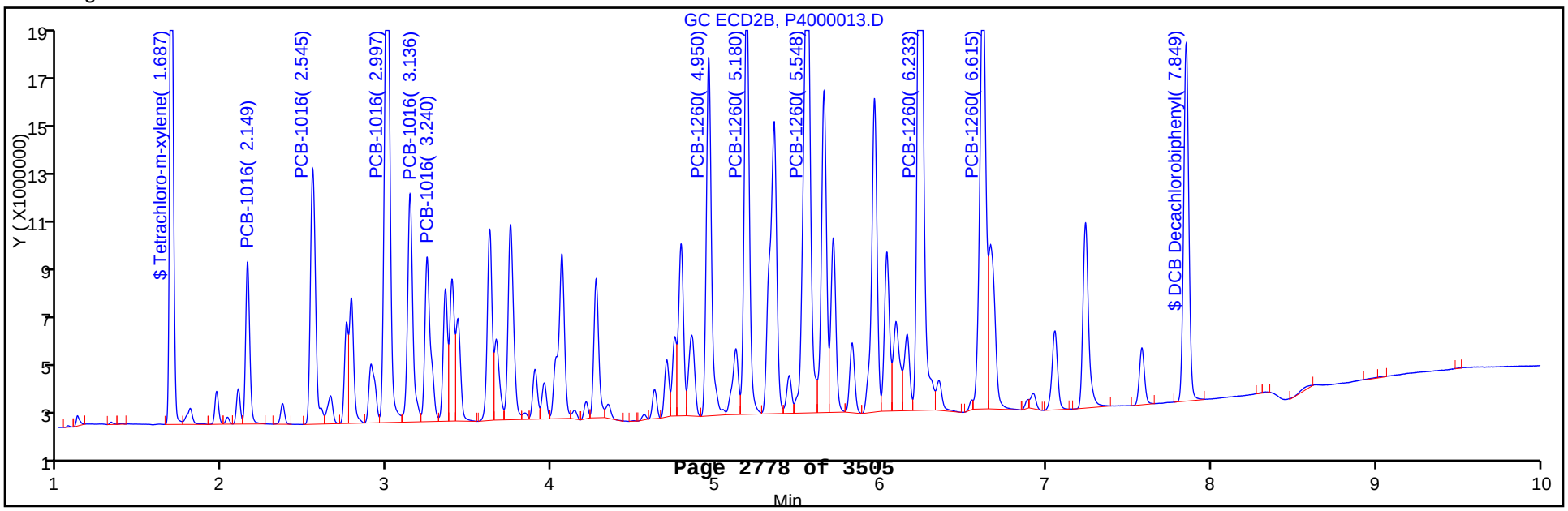
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Injection Date:	20-Apr-2013 00:34:33	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82762	Lims Sample ID:	13
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



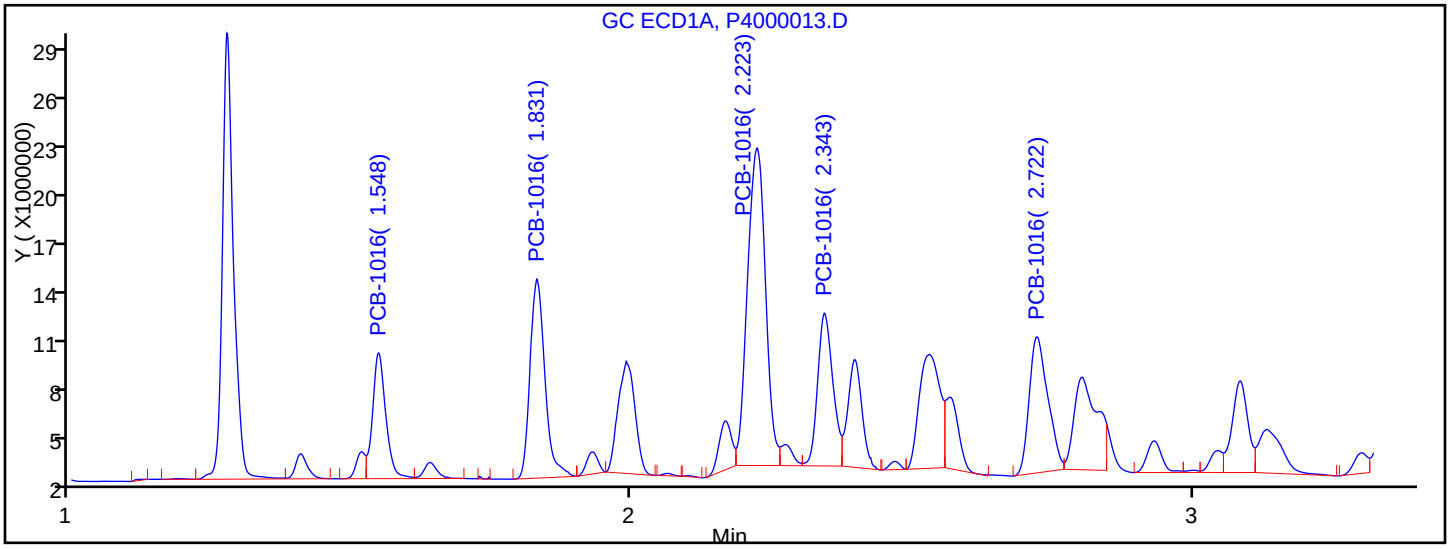
Report Date: 22-Apr-2013 12:47:39 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20130419-19070.b\P4000013.D

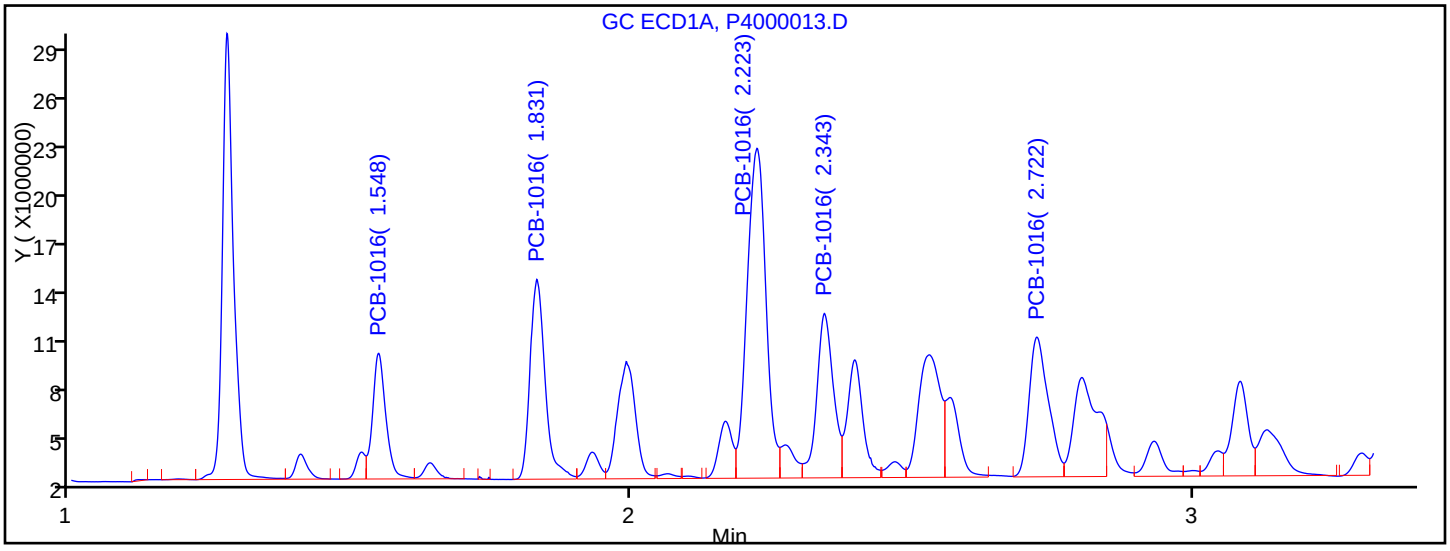
Injection Date:	20-Apr-2013 00:34:33	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82762	Lims Sample ID:	13
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

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.: 240-22663-1

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.: 240-22663-1

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

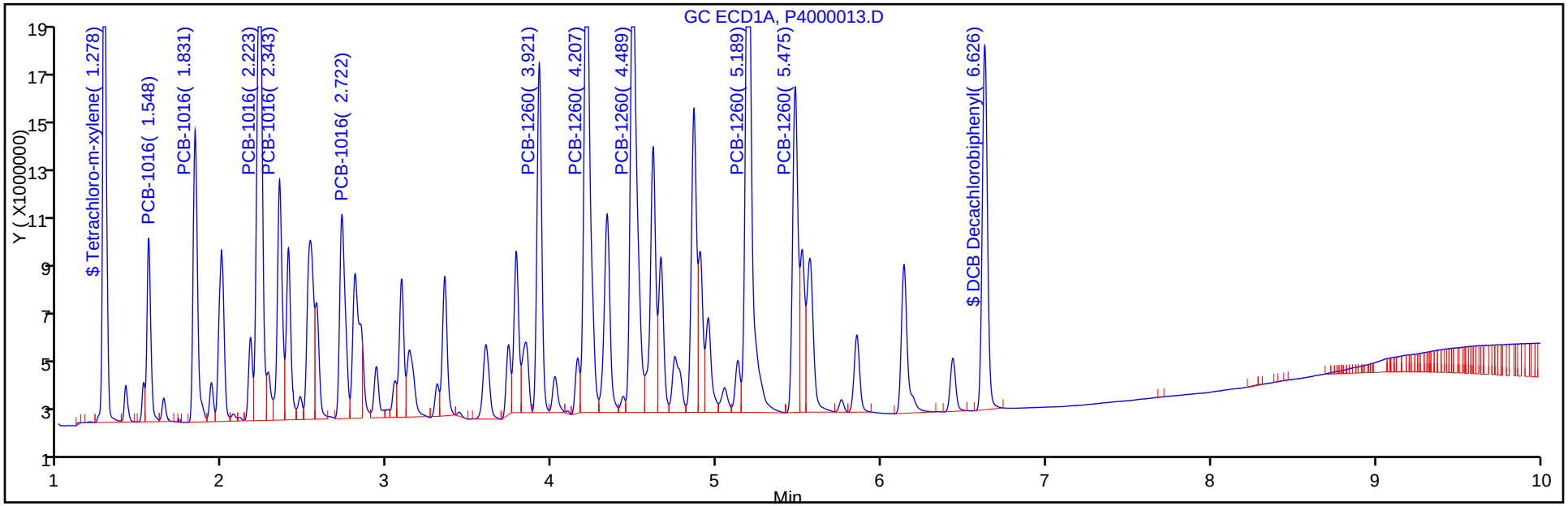
Report Date: 22-Apr-2013 12:47:39 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

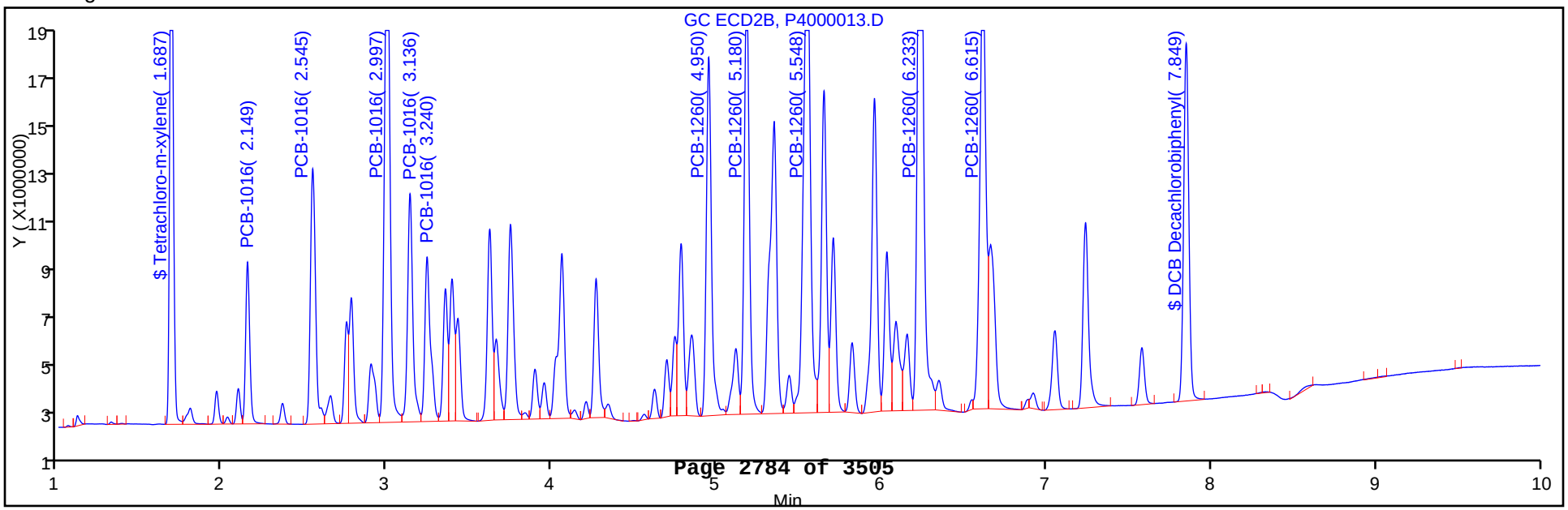
Data File: \\Ncchrom\ChromData\A2HP4\20130419-19070.b\P4000013.D

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 VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 240-83996/3 Calibration Date: 04/29/2013 08:18

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	23425640		0.432	0.500	-13.7	20.0
PCB-1016 Peak 2	Ave	48967138	42488772		0.434	0.500	-13.2	20.0
PCB-1016 Peak 3	Ave	93440084	90752314		0.486	0.500	-2.9	20.0
PCB-1016 Peak 4	Ave	41962283	37308216		0.445	0.500	-11.1	20.0
PCB-1016 Peak 5	Ave	42399034	38367132		0.452	0.500	-9.5	20.0
PCB-1260 Peak 1	Ave	62400345	57956722		0.464	0.500	-7.1	20.0
PCB-1260 Peak 2	Ave	110128120	102592522		0.466	0.500	-6.8	20.0
PCB-1260 Peak 3	Ave	107668512	100656858		0.467	0.500	-6.5	20.0
PCB-1260 Peak 4	Ave	129376197	129461104		0.500	0.500	0.0	20.0
PCB-1260 Peak 5	Ave	58244642	49810284		0.428	0.500	-14.5	20.0
Tetrachloro-m-xylene	Ave	1583607317	1422762120		0.0225	0.0250	-10.2	20.0
DCB Decachlorobiphenyl	Ave	1335217125	1350478560		0.0253	0.0250	1.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 240-83996/3 Calibration Date: 04/29/2013 08:18

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	1.56	1.46	1.66
PCB-1016 Peak 2	1.85	1.75	1.95
PCB-1016 Peak 3	2.24	2.14	2.34
PCB-1016 Peak 4	2.36	2.26	2.46
PCB-1016 Peak 5	2.74	2.64	2.84
PCB-1260 Peak 1	3.94	3.84	4.04
PCB-1260 Peak 2	4.23	4.13	4.33
PCB-1260 Peak 3	4.52	4.42	4.62
PCB-1260 Peak 4	5.22	5.12	5.32
PCB-1260 Peak 5	5.51	5.41	5.61
Tetrachloro-m-xylene	1.29	1.19	1.39
DCB Decachlorobiphenyl	6.65	6.55	6.75

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\P4000003.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 29-Apr-2013 08:18:39 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0019366-003
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 3
Lims Batch ID: 83996 Lims Sample ID: 3
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\PCB4.m
Last Update: 29-Apr-2013 15:57:20 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: XAWRK031

First Level Reviewer: hassl Date: 29-Apr-2013 15:55:51

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.291	1.291	0.000	35569053	0.0225			
2	2	1.700	1.700	0.000	32106486	0.0203			
						RPD = 9.87			
6 PCB-1016									M
1	100	1.562	1.562	0.000	11712820	0.4316		100.0	
1	2	1.846	1.846	0.000	21244386	0.4338	156.0- 206.0	181.4	
1	3	2.241	2.241	0.000	45376157	0.4856	312.4- 362.4	387.4	M
1	4	2.361	2.361	0.000	18654108	0.4445	118.7- 188.7	159.3	M
1	5	2.741	2.741	0.000	19183566	0.4525	125.6- 175.6	163.8	M
			Average of Peak Amounts =			0.4496			
2	6	2.165	2.165	0.000	10565979	0.4120		100.0	
2	7	2.561	2.561	0.000	20789563	0.4095	169.6- 229.6	196.8	M
2	8	3.016	3.016	0.000	42653330	0.4292	351.4- 411.4	403.7	M
2	9	3.155	3.155	0.000	19276805	0.4379	141.3- 201.3	182.4	M
2	10	3.259	3.259	0.000	15045972	0.4393	102.5- 162.5	142.4	M
			Average of Peak Amounts =			0.4256			
						RPD = 5.50			

Report Date: 29-Apr-2013 15:57:20 Chrom Revision: 2.0 01-Apr-2013 21:16:10
Data File: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\P4000003.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									M
1	100	3.941	3.941	0.000	28978361	0.4644		100.0	M
1	2	4.231	4.231	0.000	51296261	0.4658	152.2- 202.2	177.0	M
1	3	4.516	4.516	0.000	50328429	0.4674	146.4- 196.4	173.7	M
1	4	5.215	5.215	0.000	64730552	0.5003	180.7- 230.7	223.4	M
1	5	5.506	5.506	0.000	24905142	0.4276	64.1- 114.1	85.9	M
			Average of Peak Amounts =			0.4651			
2	6	4.969	4.969	0.000	31327450	0.4554		100.0	M
2	7	5.201	5.201	0.000	37434790	0.4689	87.6- 147.6	119.5	M
2	8	5.570	5.570	0.000	54057549	0.4575	144.7- 204.7	172.6	M
2	9	6.256	6.256	0.000	68718240	0.4713	187.7- 247.7	219.4	M
2	10	6.636	6.636	0.000	44465778	0.4600	115.0- 175.0	141.9	M
			Average of Peak Amounts =			0.4626			
						RPD = 0.54			
$ 12 DCB Decachlorobiphenyl									
1	100	6.648	6.648	0.000	33761964	0.0253			
2	2	7.869	7.869	0.000	32874579	0.0226			
						RPD = 11.35			

QC Flag Legend

Review Flags
M - Manually Integrated

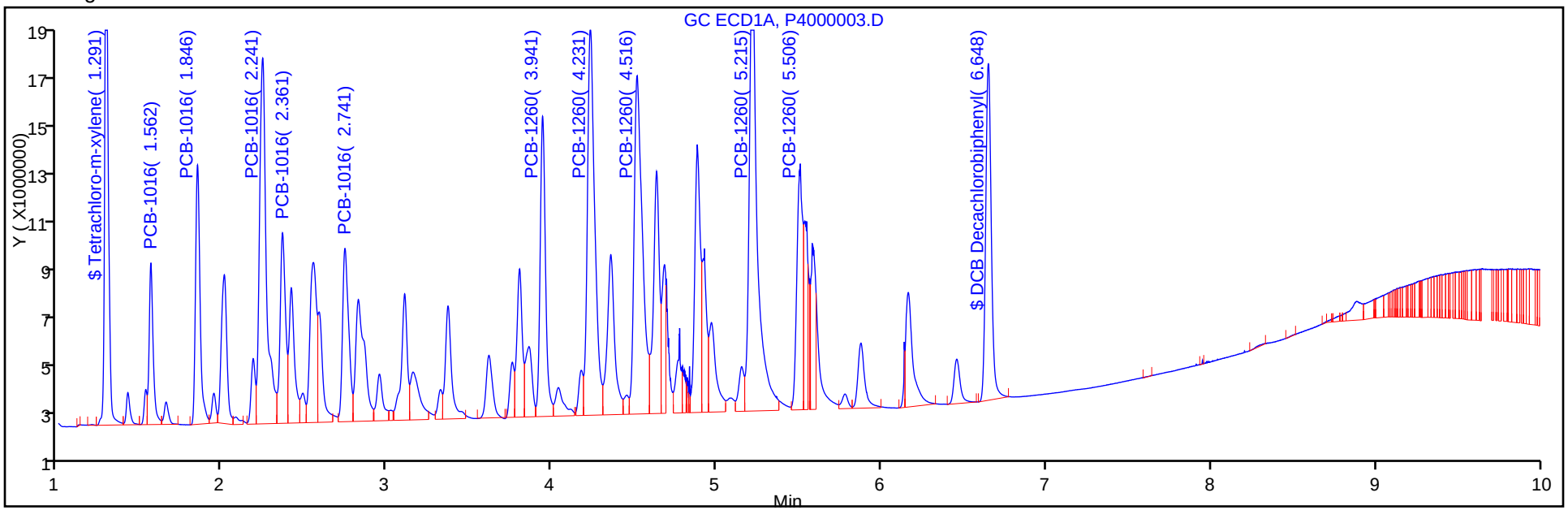
Report Date: 29-Apr-2013 15:57:20 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

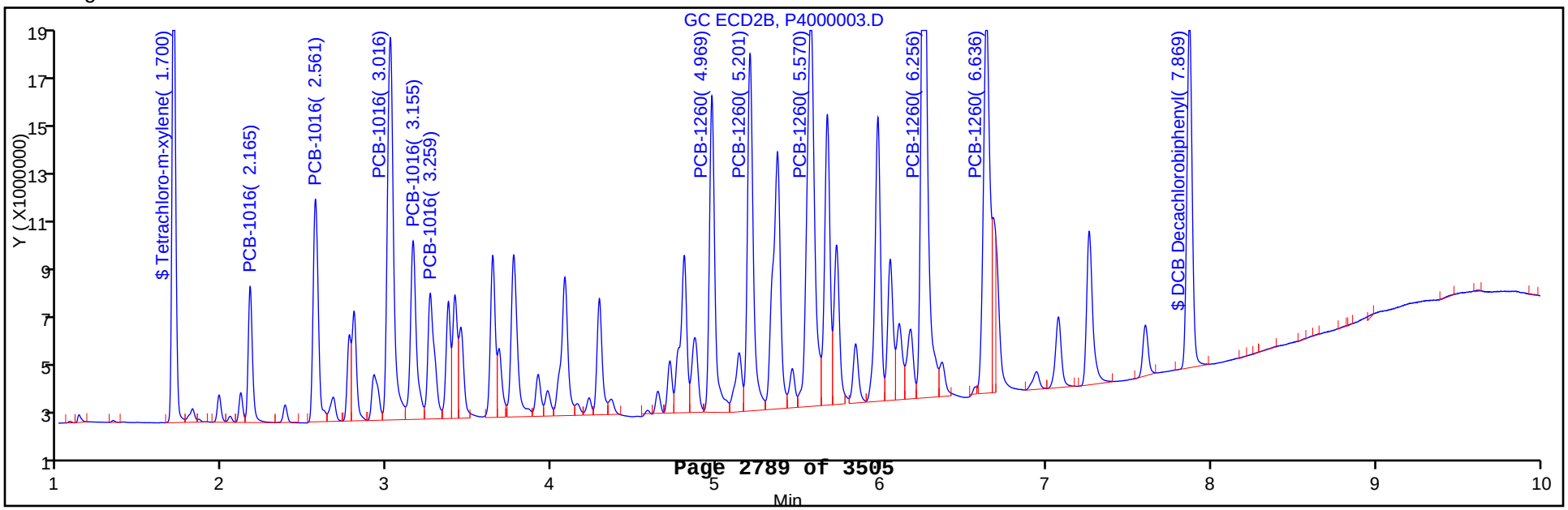
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Injection Date:	29-Apr-2013 08:18:39	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	83996	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



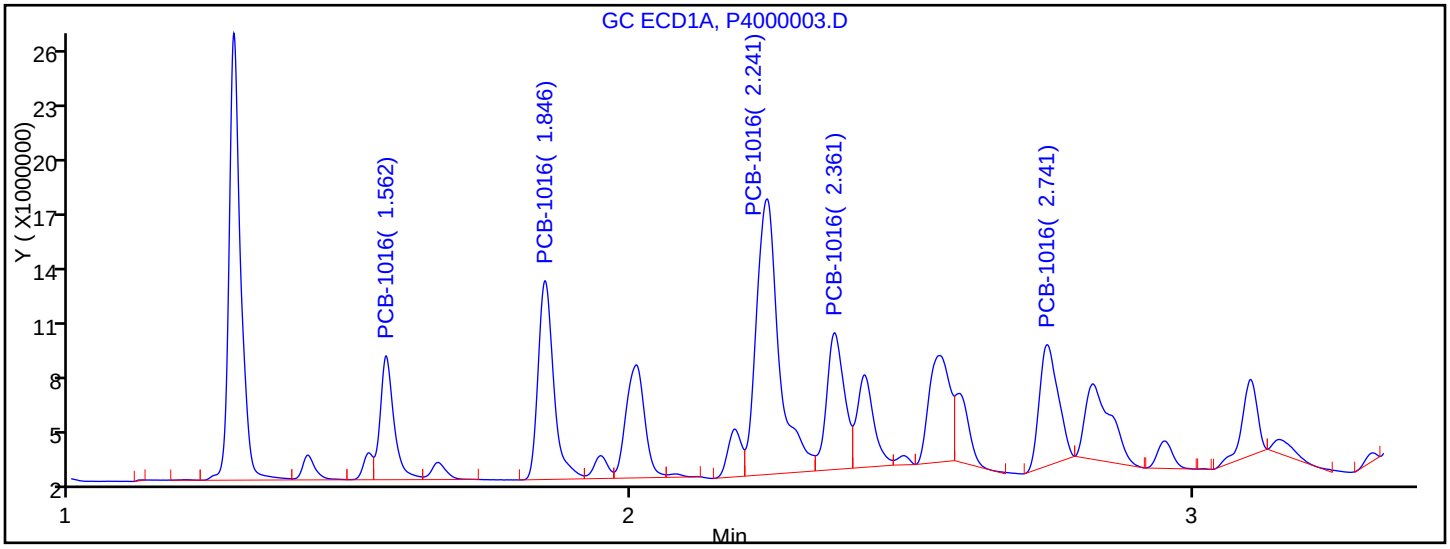
Report Date: 29-Apr-2013 15:57:21 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

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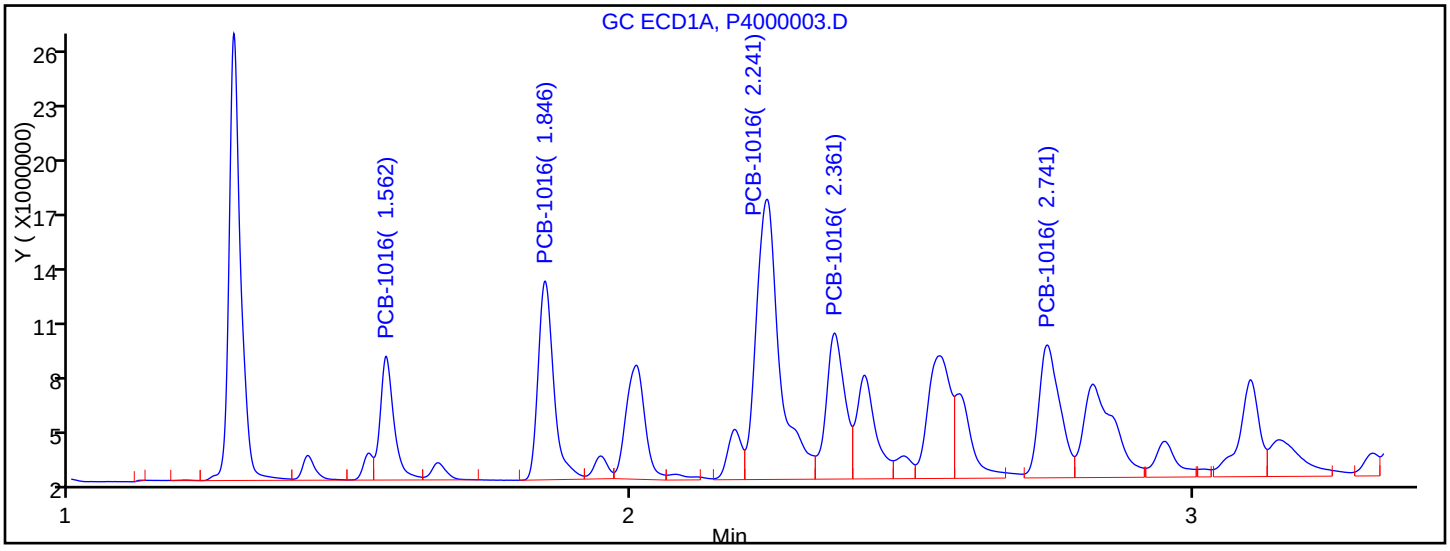
Injection Date:	29-Apr-2013 08:18:39	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	83996	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.562	Response = 11712820	
RT = 1.846	Response = 21244386	
RT = 2.241	Response = 43077624	M
RT = 2.361	Response = 16626644	M
RT = 2.741	Response = 15495468	M



Manual Integration Results

RT = 1.562	Response = 11712820	
RT = 1.846	Response = 21244386	
RT = 2.241	Response = 45376157	M
RT = 2.361	Response = 18654108	M
RT = 2.741	Response = 19183566	M

Reviewer: hassl, 29-Apr-2013 15:55:51

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

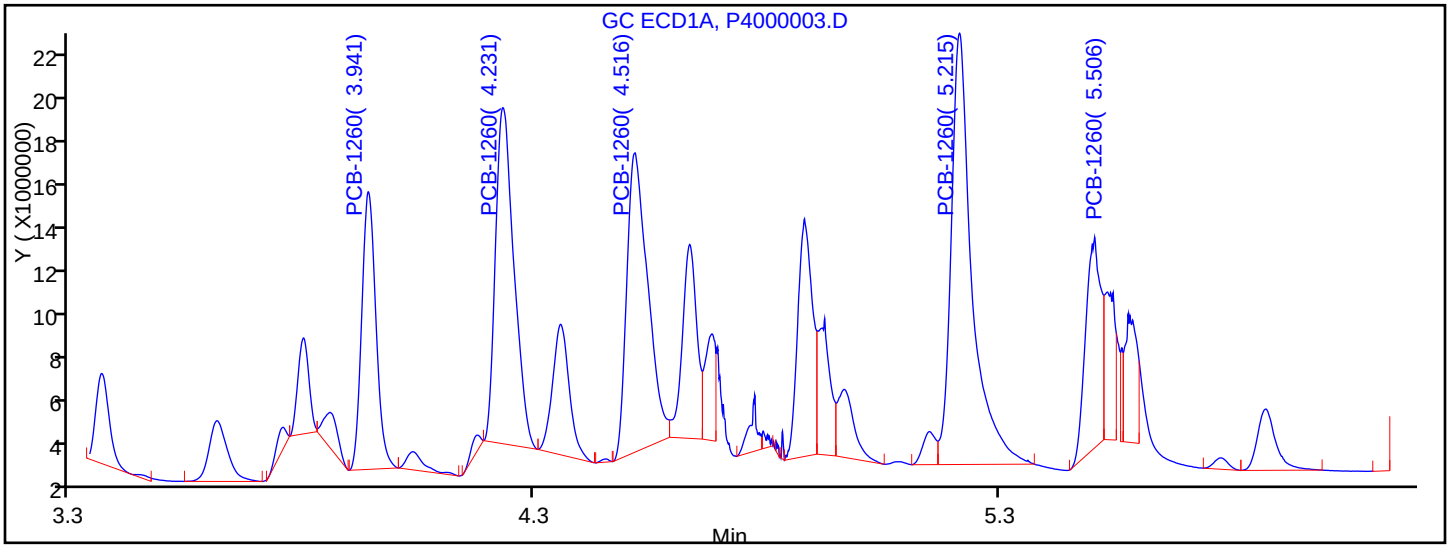
Report Date: 29-Apr-2013 15:57:21 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\P4000003.D

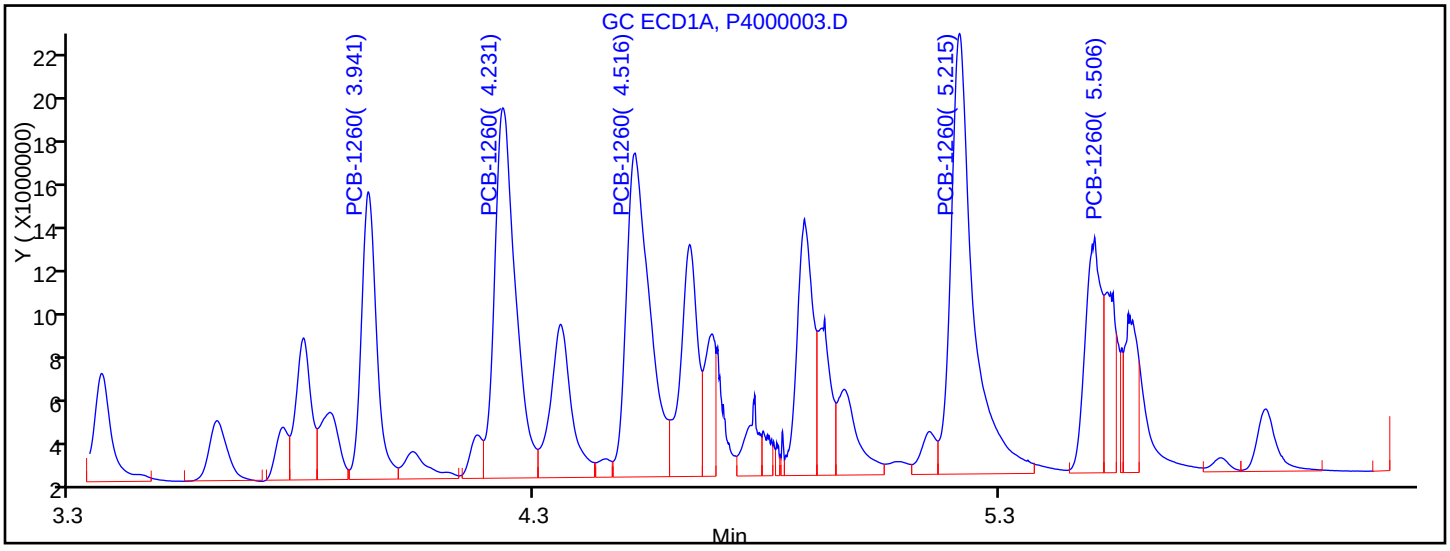
Injection Date:	29-Apr-2013 08:18:39	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	83996	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

10 PCB-1260, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.941	Response = 26108793	M
RT = 4.231	Response = 40992012	M
RT = 4.516	Response = 41465637	M
RT = 5.215	Response = 59485803	M
RT = 5.506	Response = 21366484	M



Manual Integration Results

RT = 3.941	Response = 28978361	M
RT = 4.231	Response = 51296261	M
RT = 4.516	Response = 50328429	M
RT = 5.215	Response = 64730552	M
RT = 5.506	Response = 24905142	M

Reviewer: hassl, 29-Apr-2013 15:55:51

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 240-83996/3 Calibration Date: 04/29/2013 08:18

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	21131958		0.412	0.500	-17.6	20.0
PCB-1016 Peak 2	Ave	50771162	41579126		0.409	0.500	-18.1	20.0
PCB-1016 Peak 3	Ave	99379492	85306660		0.429	0.500	-14.2	20.0
PCB-1016 Peak 4	Ave	44018240	38553610		0.438	0.500	-12.4	20.0
PCB-1016 Peak 5	Ave	34251515	30091944		0.439	0.500	-12.1	20.0
PCB-1260 Peak 1	Ave	68786213	62654900		0.455	0.500	-8.9	20.0
PCB-1260 Peak 2	Ave	79832052	74869580		0.469	0.500	-6.2	20.0
PCB-1260 Peak 3	Ave	118169923	108115098		0.457	0.500	-8.5	20.0
PCB-1260 Peak 4	Ave	145808797	137436480		0.471	0.500	-5.7	20.0
PCB-1260 Peak 5	Ave	96662928	88931556		0.460	0.500	-8.0	20.0
Tetrachloro-m-xylene	Ave	1577823383	1284259440		0.0203	0.0250	-18.6	20.0
DCB Decachlorobiphenyl	Ave	1456619055	1314983160		0.0226	0.0250	-9.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 240-83996/3 Calibration Date: 04/29/2013 08:18

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	2.17	2.07	2.27
PCB-1016 Peak 2	2.56	2.46	2.66
PCB-1016 Peak 3	3.02	2.92	3.12
PCB-1016 Peak 4	3.16	3.06	3.26
PCB-1016 Peak 5	3.26	3.16	3.36
PCB-1260 Peak 1	4.97	4.87	5.07
PCB-1260 Peak 2	5.20	5.10	5.30
PCB-1260 Peak 3	5.57	5.47	5.67
PCB-1260 Peak 4	6.26	6.16	6.36
PCB-1260 Peak 5	6.64	6.54	6.74
Tetrachloro-m-xylene	1.70	1.60	1.80
DCB Decachlorobiphenyl	7.87	7.77	7.97

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\P4000003.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 29-Apr-2013 08:18:39 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0019366-003
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 3
Lims Batch ID: 83996 Lims Sample ID: 3
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\PCB4.m
Last Update: 29-Apr-2013 15:57:20 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: XAWRK031

First Level Reviewer: hassl Date: 29-Apr-2013 15:55:51

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.291	1.291	0.000	35569053	0.0225			
2	2	1.700	1.700	0.000	32106486	0.0203			
						RPD = 9.87			
6 PCB-1016									M
1	100	1.562	1.562	0.000	11712820	0.4316		100.0	
1	2	1.846	1.846	0.000	21244386	0.4338	156.0- 206.0	181.4	
1	3	2.241	2.241	0.000	45376157	0.4856	312.4- 362.4	387.4	M
1	4	2.361	2.361	0.000	18654108	0.4445	118.7- 188.7	159.3	M
1	5	2.741	2.741	0.000	19183566	0.4525	125.6- 175.6	163.8	M
			Average of Peak Amounts =			0.4496			
2	6	2.165	2.165	0.000	10565979	0.4120		100.0	
2	7	2.561	2.561	0.000	20789563	0.4095	169.6- 229.6	196.8	M
2	8	3.016	3.016	0.000	42653330	0.4292	351.4- 411.4	403.7	M
2	9	3.155	3.155	0.000	19276805	0.4379	141.3- 201.3	182.4	M
2	10	3.259	3.259	0.000	15045972	0.4393	102.5- 162.5	142.4	M
			Average of Peak Amounts =			0.4256			
						RPD = 5.50			

Report Date: 29-Apr-2013 15:57:21 Chrom Revision: 2.0 01-Apr-2013 21:16:10
Data File: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\P4000003.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									M
1	100	3.941	3.941	0.000	28978361	0.4644		100.0	M
1	2	4.231	4.231	0.000	51296261	0.4658	152.2- 202.2	177.0	M
1	3	4.516	4.516	0.000	50328429	0.4674	146.4- 196.4	173.7	M
1	4	5.215	5.215	0.000	64730552	0.5003	180.7- 230.7	223.4	M
1	5	5.506	5.506	0.000	24905142	0.4276	64.1- 114.1	85.9	M
			Average of Peak Amounts =			0.4651			
2	6	4.969	4.969	0.000	31327450	0.4554		100.0	M
2	7	5.201	5.201	0.000	37434790	0.4689	87.6- 147.6	119.5	M
2	8	5.570	5.570	0.000	54057549	0.4575	144.7- 204.7	172.6	M
2	9	6.256	6.256	0.000	68718240	0.4713	187.7- 247.7	219.4	M
2	10	6.636	6.636	0.000	44465778	0.4600	115.0- 175.0	141.9	M
			Average of Peak Amounts =			0.4626			
						RPD = 0.54			
$ 12 DCB Decachlorobiphenyl									
1	100	6.648	6.648	0.000	33761964	0.0253			
2	2	7.869	7.869	0.000	32874579	0.0226			
						RPD = 11.35			

QC Flag Legend

Review Flags
M - Manually Integrated

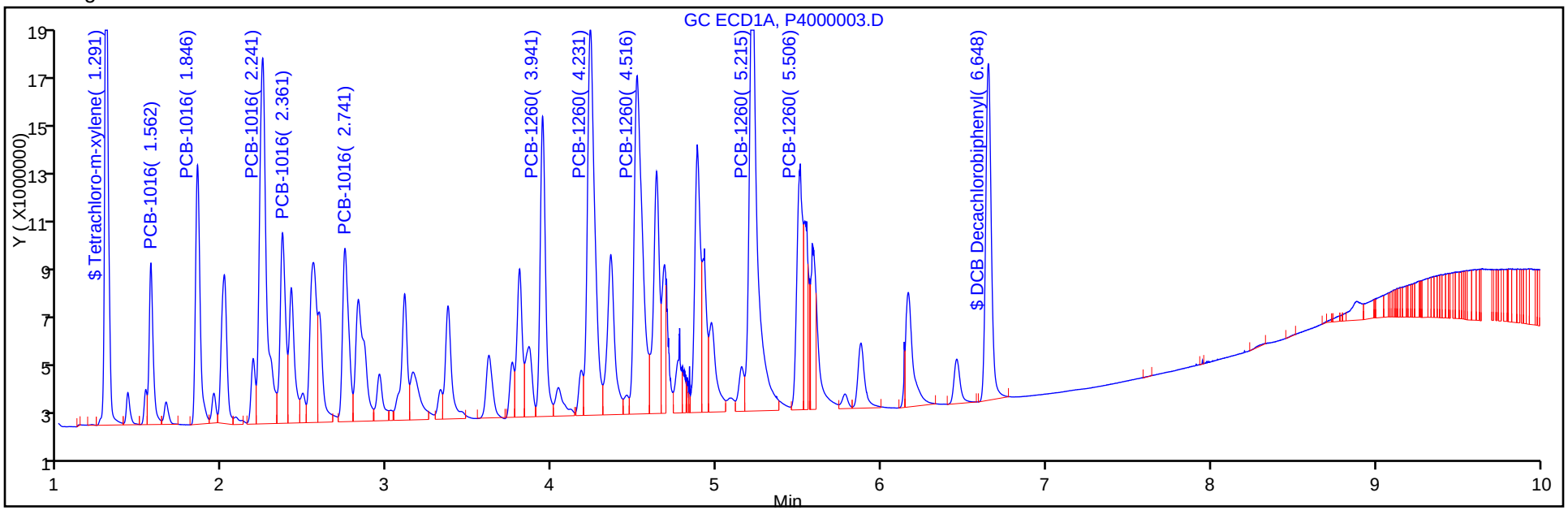
Report Date: 29-Apr-2013 15:57:21 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

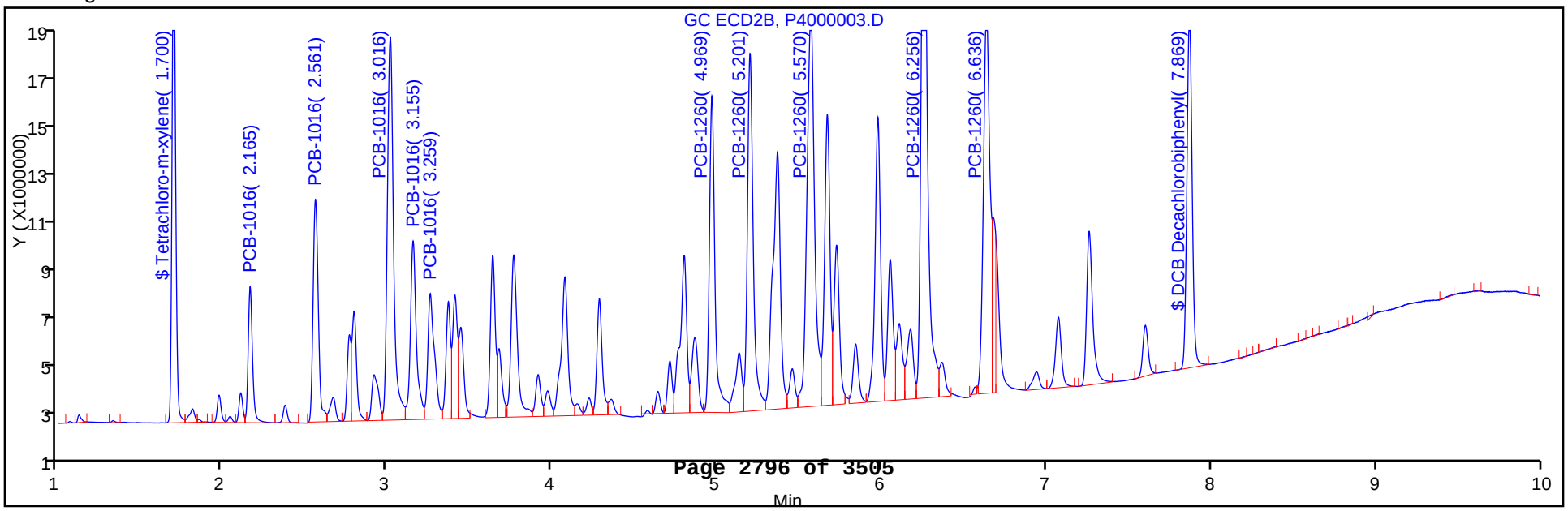
Data File: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\P4000003.D

Injection Date:	29-Apr-2013 08:18:39	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	83996	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



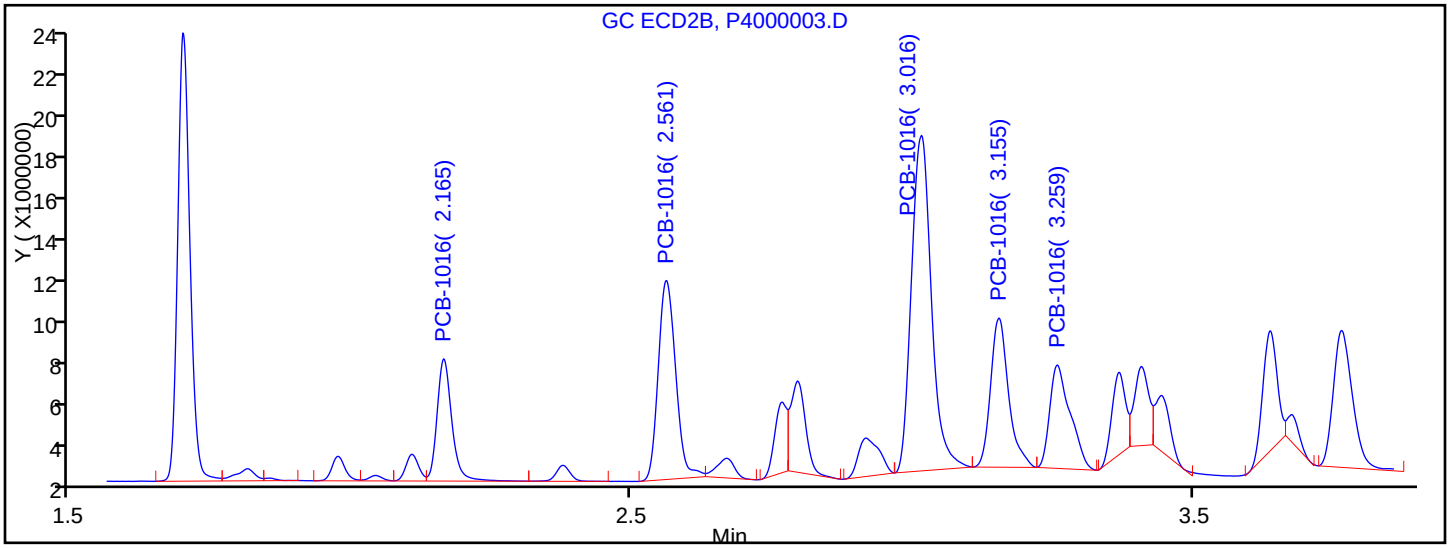
Report Date: 29-Apr-2013 15:57:21 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\P4000003.D

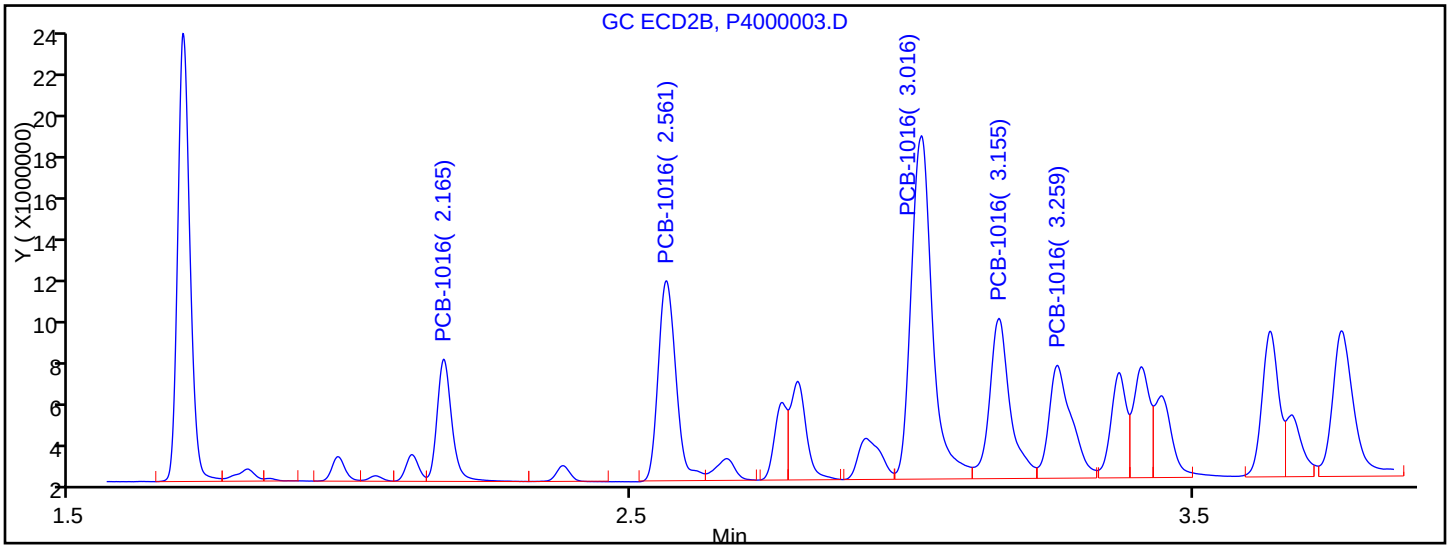
Injection Date:	29-Apr-2013 08:18:39	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	83996	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

6 PCB-1016, Detector: 2, GC ecd2b



Processing Integration Results

RT = 2.165	Response = 10565979	
RT = 2.561	Response = 20339828	M
RT = 3.016	Response = 39249380	M
RT = 3.155	Response = 15703108	M
RT = 3.259	Response = 12339300	M



Manual Integration Results

RT = 2.165	Response = 10565979	
RT = 2.561	Response = 20789563	M
RT = 3.016	Response = 42653330	M
RT = 3.155	Response = 19276805	M
RT = 3.259	Response = 15045972	M

Reviewer: hassl, 29-Apr-2013 15:55:51

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

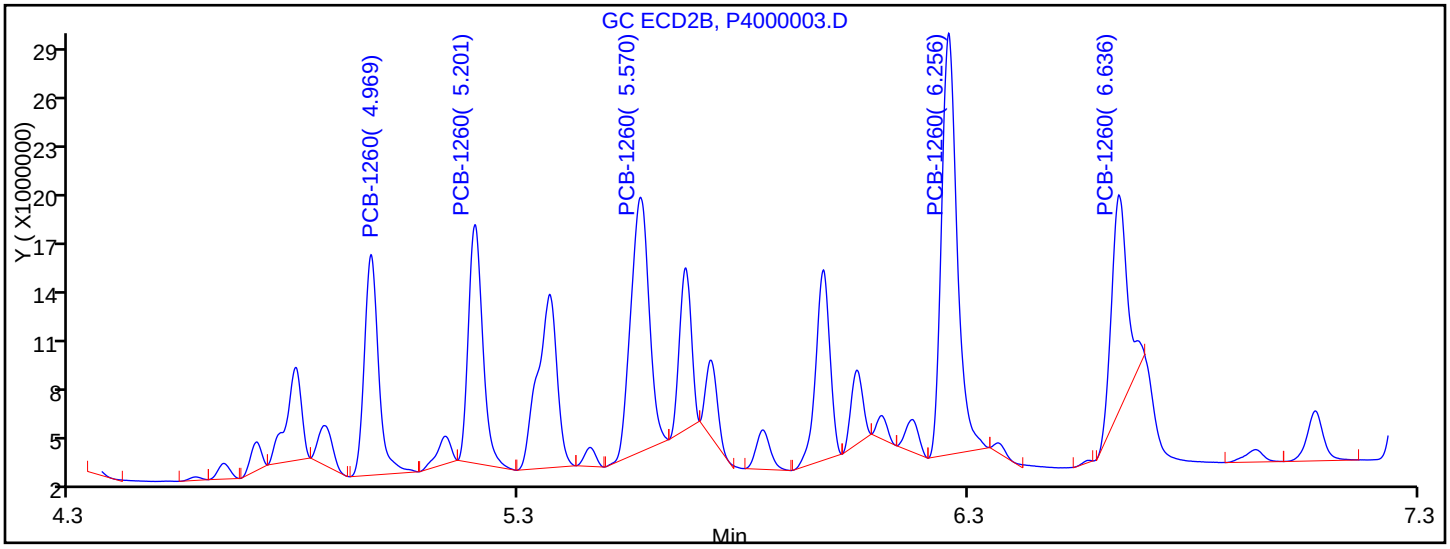
Report Date: 29-Apr-2013 15:57:21 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\P4000003.D

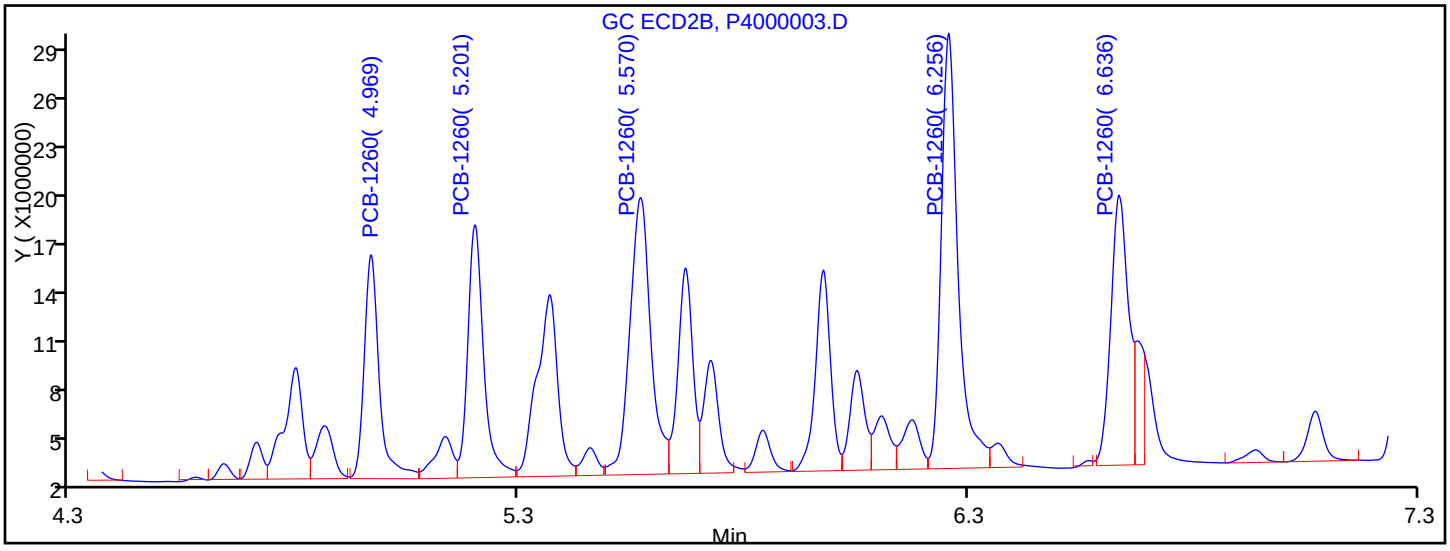
Injection Date:	29-Apr-2013 08:18:39	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	83996	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

10 PCB-1260, Detector: 2, GC ecd2b



Processing Integration Results

RT = 4.969	Response = 29268792	M
RT = 5.201	Response = 31885437	M
RT = 5.570	Response = 43508164	M
RT = 6.256	Response = 61280724	M
RT = 6.636	Response = 31782188	M



Manual Integration Results

RT = 4.969	Response = 31327450	M
RT = 5.201	Response = 37434790	M
RT = 5.570	Response = 54057549	M
RT = 6.256	Response = 68718240	M
RT = 6.636	Response = 44465778	M

Reviewer: hassl, 29-Apr-2013 15:55:51

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 240-83996/9 Calibration Date: 04/29/2013 09:51

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: P4000009.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	23725242		0.437	0.500	-12.6	20.0
PCB-1016 Peak 2	Ave	48967138	43015670		0.439	0.500	-12.2	20.0
PCB-1016 Peak 3	Ave	93440084	90070790		0.482	0.500	-3.6	20.0
PCB-1016 Peak 4	Ave	41962283	36204376		0.431	0.500	-13.7	20.0
PCB-1016 Peak 5	Ave	42399034	36094950		0.426	0.500	-14.9	20.0
PCB-1260 Peak 1	Ave	62400345	55890324		0.448	0.500	-10.4	20.0
PCB-1260 Peak 2	Ave	110128120	98779736		0.448	0.500	-10.3	20.0
PCB-1260 Peak 3	Ave	107668512	96193812		0.447	0.500	-10.7	20.0
PCB-1260 Peak 4	Ave	129376197	114028344		0.441	0.500	-11.9	20.0
PCB-1260 Peak 5	Ave	58244642	45541540		0.391	0.500	-21.8*	20.0
Tetrachloro-m-xylene	Ave	1583607317	1442248200		0.0228	0.0250	-8.9	20.0
DCB Decachlorobiphenyl	Ave	1335217125	1290362280		0.0242	0.0250	-3.4	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 240-83996/9 Calibration Date: 04/29/2013 09:51

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: P4000009.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	1.56	1.46	1.66
PCB-1016 Peak 2	1.85	1.75	1.95
PCB-1016 Peak 3	2.24	2.14	2.34
PCB-1016 Peak 4	2.37	2.27	2.47
PCB-1016 Peak 5	2.74	2.64	2.84
PCB-1260 Peak 1	3.94	3.84	4.04
PCB-1260 Peak 2	4.23	4.13	4.33
PCB-1260 Peak 3	4.52	4.42	4.62
PCB-1260 Peak 4	5.22	5.12	5.32
PCB-1260 Peak 5	5.51	5.41	5.61
Tetrachloro-m-xylene	1.29	1.19	1.39
DCB Decachlorobiphenyl	6.65	6.55	6.75

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\P4000009.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 29-Apr-2013 09:51:12 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0019366-009
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 9
Lims Batch ID: 83996 Lims Sample ID: 9
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\PCB4.m
Last Update: 29-Apr-2013 15:57:26 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: XAWRK031

First Level Reviewer: hassl Date: 29-Apr-2013 15:51:56

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.292	1.292	0.000	36056205	0.0228			
2	2	1.702	1.702	0.000	31507896	0.0200			
						RPD = 13.10			
6 PCB-1016									
1	100	1.564	1.564	0.000	11862621	0.4371		100.0	
1	2	1.847	1.847	0.000	21507835	0.4392	156.0- 206.0	181.3	
1	3	2.243	2.243	0.000	45035395	0.4820	312.4- 362.4	379.6	
1	4	2.365	2.365	0.000	18102188	0.4314	118.7- 188.7	152.6	
1	5	2.743	2.743	0.000	18047475	0.4257	125.6- 175.6	152.1	
			Average of Peak Amounts =			0.4431			
2	6	2.166	2.166	0.000	10087387	0.3933		100.0	
2	7	2.564	2.564	0.000	19999824	0.3939	169.6- 229.6	198.3	
2	8	3.019	3.019	0.000	41220027	0.4148	351.4- 411.4	408.6	
2	9	3.157	3.157	0.000	18461170	0.4194	141.3- 201.3	183.0	
2	10	3.261	3.261	0.000	14426968	0.4212	102.5- 162.5	143.0	
			Average of Peak Amounts =			0.4085			
						RPD = 8.12			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									M
1	100	3.943	3.943	0.000	27945162	0.4478		100.0	
1	2	4.232	4.232	0.000	49389868	0.4485	152.2- 202.2	176.7	
1	3	4.517	4.517	0.000	48096906	0.4467	146.4- 196.4	172.1	
1	4	5.216	5.216	0.000	57014172	0.4407	180.7- 230.7	204.0	
1	5	5.505	5.505	0.000	22770770	0.3910	64.1- 114.1	81.5	M
			Average of Peak Amounts =			0.4349			
2	6	4.971	4.971	0.000	29229591	0.4249		100.0	
2	7	5.203	5.203	0.000	34755153	0.4354	87.6- 147.6	118.9	
2	8	5.570	5.570	0.000	50858946	0.4304	144.7- 204.7	174.0	
2	9	6.258	6.258	0.000	64903953	0.4451	187.7- 247.7	222.0	
2	10	6.639	6.639	0.000	41093755	0.4251	115.0- 175.0	140.6	M
			Average of Peak Amounts =			0.4322			
						RPD = 0.63			
$ 12 DCB Decachlorobiphenyl									
1	100	6.649	6.649	0.000	32259057	0.0242			
2	2	7.871	7.871	0.000	31321745	0.0215			
						RPD = 11.64			

QC Flag Legend

Review Flags
M - Manually Integrated

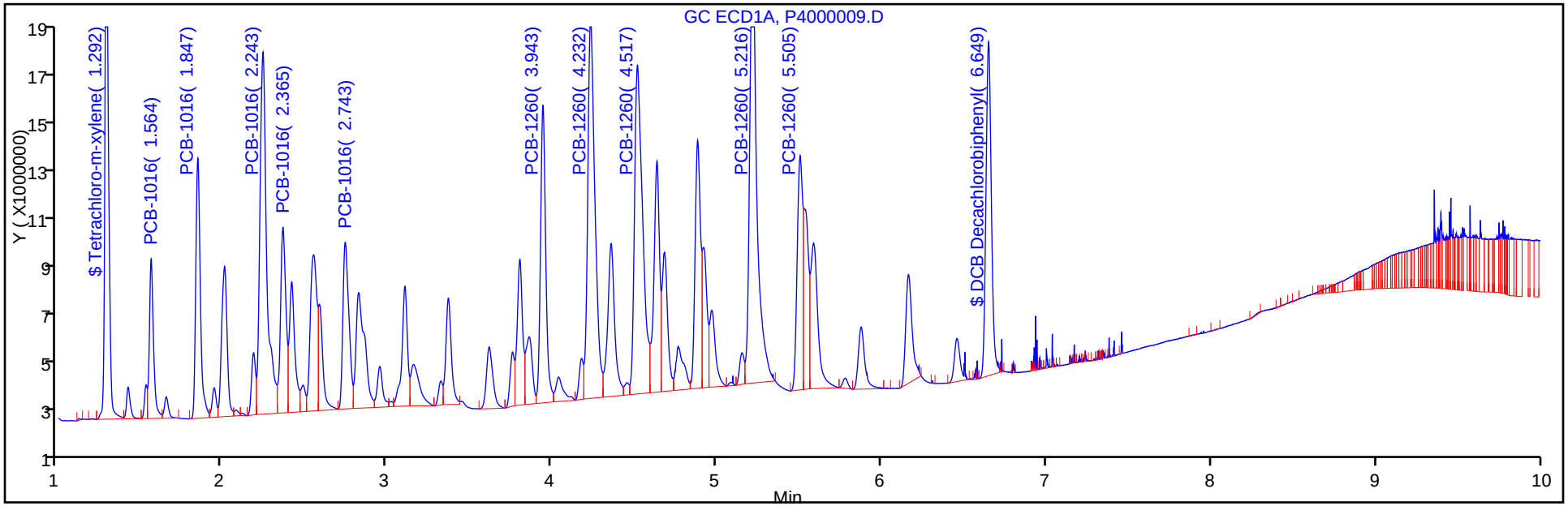
Report Date: 29-Apr-2013 15:57:26 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

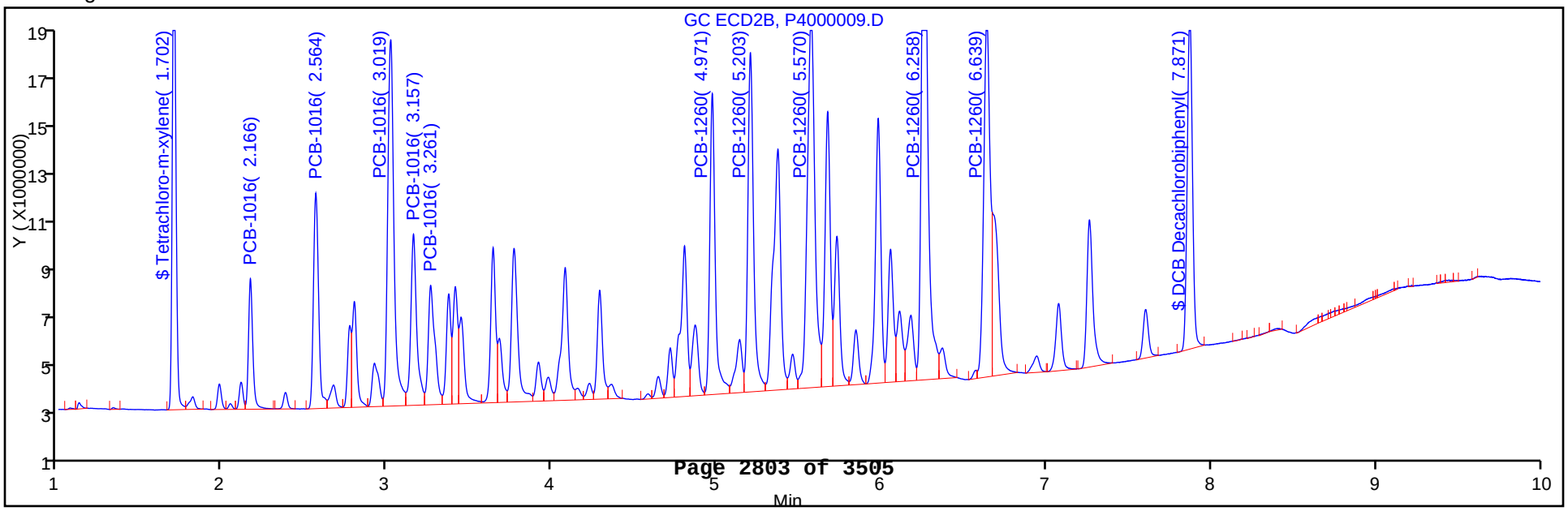
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Injection Date:	29-Apr-2013 09:51:12	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	83996	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



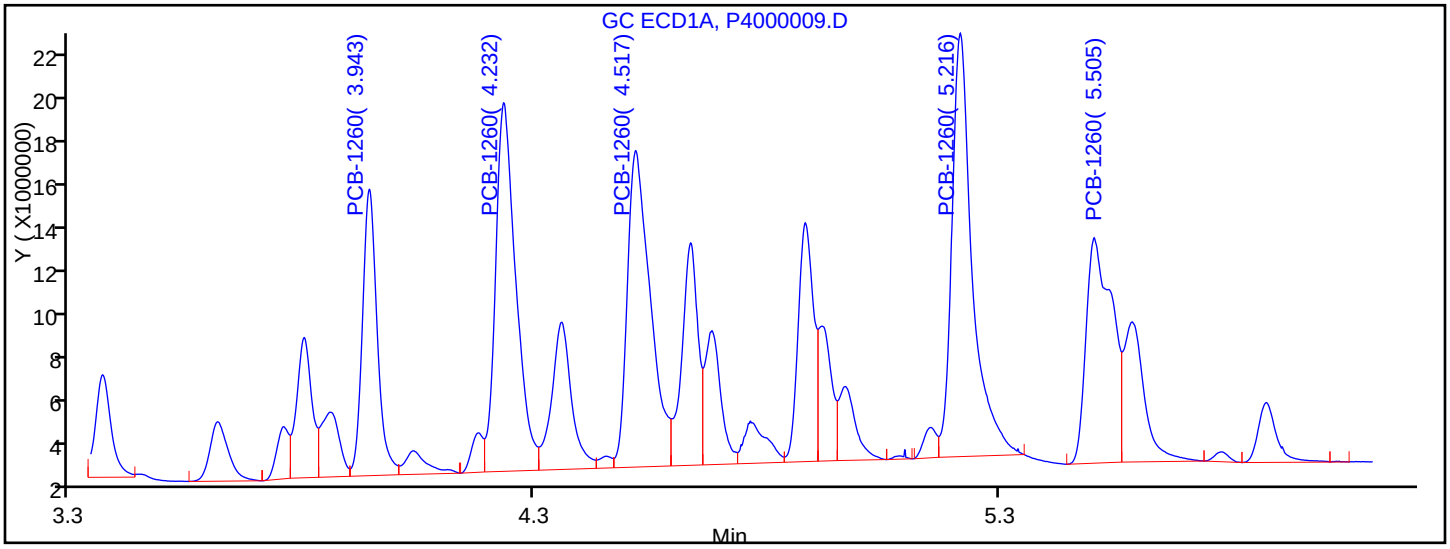
Report Date: 29-Apr-2013 15:57:27 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\P4000009.D

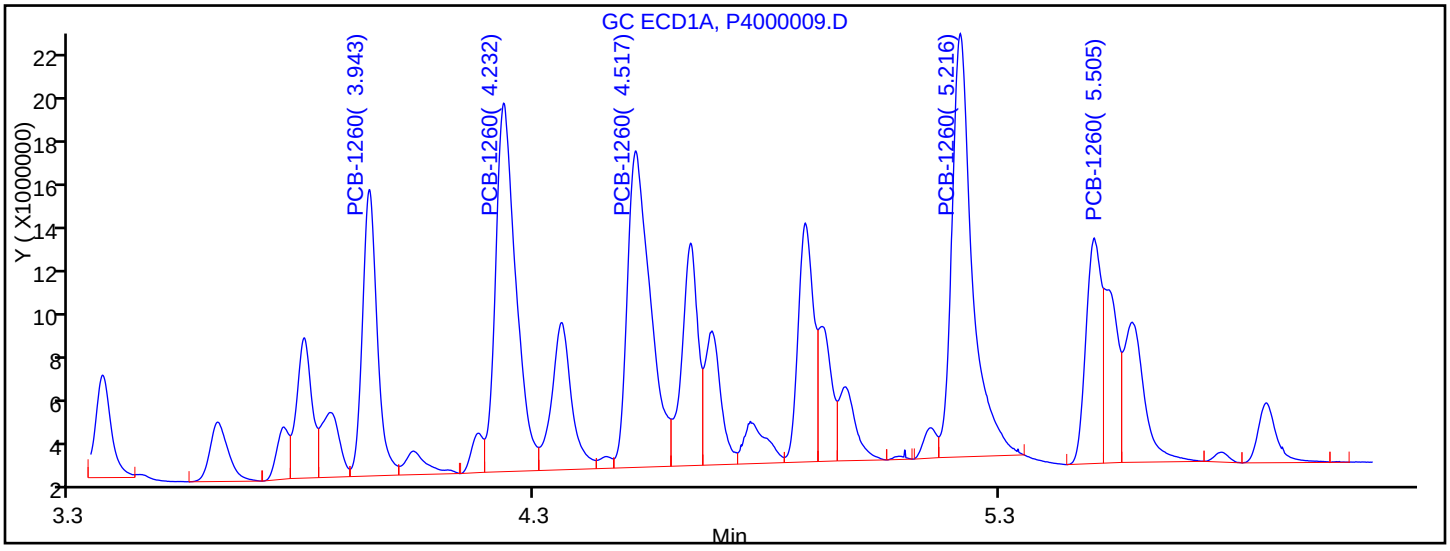
Injection Date:	29-Apr-2013 09:51:12	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	83996	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

10 PCB-1260, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.943	Response = 27945162	
RT = 4.232	Response = 49389868	
RT = 4.517	Response = 48096906	
RT = 5.216	Response = 57014172	
RT = 5.505	Response = 38574770	M



Manual Integration Results

RT = 3.943	Response = 27945162	
RT = 4.232	Response = 49389868	
RT = 4.517	Response = 48096906	
RT = 5.216	Response = 57014172	
RT = 5.505	Response = 22770770	M

Reviewer: hassl, 29-Apr-2013 15:51:56

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 240-83996/9 Calibration Date: 04/29/2013 09:51

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: P4000009.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	20174774		0.393	0.500	-21.3*	20.0
PCB-1016 Peak 2	Ave	50771162	39999648		0.394	0.500	-21.2*	20.0
PCB-1016 Peak 3	Ave	99379492	82440054		0.415	0.500	-17.0	20.0
PCB-1016 Peak 4	Ave	44018240	36922340		0.419	0.500	-16.1	20.0
PCB-1016 Peak 5	Ave	34251515	28853936		0.421	0.500	-15.8	20.0
PCB-1260 Peak 1	Ave	68786213	58459182		0.425	0.500	-15.0	20.0
PCB-1260 Peak 2	Ave	79832052	69510306		0.435	0.500	-12.9	20.0
PCB-1260 Peak 3	Ave	118169923	101717892		0.430	0.500	-13.9	20.0
PCB-1260 Peak 4	Ave	145808797	129807906		0.445	0.500	-11.0	20.0
PCB-1260 Peak 5	Ave	96662928	82187510		0.425	0.500	-15.0	20.0
Tetrachloro-m-xylene	Ave	1577823383	1260315840		0.0200	0.0250	-20.1*	20.0
DCB Decachlorobiphenyl	Ave	1456619055	1252869800		0.0215	0.0250	-14.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 240-83996/9 Calibration Date: 04/29/2013 09:51

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: P4000009.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.17	2.07	2.27
PCB-1016 Peak 2	2.56	2.46	2.66
PCB-1016 Peak 3	3.02	2.92	3.12
PCB-1016 Peak 4	3.16	3.06	3.26
PCB-1016 Peak 5	3.26	3.16	3.36
PCB-1260 Peak 1	4.97	4.87	5.07
PCB-1260 Peak 2	5.20	5.10	5.30
PCB-1260 Peak 3	5.57	5.47	5.67
PCB-1260 Peak 4	6.26	6.16	6.36
PCB-1260 Peak 5	6.64	6.54	6.74
Tetrachloro-m-xylene	1.70	1.60	1.80
DCB Decachlorobiphenyl	7.87	7.77	7.97

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\P4000009.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 29-Apr-2013 09:51:12 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0019366-009
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 9
Lims Batch ID: 83996 Lims Sample ID: 9
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\PCB4.m
Last Update: 29-Apr-2013 15:57:26 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: XAWRK031

First Level Reviewer: hassl Date: 29-Apr-2013 15:51:56

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.292	1.292	0.000	36056205	0.0228			
2	2	1.702	1.702	0.000	31507896	0.0200			
						RPD = 13.10			
6 PCB-1016									
1	100	1.564	1.564	0.000	11862621	0.4371		100.0	
1	2	1.847	1.847	0.000	21507835	0.4392	156.0- 206.0	181.3	
1	3	2.243	2.243	0.000	45035395	0.4820	312.4- 362.4	379.6	
1	4	2.365	2.365	0.000	18102188	0.4314	118.7- 188.7	152.6	
1	5	2.743	2.743	0.000	18047475	0.4257	125.6- 175.6	152.1	
			Average of Peak Amounts =			0.4431			
2	6	2.166	2.166	0.000	10087387	0.3933		100.0	
2	7	2.564	2.564	0.000	19999824	0.3939	169.6- 229.6	198.3	
2	8	3.019	3.019	0.000	41220027	0.4148	351.4- 411.4	408.6	
2	9	3.157	3.157	0.000	18461170	0.4194	141.3- 201.3	183.0	
2	10	3.261	3.261	0.000	14426968	0.4212	102.5- 162.5	143.0	
			Average of Peak Amounts =			0.4085			
						RPD = 8.12			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									M
1	100	3.943	3.943	0.000	27945162	0.4478		100.0	
1	2	4.232	4.232	0.000	49389868	0.4485	152.2- 202.2	176.7	
1	3	4.517	4.517	0.000	48096906	0.4467	146.4- 196.4	172.1	
1	4	5.216	5.216	0.000	57014172	0.4407	180.7- 230.7	204.0	
1	5	5.505	5.505	0.000	22770770	0.3910	64.1- 114.1	81.5	M
			Average of Peak Amounts =			0.4349			
2	6	4.971	4.971	0.000	29229591	0.4249		100.0	
2	7	5.203	5.203	0.000	34755153	0.4354	87.6- 147.6	118.9	
2	8	5.570	5.570	0.000	50858946	0.4304	144.7- 204.7	174.0	
2	9	6.258	6.258	0.000	64903953	0.4451	187.7- 247.7	222.0	
2	10	6.639	6.639	0.000	41093755	0.4251	115.0- 175.0	140.6	M
			Average of Peak Amounts =			0.4322			
						RPD = 0.63			
$ 12 DCB Decachlorobiphenyl									
1	100	6.649	6.649	0.000	32259057	0.0242			
2	2	7.871	7.871	0.000	31321745	0.0215			
						RPD = 11.64			

QC Flag Legend

Review Flags
M - Manually Integrated

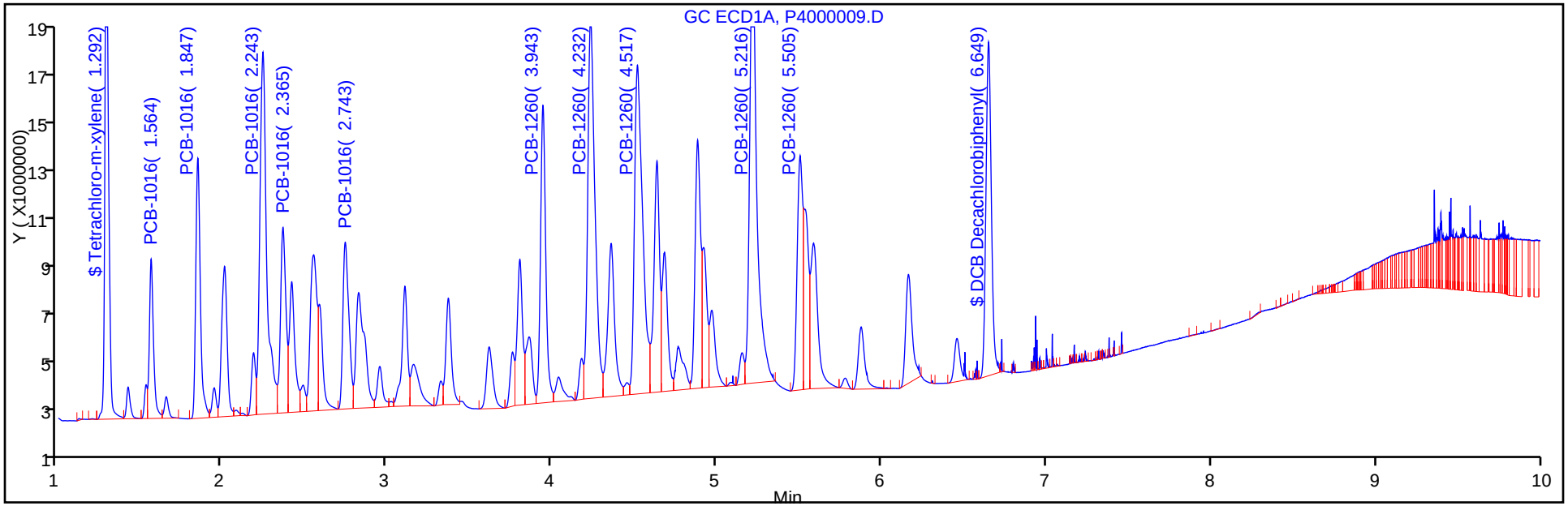
Report Date: 29-Apr-2013 15:57:27 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

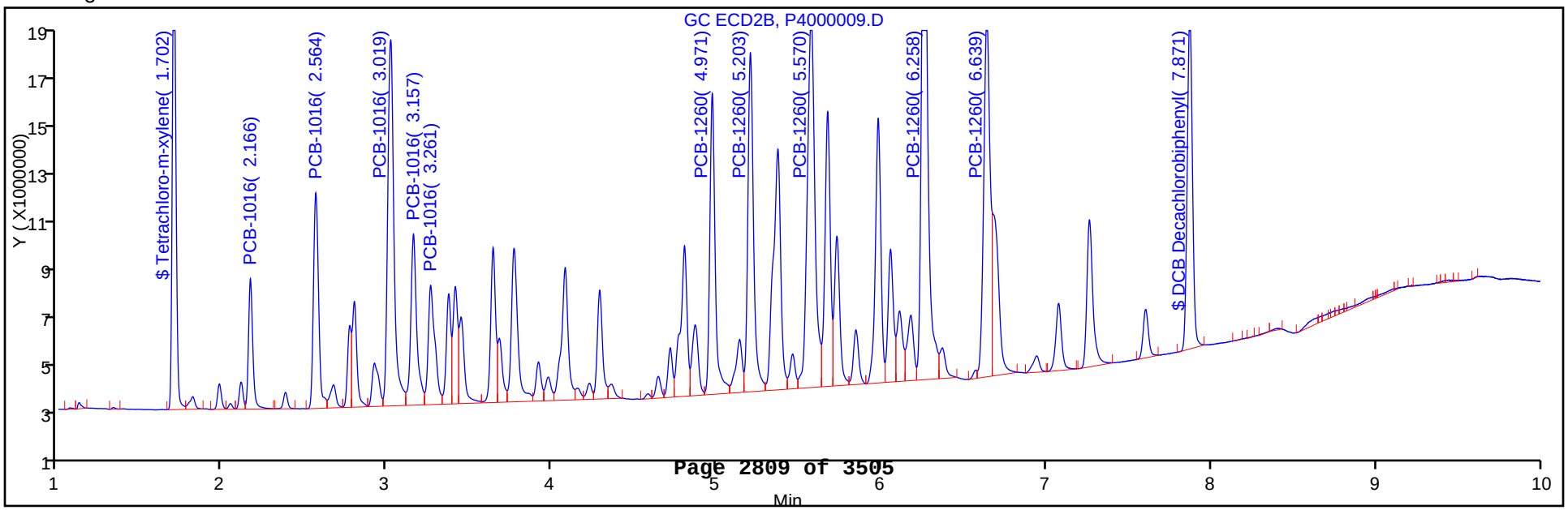
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Injection Date:	29-Apr-2013 09:51:12	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	83996	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



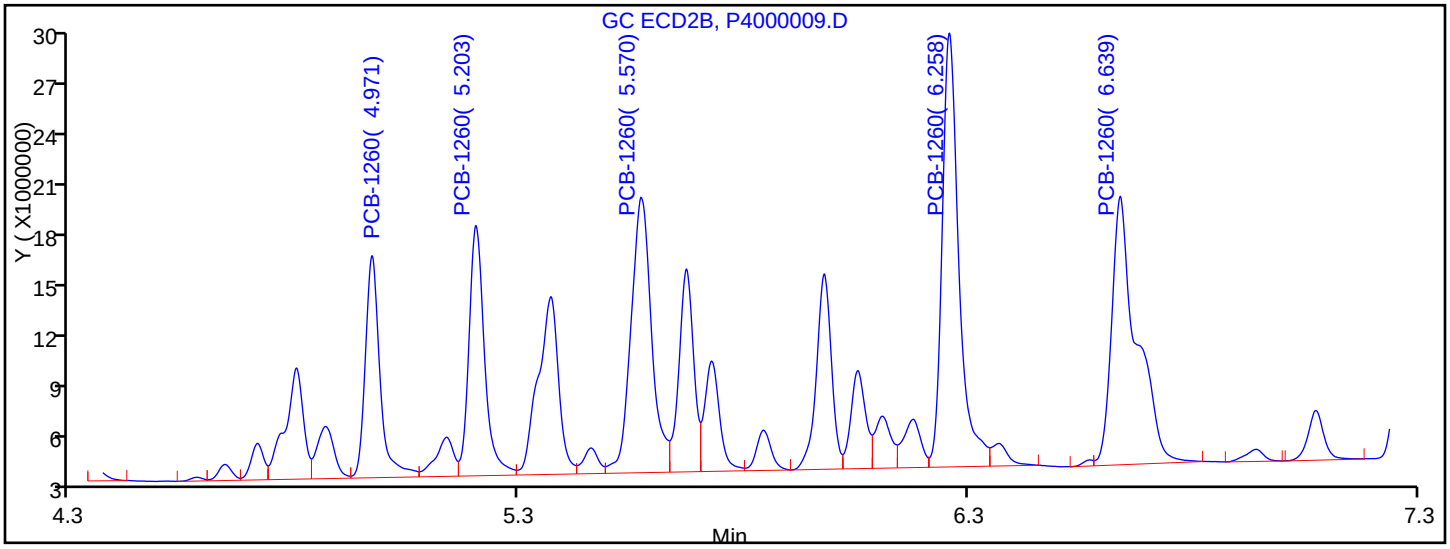
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\P4000009.D

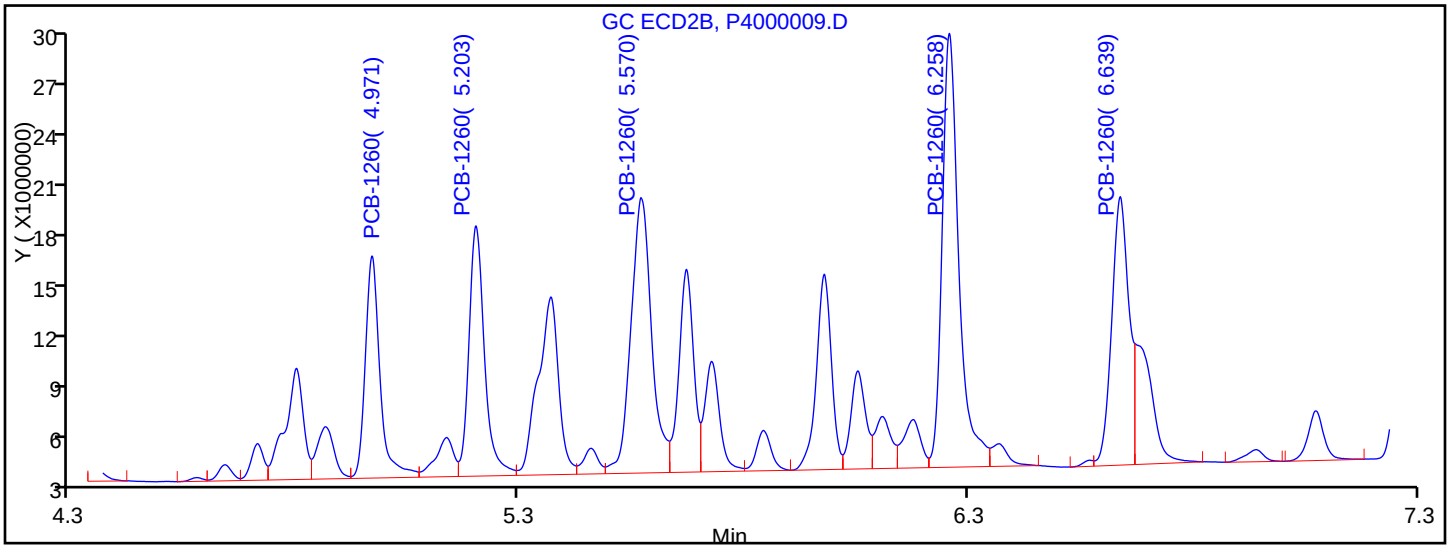
Injection Date:	29-Apr-2013 09:51:12	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	83996	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

10 PCB-1260, Detector: 2, GC ecd2b



Processing Integration Results

RT = 4.971	Response = 29229591	
RT = 5.203	Response = 34755153	
RT = 5.570	Response = 50858946	
RT = 6.258	Response = 64903953	
RT = 6.639	Response = 59492025	M



Manual Integration Results

RT = 4.971	Response = 29229591	
RT = 5.203	Response = 34755153	
RT = 5.570	Response = 50858946	
RT = 6.258	Response = 64903953	
RT = 6.639	Response = 41093755	M

Reviewer: hassl, 29-Apr-2013 15:51:56

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22663-1

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			

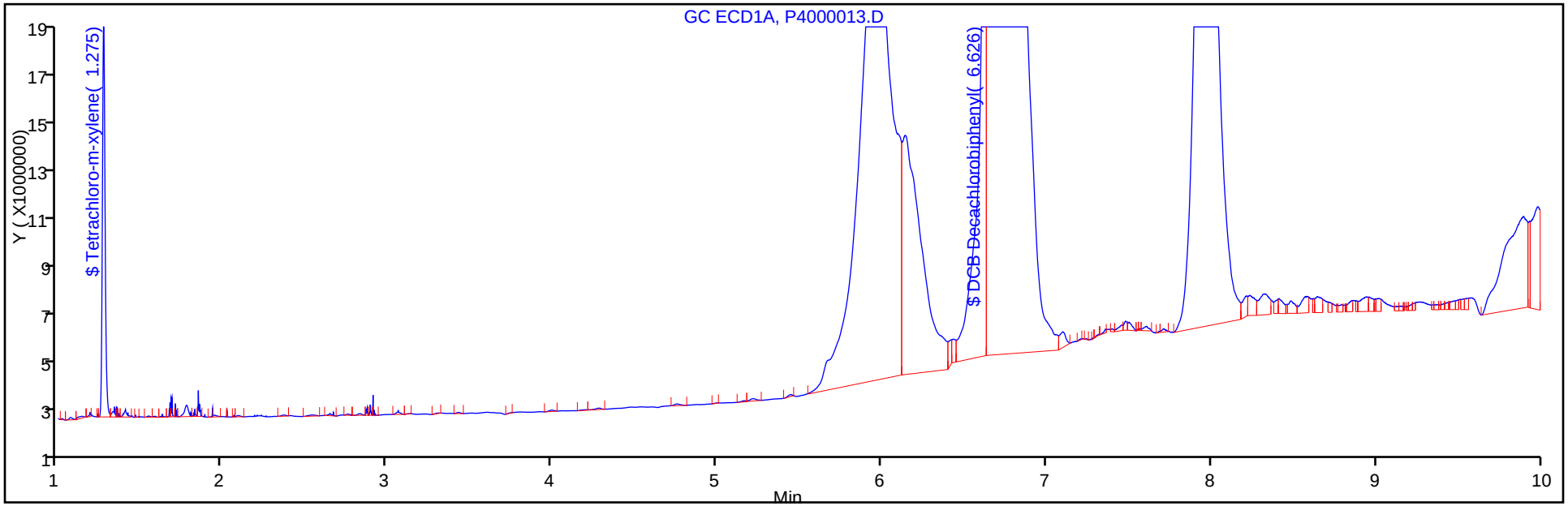
Report Date: 19-Apr-2013 14:47:52 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

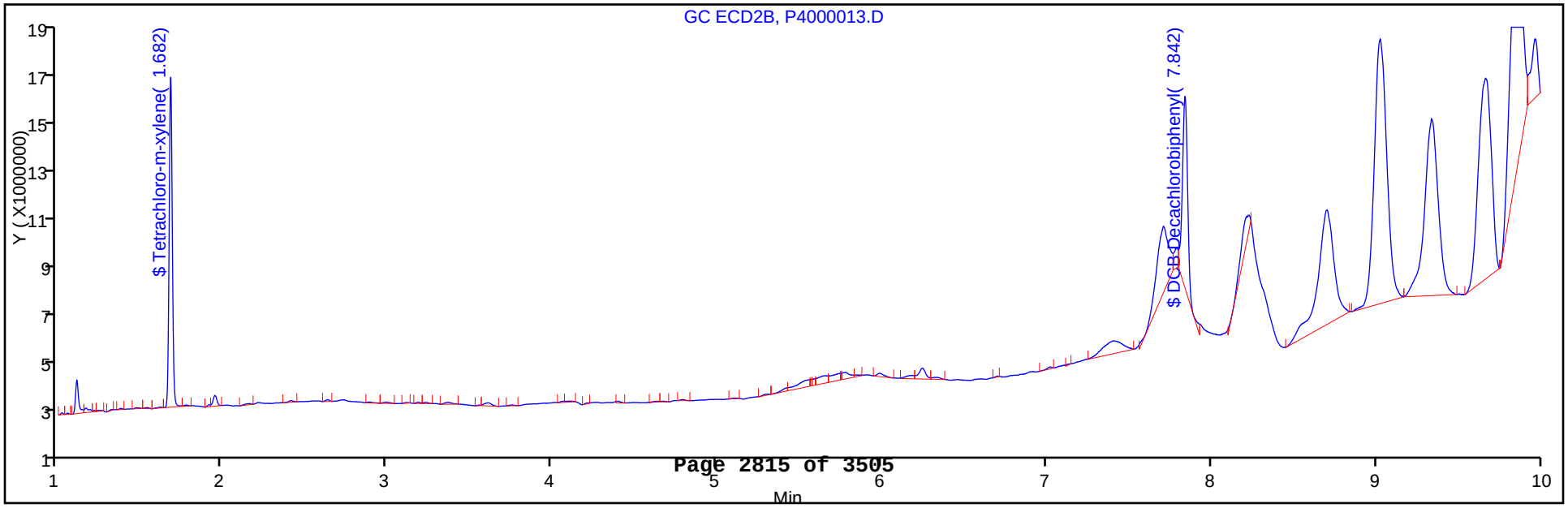
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Injection Date:	18-Apr-2013 12:13:34	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82363	Lims Sample ID:	13
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

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.: 240-22663-1

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			

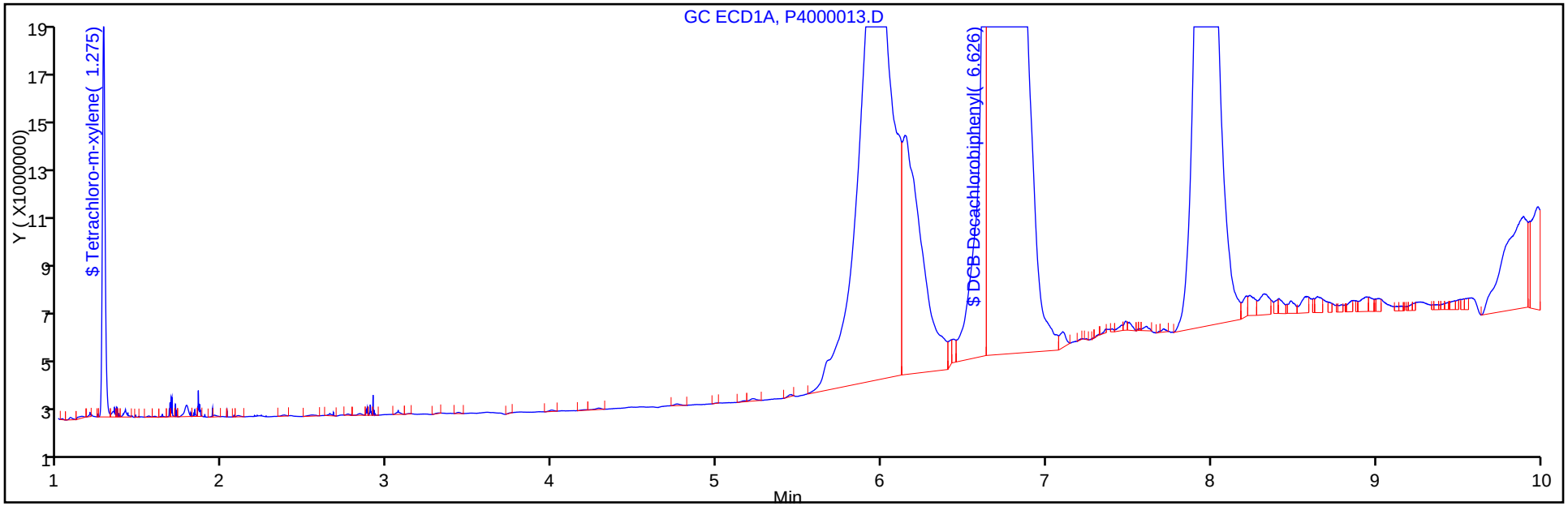
Report Date: 19-Apr-2013 14:47:53 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

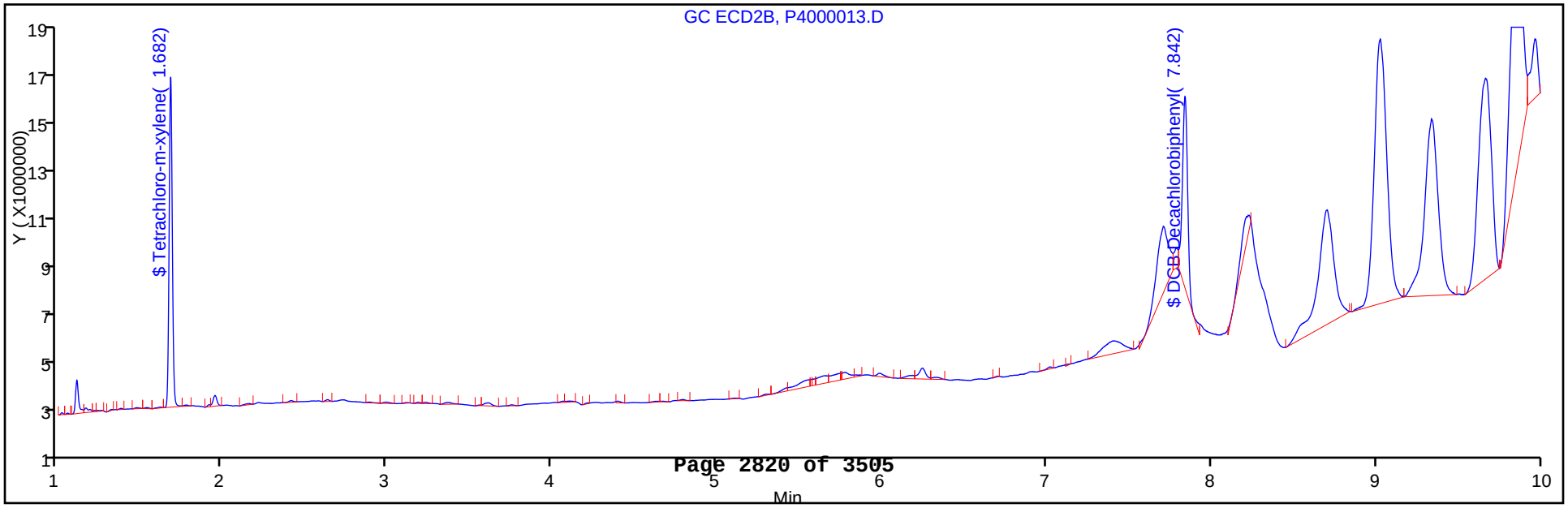
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000013.D

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.: 240-22663-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-81736/24-A

Matrix: Solid Lab File ID: P4000019.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: 3540C Date Extracted: 04/12/2013 11:46

Sample wt/vol: 30(g) Date Analyzed: 04/17/2013 14:51

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 82267 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	75		40-140
2051-24-3	DCB Decachlorobiphenyl	83		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000019.D
Lims ID: MB 240-81736/24-A Client ID:
Inject. Date: 17-Apr-2013 14:51:32 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0018945-019
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 19
Lims Batch ID: 82267 Lims Sample ID: 19
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130417-18945.b\PCB4.m
Last Update: 19-Apr-2013 09:25:41 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

First Level Reviewer: hassl Date: 19-Apr-2013 08:47:23

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.275	1.276	-0.001	23610618	0.0149			
2	2	1.682	1.683	-0.001	24987452	0.0158			
						RPD = 6.03			
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	2		1.827						
1	3		2.220						
1	4		2.339						
1	5		2.718						
2	6		2.146						
2	7		2.541						
2	8		2.993						
2	9		3.131						
2	10		3.235						
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						
1	2		4.202						
1	3		4.481						
1	4		5.181						
1	5		5.466						
2	6		4.944						
2	7		5.173						
2	8		5.541						
2	9		6.226						
2	10		6.606						
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	22218773	0.0166			
2	2	7.842	7.842	0.000	22444148	0.0154			
						RPD = 7.69			

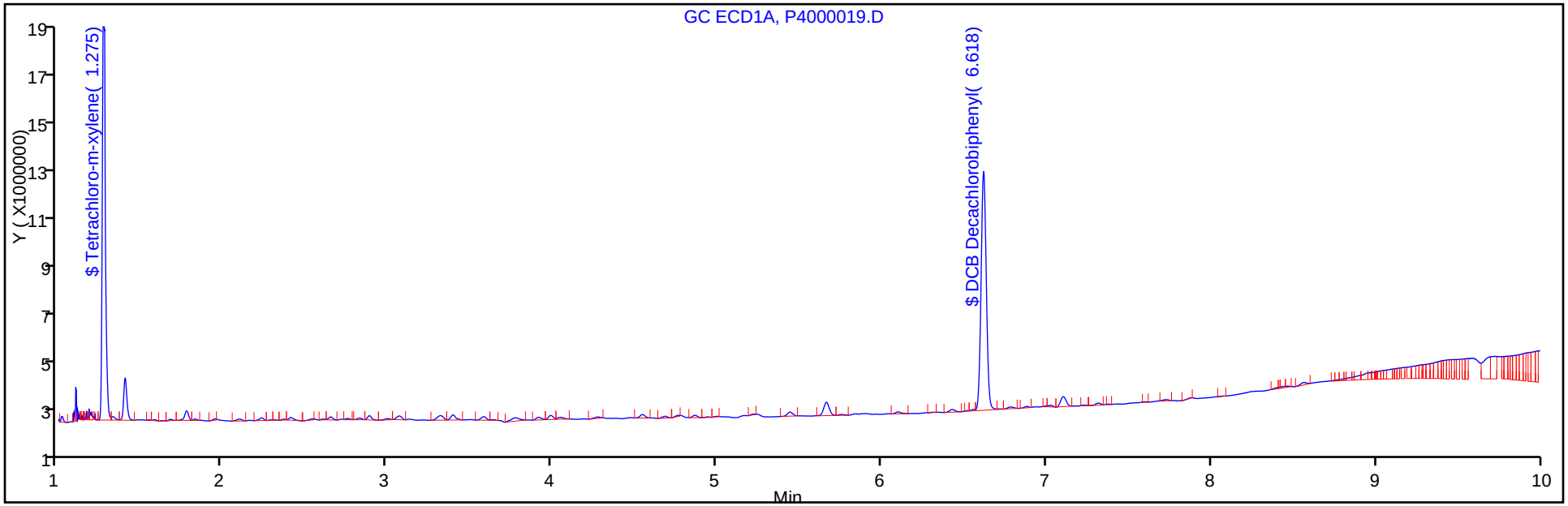
Report Date: 19-Apr-2013 09:25:45 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

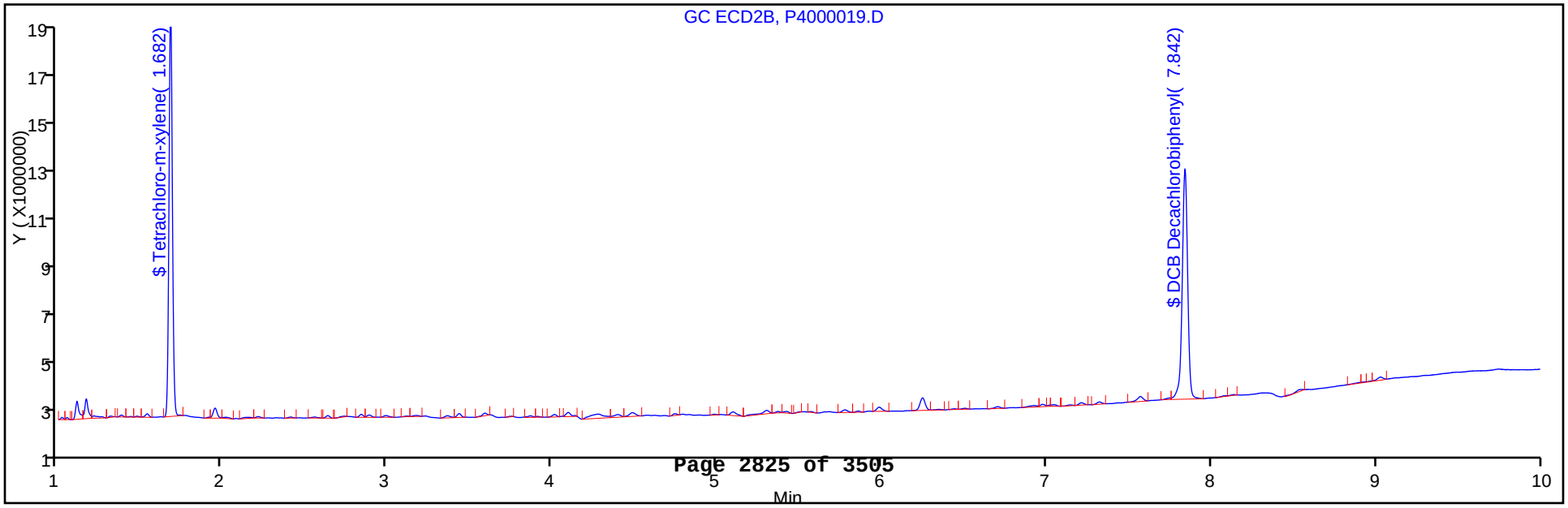
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000019.D

Injection Date:	17-Apr-2013 14:51:32	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82267	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-81736/24-A

Matrix: Solid Lab File ID: P4000019.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: 3540C Date Extracted: 04/12/2013 11:46

Sample wt/vol: 30(g) Date Analyzed: 04/17/2013 14:51

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 82267 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	79		40-140
2051-24-3	DCB Decachlorobiphenyl	77		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000019.D
Lims ID: MB 240-81736/24-A
Client ID:
Inject. Date: 17-Apr-2013 14:51:32
Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0018945-019
Misc. Info.:
Operator:
Instrument ID: A2HP4
Injection Vol: 1.0 uL
ALS Bottle#: 19
Lims Batch ID: 82267
Lims Sample ID: 19
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130417-18945.b\PCB4.m
Last Update: 19-Apr-2013 09:25:41
Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK027

First Level Reviewer: hassl
Date: 19-Apr-2013 08:47:23

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.275	1.276	-0.001	23610618	0.0149			
2	2	1.682	1.683	-0.001	24987452	0.0158			
						RPD = 6.03			
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	2		1.827						
1	3		2.220						
1	4		2.339						
1	5		2.718						
2	6		2.146						
2	7		2.541						
2	8		2.993						
2	9		3.131						
2	10		3.235						
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						
1	2		4.202						
1	3		4.481						
1	4		5.181						
1	5		5.466						
2	6		4.944						
2	7		5.173						
2	8		5.541						
2	9		6.226						
2	10		6.606						
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	22218773	0.0166			
2	2	7.842	7.842	0.000	22444148	0.0154			
						RPD = 7.69			

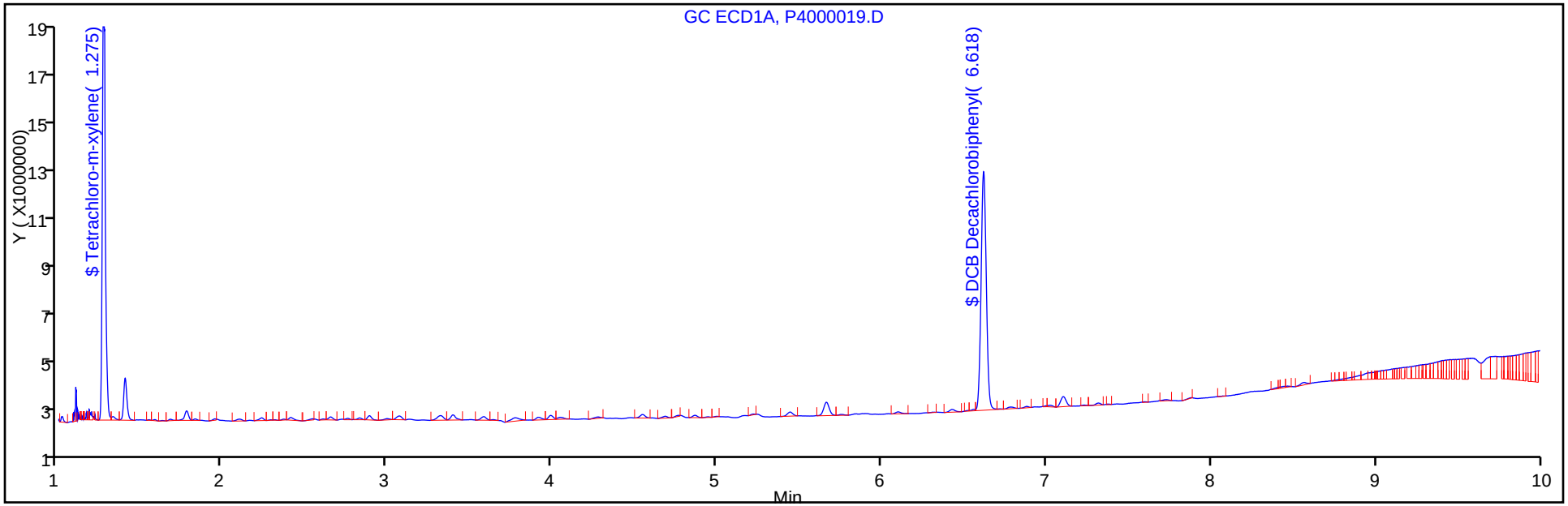
Report Date: 19-Apr-2013 09:25:45 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

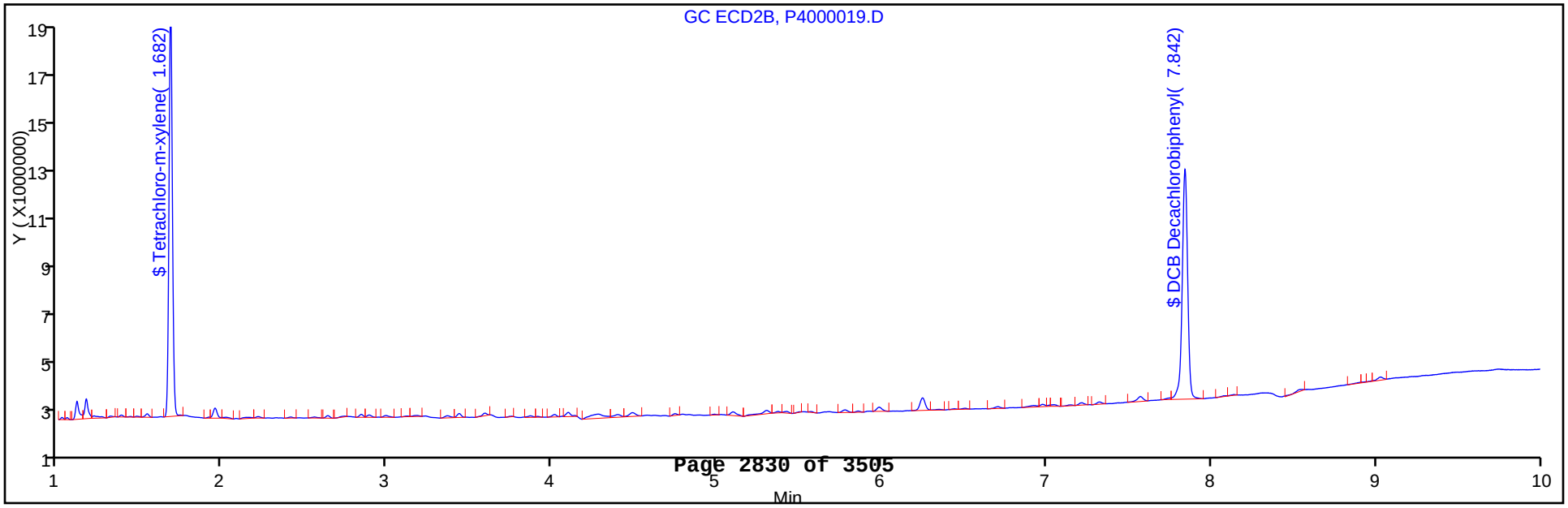
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Injection Date:	17-Apr-2013 14:51:32	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82267	Lims Sample ID:	19
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-83675/20-A

Matrix: Solid Lab File ID: P4000007.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: 3540C Date Extracted: 04/26/2013 08:24

Sample wt/vol: 30.00(g) Date Analyzed: 04/29/2013 09:20

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 83996 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	60		40-140
2051-24-3	DCB Decachlorobiphenyl	71		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130429-19366.b\P4000007.D		
Lims ID:	MB 240-83675/20-A	Client ID:	
Inject. Date:	29-Apr-2013 09:20:21	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	240-0019366-007		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	7
Lims Batch ID:	83996	Lims Sample ID:	7
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130429-19366.b\PCB4.m		
Last Update:	29-Apr-2013 15:57:24	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:	XAWRK031		

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.298	1.298	0.000	19150432	0.0121			
2	2	1.705	1.705	0.000	26178575	0.0166			
						RPD = 31.37			
3 PCB-1221									
1	2		1.417						
1	3		1.526						
1	4		1.556						
2	4		1.971						
2	5		2.102						
2	6		2.160						
5 PCB-1242									
1	100		1.554						
1	2		1.838						
1	3		2.232						
1	4		2.352						
1	5		2.730						
2	6		2.157						
2	7		2.554						
2	8		3.008						
2	9		3.145						
2	10		3.756						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.555						
1	2		1.837						
1	3		2.230						
1	4		2.351						
1	5		2.730						
2	6		2.157						
2	7		2.554						
2	8		3.006						
2	9		3.145						
2	10		3.755						
6 PCB-1016									
1	100		1.562						
1	2		1.846						
1	3		2.241						
1	4		2.361						
1	5		2.741						
2	6		2.165						
2	7		2.561						
2	8		3.016						
2	9		3.155						
2	10		3.259						
7 PCB-1248									
1	86		1.838						
1	2		2.230						
1	3		2.731						
1	4		3.311						
1	5		3.742						
2	6		2.553						
2	7		3.005						
2	8		3.755						
2	9		4.031						
2	10		4.753						
8 PCB-1254									
1	100		3.356						
1	2		3.742						
1	3		4.029						
1	4		4.216						
1	5		4.499						
2	6		4.276						
2	7		4.753						
2	8		5.001						
2	9		5.360						
2	10		5.561						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.941						
1	2		4.231						
1	3		4.516						
1	4		5.215						
1	5		5.506						
2	6		4.969						
2	7		5.201						
2	8		5.570						
2	9		6.256						
2	10		6.636						
9 PCB-1262									
1	100		4.221						
1	2		4.623						
1	3		4.870						
1	4		5.198						
1	5		5.573						
2	6		5.190						
2	7		5.660						
2	8		5.968						
2	9		6.243						
2	10		6.622						
11 PCB-1268									
1	100		5.530						
1	2		5.568						
1	3		5.766						
1	4		6.144						
1	5		6.442						
2	6		6.620						
2	7		6.668						
2	8		6.931						
2	9		7.247						
2	10		7.590						
$ 12 DCB Decachlorobiphenyl									
1	100	6.648	6.648	0.000	18913503	0.0142			
2	2	7.870	7.870	0.000	18601591	0.0128			
						RPD = 10.36			

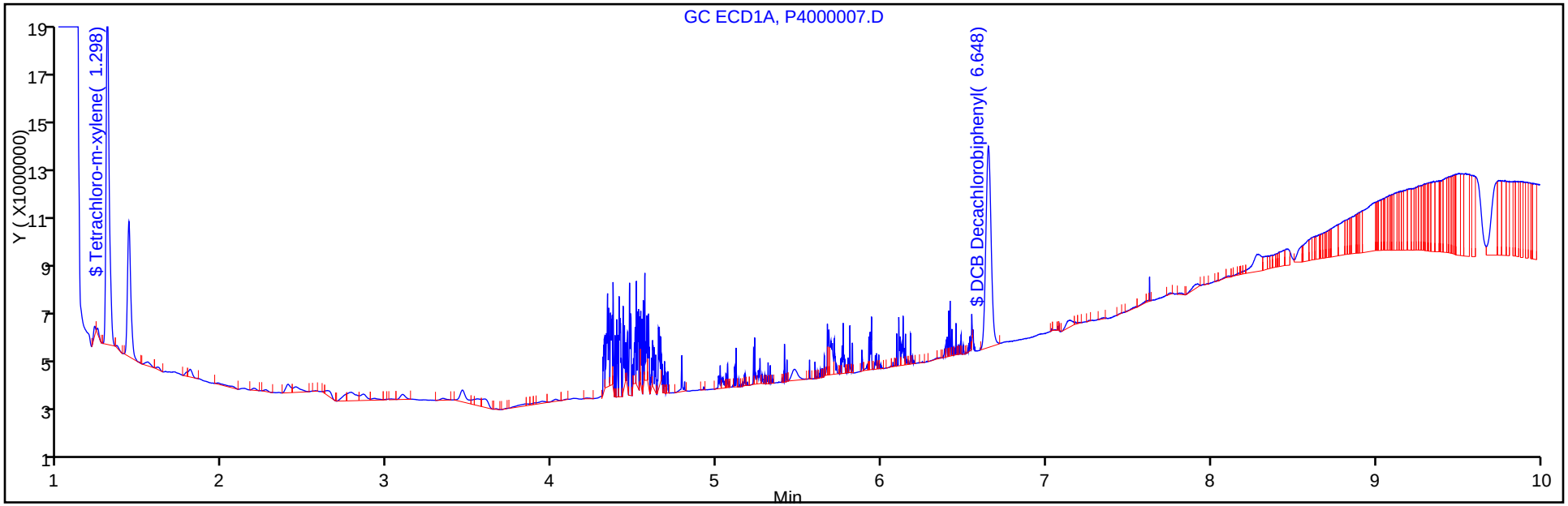
Report Date: 29-Apr-2013 15:57:24 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

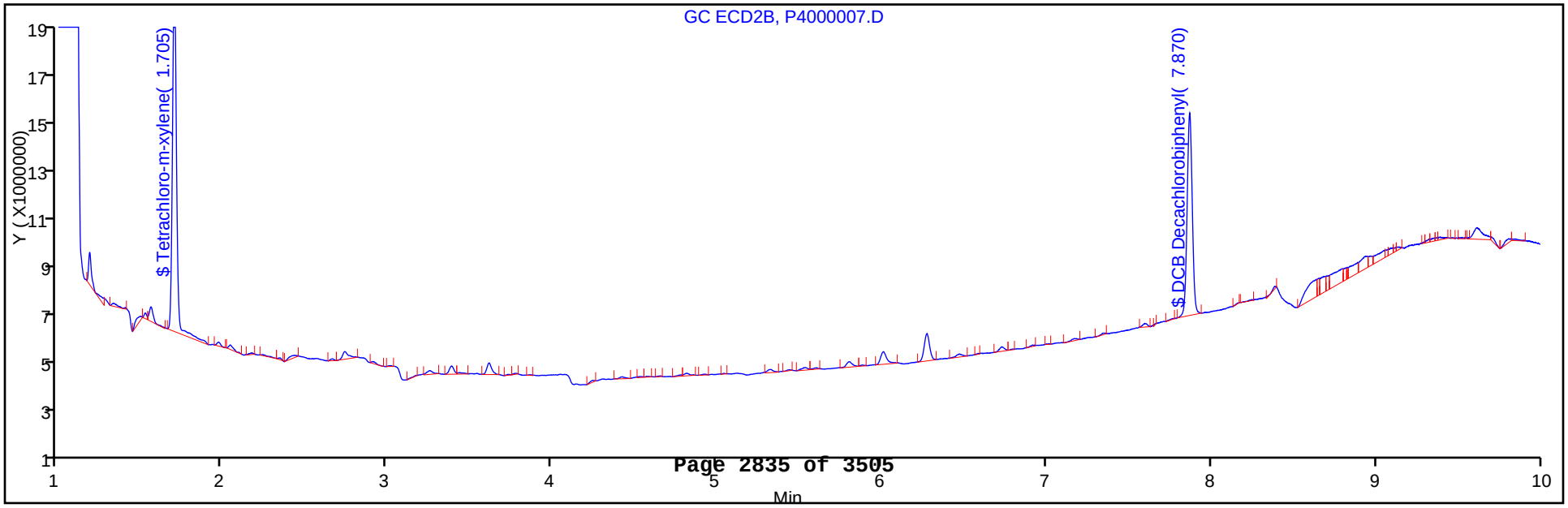
Data File: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\P4000007.D

Injection Date:	29-Apr-2013 09:20:21	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	83996	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.: 240-22663-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-83675/20-A

Matrix: Solid Lab File ID: P4000007.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: 3540C Date Extracted: 04/26/2013 08:24

Sample wt/vol: 30.00(g) Date Analyzed: 04/29/2013 09:20

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 83996 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	83		40-140
2051-24-3	DCB Decachlorobiphenyl	64		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130429-19366.b\P4000007.D		
Lims ID:	MB 240-83675/20-A	Client ID:	
Inject. Date:	29-Apr-2013 09:20:21	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	240-0019366-007		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	7
Lims Batch ID:	83996	Lims Sample ID:	7
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130429-19366.b\PCB4.m		
Last Update:	29-Apr-2013 15:57:24	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:	XAWRK031		

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.298	1.298	0.000	19150432	0.0121			
2	2	1.705	1.705	0.000	26178575	0.0166			
						RPD = 31.37			
3 PCB-1221									
1	2		1.417						
1	3		1.526						
1	4		1.556						
2	4		1.971						
2	5		2.102						
2	6		2.160						
5 PCB-1242									
1	100		1.554						
1	2		1.838						
1	3		2.232						
1	4		2.352						
1	5		2.730						
2	6		2.157						
2	7		2.554						
2	8		3.008						
2	9		3.145						
2	10		3.756						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.555						
1	2		1.837						
1	3		2.230						
1	4		2.351						
1	5		2.730						
2	6		2.157						
2	7		2.554						
2	8		3.006						
2	9		3.145						
2	10		3.755						
6 PCB-1016									
1	100		1.562						
1	2		1.846						
1	3		2.241						
1	4		2.361						
1	5		2.741						
2	6		2.165						
2	7		2.561						
2	8		3.016						
2	9		3.155						
2	10		3.259						
7 PCB-1248									
1	86		1.838						
1	2		2.230						
1	3		2.731						
1	4		3.311						
1	5		3.742						
2	6		2.553						
2	7		3.005						
2	8		3.755						
2	9		4.031						
2	10		4.753						
8 PCB-1254									
1	100		3.356						
1	2		3.742						
1	3		4.029						
1	4		4.216						
1	5		4.499						
2	6		4.276						
2	7		4.753						
2	8		5.001						
2	9		5.360						
2	10		5.561						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.941						
1	2		4.231						
1	3		4.516						
1	4		5.215						
1	5		5.506						
2	6		4.969						
2	7		5.201						
2	8		5.570						
2	9		6.256						
2	10		6.636						
9 PCB-1262									
1	100		4.221						
1	2		4.623						
1	3		4.870						
1	4		5.198						
1	5		5.573						
2	6		5.190						
2	7		5.660						
2	8		5.968						
2	9		6.243						
2	10		6.622						
11 PCB-1268									
1	100		5.530						
1	2		5.568						
1	3		5.766						
1	4		6.144						
1	5		6.442						
2	6		6.620						
2	7		6.668						
2	8		6.931						
2	9		7.247						
2	10		7.590						
$ 12 DCB Decachlorobiphenyl									
1	100	6.648	6.648	0.000	18913503	0.0142			
2	2	7.870	7.870	0.000	18601591	0.0128			
						RPD = 10.36			

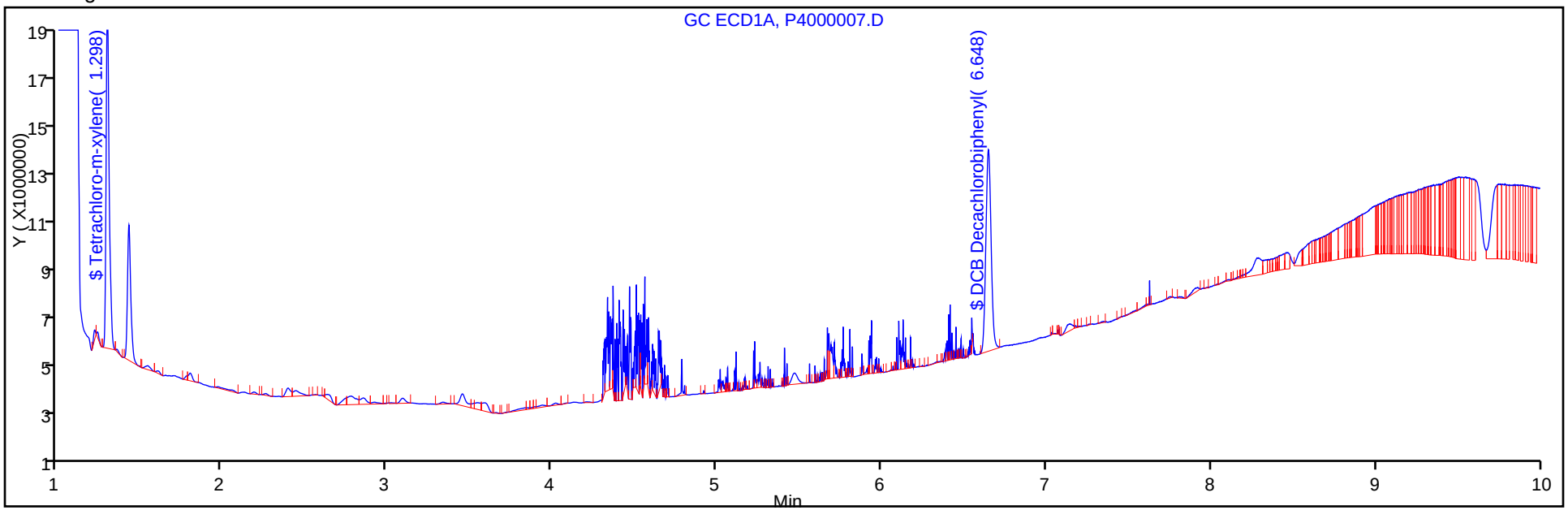
Report Date: 29-Apr-2013 15:57:25 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

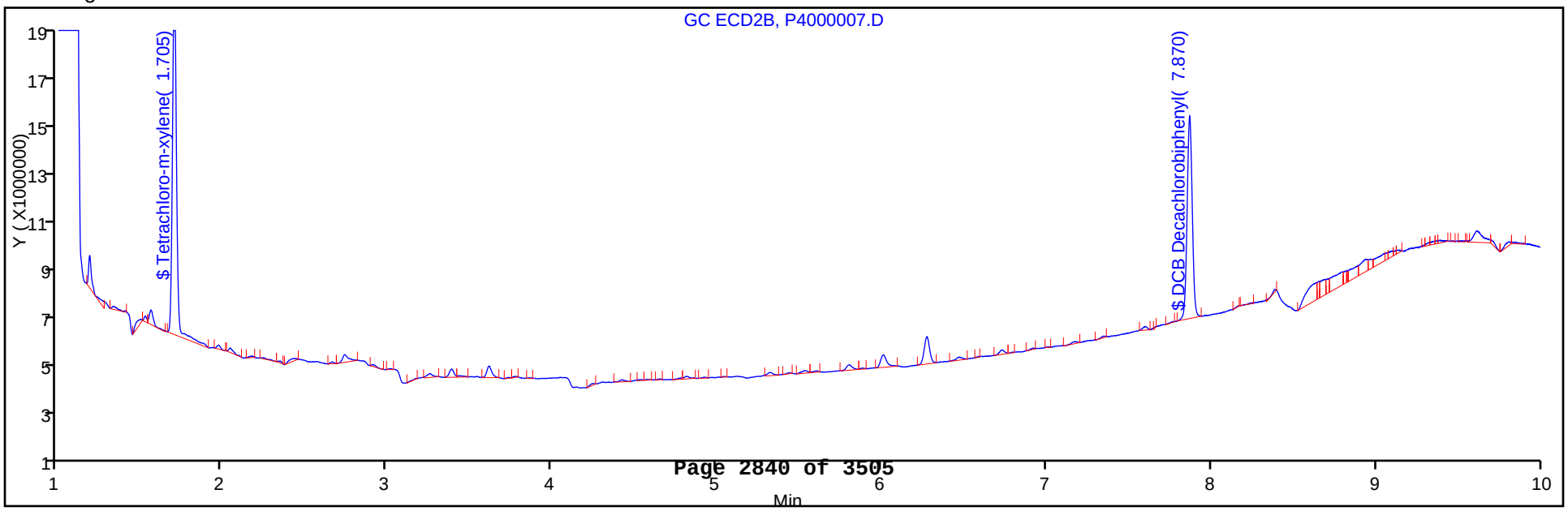
Data File: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\P4000007.D

Injection Date:	29-Apr-2013 09:20:21	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	83996	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.: 240-22663-1

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			

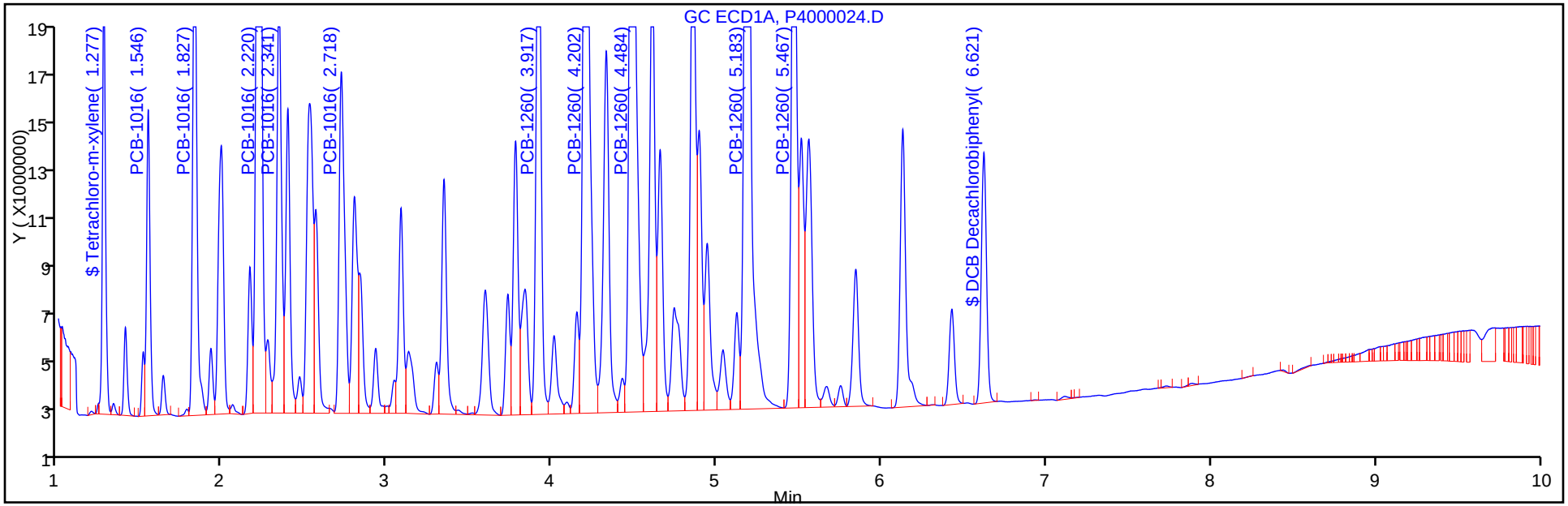
Report Date: 19-Apr-2013 14:48:05 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

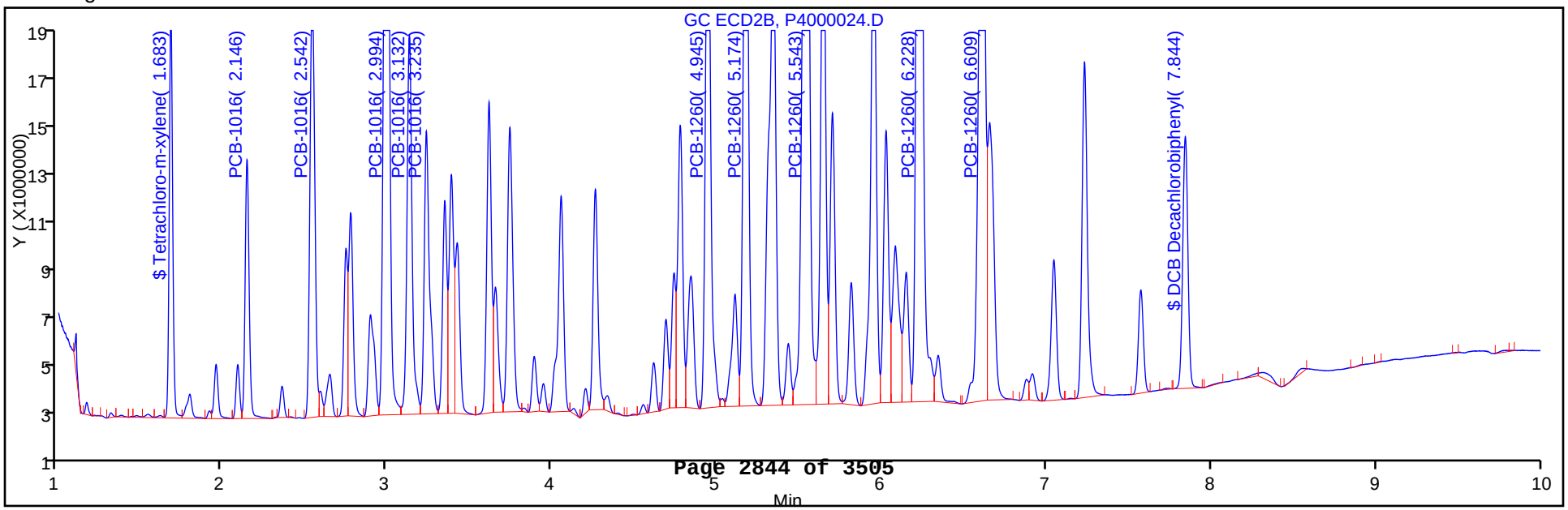
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Injection Date:	18-Apr-2013 15:05:44	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82363	Lims Sample ID:	24
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

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.: 240-22663-1

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			

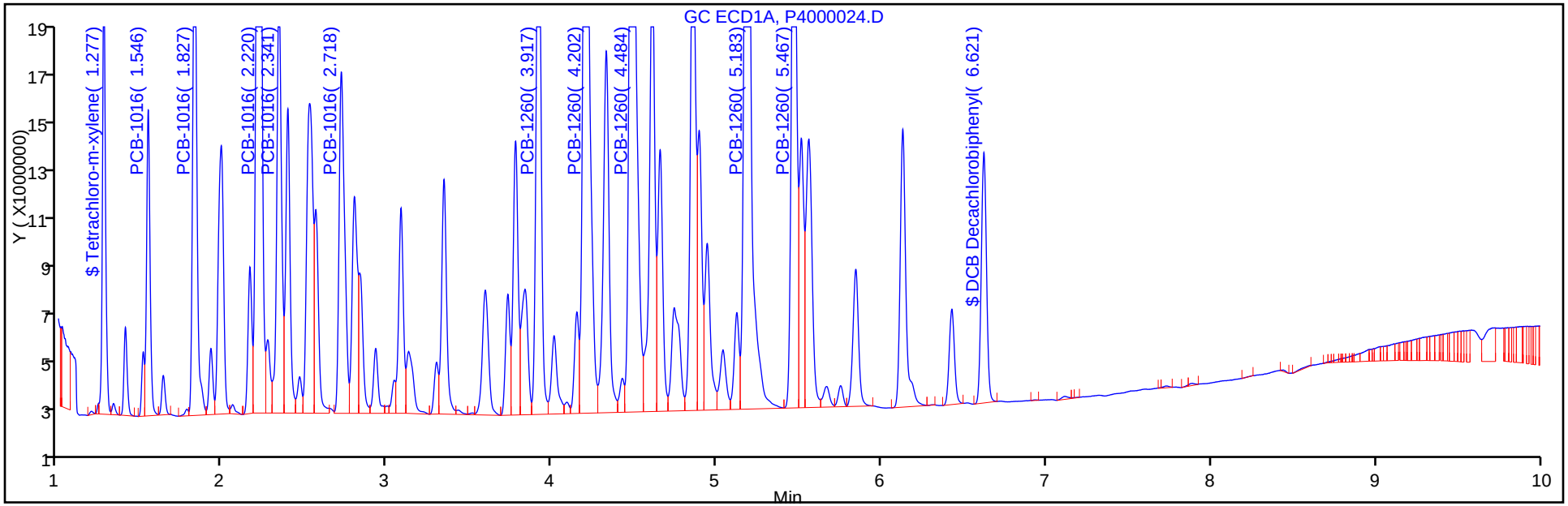
Report Date: 19-Apr-2013 14:48:05 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

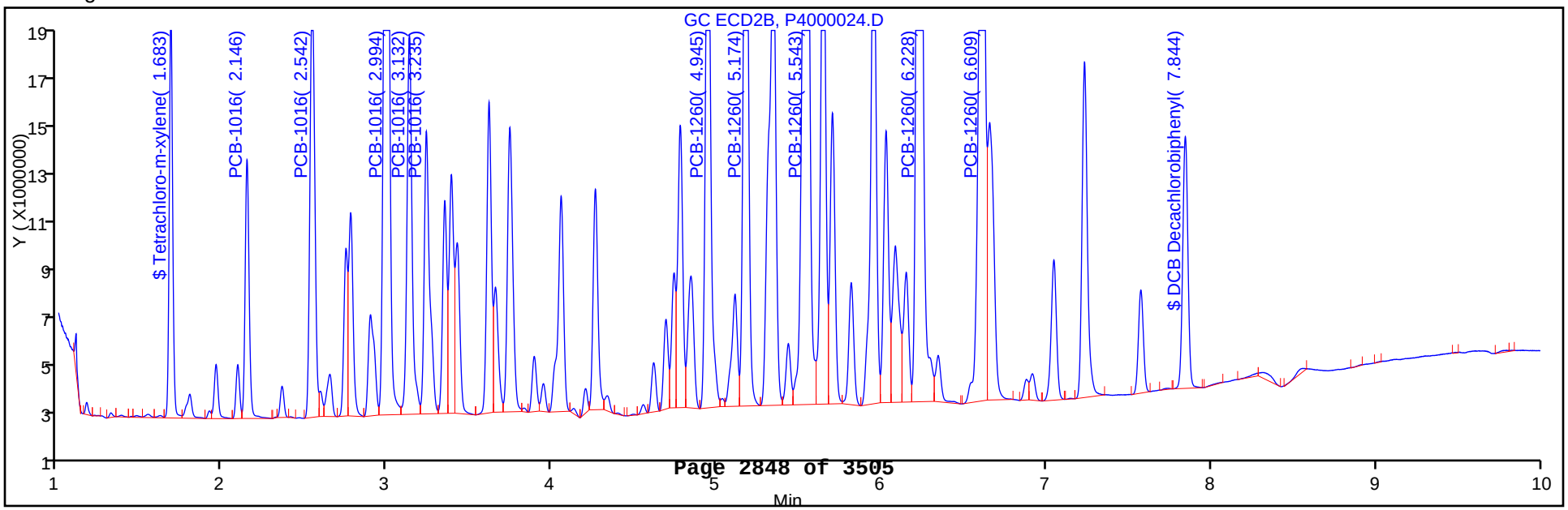
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000024.D

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.: 240-22663-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-81736/23-A

Matrix: Solid Lab File ID: P4000005.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: 3540C Date Extracted: 04/12/2013 11:46

Sample wt/vol: 30(g) Date Analyzed: 04/19/2013 09:06

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.: 82656 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	84		40-140
2051-24-3	DCB Decachlorobiphenyl	98		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130419-19046.b\P4000005.D
Lims ID: LCS 240-81736/23-A
Client ID:
Inject. Date: 19-Apr-2013 09:06:28
Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0019046-005
Misc. Info.:
Operator:
Instrument ID: A2HP4
Injection Vol: 1.0 uL
ALS Bottle#: 5
Lims Batch ID: 82656
Lims Sample ID: 5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130419-19046.b\PCB4.m
Last Update: 19-Apr-2013 13:11:46
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	1.279	1.279	0.000	26746770	0.0169			
2	2	1.685	1.685	0.000	36274797	0.0230			
						RPD = 30.59			
6 PCB-1016									
1	100	1.548	1.548	0.000	19388396	0.7145		100.0	
1	2	1.830	1.830	0.000	40320423	0.8234	156.0- 206.0	208.0	
1	3	2.223	2.223	0.000	90879117	0.9726	312.4- 362.4	468.7	
1	4	2.342	2.342	0.000	39560909	0.9428	118.7- 188.7	204.0	
1	5	2.721	2.721	0.000	35874190	0.8461	125.6- 175.6	185.0	
			Average of Peak Amounts =			0.8599			
2	6	2.148	2.148	0.000	19060932	0.7432		100.0	
2	7	2.544	2.544	0.000	39938855	0.7866	169.6- 229.6	209.5	
2	8	2.996	2.996	0.000	92396848	0.9297	351.4- 411.4	484.7	
2	9	3.135	3.135	0.000	35832142	0.8140	141.3- 201.3	188.0	
2	10	3.238	3.238	0.000	29235105	0.8535	102.5- 162.5	153.4	
			Average of Peak Amounts =			0.8254			
						RPD = 4.09			

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	56811453	0.9104		100.0	
1	2	4.206	4.206	0.000	105854015	0.9612	152.2- 202.2	186.3	
1	3	4.485	4.485	0.000	109683362	1.02	146.4- 196.4	193.1	
1	4	5.187	5.187	0.000	131972862	1.02	180.7- 230.7	232.3	
1	5	5.471	5.471	0.000	66886420	1.15	64.1- 114.1	117.7	
			Average of Peak Amounts =			1.01			
2	6	4.948	4.948	0.000	62771641	0.9126		100.0	
2	7	5.178	5.178	0.000	75103521	0.9408	87.6- 147.6	119.6	
2	8	5.546	5.546	0.000	116314372	0.9843	144.7- 204.7	185.3	
2	9	6.231	6.231	0.000	147734554	1.01	187.7- 247.7	235.4	
2	10	6.612	6.612	0.000	102337106	1.06	115.0- 175.0	163.0	
			Average of Peak Amounts =			0.9819			
						RPD = 2.99			
$ 12 DCB Decachlorobiphenyl									
1	100	6.625	6.625	0.000	26293868	0.0197			
2	2	7.848	7.848	0.000	29927036	0.0205			
						RPD = 4.24			

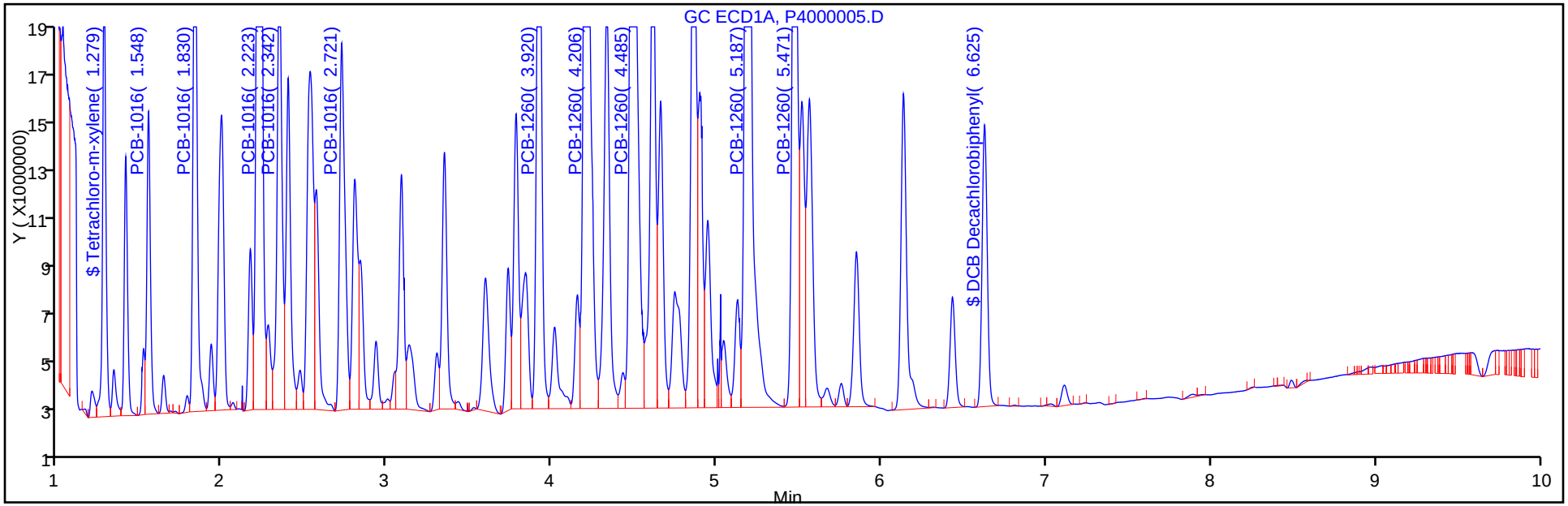
Report Date: 19-Apr-2013 13:11:46 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

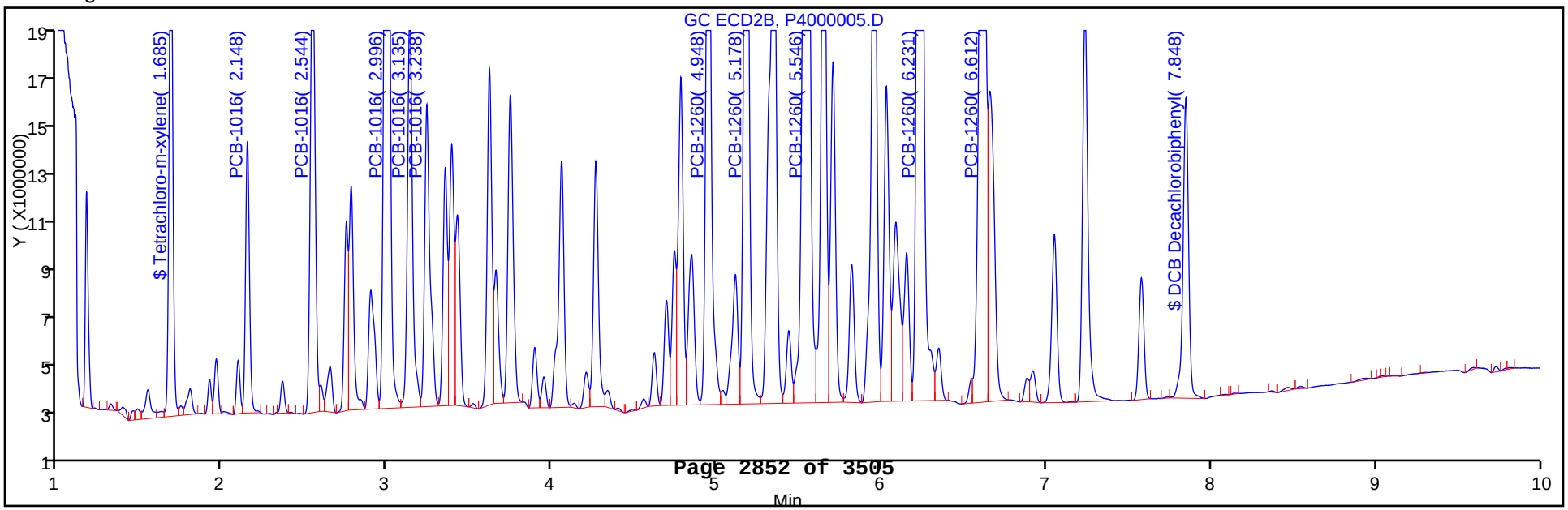
Data File: \\Ncchrom\ChromData\A2HP4\20130419-19046.b\P4000005.D

Injection Date:	19-Apr-2013 09:06:28	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82656	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22663-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-81736/23-A

Matrix: Solid | Lab File ID: P4000005.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 04/12/2013 11:46

Sample wt/vol: 30(g) | Date Analyzed: 04/19/2013 09:06

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.: 82656 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
12674-11-2	Aroclor-1016	275		65	25	21
11096-82-5	Aroclor-1260	327		55	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	115		40-140
2051-24-3	DCB Decachlorobiphenyl	103		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130419-19046.b\P4000005.D
Lims ID: LCS 240-81736/23-A
Client ID:
Inject. Date: 19-Apr-2013 09:06:28
Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0019046-005
Misc. Info.:
Operator:
Instrument ID: A2HP4
Injection Vol: 1.0 uL
ALS Bottle#: 5
Lims Batch ID: 82656
Lims Sample ID: 5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130419-19046.b\PCB4.m
Last Update: 19-Apr-2013 13:11:46
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	1.279	1.279	0.000	26746770	0.0169			
2	2	1.685	1.685	0.000	36274797	0.0230			
						RPD = 30.59			
6 PCB-1016									
1	100	1.548	1.548	0.000	19388396	0.7145		100.0	
1	2	1.830	1.830	0.000	40320423	0.8234	156.0- 206.0	208.0	
1	3	2.223	2.223	0.000	90879117	0.9726	312.4- 362.4	468.7	
1	4	2.342	2.342	0.000	39560909	0.9428	118.7- 188.7	204.0	
1	5	2.721	2.721	0.000	35874190	0.8461	125.6- 175.6	185.0	
			Average of Peak Amounts =			0.8599			
2	6	2.148	2.148	0.000	19060932	0.7432		100.0	
2	7	2.544	2.544	0.000	39938855	0.7866	169.6- 229.6	209.5	
2	8	2.996	2.996	0.000	92396848	0.9297	351.4- 411.4	484.7	
2	9	3.135	3.135	0.000	35832142	0.8140	141.3- 201.3	188.0	
2	10	3.238	3.238	0.000	29235105	0.8535	102.5- 162.5	153.4	
			Average of Peak Amounts =			0.8254			
						RPD = 4.09			

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	56811453	0.9104		100.0	
1	2	4.206	4.206	0.000	105854015	0.9612	152.2- 202.2	186.3	
1	3	4.485	4.485	0.000	109683362	1.02	146.4- 196.4	193.1	
1	4	5.187	5.187	0.000	131972862	1.02	180.7- 230.7	232.3	
1	5	5.471	5.471	0.000	66886420	1.15	64.1- 114.1	117.7	
			Average of Peak Amounts =			1.01			
2	6	4.948	4.948	0.000	62771641	0.9126		100.0	
2	7	5.178	5.178	0.000	75103521	0.9408	87.6- 147.6	119.6	
2	8	5.546	5.546	0.000	116314372	0.9843	144.7- 204.7	185.3	
2	9	6.231	6.231	0.000	147734554	1.01	187.7- 247.7	235.4	
2	10	6.612	6.612	0.000	102337106	1.06	115.0- 175.0	163.0	
			Average of Peak Amounts =			0.9819			
						RPD = 2.99			
$ 12 DCB Decachlorobiphenyl									
1	100	6.625	6.625	0.000	26293868	0.0197			
2	2	7.848	7.848	0.000	29927036	0.0205			
						RPD = 4.24			

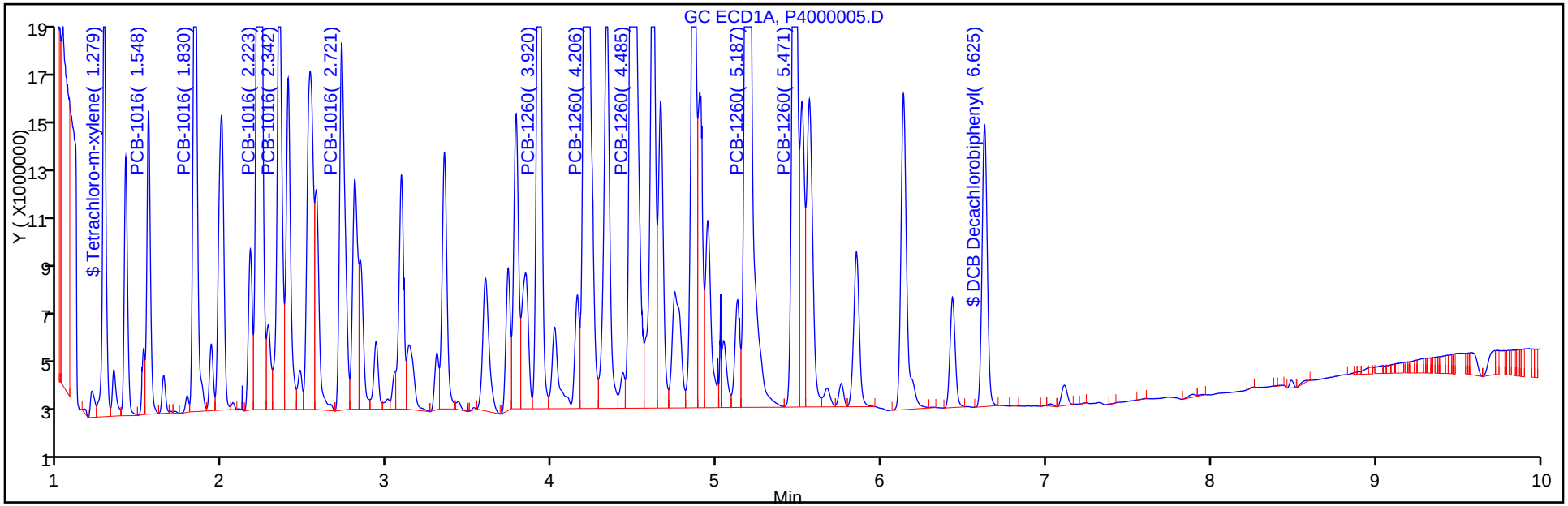
Report Date: 19-Apr-2013 13:11:47 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

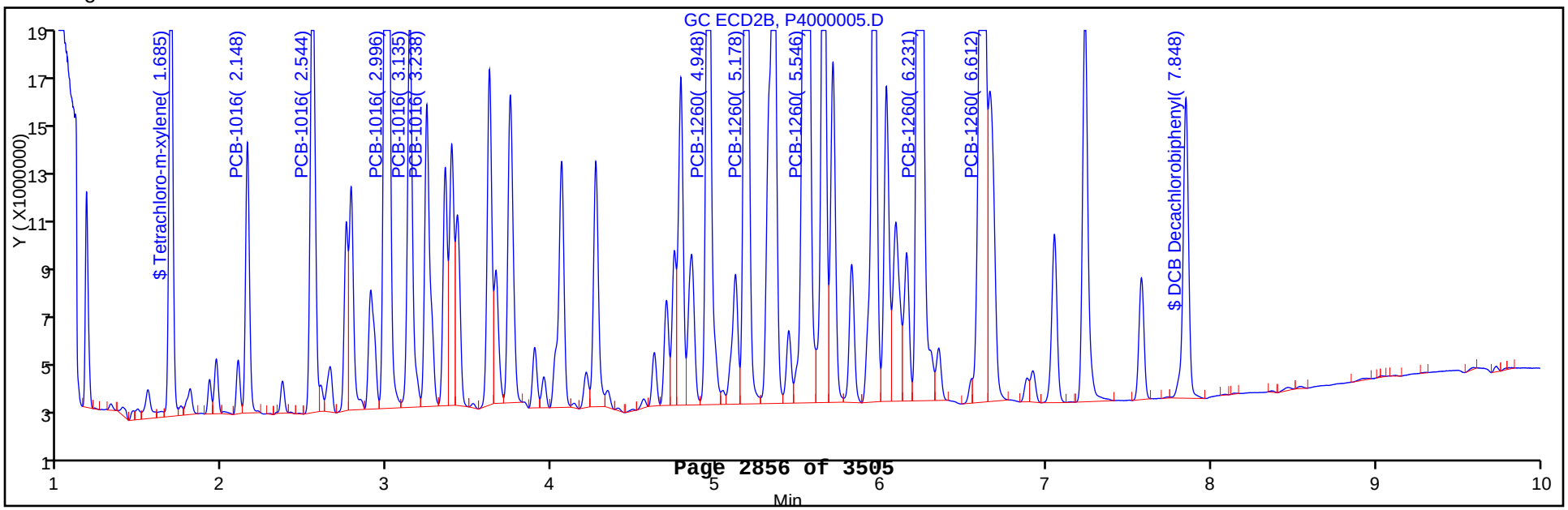
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Injection Date:	19-Apr-2013 09:06:28	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82656	Lims Sample ID:	5
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-83675/21-A

Matrix: Solid Lab File ID: P4000008.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: 3540C Date Extracted: 04/26/2013 08:24

Sample wt/vol: 30.00(g) Date Analyzed: 04/29/2013 09:35

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.: 83996 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	77		40-140
2051-24-3	DCB Decachlorobiphenyl	71		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\P4000008.D
Lims ID: LCS 240-83675/21-A Client ID:
Inject. Date: 29-Apr-2013 09:35:38 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0019366-008
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 8
Lims Batch ID: 83996 Lims Sample ID: 8
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\PCB4.m
Last Update: 29-Apr-2013 15:57:24 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: XAWRK031

First Level Reviewer: hassl Date: 29-Apr-2013 15:52:38

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.301	1.298	0.003	24429450	0.0154			
2	2	1.707	1.705	0.002	29427059	0.0187			
						RPD = 18.92			
6 PCB-1016									M
1	100	1.572	1.562	0.010	15496232	0.5710		100.0	
1	2	1.854	1.846	0.008	31919174	0.6518	156.0- 206.0	206.0	
1	3	2.248	2.241	0.007	72822835	0.7794	312.4- 362.4	469.9	
1	4	2.368	2.361	0.007	29892642	0.7124	118.7- 188.7	192.9	
1	5	2.746	2.741	0.005	25287435	0.5964	125.6- 175.6	163.2	M
			Average of Peak Amounts =			0.6622			
2	6	2.173	2.165	0.008	12870055	0.5018		100.0	
2	7	2.568	2.561	0.007	28916033	0.5695	169.6- 229.6	224.7	
2	8	3.020	3.016	0.004	63640991	0.6404	351.4- 411.4	494.5	
2	9	3.160	3.155	0.005	23425664	0.5322	141.3- 201.3	182.0	
2	10	3.264	3.259	0.005	21662658	0.6325	102.5- 162.5	168.3	
			Average of Peak Amounts =			0.5753			
						RPD = 14.05			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									M
1	100	3.944	3.941	0.003	42503757	0.6811		100.0	
1	2	4.231	4.231	0.000	77950077	0.7078	152.2- 202.2	183.4	
1	3	4.513	4.516	-0.003	80887591	0.7513	146.4- 196.4	190.3	
1	4	5.212	5.215	-0.003	98782811	0.7635	180.7- 230.7	232.4	
1	5	5.499	5.506	-0.007	48437405	0.8316	64.1- 114.1	114.0	
			Average of Peak Amounts =			0.7471			
2	6	4.971	4.969	0.002	43871434	0.6378		100.0	
2	7	5.201	5.201	0.000	51513251	0.6453	87.6- 147.6	117.4	
2	8	5.571	5.570	0.001	79107084	0.6694	144.7- 204.7	180.3	
2	9	6.255	6.256	-0.001	100362248	0.6883	187.7- 247.7	228.8	
2	10	6.636	6.636	0.000	65859347	0.6813	115.0- 175.0	150.1	M
			Average of Peak Amounts =			0.6644			
						RPD = 11.71			
$ 12 DCB Decachlorobiphenyl									
1	100	6.648	6.648	0.000	18984928	0.0142			
2	2	7.870	7.870	0.000	18675610	0.0128			
						RPD = 10.34			

QC Flag Legend

Review Flags
M - Manually Integrated

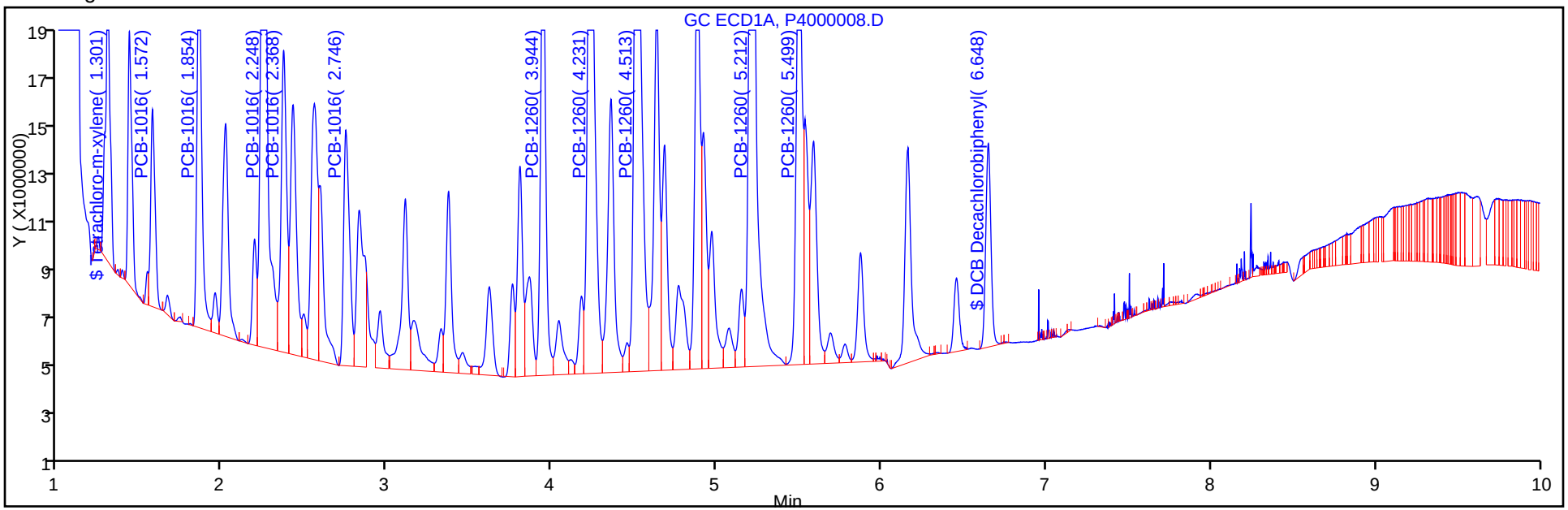
Report Date: 29-Apr-2013 15:57:25 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

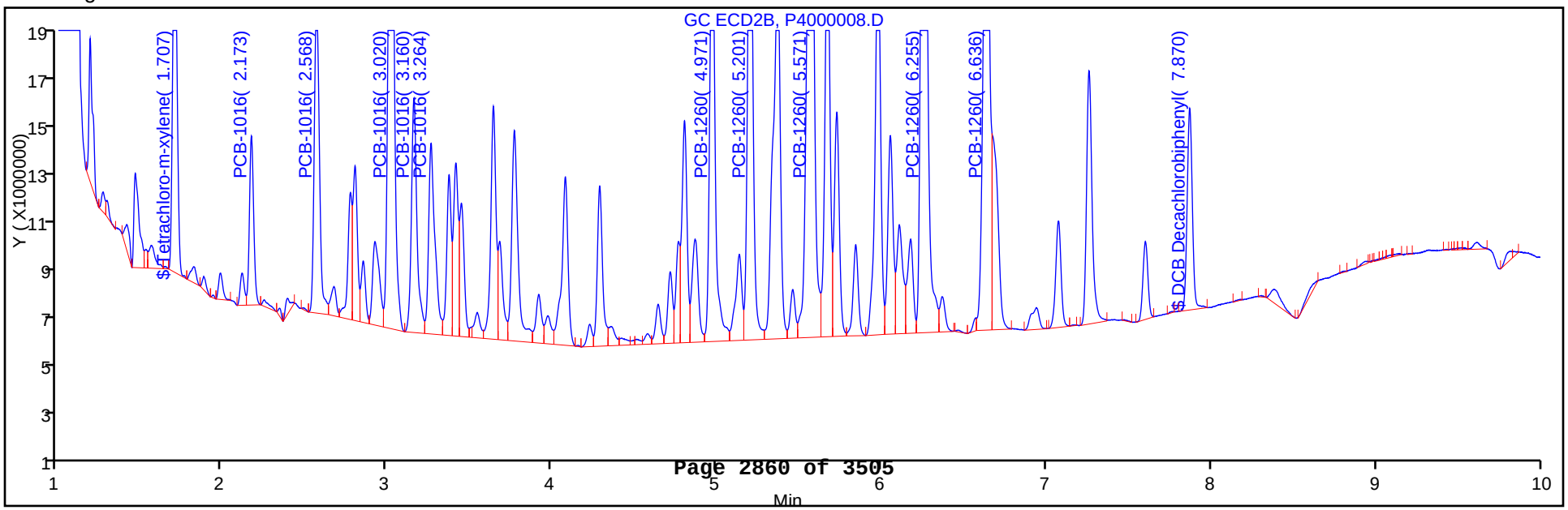
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Injection Date:	29-Apr-2013 09:35:38	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	83996	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



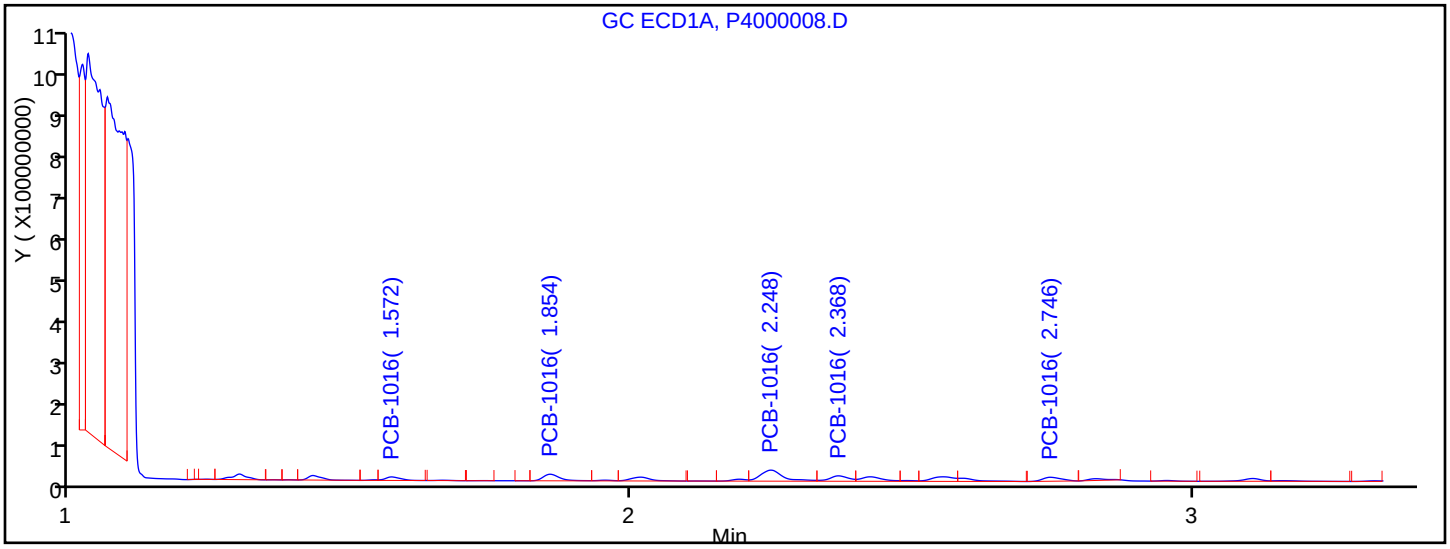
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\P4000008.D

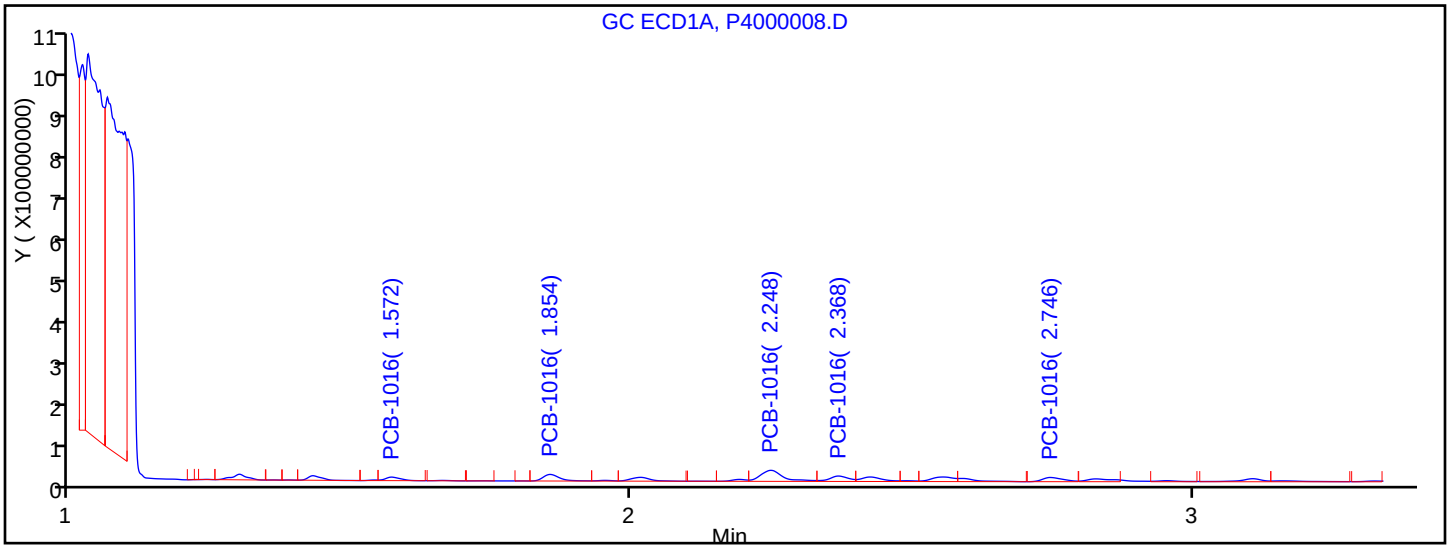
Injection Date:	29-Apr-2013 09:35:38	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	83996	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.572	Response = 15496232	
RT = 1.854	Response = 31919174	
RT = 2.248	Response = 72822835	
RT = 2.368	Response = 29892642	
RT = 2.746	Response = 21659244	M



Manual Integration Results

RT = 1.572	Response = 15496232	
RT = 1.854	Response = 31919174	
RT = 2.248	Response = 72822835	
RT = 2.368	Response = 29892642	
RT = 2.746	Response = 25287435	M

Reviewer: hassl, 29-Apr-2013 15:52:54

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22663-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-83675/21-A

Matrix: Solid | Lab File ID: P4000008.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 04/26/2013 08:24

Sample wt/vol: 30.00(g) | Date Analyzed: 04/29/2013 09:35

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.: 83996 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
12674-11-2	Aroclor-1016	192		65	25	21
11096-82-5	Aroclor-1260	221		55	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	93		40-140
2051-24-3	DCB Decachlorobiphenyl	64		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\P4000008.D
Lims ID: LCS 240-83675/21-A Client ID:
Inject. Date: 29-Apr-2013 09:35:38 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0019366-008
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 8
Lims Batch ID: 83996 Lims Sample ID: 8
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\PCB4.m
Last Update: 29-Apr-2013 15:57:24 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: XAWRK031

First Level Reviewer: hassl Date: 29-Apr-2013 15:52:38

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.301	1.298	0.003	24429450	0.0154			
2	2	1.707	1.705	0.002	29427059	0.0187			
						RPD = 18.92			
6 PCB-1016									M
1	100	1.572	1.562	0.010	15496232	0.5710		100.0	
1	2	1.854	1.846	0.008	31919174	0.6518	156.0- 206.0	206.0	
1	3	2.248	2.241	0.007	72822835	0.7794	312.4- 362.4	469.9	
1	4	2.368	2.361	0.007	29892642	0.7124	118.7- 188.7	192.9	
1	5	2.746	2.741	0.005	25287435	0.5964	125.6- 175.6	163.2	M
			Average of Peak Amounts =			0.6622			
2	6	2.173	2.165	0.008	12870055	0.5018		100.0	
2	7	2.568	2.561	0.007	28916033	0.5695	169.6- 229.6	224.7	
2	8	3.020	3.016	0.004	63640991	0.6404	351.4- 411.4	494.5	
2	9	3.160	3.155	0.005	23425664	0.5322	141.3- 201.3	182.0	
2	10	3.264	3.259	0.005	21662658	0.6325	102.5- 162.5	168.3	
			Average of Peak Amounts =			0.5753			
						RPD = 14.05			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									M
1	100	3.944	3.941	0.003	42503757	0.6811		100.0	
1	2	4.231	4.231	0.000	77950077	0.7078	152.2- 202.2	183.4	
1	3	4.513	4.516	-0.003	80887591	0.7513	146.4- 196.4	190.3	
1	4	5.212	5.215	-0.003	98782811	0.7635	180.7- 230.7	232.4	
1	5	5.499	5.506	-0.007	48437405	0.8316	64.1- 114.1	114.0	
			Average of Peak Amounts =			0.7471			
2	6	4.971	4.969	0.002	43871434	0.6378		100.0	
2	7	5.201	5.201	0.000	51513251	0.6453	87.6- 147.6	117.4	
2	8	5.571	5.570	0.001	79107084	0.6694	144.7- 204.7	180.3	
2	9	6.255	6.256	-0.001	100362248	0.6883	187.7- 247.7	228.8	
2	10	6.636	6.636	0.000	65859347	0.6813	115.0- 175.0	150.1	M
			Average of Peak Amounts =			0.6644			
						RPD = 11.71			
$ 12 DCB Decachlorobiphenyl									
1	100	6.648	6.648	0.000	18984928	0.0142			
2	2	7.870	7.870	0.000	18675610	0.0128			
						RPD = 10.34			

QC Flag Legend

Review Flags
M - Manually Integrated

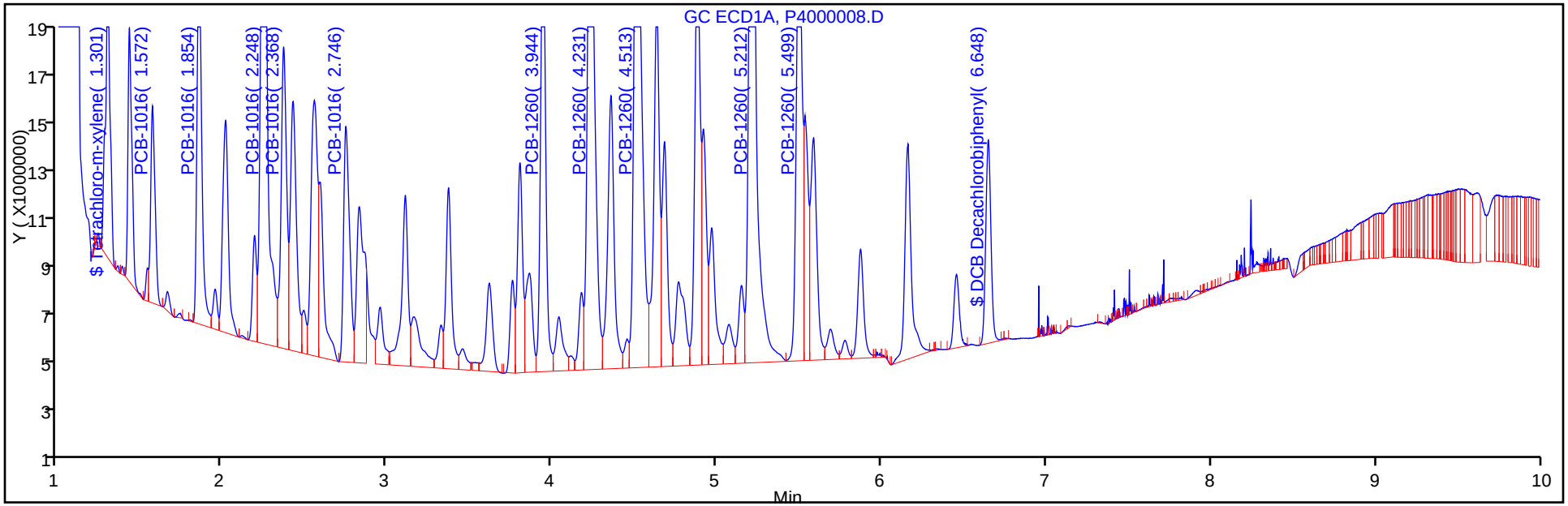
Report Date: 29-Apr-2013 15:57:26 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

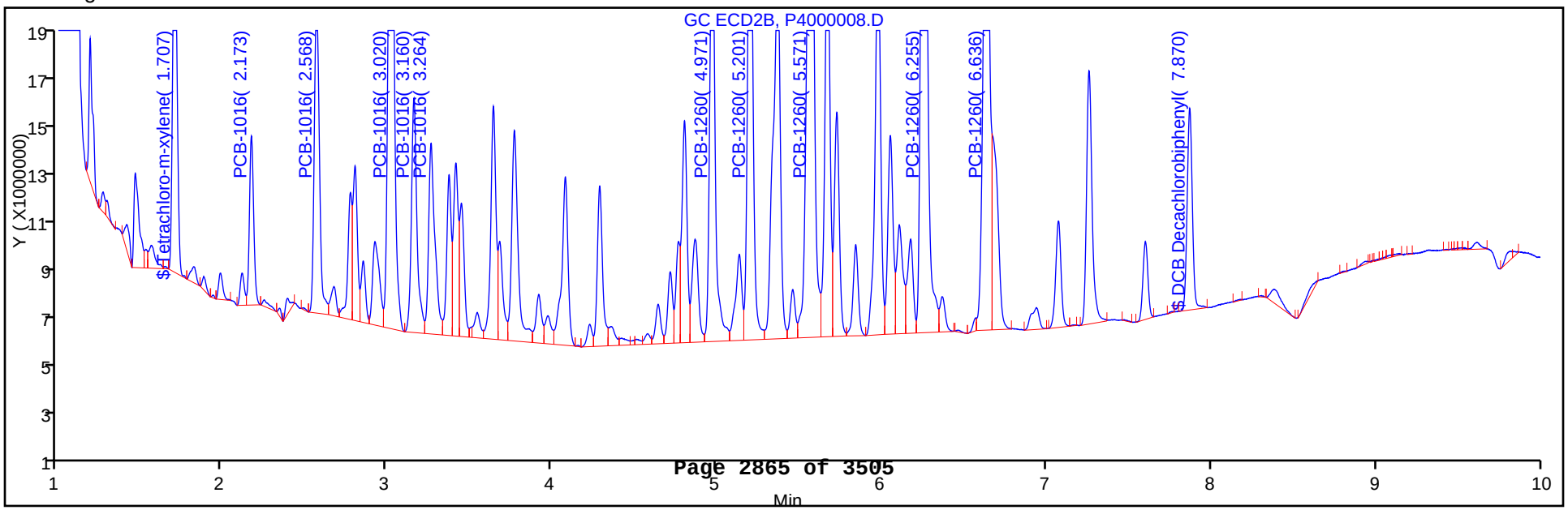
Data File: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\P4000008.D

Injection Date:	29-Apr-2013 09:35:38	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	83996	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



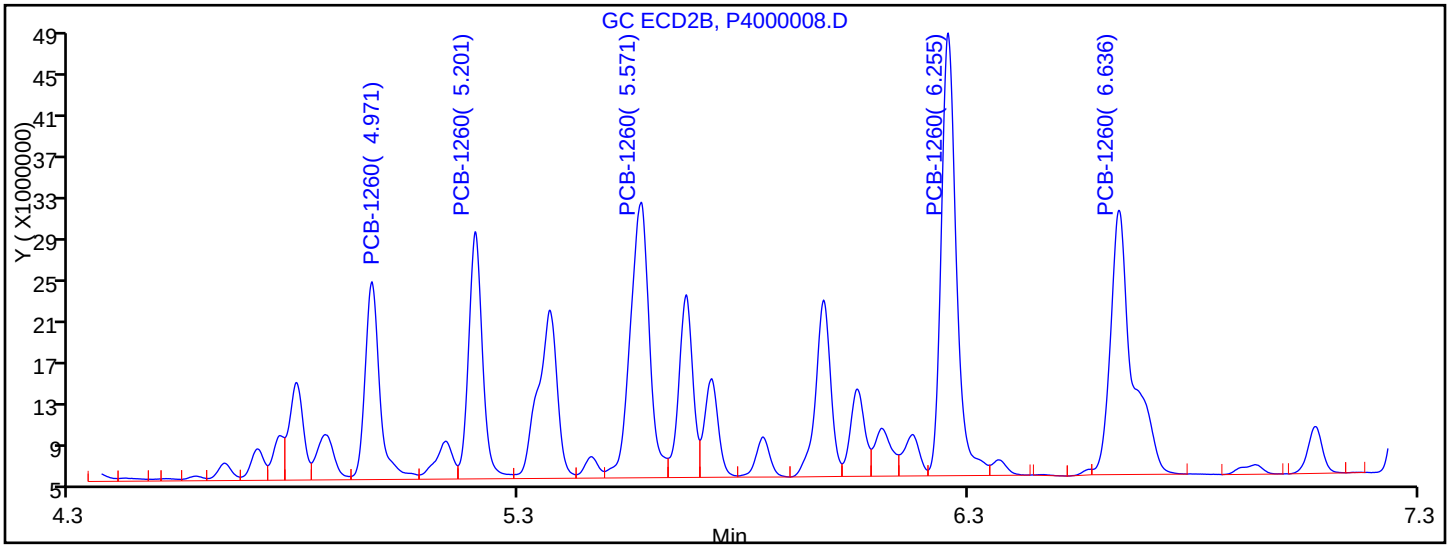
Report Date: 29-Apr-2013 15:57:26 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\P4000008.D

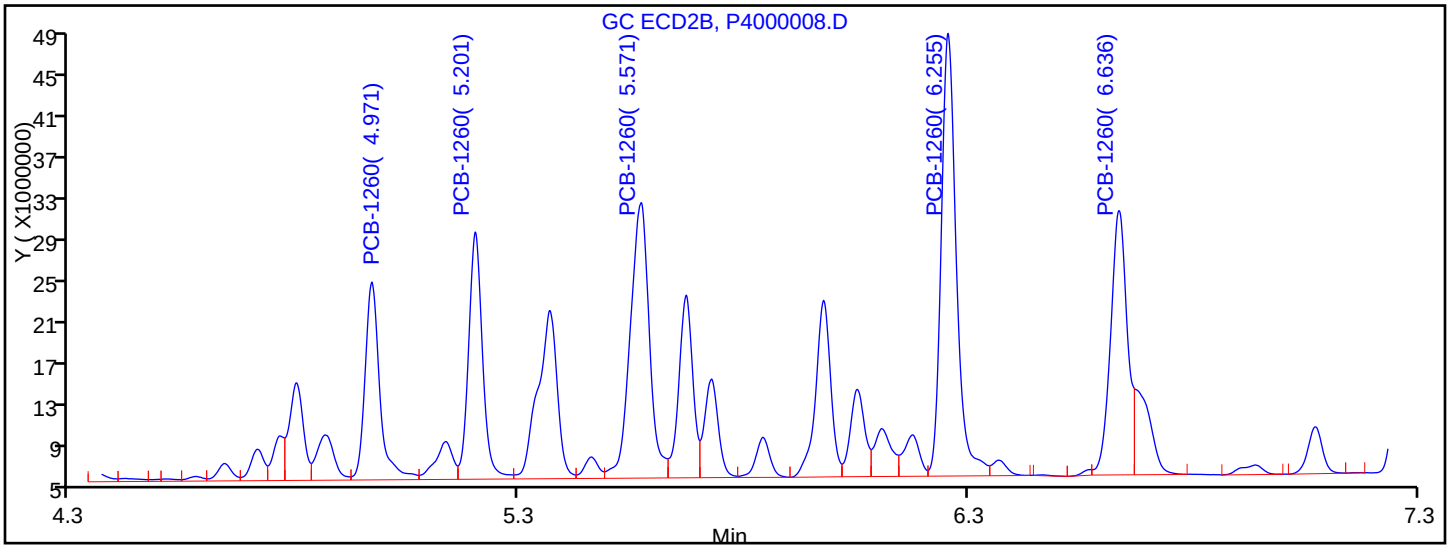
Injection Date:	29-Apr-2013 09:35:38	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	83996	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

10 PCB-1260, Detector: 2, GC ecd2b



Processing Integration Results

RT = 4.971	Response = 43871434	
RT = 5.201	Response = 51513251	
RT = 5.571	Response = 79107084	
RT = 6.255	Response = 100362248	
RT = 6.636	Response = 85994712	M



Manual Integration Results

RT = 4.971	Response = 43871434	
RT = 5.201	Response = 51513251	
RT = 5.571	Response = 79107084	
RT = 6.255	Response = 100362248	
RT = 6.636	Response = 65859347	M

Reviewer: hassl, 29-Apr-2013 15:52:38

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-82267/4

Matrix: Solid Lab File ID: P4000004.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 04/17/2013 10:11

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.: 82267 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*	*0.0552*		*0.050*	0.00020	*0.017*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	115		50-150
2051-24-3	DCB Decachlorobiphenyl	133	*Q*	50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000004.D
Lims ID: MRL Client ID:
Inject. Date: 17-Apr-2013 10:11:59 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0018945-004
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 4
Lims Batch ID: 82267 Lims Sample ID: 4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130417-18945.b\PCB4.m
Last Update: 19-Apr-2013 09:25:32 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

First Level Reviewer: hassl Date: 19-Apr-2013 08:40:41

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	1.276	0.000	4567467	0.002884			
2	2	1.684	1.683	0.001	4214334	0.002671			
						RPD = 7.68			
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	1.547	1.545	0.002	1481508	0.0546		100.0	
1	2	1.829	1.828	0.001	2737915	0.0559	156.0- 206.0	184.8	
1	3	2.220	2.219	0.001	5233409	0.0560	312.4- 362.4	353.2	
1	4	2.340	2.338	0.002	2364693	0.0564	118.7- 188.7	159.6	
1	5	2.719	2.717	0.002	2358034	0.0556	125.6- 175.6	159.2	
			Average of Peak Amounts =			0.0557			
2	6	2.147	2.145	0.002	1309957	0.0511		100.0	
2	7	2.543	2.541	0.002	2424271	0.0477	169.6- 229.6	185.1	
2	8	2.993	2.992	0.001	5216443	0.0525	351.4- 411.4	398.2	
2	9	3.132	3.130	0.002	2404009	0.0546	141.3- 201.3	183.5	
2	10	3.236	3.233	0.003	1752773	0.0512	102.5- 162.5	133.8	
			Average of Peak Amounts =			0.0514			
						RPD = 7.98			
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	3.916	3.915	0.001	3401344	0.0545		100.0	
1	2	4.202	4.201	0.001	5875308	0.0533	152.2- 202.2	172.7	
1	3	4.483	4.482	0.001	5785089	0.0537	146.4- 196.4	170.1	
1	4	5.183	5.181	0.002	6822118	0.0527	180.7- 230.7	200.6	
1	5	5.466	5.465	0.001	3594678	0.0617	64.1- 114.1	105.7	
			Average of Peak Amounts =			0.0552			
2	6	4.944	4.943	0.001	3629268	0.0528		100.0	
2	7	5.174	5.173	0.001	4403682	0.0552	87.6- 147.6	121.3	
2	8	5.541	5.540	0.001	6362209	0.0538	144.7- 204.7	175.3	
2	9	6.226	6.226	0.000	7932252	0.0544	187.7- 247.7	218.6	
2	10	6.607	6.608	-0.001	5549268	0.0574	115.0- 175.0	152.9	
			Average of Peak Amounts =			0.0547			
						RPD = 0.90			
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	6.621	6.618	0.003	4424467	0.003314			
2	2	7.843	7.842	0.001	4040570	0.002774			
						RPD = 17.73			

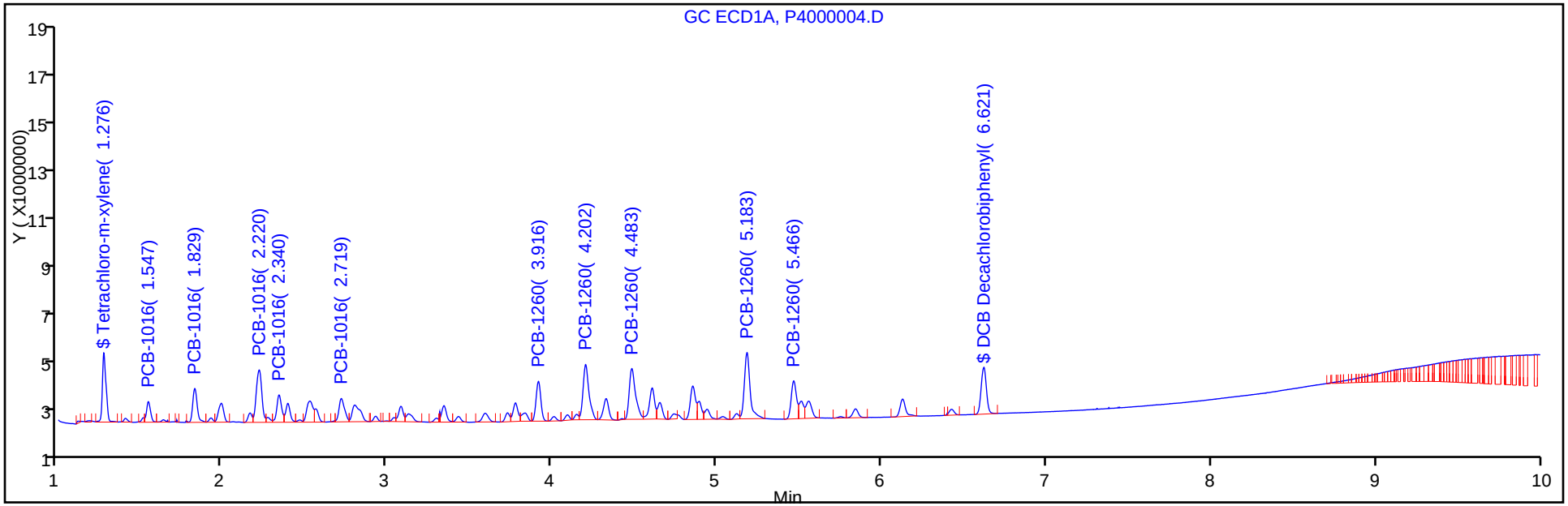
Report Date: 19-Apr-2013 09:25:34 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

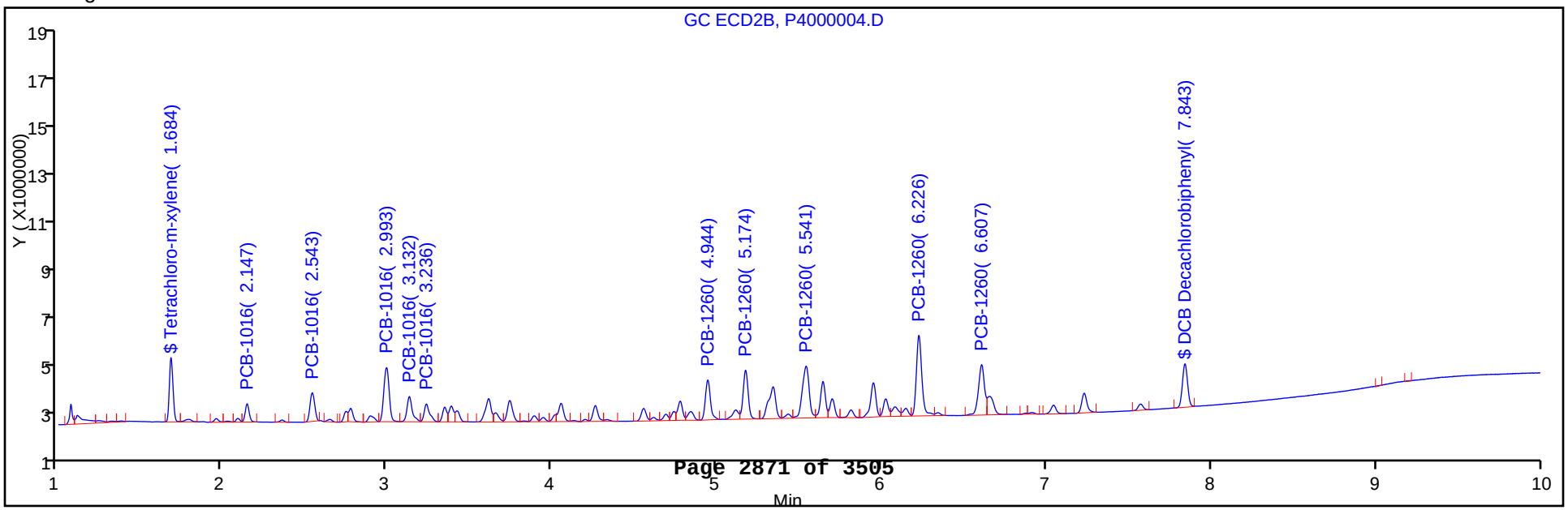
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000004.D

Injection Date:	17-Apr-2013 10:11:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82267	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.: 240-22663-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-82267/4

Matrix: Solid Lab File ID: P4000004.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 04/17/2013 10:11

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.: 82267 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	0.0514		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	0.0547		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	111		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000004.D
Lims ID: MRL Client ID:
Inject. Date: 17-Apr-2013 10:11:59 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0018945-004
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 4
Lims Batch ID: 82267 Lims Sample ID: 4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130417-18945.b\PCB4.m
Last Update: 19-Apr-2013 09:25:32 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

First Level Reviewer: hassl Date: 19-Apr-2013 08:40:41

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	1.276	0.000	4567467	0.002884			
2	2	1.684	1.683	0.001	4214334	0.002671			
						RPD = 7.68			
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	1.547	1.545	0.002	1481508	0.0546		100.0	
1	2	1.829	1.828	0.001	2737915	0.0559	156.0- 206.0	184.8	
1	3	2.220	2.219	0.001	5233409	0.0560	312.4- 362.4	353.2	
1	4	2.340	2.338	0.002	2364693	0.0564	118.7- 188.7	159.6	
1	5	2.719	2.717	0.002	2358034	0.0556	125.6- 175.6	159.2	
			Average of Peak Amounts =			0.0557			
2	6	2.147	2.145	0.002	1309957	0.0511		100.0	
2	7	2.543	2.541	0.002	2424271	0.0477	169.6- 229.6	185.1	
2	8	2.993	2.992	0.001	5216443	0.0525	351.4- 411.4	398.2	
2	9	3.132	3.130	0.002	2404009	0.0546	141.3- 201.3	183.5	
2	10	3.236	3.233	0.003	1752773	0.0512	102.5- 162.5	133.8	
			Average of Peak Amounts =			0.0514			
						RPD = 7.98			
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	3.916	3.915	0.001	3401344	0.0545		100.0	
1	2	4.202	4.201	0.001	5875308	0.0533	152.2- 202.2	172.7	
1	3	4.483	4.482	0.001	5785089	0.0537	146.4- 196.4	170.1	
1	4	5.183	5.181	0.002	6822118	0.0527	180.7- 230.7	200.6	
1	5	5.466	5.465	0.001	3594678	0.0617	64.1- 114.1	105.7	
			Average of Peak Amounts =			0.0552			
2	6	4.944	4.943	0.001	3629268	0.0528		100.0	
2	7	5.174	5.173	0.001	4403682	0.0552	87.6- 147.6	121.3	
2	8	5.541	5.540	0.001	6362209	0.0538	144.7- 204.7	175.3	
2	9	6.226	6.226	0.000	7932252	0.0544	187.7- 247.7	218.6	
2	10	6.607	6.608	-0.001	5549268	0.0574	115.0- 175.0	152.9	
			Average of Peak Amounts =			0.0547			
						RPD = 0.90			
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	6.621	6.618	0.003	4424467	0.003314			
2	2	7.843	7.842	0.001	4040570	0.002774			
						RPD = 17.73			

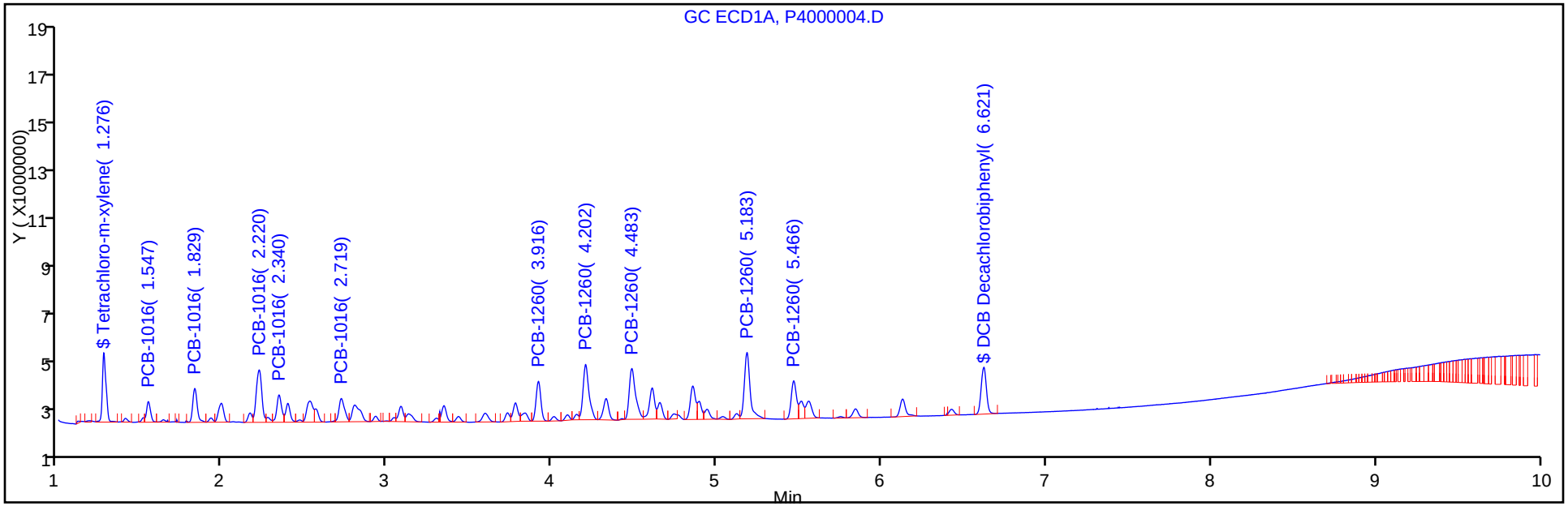
Report Date: 19-Apr-2013 09:25:35 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

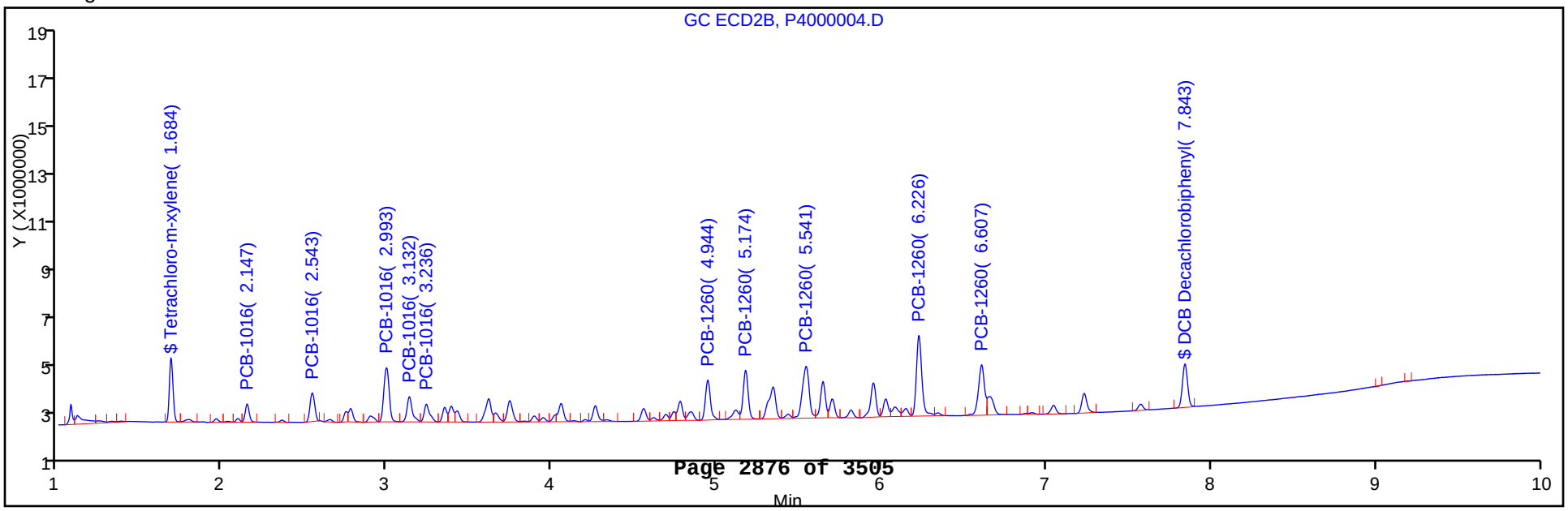
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Injection Date:	17-Apr-2013 10:11:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82267	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

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.: 240-22663-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-82267/21

Matrix: Solid Lab File ID: P4000021.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 04/17/2013 15:22

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.: 82267 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*	*0.0562*		*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*	*0.0579*		*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	133	*Q*	50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000021.D
Lims ID: MRL Client ID:
Inject. Date: 17-Apr-2013 15:22:54 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0018945-021
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 21
Lims Batch ID: 82267 Lims Sample ID: 21
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130417-18945.b\PCB4.m
Last Update: 19-Apr-2013 09:25:45 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: XAWRK027

First Level Reviewer: hassl Date: 19-Apr-2013 08:48:59

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	1.276	0.000	4631957	0.002925			
2	2	1.683	1.683	0.000	4456120	0.002824			
						RPD = 3.50			
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	1.546	0.000	1526412	0.0562		100.0	
1	2	1.827	1.827	0.000	2812756	0.0574	156.0- 206.0	184.3	
1	3	2.220	2.220	0.000	5176606	0.0554	312.4- 362.4	339.1	
1	4	2.340	2.339	0.001	2244904	0.0535	118.7- 188.7	147.1	
1	5	2.718	2.718	0.000	2469079	0.0582	125.6- 175.6	161.8	
			Average of Peak Amounts =			0.0562			
2	6	2.146	2.146	0.000	1383513	0.0539		100.0	
2	7	2.541	2.541	0.000	2854528	0.0562	169.6- 229.6	206.3	
2	8	2.993	2.993	0.000	5579159	0.0561	351.4- 411.4	403.3	
2	9	3.131	3.131	0.000	2575858	0.0585	141.3- 201.3	186.2	
2	10	3.235	3.235	0.000	1867953	0.0545	102.5- 162.5	135.0	
			Average of Peak Amounts =			0.0559			
						RPD = 0.52			
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	3.914	0.001	3549365	0.0569		100.0	
1	2	4.202	4.202	0.000	6334647	0.0575	152.2- 202.2	178.5	
1	3	4.482	4.481	0.001	6221463	0.0578	146.4- 196.4	175.3	
1	4	5.182	5.181	0.001	7065115	0.0546	180.7- 230.7	199.1	
1	5	5.467	5.466	0.001	3639850	0.0625	64.1- 114.1	102.5	
			Average of Peak Amounts =			0.0579			
2	6	4.945	4.944	0.001	3818400	0.0555		100.0	
2	7	5.174	5.173	0.001	4566965	0.0572	87.6- 147.6	119.6	
2	8	5.542	5.541	0.001	6584436	0.0557	144.7- 204.7	172.4	
2	9	6.227	6.226	0.001	8183922	0.0561	187.7- 247.7	214.3	
2	10	6.609	6.606	0.003	5737732	0.0594	115.0- 175.0	150.3	
			Average of Peak Amounts =			0.0568			
						RPD = 1.87			
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	6.620	6.619	0.001	4448734	0.003332			
2	2	7.843	7.842	0.001	4411974	0.003029			
						RPD = 9.52			

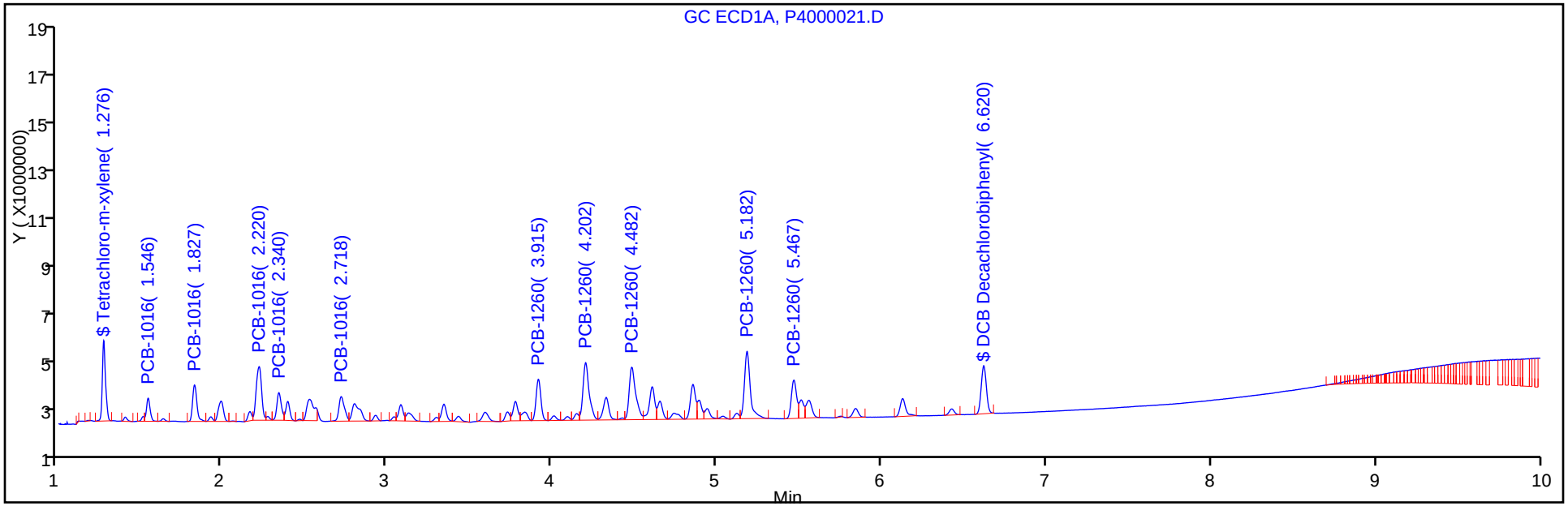
Report Date: 19-Apr-2013 09:25:46 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

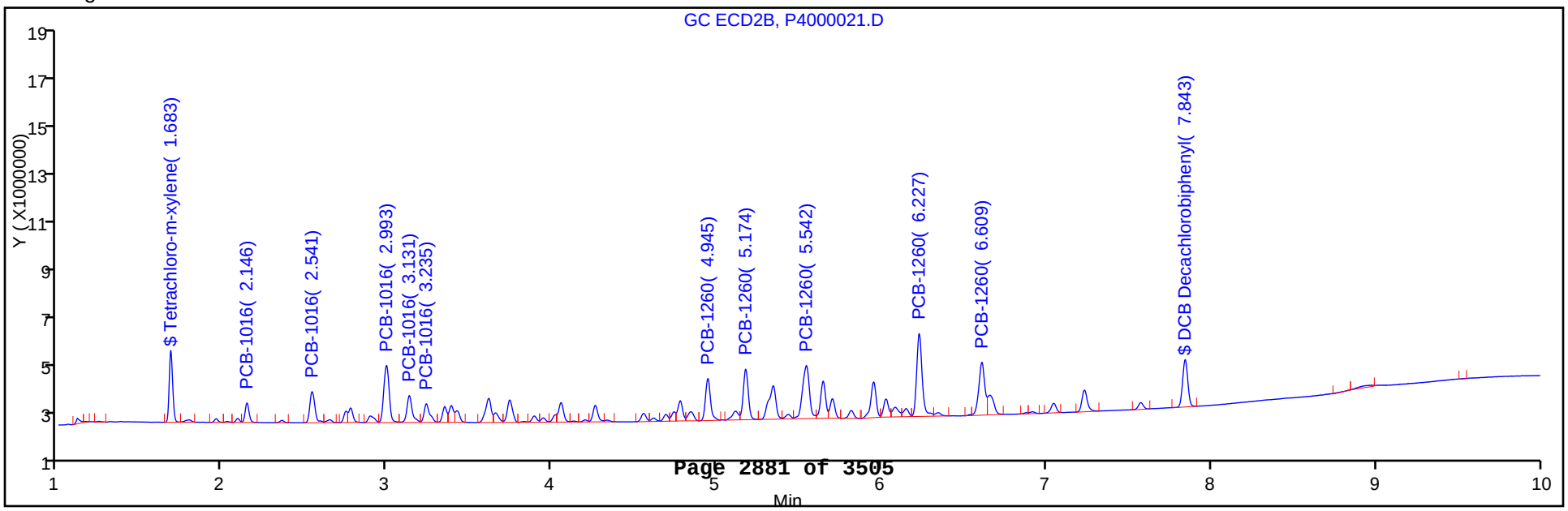
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Injection Date:	17-Apr-2013 15:22:54	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82267	Lims Sample ID:	21
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-82267/21

Matrix: Solid Lab File ID: P4000021.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 04/17/2013 15:22

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.: 82267 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	0.0568		0.050	0.00020	0.017

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	113		50-150
2051-24-3	DCB Decachlorobiphenyl	121		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000021.D
Lims ID: MRL Client ID:
Inject. Date: 17-Apr-2013 15:22:54 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0018945-021
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 21
Lims Batch ID: 82267 Lims Sample ID: 21
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130417-18945.b\PCB4.m
Last Update: 19-Apr-2013 09:25:45 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: XAWRK027

First Level Reviewer: hassl Date: 19-Apr-2013 08:48:59

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	1.276	0.000	4631957	0.002925			
2	2	1.683	1.683	0.000	4456120	0.002824			
						RPD = 3.50			
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	1.546	0.000	1526412	0.0562		100.0	
1	2	1.827	1.827	0.000	2812756	0.0574	156.0- 206.0	184.3	
1	3	2.220	2.220	0.000	5176606	0.0554	312.4- 362.4	339.1	
1	4	2.340	2.339	0.001	2244904	0.0535	118.7- 188.7	147.1	
1	5	2.718	2.718	0.000	2469079	0.0582	125.6- 175.6	161.8	
			Average of Peak Amounts =			0.0562			
2	6	2.146	2.146	0.000	1383513	0.0539		100.0	
2	7	2.541	2.541	0.000	2854528	0.0562	169.6- 229.6	206.3	
2	8	2.993	2.993	0.000	5579159	0.0561	351.4- 411.4	403.3	
2	9	3.131	3.131	0.000	2575858	0.0585	141.3- 201.3	186.2	
2	10	3.235	3.235	0.000	1867953	0.0545	102.5- 162.5	135.0	
			Average of Peak Amounts =			0.0559			
						RPD = 0.52			
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	3.914	0.001	3549365	0.0569		100.0	
1	2	4.202	4.202	0.000	6334647	0.0575	152.2- 202.2	178.5	
1	3	4.482	4.481	0.001	6221463	0.0578	146.4- 196.4	175.3	
1	4	5.182	5.181	0.001	7065115	0.0546	180.7- 230.7	199.1	
1	5	5.467	5.466	0.001	3639850	0.0625	64.1- 114.1	102.5	
			Average of Peak Amounts =			0.0579			
2	6	4.945	4.944	0.001	3818400	0.0555		100.0	
2	7	5.174	5.173	0.001	4566965	0.0572	87.6- 147.6	119.6	
2	8	5.542	5.541	0.001	6584436	0.0557	144.7- 204.7	172.4	
2	9	6.227	6.226	0.001	8183922	0.0561	187.7- 247.7	214.3	
2	10	6.609	6.606	0.003	5737732	0.0594	115.0- 175.0	150.3	
			Average of Peak Amounts =			0.0568			
						RPD = 1.87			
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	6.620	6.619	0.001	4448734	0.003332			
2	2	7.843	7.842	0.001	4411974	0.003029			
						RPD = 9.52			

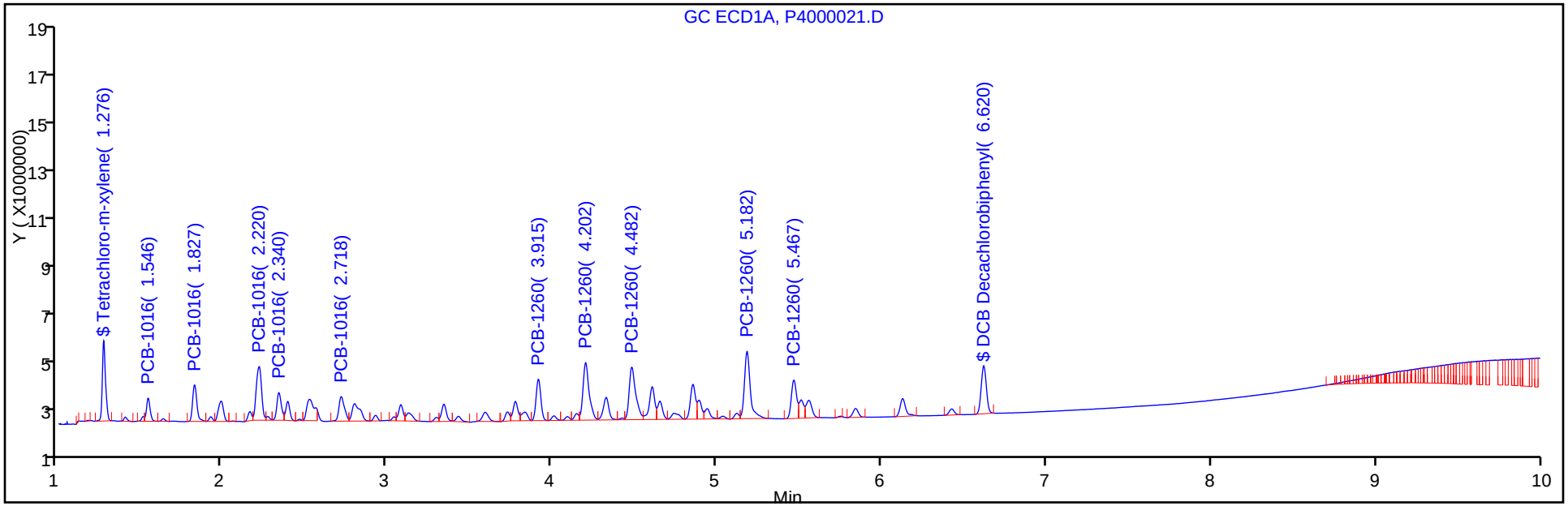
Report Date: 19-Apr-2013 09:25:46 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

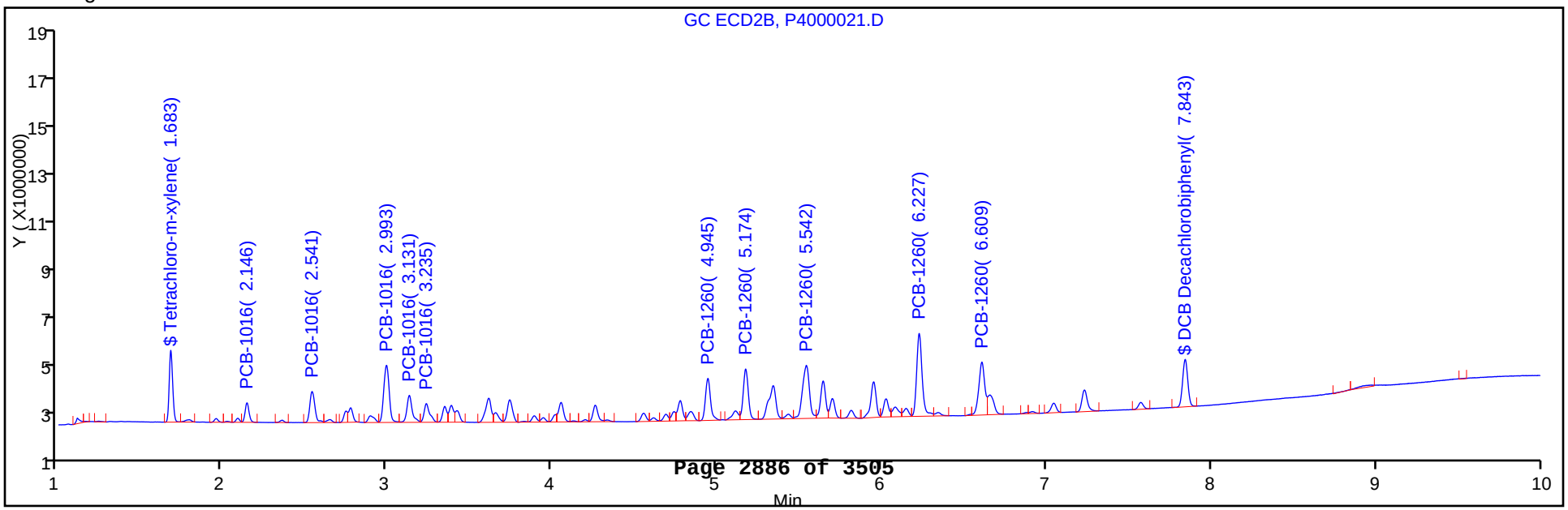
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18945.b\P4000021.D

Injection Date:	17-Apr-2013 15:22:54	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82267	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-22663-1

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			

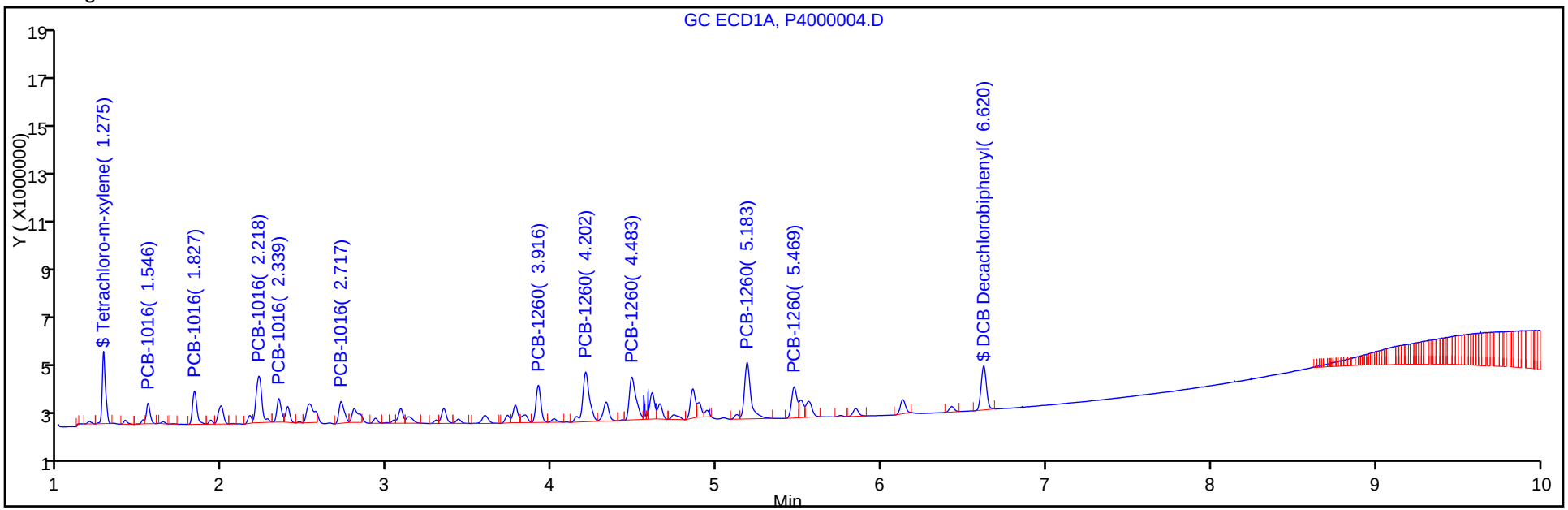
Report Date: 19-Apr-2013 14:47:58 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

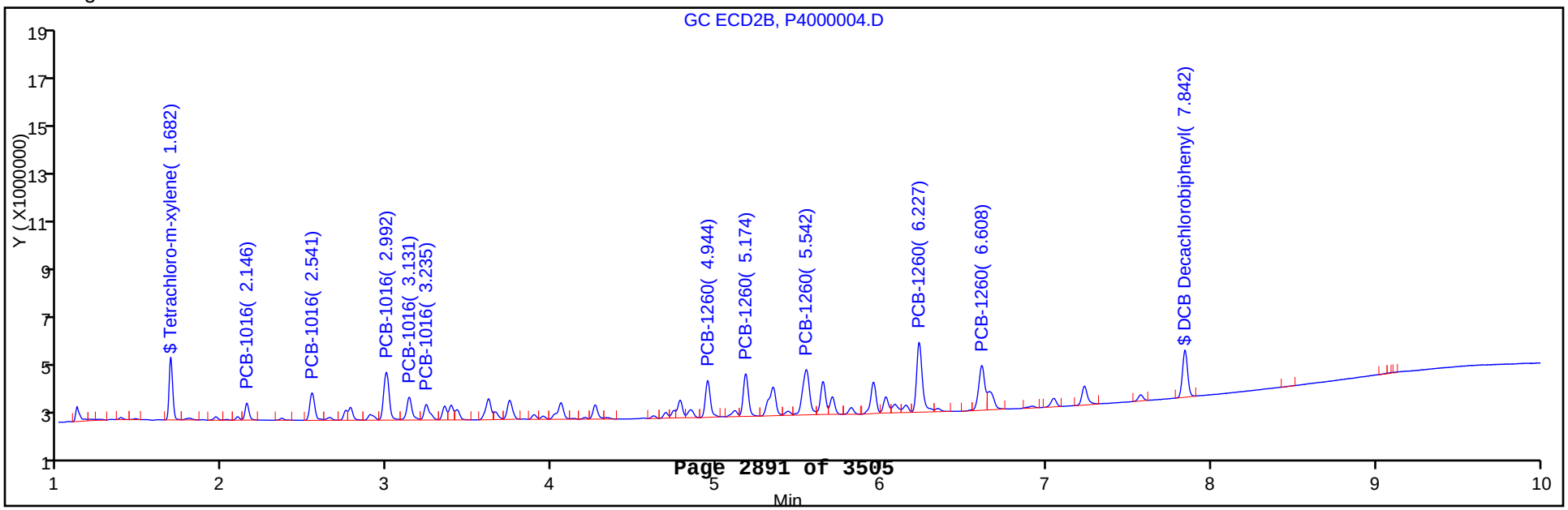
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000004.D

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.: 240-22663-1

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			

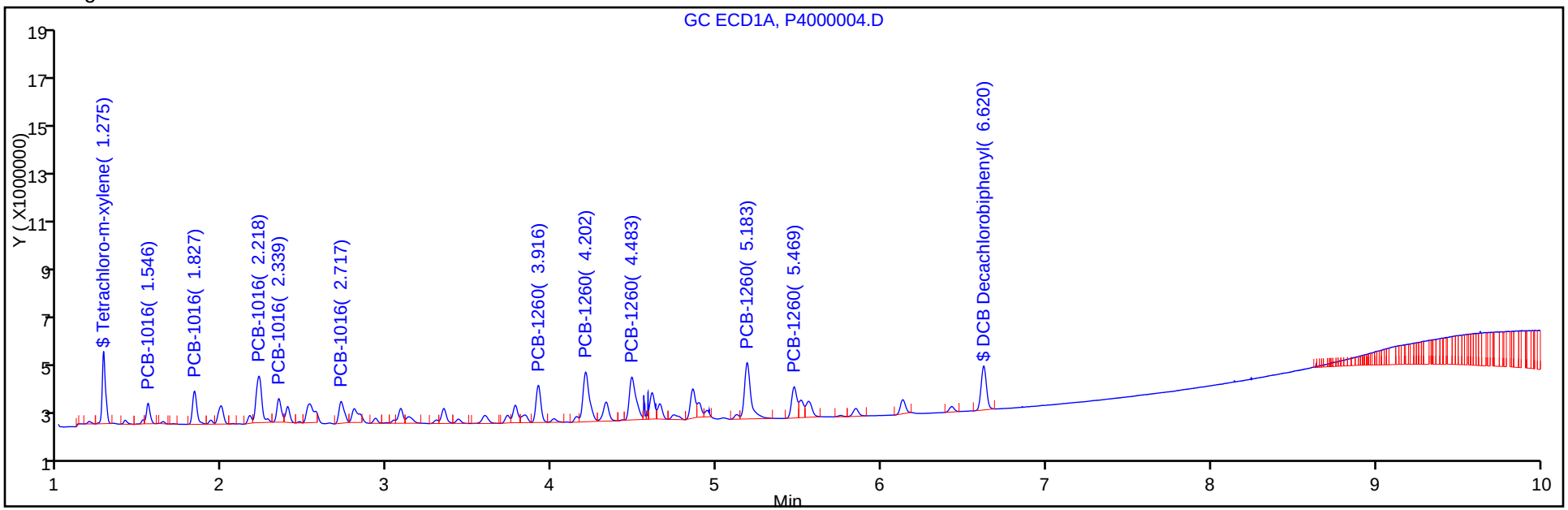
Report Date: 19-Apr-2013 14:47:59 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

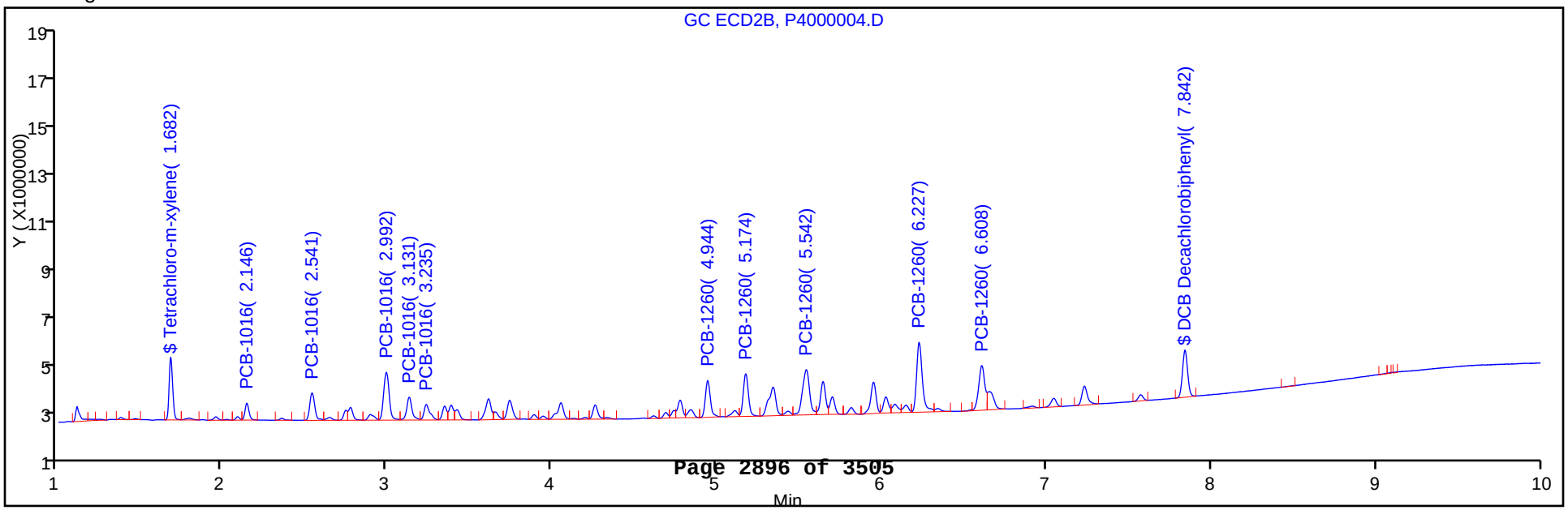
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000004.D

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.: 240-22663-1

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			

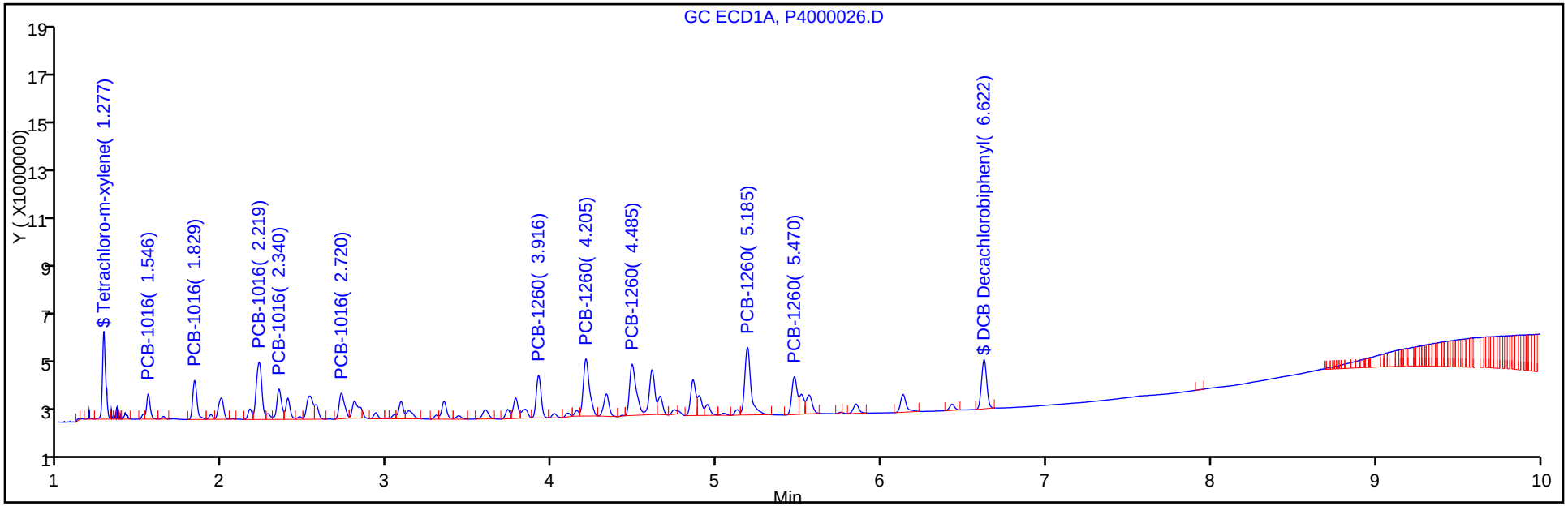
Report Date: 19-Apr-2013 14:48:01 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

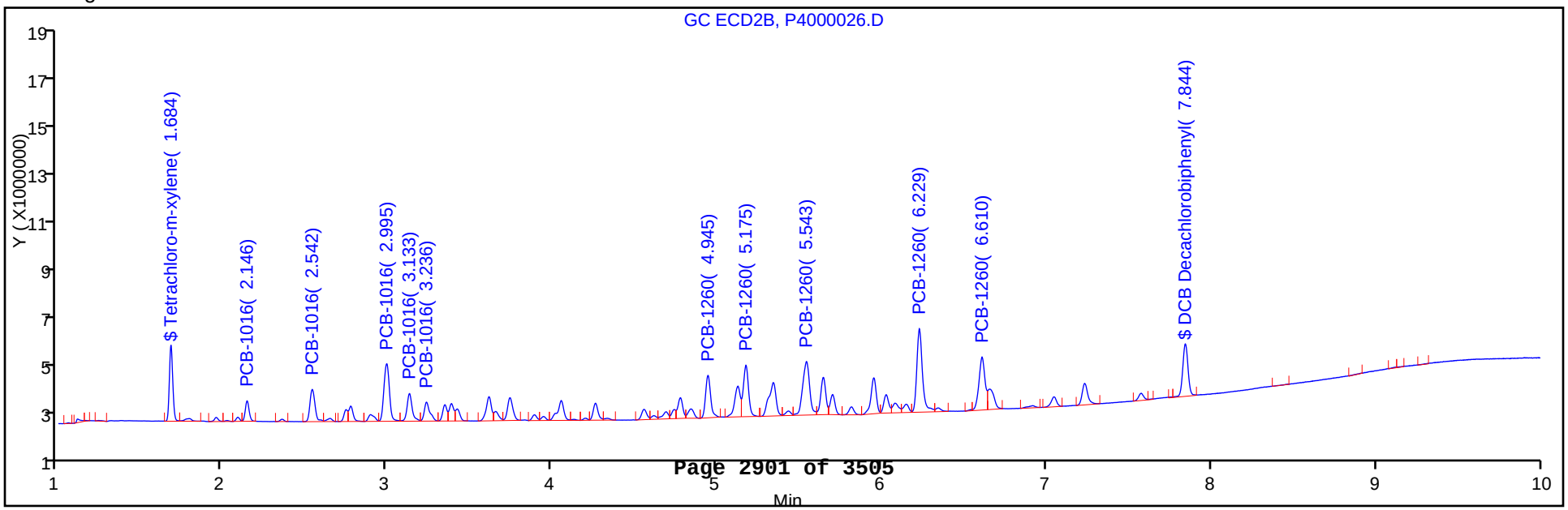
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000026.D

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.: 240-22663-1

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			

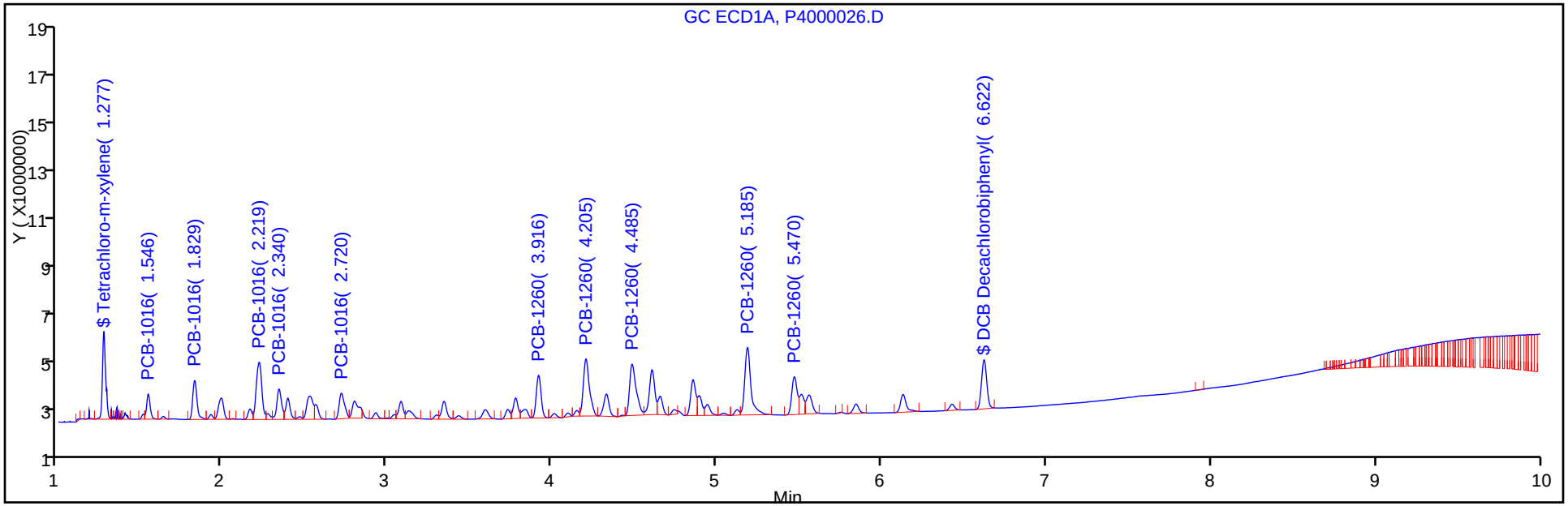
Report Date: 19-Apr-2013 14:48:02 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

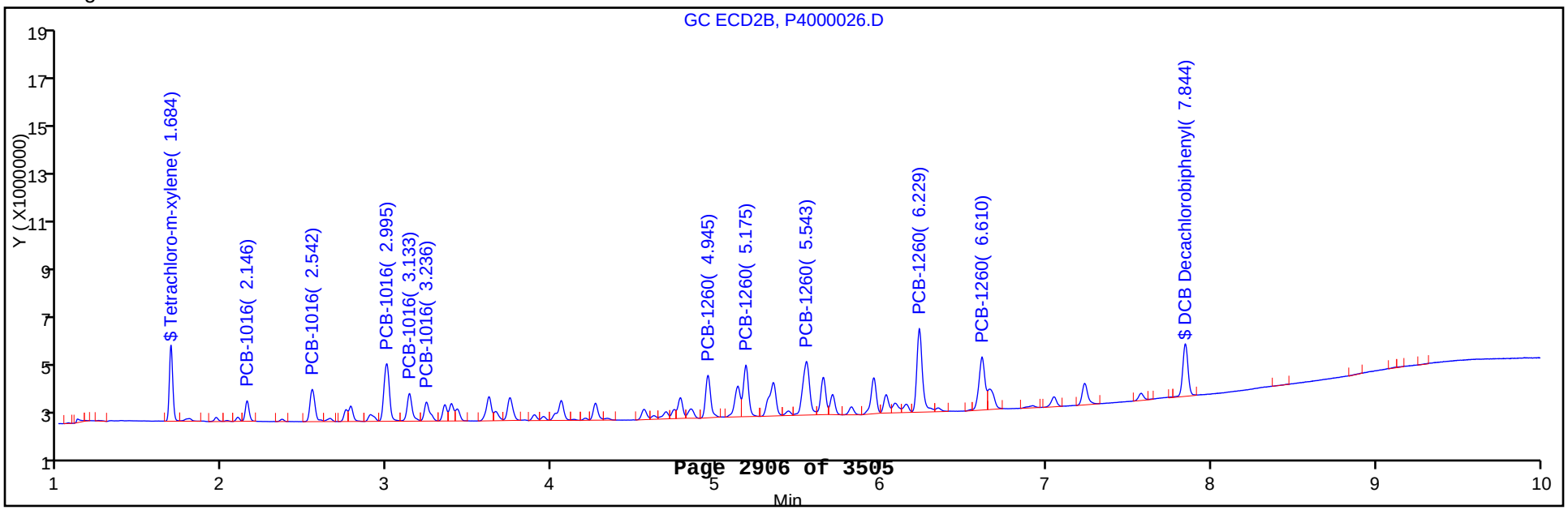
Data File: \\Ncchrom\ChromData\A2HP4\20130417-18971.b\P4000026.D

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.: 240-22663-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-82656/4

Matrix: Solid | Lab File ID: P4000004.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/19/2013 08:50

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.: 82656 | 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*	*0.0567*		*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*	*0.0559*		*0.050*	0.00020	*0.017*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	118		50-150
2051-24-3	DCB Decachlorobiphenyl	139	*Q*	50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130419-19046.b\P4000004.D
Lims ID: MRL Client ID:
Inject. Date: 19-Apr-2013 08:50:51 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0019046-004
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 4
Lims Batch ID: 82656 Lims Sample ID: 4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130419-19046.b\PCB4.m
Last Update: 19-Apr-2013 13:11:43 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 13:07:42

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	1.278	-0.001	4678094	0.002954			
2	2	1.686	1.685	0.001	4406429	0.002793			
						RPD = 5.62			
3 PCB-1221									
1	2		1.407						
1	3		1.516						
1	4		1.545						
2	4		1.958						
2	5		2.089						
2	6		2.147						
4 PCB-1232									
1	100		1.545						
1	2		1.827						
1	3		2.220						
1	4		2.340						
1	5		2.718						
2	6		2.147						
2	7		2.542						
2	8		2.994						
2	9		3.132						
2	10		3.742						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.545						
1	2		1.827						
1	3		2.220						
1	4		2.340						
1	5		2.719						
2	6		2.146						
2	7		2.542						
2	8		2.994						
2	9		3.132						
2	10		3.742						
6 PCB-1016									
1	100	1.548	1.547	0.001	1516432	0.0559		100.0	
1	2	1.830	1.828	0.002	2802039	0.0572	156.0- 206.0	184.8	
1	3	2.222	2.222	0.000	5300714	0.0567	312.4- 362.4	349.6	
1	4	2.342	2.344	-0.002	2438156	0.0581	118.7- 188.7	160.8	
1	5	2.721	2.720	0.001	2351143	0.0555	125.6- 175.6	155.0	
			Average of Peak Amounts =			0.0567			
2	6	2.148	2.148	0.000	1350606	0.0527		100.0	
2	7	2.544	2.544	0.000	2513804	0.0495	169.6- 229.6	186.1	
2	8	2.996	2.996	0.000	5358371	0.0539	351.4- 411.4	396.7	
2	9	3.134	3.134	0.000	2400645	0.0545	141.3- 201.3	177.7	
2	10	3.238	3.238	0.000	1797450	0.0525	102.5- 162.5	133.1	
			Average of Peak Amounts =			0.0526			
						RPD = 7.42			
7 PCB-1248									
1	86		1.826						
1	2		2.217						
1	3		2.717						
1	4		3.298						
1	5		3.729						
2	6		2.540						
2	7		2.992						
2	8		3.742						
2	9		4.018						
2	10		4.738						
8 PCB-1254									
1	100		3.342						
1	2		3.730						
1	3		4.014						
1	4		4.202						
1	5		4.486						
2	6		4.262						
2	7		4.739						
2	8		4.986						
2	9		5.346						
2	10		5.547						

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	3548214	0.0569		100.0	
1	2	4.207	4.206	0.001	6231616	0.0566	152.2- 202.2	175.6	
1	3	4.488	4.488	0.000	5911628	0.0549	146.4- 196.4	166.6	
1	4	5.189	5.190	-0.001	6994915	0.0541	180.7- 230.7	197.1	
1	5	5.475	5.473	0.002	3337163	0.0573	64.1- 114.1	94.1	
			Average of Peak Amounts =			0.0559			
2	6	4.948	4.948	0.000	3733214	0.0543		100.0	
2	7	5.179	5.178	0.001	4417877	0.0553	87.6- 147.6	118.3	
2	8	5.547	5.546	0.001	6459552	0.0547	144.7- 204.7	173.0	
2	9	6.232	6.231	0.001	8030616	0.0551	187.7- 247.7	215.1	
2	10	6.614	6.611	0.003	5529649	0.0572	115.0- 175.0	148.1	
			Average of Peak Amounts =			0.0553			
						RPD = 1.14			
9 PCB-1262									
1	100		4.207						
1	2		4.608						
1	3		4.856						
1	4		5.185						
1	5		5.559						
2	6		5.176						
2	7		5.646						
2	8		5.953						
2	9		6.230						
2	10		6.608						
11 PCB-1268									
1	100		5.515						
1	2		5.553						
1	3		5.753						
1	4		6.132						
1	5		6.428						
2	6		6.605						
2	7		6.654						
2	8		6.917						
2	9		7.233						
2	10		7.575						
$ 12 DCB Decachlorobiphenyl									
1	100	6.626	6.625	0.001	4652104	0.003484			
2	2	7.848	7.847	0.001	4889095	0.003356			
						RPD = 3.73			

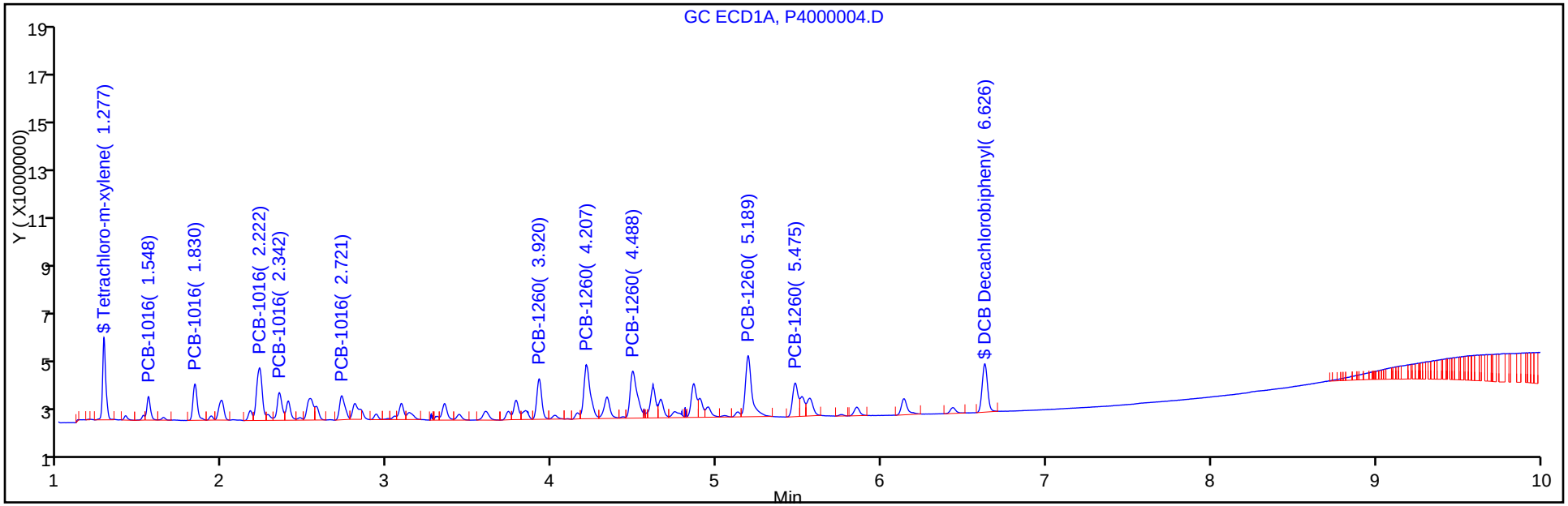
Report Date: 19-Apr-2013 13:11:45 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

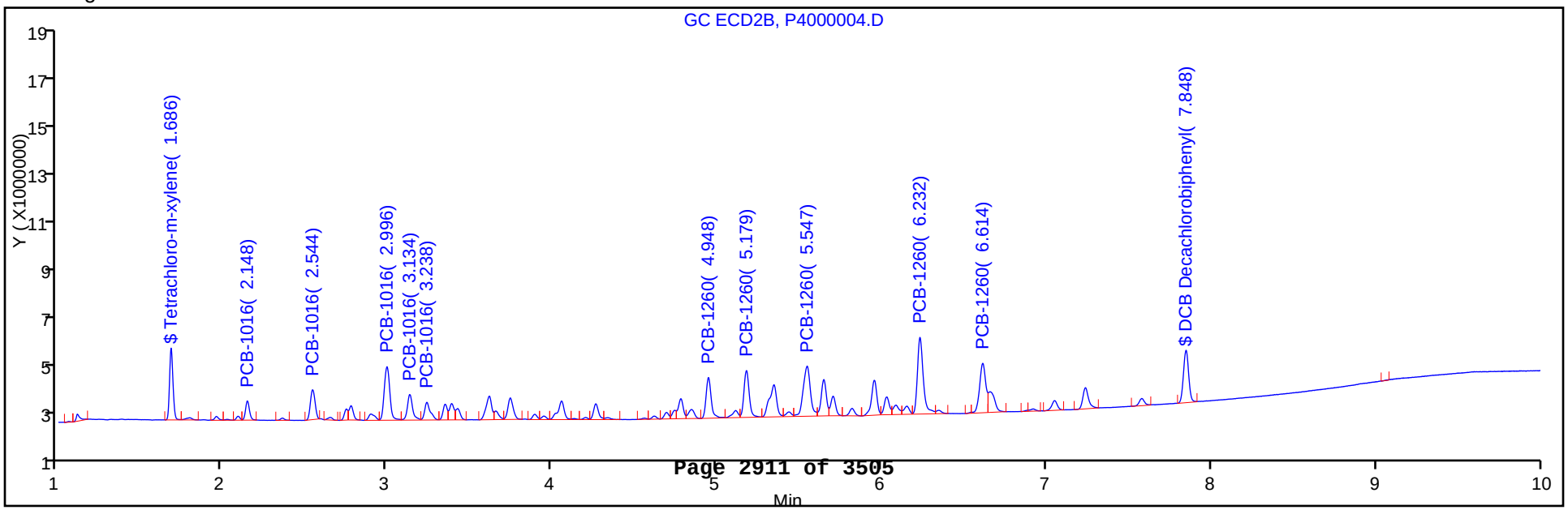
Data File: \\Ncchrom\ChromData\A2HP4\20130419-19046.b\P4000004.D

Injection Date:	19-Apr-2013 08:50:51	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82656	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.: 240-22663-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-82656/4

Matrix: Solid Lab File ID: P4000004.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 04/19/2013 08:50

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.: 82656 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	0.0526		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	0.0553		0.050	0.00020	0.017

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	112		50-150
2051-24-3	DCB Decachlorobiphenyl	134	Q	50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130419-19046.b\P4000004.D
Lims ID: MRL Client ID:
Inject. Date: 19-Apr-2013 08:50:51 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0019046-004
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 4
Lims Batch ID: 82656 Lims Sample ID: 4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130419-19046.b\PCB4.m
Last Update: 19-Apr-2013 13:11:43 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 13:07:42

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	1.278	-0.001	4678094	0.002954			
2	2	1.686	1.685	0.001	4406429	0.002793			
						RPD = 5.62			
3 PCB-1221									
1	2		1.407						
1	3		1.516						
1	4		1.545						
2	4		1.958						
2	5		2.089						
2	6		2.147						
4 PCB-1232									
1	100		1.545						
1	2		1.827						
1	3		2.220						
1	4		2.340						
1	5		2.718						
2	6		2.147						
2	7		2.542						
2	8		2.994						
2	9		3.132						
2	10		3.742						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.545						
1	2		1.827						
1	3		2.220						
1	4		2.340						
1	5		2.719						
2	6		2.146						
2	7		2.542						
2	8		2.994						
2	9		3.132						
2	10		3.742						
6 PCB-1016									
1	100	1.548	1.547	0.001	1516432	0.0559		100.0	
1	2	1.830	1.828	0.002	2802039	0.0572	156.0- 206.0	184.8	
1	3	2.222	2.222	0.000	5300714	0.0567	312.4- 362.4	349.6	
1	4	2.342	2.344	-0.002	2438156	0.0581	118.7- 188.7	160.8	
1	5	2.721	2.720	0.001	2351143	0.0555	125.6- 175.6	155.0	
			Average of Peak Amounts =			0.0567			
2	6	2.148	2.148	0.000	1350606	0.0527		100.0	
2	7	2.544	2.544	0.000	2513804	0.0495	169.6- 229.6	186.1	
2	8	2.996	2.996	0.000	5358371	0.0539	351.4- 411.4	396.7	
2	9	3.134	3.134	0.000	2400645	0.0545	141.3- 201.3	177.7	
2	10	3.238	3.238	0.000	1797450	0.0525	102.5- 162.5	133.1	
			Average of Peak Amounts =			0.0526			
						RPD = 7.42			
7 PCB-1248									
1	86		1.826						
1	2		2.217						
1	3		2.717						
1	4		3.298						
1	5		3.729						
2	6		2.540						
2	7		2.992						
2	8		3.742						
2	9		4.018						
2	10		4.738						
8 PCB-1254									
1	100		3.342						
1	2		3.730						
1	3		4.014						
1	4		4.202						
1	5		4.486						
2	6		4.262						
2	7		4.739						
2	8		4.986						
2	9		5.346						
2	10		5.547						

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	3548214	0.0569		100.0	
1	2	4.207	4.206	0.001	6231616	0.0566	152.2- 202.2	175.6	
1	3	4.488	4.488	0.000	5911628	0.0549	146.4- 196.4	166.6	
1	4	5.189	5.190	-0.001	6994915	0.0541	180.7- 230.7	197.1	
1	5	5.475	5.473	0.002	3337163	0.0573	64.1- 114.1	94.1	
			Average of Peak Amounts =			0.0559			
2	6	4.948	4.948	0.000	3733214	0.0543		100.0	
2	7	5.179	5.178	0.001	4417877	0.0553	87.6- 147.6	118.3	
2	8	5.547	5.546	0.001	6459552	0.0547	144.7- 204.7	173.0	
2	9	6.232	6.231	0.001	8030616	0.0551	187.7- 247.7	215.1	
2	10	6.614	6.611	0.003	5529649	0.0572	115.0- 175.0	148.1	
			Average of Peak Amounts =			0.0553			
						RPD = 1.14			
9 PCB-1262									
1	100		4.207						
1	2		4.608						
1	3		4.856						
1	4		5.185						
1	5		5.559						
2	6		5.176						
2	7		5.646						
2	8		5.953						
2	9		6.230						
2	10		6.608						
11 PCB-1268									
1	100		5.515						
1	2		5.553						
1	3		5.753						
1	4		6.132						
1	5		6.428						
2	6		6.605						
2	7		6.654						
2	8		6.917						
2	9		7.233						
2	10		7.575						
$ 12 DCB Decachlorobiphenyl									
1	100	6.626	6.625	0.001	4652104	0.003484			
2	2	7.848	7.847	0.001	4889095	0.003356			
						RPD = 3.73			

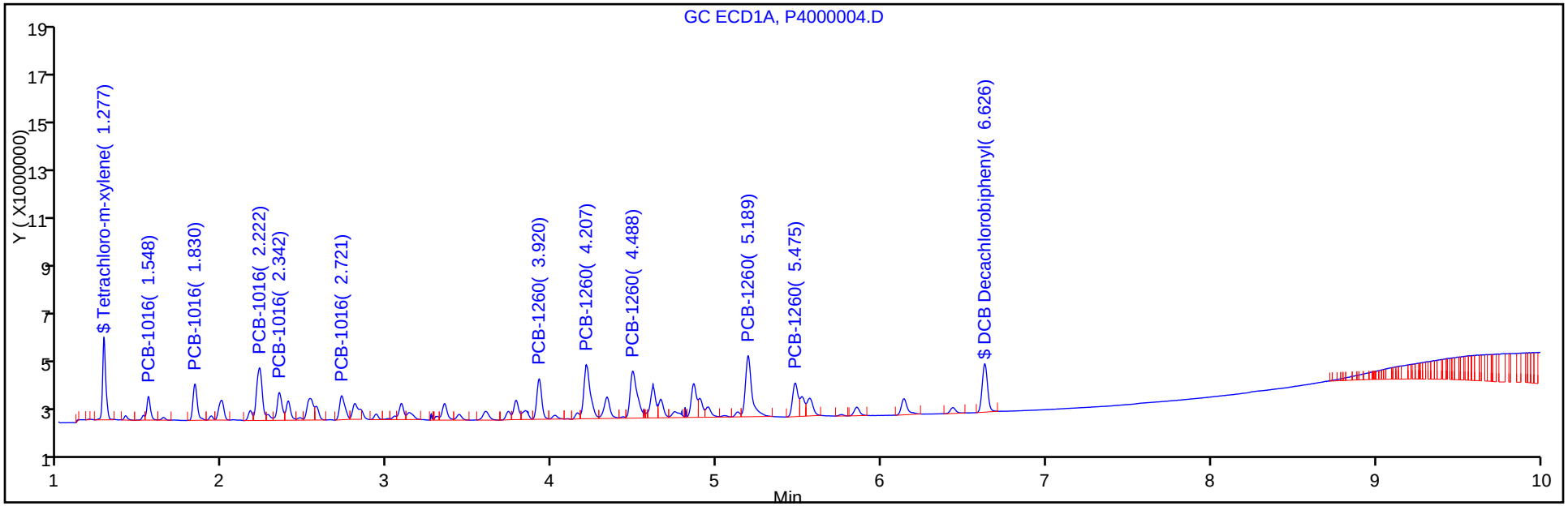
Report Date: 19-Apr-2013 13:11:45 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

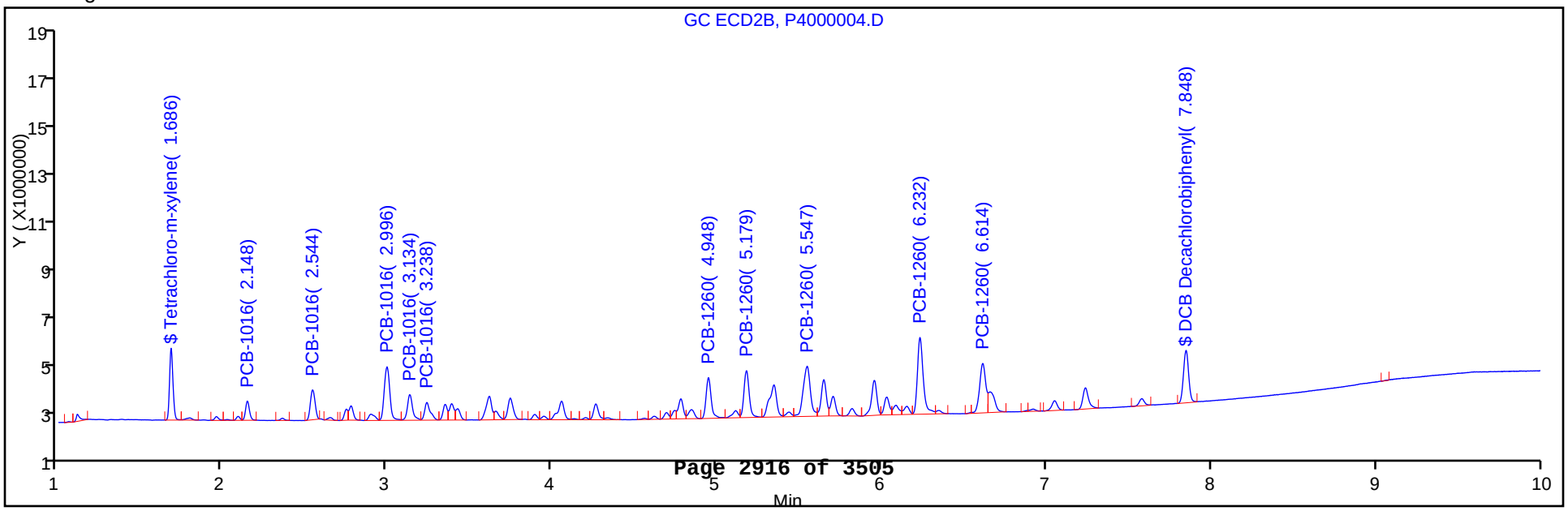
Data File: \\Ncchrom\ChromData\A2HP4\20130419-19046.b\P4000004.D

Injection Date:	19-Apr-2013 08:50:51	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82656	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.: 240-22663-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-82656/7

Matrix: Solid | Lab File ID: P4000007.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/19/2013 09:37

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.: 82656 | 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*	*0.0525*		*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*	*0.0536*		*0.050*	0.00020	*0.017*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	121		50-150
2051-24-3	DCB Decachlorobiphenyl	143	*Q*	50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130419-19046.b\P4000007.D
Lims ID: MRL Client ID:
Inject. Date: 19-Apr-2013 09:37:43 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0019046-007
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 7
Lims Batch ID: 82656 Lims Sample ID: 7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130419-19046.b\PCB4.m
Last Update: 19-Apr-2013 13:11:49 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 13:11:17

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	1.278	1.278	0.000	4800807	0.003032			
2	2	1.686	1.686	0.000	4498465	0.002851			
						RPD = 6.14			
3 PCB-1221									
1	2		1.407						
1	3		1.516						
1	4		1.545						
2	4		1.958						
2	5		2.089						
2	6		2.147						
4 PCB-1232									
1	100		1.545						
1	2		1.827						
1	3		2.220						
1	4		2.340						
1	5		2.718						
2	6		2.147						
2	7		2.542						
2	8		2.994						
2	9		3.132						
2	10		3.742						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.545						
1	2		1.827						
1	3		2.220						
1	4		2.340						
1	5		2.719						
2	6		2.146						
2	7		2.542						
2	8		2.994						
2	9		3.132						
2	10		3.742						
6 PCB-1016									
1	100	1.548	1.548	0.000	1503379	0.0554		100.0	
1	2	1.830	1.830	0.000	2880599	0.0588	156.0- 206.0	191.6	
1	3	2.223	2.223	0.000	5029165	0.0538	312.4- 362.4	334.5	
1	4	2.343	2.343	0.000	2094641	0.0499	118.7- 188.7	139.3	
1	5	2.721	2.721	0.000	1896371	0.0447	125.6- 175.6	126.1	
			Average of Peak Amounts =			0.0525			
2	6	2.148	2.148	0.000	1445926	0.0564		100.0	
2	7	2.543	2.543	0.000	2803512	0.0552	169.6- 229.6	193.9	
2	8	2.995	2.995	0.000	5377197	0.0541	351.4- 411.4	371.9	
2	9	3.134	3.134	0.000	2392730	0.0544	141.3- 201.3	165.5	
2	10	3.239	3.239	0.000	1840111	0.0537	102.5- 162.5	127.3	
			Average of Peak Amounts =			0.0548			
						RPD = 4.13			
7 PCB-1248									
1	86		1.826						
1	2		2.217						
1	3		2.717						
1	4		3.298						
1	5		3.729						
2	6		2.540						
2	7		2.992						
2	8		3.742						
2	9		4.018						
2	10		4.738						
8 PCB-1254									
1	100		3.342						
1	2		3.730						
1	3		4.014						
1	4		4.202						
1	5		4.486						
2	6		4.262						
2	7		4.739						
2	8		4.986						
2	9		5.346						
2	10		5.547						

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	3668150	0.0588		100.0	
1	2	4.208	4.208	0.000	6058214	0.0550	152.2- 202.2	165.2	
1	3	4.488	4.488	0.000	5561467	0.0517	146.4- 196.4	151.6	
1	4	5.190	5.190	0.000	5836488	0.0451	180.7- 230.7	159.1	
1	5	5.475	5.475	0.000	3347375	0.0575	64.1- 114.1	91.3	
			Average of Peak Amounts =			0.0536			
2	6	4.949	4.949	0.000	3776651	0.0549		100.0	
2	7	5.178	5.178	0.000	4362843	0.0547	87.6- 147.6	115.5	
2	8	5.547	5.547	0.000	6467604	0.0547	144.7- 204.7	171.3	
2	9	6.234	6.234	0.000	8206509	0.0563	187.7- 247.7	217.3	
2	10	6.613	6.613	0.000	5666942	0.0586	115.0- 175.0	150.1	
			Average of Peak Amounts =			0.0558			
						RPD = 4.08			
9 PCB-1262									
1	100		4.207						
1	2		4.608						
1	3		4.856						
1	4		5.185						
1	5		5.559						
2	6		5.176						
2	7		5.646						
2	8		5.953						
2	9		6.230						
2	10		6.608						
11 PCB-1268									
1	100		5.515						
1	2		5.553						
1	3		5.753						
1	4		6.132						
1	5		6.428						
2	6		6.605						
2	7		6.654						
2	8		6.917						
2	9		7.233						
2	10		7.575						
$ 12 DCB Decachlorobiphenyl									
1	100	6.627	6.627	0.000	4774869	0.003576			
2	2	7.849	7.849	0.000	5039675	0.003460			
						RPD = 3.30			

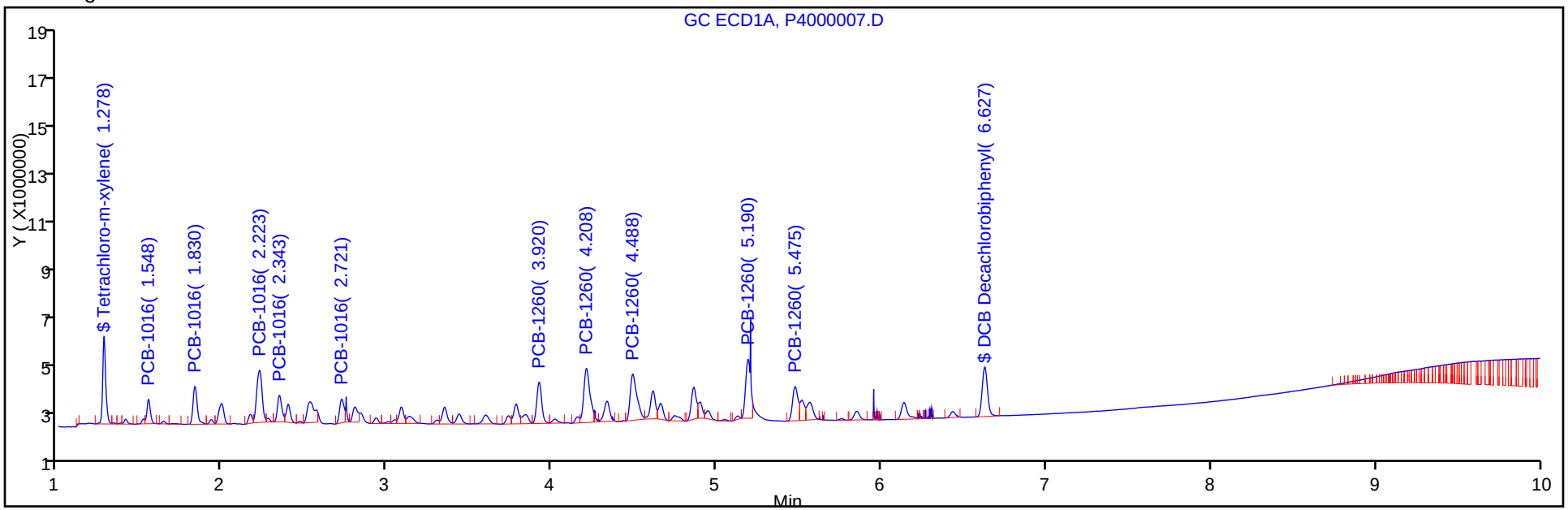
Report Date: 19-Apr-2013 13:11:49 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

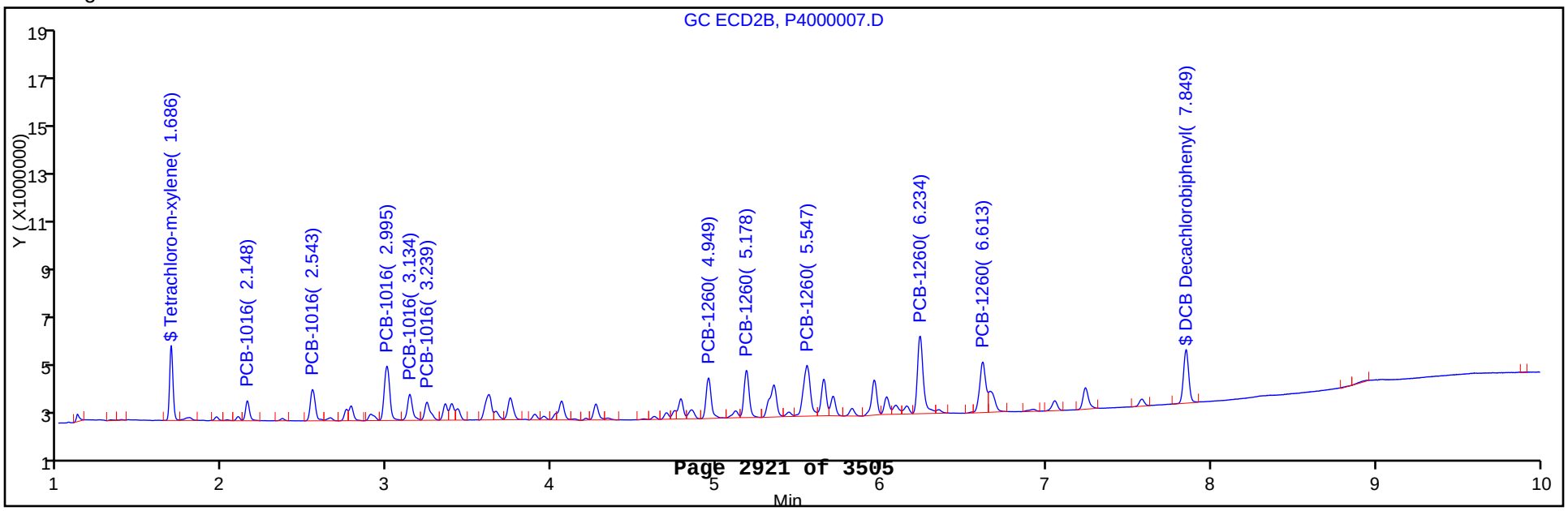
Data File: \\Ncchrom\ChromData\A2HP4\20130419-19046.b\P4000007.D

Injection Date:	19-Apr-2013 09:37:43	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82656	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.: 240-22663-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-82656/7

Matrix: Solid Lab File ID: P4000007.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 04/19/2013 09:37

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.: 82656 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	0.0548		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	0.0558		0.050	0.00020	0.017

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	114		50-150
2051-24-3	DCB Decachlorobiphenyl	138	Q	50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130419-19046.b\P4000007.D
Lims ID: MRL Client ID:
Inject. Date: 19-Apr-2013 09:37:43 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0019046-007
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 7
Lims Batch ID: 82656 Lims Sample ID: 7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130419-19046.b\PCB4.m
Last Update: 19-Apr-2013 13:11:49 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 13:11:17

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	1.278	1.278	0.000	4800807	0.003032			
2	2	1.686	1.686	0.000	4498465	0.002851			
						RPD = 6.14			
3 PCB-1221									
1	2		1.407						
1	3		1.516						
1	4		1.545						
2	4		1.958						
2	5		2.089						
2	6		2.147						
4 PCB-1232									
1	100		1.545						
1	2		1.827						
1	3		2.220						
1	4		2.340						
1	5		2.718						
2	6		2.147						
2	7		2.542						
2	8		2.994						
2	9		3.132						
2	10		3.742						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.545						
1	2		1.827						
1	3		2.220						
1	4		2.340						
1	5		2.719						
2	6		2.146						
2	7		2.542						
2	8		2.994						
2	9		3.132						
2	10		3.742						
6 PCB-1016									
1	100	1.548	1.548	0.000	1503379	0.0554		100.0	
1	2	1.830	1.830	0.000	2880599	0.0588	156.0- 206.0	191.6	
1	3	2.223	2.223	0.000	5029165	0.0538	312.4- 362.4	334.5	
1	4	2.343	2.343	0.000	2094641	0.0499	118.7- 188.7	139.3	
1	5	2.721	2.721	0.000	1896371	0.0447	125.6- 175.6	126.1	
			Average of Peak Amounts =			0.0525			
2	6	2.148	2.148	0.000	1445926	0.0564		100.0	
2	7	2.543	2.543	0.000	2803512	0.0552	169.6- 229.6	193.9	
2	8	2.995	2.995	0.000	5377197	0.0541	351.4- 411.4	371.9	
2	9	3.134	3.134	0.000	2392730	0.0544	141.3- 201.3	165.5	
2	10	3.239	3.239	0.000	1840111	0.0537	102.5- 162.5	127.3	
			Average of Peak Amounts =			0.0548			
						RPD = 4.13			
7 PCB-1248									
1	86		1.826						
1	2		2.217						
1	3		2.717						
1	4		3.298						
1	5		3.729						
2	6		2.540						
2	7		2.992						
2	8		3.742						
2	9		4.018						
2	10		4.738						
8 PCB-1254									
1	100		3.342						
1	2		3.730						
1	3		4.014						
1	4		4.202						
1	5		4.486						
2	6		4.262						
2	7		4.739						
2	8		4.986						
2	9		5.346						
2	10		5.547						

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	3668150	0.0588		100.0	
1	2	4.208	4.208	0.000	6058214	0.0550	152.2- 202.2	165.2	
1	3	4.488	4.488	0.000	5561467	0.0517	146.4- 196.4	151.6	
1	4	5.190	5.190	0.000	5836488	0.0451	180.7- 230.7	159.1	
1	5	5.475	5.475	0.000	3347375	0.0575	64.1- 114.1	91.3	
			Average of Peak Amounts =			0.0536			
2	6	4.949	4.949	0.000	3776651	0.0549		100.0	
2	7	5.178	5.178	0.000	4362843	0.0547	87.6- 147.6	115.5	
2	8	5.547	5.547	0.000	6467604	0.0547	144.7- 204.7	171.3	
2	9	6.234	6.234	0.000	8206509	0.0563	187.7- 247.7	217.3	
2	10	6.613	6.613	0.000	5666942	0.0586	115.0- 175.0	150.1	
			Average of Peak Amounts =			0.0558			
						RPD = 4.08			
9 PCB-1262									
1	100		4.207						
1	2		4.608						
1	3		4.856						
1	4		5.185						
1	5		5.559						
2	6		5.176						
2	7		5.646						
2	8		5.953						
2	9		6.230						
2	10		6.608						
11 PCB-1268									
1	100		5.515						
1	2		5.553						
1	3		5.753						
1	4		6.132						
1	5		6.428						
2	6		6.605						
2	7		6.654						
2	8		6.917						
2	9		7.233						
2	10		7.575						
$ 12 DCB Decachlorobiphenyl									
1	100	6.627	6.627	0.000	4774869	0.003576			
2	2	7.849	7.849	0.000	5039675	0.003460			
						RPD = 3.30			

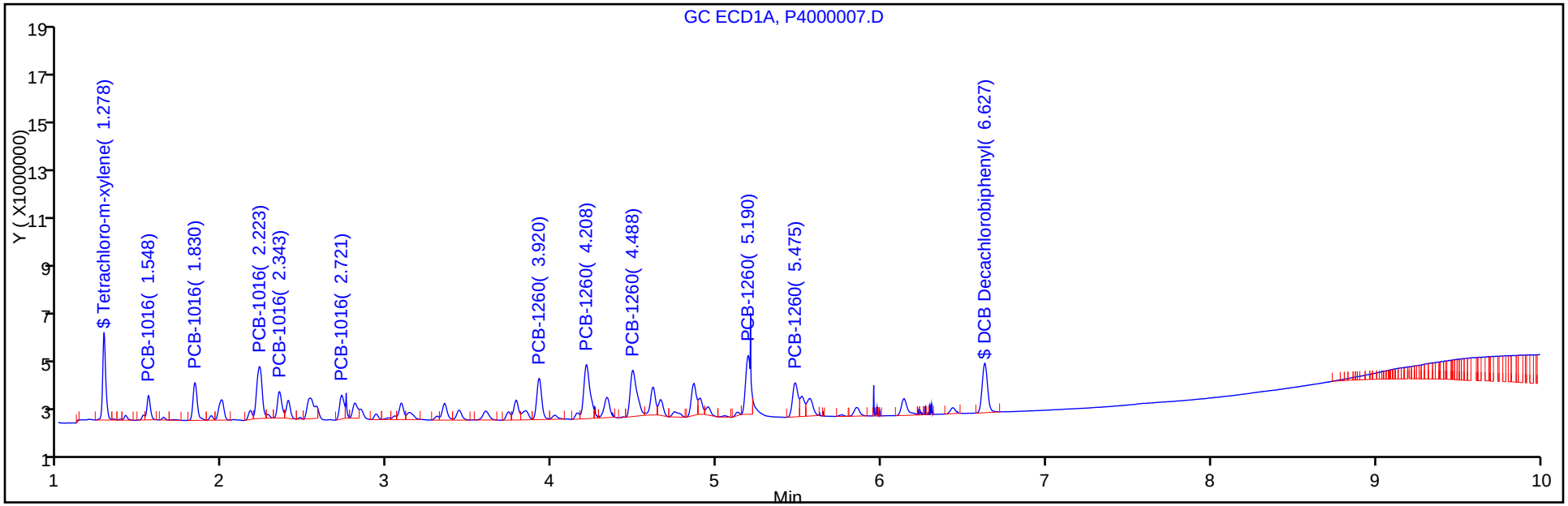
Report Date: 19-Apr-2013 13:11:49 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

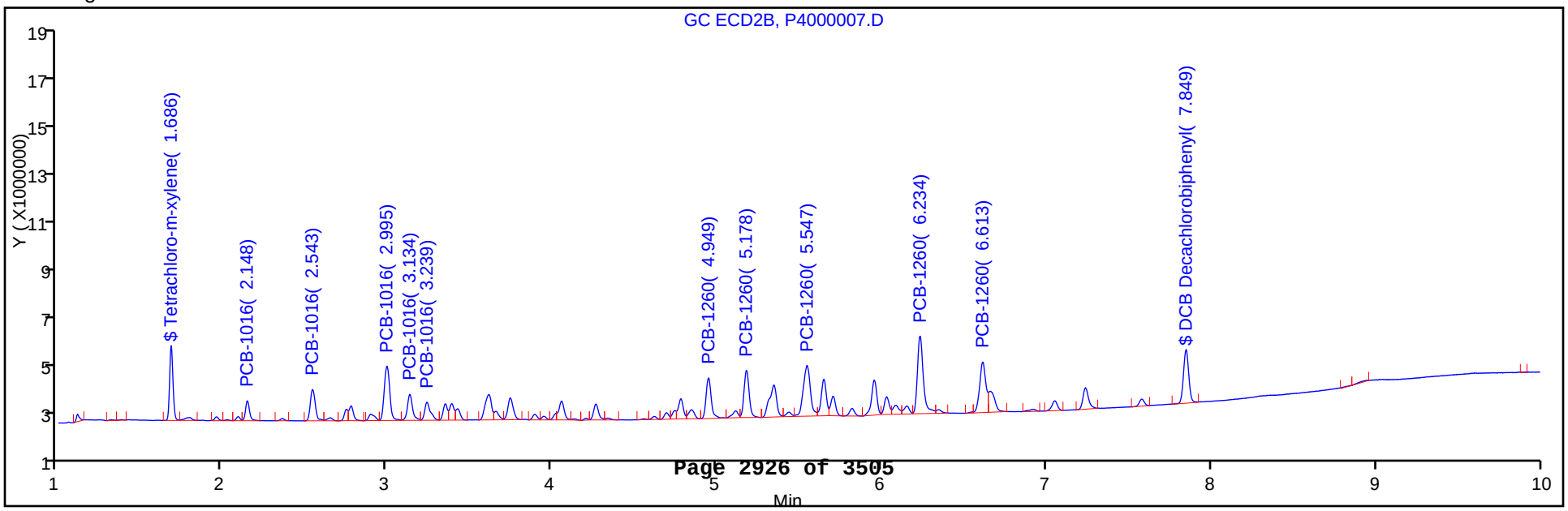
Data File: \\Ncchrom\ChromData\A2HP4\20130419-19046.b\P4000007.D

Injection Date:	19-Apr-2013 09:37:43	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	82656	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.: 240-22663-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-83996/4

Matrix: Solid Lab File ID: P4000004.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 04/29/2013 08:34

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.: 83996 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*	*0.0432*	*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*	*0.0332*	*J ^*	*0.050*	0.00020	*0.017*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	105		50-150
2051-24-3	DCB Decachlorobiphenyl	107		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\P4000004.D
Lims ID: MRL Client ID:
Inject. Date: 29-Apr-2013 08:34:05 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0019366-004
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 4
Lims Batch ID: 83996 Lims Sample ID: 4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\PCB4.m
Last Update: 29-Apr-2013 15:57:20 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: XAWRK031

First Level Reviewer: hassl Date: 29-Apr-2013 15:54:19

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	1.291	1.291	0.000	4166553	0.002631			
2	2	1.702	1.700	0.002	3705226	0.002348			
						RPD = 11.36			
3 PCB-1221									
1	2		1.417						
1	3		1.526						
1	4		1.556						
2	4		1.971						
2	5		2.102						
2	6		2.160						
5 PCB-1242									
1	100		1.554						
1	2		1.838						
1	3		2.232						
1	4		2.352						
1	5		2.730						
2	6		2.157						
2	7		2.554						
2	8		3.008						
2	9		3.145						
2	10		3.756						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.555						
1	2		1.837						
1	3		2.230						
1	4		2.351						
1	5		2.730						
2	6		2.157						
2	7		2.554						
2	8		3.006						
2	9		3.145						
2	10		3.755						
6 PCB-1016									
1	100	1.563	1.562	0.001	1351645	0.0498		100.0	
1	2	1.847	1.846	0.001	2492769	0.0509	156.0- 206.0	184.4	
1	3	2.242	2.241	0.001	3943005	0.0422	312.4- 362.4	291.7	
1	4	2.363	2.361	0.002	1399045	0.0333	118.7- 188.7	103.5	
1	5	2.742	2.741	0.001	1687885	0.0398	125.6- 175.6	124.9	
			Average of Peak Amounts =			0.0432			
2	6	2.166	2.165	0.001	1123810	0.0438		100.0	
2	7	2.563	2.561	0.002	2304886	0.0454	169.6- 229.6	205.1	
2	8	3.018	3.016	0.002	4244584	0.0427	351.4- 411.4	377.7	
2	9	3.156	3.155	0.001	2004687	0.0455	141.3- 201.3	178.4	
2	10	3.261	3.259	0.002	1505326	0.0439	102.5- 162.5	133.9	
			Average of Peak Amounts =			0.0443			
						RPD = 2.45			
7 PCB-1248									
1	86		1.838						
1	2		2.230						
1	3		2.731						
1	4		3.311						
1	5		3.742						
2	6		2.553						
2	7		3.005						
2	8		3.755						
2	9		4.031						
2	10		4.753						
8 PCB-1254									M
1	100		3.356						
1	2		3.742						
1	3		4.029						
1	4		4.216						
1	5		4.499						
2	6		4.276						
2	7		4.753						
2	8		5.001						
2	9		5.360						
2	10		5.561						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									M
1	100	3.943	3.941	0.002	2836995	0.0455		100.0	
1	2	4.244	4.231	0.013	4148727	0.0377	152.2- 202.2	146.2	M
1	3	4.513	4.516	-0.003	4061161	0.0377	146.4- 196.4	143.2	M
1	4	5.218	5.215	0.003	4174790	0.0323	180.7- 230.7	147.2	M
1	5	5.503	5.506	-0.003	753302	0.0129	64.1- 114.1	26.6	M
			Average of Peak Amounts =			0.0332			
2	6	4.971	4.969	0.002	2923988	0.0425		100.0	
2	7	5.203	5.201	0.002	3524137	0.0441	87.6- 147.6	120.5	
2	8	5.572	5.570	0.002	4692544	0.0397	144.7- 204.7	160.5	
2	9	6.259	6.256	0.003	5892904	0.0404	187.7- 247.7	201.5	
2	10	6.639	6.636	0.003	5293120	0.0548	115.0- 175.0	181.0	M
			Average of Peak Amounts =			0.0443			
						RPD = 28.63			
9 PCB-1262									
1	100		4.221						
1	2		4.623						
1	3		4.870						
1	4		5.198						
1	5		5.573						
2	6		5.190						
2	7		5.660						
2	8		5.968						
2	9		6.243						
2	10		6.622						
11 PCB-1268									
1	100		5.530						
1	2		5.568						
1	3		5.766						
1	4		6.144						
1	5		6.442						
2	6		6.620						
2	7		6.668						
2	8		6.931						
2	9		7.247						
2	10		7.590						
$ 12 DCB Decachlorobiphenyl									
1	100	6.648	6.648	0.000	3565057	0.002670			
2	2	7.872	7.869	0.003	3732705	0.002563			
						RPD = 4.11			

QC Flag Legend

Review Flags
M - Manually Integrated

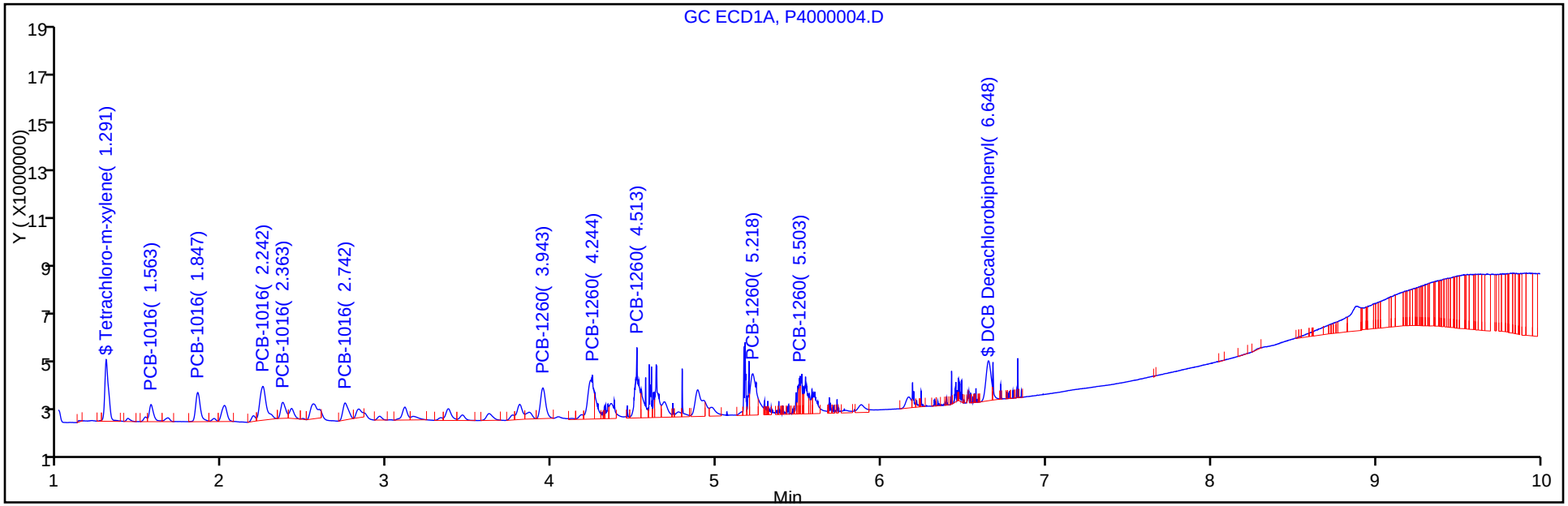
Report Date: 29-Apr-2013 15:57:22 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

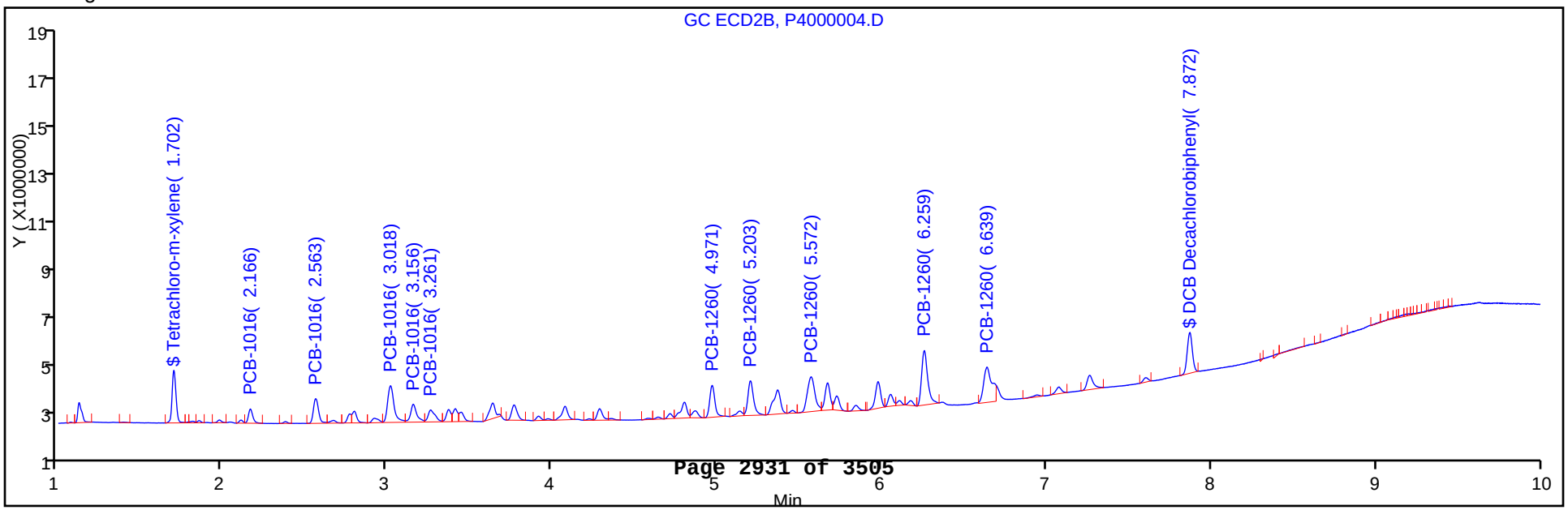
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Injection Date:	29-Apr-2013 08:34:05	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	83996	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



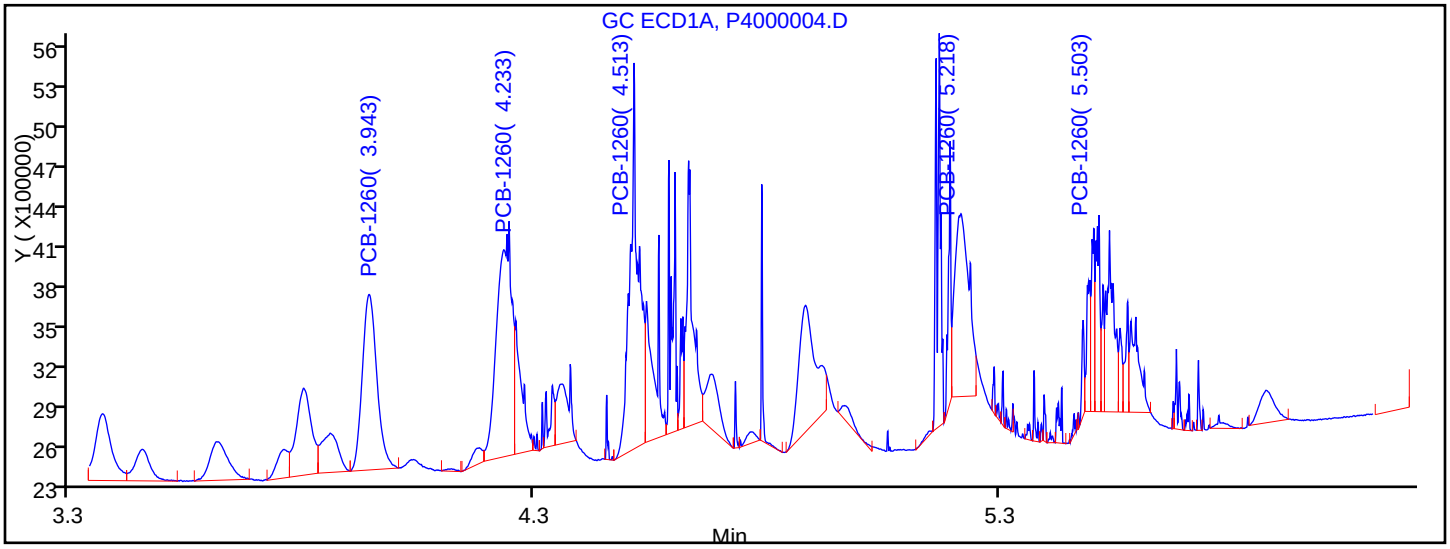
Report Date: 29-Apr-2013 15:57:22 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\P4000004.D

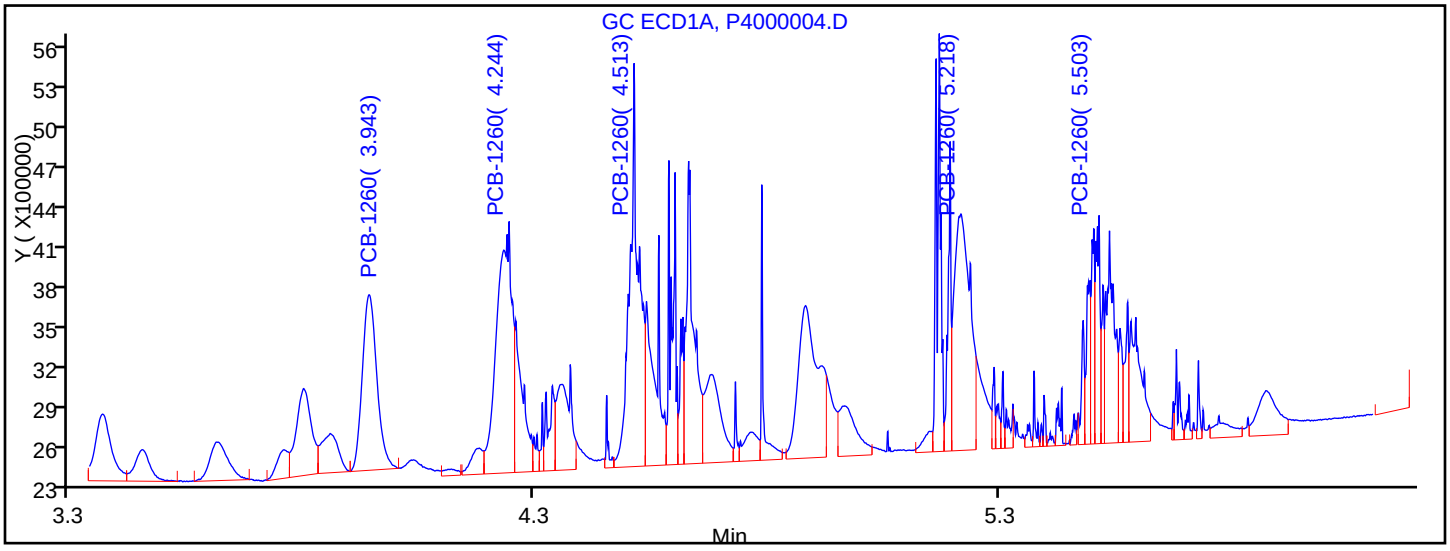
Injection Date:	29-Apr-2013 08:34:05	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	83996	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

10 PCB-1260, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.943	Response = 2836995	
RT = 4.233	Response = 3708705	M
RT = 4.513	Response = 3609736	M
RT = 5.218	Response = 2928899	M
RT = 5.503	Response = 622994	M



Manual Integration Results

RT = 3.943	Response = 2836995	
RT = 4.244	Response = 4148727	M
RT = 4.513	Response = 4061161	M
RT = 5.218	Response = 4174790	M
RT = 5.503	Response = 753302	M

Reviewer: hassl, 29-Apr-2013 15:54:19

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-83996/4

Matrix: Solid Lab File ID: P4000004.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 04/29/2013 08:34

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.: 83996 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	0.0443	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	0.0443	J	0.050	0.00020	0.017

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	94		50-150
2051-24-3	DCB Decachlorobiphenyl	103		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\P4000004.D
Lims ID: MRL Client ID:
Inject. Date: 29-Apr-2013 08:34:05 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0019366-004
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 4
Lims Batch ID: 83996 Lims Sample ID: 4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\PCB4.m
Last Update: 29-Apr-2013 15:57:20 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: XAWRK031

First Level Reviewer: hassl Date: 29-Apr-2013 15:54:19

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	1.291	1.291	0.000	4166553	0.002631			
2	2	1.702	1.700	0.002	3705226	0.002348			
						RPD = 11.36			
3 PCB-1221									
1	2		1.417						
1	3		1.526						
1	4		1.556						
2	4		1.971						
2	5		2.102						
2	6		2.160						
5 PCB-1242									
1	100		1.554						
1	2		1.838						
1	3		2.232						
1	4		2.352						
1	5		2.730						
2	6		2.157						
2	7		2.554						
2	8		3.008						
2	9		3.145						
2	10		3.756						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.555						
1	2		1.837						
1	3		2.230						
1	4		2.351						
1	5		2.730						
2	6		2.157						
2	7		2.554						
2	8		3.006						
2	9		3.145						
2	10		3.755						
6 PCB-1016									
1	100	1.563	1.562	0.001	1351645	0.0498		100.0	
1	2	1.847	1.846	0.001	2492769	0.0509	156.0- 206.0	184.4	
1	3	2.242	2.241	0.001	3943005	0.0422	312.4- 362.4	291.7	
1	4	2.363	2.361	0.002	1399045	0.0333	118.7- 188.7	103.5	
1	5	2.742	2.741	0.001	1687885	0.0398	125.6- 175.6	124.9	
			Average of Peak Amounts =			0.0432			
2	6	2.166	2.165	0.001	1123810	0.0438		100.0	
2	7	2.563	2.561	0.002	2304886	0.0454	169.6- 229.6	205.1	
2	8	3.018	3.016	0.002	4244584	0.0427	351.4- 411.4	377.7	
2	9	3.156	3.155	0.001	2004687	0.0455	141.3- 201.3	178.4	
2	10	3.261	3.259	0.002	1505326	0.0439	102.5- 162.5	133.9	
			Average of Peak Amounts =			0.0443			
						RPD = 2.45			
7 PCB-1248									
1	86		1.838						
1	2		2.230						
1	3		2.731						
1	4		3.311						
1	5		3.742						
2	6		2.553						
2	7		3.005						
2	8		3.755						
2	9		4.031						
2	10		4.753						
8 PCB-1254									M
1	100		3.356						
1	2		3.742						
1	3		4.029						
1	4		4.216						
1	5		4.499						
2	6		4.276						
2	7		4.753						
2	8		5.001						
2	9		5.360						
2	10		5.561						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									M
1	100	3.943	3.941	0.002	2836995	0.0455		100.0	
1	2	4.244	4.231	0.013	4148727	0.0377	152.2- 202.2	146.2	M
1	3	4.513	4.516	-0.003	4061161	0.0377	146.4- 196.4	143.2	M
1	4	5.218	5.215	0.003	4174790	0.0323	180.7- 230.7	147.2	M
1	5	5.503	5.506	-0.003	753302	0.0129	64.1- 114.1	26.6	M
			Average of Peak Amounts =			0.0332			
2	6	4.971	4.969	0.002	2923988	0.0425		100.0	
2	7	5.203	5.201	0.002	3524137	0.0441	87.6- 147.6	120.5	
2	8	5.572	5.570	0.002	4692544	0.0397	144.7- 204.7	160.5	
2	9	6.259	6.256	0.003	5892904	0.0404	187.7- 247.7	201.5	
2	10	6.639	6.636	0.003	5293120	0.0548	115.0- 175.0	181.0	M
			Average of Peak Amounts =			0.0443			
						RPD = 28.63			
9 PCB-1262									
1	100		4.221						
1	2		4.623						
1	3		4.870						
1	4		5.198						
1	5		5.573						
2	6		5.190						
2	7		5.660						
2	8		5.968						
2	9		6.243						
2	10		6.622						
11 PCB-1268									
1	100		5.530						
1	2		5.568						
1	3		5.766						
1	4		6.144						
1	5		6.442						
2	6		6.620						
2	7		6.668						
2	8		6.931						
2	9		7.247						
2	10		7.590						
$ 12 DCB Decachlorobiphenyl									
1	100	6.648	6.648	0.000	3565057	0.002670			
2	2	7.872	7.869	0.003	3732705	0.002563			
						RPD = 4.11			

QC Flag Legend

Review Flags
M - Manually Integrated

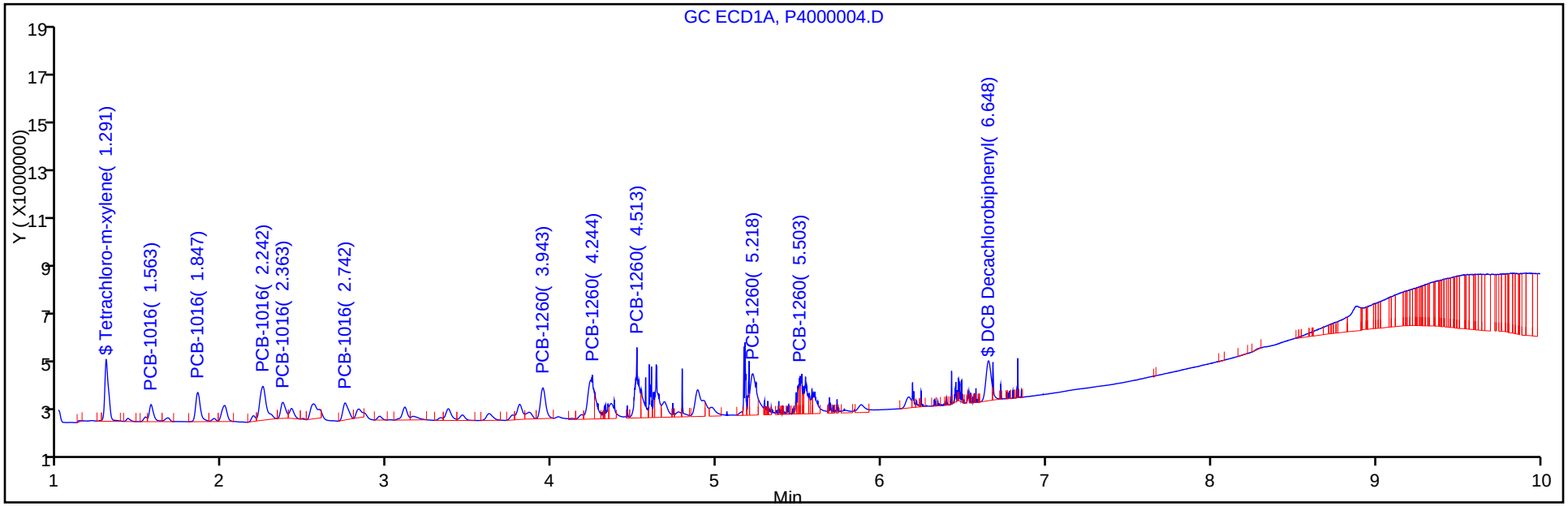
Report Date: 29-Apr-2013 15:57:22 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

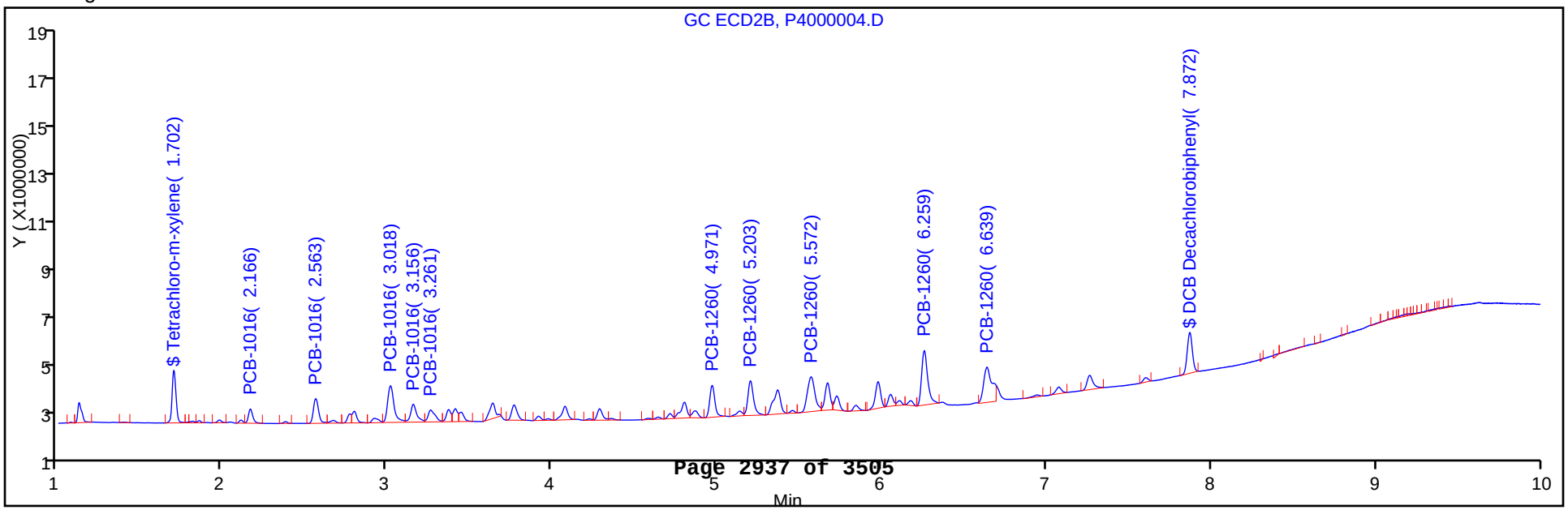
Data File: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\P4000004.D

Injection Date:	29-Apr-2013 08:34:05	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	83996	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



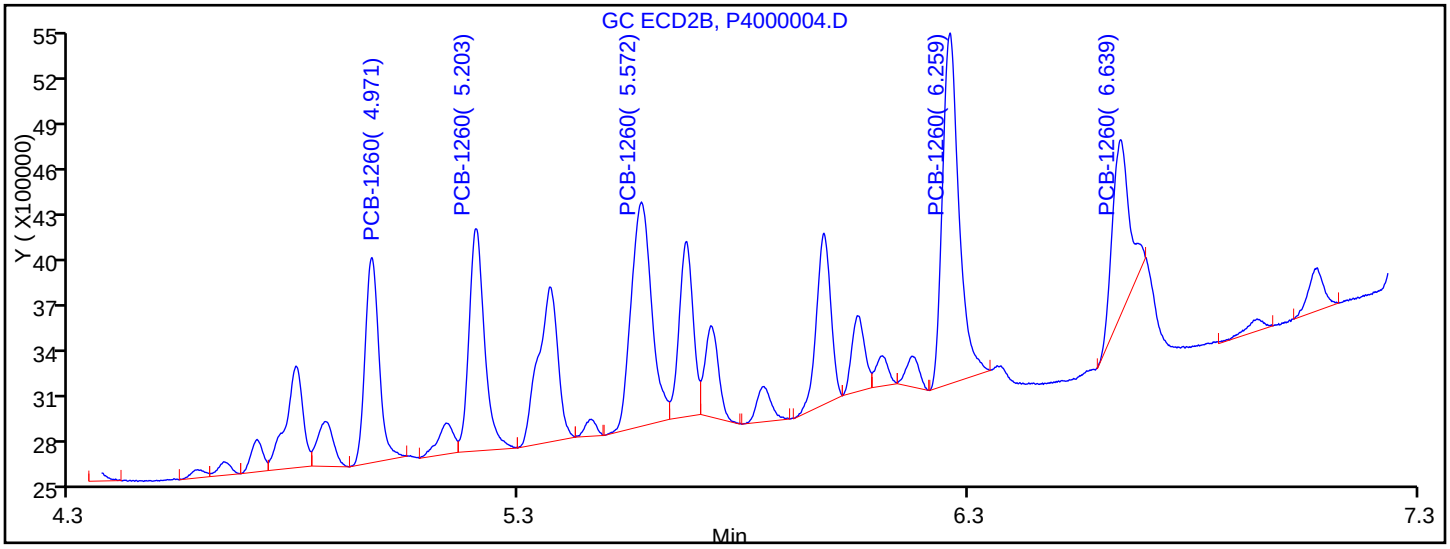
Report Date: 29-Apr-2013 15:57:23 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\P4000004.D

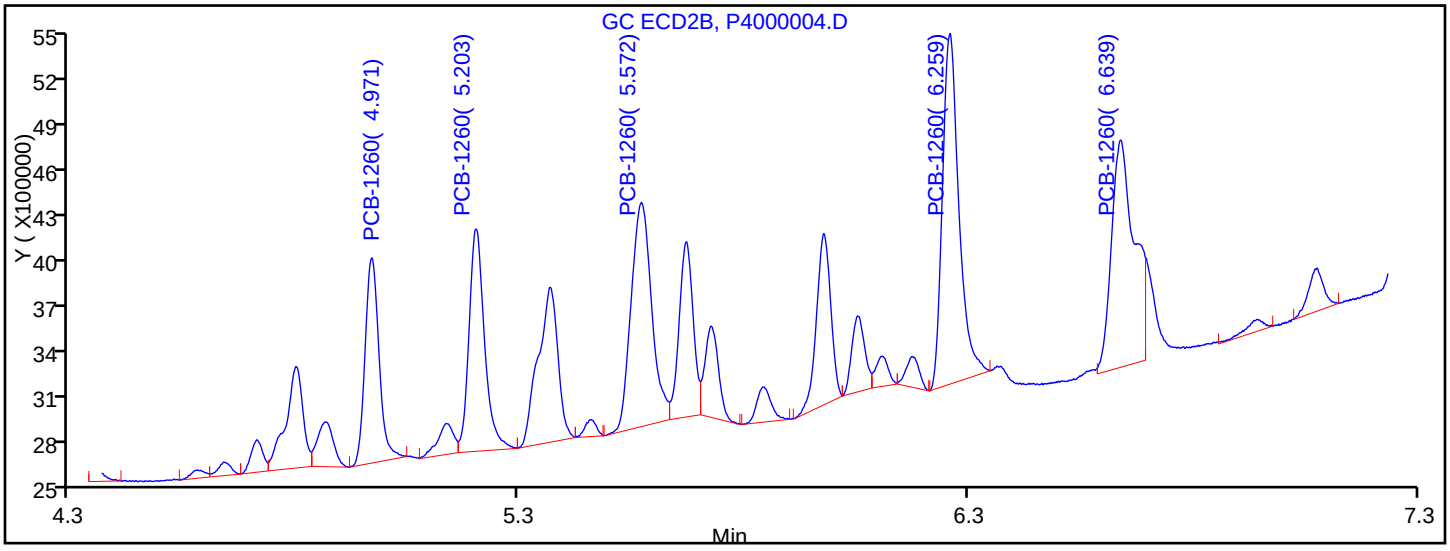
Injection Date:	29-Apr-2013 08:34:05	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	83996	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

10 PCB-1260, Detector: 2, GC ecd2b



Processing Integration Results

RT = 4.971	Response = 2923988	
RT = 5.203	Response = 3524137	
RT = 5.572	Response = 4692544	
RT = 6.259	Response = 5892904	
RT = 6.639	Response = 3035401	M



Manual Integration Results

RT = 4.971	Response = 2923988	
RT = 5.203	Response = 3524137	
RT = 5.572	Response = 4692544	
RT = 6.259	Response = 5892904	
RT = 6.639	Response = 5293120	M

Reviewer: hassl, 29-Apr-2013 15:54:19

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-83996/10

Matrix: Solid Lab File ID: P4000010.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 04/29/2013 10:06

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.: 83996 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*	*0.0466*	*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*	*0.0458*	*J*	*0.050*	0.00020	*0.017*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	104		50-150
2051-24-3	DCB Decachlorobiphenyl	122		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\P4000010.D
Lims ID: MRL Client ID:
Inject. Date: 29-Apr-2013 10:06:34 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0019366-010
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 10
Lims Batch ID: 83996 Lims Sample ID: 10
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\PCB4.m
Last Update: 29-Apr-2013 15:57:26 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: XAWRK031

First Level Reviewer: hassl Date: 29-Apr-2013 15:50:57

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.292	1.292	0.000	4134639	0.002611			
2	2	1.703	1.702	0.001	3607543	0.002286			
						RPD = 13.25			
3 PCB-1221									
1	2		1.417						
1	3		1.526						
1	4		1.556						
2	4		1.971						
2	5		2.102						
2	6		2.160						
5 PCB-1242									
1	100		1.554						
1	2		1.838						
1	3		2.232						
1	4		2.352						
1	5		2.730						
2	6		2.157						
2	7		2.554						
2	8		3.008						
2	9		3.145						
2	10		3.756						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.555						
1	2		1.837						
1	3		2.230						
1	4		2.351						
1	5		2.730						
2	6		2.157						
2	7		2.554						
2	8		3.006						
2	9		3.145						
2	10		3.755						
6 PCB-1016									
1	100	1.564	1.564	0.000	1360386	0.0501		100.0	
1	2	1.848	1.847	0.001	2516584	0.0514	156.0- 206.0	185.0	
1	3	2.243	2.243	0.000	4276835	0.0458	312.4- 362.4	314.4	
1	4	2.363	2.365	-0.002	1598881	0.0381	118.7- 188.7	117.5	
1	5	2.743	2.743	0.000	2017184	0.0476	125.6- 175.6	148.3	
			Average of Peak Amounts =			0.0466			
2	6	2.167	2.166	0.001	1025340	0.0400		100.0	
2	7	2.564	2.564	0.000	2179858	0.0429	169.6- 229.6	212.6	
2	8	3.018	3.019	-0.001	4124353	0.0415	351.4- 411.4	402.2	
2	9	3.158	3.157	0.001	1848179	0.0420	141.3- 201.3	180.3	
2	10	3.262	3.261	0.001	1482815	0.0433	102.5- 162.5	144.6	
			Average of Peak Amounts =			0.0419			
						RPD = 10.52			
7 PCB-1248									
1	86		1.838						
1	2		2.230						
1	3		2.731						
1	4		3.311						
1	5		3.742						
2	6		2.553						
2	7		3.005						
2	8		3.755						
2	9		4.031						
2	10		4.753						
8 PCB-1254									
1	100		3.356						
1	2		3.742						
1	3		4.029						
1	4		4.216						
1	5		4.499						
2	6		4.276						
2	7		4.753						
2	8		5.001						
2	9		5.360						
2	10		5.561						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									M
1	100	3.944	3.943	0.001	3080567	0.0494		100.0	
1	2	4.235	4.232	0.003	5324086	0.0483	152.2- 202.2	172.8	
1	3	4.519	4.517	0.002	4568800	0.0424	146.4- 196.4	148.3	
1	4	5.218	5.216	0.002	6059332	0.0468	180.7- 230.7	196.7	
1	5	5.508	5.505	0.003	2441543	0.0419	64.1- 114.1	79.3	M
			Average of Peak Amounts =			0.0458			
2	6	4.973	4.971	0.002	2984668	0.0434		100.0	
2	7	5.203	5.203	0.000	3223588	0.0404	87.6- 147.6	108.0	
2	8	5.575	5.570	0.005	4734445	0.0401	144.7- 204.7	158.6	
2	9	6.259	6.258	0.001	6374618	0.0437	187.7- 247.7	213.6	
2	10	6.639	6.639	0.000	2921328	0.0302	115.0- 175.0	97.9	M
			Average of Peak Amounts =			0.0396			
						RPD = 14.59			
9 PCB-1262									
1	100		4.221						
1	2		4.623						
1	3		4.870						
1	4		5.198						
1	5		5.573						
2	6		5.190						
2	7		5.660						
2	8		5.968						
2	9		6.243						
2	10		6.622						
11 PCB-1268									
1	100		5.530						
1	2		5.568						
1	3		5.766						
1	4		6.144						
1	5		6.442						
2	6		6.620						
2	7		6.668						
2	8		6.931						
2	9		7.247						
2	10		7.590						
$ 12 DCB Decachlorobiphenyl									
1	100	6.648	6.649	-0.001	4056857	0.003038			
2	2	7.872	7.871	0.001	3976558	0.002730			
						RPD = 10.69			

QC Flag Legend

Review Flags
M - Manually Integrated

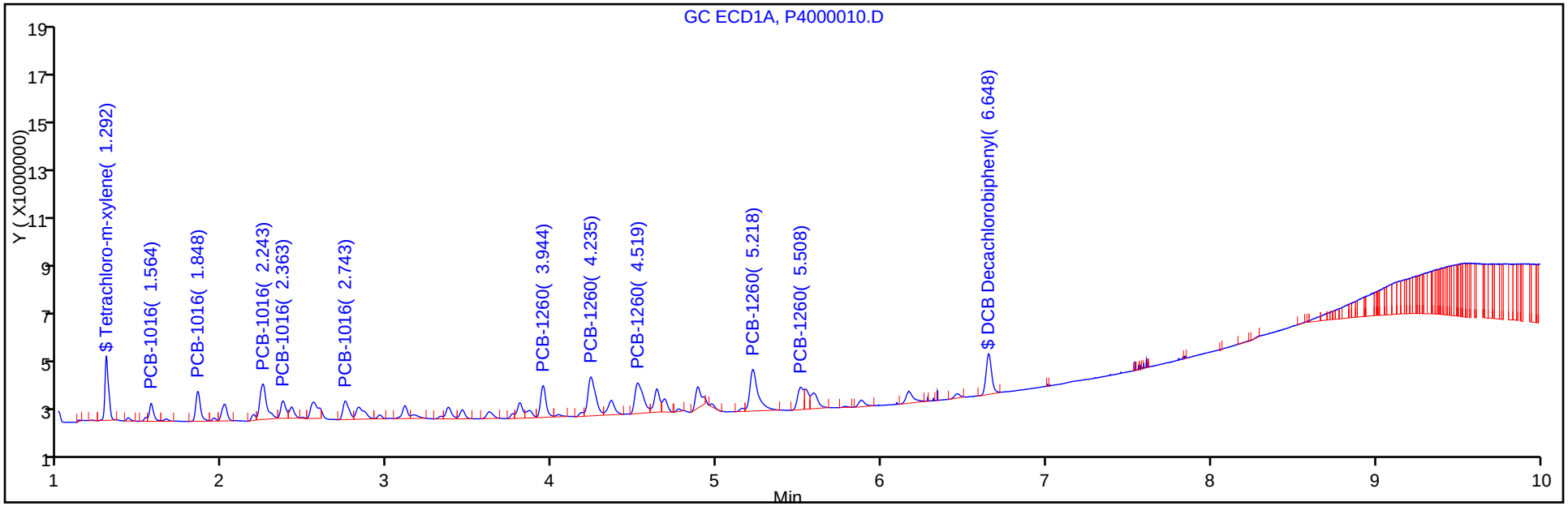
Report Date: 29-Apr-2013 15:57:28 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

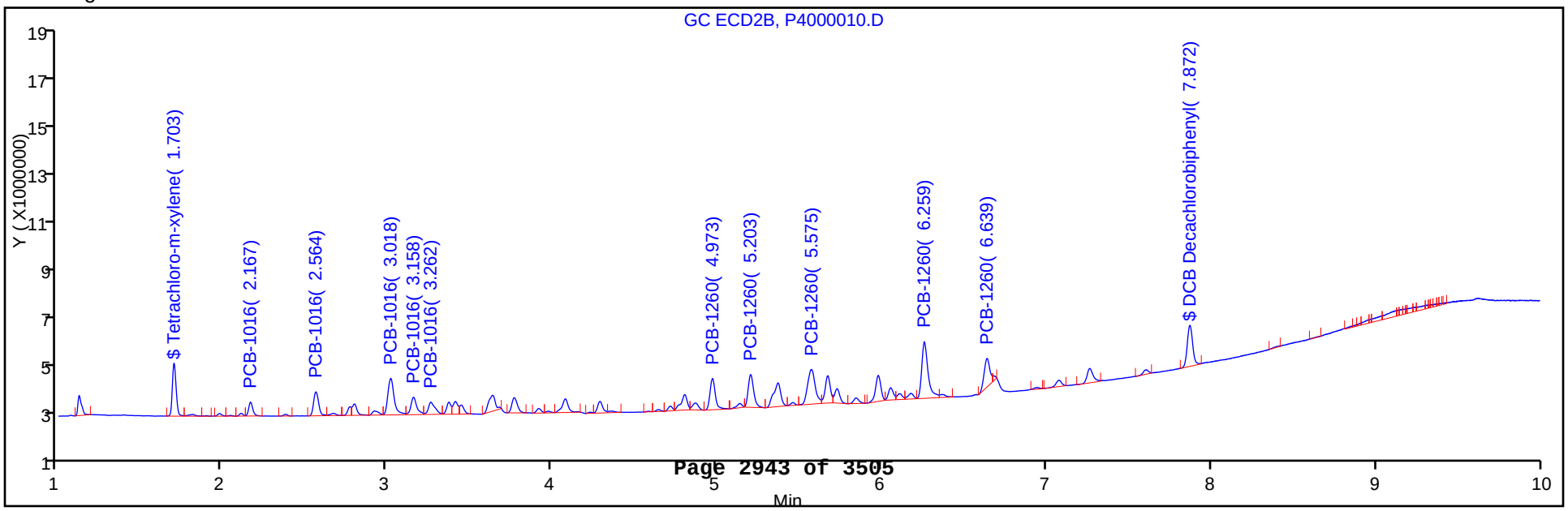
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Injection Date:	29-Apr-2013 10:06:34	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	83996	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



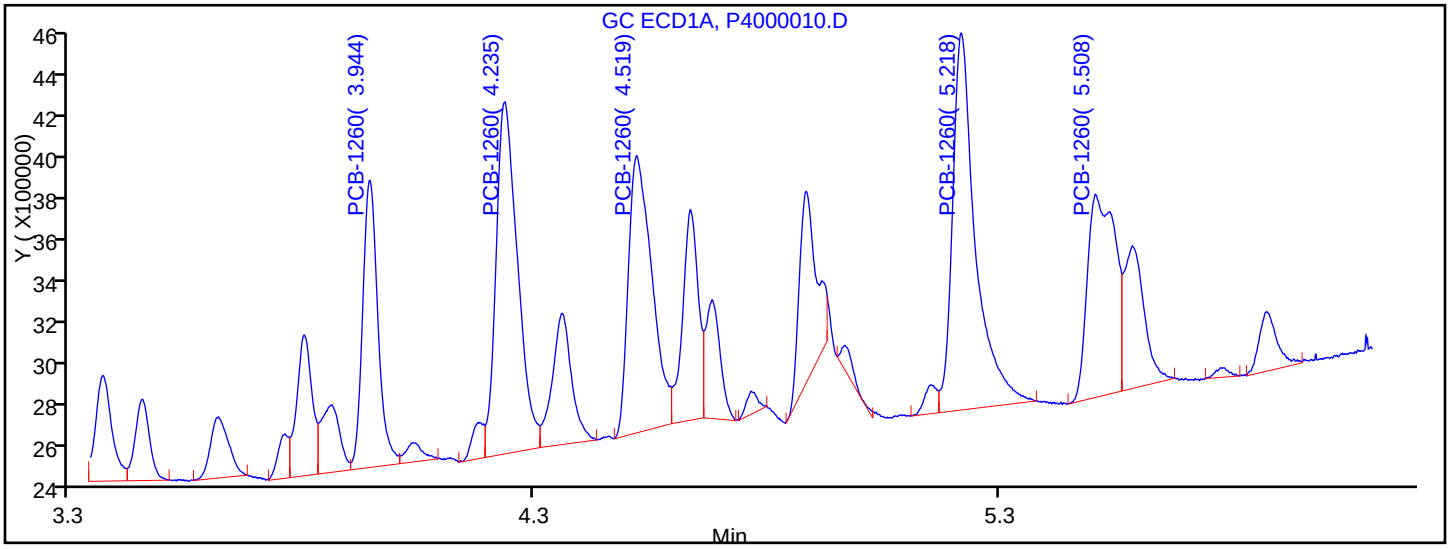
Report Date: 29-Apr-2013 15:57:29 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\P4000010.D

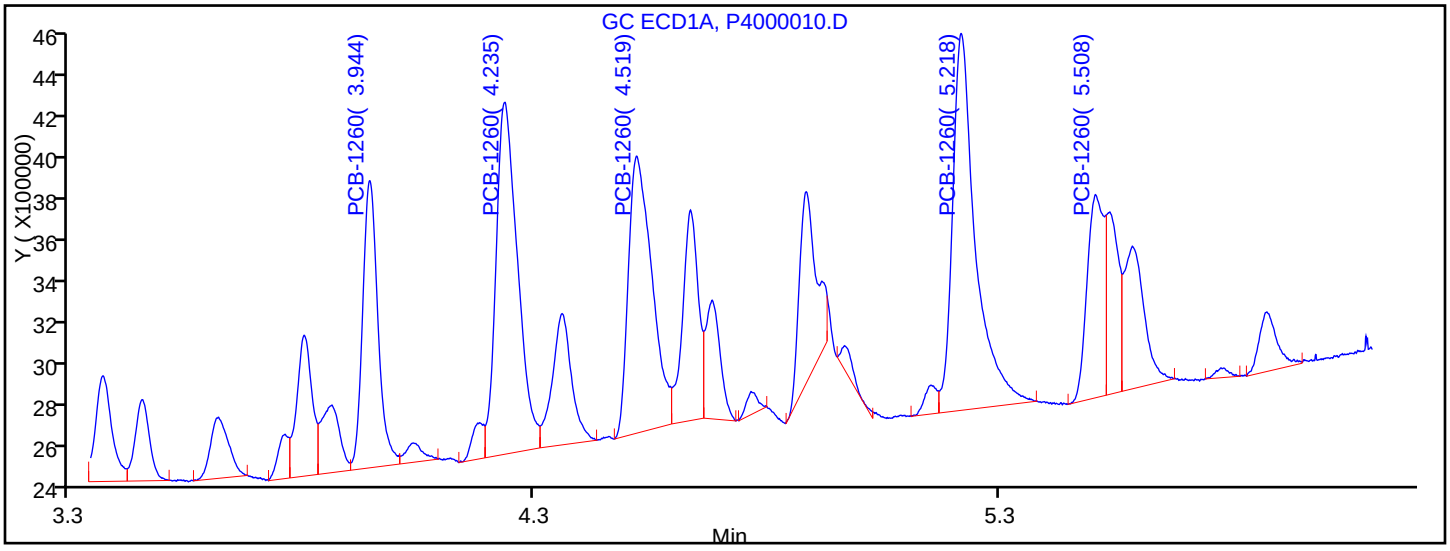
Injection Date:	29-Apr-2013 10:06:34	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	83996	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

10 PCB-1260, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.944	Response = 3080567	
RT = 4.235	Response = 5324086	
RT = 4.519	Response = 4568800	
RT = 5.218	Response = 6059332	
RT = 5.508	Response = 3923187	M



Manual Integration Results

RT = 3.944	Response = 3080567	
RT = 4.235	Response = 5324086	
RT = 4.519	Response = 4568800	
RT = 5.218	Response = 6059332	
RT = 5.508	Response = 2441543	M

Reviewer: hassl, 29-Apr-2013 15:50:57

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-83996/10

Matrix: Solid Lab File ID: P4000010.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 04/29/2013 10:06

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.: 83996 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	0.0419	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	0.0396	J	0.050	0.00020	0.017

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	91		50-150
2051-24-3	DCB Decachlorobiphenyl	109		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\P4000010.D
Lims ID: MRL Client ID:
Inject. Date: 29-Apr-2013 10:06:34 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0019366-010
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 10
Lims Batch ID: 83996 Lims Sample ID: 10
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\PCB4.m
Last Update: 29-Apr-2013 15:57:26 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: XAWRK031

First Level Reviewer: hassl Date: 29-Apr-2013 15:50:57

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.292	1.292	0.000	4134639	0.002611			
2	2	1.703	1.702	0.001	3607543	0.002286			
						RPD = 13.25			
3 PCB-1221									
1	2		1.417						
1	3		1.526						
1	4		1.556						
2	4		1.971						
2	5		2.102						
2	6		2.160						
5 PCB-1242									
1	100		1.554						
1	2		1.838						
1	3		2.232						
1	4		2.352						
1	5		2.730						
2	6		2.157						
2	7		2.554						
2	8		3.008						
2	9		3.145						
2	10		3.756						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.555						
1	2		1.837						
1	3		2.230						
1	4		2.351						
1	5		2.730						
2	6		2.157						
2	7		2.554						
2	8		3.006						
2	9		3.145						
2	10		3.755						
6 PCB-1016									
1	100	1.564	1.564	0.000	1360386	0.0501		100.0	
1	2	1.848	1.847	0.001	2516584	0.0514	156.0- 206.0	185.0	
1	3	2.243	2.243	0.000	4276835	0.0458	312.4- 362.4	314.4	
1	4	2.363	2.365	-0.002	1598881	0.0381	118.7- 188.7	117.5	
1	5	2.743	2.743	0.000	2017184	0.0476	125.6- 175.6	148.3	
			Average of Peak Amounts =			0.0466			
2	6	2.167	2.166	0.001	1025340	0.0400		100.0	
2	7	2.564	2.564	0.000	2179858	0.0429	169.6- 229.6	212.6	
2	8	3.018	3.019	-0.001	4124353	0.0415	351.4- 411.4	402.2	
2	9	3.158	3.157	0.001	1848179	0.0420	141.3- 201.3	180.3	
2	10	3.262	3.261	0.001	1482815	0.0433	102.5- 162.5	144.6	
			Average of Peak Amounts =			0.0419			
						RPD = 10.52			
7 PCB-1248									
1	86		1.838						
1	2		2.230						
1	3		2.731						
1	4		3.311						
1	5		3.742						
2	6		2.553						
2	7		3.005						
2	8		3.755						
2	9		4.031						
2	10		4.753						
8 PCB-1254									
1	100		3.356						
1	2		3.742						
1	3		4.029						
1	4		4.216						
1	5		4.499						
2	6		4.276						
2	7		4.753						
2	8		5.001						
2	9		5.360						
2	10		5.561						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									M
1	100	3.944	3.943	0.001	3080567	0.0494		100.0	
1	2	4.235	4.232	0.003	5324086	0.0483	152.2- 202.2	172.8	
1	3	4.519	4.517	0.002	4568800	0.0424	146.4- 196.4	148.3	
1	4	5.218	5.216	0.002	6059332	0.0468	180.7- 230.7	196.7	
1	5	5.508	5.505	0.003	2441543	0.0419	64.1- 114.1	79.3	M
			Average of Peak Amounts =			0.0458			
2	6	4.973	4.971	0.002	2984668	0.0434		100.0	
2	7	5.203	5.203	0.000	3223588	0.0404	87.6- 147.6	108.0	
2	8	5.575	5.570	0.005	4734445	0.0401	144.7- 204.7	158.6	
2	9	6.259	6.258	0.001	6374618	0.0437	187.7- 247.7	213.6	
2	10	6.639	6.639	0.000	2921328	0.0302	115.0- 175.0	97.9	M
			Average of Peak Amounts =			0.0396			
						RPD = 14.59			
9 PCB-1262									
1	100		4.221						
1	2		4.623						
1	3		4.870						
1	4		5.198						
1	5		5.573						
2	6		5.190						
2	7		5.660						
2	8		5.968						
2	9		6.243						
2	10		6.622						
11 PCB-1268									
1	100		5.530						
1	2		5.568						
1	3		5.766						
1	4		6.144						
1	5		6.442						
2	6		6.620						
2	7		6.668						
2	8		6.931						
2	9		7.247						
2	10		7.590						
$ 12 DCB Decachlorobiphenyl									
1	100	6.648	6.649	-0.001	4056857	0.003038			
2	2	7.872	7.871	0.001	3976558	0.002730			
						RPD = 10.69			

QC Flag Legend

Review Flags
M - Manually Integrated

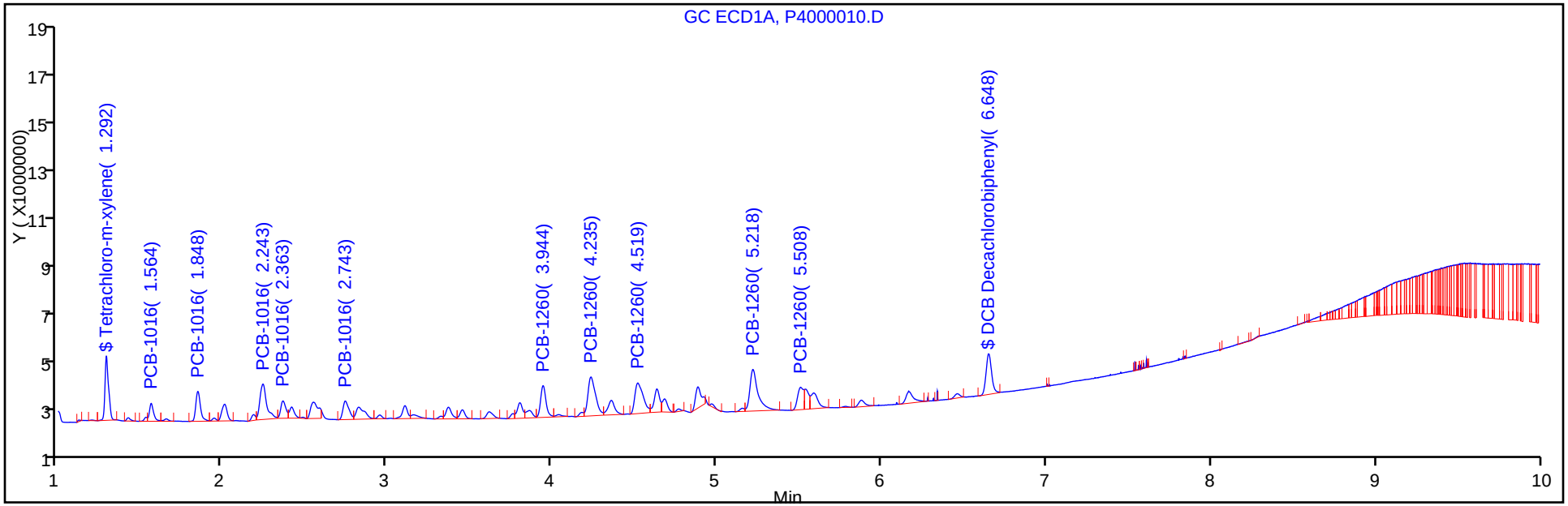
Report Date: 29-Apr-2013 15:57:29 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

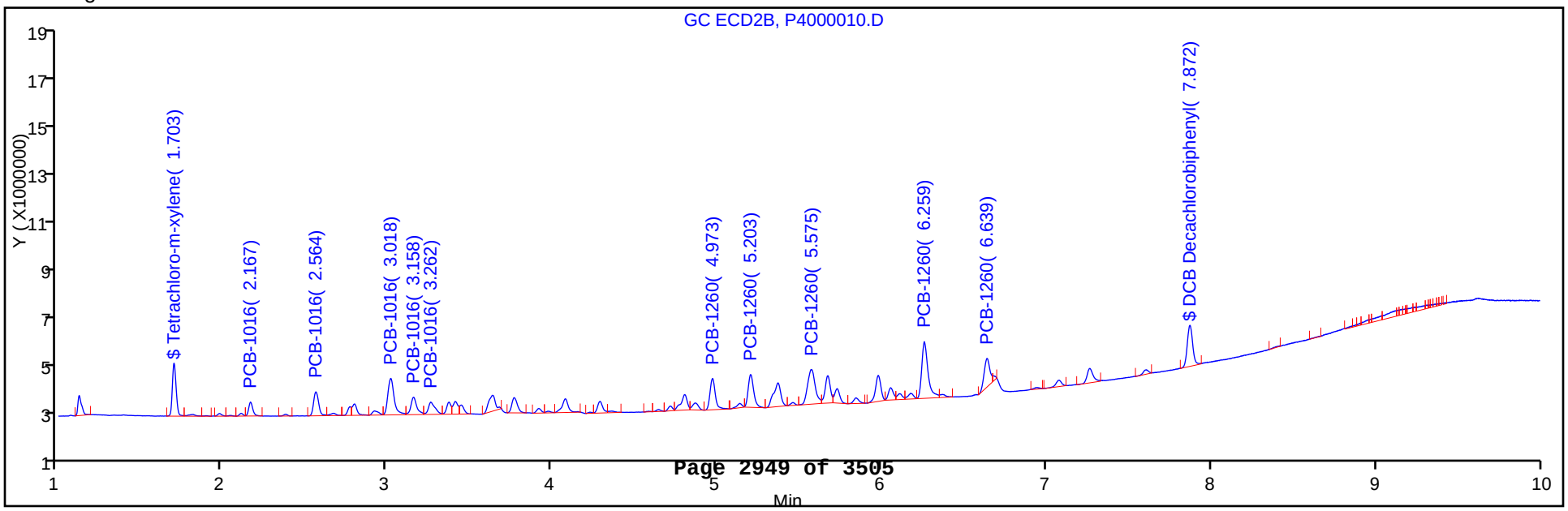
Data File: \\Ncchrom\ChromData\A2HP4\20130429-19366.b\P4000010.D

Injection Date:	29-Apr-2013 10:06:34	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	83996	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



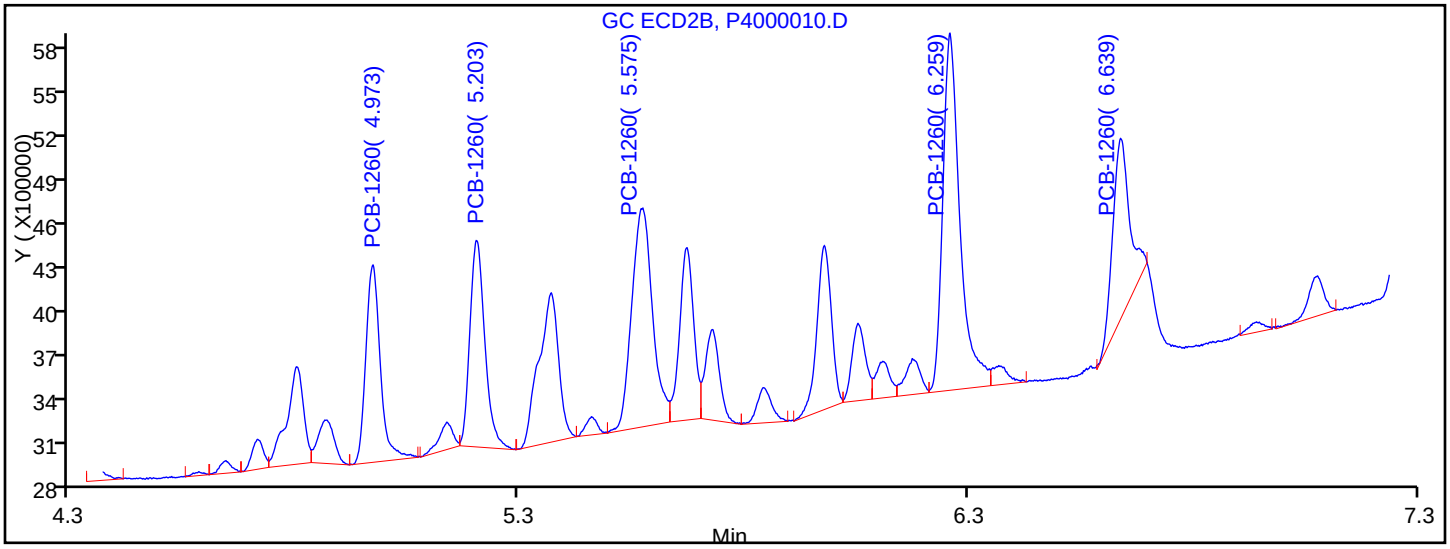
Report Date: 29-Apr-2013 15:57:30 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

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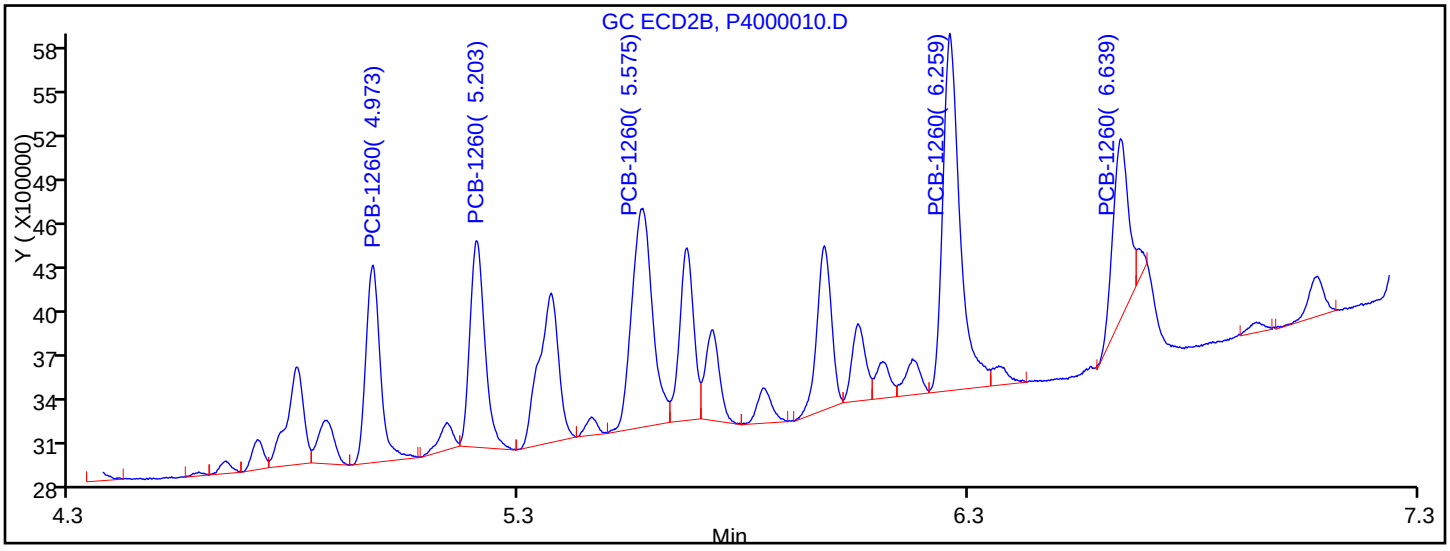
Injection Date:	29-Apr-2013 10:06:34	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	83996	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

10 PCB-1260, Detector: 2, GC ecd2b



Processing Integration Results

RT = 4.973	Response = 2984668	
RT = 5.203	Response = 3223588	
RT = 5.575	Response = 4734445	
RT = 6.259	Response = 6374618	
RT = 6.639	Response = 3141030	M



Manual Integration Results

RT = 4.973	Response = 2984668	
RT = 5.203	Response = 3223588	
RT = 5.575	Response = 4734445	
RT = 6.259	Response = 6374618	
RT = 6.639	Response = 2921328	M

Reviewer: hassl, 29-Apr-2013 15:50:57

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-22663-1

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.: 240-22663-1

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.: 240-22663-1

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.: 240-22663-1

SDG No.:

Instrument ID: A2HP4 Start Date: 04/17/2013 09:56

Analysis Batch Number: 82267 End Date: 04/17/2013 15:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-82267/3 CCVRT		04/17/2013 09:56	1	P4000003.D	CLP-1 0.53(mm)
CCV 240-82267/3 CCVRT		04/17/2013 09:56	1	P4000003.D	CLP-2 0.53(mm)
MRL 240-82267/4		04/17/2013 10:11	1	P4000004.D	CLP-1 0.53(mm)
MRL 240-82267/4		04/17/2013 10:11	1	P4000004.D	CLP-2 0.53(mm)
240-22663-31	068SB-0017M-0001-SO	04/17/2013 11:12	1	P4000005.D	CLP-1 0.53(mm)
240-22663-31	068SB-0017M-0001-SO	04/17/2013 11:12	1	P4000005.D	CLP-2 0.53(mm)
240-22663-32	068SB-0018M-0001-SO	04/17/2013 11:28	1	P4000006.D	CLP-1 0.53(mm)
240-22663-32	068SB-0018M-0001-SO	04/17/2013 11:28	1	P4000006.D	CLP-2 0.53(mm)
240-22663-37	068SB-0024M-0001-SO	04/17/2013 11:44	1	P4000007.D	CLP-1 0.53(mm)
240-22663-37	068SB-0024M-0001-SO	04/17/2013 11:44	1	P4000007.D	CLP-2 0.53(mm)
240-22663-38	068SB-0025M-0001-SO	04/17/2013 11:59	1	P4000008.D	CLP-1 0.53(mm)
240-22663-38	068SB-0025M-0001-SO	04/17/2013 11:59	1	P4000008.D	CLP-2 0.53(mm)
240-22663-39	068SB-0032-0001-SO	04/17/2013 12:15	1	P4000009.D	CLP-1 0.53(mm)
240-22663-39	068SB-0032-0001-SO	04/17/2013 12:15	1	P4000009.D	CLP-2 0.53(mm)
240-22663-40	068SB-0027M-0001-SO	04/17/2013 12:31	1	P4000010.D	CLP-1 0.53(mm)
240-22663-40	068SB-0027M-0001-SO	04/17/2013 12:31	1	P4000010.D	CLP-2 0.53(mm)
240-22663-41	068SB-0028M-0001-SO	04/17/2013 12:46	1	P4000011.D	CLP-1 0.53(mm)
240-22663-41	068SB-0028M-0001-SO	04/17/2013 12:46	1	P4000011.D	CLP-2 0.53(mm)
240-22663-43	068SB-0030M-0001-SO	04/17/2013 13:02	1	P4000012.D	CLP-1 0.53(mm)
240-22663-43	068SB-0030M-0001-SO	04/17/2013 13:02	1	P4000012.D	CLP-2 0.53(mm)
240-22663-44	068SB-0031M-0001-SO	04/17/2013 13:17	1	P4000013.D	CLP-1 0.53(mm)
240-22663-44	068SB-0031M-0001-SO	04/17/2013 13:17	1	P4000013.D	CLP-2 0.53(mm)
CCV 240-82267/14		04/17/2013 13:33	1	P4000014.D	CLP-1 0.53(mm)
CCV 240-82267/14		04/17/2013 13:33	1	P4000014.D	CLP-2 0.53(mm)
240-22663-33	068SB-0019M-0001-SO	04/17/2013 13:49	1	P4000015.D	CLP-1 0.53(mm)
240-22663-33	068SB-0019M-0001-SO	04/17/2013 13:49	1	P4000015.D	CLP-2 0.53(mm)
240-22663-34	068SB-0022M-0001-SO	04/17/2013 14:04	1	P4000016.D	CLP-1 0.53(mm)
240-22663-34	068SB-0022M-0001-SO	04/17/2013 14:04	1	P4000016.D	CLP-2 0.53(mm)
240-22663-35	068SB-0020M-0001-SO	04/17/2013 14:20	1	P4000017.D	CLP-1 0.53(mm)
240-22663-35	068SB-0020M-0001-SO	04/17/2013 14:20	1	P4000017.D	CLP-2 0.53(mm)
240-22663-36	068SB-0023M-0001-SO	04/17/2013 14:35	1	P4000018.D	CLP-1 0.53(mm)
240-22663-36	068SB-0023M-0001-SO	04/17/2013 14:35	1	P4000018.D	CLP-2 0.53(mm)
MB 240-81736/24-A		04/17/2013 14:51	1	P4000019.D	CLP-1 0.53(mm)
MB 240-81736/24-A		04/17/2013 14:51	1	P4000019.D	CLP-2 0.53(mm)
ZZZZZ		04/17/2013 15:07	1		CLP-1 0.53(mm)
ZZZZZ		04/17/2013 15:07	1		CLP-2 0.53(mm)
MRL 240-82267/21		04/17/2013 15:22	1	P4000021.D	CLP-1 0.53(mm)
MRL 240-82267/21		04/17/2013 15:22	1	P4000021.D	CLP-2 0.53(mm)
CCV 240-82267/23		04/17/2013 15:38	1	P4000022.D	CLP-1 0.53(mm)
CCV 240-82267/23		04/17/2013 15:38	1	P4000022.D	CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-22663-1

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)
240-22663-4	079SB-0014M-0001-SO	04/18/2013 10:08	1	P4000005.D	CLP-1 0.53(mm)
240-22663-4	079SB-0014M-0001-SO	04/18/2013 10:08	1	P4000005.D	CLP-2 0.53(mm)
240-22663-7	079SB-0017M-0001-SO	04/18/2013 10:24	1	P4000006.D	CLP-1 0.53(mm)
240-22663-7	079SB-0017M-0001-SO	04/18/2013 10:24	1	P4000006.D	CLP-2 0.53(mm)
240-22663-17	073SB-0041M-0001-SO	04/18/2013 10:39	1	P4000007.D	CLP-1 0.53(mm)
240-22663-17	073SB-0041M-0001-SO	04/18/2013 10:39	1	P4000007.D	CLP-2 0.53(mm)
240-22663-26	079SB-0026M-0001-SO	04/18/2013 10:55	1	P4000008.D	CLP-1 0.53(mm)
240-22663-26	079SB-0026M-0001-SO	04/18/2013 10:55	1	P4000008.D	CLP-2 0.53(mm)
240-22663-28	079SB-0028M-0001-SO	04/18/2013 11:11	1	P4000009.D	CLP-1 0.53(mm)
240-22663-28	079SB-0028M-0001-SO	04/18/2013 11:11	1	P4000009.D	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)
ZZZZZ		04/18/2013 14:34	1		CLP-1 0.53(mm)
ZZZZZ		04/18/2013 14:34	1		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.: 240-22663-1

SDG No.:

Instrument ID: A2HP4 Start Date: 04/19/2013 08:35

Analysis Batch Number: 82656 End Date: 04/19/2013 09:37

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-82656/3 CCVRT		04/19/2013 08:35	1	P4000003.D	CLP-1 0.53(mm)
CCV 240-82656/3 CCVRT		04/19/2013 08:35	1	P4000003.D	CLP-2 0.53(mm)
MRL 240-82656/4		04/19/2013 08:50	1	P4000004.D	CLP-1 0.53(mm)
MRL 240-82656/4		04/19/2013 08:50	1	P4000004.D	CLP-2 0.53(mm)
LCS 240-81736/23-A		04/19/2013 09:06	1	P4000005.D	CLP-1 0.53(mm)
LCS 240-81736/23-A		04/19/2013 09:06	1	P4000005.D	CLP-2 0.53(mm)
CCV 240-82656/6		04/19/2013 09:22	1	P4000006.D	CLP-1 0.53(mm)
CCV 240-82656/6		04/19/2013 09:22	1	P4000006.D	CLP-2 0.53(mm)
MRL 240-82656/7		04/19/2013 09:37	1	P4000007.D	CLP-1 0.53(mm)
MRL 240-82656/7		04/19/2013 09:37	1	P4000007.D	CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-22663-1

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 ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Instrument ID: A2HP4 Start Date: 04/29/2013 08:18

Analysis Batch Number: 83996 End Date: 04/29/2013 10:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-83996/3 CCVRT		04/29/2013 08:18	1	P4000003.D	CLP-1 0.53(mm)
CCV 240-83996/3 CCVRT		04/29/2013 08:18	1	P4000003.D	CLP-2 0.53(mm)
MRL 240-83996/4		04/29/2013 08:34	1	P4000004.D	CLP-1 0.53(mm)
MRL 240-83996/4		04/29/2013 08:34	1	P4000004.D	CLP-2 0.53(mm)
240-22663-26	079SB-0026M-0001-SO	04/29/2013 08:49	1	P4000005.D	CLP-1 0.53(mm)
240-22663-26	079SB-0026M-0001-SO	04/29/2013 08:49	1	P4000005.D	CLP-2 0.53(mm)
240-22663-28	079SB-0028M-0001-SO	04/29/2013 09:04	1	P4000006.D	CLP-1 0.53(mm)
240-22663-28	079SB-0028M-0001-SO	04/29/2013 09:04	1	P4000006.D	CLP-2 0.53(mm)
MB 240-83675/20-A		04/29/2013 09:20	1	P4000007.D	CLP-1 0.53(mm)
MB 240-83675/20-A		04/29/2013 09:20	1	P4000007.D	CLP-2 0.53(mm)
LCS 240-83675/21-A		04/29/2013 09:35	1	P4000008.D	CLP-1 0.53(mm)
LCS 240-83675/21-A		04/29/2013 09:35	1	P4000008.D	CLP-2 0.53(mm)
CCV 240-83996/9		04/29/2013 09:51	1	P4000009.D	CLP-1 0.53(mm)
CCV 240-83996/9		04/29/2013 09:51	1	P4000009.D	CLP-2 0.53(mm)
MRL 240-83996/10		04/29/2013 10:06	1	P4000010.D	CLP-1 0.53(mm)
MRL 240-83996/10		04/29/2013 10:06	1	P4000010.D	CLP-2 0.53(mm)

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-22663-1

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	
240-22663-G-4-A	079SB-0014M-0001 -SO	3540C, 8082/DOD	T	30.09 g	10 mL		1 mL	Assoc w/ 81726	
240-22663-G-7-A	079SB-0017M-0001 -SO	3540C, 8082/DOD	T	29.71 g	10 mL		1 mL	Assoc w/ 81726	
240-22663-G-17-A	073SB-0041M-0001 -SO	3540C, 8082/DOD	T	30.46 g	10 mL		1 mL	Assoc w/ 81726	
240-22663-G-26-A	079SB-0026M-0001 -SO	3540C, 8082/DOD	T	30.04 g	10 mL		1 mL	Assoc w/ 81726	
240-22663-G-28-A	079SB-0028M-0001 -SO	3540C, 8082/DOD	T	30.15 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.

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Batch Number: 81736 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		
240-22663-C-31-A	068SB-0017M-0001-SO	3540C, 8082/DOD	T	30.42 g	10 mL		1 mL		
240-22663-C-32-A	068SB-0018M-0001-SO	3540C, 8082/DOD	T	30.29 g	10 mL		1 mL		
240-22663-C-33-A	068SB-0019M-0001-SO	3540C, 8082/DOD	T	29.59 g	10 mL		1 mL		
240-22663-C-34-A	068SB-0022M-0001-SO	3540C, 8082/DOD	T	30.36 g	10 mL		1 mL		
240-22663-C-35-A	068SB-0020M-0001-SO	3540C, 8082/DOD	T	29.73 g	10 mL		1 mL		
240-22663-C-36-A	068SB-0023M-0001-SO	3540C, 8082/DOD	T	29.89 g	10 mL		1 mL		
240-22663-C-37-A	068SB-0024M-0001-SO	3540C, 8082/DOD	T	30.05 g	10 mL		1 mL		
240-22663-C-38-A	068SB-0025M-0001-SO	3540C, 8082/DOD	T	30.07 g	10 mL		1 mL		
240-22663-C-39	068SB-0032-0001-SO	3540C, 8082/DOD	T	30.07 g	10 mL		1 mL		
240-22663-C-40-A	068SB-0027M-0001-SO	3540C, 8082/DOD	T	30.29 g	10 mL		1 mL		
240-22663-C-41-A	068SB-0028M-0001-SO	3540C, 8082/DOD	T	30.12 g	10 mL		1 mL		
240-22663-C-43-A	068SB-0030M-0001-SO	3540C, 8082/DOD	T	29.91 g	10 mL		1 mL		
240-22663-C-44-A	068SB-0031M-0001-SO	3540C, 8082/DOD	T	29.64 g	10 mL		1 mL		
LCS 240-81736/23		3540C, 8082/DOD		30 g	10 mL	1 mL	1 mL		
MB 240-81736/24		3540C, 8082/DOD		30 g	10 mL		1 mL		

Batch Notes	
Acid used for Clean Up Reagent	924924
Balance ID	b036
Person's name who did the concentration	ac/mm/cc
Exchange Solvent Lot #	926689
Na2SO4 Lot Number	857437
Prep Solvent Lot #	928640

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.: 240-22663-1

SDG No.:

Batch Number: 81736 Batch Start Date: 04/12/13 14:25 Batch Analyst: Cerne, Amanda

Batch Method: 3540C Batch End Date: 04/13/13 06:25

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.: 240-22663-1

SDG No.:

Batch Number: 83675 Batch Start Date: 04/26/13 12:30 Batch Analyst: Shabani, Jawad

Batch Method: 3540C Batch End Date: 04/27/13 04:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EX10PPMSPK 00007	EX2/.2SURRW 00023		
240-22663-G-26-A	079SB-0026M-0001-SO	3540C, 8082/DOD	T	30.10 g	10 mL		1 mL		
240-22663-G-28-A	079SB-0028M-0001-SO	3540C, 8082/DOD	T	30.18 g	10 mL		1 mL		
MB 240-83675/20		3540C, 8082/DOD		30.00 g	10 mL		1 mL		
LCS 240-83675/21		3540C, 8082/DOD		30.00 g	10 mL	1 mL	1 mL		

Batch Notes	
Acid used for Clean Up Reagent	924924
Balance ID	B036
Exchange Solvent Lot #	926689
Na2SO4 Lot Number	857437
Prep Solvent Lot #	950630

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.: 240-22663-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 320-0003925-018-1.d

Lab ID: LCS 320-14079/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Nitroguanidine	1.00	0.880	88	72-121	

Column to be used to flag recovery and RPD values

FORM III 8330 Modified

FORM III
HPLC/IC MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 320-0003925-029-1.d

Lab ID: 240-22663-4 MS Client ID: 079SB-0014M-0001-SO MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Nitroguanidine	1.00	0.039 U	0.855	86	72-121	

Column to be used to flag recovery and RPD values

FORM III 8330 Modified

FORM III
HPLC/IC MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 320-0003925-030-1.d

Lab ID: 240-22663-4 MSD Client ID: 079SB-0014M-0001-SO MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Nitroguanidine	0.980	0.845	86	1	20	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.: 240-22663-1

SDG No.:

Lab File ID: 320-0003925-017-1.d Lab Sample ID: MB 320-14079/1-A

Matrix: Solid Date Extracted: 04/11/2013 10:07

Instrument ID: PDA1 Date Analyzed: 04/16/2013 17:06

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 320-14079/2-A	320-0003925-018-1.d	04/16/2013 17:24
079SB-0014M-0001-SO	240-22663-4	320-0003925-028-1.d	04/16/2013 20:22
079SB-0014M-0001-SO MS	240-22663-4 MS	320-0003925-029-1.d	04/16/2013 20:39
079SB-0014M-0001-SO MSD	240-22663-4 MSD	320-0003925-030-1.d	04/16/2013 20:57
079SB-0017M-0001-SO	240-22663-7	320-0003925-031-1.d	04/16/2013 21:15
073SB-0041M-0001-SO	240-22663-17	320-0003925-032-1.d	04/16/2013 21:33
079SB-0026M-0001-SO	240-22663-26	320-0003925-033-1.d	04/16/2013 21:50
079SB-0028M-0001-SO	240-22663-28	320-0003925-034-1.d	04/16/2013 22:08

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Client Sample ID: 079SB-0014M-0001-SO Lab Sample ID: 240-22663-4

Matrix: Solid Lab File ID: 320-0003925-028-1.d

Analysis Method: 8330 Modified Date Collected: 04/01/2013 10:12

Extraction Method: Sieve/Ultrasoni Date Extracted: 04/11/2013 10:07

Sample wt/vol: 2.05(g) Date Analyzed: 04/16/2013 20:22

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 14432 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.039	U	0.24	0.039	0.020

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-028-1.d		
Lims ID:	240-22663-F-4-D	Client ID:	079SB-0014M-0001-SO
Inject. Date:	16-Apr-2013 20:22:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0003925-028 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14432	Lims Sample ID:	28
Detector:	GC 320-0003925-028-1		
Method:	\\SACChrom\ChromData\PDA1\20130416-3925.b\NGu Primary.m		
Last Update:	17-Apr-2013 09:35:35	Calib Date:	09-Apr-2013 14:50:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: russellk Date: 17-Apr-2013 09:36:05

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags

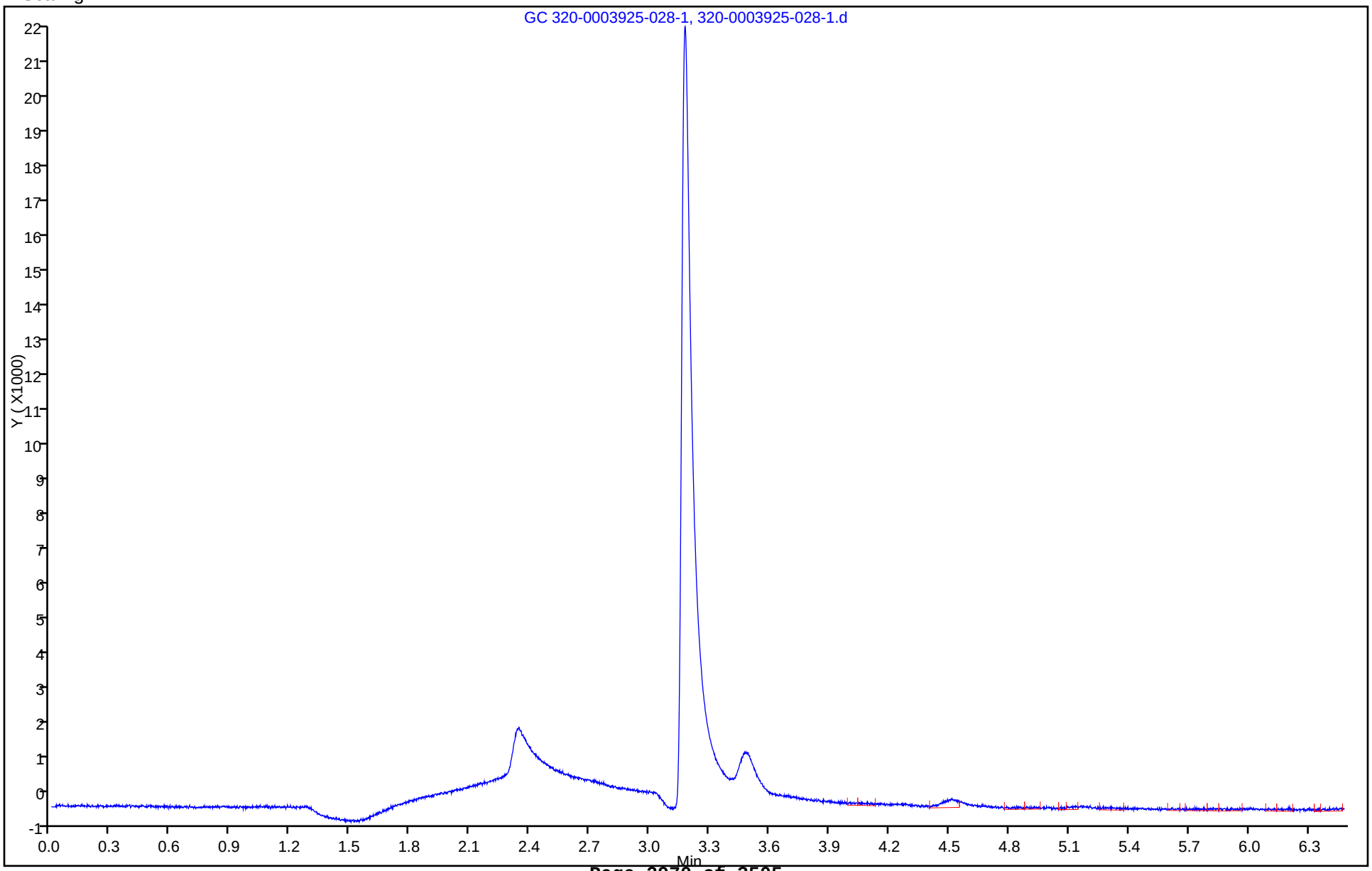
Report Date: 17-Apr-2013 09:36:05 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-028-1.d

Injection Date:	16-Apr-2013 20:22:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	079SB-0014M-0001-SO	Instrument ID:	PDA1
Lims Batch ID:	14432	Lims Sample ID:	28
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.: 240-22663-1

SDG No.:

Client Sample ID: 079SB-0017M-0001-SO Lab Sample ID: 240-22663-7

Matrix: Solid Lab File ID: 320-0003925-031-1.d

Analysis Method: 8330 Modified Date Collected: 04/01/2013 09:24

Extraction Method: Sieve/Ultrasoni Date Extracted: 04/11/2013 10:07

Sample wt/vol: 2.00(g) Date Analyzed: 04/16/2013 21:15

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 14432 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.040	U	0.25	0.040	0.020

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-031-1.d		
Lims ID:	240-22663-F-7-B	Client ID:	079SB-0017M-0001-SO
Inject. Date:	16-Apr-2013 21:15:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0003925-031 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14432	Lims Sample ID:	31
Detector:	GC 320-0003925-031-1		
Method:	\\SACChrom\ChromData\PDA1\20130416-3925.b\NGu Primary.m		
Last Update:	17-Apr-2013 09:36:30	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:	XAWRK013		

First Level Reviewer: russellk Date: 17-Apr-2013 09:36:52

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags

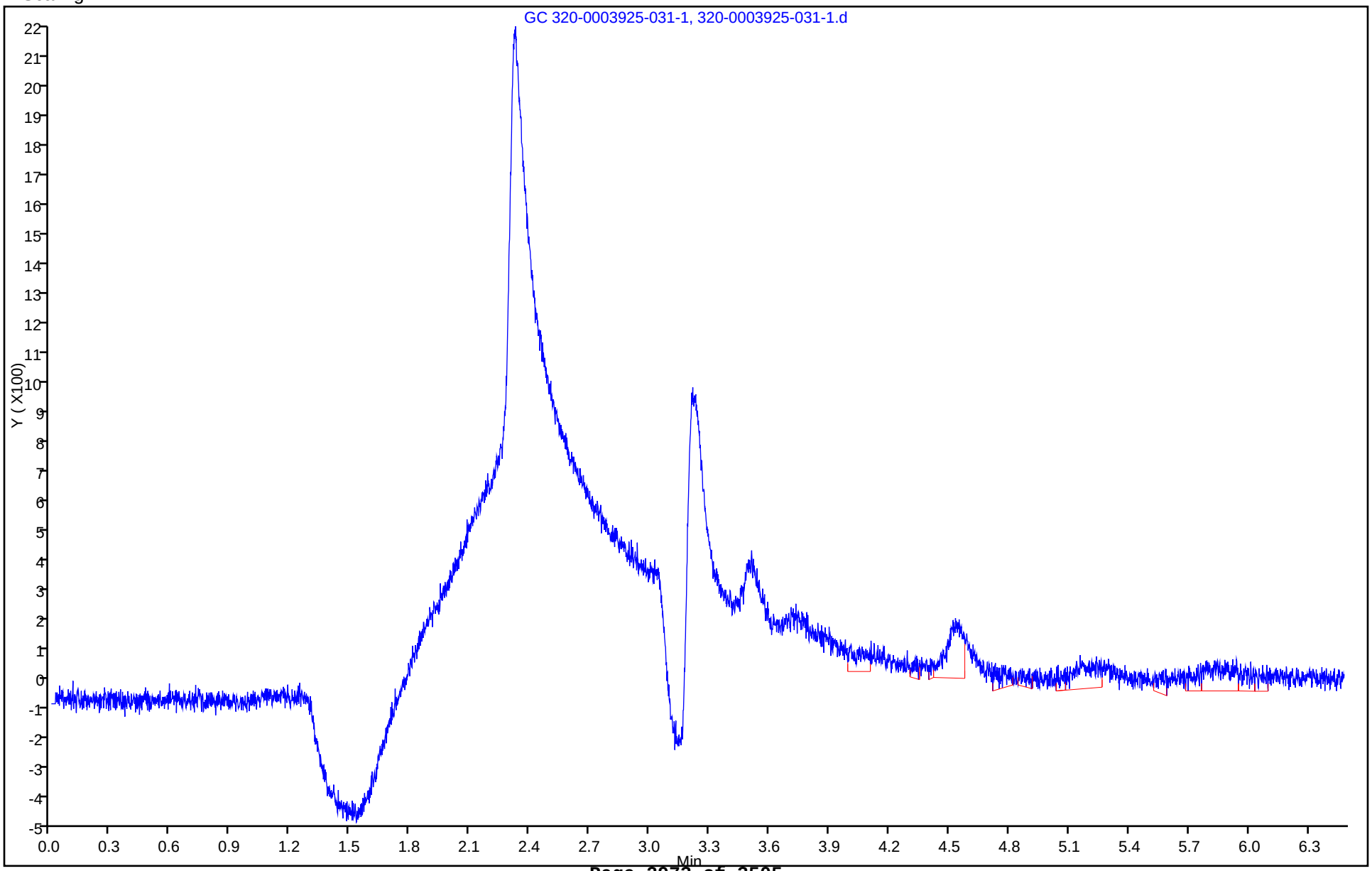
Report Date: 17-Apr-2013 09:36:52 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-031-1.d

Injection Date:	16-Apr-2013 21:15:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	079SB-0017M-0001-SO	Instrument ID:	PDA1
Lims Batch ID:	14432	Lims Sample ID:	31
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.: 240-22663-1

SDG No.:

Client Sample ID: 073SB-0041M-0001-SO Lab Sample ID: 240-22663-17

Matrix: Solid Lab File ID: 320-0003925-032-1.d

Analysis Method: 8330 Modified Date Collected: 04/01/2013 13:03

Extraction Method: Sieve/Ultrasoni Date Extracted: 04/11/2013 10:07

Sample wt/vol: 2.06(g) Date Analyzed: 04/16/2013 21:33

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 14432 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.039	U	0.24	0.039	0.019

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-032-1.d		
Lims ID:	240-22663-F-17-B	Client ID:	073SB-0041M-0001-SO
Inject. Date:	16-Apr-2013 21:33:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0003925-032 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14432	Lims Sample ID:	32
Detector:	GC 320-0003925-032-1		
Method:	\\SACChrom\ChromData\PDA1\20130416-3925.b\NGu Primary.m		
Last Update:	17-Apr-2013 09:36:30	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:	XAWRK013		

First Level Reviewer: russellk Date: 17-Apr-2013 09:37:10

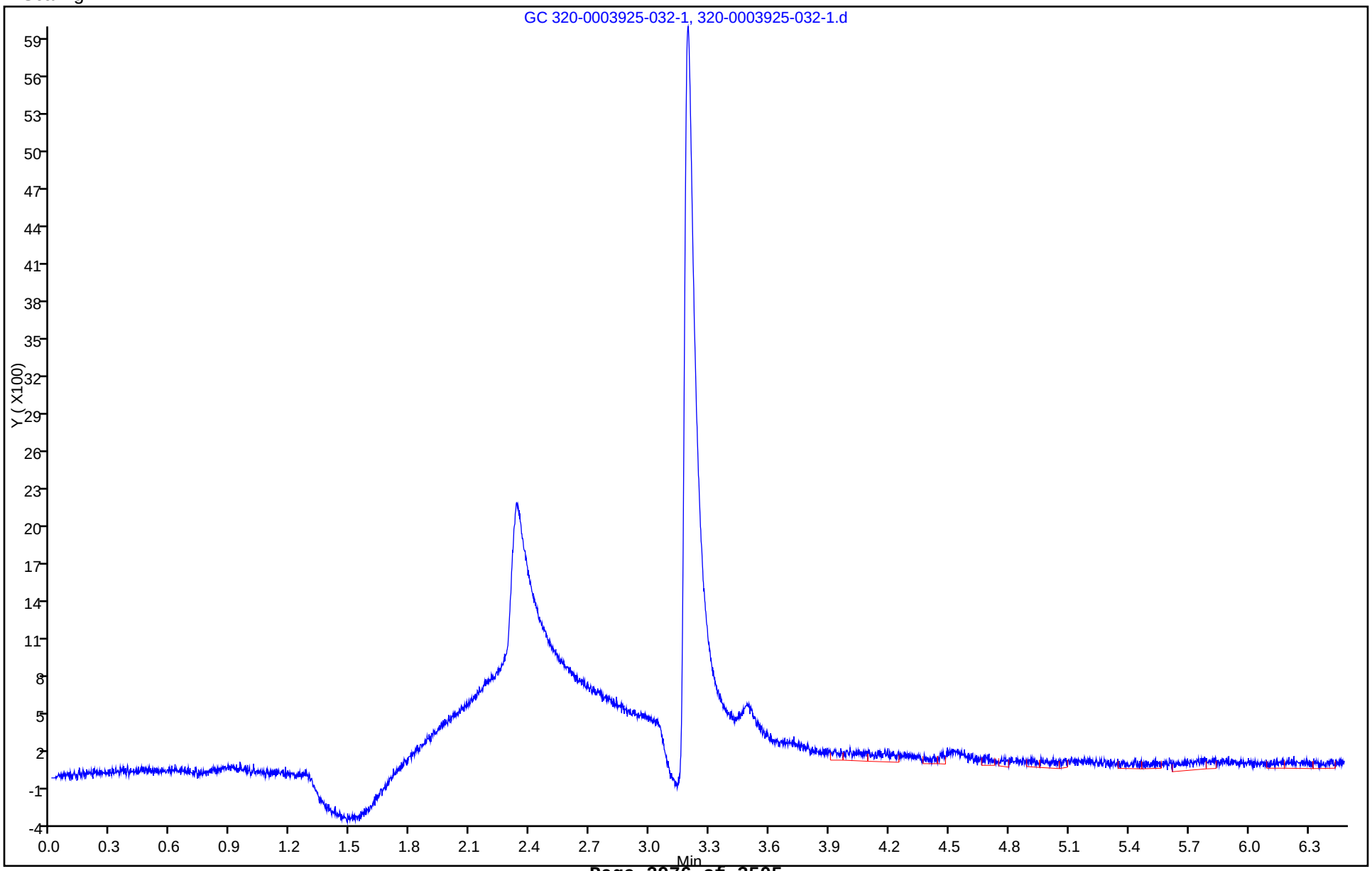
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags

Report Date: 17-Apr-2013 09:37:10 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-032-1.d		
Injection Date:	16-Apr-2013 21:33:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	073SB-0041M-0001-SO	Instrument ID:	PDA1
Lims Batch ID:	14432	Lims Sample ID:	32
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.: 240-22663-1

SDG No.:

Client Sample ID: 079SB-0026M-0001-SO Lab Sample ID: 240-22663-26

Matrix: Solid Lab File ID: 320-0003925-033-1.d

Analysis Method: 8330 Modified Date Collected: 04/01/2013 10:37

Extraction Method: Sieve/Ultrasoni Date Extracted: 04/11/2013 10:07

Sample wt/vol: 2.04(g) Date Analyzed: 04/16/2013 21:50

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 14432 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.039	U	0.25	0.039	0.020

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-033-1.d		
Lims ID:	240-22663-F-26-B	Client ID:	079SB-0026M-0001-SO
Inject. Date:	16-Apr-2013 21:50:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0003925-033 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14432	Lims Sample ID:	33
Detector:	GC 320-0003925-033-1		
Method:	\\SACChrom\ChromData\PDA1\20130416-3925.b\NGu Primary.m		
Last Update:	17-Apr-2013 09:36:30	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:	XAWRK013		

First Level Reviewer: russellk Date: 17-Apr-2013 09:37:18

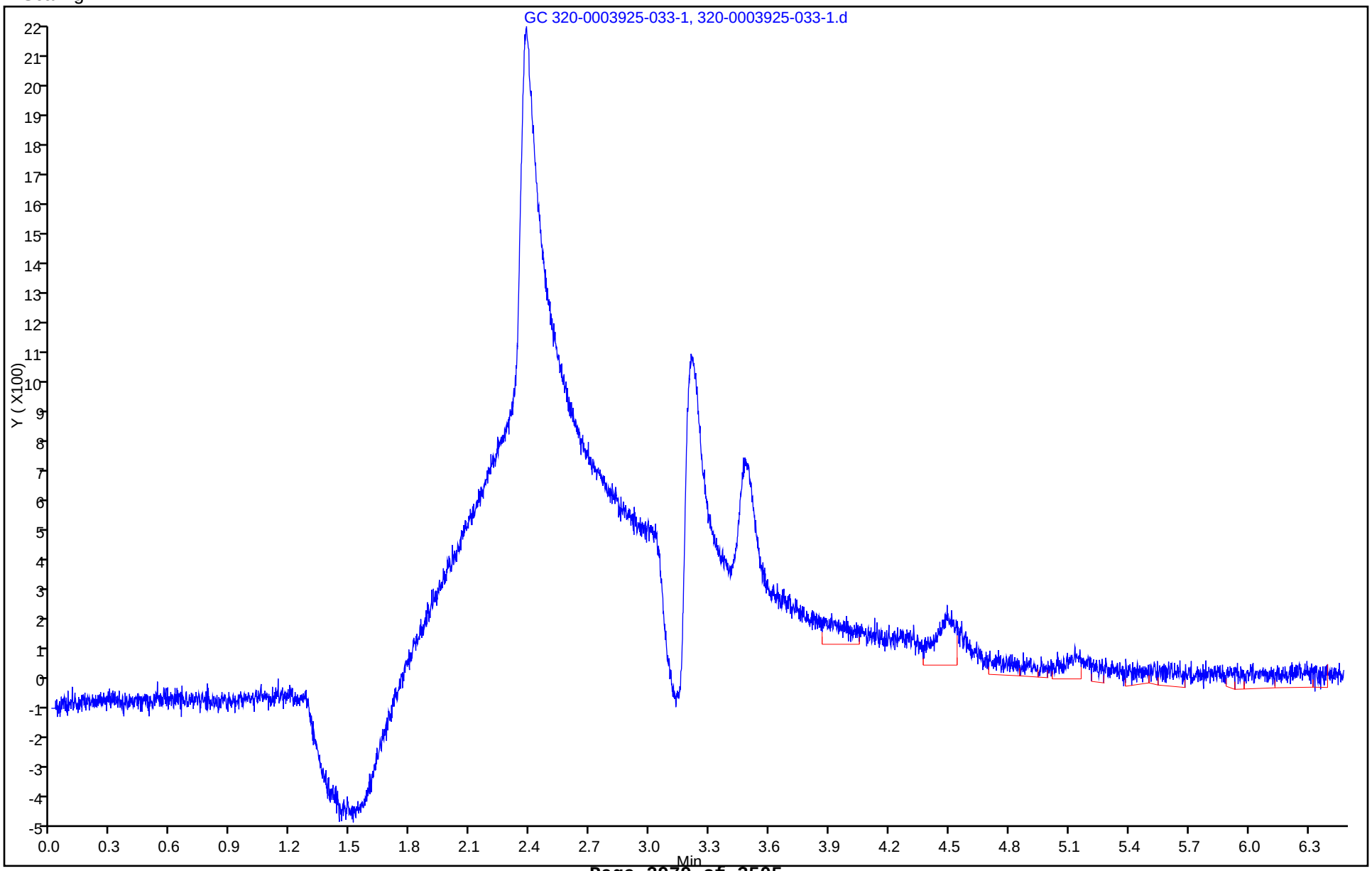
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags

Report Date: 17-Apr-2013 09:37:18 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-033-1.d		
Injection Date:	16-Apr-2013 21:50:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	079SB-0026M-0001-SO	Instrument ID:	PDA1
Lims Batch ID:	14432	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 I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Client Sample ID: 079SB-0028M-0001-SO Lab Sample ID: 240-22663-28

Matrix: Solid Lab File ID: 320-0003925-034-1.d

Analysis Method: 8330 Modified Date Collected: 04/01/2013 10:43

Extraction Method: Sieve/Ultrasoni Date Extracted: 04/11/2013 10:07

Sample wt/vol: 2.01(g) Date Analyzed: 04/16/2013 22:08

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.: 14432 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.040	U	0.25	0.040	0.020

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-034-1.d		
Lims ID:	240-22663-F-28-B	Client ID:	079SB-0028M-0001-SO
Inject. Date:	16-Apr-2013 22:08:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0003925-034 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14432	Lims Sample ID:	34
Detector:	GC 320-0003925-034-1		
Method:	\\SACChrom\ChromData\PDA1\20130416-3925.b\NGu Primary.m		
Last Update:	17-Apr-2013 09:36:30	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:	XAWRK013		

First Level Reviewer: russellk Date: 17-Apr-2013 09:37:27

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags

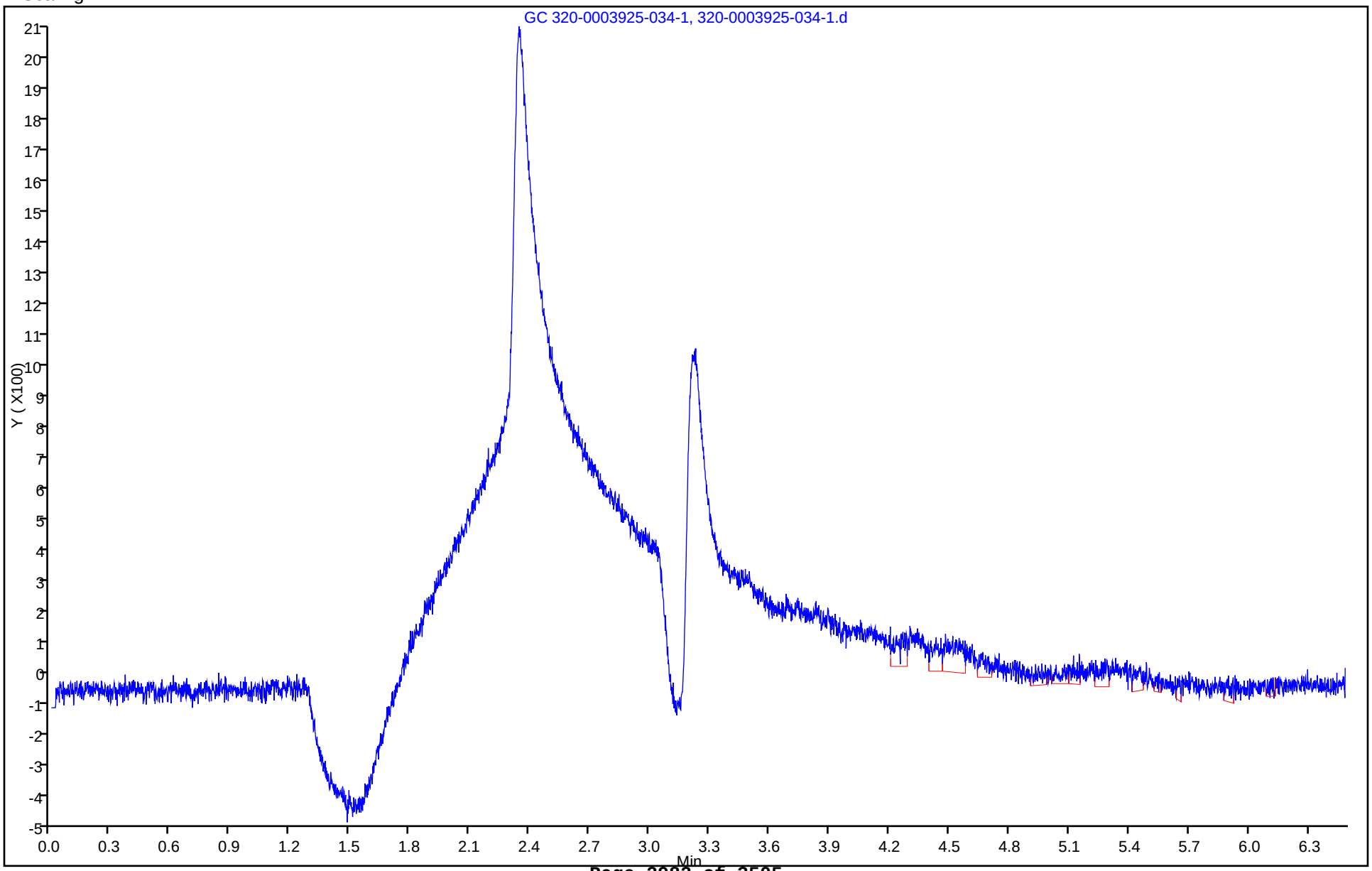
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TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-034-1.d

Injection Date:	16-Apr-2013 22:08:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	079SB-0028M-0001-SO	Instrument ID:	PDA1
Lims Batch ID:	14432	Lims Sample ID:	34
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.: 240-22663-1 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.: 240-22663-1 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.: 240-22663-1 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	

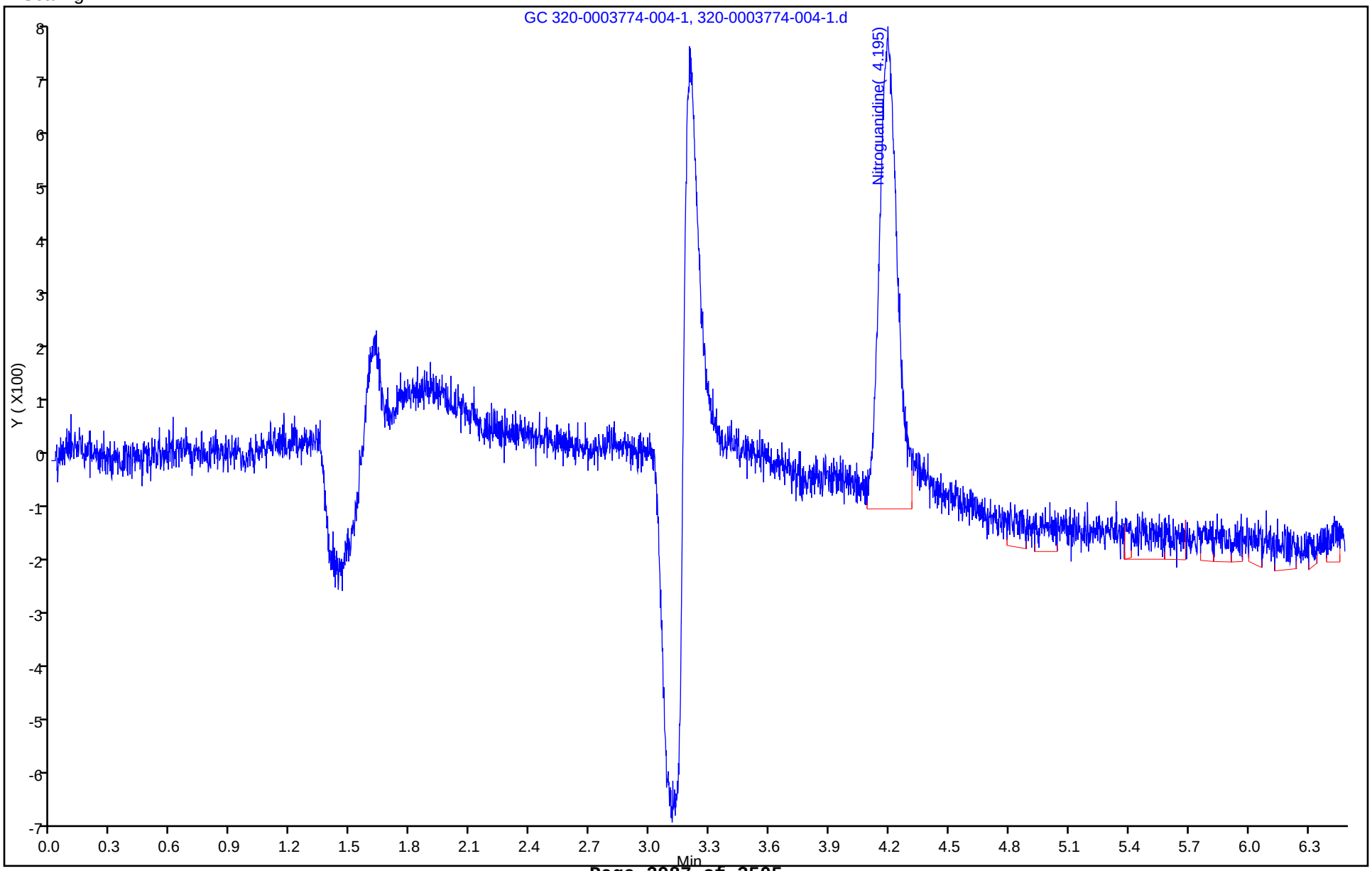
Report Date: 10-Apr-2013 10:05:30 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

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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	

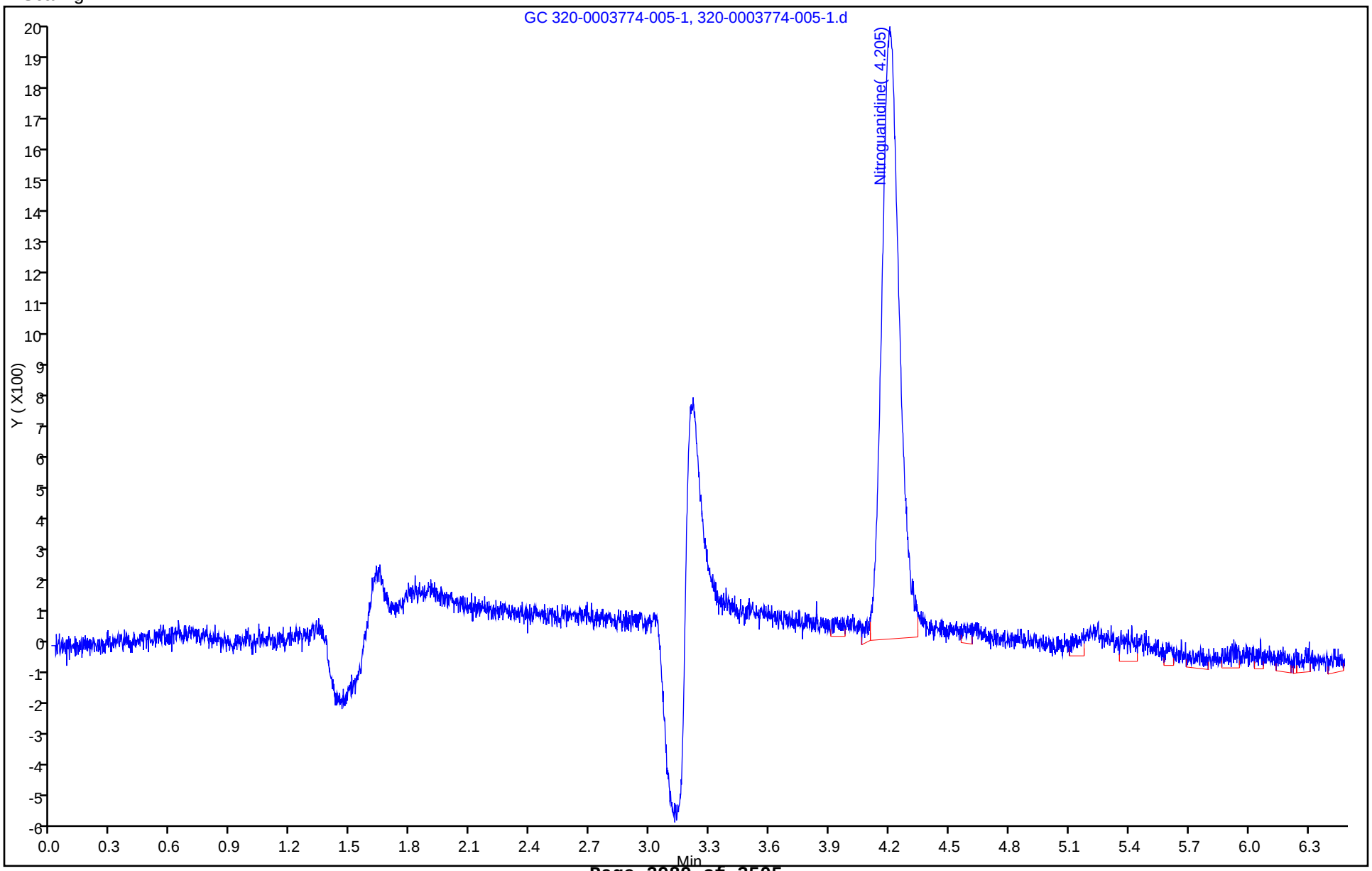
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TestAmerica Sacramento

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	

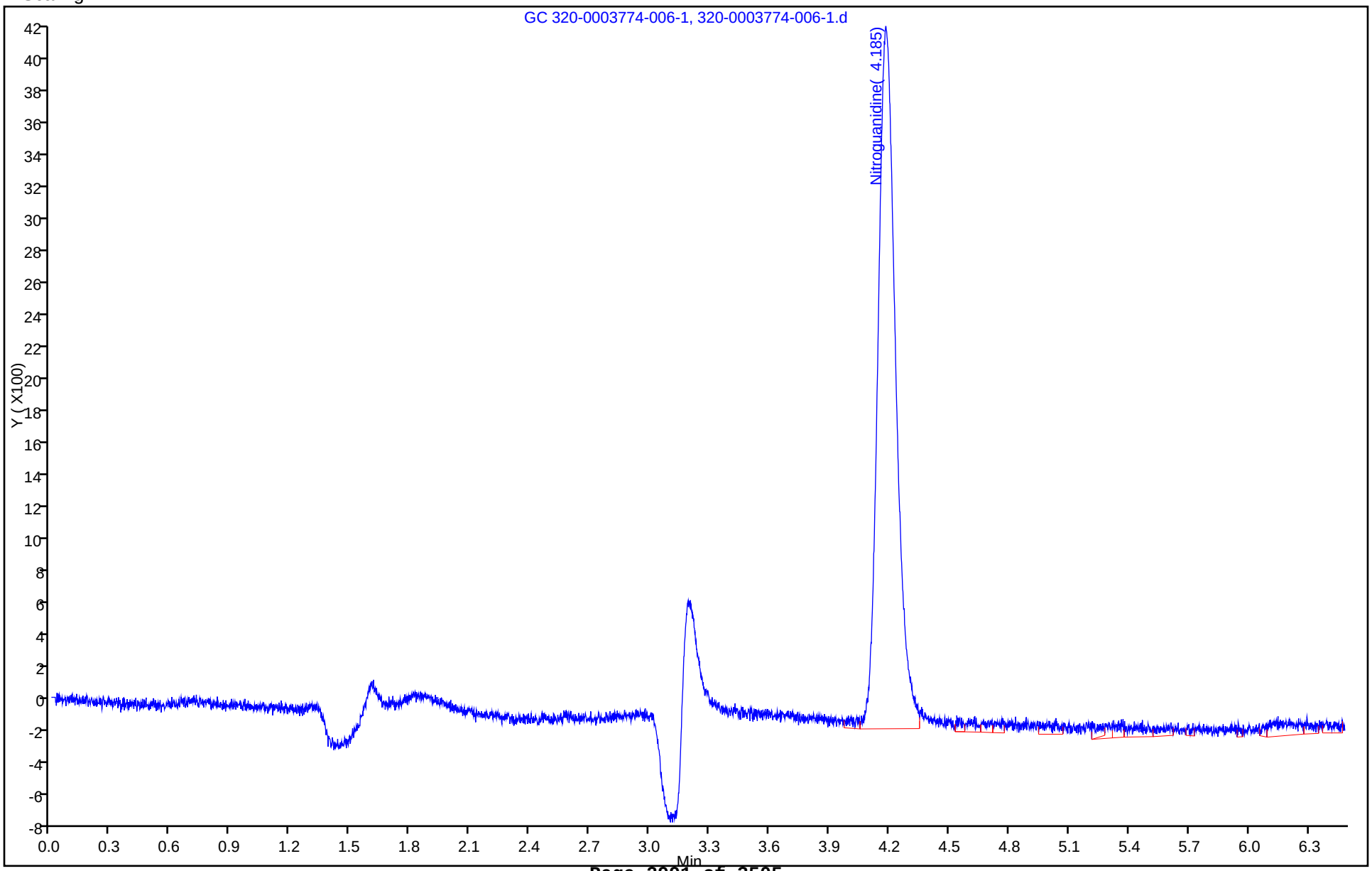
Report Date: 10-Apr-2013 10:05:31 Chrom Revision: 2.1 07-Apr-2013 20:36:54

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	

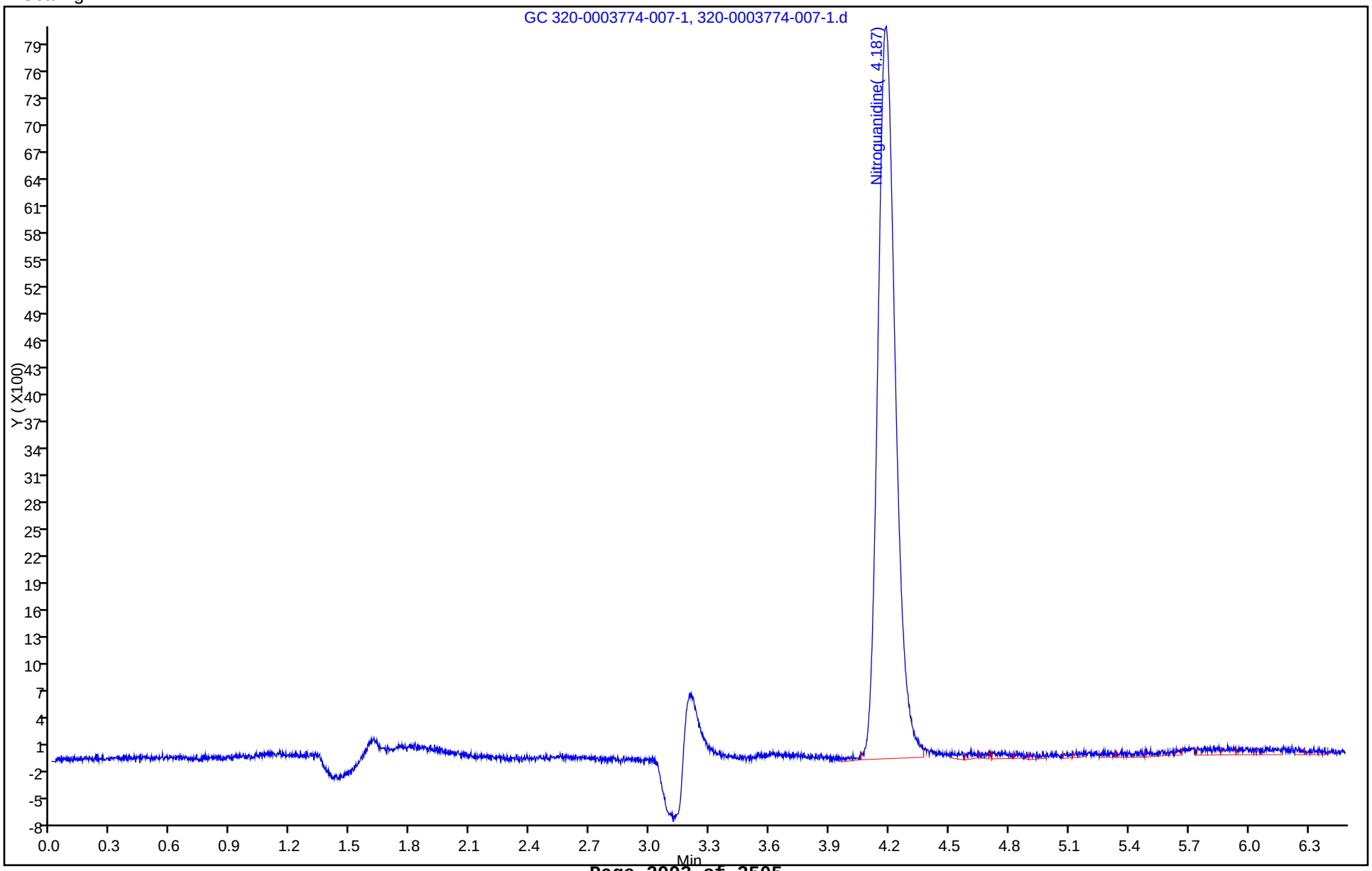
Report Date: 10-Apr-2013 10:05:31 Chrom Revision: 2.1 07-Apr-2013 20:36:54

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	

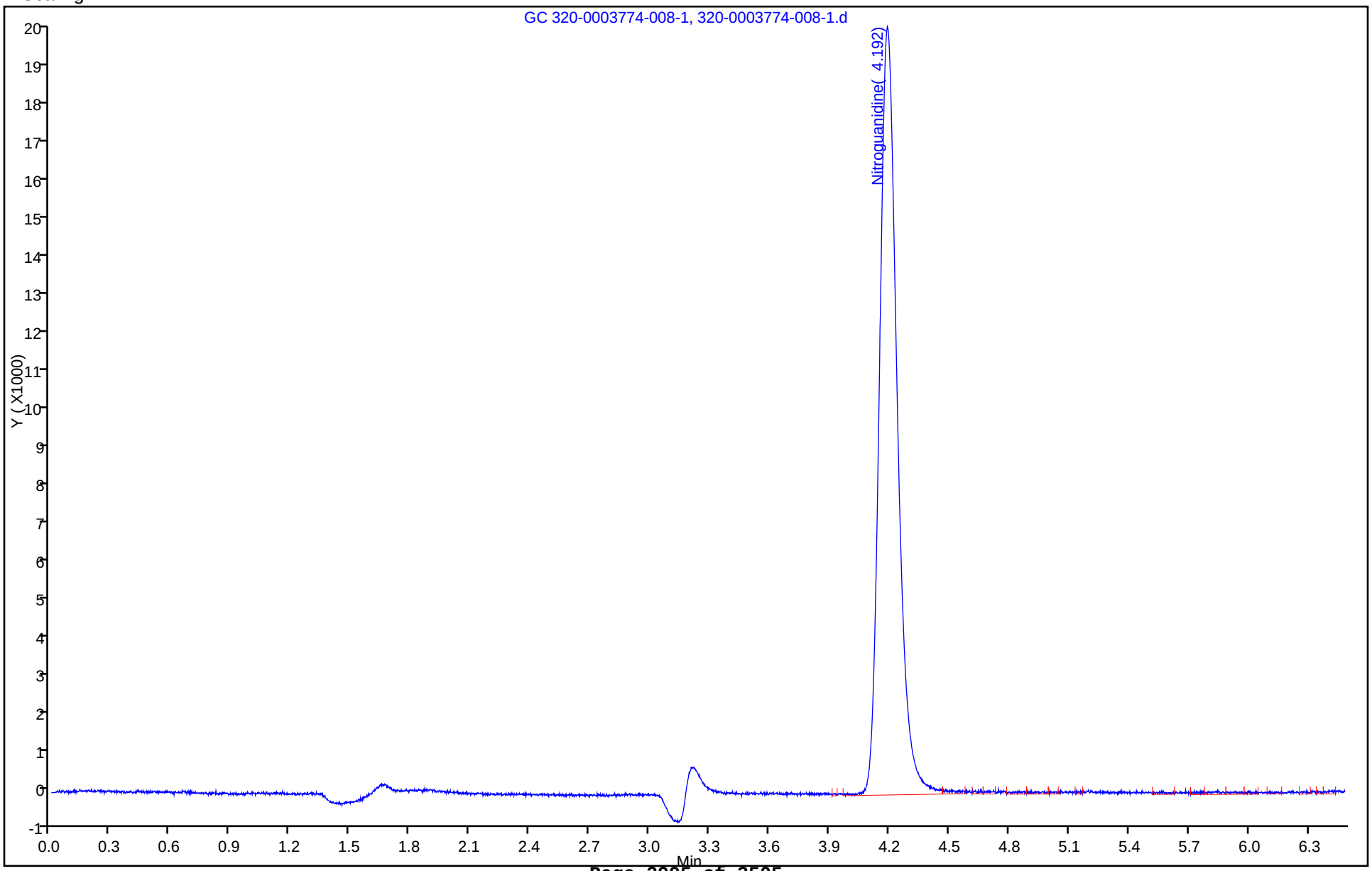
Report Date: 10-Apr-2013 10:05:32 Chrom Revision: 2.1 07-Apr-2013 20:36:54

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	

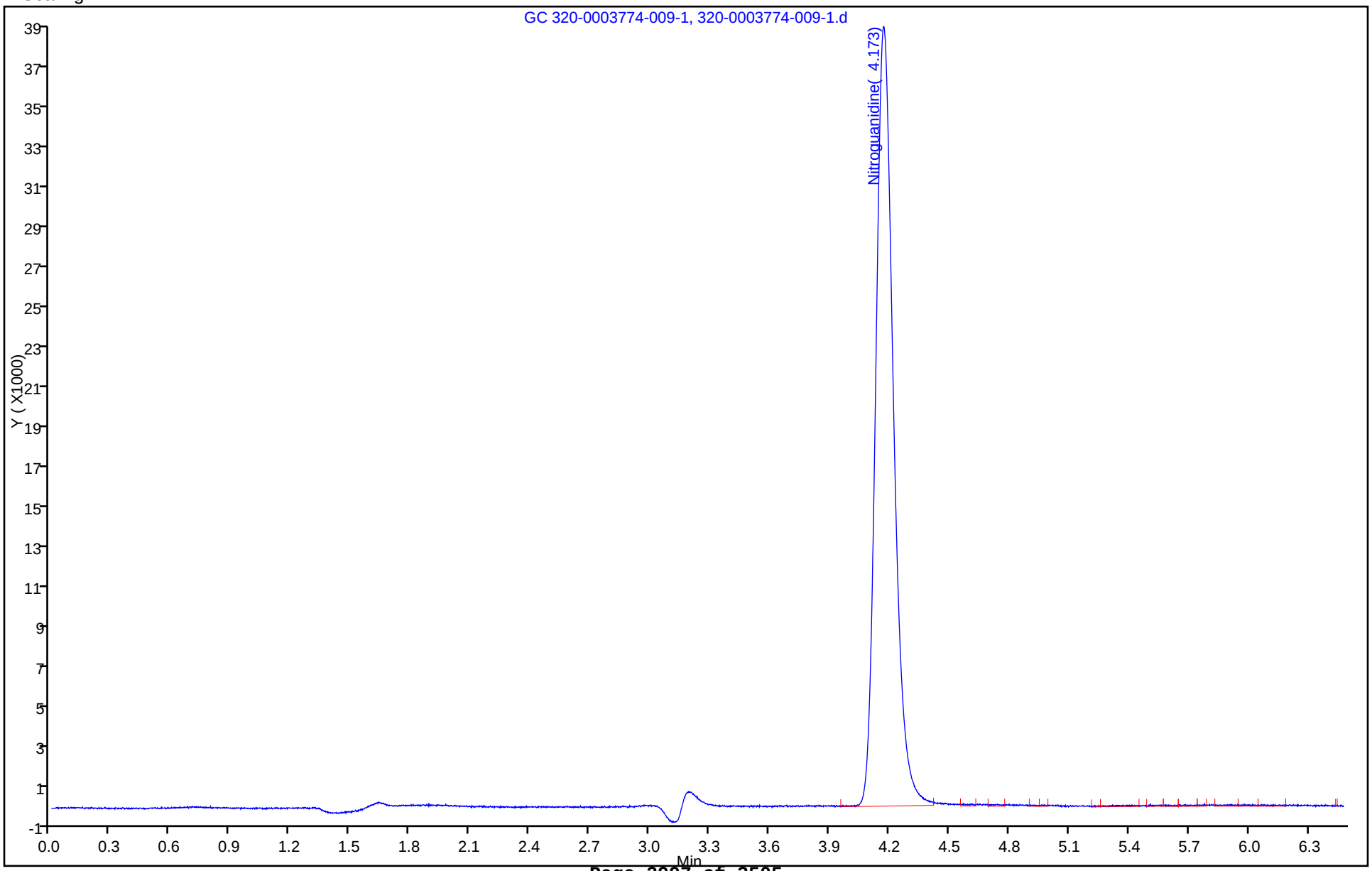
Report Date: 10-Apr-2013 10:05:32 Chrom Revision: 2.1 07-Apr-2013 20:36:54

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.: 240-22663-1

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.: 240-22663-1

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	

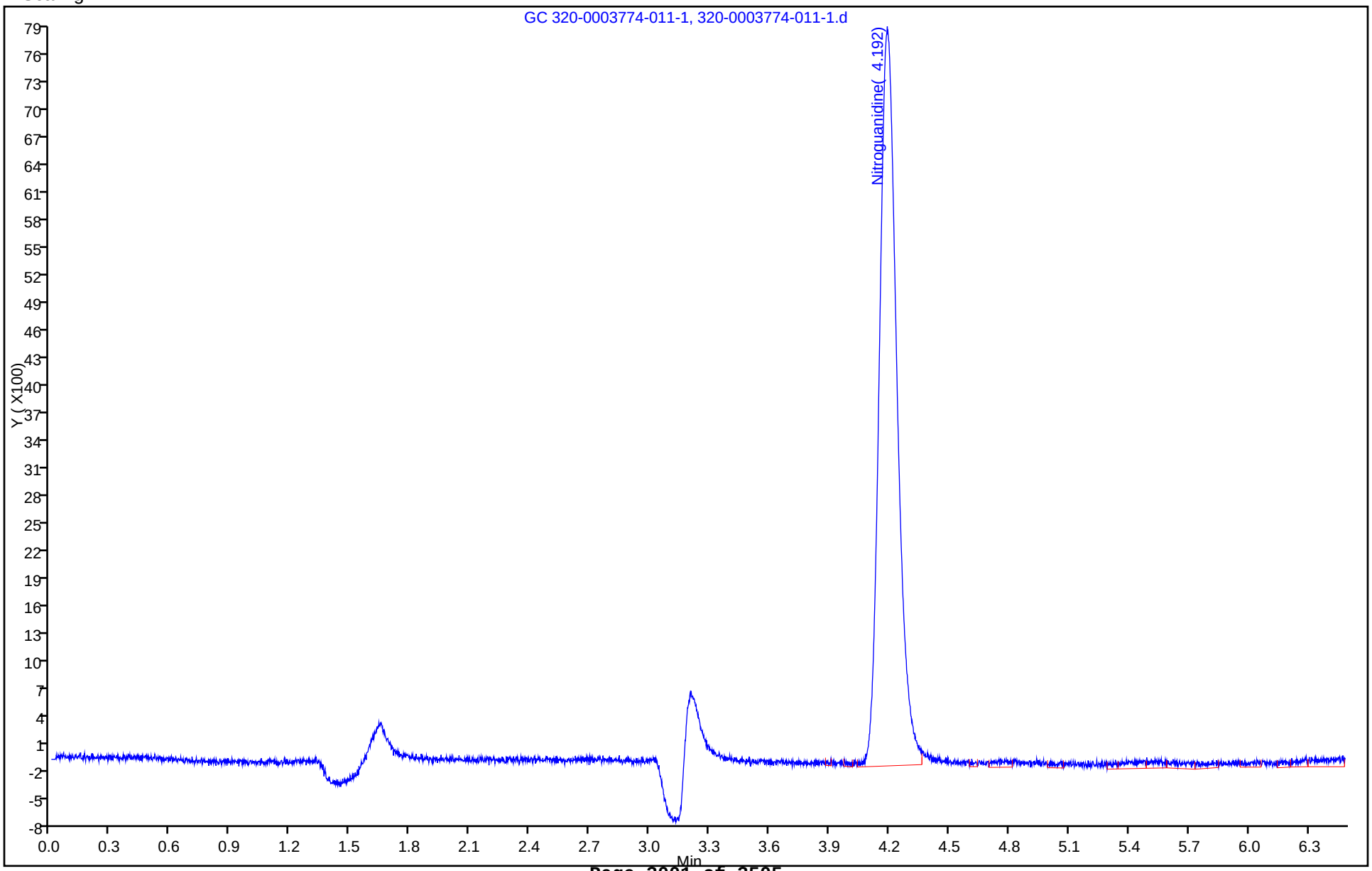
Report Date: 10-Apr-2013 10:05:33 Chrom Revision: 2.1 07-Apr-2013 20:36:54

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.: 240-22663-1

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.: 240-22663-1

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

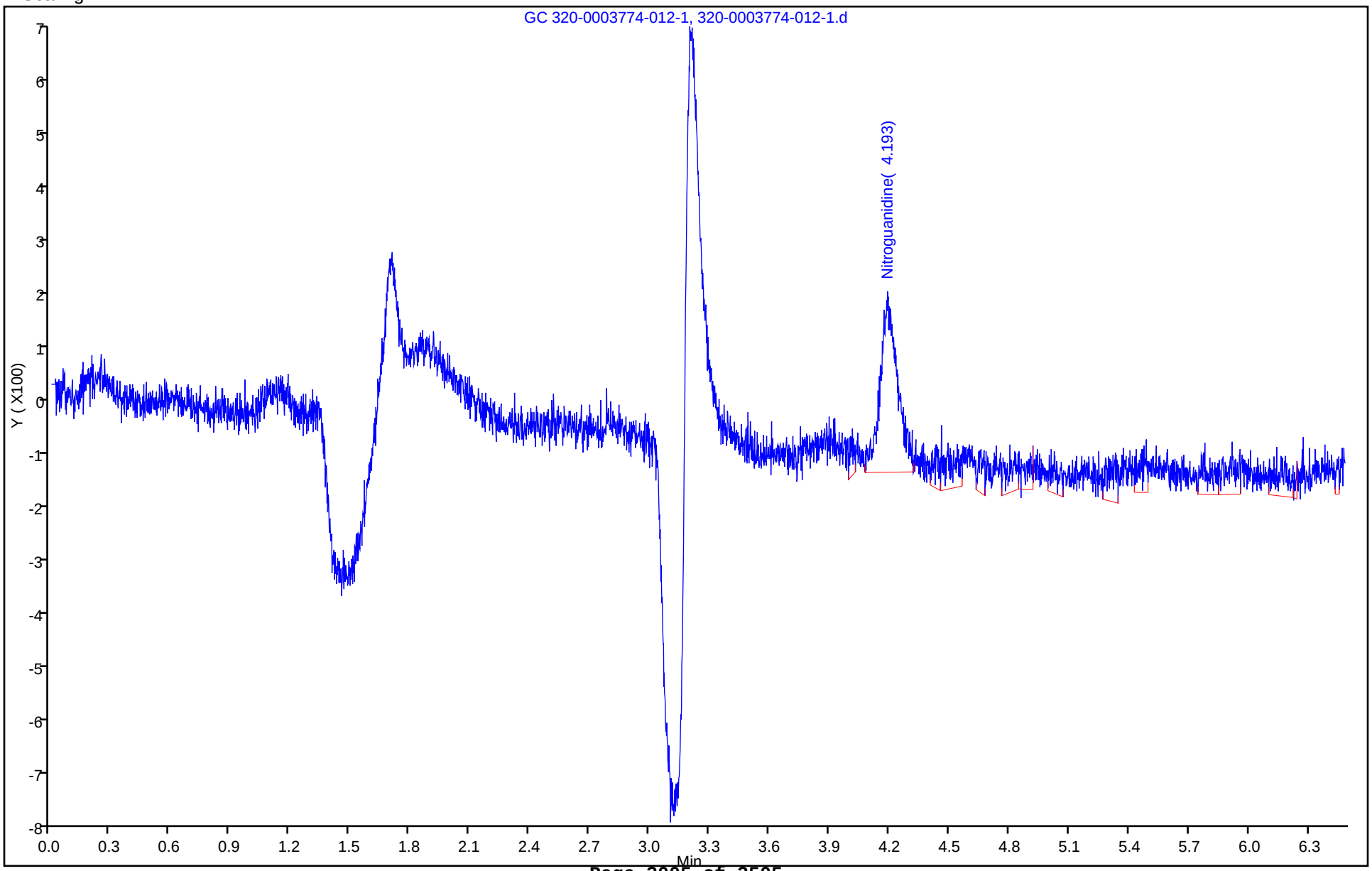
Report Date: 10-Apr-2013 10:05:33 Chrom Revision: 2.1 07-Apr-2013 20:36:54

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

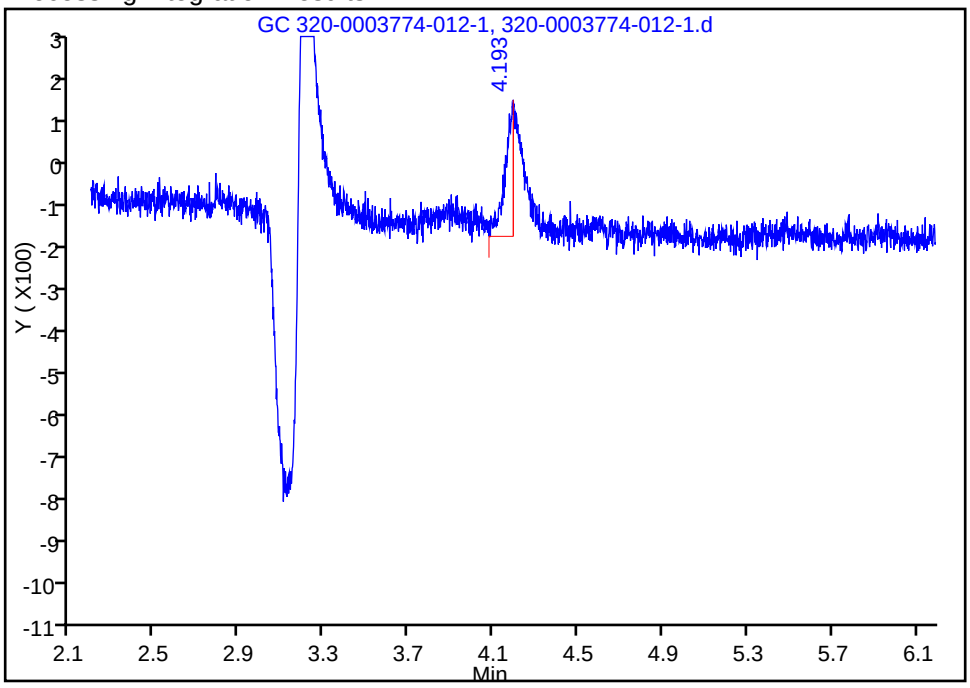
TestAmerica Sacramento

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

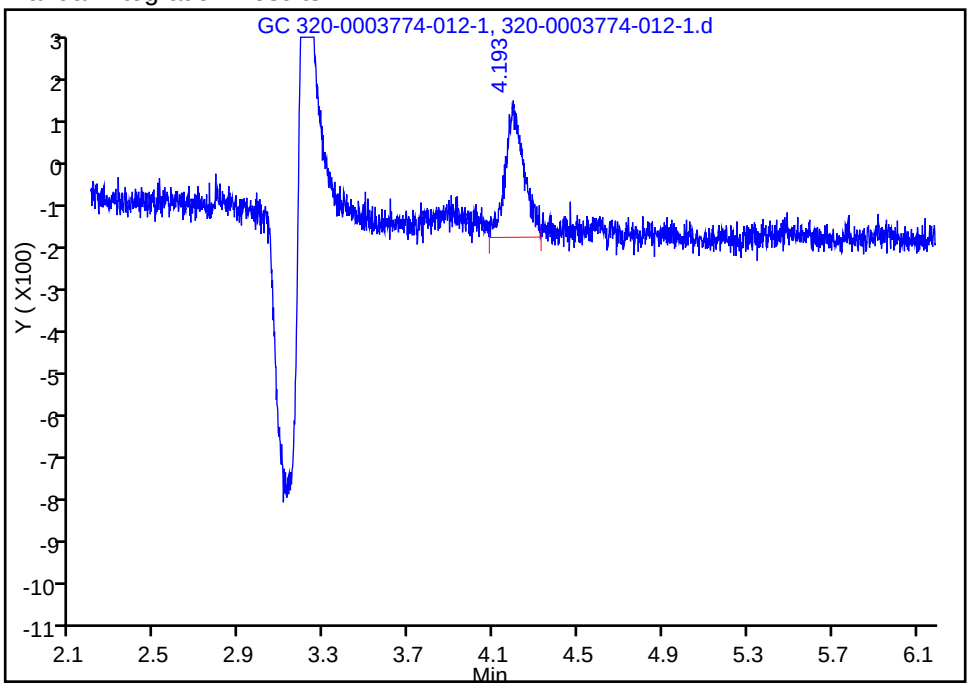
Processing Integration Results

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.: 240-22663-1

SDG No.:

Lab Sample ID: CCVL 320-14432/4 Calibration Date: 04/16/2013 13:16

Instrument ID: PDA1 Calib Start Date: 04/09/2013 13:21

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 04/09/2013 14:50

Lab File ID: 320-0003925-004-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	40.95	42.85		20.9	20.0	4.6	30.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCVL 320-14432/4 Calibration Date: 04/16/2013 13:16

Instrument ID: PDA1 Calib Start Date: 04/09/2013 13:21

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 04/09/2013 14:50

Lab File ID: 320-0003925-004-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.22	3.97	4.47

Form VII 8330 Modified

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-004-1.d		
Lims ID:	CCVL	Client ID:	
Inject. Date:	16-Apr-2013 13:16:00	Dil. Factor:	1.0000
Sample Type:	CCVL		
Sample ID:	320-0003925-004 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14432	Lims Sample ID:	4
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0003925-004-1		
Method:	\\SACChrom\ChromData\PDA1\20130416-3925.b\NGu Primary.m		
Last Update:	16-Apr-2013 16:06:02	Calib Date:	09-Apr-2013 14:50:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK022		
First Level Reviewer: russellk		Date:	16-Apr-2013 13:38:13

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.223	4.223	0.0	857	20.9	

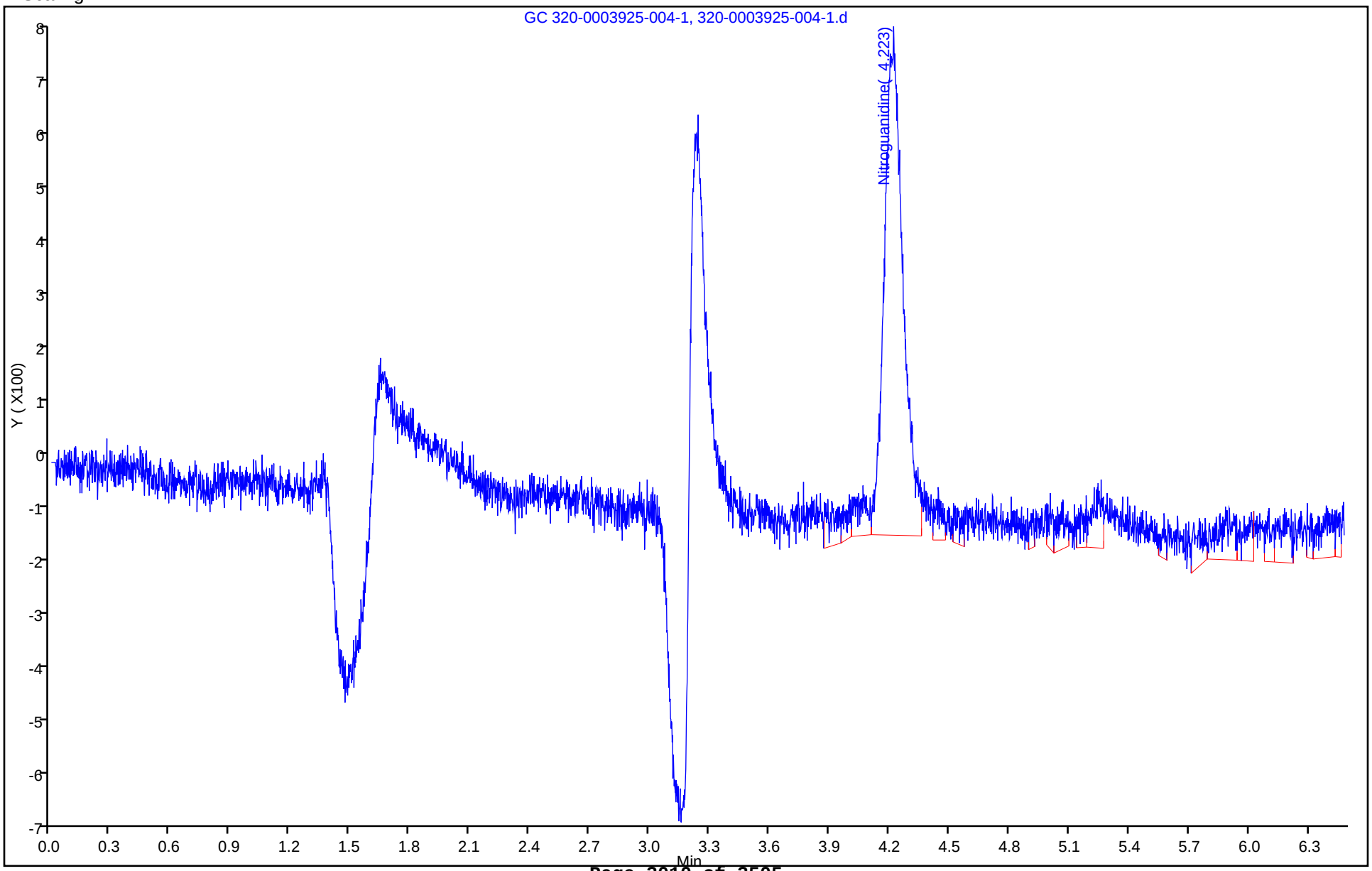
Report Date: 16-Apr-2013 16:06:03 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-004-1.d

Injection Date:	16-Apr-2013 13:16:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	14432	Lims Sample ID:	4
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 320-14432/15 Calibration Date: 04/16/2013 16:31

Instrument ID: PDA1 Calib Start Date: 04/09/2013 13:21

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 04/09/2013 14:50

Lab File ID: 320-0003925-015-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	40.95	41.96		102	100	2.5	15.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 320-14432/15 Calibration Date: 04/16/2013 16:31

Instrument ID: PDA1 Calib Start Date: 04/09/2013 13:21

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 04/09/2013 14:50

Lab File ID: 320-0003925-015-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.23	3.98	4.48

Form VII 8330 Modified

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-015-1.d		
Lims ID:	CCV 04	Client ID:	
Inject. Date:	16-Apr-2013 16:31:00	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	320-0003925-015 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14432	Lims Sample ID:	15
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0003925-015-1		
Method:	\\SACChrom\ChromData\PDA1\20130416-3925.b\NGu Primary.m		
Last Update:	16-Apr-2013 16:45:19	Calib Date:	09-Apr-2013 14:50:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK022		

First Level Reviewer: russellk Date: 16-Apr-2013 16:45:19

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.228	4.228	0.0	4196	102.5	

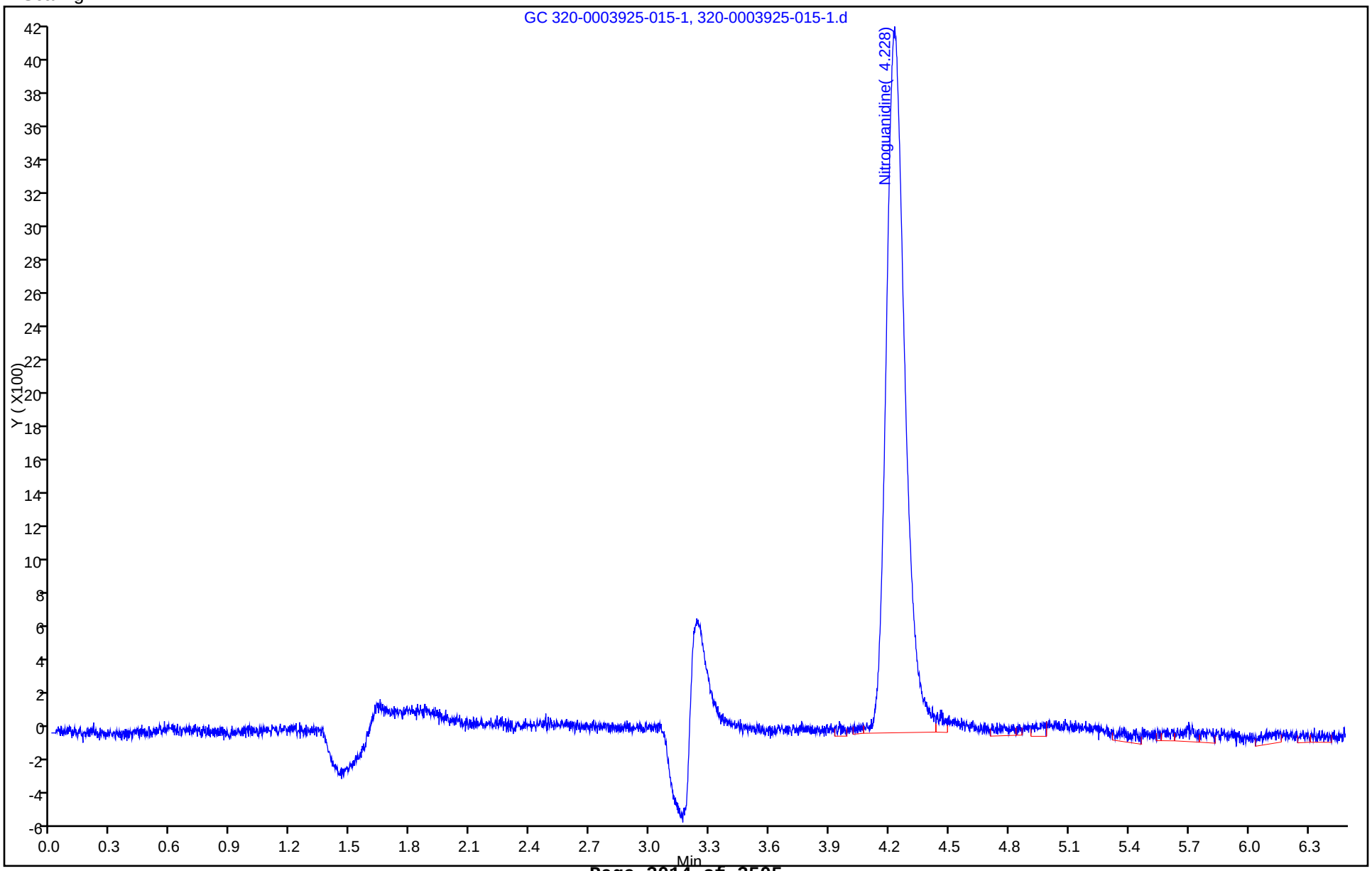
Report Date: 16-Apr-2013 16:45:19 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-015-1.d

Injection Date:	16-Apr-2013 16:31:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	14432	Lims Sample ID:	15
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 320-14432/26 Calibration Date: 04/16/2013 19:46

Instrument ID: PDA1 Calib Start Date: 04/09/2013 13:21

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 04/09/2013 14:50

Lab File ID: 320-0003925-026-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	40.95	41.78		102	100	2.0	15.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 320-14432/26 Calibration Date: 04/16/2013 19:46

Instrument ID: PDA1 Calib Start Date: 04/09/2013 13:21

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 04/09/2013 14:50

Lab File ID: 320-0003925-026-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.21	3.96	4.46

Form VII 8330 Modified

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-026-1.d		
Lims ID:	CCV 04	Client ID:	
Inject. Date:	16-Apr-2013 19:46:00	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	320-0003925-026 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14432	Lims Sample ID:	26
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0003925-026-1		
Method:	\\SACChrom\ChromData\PDA1\20130416-3925.b\NGu Primary.m		
Last Update:	17-Apr-2013 09:35:35	Calib Date:	09-Apr-2013 14:50:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: russellk Date: 17-Apr-2013 09:35:35

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.205	4.205	0.0	4178	102.0	

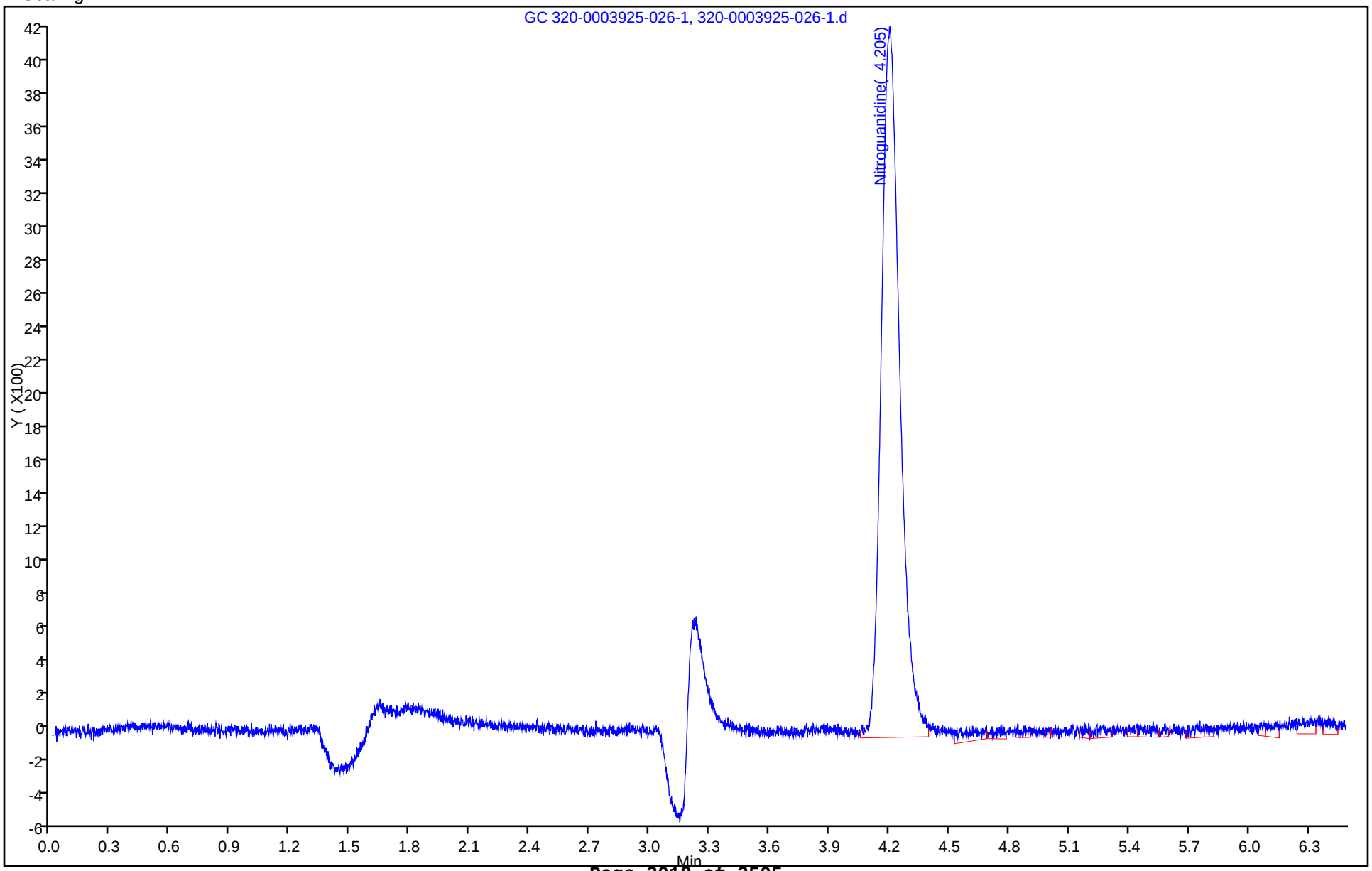
Report Date: 17-Apr-2013 09:35:35 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-026-1.d

Injection Date:	16-Apr-2013 19:46:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	14432	Lims Sample ID:	26
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 320-14432/35 Calibration Date: 04/16/2013 22:26

Instrument ID: PDA1 Calib Start Date: 04/09/2013 13:21

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 04/09/2013 14:50

Lab File ID: 320-0003925-035-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	40.95	41.95		102	100	2.4	15.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 320-14432/35 Calibration Date: 04/16/2013 22:26

Instrument ID: PDA1 Calib Start Date: 04/09/2013 13:21

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 04/09/2013 14:50

Lab File ID: 320-0003925-035-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.22	3.97	4.47

Form VII 8330 Modified

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-035-1.d		
Lims ID:	CCV 04	Client ID:	
Inject. Date:	16-Apr-2013 22:26:00	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	320-0003925-035 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14432	Lims Sample ID:	35
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0003925-035-1		
Method:	\\SACChrom\ChromData\PDA1\20130416-3925.b\NGu Primary.m		
Last Update:	17-Apr-2013 09:40:27	Calib Date:	09-Apr-2013 14:50:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.215	4.215	0.0	4195	102.4	

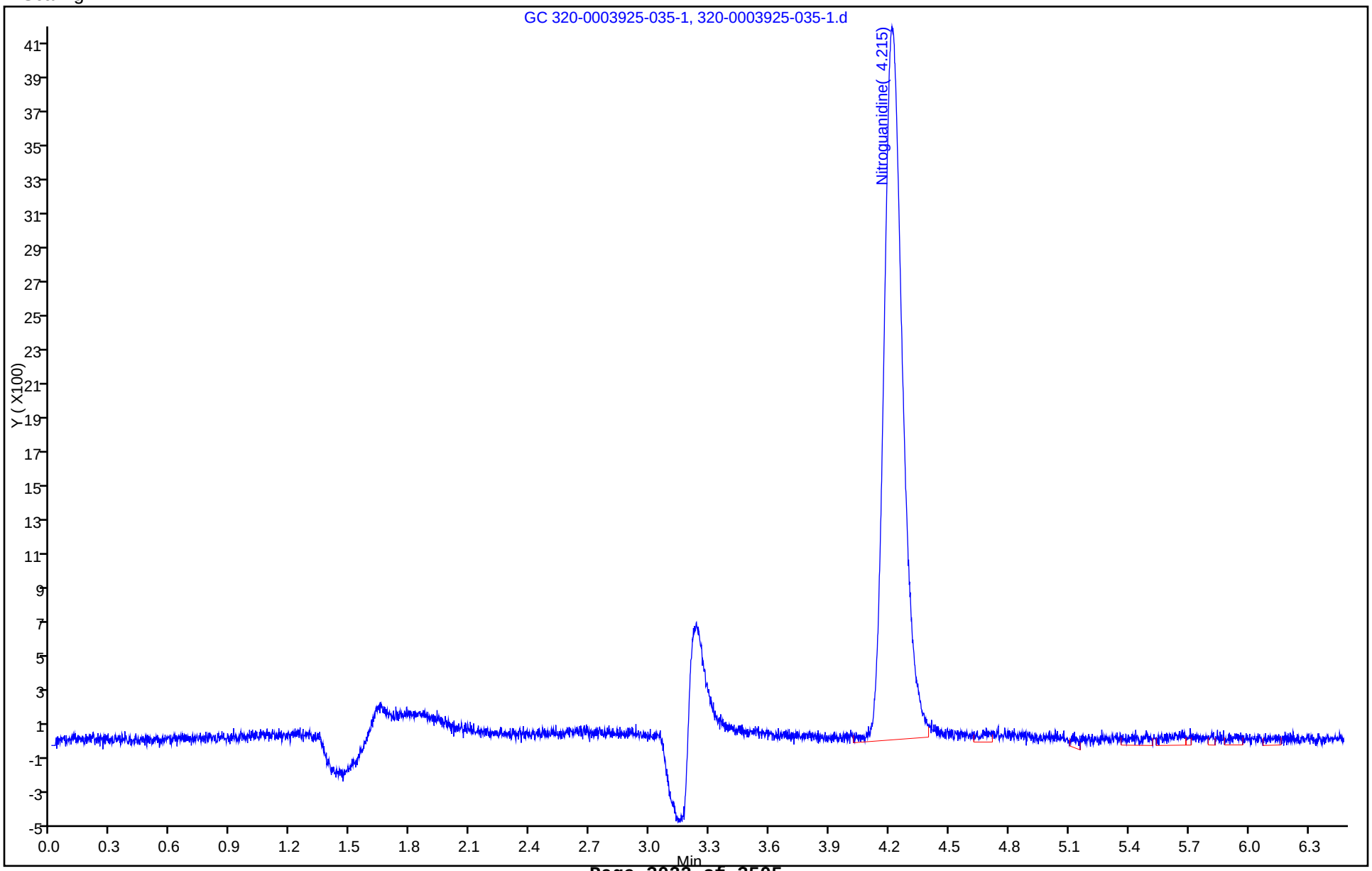
Report Date: 17-Apr-2013 09:40:27 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-035-1.d

Injection Date:	16-Apr-2013 22:26:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	14432	Lims Sample ID:	35
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCVL 320-14432/36 Calibration Date: 04/16/2013 22:44

Instrument ID: PDA1 Calib Start Date: 04/09/2013 13:21

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 04/09/2013 14:50

Lab File ID: 320-0003925-036-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	40.95	41.70		20.4	20.0	1.8	30.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCVL 320-14432/36 Calibration Date: 04/16/2013 22:44

Instrument ID: PDA1 Calib Start Date: 04/09/2013 13:21

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 04/09/2013 14:50

Lab File ID: 320-0003925-036-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.21	3.96	4.46

Form VII 8330 Modified

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-036-1.d		
Lims ID:	CCVL	Client ID:	
Inject. Date:	16-Apr-2013 22:44:00	Dil. Factor:	1.0000
Sample Type:	CCVL		
Sample ID:	320-0003925-036 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14432	Lims Sample ID:	36
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0003925-036-1		
Method:	\\SACChrom\ChromData\PDA1\20130416-3925.b\NGu Primary.m		
Last Update:	17-Apr-2013 09:40:11	Calib Date:	09-Apr-2013 14:50:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		
First Level Reviewer: russellk		Date:	17-Apr-2013 09:39:13

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.208	4.208	0.0	834	20.4	

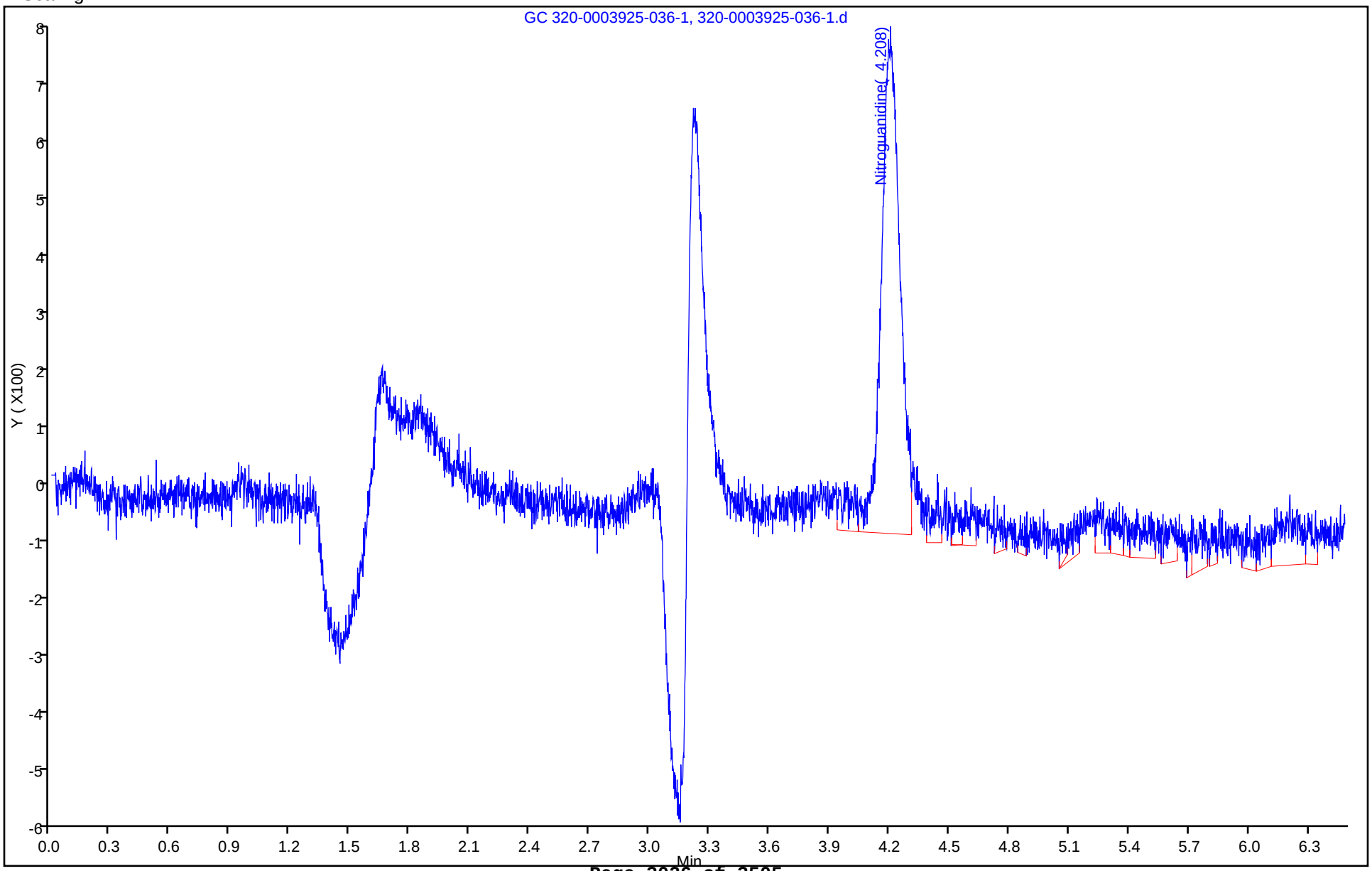
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TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-036-1.d

Injection Date:	16-Apr-2013 22:44:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	14432	Lims Sample ID:	36
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 320-14079/1-A

Matrix: Solid Lab File ID: 320-0003925-017-1.d

Analysis Method: 8330 Modified Date Collected:

Extraction Method: Sieve/Ultrasoni Date Extracted: 04/11/2013 10:07

Sample wt/vol: 2.00(g) Date Analyzed: 04/16/2013 17:06

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 14432 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.040	U	0.25	0.040	0.020

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-017-1.d		
Lims ID:	MB 320-14079/1-A	Client ID:	
Inject. Date:	16-Apr-2013 17:06:00	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	320-0003925-017 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14432	Lims Sample ID:	17
Detector:	GC 320-0003925-017-1		
Method:	\\SACChrom\ChromData\PDA1\20130416-3925.b\NGu Primary.m		
Last Update:	17-Apr-2013 09:33:13	Calib Date:	09-Apr-2013 14:50:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: russellk Date: 17-Apr-2013 09:33:23

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags

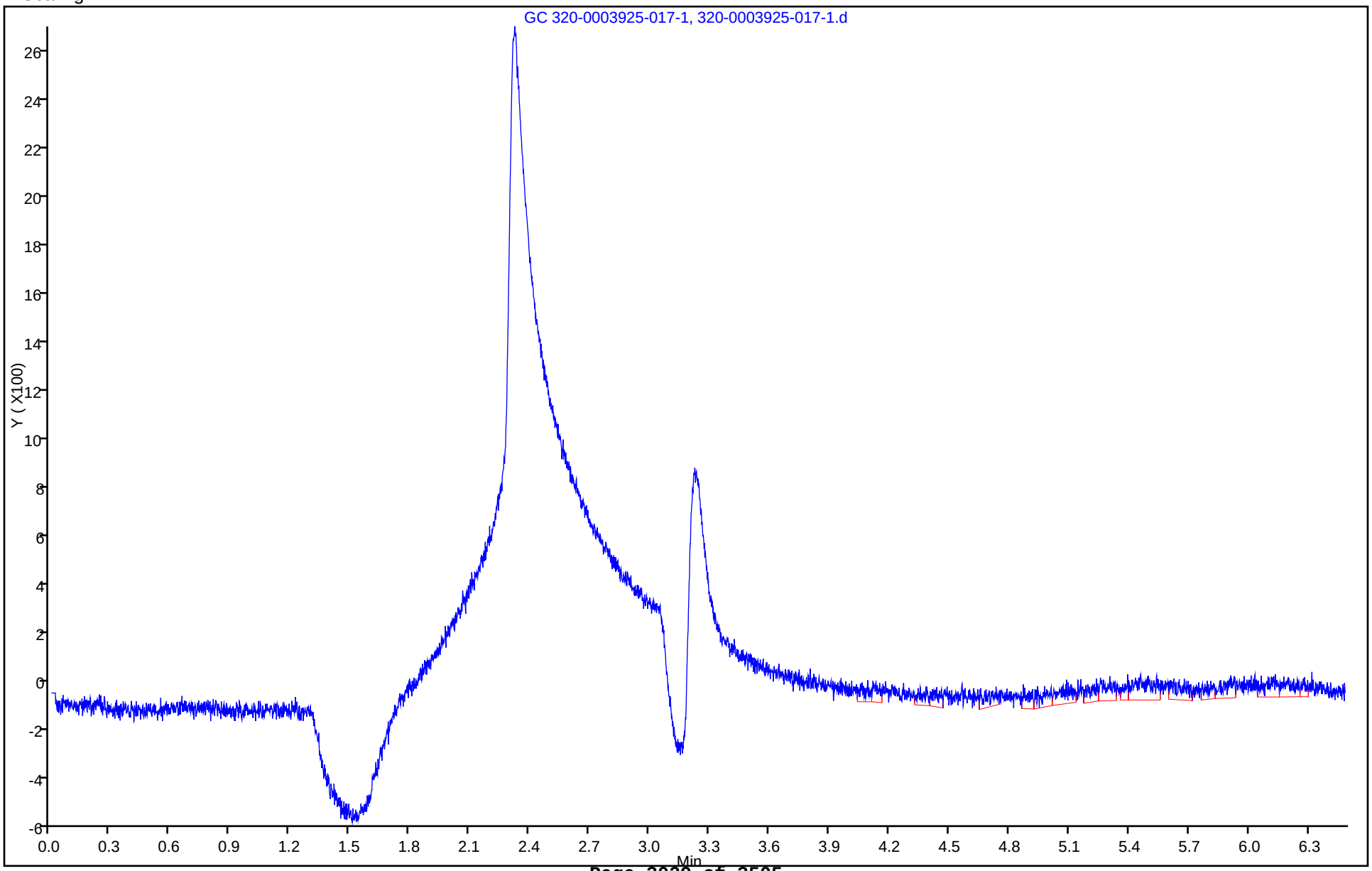
Report Date: 17-Apr-2013 09:33:23 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-017-1.d

Injection Date:	16-Apr-2013 17:06:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	14432	Lims Sample ID:	17
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 320-14079/2-A

Matrix: Solid Lab File ID: 320-0003925-018-1.d

Analysis Method: 8330 Modified Date Collected:

Extraction Method: Sieve/Ultrasoni Date Extracted: 04/11/2013 10:07

Sample wt/vol: 2.00(g) Date Analyzed: 04/16/2013 17:24

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 14432 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.880		0.25	0.040	0.020

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-018-1.d		
Lims ID:	LCS 320-14079/2-A	Client ID:	
Inject. Date:	16-Apr-2013 17:24:00	Dil. Factor:	1.0000
Sample Type:	LCS		
Sample ID:	320-0003925-018 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14432	Lims Sample ID:	18
Detector:	GC 320-0003925-018-1		
Method:	\\SACChrom\ChromData\PDA1\20130416-3925.b\NGu Primary.m		
Last Update:	17-Apr-2013 09:33:46	Calib Date:	09-Apr-2013 14:50:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20130409-3774.b\320-0003774-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: russellk Date: 17-Apr-2013 09:33:46

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.202	4.208	-0.006	7209	176.0	

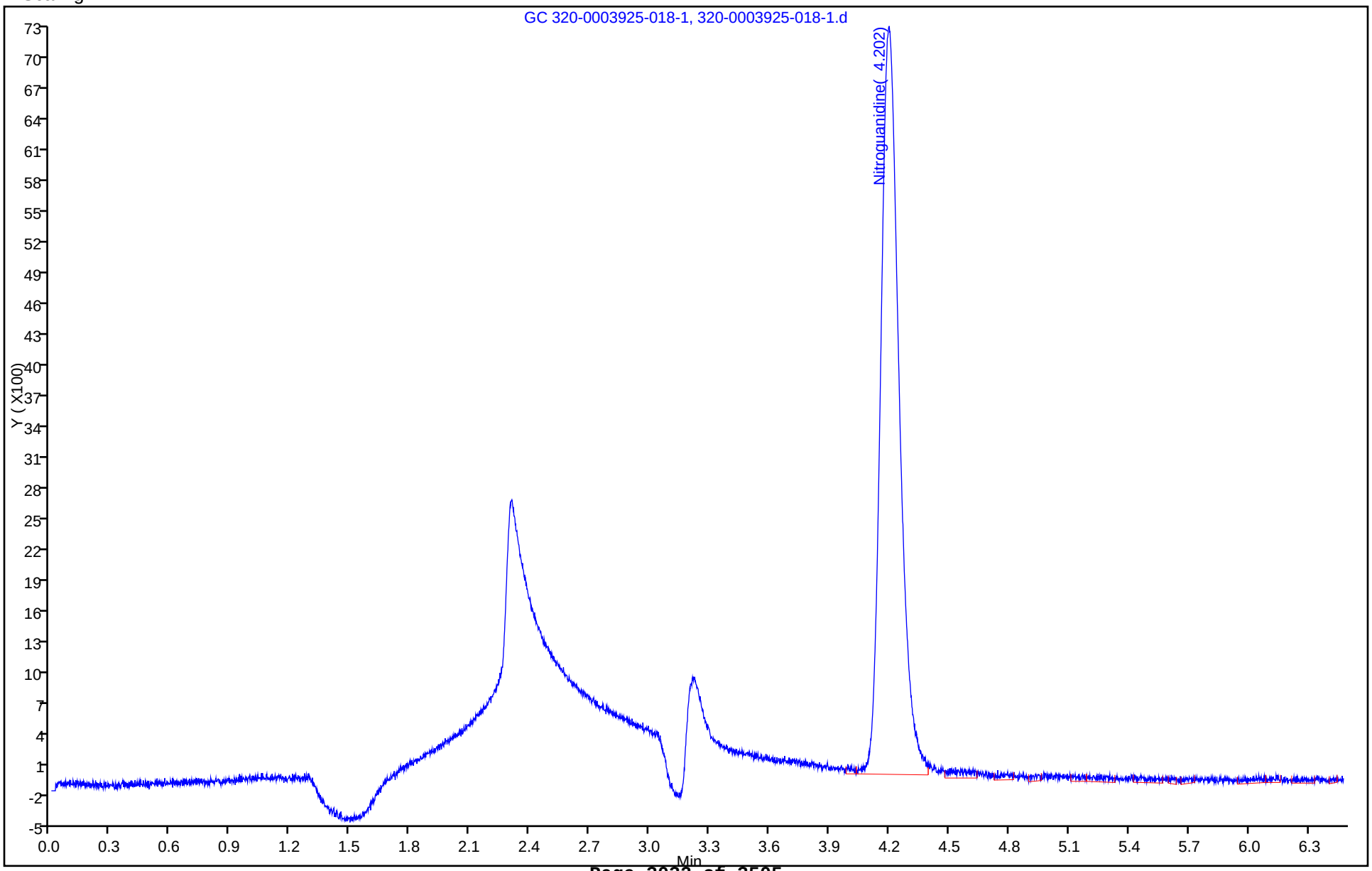
Report Date: 17-Apr-2013 09:33:46 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-018-1.d

Injection Date:	16-Apr-2013 17:24:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	14432	Lims Sample ID:	18
Operator ID:	KR	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Client Sample ID: 079SB-0014M-0001-SO MS Lab Sample ID: 240-22663-4 MS

Matrix: Solid Lab File ID: 320-0003925-029-1.d

Analysis Method: 8330 Modified Date Collected: 04/01/2013 10:12

Extraction Method: Sieve/Ultrasoni Date Extracted: 04/11/2013 10:07

Sample wt/vol: 2.00(g) Date Analyzed: 04/16/2013 20:39

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 14432 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.855		0.25	0.040	0.020

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-029-1.d		
Lims ID:	240-22663-F-4-E MS	Client ID:	
Inject. Date:	16-Apr-2013 20:39:00	Dil. Factor:	1.0000
Sample Type:	MS		
Sample ID:	320-0003925-029 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14432	Lims Sample ID:	29
Detector:	GC 320-0003925-029-1		
Method:	\\SACChrom\ChromData\PDA1\20130416-3925.b\NGu Primary.m		
Last Update:	17-Apr-2013 09:36:14	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:	XAWRK013		

First Level Reviewer: russellk Date: 17-Apr-2013 09:36:14

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.185	4.205	-0.020	7004	171.0	

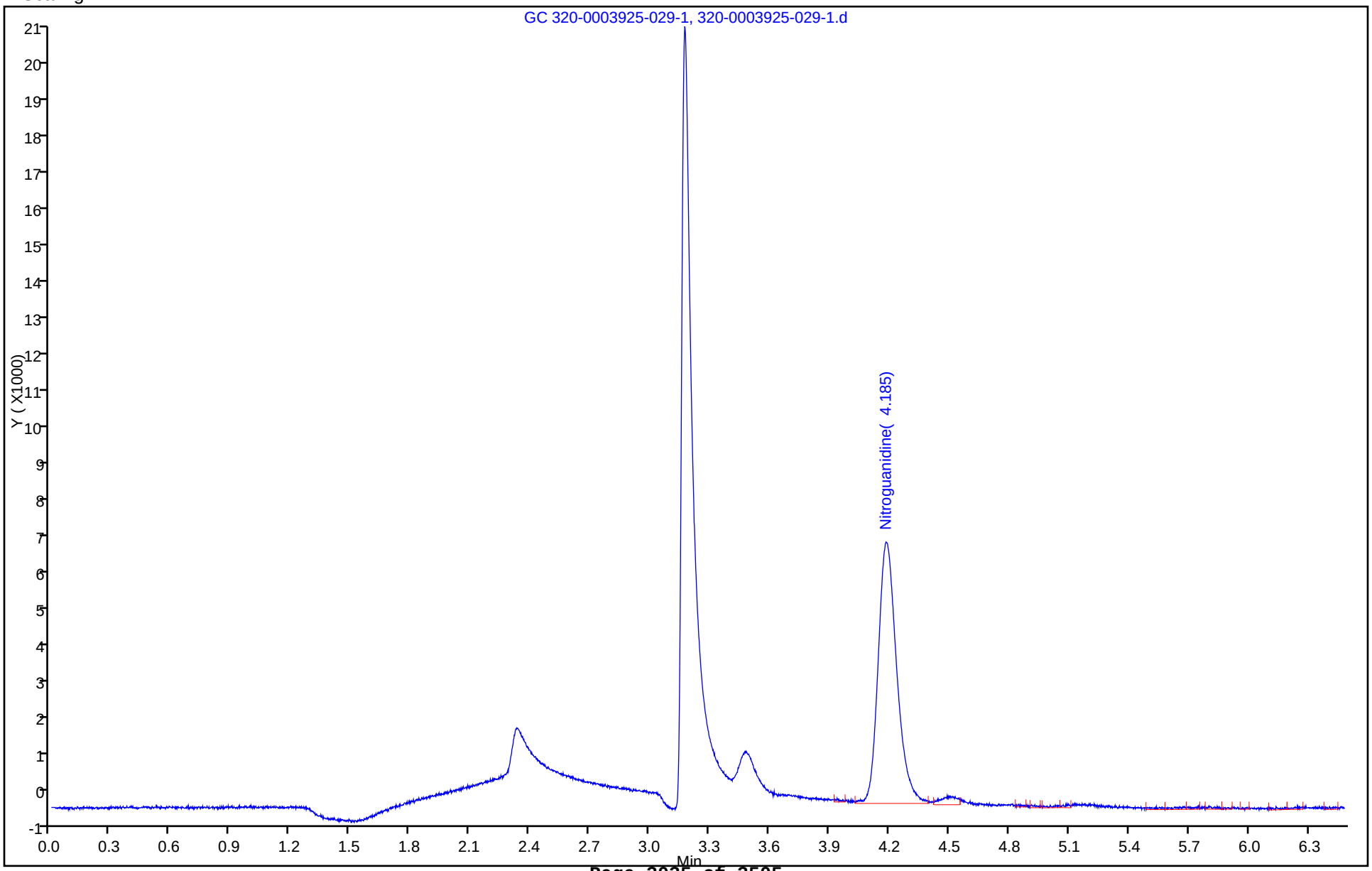
Report Date: 17-Apr-2013 09:36:14 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-029-1.d

Injection Date:	16-Apr-2013 20:39:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	14432	Lims Sample ID:	29
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.: 240-22663-1

SDG No.:

Client Sample ID: 079SB-0014M-0001-SO MSD Lab Sample ID: 240-22663-4 MSD

Matrix: Solid Lab File ID: 320-0003925-030-1.d

Analysis Method: 8330 Modified Date Collected: 04/01/2013 10:12

Extraction Method: Sieve/Ultrasoni Date Extracted: 04/11/2013 10:07

Sample wt/vol: 2.04(g) Date Analyzed: 04/16/2013 20:57

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 14432 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.845		0.25	0.039	0.020

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-030-1.d		
Lims ID:	240-22663-F-4-F MSD	Client ID:	
Inject. Date:	16-Apr-2013 20:57:00	Dil. Factor:	1.0000
Sample Type:	MSD		
Sample ID:	320-0003925-030 Analysis		
Misc. Info.:	none PRIMER		
Operator:	KR	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	14432	Lims Sample ID:	30
Detector:	GC 320-0003925-030-1		
Method:	\\SACChrom\ChromData\PDA1\20130416-3925.b\NGu Primary.m		
Last Update:	17-Apr-2013 09:36:30	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:	XAWRK013		

First Level Reviewer: russellk Date: 17-Apr-2013 09:36:30

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.208	4.205	0.003	7059	172.4	

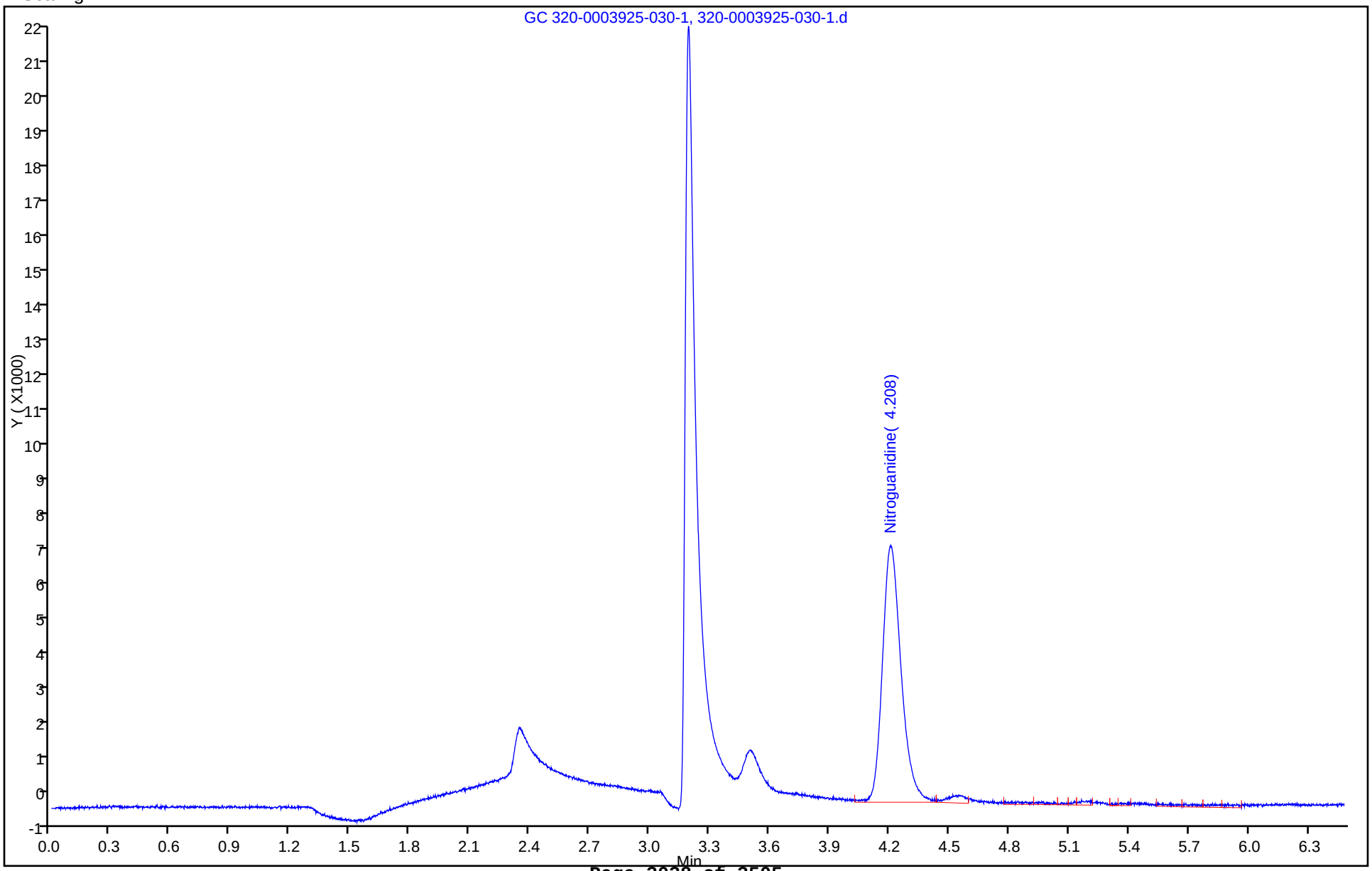
Report Date: 17-Apr-2013 09:36:30 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

Data File: \\SACChrom\ChromData\PDA1\20130416-3925.b\320-0003925-030-1.d

Injection Date:	16-Apr-2013 20:57:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	14432	Lims Sample ID:	30
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.: 240-22663-1

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		Luna NH2 4.6(mm)

8330 Modified

HPLC/IC ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Instrument ID: PDA1 Start Date: 04/16/2013 12:58

Analysis Batch Number: 14432 End Date: 04/16/2013 22:44

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 320-14432/3 CCVRT		04/16/2013 12:58	1		Luna NH2 4.6(mm)
CCVL 320-14432/4		04/16/2013 13:16	1	320-0003925-004 -1.d	Luna NH2 4.6(mm)
ZZZZZ		04/16/2013 13:33	1		Luna NH2 4.6(mm)
ZZZZZ		04/16/2013 13:51	1		Luna NH2 4.6(mm)
ZZZZZ		04/16/2013 14:09	1		Luna NH2 4.6(mm)
ZZZZZ		04/16/2013 14:27	1		Luna NH2 4.6(mm)
ZZZZZ		04/16/2013 14:44	1		Luna NH2 4.6(mm)
ZZZZZ		04/16/2013 15:02	1		Luna NH2 4.6(mm)
ZZZZZ		04/16/2013 15:20	1		Luna NH2 4.6(mm)
ZZZZZ		04/16/2013 15:38	1		Luna NH2 4.6(mm)
ZZZZZ		04/16/2013 15:55	1		Luna NH2 4.6(mm)
ZZZZZ		04/16/2013 16:13	1		Luna NH2 4.6(mm)
CCV 320-14432/15 CCVRT		04/16/2013 16:31	1	320-0003925-015 -1.d	Luna NH2 4.6(mm)
ZZZZZ		04/16/2013 16:49	1		Luna NH2 4.6(mm)
MB 320-14079/1-A		04/16/2013 17:06	1	320-0003925-017 -1.d	Luna NH2 4.6(mm)
LCS 320-14079/2-A		04/16/2013 17:24	1	320-0003925-018 -1.d	Luna NH2 4.6(mm)
ZZZZZ		04/16/2013 17:42	1		Luna NH2 4.6(mm)
ZZZZZ		04/16/2013 18:00	1		Luna NH2 4.6(mm)
ZZZZZ		04/16/2013 18:17	1		Luna NH2 4.6(mm)
ZZZZZ		04/16/2013 18:35	1		Luna NH2 4.6(mm)
ZZZZZ		04/16/2013 18:53	1		Luna NH2 4.6(mm)
ZZZZZ		04/16/2013 19:11	1		Luna NH2 4.6(mm)
ZZZZZ		04/16/2013 19:28	1		Luna NH2 4.6(mm)
CCV 320-14432/26 CCVRT		04/16/2013 19:46	1	320-0003925-026 -1.d	Luna NH2 4.6(mm)
ZZZZZ		04/16/2013 20:04	1		Luna NH2 4.6(mm)
240-22663-4	079SB-0014M-0001-SO	04/16/2013 20:22	1	320-0003925-028 -1.d	Luna NH2 4.6(mm)
240-22663-4 MS	079SB-0014M-0001-SO MS	04/16/2013 20:39	1	320-0003925-029 -1.d	Luna NH2 4.6(mm)
240-22663-4 MSD	079SB-0014M-0001-SO MSD	04/16/2013 20:57	1	320-0003925-030 -1.d	Luna NH2 4.6(mm)
240-22663-7	079SB-0017M-0001-SO	04/16/2013 21:15	1	320-0003925-031 -1.d	Luna NH2 4.6(mm)
240-22663-17	073SB-0041M-0001-SO	04/16/2013 21:33	1	320-0003925-032 -1.d	Luna NH2 4.6(mm)
240-22663-26	079SB-0026M-0001-SO	04/16/2013 21:50	1	320-0003925-033 -1.d	Luna NH2 4.6(mm)
240-22663-28	079SB-0028M-0001-SO	04/16/2013 22:08	1	320-0003925-034 -1.d	Luna NH2 4.6(mm)
CCV 320-14432/35 CCVRT		04/16/2013 22:26	1	320-0003925-035 -1.d	Luna NH2 4.6(mm)
CCVL 320-14432/36		04/16/2013 22:44	1	320-0003925-036 -1.d	Luna NH2 4.6(mm)

8330 Modified

HPLC/IC BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Batch Number: 14079 Batch Start Date: 04/11/13 10:07 Batch Analyst: Phan, Tuan

Batch Method: Sieve/Ultrasoni Batch End Date: 04/15/13 16:25

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	HPNQSP 00006			
MB 320-14079/1		Sieve/Ultrasoni, 8330 Modified		2.00 g	10 mL				
LCS 320-14079/2		Sieve/Ultrasoni, 8330 Modified		2.00 g	10 mL	40 uL			
240-22663-F-4	079SB-0014M-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	2.05 g	10 mL				
240-22663-F-4 MS	079SB-0014M-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	2.00 g	10 mL	40 uL			
240-22663-F-4 MSD	079SB-0014M-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	2.04 g	10 mL	40 uL			
240-22663-F-7	079SB-0017M-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	2.00 g	10 mL				
240-22663-F-17	073SB-0041M-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	2.06 g	10 mL				
240-22663-F-26	079SB-0026M-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	2.04 g	10 mL				
240-22663-F-28	079SB-0028M-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	2.01 g	10 mL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

HPLC/IC BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Batch Number: 14079 Batch Start Date: 04/11/13 10:07 Batch Analyst: Phan, Tuan

Batch Method: Sieve/Ultrasoni Batch End Date: 04/15/13 16:25

Batch Notes	
Balance ID	QA-070
Calcium Chloride Reagent ID	4515-027C
Date of Clean up	4-15-13
Analyst performed Clean Up	HA
Date Sample was Dried	4-10-13
Filter Lot #	R2SA72748
Filter Type	.45um MILLIPORE
Date Sample was Ground	4-11-13
Person's name who witnessed reagent drop	GB
Blank Sand Lot #	FISHER 120571
Sonication End Date	4-12-13
Sonication Start Date	4-11-13
Sonication Start Time	11:40
Sonication Stop Time	05:40
Maximum Temperature	20 Degrees C
Minimum Temperature	10 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 8330B

Nitroaromatics and Nitramines (HPLC) by Method 8330B

FORM II
HPLC/IC SURROGATE RECOVERY

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

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 #
079SB-0014M-0001-SO	240-22663-4	93	
079SB-0014M-0001-SO	240-22663-4		104
079SB-0017M-0001-SO	240-22663-7	94 M	
073SB-0041M-0001-SO	240-22663-17	93	
079SB-0026M-0001-SO	240-22663-26	94	
079SB-0028M-0001-SO	240-22663-28	93	
	MB 320-14065/1-A	93	
	MB 320-14065/1-A		121 M Q
	LCS 320-14065/2-A	96	
079SB-0014M-0001-SO MS	240-22663-4 MS	97	
079SB-0014M-0001-SO MSD	240-22663-4 MSD	97	

	QC LIMITS
DNT = 3,4-Dinitrotoluene	78-118

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.: 240-22663-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: S000015.D

Lab ID: LCS 320-14065/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
2-Amino-4,6-dinitrotoluene	0.500	0.486	97	79-119	
4-Amino-2,6-dinitrotoluene	0.500	0.498	100	81-121	
1,3-Dinitrobenzene	0.500	0.499	100	81-121	
2,4-Dinitrotoluene	0.500	0.484	97	79-119	
2,6-Dinitrotoluene	0.500	0.484	97	79-119	
HMX	0.500	0.496	99	80-120	
Nitrobenzene	0.500	0.498	100	80-120	
Nitroglycerin	1.00	0.942	94	76-116	
2-Nitrotoluene	0.500	0.478	96	78-118	
3-Nitrotoluene	0.500	0.486	97	77-117	
4-Nitrotoluene	0.500	0.480	96	78-118	
PETN	1.00	0.948	95	76-116	
RDX	0.500	0.484	97	82-122	
Tetryl	0.500	0.430	86	63-120	
1,3,5-Trinitrobenzene	0.500	0.496	99	81-121	
2,4,6-Trinitrotoluene	0.500	0.438	88	65-105	

Column to be used to flag recovery and RPD values

FORM III 8330B

FORM III
HPLC/IC MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: S000026.D

Lab ID: 240-22663-4 MS Client ID: 079SB-0014M-0001-SO MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
2-Amino-4,6-dinitrotoluene	0.498	0.050 U	0.484	97	79-119	
4-Amino-2,6-dinitrotoluene	0.498	0.050 U	0.499	100	81-121	
1,3-Dinitrobenzene	0.498	0.050 U	0.505	101	81-121	
2,4-Dinitrotoluene	0.498	0.050 U	0.487	98	79-119	
2,6-Dinitrotoluene	0.498	0.050 U	0.503	101	79-119	
HMX	0.498	0.050 U	0.488	98	80-120	
Nitrobenzene	0.498	0.050 U	0.506	102	80-120	
Nitroglycerin	0.995	0.25 U	0.946	95	76-116	
2-Nitrotoluene	0.498	0.050 U	0.480	96	78-118	
3-Nitrotoluene	0.498	0.050 U	0.485	98	77-117	
4-Nitrotoluene	0.498	0.050 U	0.482	97	78-118	
PETN	0.995	0.25 U	0.967	97	76-116	
RDX	0.498	0.050 U	0.448	90	82-122	
Tetryl	0.498	0.015 J	0.433	84	63-120	
1,3,5-Trinitrobenzene	0.498	0.050 U	0.506	102	81-121	
2,4,6-Trinitrotoluene	0.498	0.050 U	0.443	89	65-105	

Column to be used to flag recovery and RPD values

FORM III 8330B

FORM III
HPLC/IC MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: S000027.D

Lab ID: 240-22663-4 MSD Client ID: 079SB-0014M-0001-SO MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
2-Amino-4,6-dinitrotoluene	0.499	0.486	97	0	20	79-119	
4-Amino-2,6-dinitrotoluene	0.499	0.500	100	0	20	81-121	
1,3-Dinitrobenzene	0.499	0.505	101	0	20	81-121	
2,4-Dinitrotoluene	0.499	0.489	98	0	20	79-119	
2,6-Dinitrotoluene	0.499	0.502	101	0	20	79-119	
HMX	0.499	0.491	98	1	20	80-120	
Nitrobenzene	0.499	0.504	101	0	20	80-120	
Nitroglycerin	0.997	0.919	92	3	20	76-116	
2-Nitrotoluene	0.499	0.479	96	0	20	78-118	
3-Nitrotoluene	0.499	0.490	98	1	20	77-117	
4-Nitrotoluene	0.499	0.482	97	0	20	78-118	
PETN	0.997	0.972	97	1	20	76-116	
RDX	0.499	0.449	90	0	20	82-122	
Tetryl	0.499	0.435	84	0	20	63-120	
1,3,5-Trinitrobenzene	0.499	0.507	102	0	20	81-121	
2,4,6-Trinitrotoluene	0.499	0.445	89	0	20	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.: 240-22663-1

SDG No.:

Lab Sample ID: MB 320-14065/1-A

Matrix: Solid Date Extracted: 04/11/2013 08:24

Lab File ID:(1) S000014.D Lab File ID:(2) X000037.D

Date Analyzed:(1) 04/19/2013 18:45 Date Analyzed:(2) 04/25/2013 08:07

Instrument ID:(1) LC10 Instrument ID:(2) LC12

GC Column:(1) Synergi C18 ID: 4.6(mm) GC Column:(2) Zorbax CN ID: 4.6(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 320-14065/2-A	04/19/2013 19:29	
079SB-0014M-0001-SO	240-22663-4	04/20/2013 02:45	04/25/2013 13:38
079SB-0014M-0001-SO MS	240-22663-4 MS	04/20/2013 03:29	
079SB-0014M-0001-SO MSD	240-22663-4 MSD	04/20/2013 04:13	
079SB-0017M-0001-SO	240-22663-7	04/20/2013 04:56	
073SB-0041M-0001-SO	240-22663-17	04/20/2013 05:40	
079SB-0026M-0001-SO	240-22663-26	04/20/2013 06:24	
079SB-0028M-0001-SO	240-22663-28	04/20/2013 07:07	

FORM VIII
HPLC/IC ANALYTICAL SEQUENCE

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Sample No.: ICRT 320-14686/7 Date Analyzed: 04/19/2013 14:23

Instrument ID: LC10 GC Column: Synergi C18 ID: 4.6(mm)

Lab File ID (Standard): S000008.D Heated Purge: (Y/N) N

Calibration ID: 2667

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DNT RT #		
INITIAL CALIBRATION SURROGATE				16.28		
UPPER LIMIT				16.53		
LOWER LIMIT				16.03		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
ICRT 320-14686/7		04/19/2013 14:23	S000008.D	16.28		
MB 320-14065/1-A		04/19/2013 18:45	S000014.D	16.36		
LCS 320-14065/2-A		04/19/2013 19:29	S000015.D	16.37		
CCV 320-14706/11 CCVRT		04/20/2013 02:02	S000024.D	16.34		
240-22663-4	079SB-0014M-0001-SO	04/20/2013 02:45	S000025.D	16.36		
240-22663-4 MS	079SB-0014M-0001-SO MS	04/20/2013 03:29	S000026.D	16.32		
240-22663-4 MSD	079SB-0014M-0001-SO MSD	04/20/2013 04:13	S000027.D	16.33		
240-22663-7	079SB-0017M-0001-SO	04/20/2013 04:56	S000028.D	16.33		
240-22663-17	073SB-0041M-0001-SO	04/20/2013 05:40	S000029.D	16.35		
240-22663-26	079SB-0026M-0001-SO	04/20/2013 06:24	S000030.D	16.32		
240-22663-28	079SB-0028M-0001-SO	04/20/2013 07:07	S000031.D	16.31		

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.: 240-22663-1

SDG No.:

Sample No.: CCV 320-14706/11 Date Analyzed: 04/20/2013 02:02

Instrument ID: LC10 GC Column: Synergi C18 ID: 4.6(mm)

Lab File ID (Standard): S000024.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				16.34		
UPPER LIMIT				16.52		
LOWER LIMIT				16.02		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 320-14706/11 CCVRT		04/20/2013 02:02	S000024.D	16.34		
240-22663-4	079SB-0014M-0001-SO	04/20/2013 02:45	S000025.D	16.36		
240-22663-4 MS	079SB-0014M-0001-SO MS	04/20/2013 03:29	S000026.D	16.32		
240-22663-4 MSD	079SB-0014M-0001-SO MSD	04/20/2013 04:13	S000027.D	16.33		
240-22663-7	079SB-0017M-0001-SO	04/20/2013 04:56	S000028.D	16.33		
240-22663-17	073SB-0041M-0001-SO	04/20/2013 05:40	S000029.D	16.35		
240-22663-26	079SB-0026M-0001-SO	04/20/2013 06:24	S000030.D	16.32		
240-22663-28	079SB-0028M-0001-SO	04/20/2013 07:07	S000031.D	16.31		

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.: 240-22663-1

SDG No.:

Sample No.: CCV 320-14998/3 Date Analyzed: 04/24/2013 23:18

Instrument ID: LC12 GC Column: Zorbax CN ID: 4.6(mm)

Lab File ID (Standard): X000029.D Heated Purge: (Y/N) N

Calibration ID: 2128

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DNT RT #		
CONTINUING CALIBRATION SURROGATE				38.69		
UPPER LIMIT				38.94		
LOWER LIMIT				38.44		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 320-14998/3 CCVRT		04/24/2013 23:18	X000029.D	38.69		
MB 320-14065/1-A		04/25/2013 08:07	X000037.D	38.57		

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.: 240-22663-1

SDG No.:

Sample No.: CCVL 320-14998/4 Date Analyzed: 04/25/2013 00:24

Instrument ID: LC12 GC Column: Zorbax CN ID: 4.6(mm)

Lab File ID (Standard): X000030.D Heated Purge: (Y/N) N

Calibration ID: 2128

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DNT RT #		
CONTINUING CALIBRATION SURROGATE				38.62		
UPPER LIMIT				38.87		
LOWER LIMIT				38.37		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVL 320-14998/4 CCVRT		04/25/2013 00:24	X000030.D	38.62		
MB 320-14065/1-A		04/25/2013 08:07	X000037.D	38.57		
240-22663-4	079SB-0014M-0001-SO	04/25/2013 13:38	X000042.D	38.69		

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.: 240-22663-1

SDG No.:

Sample No.: CCV 320-14998/13 Date Analyzed: 04/25/2013 10:19

Instrument ID: LC12 GC Column: Zorbax CN ID: 4.6(mm)

Lab File ID (Standard): X000039.D Heated Purge: (Y/N) N

Calibration ID: 2128

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DNT RT #		
CONTINUING CALIBRATION SURROGATE				38.67		
UPPER LIMIT				38.92		
LOWER LIMIT				38.42		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 320-14998/13 CCVRT		04/25/2013 10:19	X000039.D	38.67		
240-22663-4	079SB-0014M-0001-SO	04/25/2013 13:38	X000042.D	38.69		

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.: 240-22663-1

SDG No.:

Sample No.: CCVL 320-14998/36 Date Analyzed: 04/26/2013 20:29

Instrument ID: LC12 GC Column: Zorbax CN ID: 4.6(mm)

Lab File ID (Standard): X000070.D Heated Purge: (Y/N) N

Calibration ID: 2128

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DNT RT #		
CONTINUING CALIBRATION SURROGATE				38.85		
UPPER LIMIT				39.10		
LOWER LIMIT				38.60		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
MB 320-14065/1-A		04/25/2013 08:07	X000037.D	38.57 *		
240-22663-4	079SB-0014M-0001-SO	04/25/2013 13:38	X000042.D	38.69		
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.: 240-22663-1

SDG No.:

Client Sample ID: 079SB-0014M-0001-SO Lab Sample ID: 240-22663-4

Matrix: Solid Lab File ID: S000025.D

Analysis Method: 8330B Date Collected: 04/01/2013 10:12

Extraction Method: 8330B Date Extracted: 04/11/2013 08:24

Sample wt/vol: 10.01(g) Date Analyzed: 04/20/2013 02:45

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 14706 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.012
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.010
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0073
2691-41-0	HMX	0.050	U	0.25	0.050	0.012
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.018
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.015
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
121-82-4	RDX	0.050	U	0.25	0.050	0.012
479-45-8	Tetryl	0.050	U	0.25	0.050	0.010
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.010
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	93		78-118

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20130419-4003.b\S000025.D		
Lims ID:	240-22663-F-4-A	Client ID:	079SB-0014M-0001-SO
Inject. Date:	20-Apr-2013 02:45:47	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0004003-012		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	31
Lims Batch ID:	14706	Lims Sample ID:	12
Method:	\\SACChrom\ChromData\LC10\20130419-4003.b\8330_LC10.m		
Last Update:	22-Apr-2013 09:55:32	Calib Date:	19-Apr-2013 15:51:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK024		

First Level Reviewer: shafern Date: 22-Apr-2013 08:12:33

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
$ 30 3,4-Dinitrotoluene						
1	16.356	16.340	0.016	3336	58.3	
2	16.356	16.343	0.013	6354	59.3	
21 PETN						M
2	27.679	27.607	0.072	140	3.56	M

QC Flag Legend

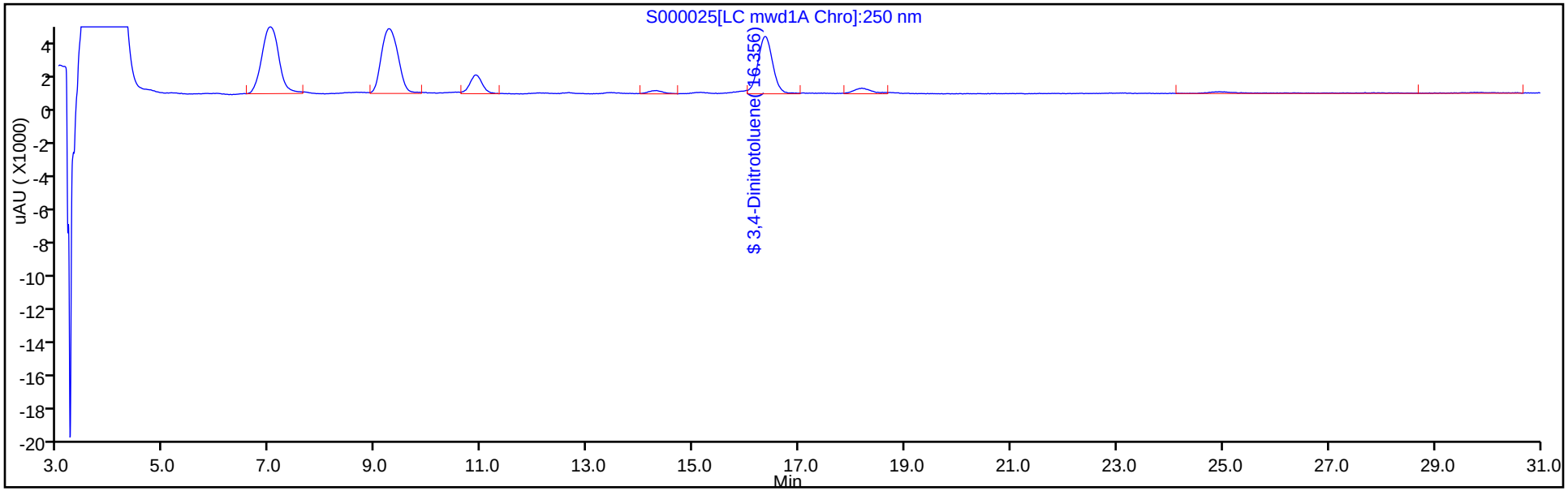
Review Flags
M - Manually Integrated

Report Date: 22-Apr-2013 09:55:39 Chrom Revision: 2.1 07-Apr-2013 20:36:54

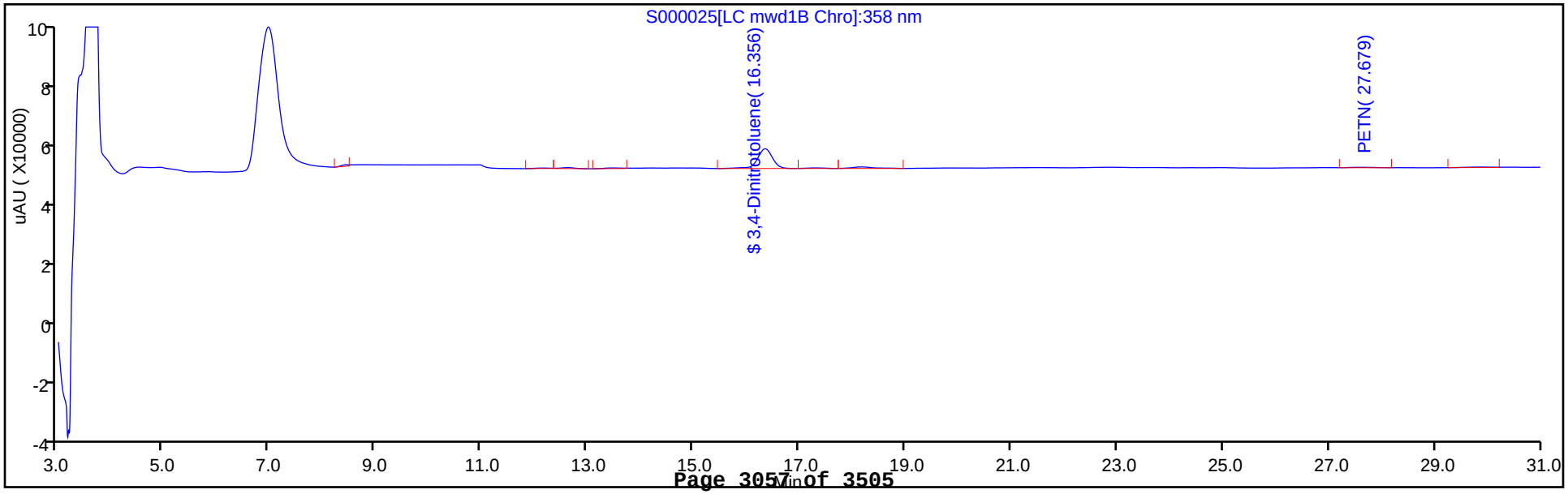
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC10\20130419-4003.b\S000025.D		
Injection Date:	20-Apr-2013 02:45:47	Limit Group:	LC 8330B ICAL
Client ID:	079SB-0014M-0001-SO	Instrument ID:	LC10
Lims Batch ID:	14706	Lims Sample ID:	12
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

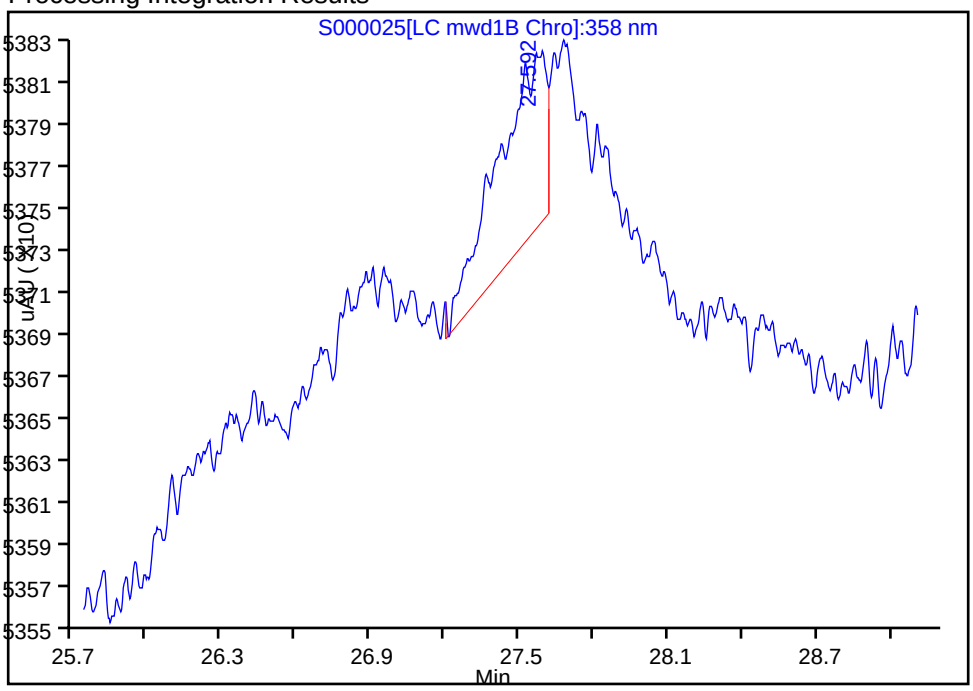
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC10\20130419-4003.b\S000025.D		
Injection Date:	20-Apr-2013 02:45:47	Limit Group:	LC 8330B ICAL
Client ID:	079SB-0014M-0001-SO	Instrument ID:	LC10
Lims Batch ID:	14706	Lims Sample ID:	12
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

21 PETN, Signal: 1, Type: quant, RT: 27.61, Det: LC mwd1B

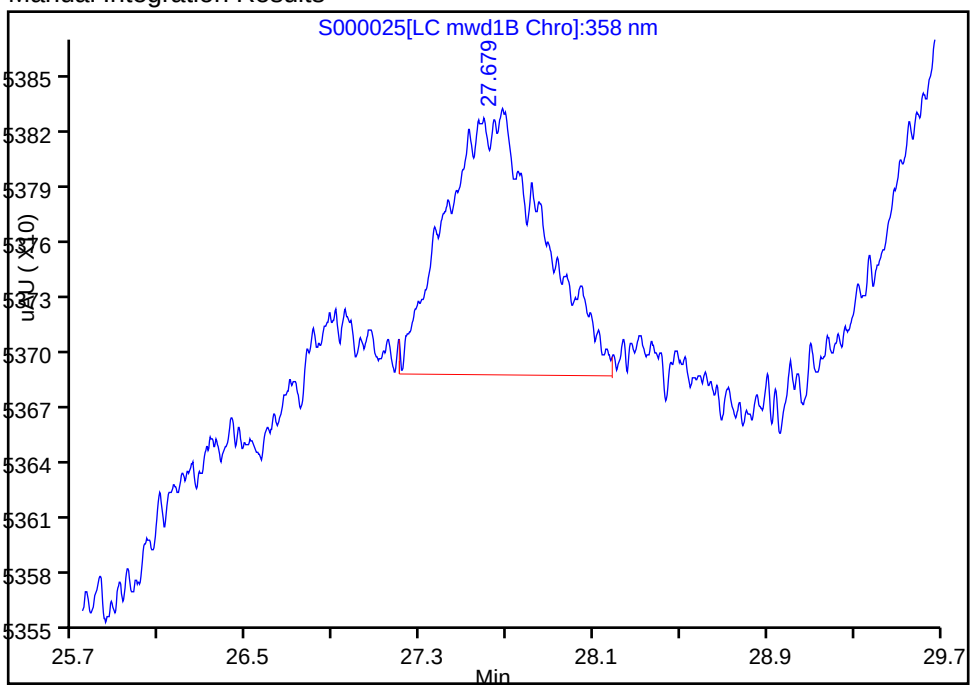
Processing Integration Results

RT: 27.59
Response: 79
Amount: 1.989881



Manual Integration Results

RT: 27.68
Response: 140
Amount: 3.557860



Reviewer: shafern, 22-Apr-2013 08:12:33
Audit Action: Manually Integrated
Audit Reason: Baseline

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Client Sample ID: 079SB-0014M-0001-SO Lab Sample ID: 240-22663-4

Matrix: Solid Lab File ID: X000042.D

Analysis Method: 8330B Date Collected: 04/01/2013 10:12

Extraction Method: 8330B Date Extracted: 04/11/2013 08:24

Sample wt/vol: 10.01(g) Date Analyzed: 04/25/2013 13:38

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Zorbax CN ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 14998 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-11-5	PETN	0.25	U	0.50	0.25	0.025

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	104		78-118

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20130424-4083.b\X000042.D		
Lims ID:	240-22663-F-4-A	Client ID:	079SB-0014M-0001-SO
Inject. Date:	25-Apr-2013 13:38:15	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0004083-016		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	41
Lims Batch ID:	14998	Lims Sample ID:	16
Method:	\\SACChrom\ChromData\LC12\20130424-4083.b\LC12_Conf_8330.m		
Last Update:	26-Apr-2013 09:41:43	Calib Date:	07-Mar-2013 16:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20130307-3157.b\G000007.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK019		

First Level Reviewer: noonanr Date: 26-Apr-2013 09:41:43

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
$ 30 3,4-Dinitrotoluene						
1	38.685	38.668	0.017	3458	64.7	
20 Tetryl						
1	46.472	46.598	-0.126	224	1.88	

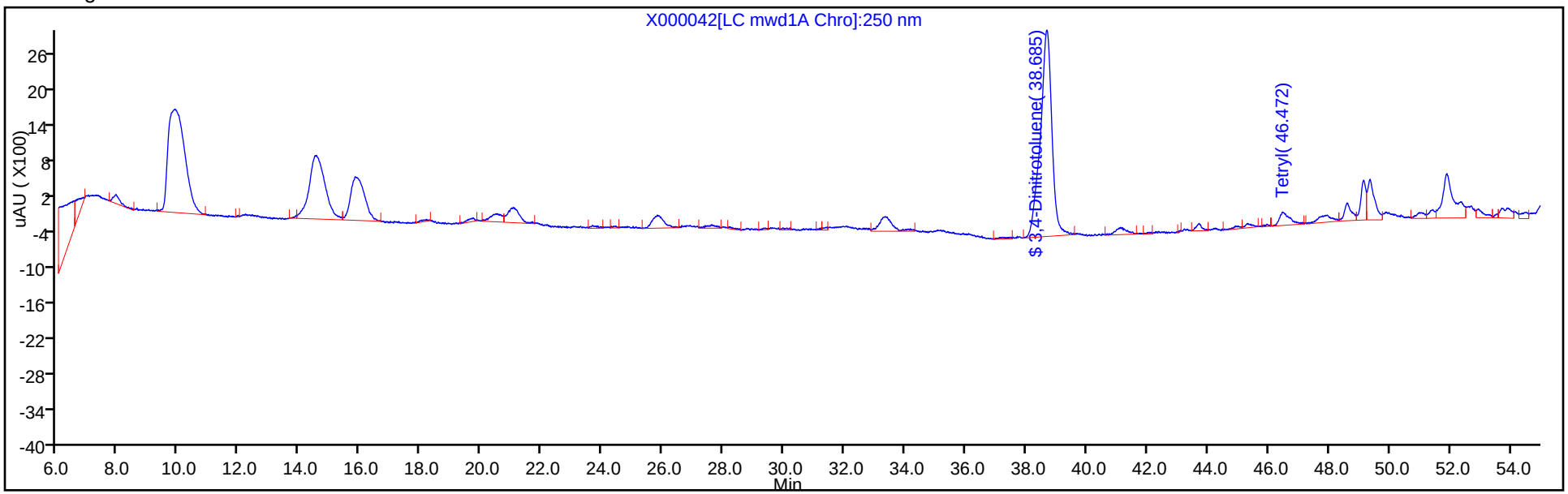
Report Date: 26-Apr-2013 09:41:44 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

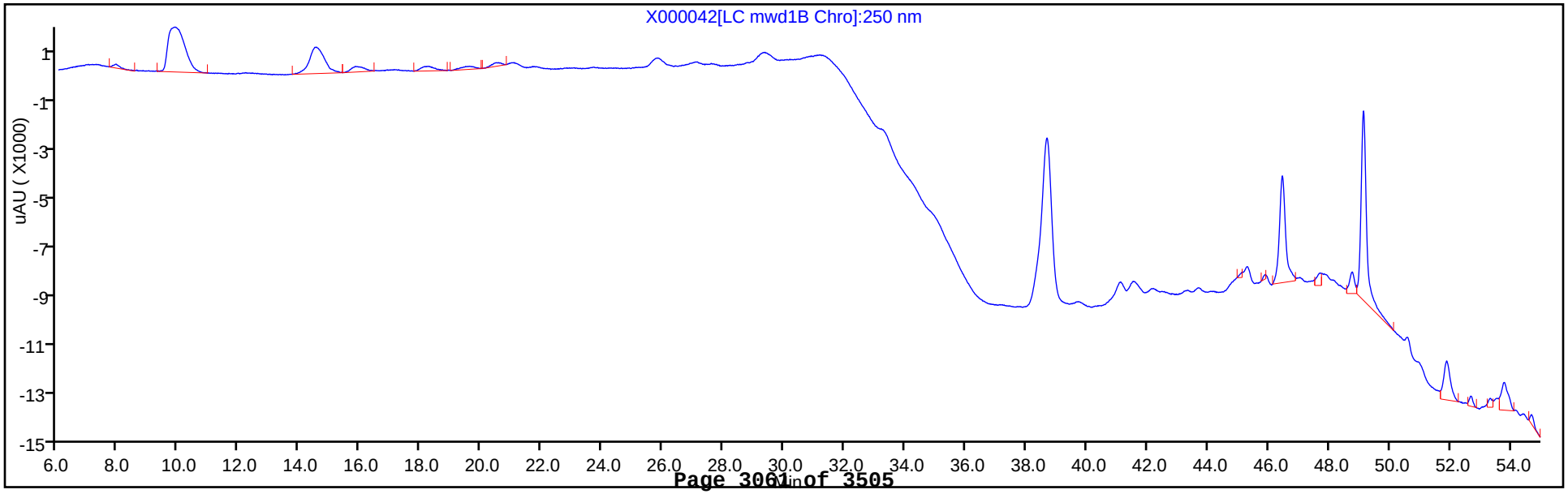
Data File: \\SACChrom\ChromData\LC12\20130424-4083.b\X000042.D

Injection Date:	25-Apr-2013 13:38:15	Limit Group:	LC 8330B ICAL
Client ID:	079SB-0014M-0001-SO	Instrument ID:	LC12
Lims Batch ID:	14998	Lims Sample ID:	16
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.: 240-22663-1

SDG No.:

Client Sample ID: 079SB-0017M-0001-SO Lab Sample ID: 240-22663-7

Matrix: Solid Lab File ID: S000028.D

Analysis Method: 8330B Date Collected: 04/01/2013 09:24

Extraction Method: 8330B Date Extracted: 04/11/2013 08:24

Sample wt/vol: 10.02(g) Date Analyzed: 04/20/2013 04:56

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 14706 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.012
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.010
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0073
2691-41-0	HMX	0.050	U	0.25	0.050	0.012
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.018
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.015
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
78-11-5	PETN	0.25	U	0.50	0.25	0.025
121-82-4	RDX	0.050	U	0.25	0.050	0.012
479-45-8	Tetryl	0.050	U	0.25	0.050	0.010
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.010
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	94	M	78-118

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20130419-4003.b\S000028.D		
Lims ID:	240-22663-F-7-A	Client ID:	079SB-0017M-0001-SO
Inject. Date:	20-Apr-2013 04:56:41	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0004003-015		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	34
Lims Batch ID:	14706	Lims Sample ID:	15
Method:	\\SACChrom\ChromData\LC10\20130419-4003.b\8330_LC10.m		
Last Update:	22-Apr-2013 09:55:32	Calib Date:	19-Apr-2013 15:51:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK024		

First Level Reviewer: shafern Date: 22-Apr-2013 08:15:23

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
$ 30 3,4-Dinitrotoluene						M
1	16.330	16.340	-0.010	3369	58.9	M
2	16.327	16.343	-0.016	6562	61.2	

QC Flag Legend

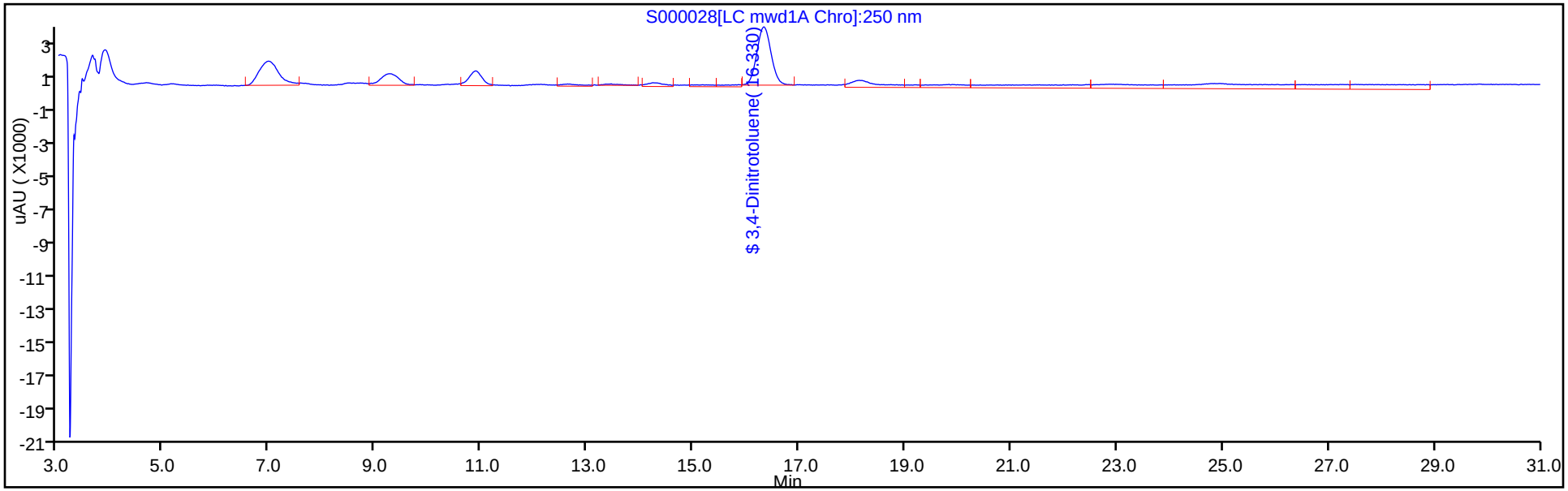
Review Flags
M - Manually Integrated

Report Date: 22-Apr-2013 09:55:37 Chrom Revision: 2.1 07-Apr-2013 20:36:54

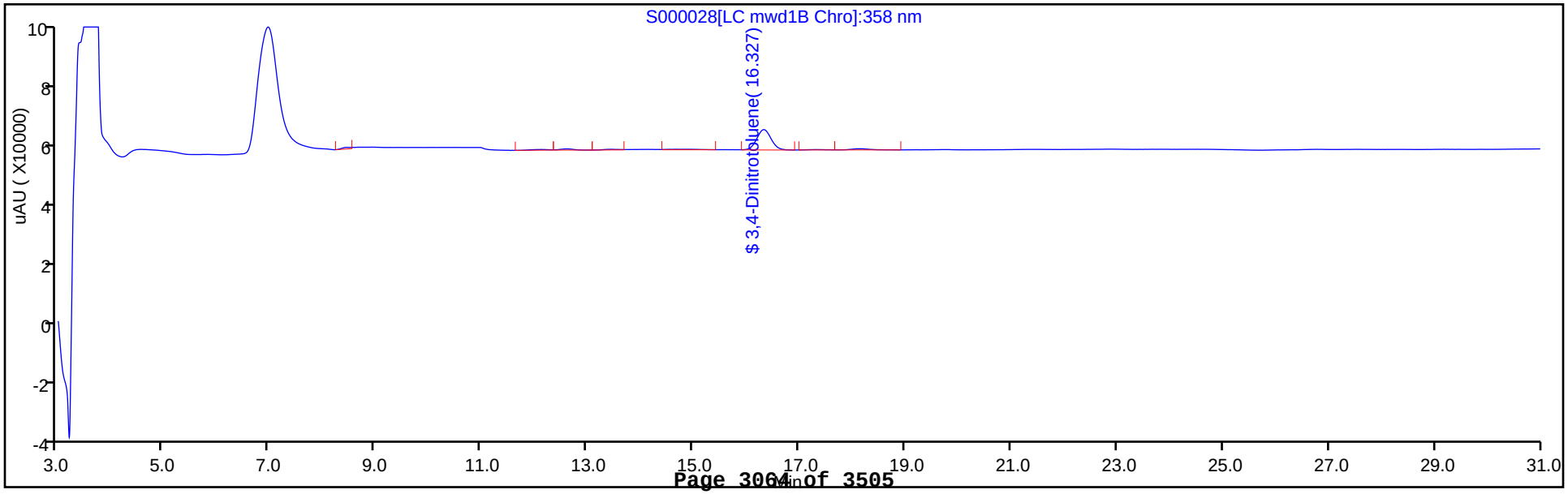
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC10\20130419-4003.b\S000028.D		
Injection Date:	20-Apr-2013 04:56:41	Limit Group:	LC 8330B ICAL
Client ID:	079SB-0017M-0001-SO	Instrument ID:	LC10
Lims Batch ID:	14706	Lims Sample ID:	15
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

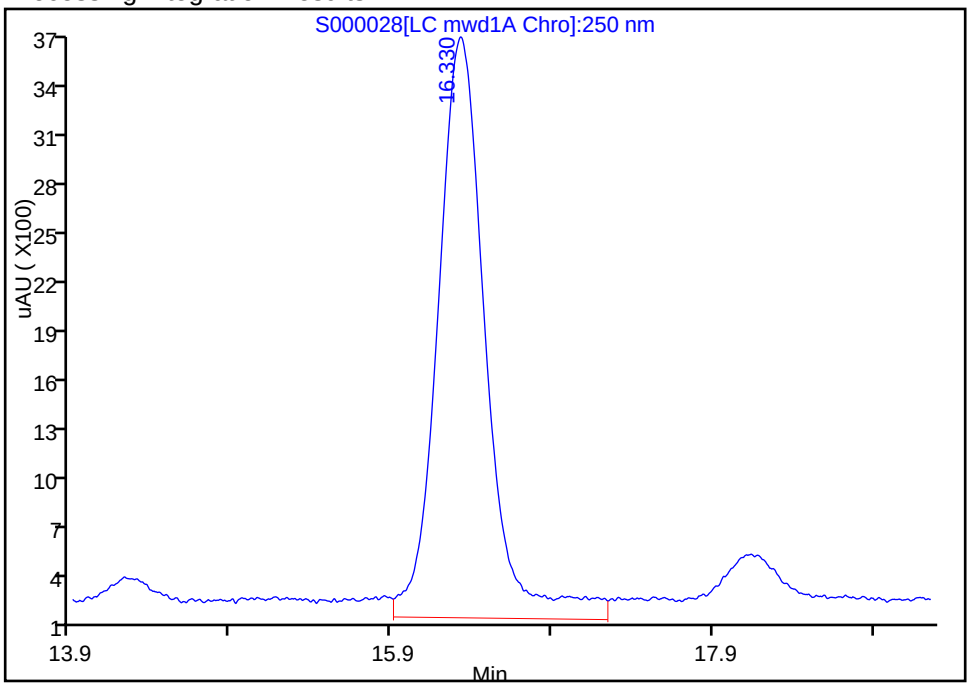
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC10\20130419-4003.b\S000028.D		
Injection Date:	20-Apr-2013 04:56:41	Limit Group:	LC 8330B ICAL
Client ID:	079SB-0017M-0001-SO	Instrument ID:	LC10
Lims Batch ID:	14706	Lims Sample ID:	15
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

$ 30 3,4-Dinitrotoluene, Signal: 1, Type: quant, RT: 16.34, Det: LC mwd1A

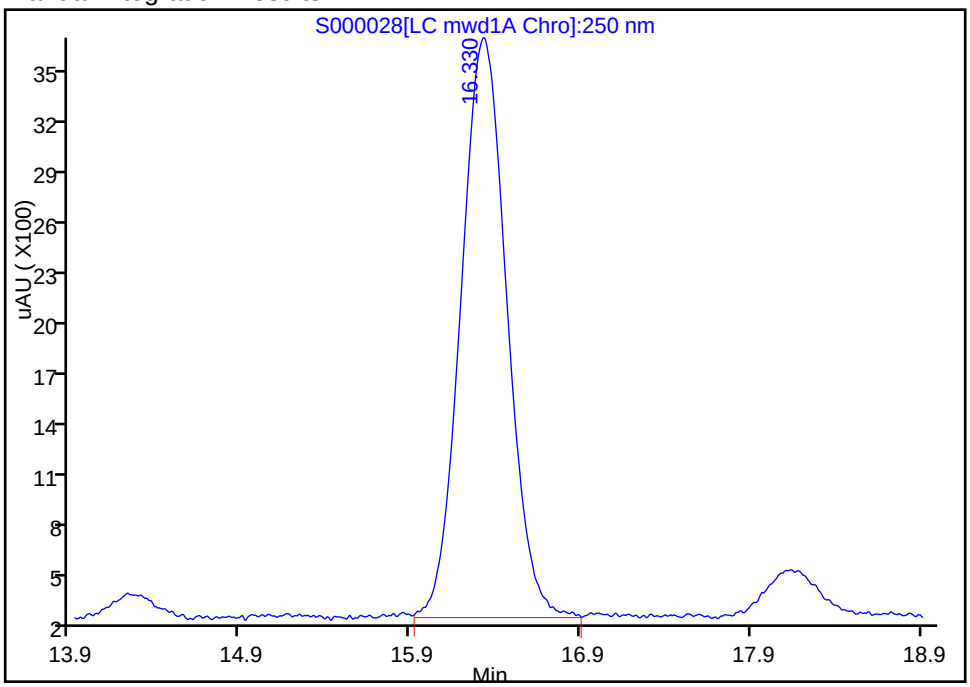
Processing Integration Results

RT: 16.33
Response: 3472
Amount: 60.432656



Manual Integration Results

RT: 16.33
Response: 3369
Amount: 58.881016



Reviewer: shafern, 22-Apr-2013 08:15:23
Audit Action: Manually Integrated
Audit Reason: Baseline

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento | Job No.: 240-22663-1

SDG No.:

Client Sample ID: 073SB-0041M-0001-SO | Lab Sample ID: 240-22663-17

Matrix: Solid | Lab File ID: S000029.D

Analysis Method: 8330B | Date Collected: 04/01/2013 13:03

Extraction Method: 8330B | Date Extracted: 04/11/2013 08:24

Sample wt/vol: 10.02(g) | Date Analyzed: 04/20/2013 05:40

Con. Extract Vol.: 80(mL) | Dilution Factor: 1

Injection Volume: 500(uL) | GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 14706 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.012
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.010
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0073
2691-41-0	HMX	0.050	U	0.25	0.050	0.012
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.018
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.015
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
78-11-5	PETN	0.25	U	0.50	0.25	0.025
121-82-4	RDX	0.050	U	0.25	0.050	0.012
479-45-8	Tetryl	0.050	U	0.25	0.050	0.010
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.010
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	93		78-118

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20130419-4003.b\S000029.D		
Lims ID:	240-22663-F-17-A	Client ID:	073SB-0041M-0001-SO
Inject. Date:	20-Apr-2013 05:40:20	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0004003-016		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	35
Lims Batch ID:	14706	Lims Sample ID:	16
Method:	\\SACChrom\ChromData\LC10\20130419-4003.b\8330_LC10.m		
Last Update:	22-Apr-2013 09:55:32	Calib Date:	19-Apr-2013 15:51:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK024		

First Level Reviewer: shafern Date: 22-Apr-2013 08:15:41

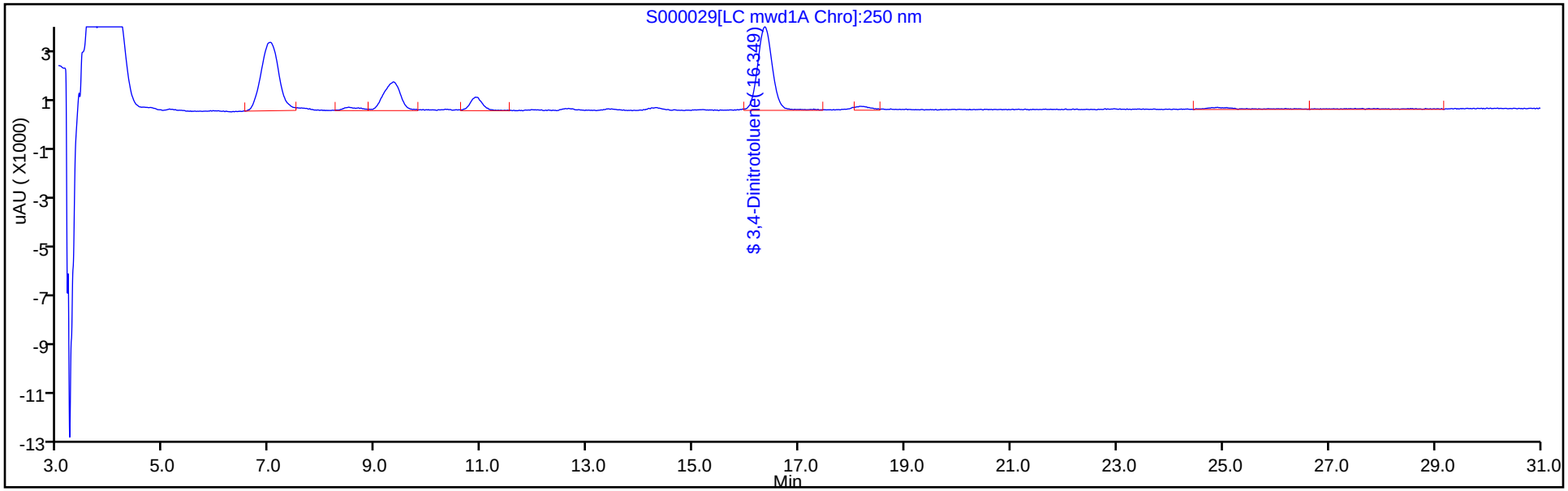
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
$ 30 3,4-Dinitrotoluene						
1	16.349	16.340	0.009	3342	58.4	
2	16.349	16.343	0.006	6347	59.2	

Report Date: 22-Apr-2013 09:55:36 Chrom Revision: 2.1 07-Apr-2013 20:36:54

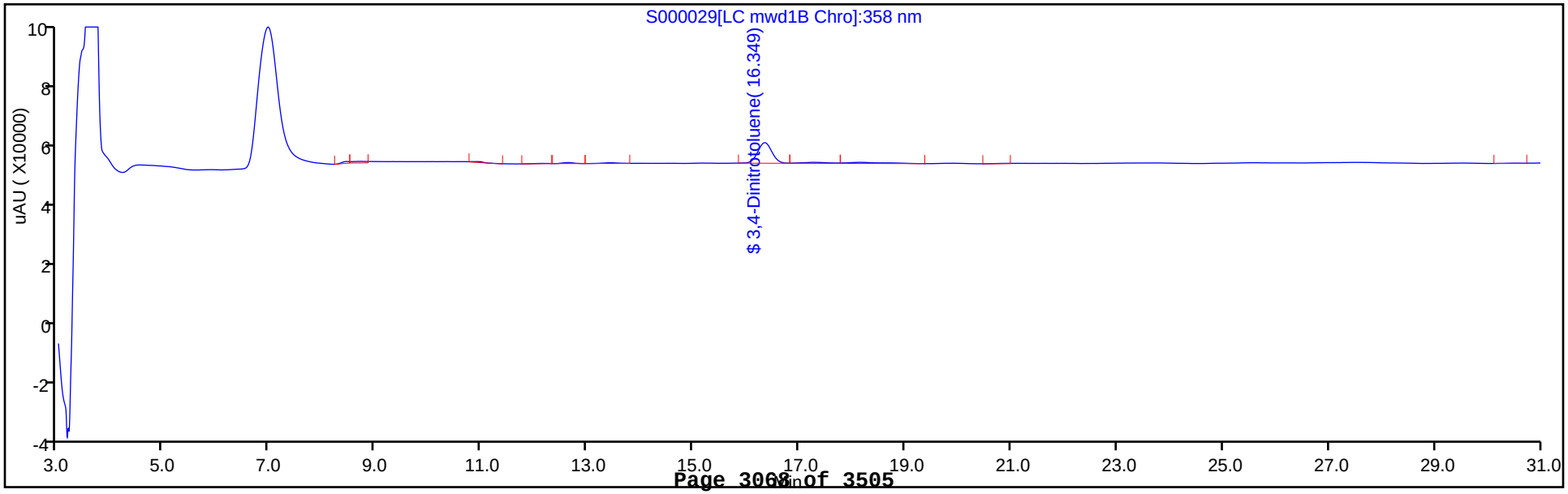
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC10\20130419-4003.b\S000029.D		
Injection Date:	20-Apr-2013 05:40:20	Limit Group:	LC 8330B ICAL
Client ID:	073SB-0041M-0001-SO	Instrument ID:	LC10
Lims Batch ID:	14706	Lims Sample ID:	16
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Client Sample ID: 079SB-0026M-0001-SO Lab Sample ID: 240-22663-26

Matrix: Solid Lab File ID: S000030.D

Analysis Method: 8330B Date Collected: 04/01/2013 10:37

Extraction Method: 8330B Date Extracted: 04/11/2013 08:24

Sample wt/vol: 10.04(g) Date Analyzed: 04/20/2013 06:24

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 14706 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.012
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.010
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0073
2691-41-0	HMX	0.050	U	0.25	0.050	0.012
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.018
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.015
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
78-11-5	PETN	0.25	U	0.50	0.25	0.025
121-82-4	RDX	0.050	U	0.25	0.050	0.012
479-45-8	Tetryl	0.050	U	0.25	0.050	0.010
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.010
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	94		78-118

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20130419-4003.b\S000030.D		
Lims ID:	240-22663-F-26-A	Client ID:	079SB-0026M-0001-SO
Inject. Date:	20-Apr-2013 06:24:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0004003-017		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	36
Lims Batch ID:	14706	Lims Sample ID:	17
Method:	\\SACChrom\ChromData\LC10\20130419-4003.b\8330_LC10.m		
Last Update:	22-Apr-2013 09:55:32	Calib Date:	19-Apr-2013 15:51:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK024		

First Level Reviewer: shafern Date: 22-Apr-2013 08:16:13

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
$ 30 3,4-Dinitrotoluene						
1	16.319	16.340	-0.021	3352	58.6	
2	16.319	16.343	-0.024	6493	60.6	

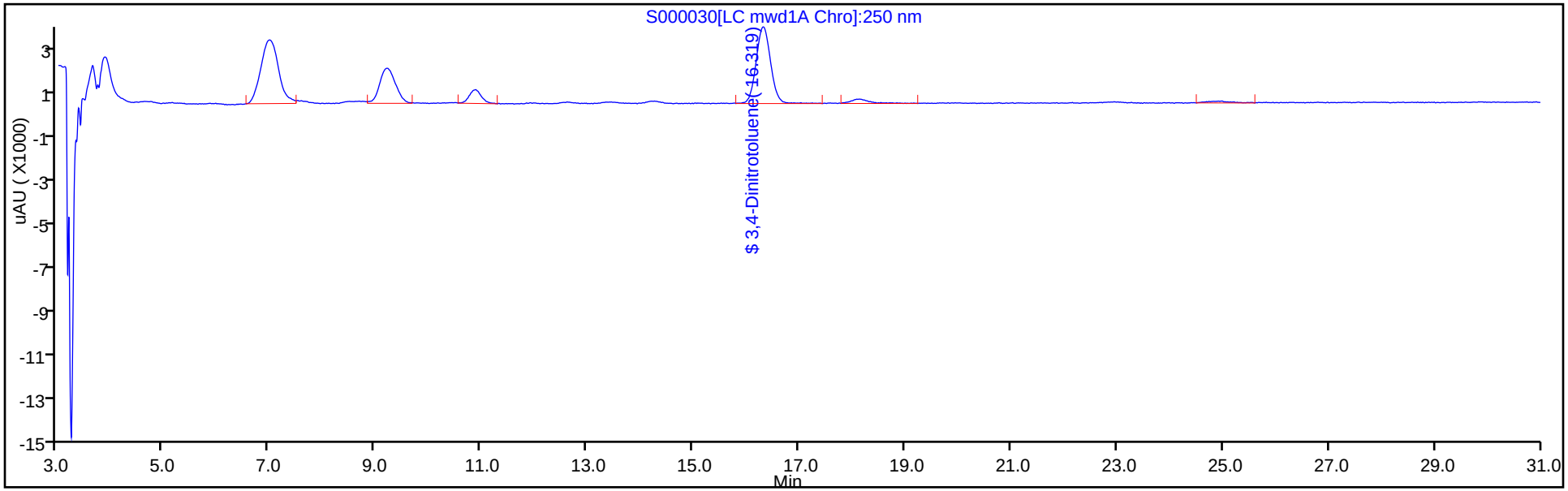
Report Date: 22-Apr-2013 09:55:36 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

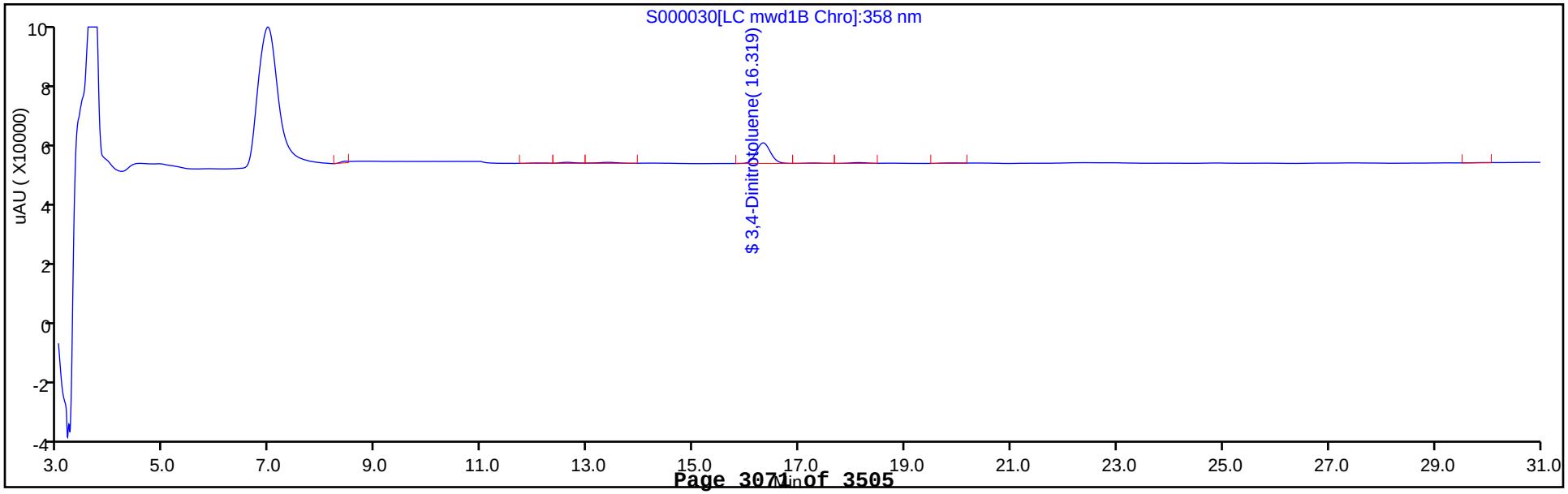
Data File: \\SACChrom\ChromData\LC10\20130419-4003.b\S000030.D

Injection Date:	20-Apr-2013 06:24:00	Limit Group:	LC 8330B ICAL
Client ID:	079SB-0026M-0001-SO	Instrument ID:	LC10
Lims Batch ID:	14706	Lims Sample ID:	17
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento | Job No.: 240-22663-1

SDG No.:

Client Sample ID: 079SB-0028M-0001-SO | Lab Sample ID: 240-22663-28

Matrix: Solid | Lab File ID: S000031.D

Analysis Method: 8330B | Date Collected: 04/01/2013 10:43

Extraction Method: 8330B | Date Extracted: 04/11/2013 08:24

Sample wt/vol: 10.04(g) | Date Analyzed: 04/20/2013 07:07

Con. Extract Vol.: 80(mL) | Dilution Factor: 1

Injection Volume: 500(uL) | GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 14706 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.012
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.010
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0073
2691-41-0	HMX	0.050	U M	0.25	0.050	0.012
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.018
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.015
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
78-11-5	PETN	0.25	U	0.50	0.25	0.025
121-82-4	RDX	0.050	U	0.25	0.050	0.012
479-45-8	Tetryl	0.050	U	0.25	0.050	0.010
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.010
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	93		78-118

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20130419-4003.b\S000031.D		
Lims ID:	240-22663-F-28-A	Client ID:	079SB-0028M-0001-SO
Inject. Date:	20-Apr-2013 07:07:45	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0004003-018		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	37
Lims Batch ID:	14706	Lims Sample ID:	18
Method:	\\SACChrom\ChromData\LC10\20130419-4003.b\8330_LC10.m		
Last Update:	22-Apr-2013 09:55:32	Calib Date:	19-Apr-2013 15:51:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK024		

First Level Reviewer: shafern Date: 22-Apr-2013 08:17:39

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						M
1	5.175	5.183	-0.008	84	0.6696	M
$ 30 3,4-Dinitrotoluene						
1	16.311	16.340	-0.029	3330	58.2	
2	16.311	16.343	-0.032	6461	60.3	

QC Flag Legend

Review Flags
M - Manually Integrated

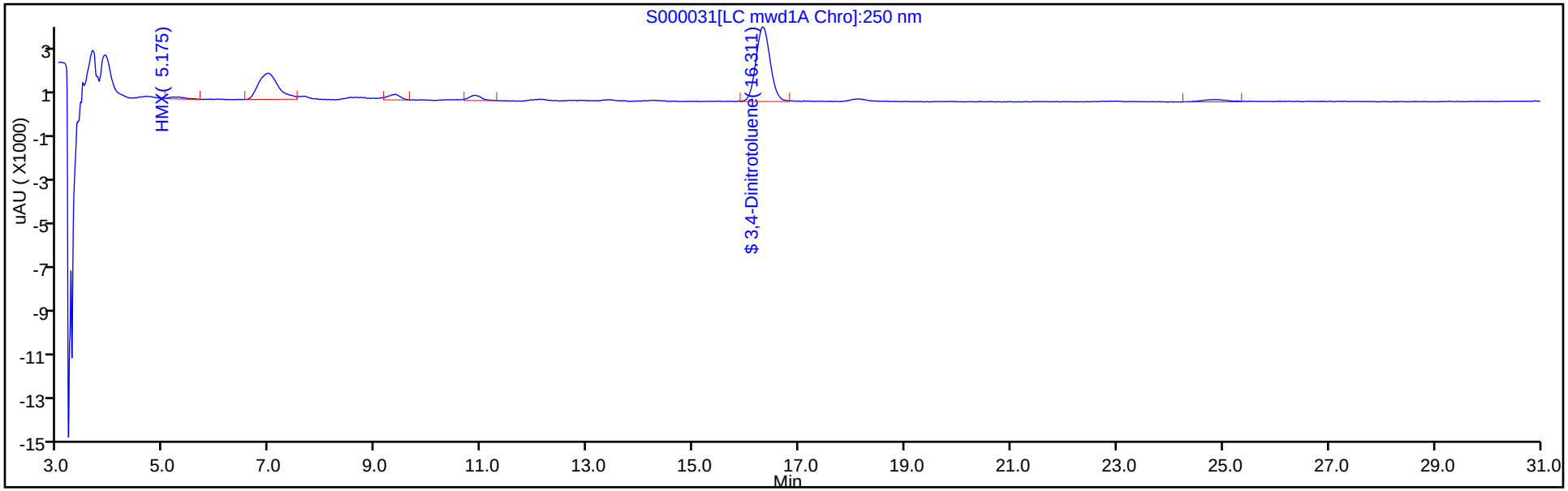
Report Date: 22-Apr-2013 09:55:35 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

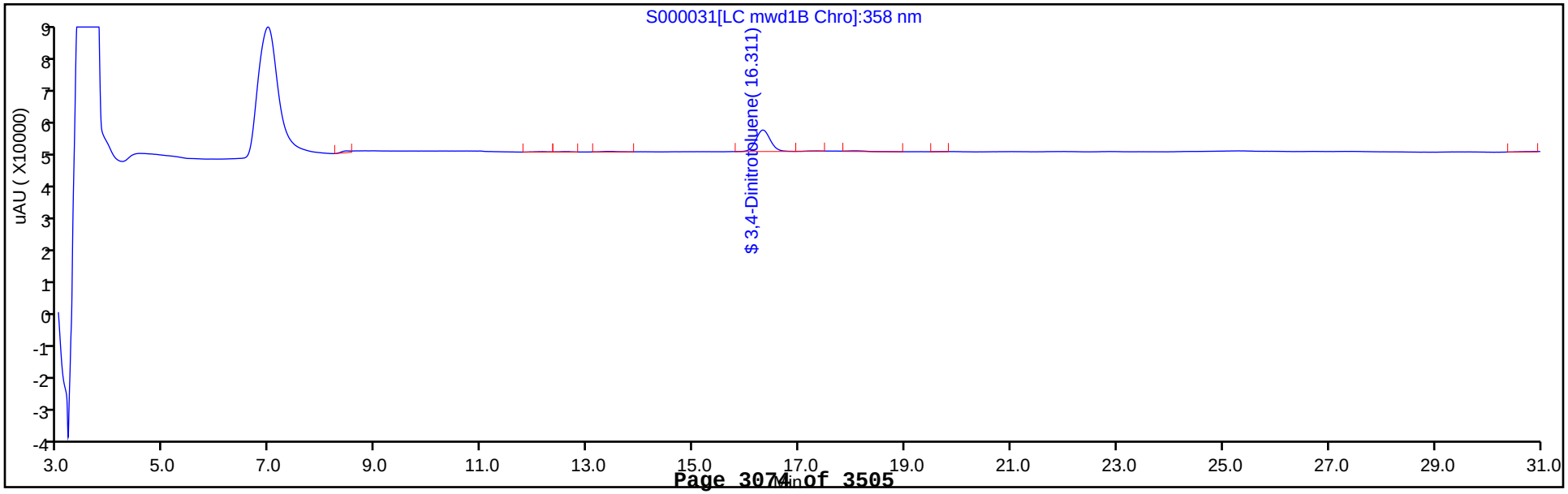
Data File: \\SACChrom\ChromData\LC10\20130419-4003.b\S000031.D

Injection Date:	20-Apr-2013 07:07:45	Limit Group:	LC 8330B ICAL
Client ID:	079SB-0028M-0001-SO	Instrument ID:	LC10
Lims Batch ID:	14706	Lims Sample ID:	18
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

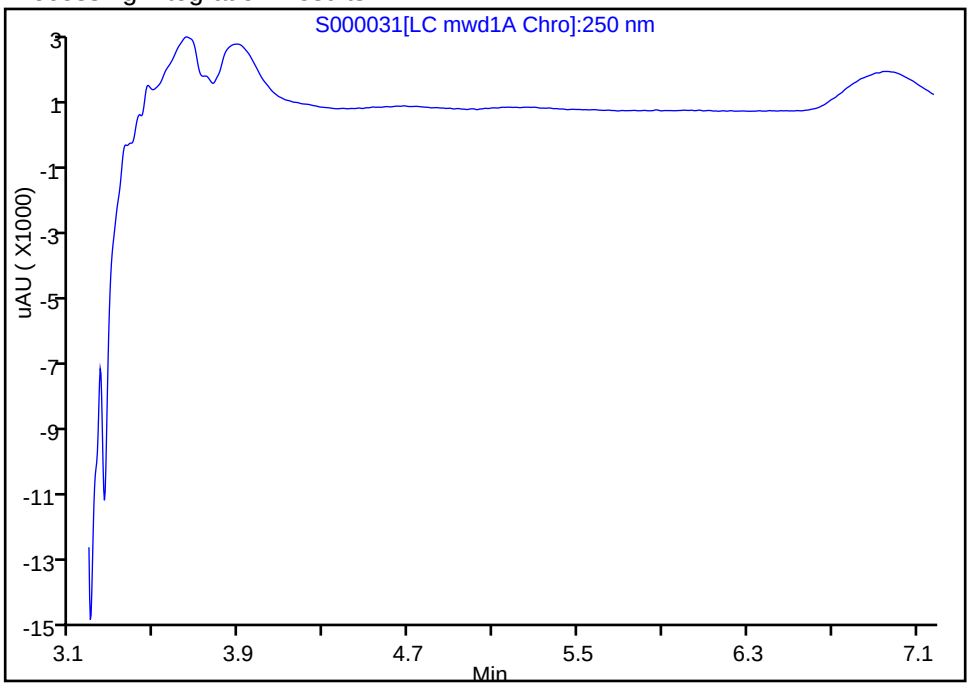
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC10\20130419-4003.b\S000031.D		
Injection Date:	20-Apr-2013 07:07:45	Limit Group:	LC 8330B ICAL
Client ID:	079SB-0028M-0001-SO	Instrument ID:	LC10
Lims Batch ID:	14706	Lims Sample ID:	18
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

11 HMX, Signal: 1, Type: quant, RT: 5.18, Det: LC mwd1A

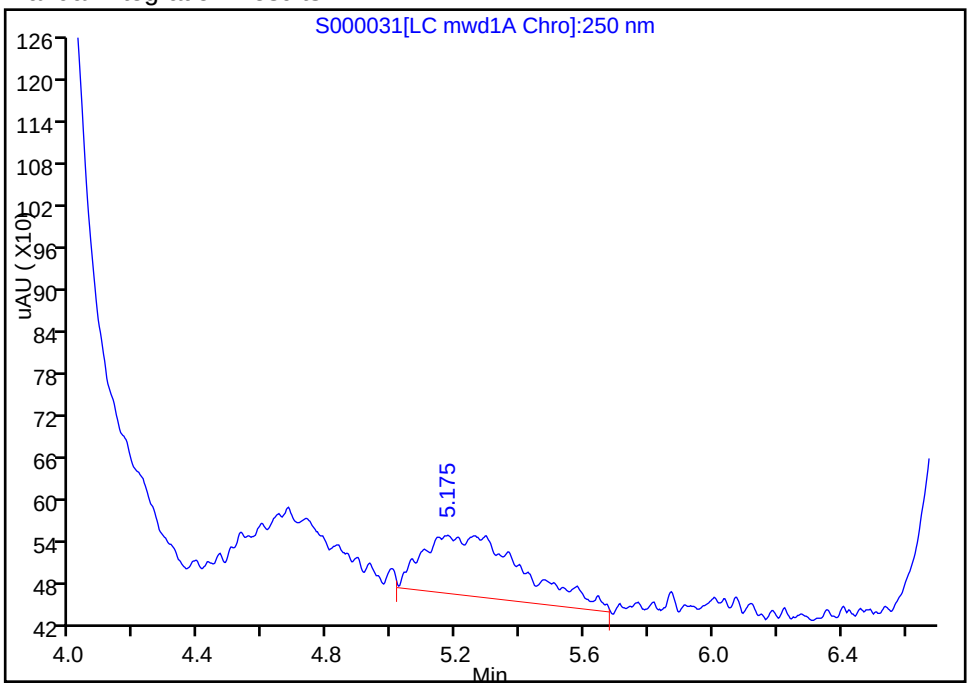
Processing Integration Results

Not Detected
Expected RT: 5.18



Manual Integration Results

RT: 5.17
Response: 84
Amount: 0.669564



Reviewer: shafern, 22-Apr-2013 08:17:39
Audit Action: Manually Integrated/Assigned Compound ID
Audit Reason: Peak not integrated

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1 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.: 240-22663-1 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.: 240-22663-1 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.: 240-22663-1 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.: 240-22663-1 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

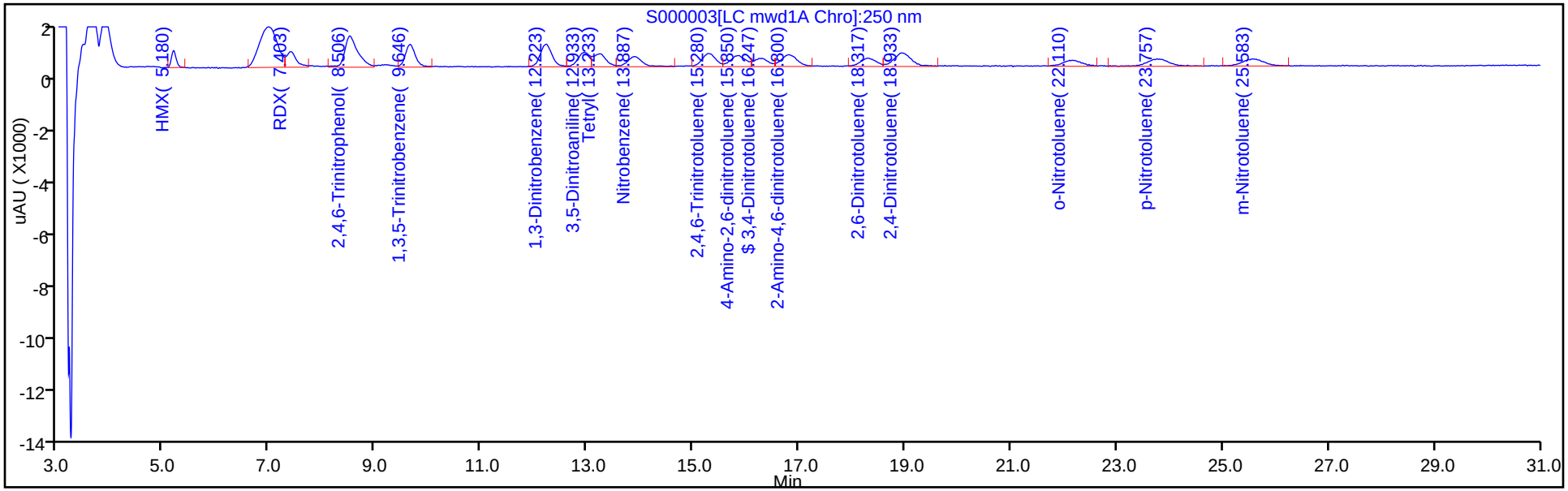
Review Flags
M - Manually Integrated

Report Date: 22-Apr-2013 09:45:25 Chrom Revision: 2.1 07-Apr-2013 20:36:54

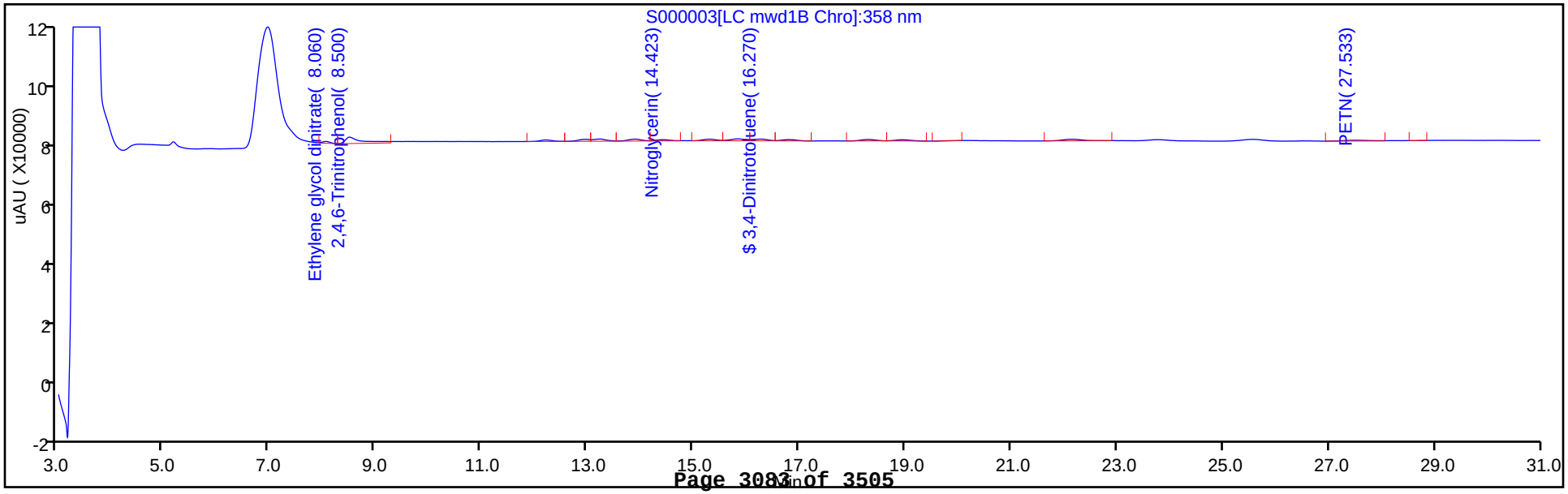
TestAmerica Sacramento

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

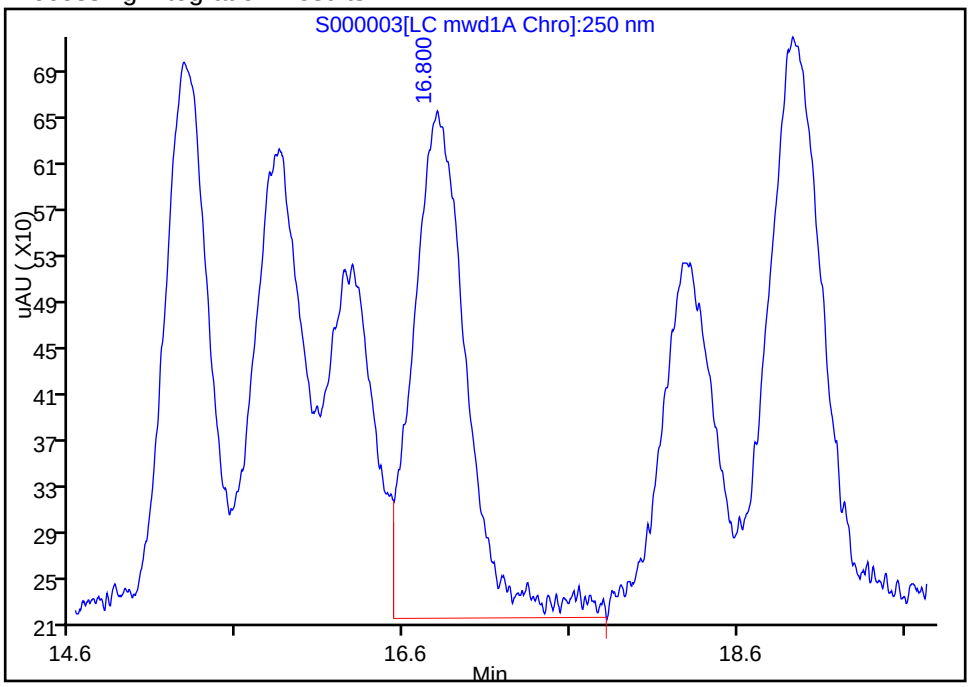
TestAmerica Sacramento

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

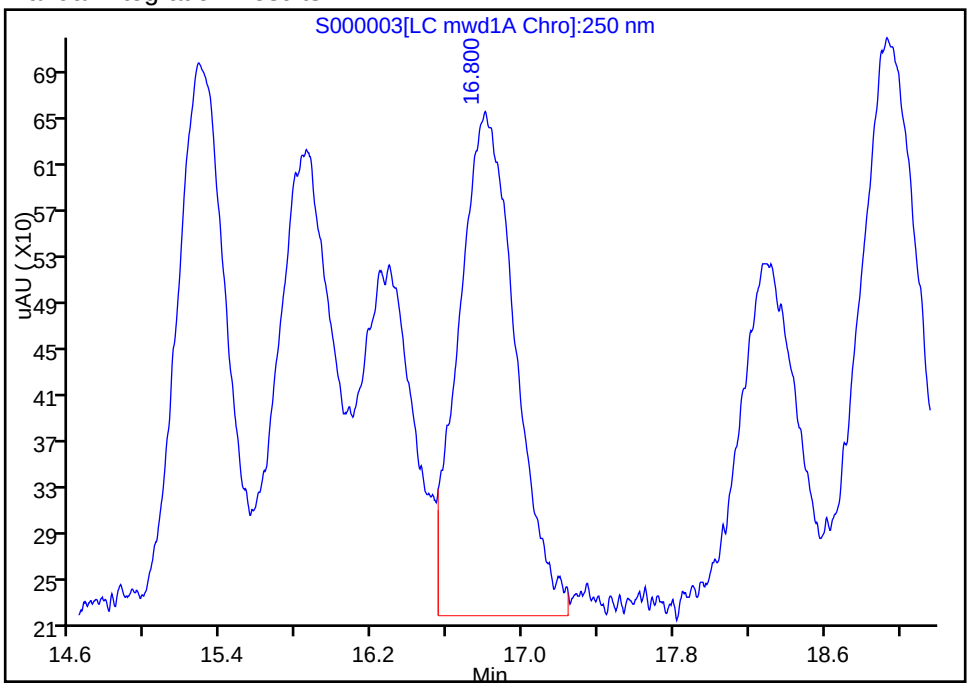
Processing Integration Results

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

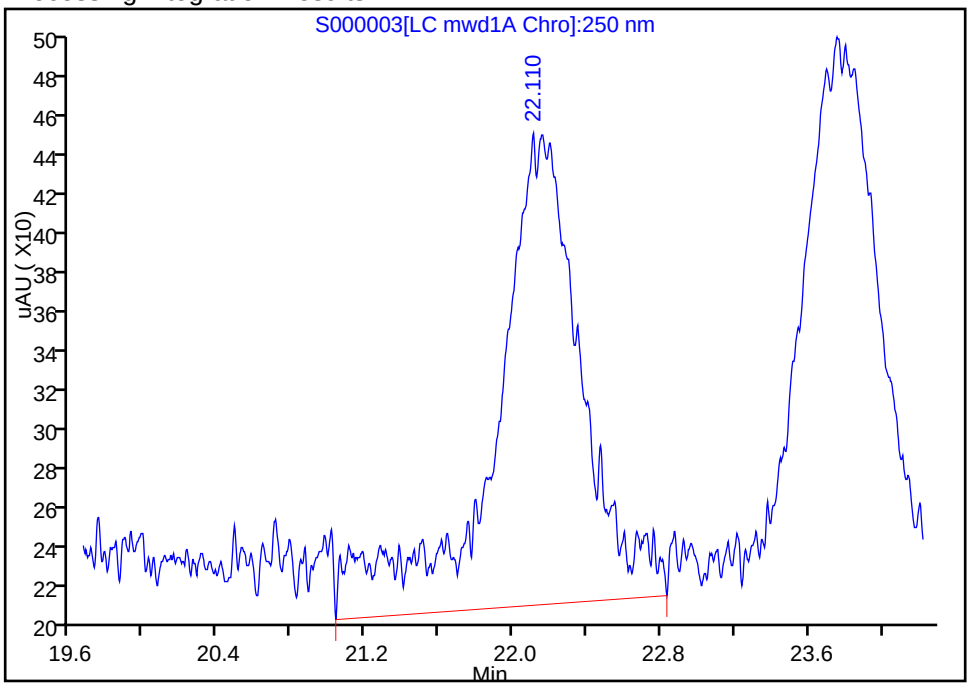
TestAmerica Sacramento

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

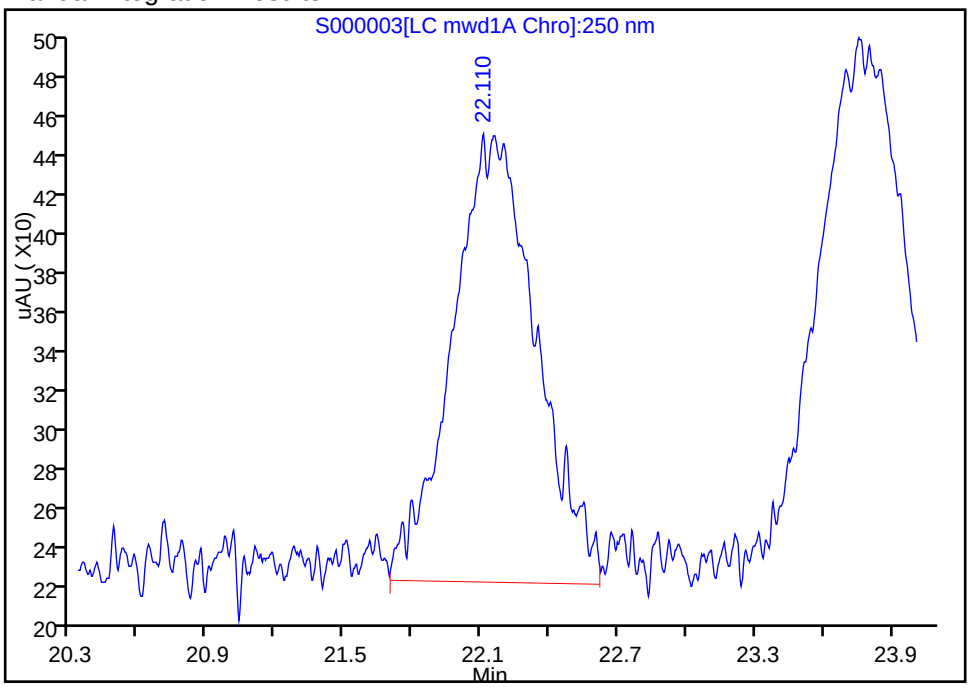
Processing Integration Results

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

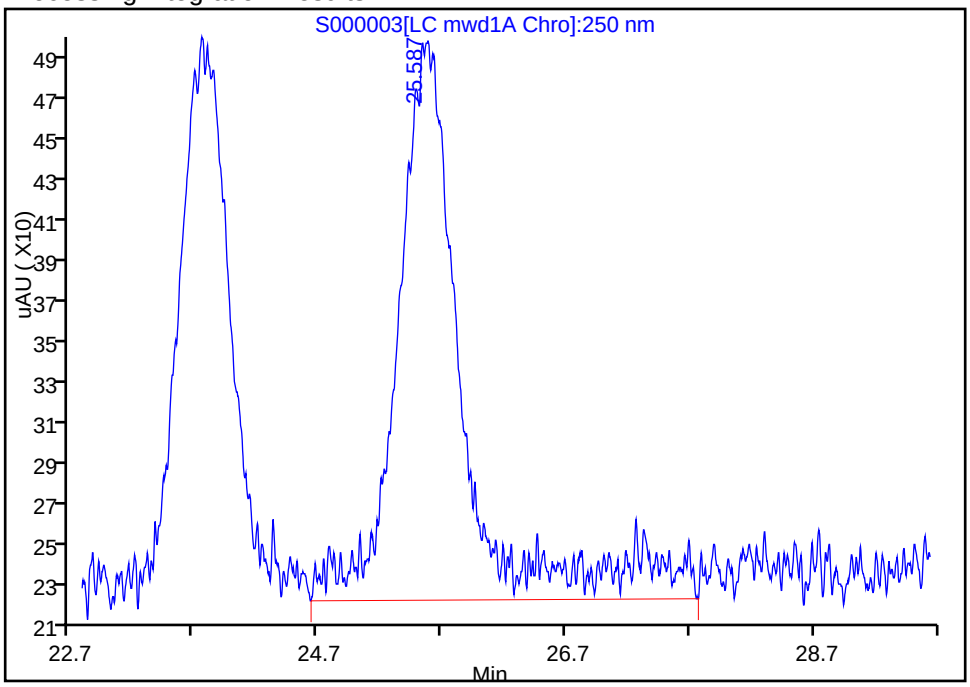
TestAmerica Sacramento

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

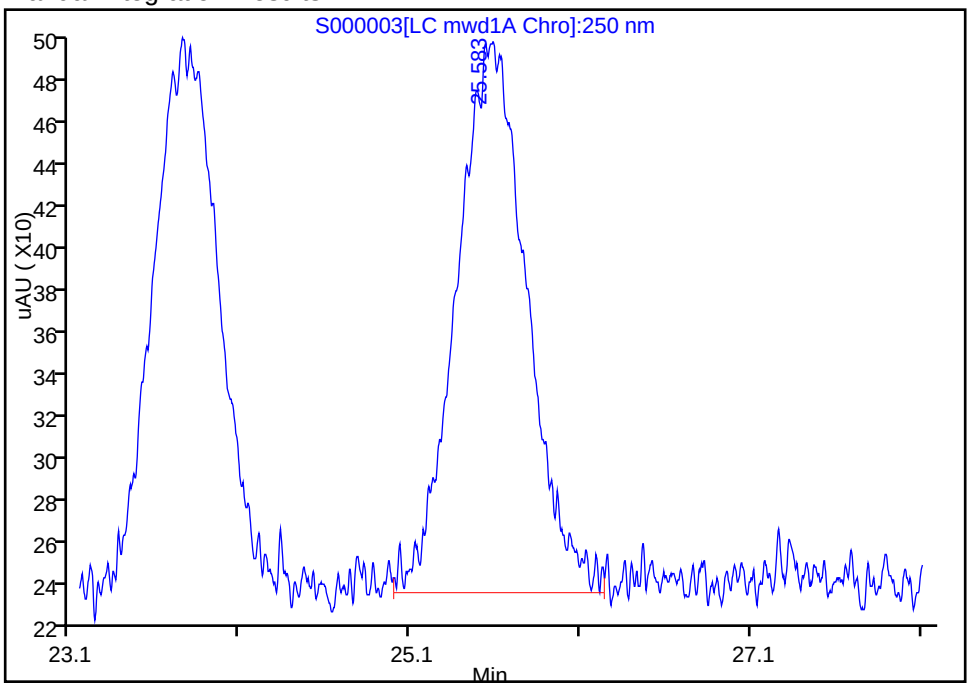
Processing Integration Results

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

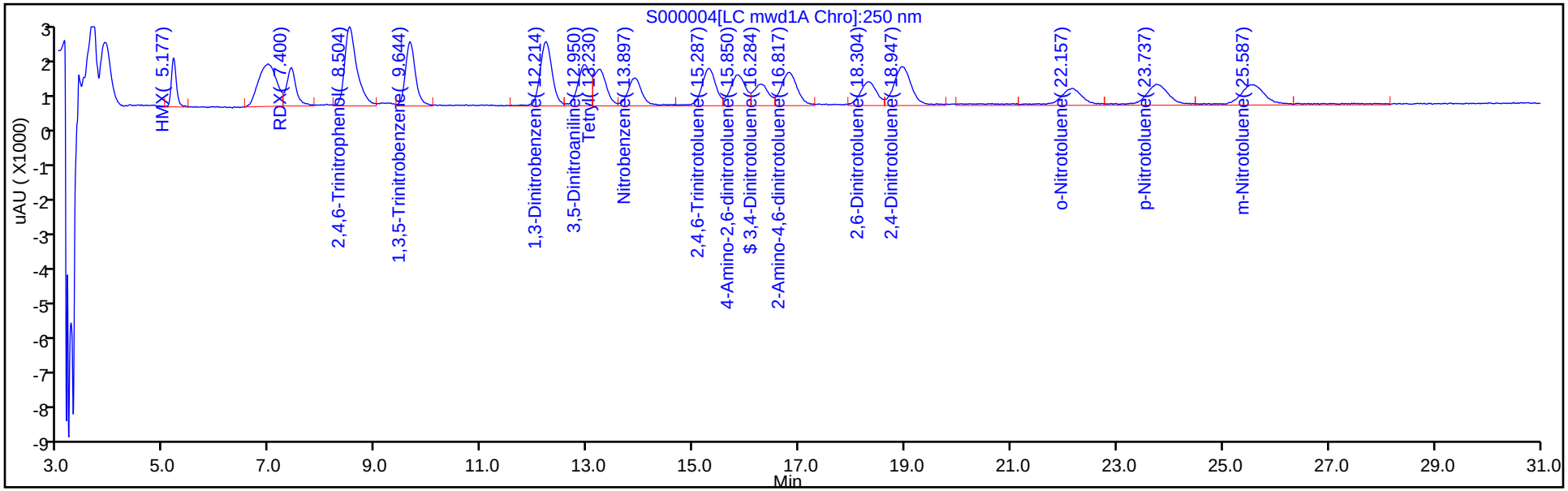
Report Date: 22-Apr-2013 09:45:26 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

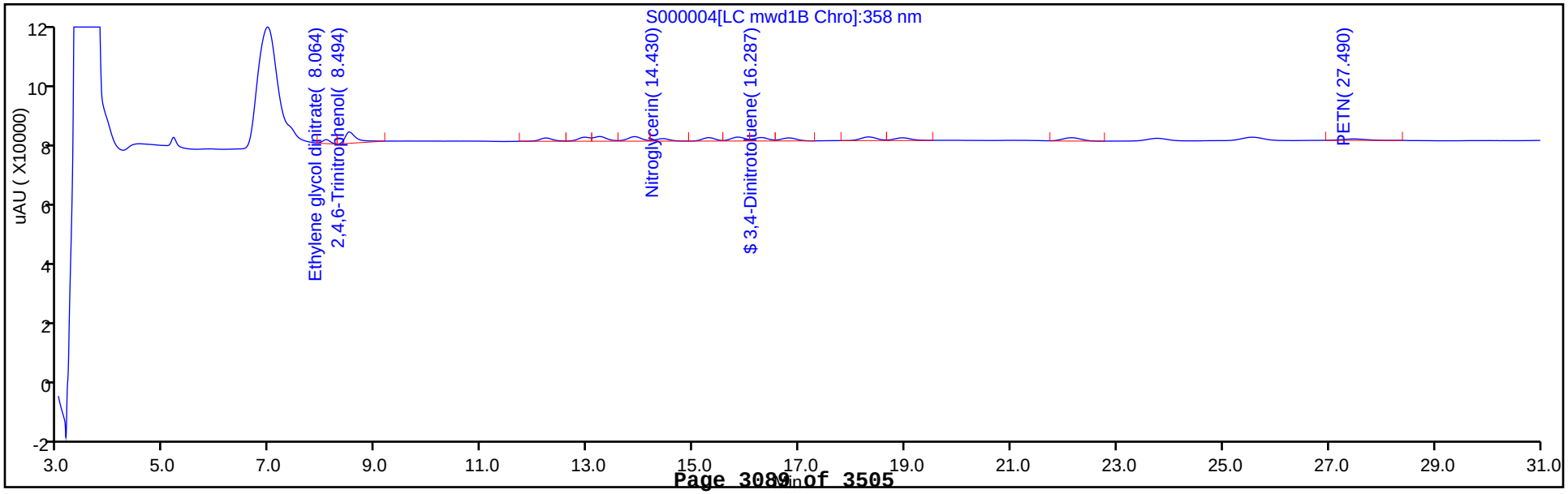
Data File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000004.D

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

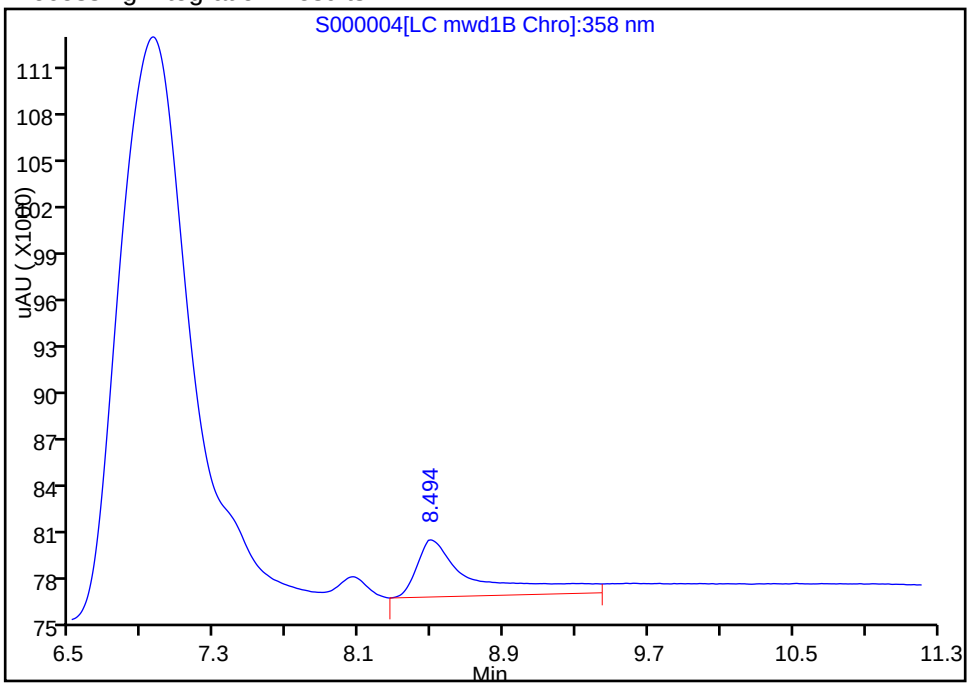
TestAmerica Sacramento

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

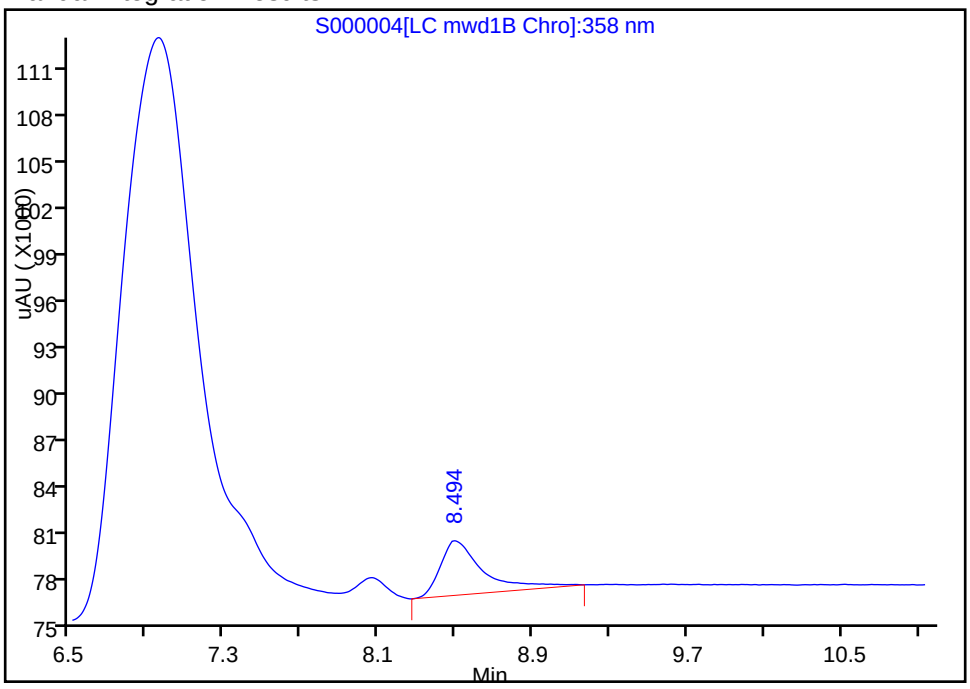
Processing Integration Results

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

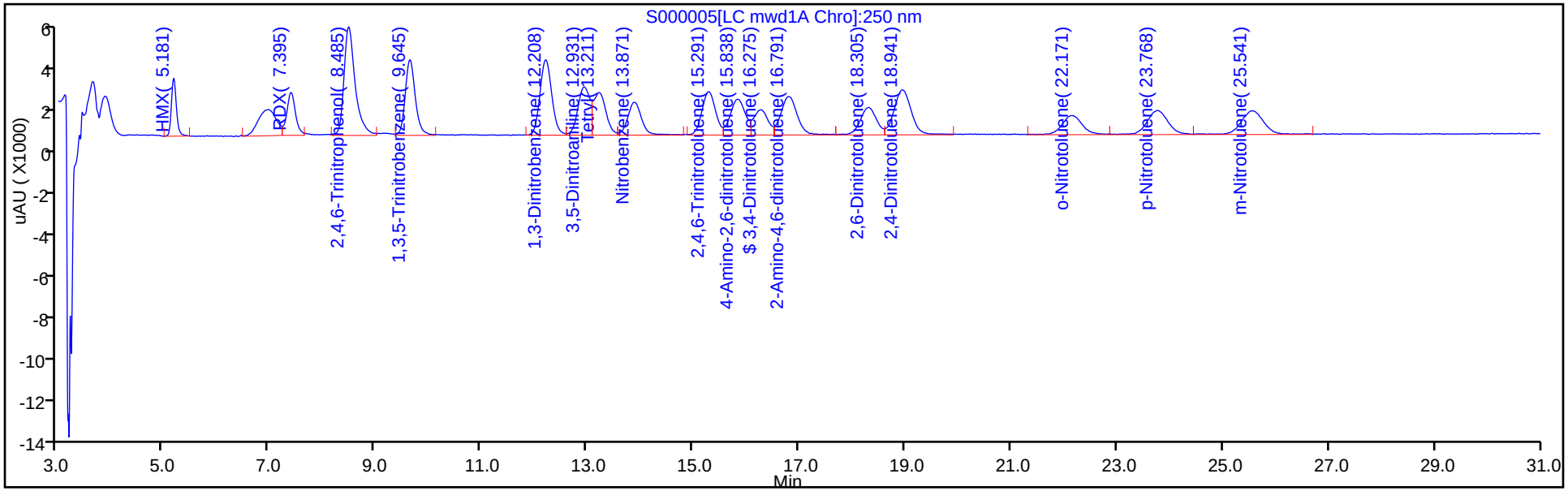
Report Date: 22-Apr-2013 09:45:27 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

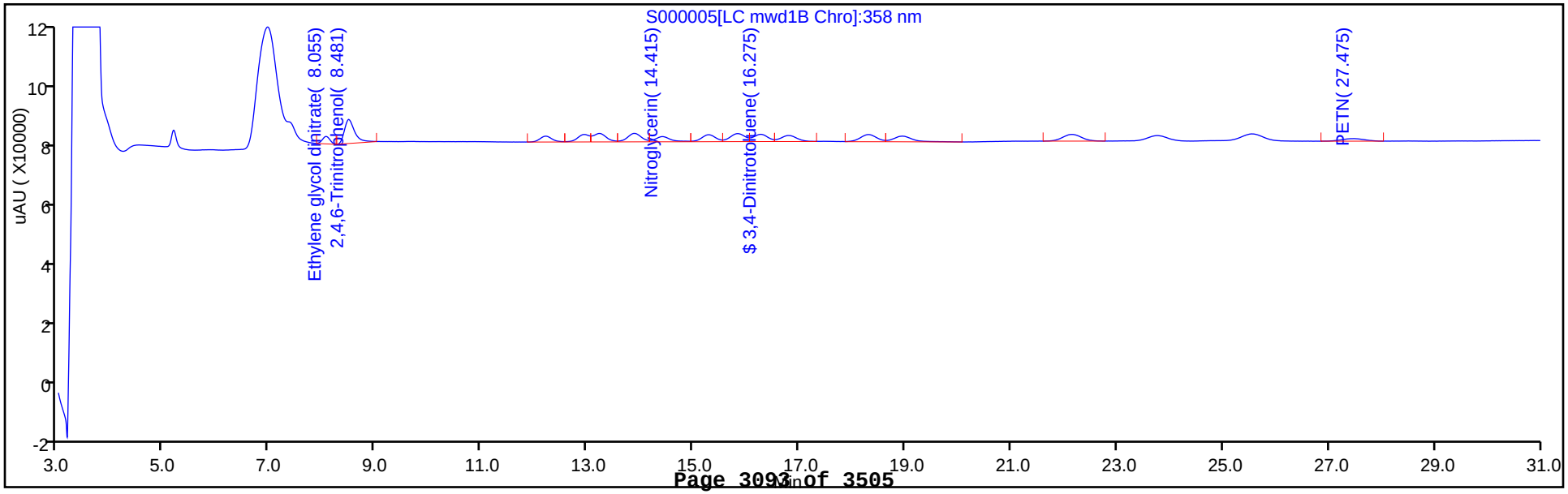
Data File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000005.D

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

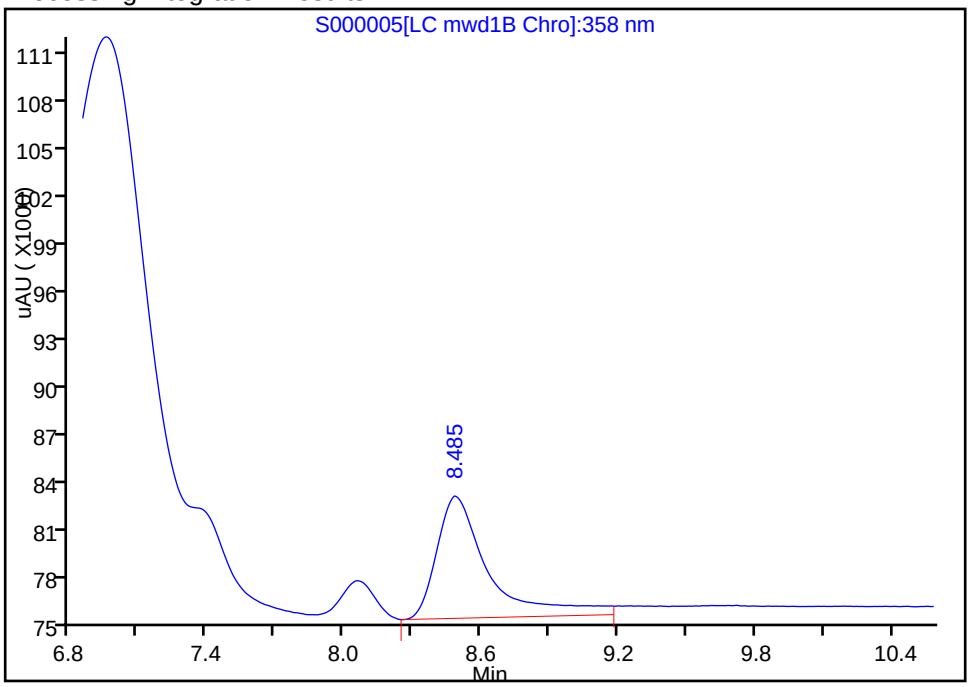
TestAmerica Sacramento

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

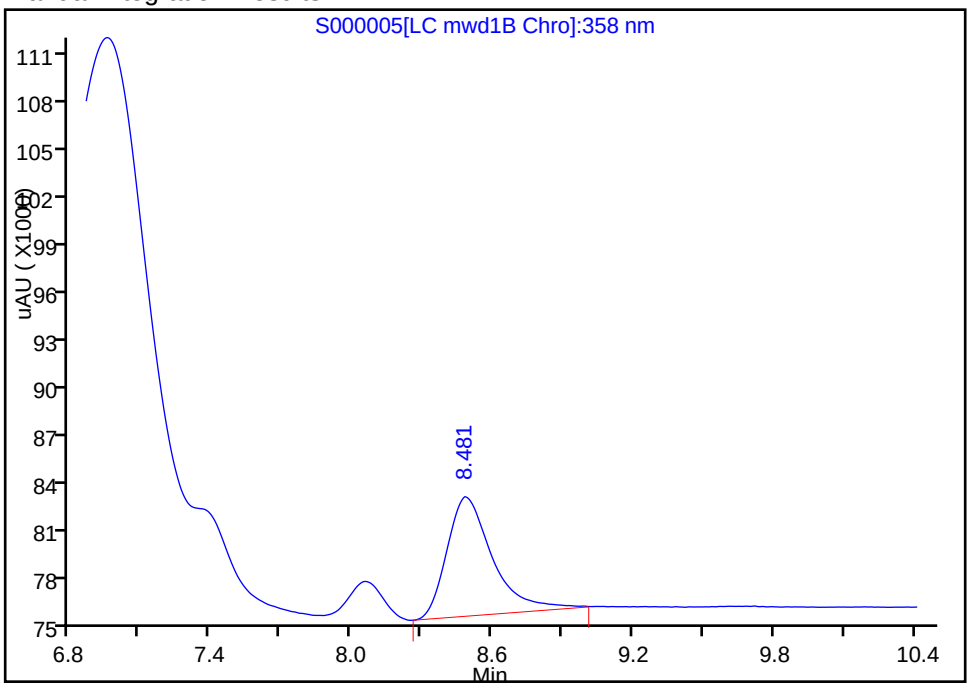
Processing Integration Results

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

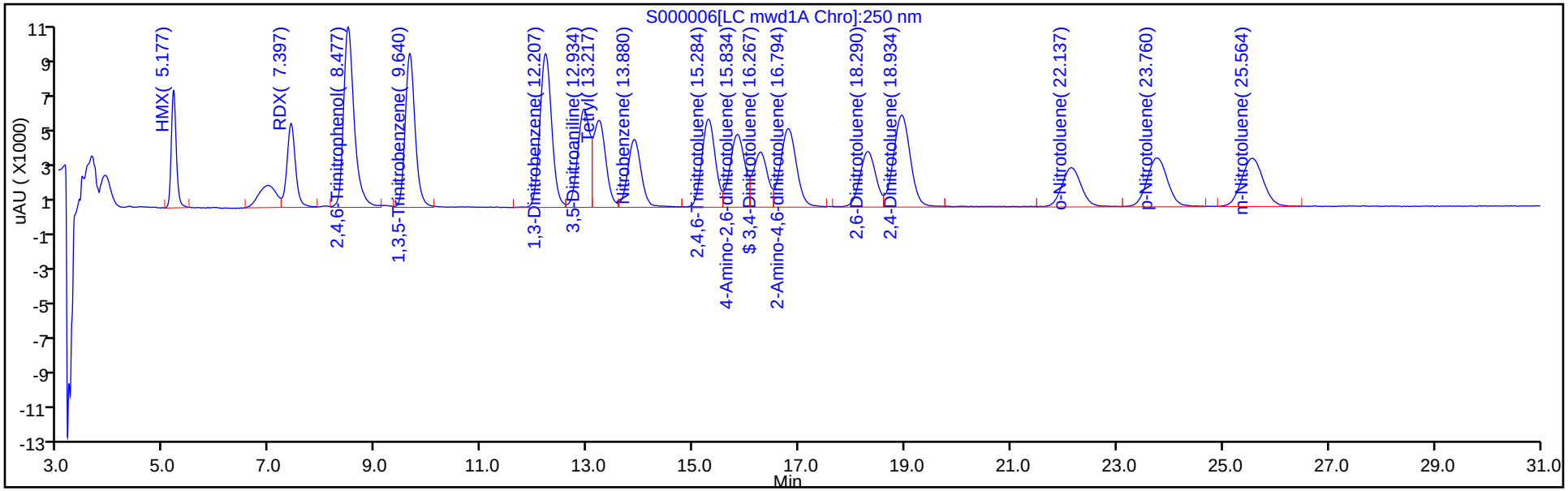
Report Date: 22-Apr-2013 09:45:28 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

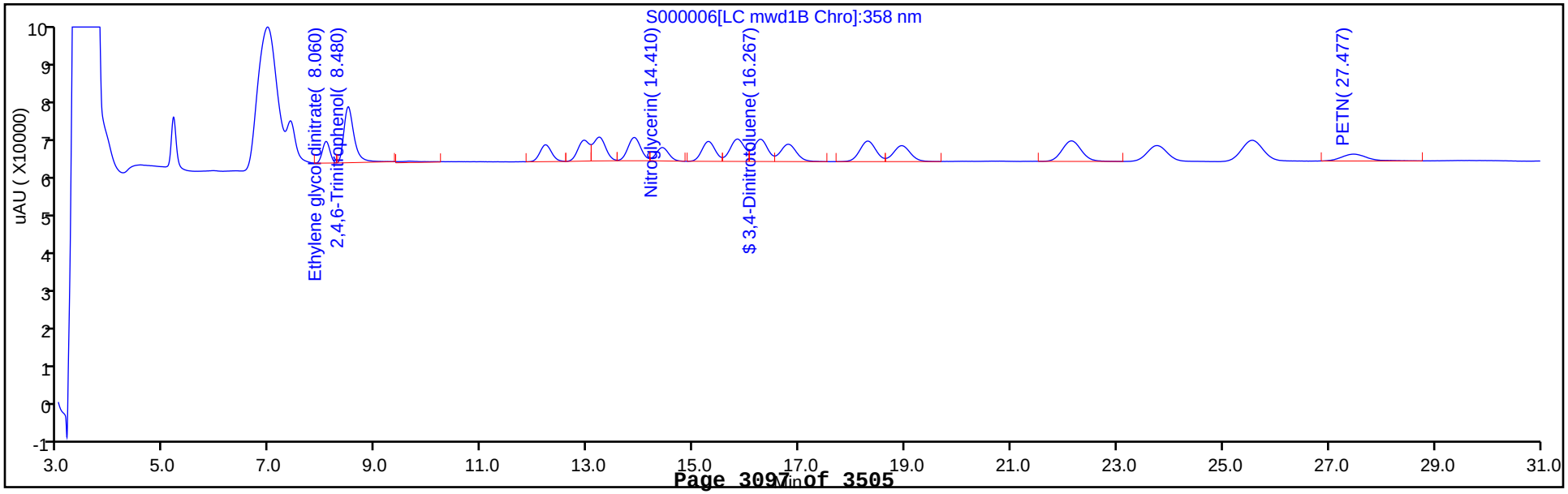
Data File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000006.D

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

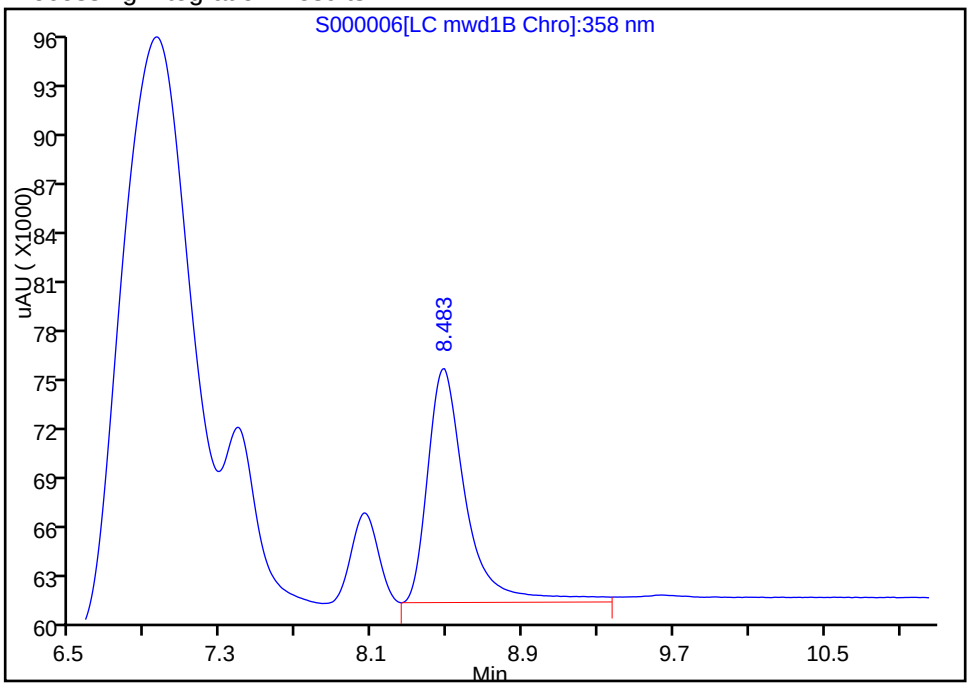
TestAmerica Sacramento

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

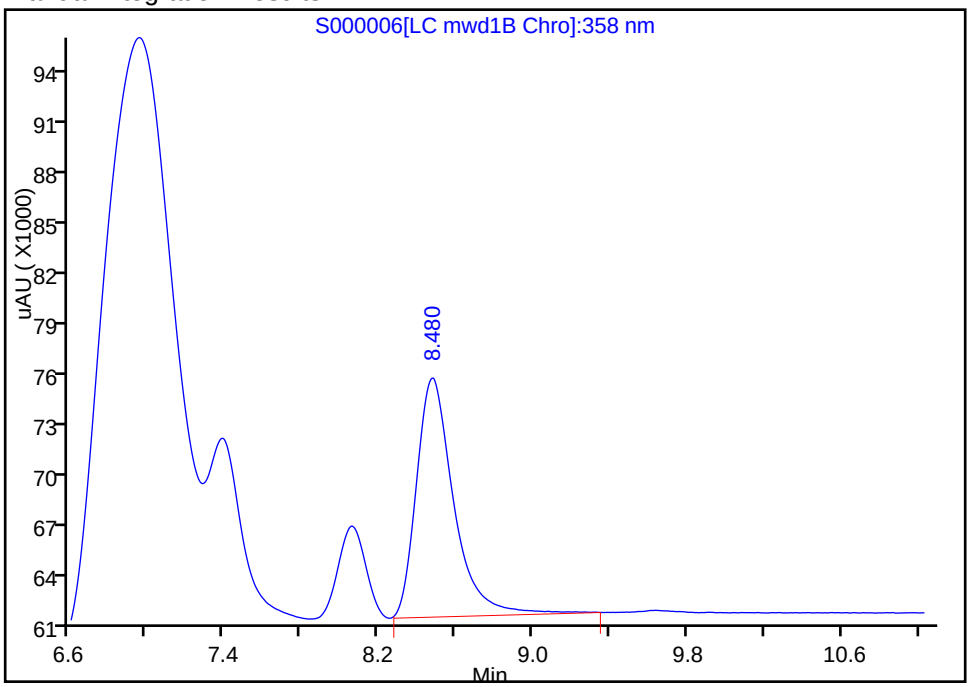
Processing Integration Results

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

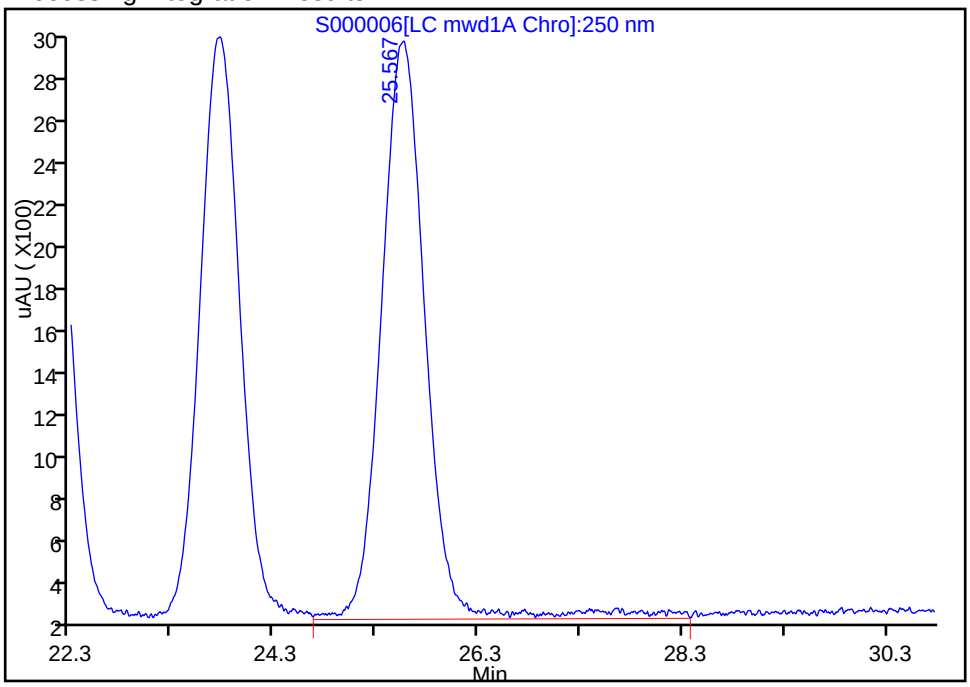
TestAmerica Sacramento

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

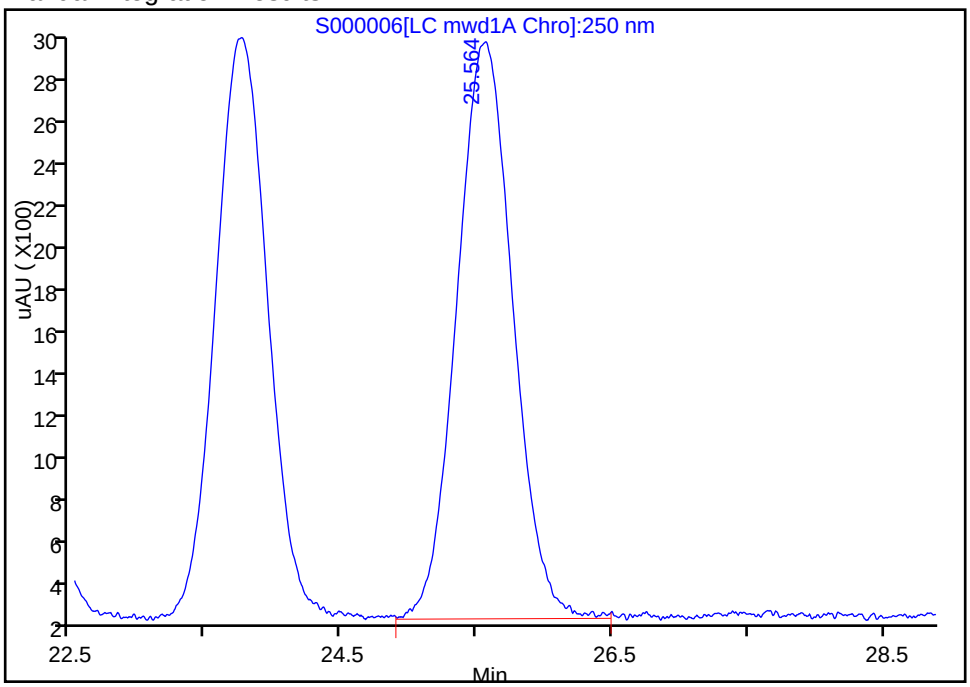
Processing Integration Results

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	

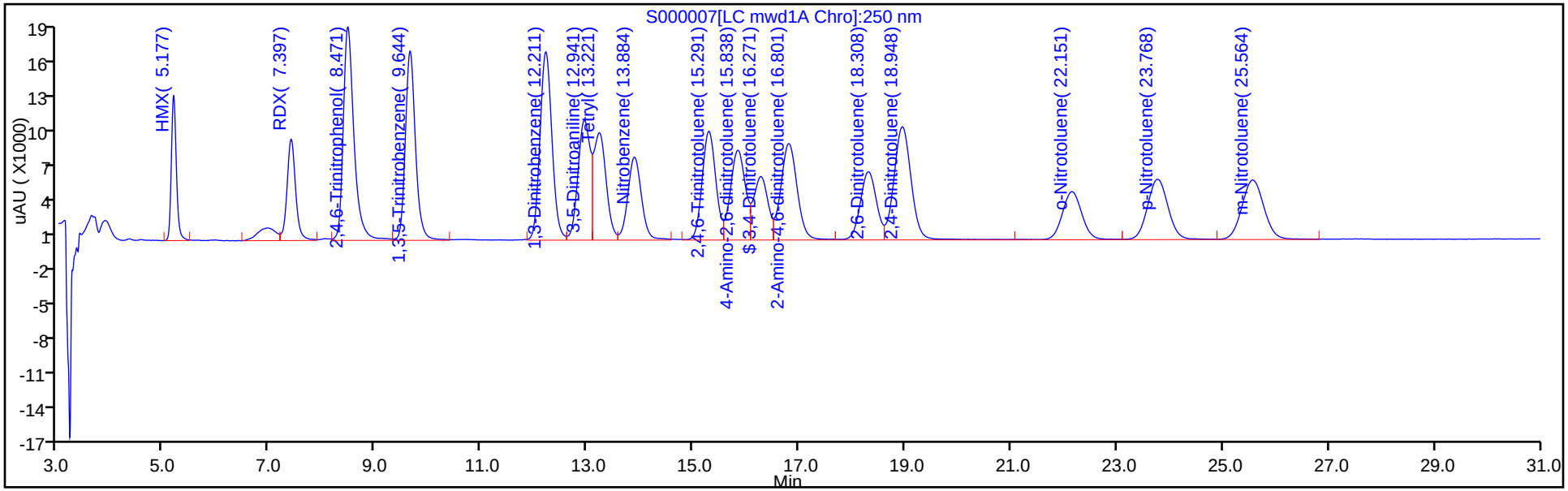
Report Date: 22-Apr-2013 09:45:28 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

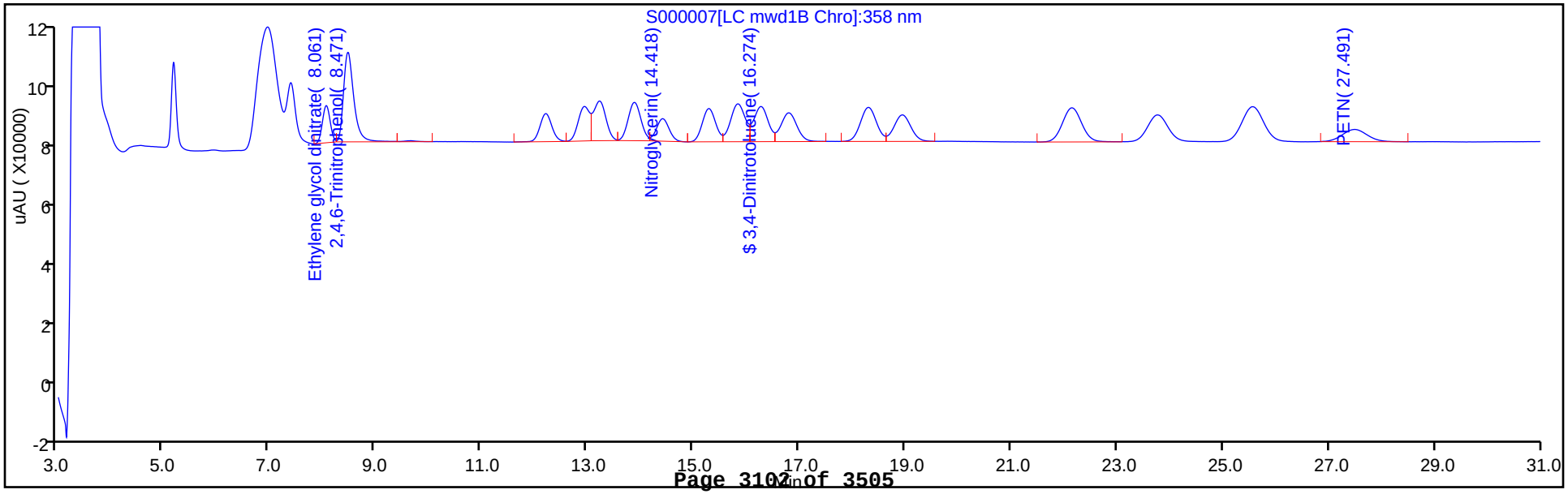
Data File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000007.D

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

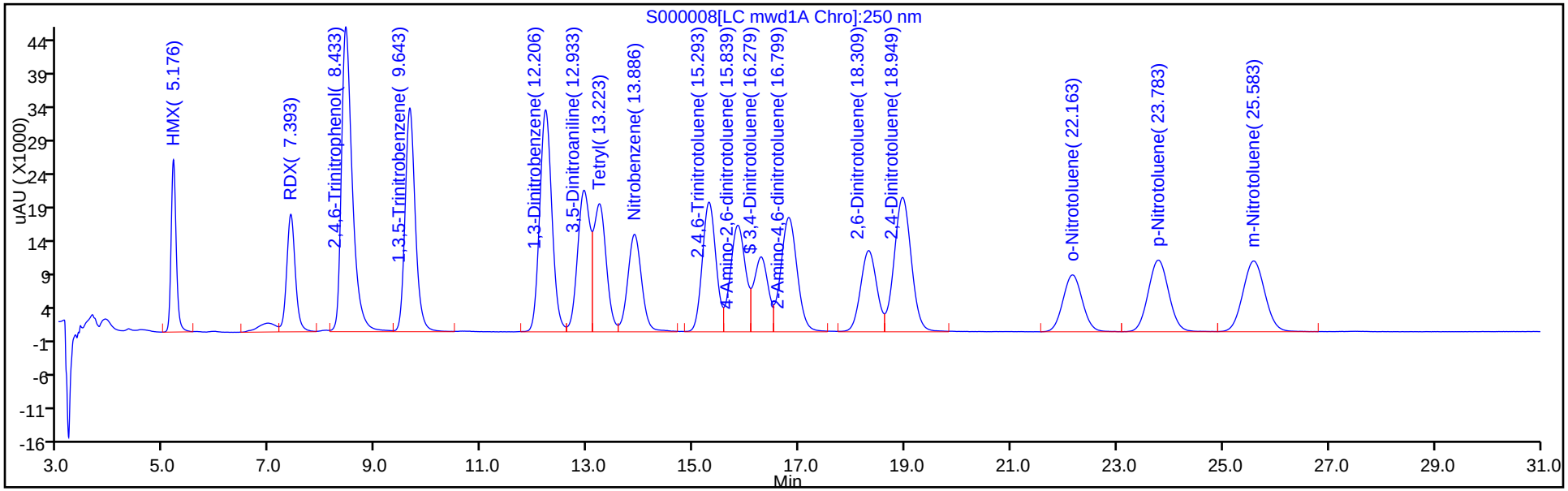
Report Date: 22-Apr-2013 09:45:29 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

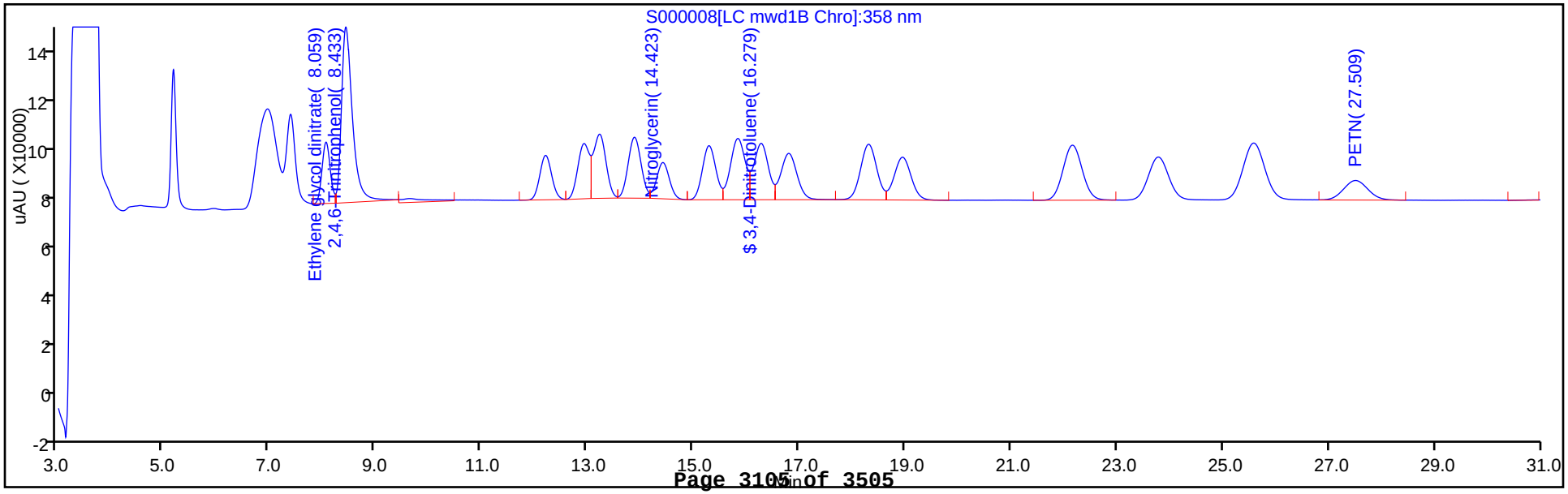
Data File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000008.D

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

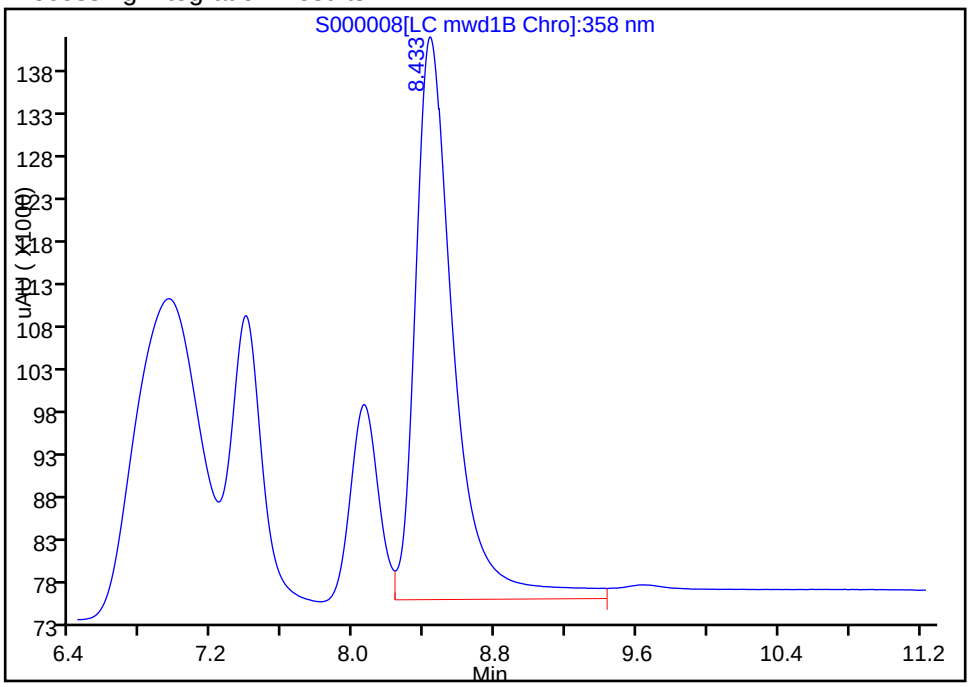
TestAmerica Sacramento

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

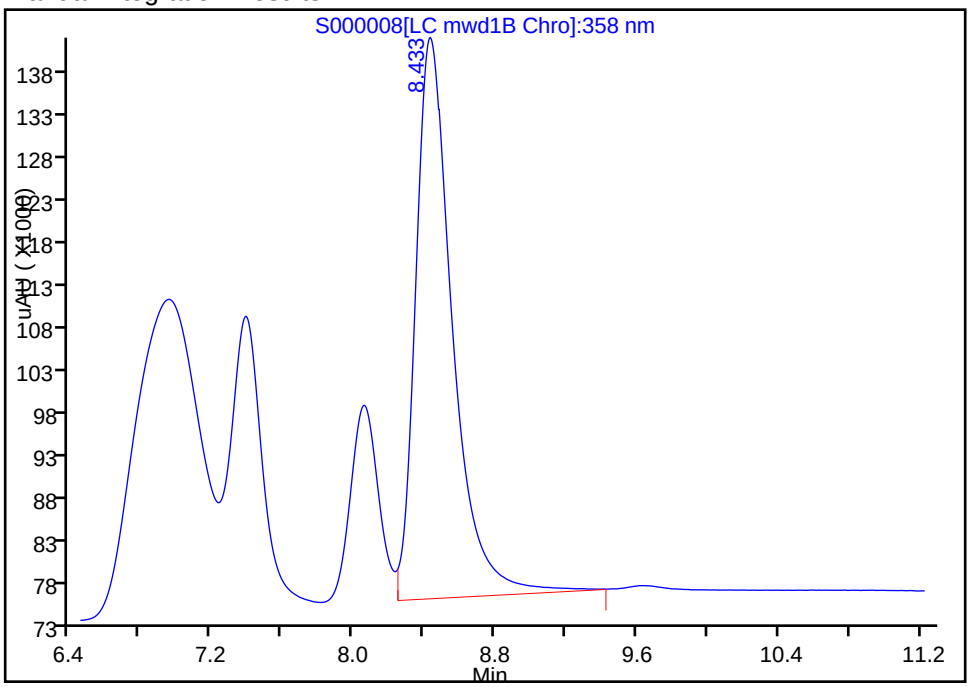
Processing Integration Results

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

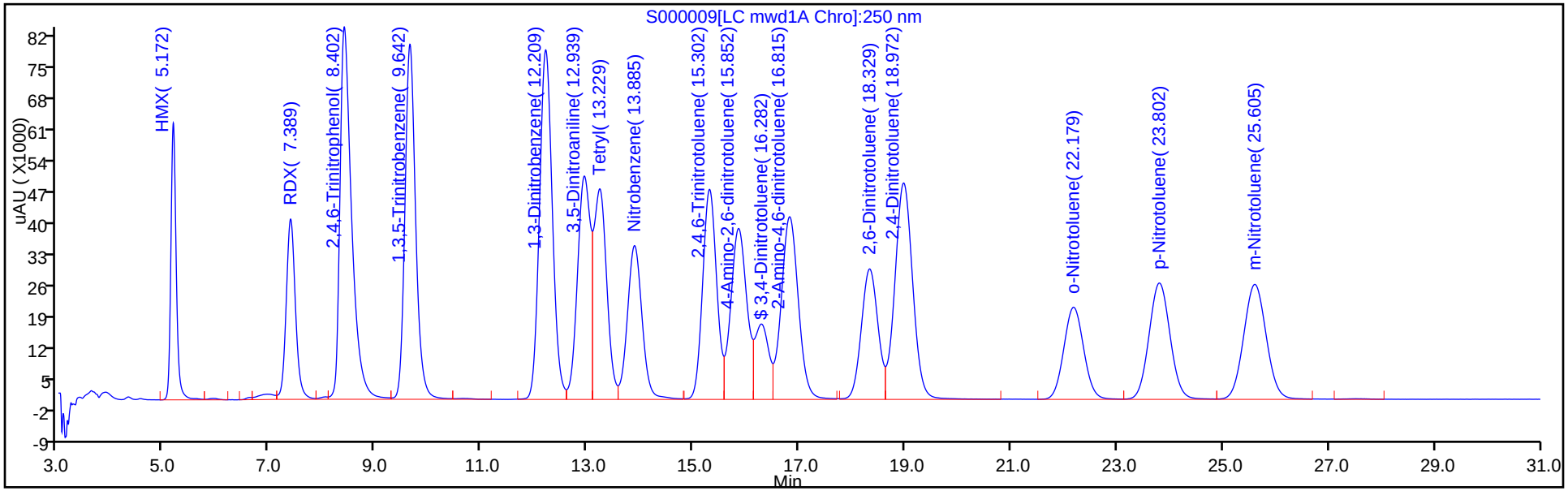
Report Date: 22-Apr-2013 09:45:30 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

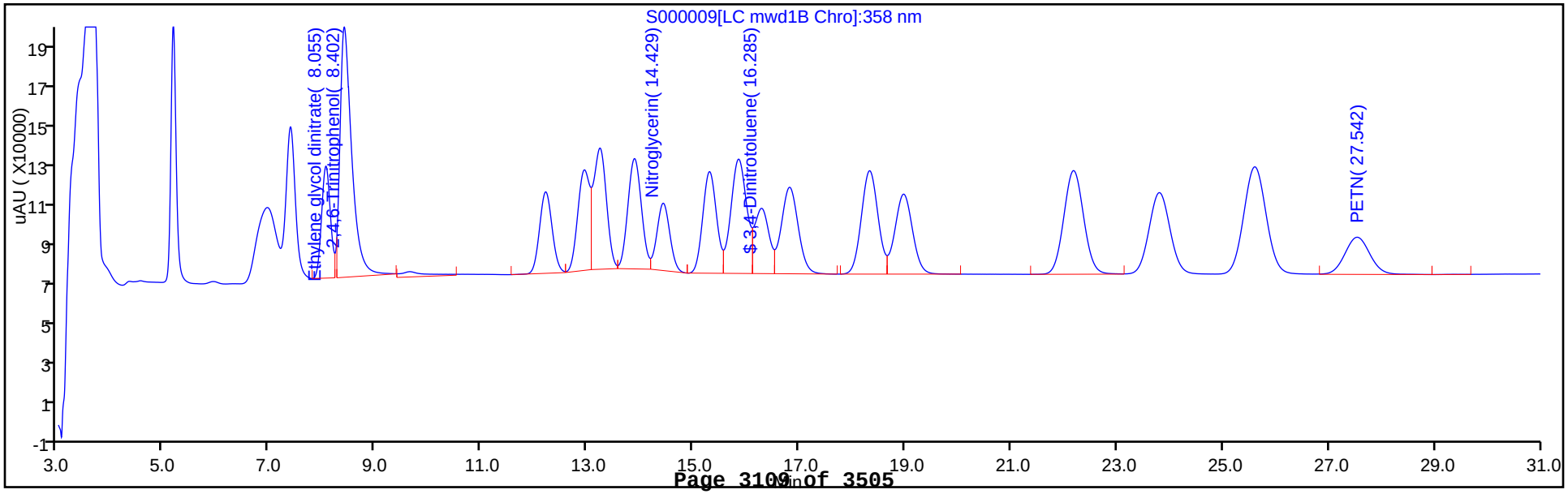
Data File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000009.D

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:



Manual Integration/User Assign Peak Report

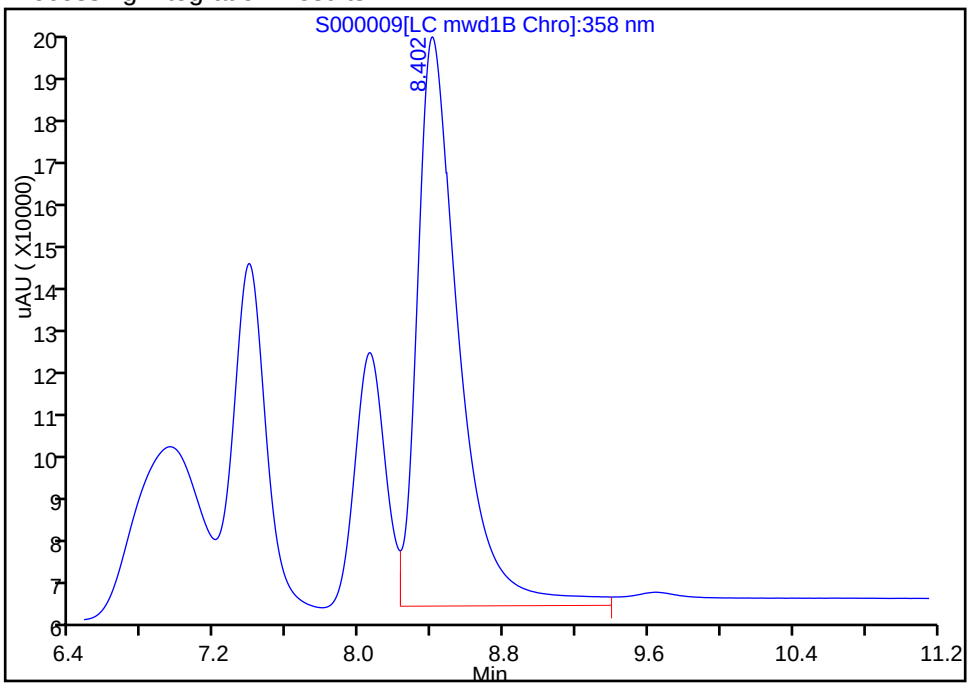
TestAmerica Sacramento

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

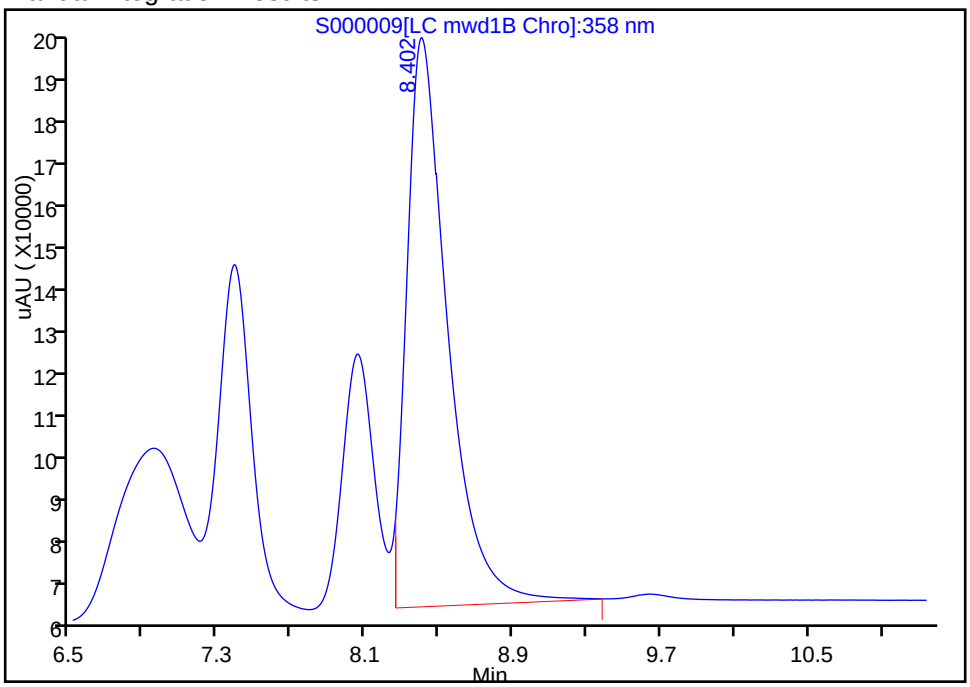
Processing Integration Results

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	

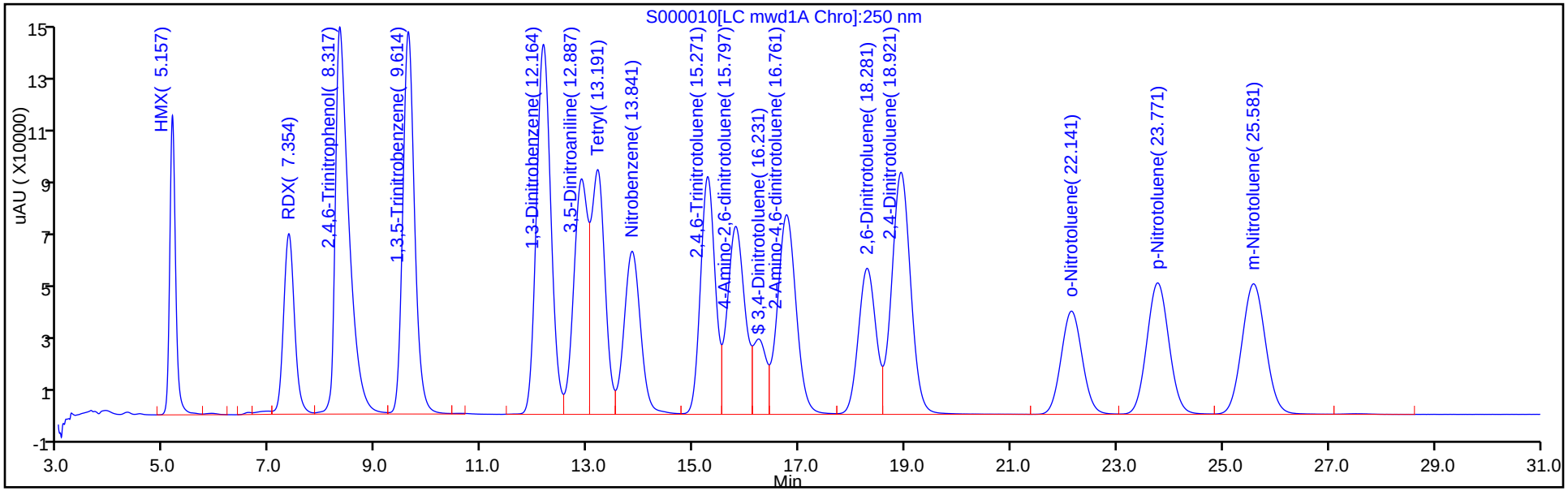
Report Date: 22-Apr-2013 09:45:31 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

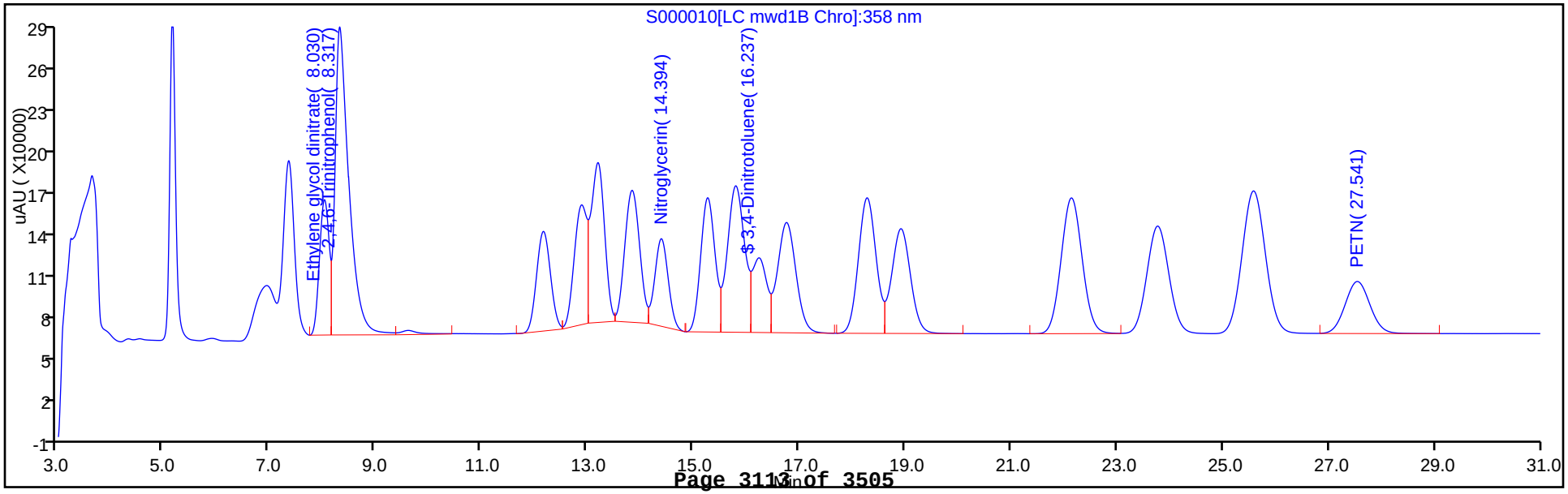
Data File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D

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.: 240-22663-1 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.: 240-22663-1 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 51.610	51.800 49.560	49.600 45.418	49.780 37.954	Ave		48.3402500				9.6		20.0			
Ethylene glycol dinitrate	 22.300	 22.135	24.000 21.404	22.960 18.459	Ave		21.8763333				8.6		20.0			
1,3-Dinitrobenzene	112.80 111.57	111.60 107.36	108.80 101.91	106.94 87.481	Ave		106.057000				7.8		20.0			
1,3,5-Trinitrobenzene	87.200 83.750	86.300 81.460	83.750 80.706	81.120 72.832	Ave		82.1397500				5.4		20.0			
2-Nitrotoluene	69.800 66.450	66.600 64.130	65.200 60.696	61.820 53.073	Ave		63.4711250				8.0		20.0			
4-Nitrotoluene	69.800 66.450	66.600 64.130	65.200 60.696	61.820 53.073	Ave		63.4711250				8.0		20.0			
3-Nitrotoluene	48.600 43.300	45.100 41.840	44.050 40.234	40.780 35.115	Ave		42.3773750				9.4		20.0			
3,5-Dinitroaniline	93.600 84.090	89.200 81.130	85.500 77.098	80.740 67.286	Ave		82.3305000				9.7		20.0			
RDX	59.600 48.330	54.000 46.555	51.400 45.108	47.540 39.765	Ave		49.0372500				12.0		20.0			
2,4-Dinitrotoluene	89.600 92.530	91.800 89.960	90.950 86.594	88.020 77.286	Ave		88.3425000				5.5		20.0			
2,6-Dinitrotoluene	55.000 54.920	56.600 53.555	55.400 52.806	53.420 47.331	Ave		53.6290000				5.3		20.0			
2-Amino-4,6-dinitrotoluene	69.800 78.190	78.200 76.745	75.750 75.752	75.660 65.117	Ave		74.4017500				6.2		20.0			
4-Amino-2,6-dinitrotoluene	70.600 73.020	72.200 72.060	70.750 70.936	70.380 62.561	Ave		70.3133750				4.6		20.0			
2,4,6-Trinitrotoluene	86.400 96.600	90.300 95.185	85.250 85.510	84.240 79.866	Ave		87.9188750				6.5		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 CURVE EVALUATION

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1 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.: 240-22663-1 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.: 240-22663-1 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	

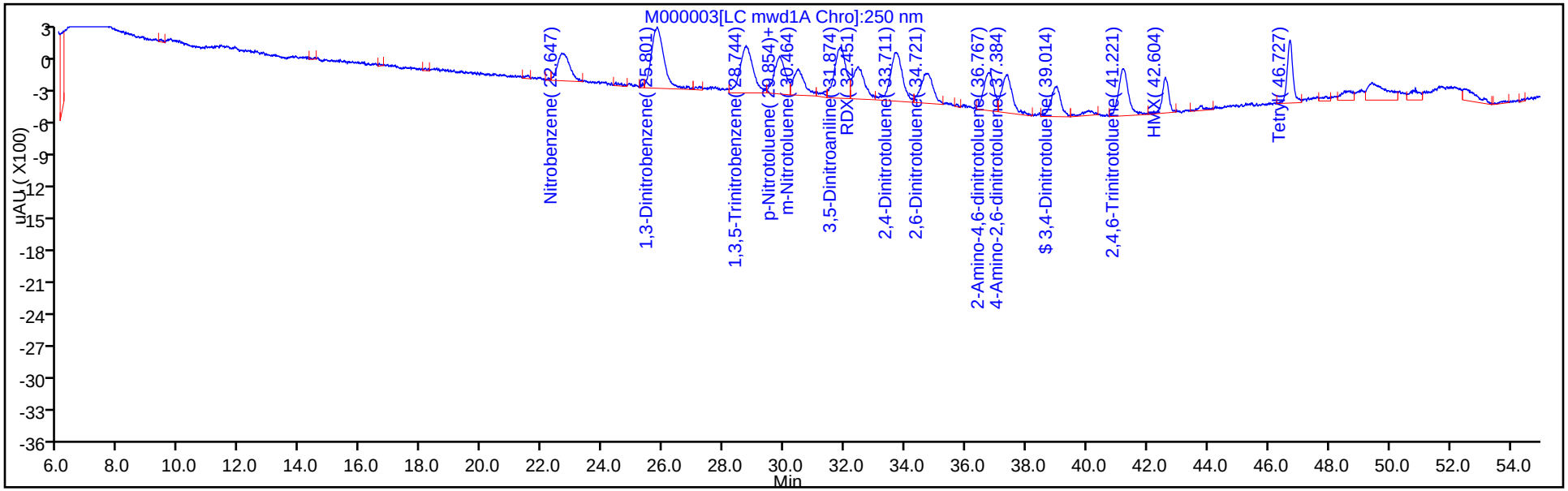
Report Date: 14-Feb-2013 07:52:14 Chrom Revision: 2.1 23-Jan-2013 14:30:26

TestAmerica Sacramento

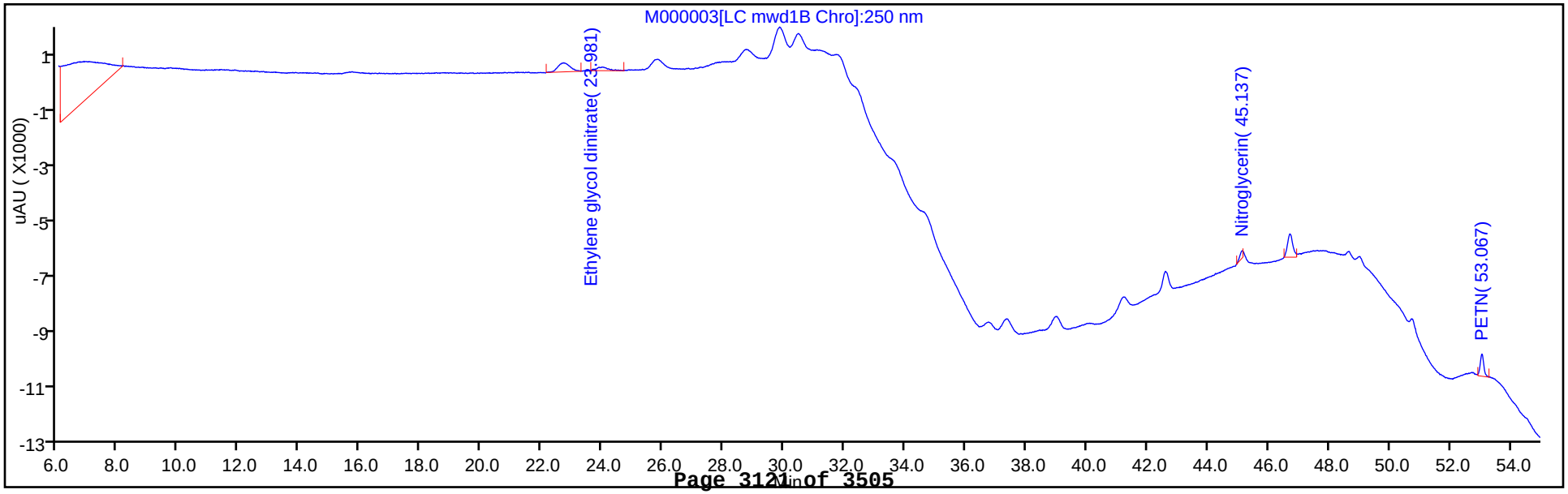
Data File: \\SACChrom\ChromData\LC12\20130213-2792.b\M000003.D

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	

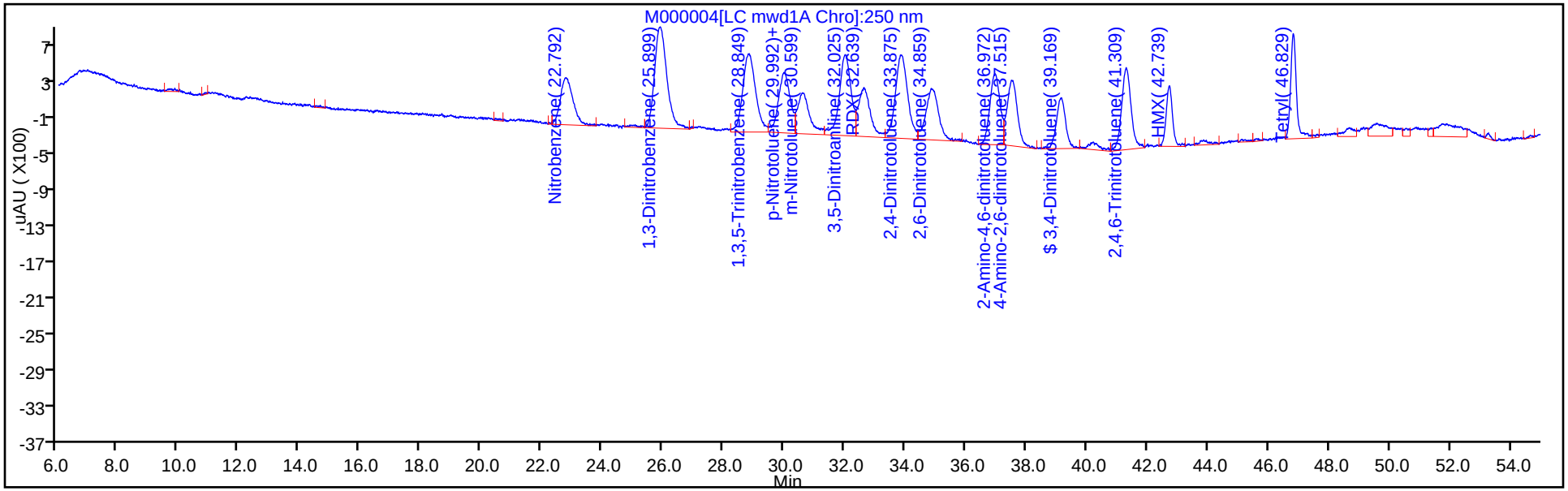
Report Date: 14-Feb-2013 07:52:15 Chrom Revision: 2.1 23-Jan-2013 14:30:26

TestAmerica Sacramento

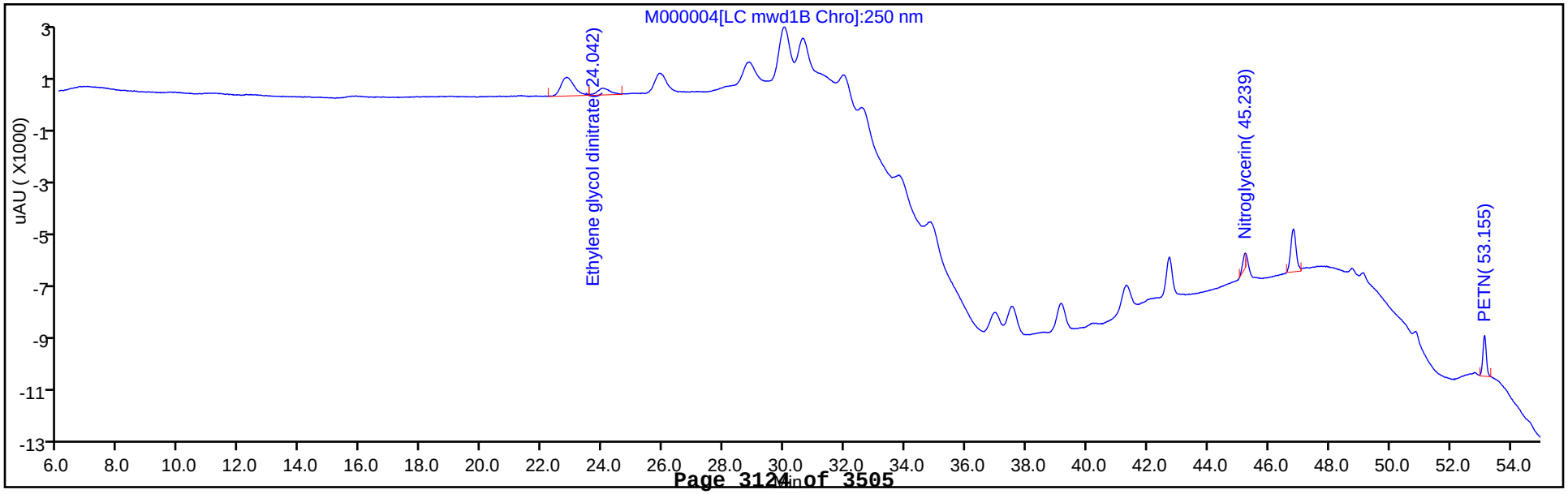
Data File: \\SACChrom\ChromData\LC12\20130213-2792.b\M000004.D

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	

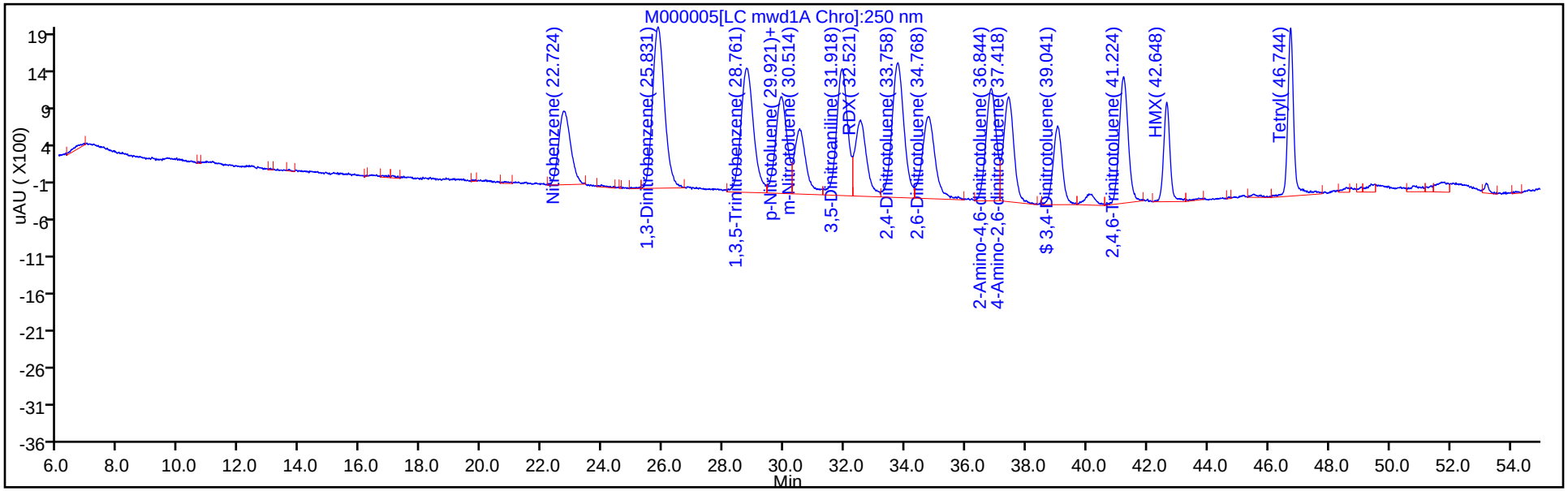
Report Date: 14-Feb-2013 07:52:16 Chrom Revision: 2.1 23-Jan-2013 14:30:26

TestAmerica Sacramento

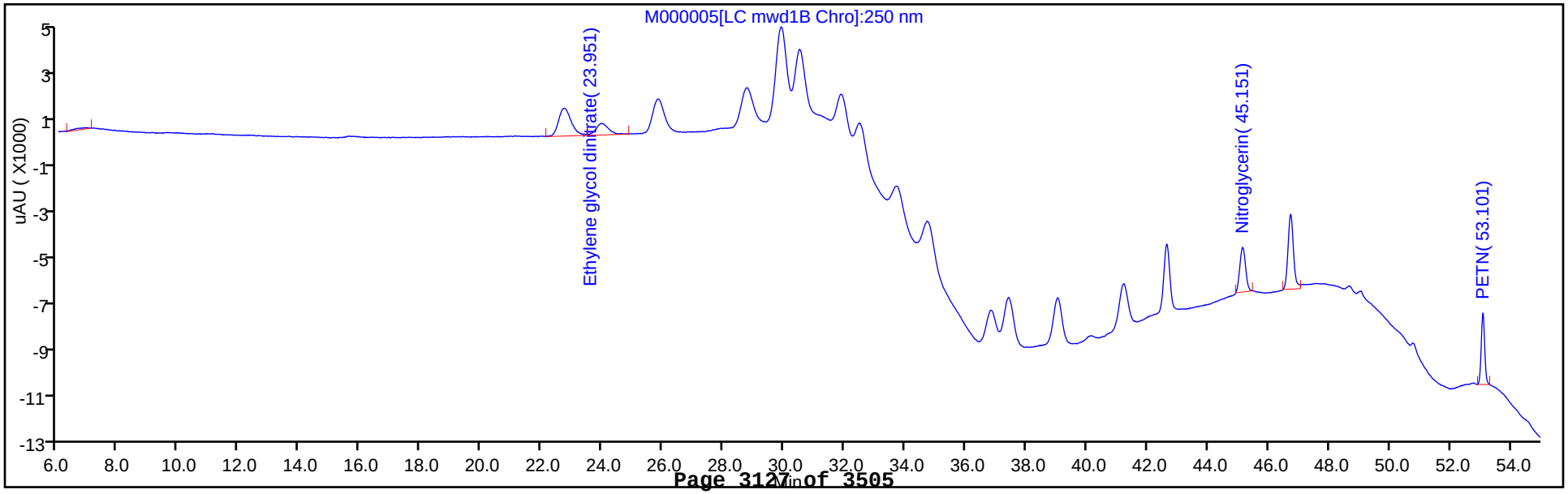
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Injection Date:	13-Feb-2013 19:27:28	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	10422	Lims Sample ID:	4
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

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	

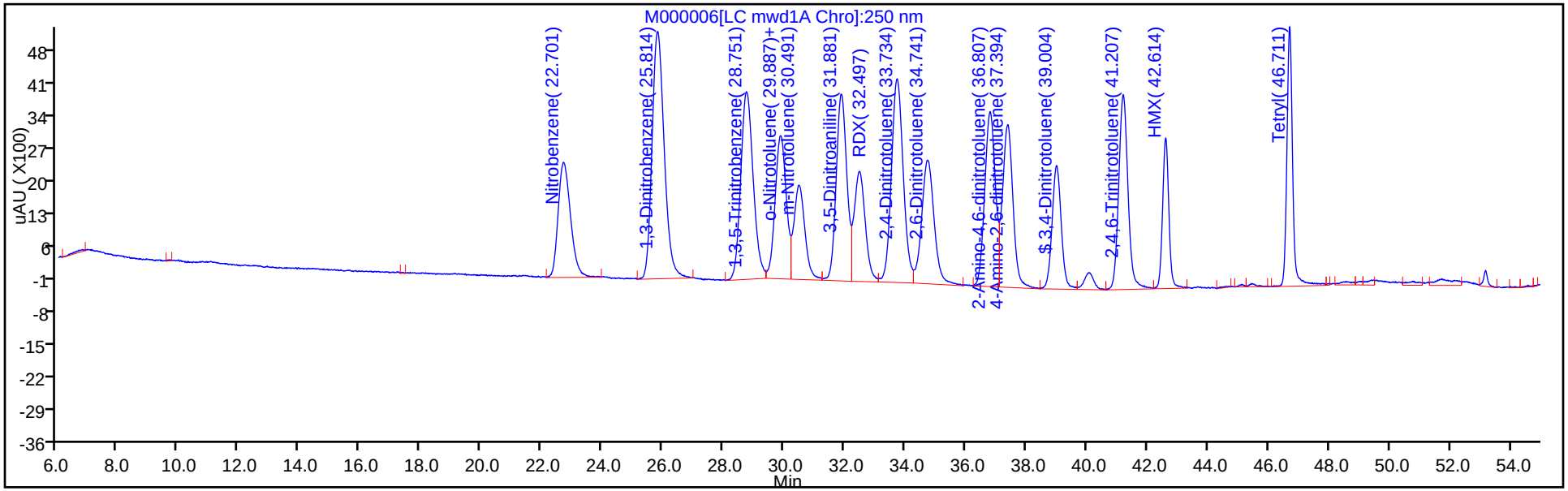
Report Date: 14-Feb-2013 07:52:16 Chrom Revision: 2.1 23-Jan-2013 14:30:26

TestAmerica Sacramento

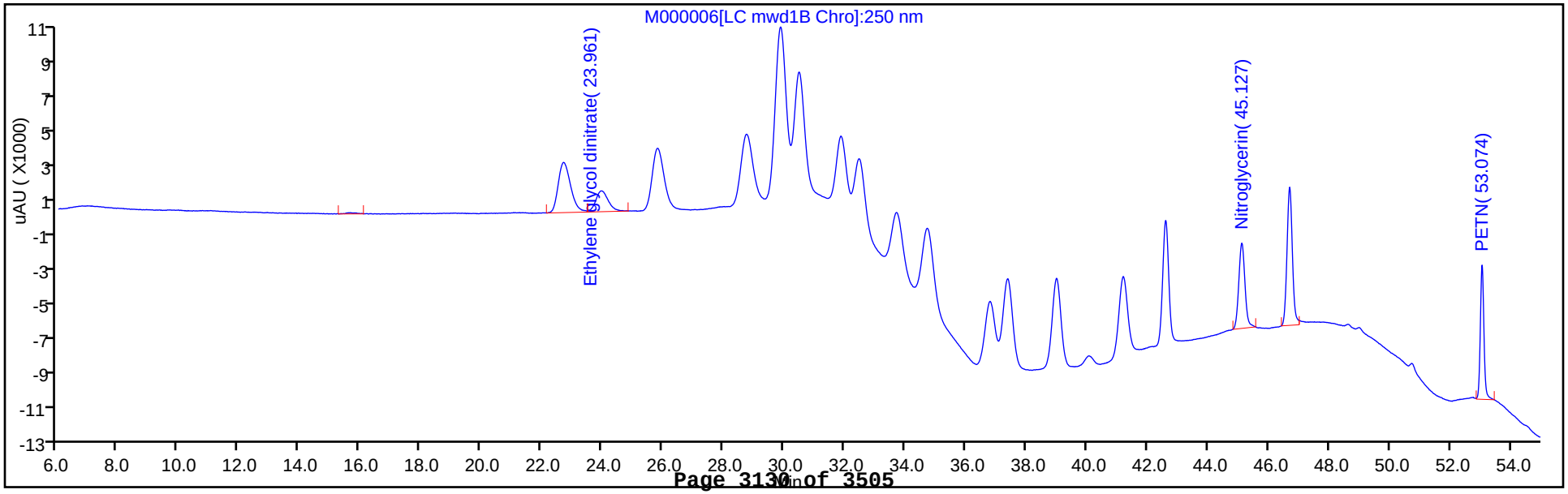
Data File: \\SACChrom\ChromData\LC12\20130213-2792.b\M000006.D

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	

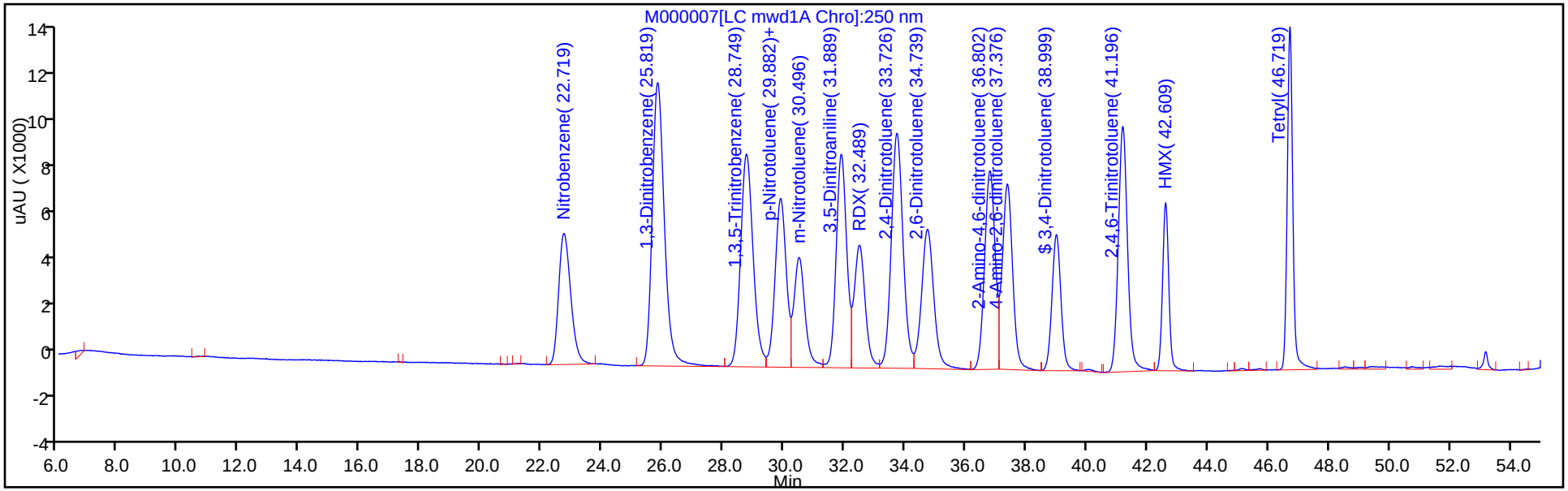
Report Date: 14-Feb-2013 07:52:17 Chrom Revision: 2.1 23-Jan-2013 14:30:26

TestAmerica Sacramento

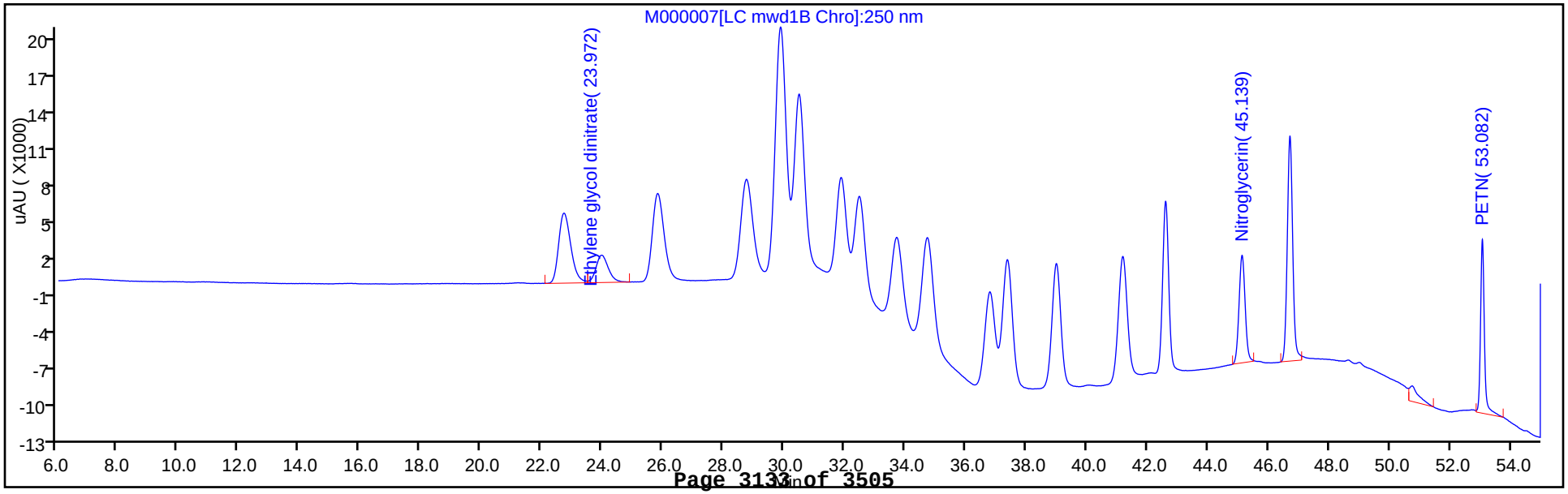
Data File: \\SACChrom\ChromData\LC12\20130213-2792.b\M000007.D

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	

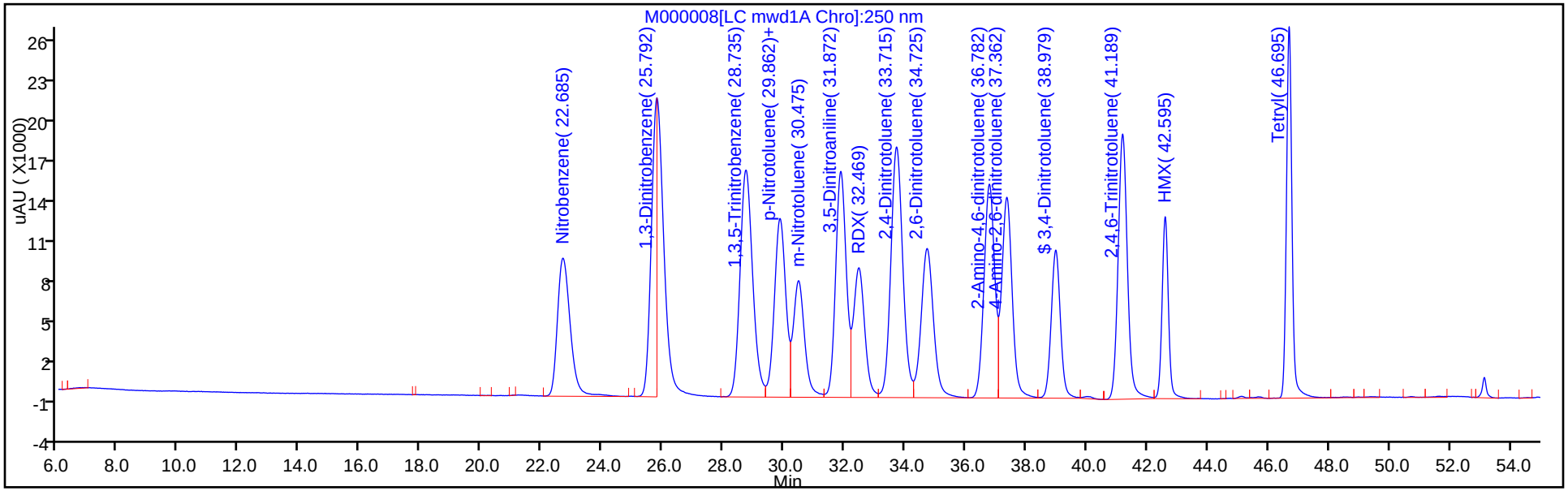
Report Date: 14-Feb-2013 07:52:18 Chrom Revision: 2.1 23-Jan-2013 14:30:26

TestAmerica Sacramento

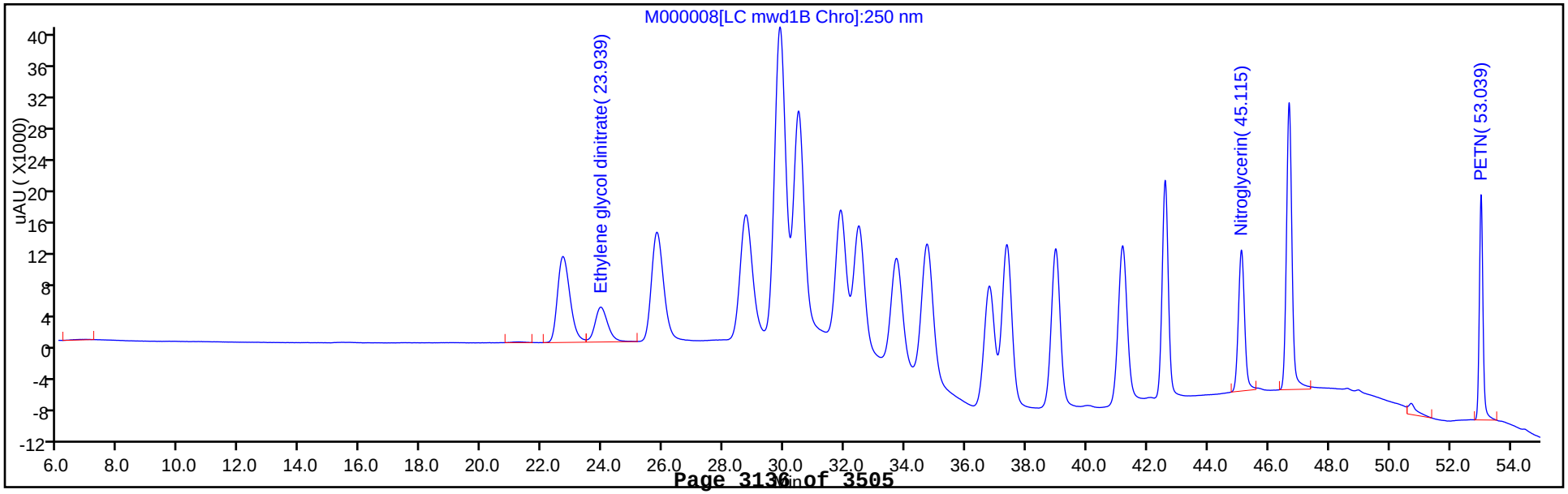
Data File: \\SACChrom\ChromData\LC12\20130213-2792.b\M000008.D

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	

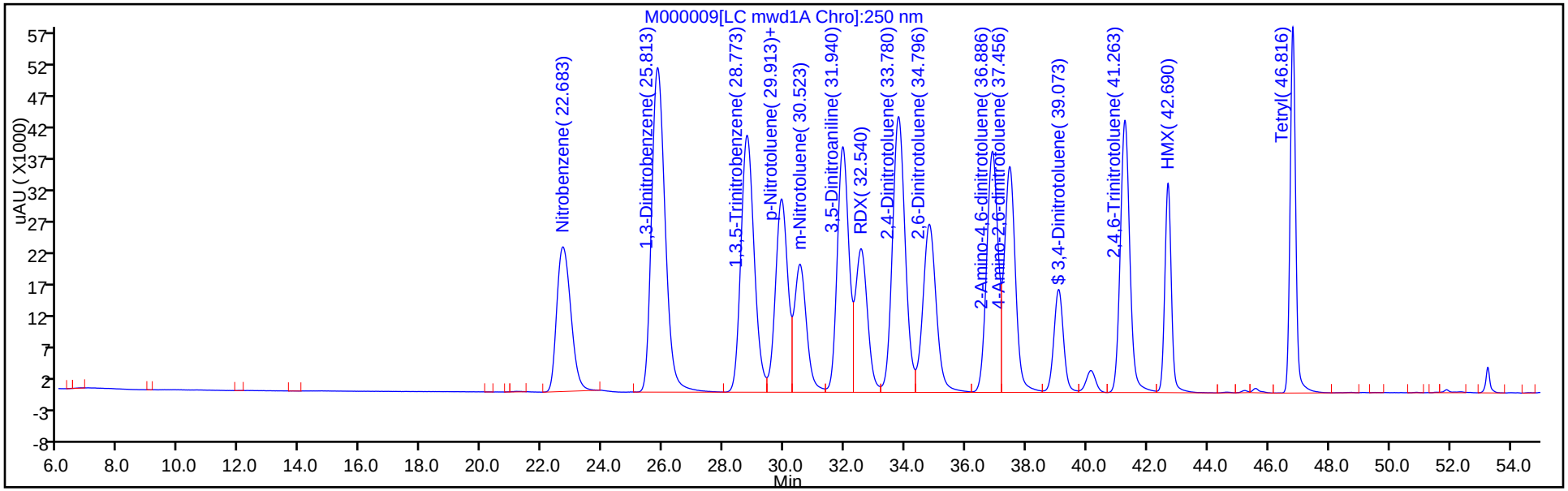
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TestAmerica Sacramento

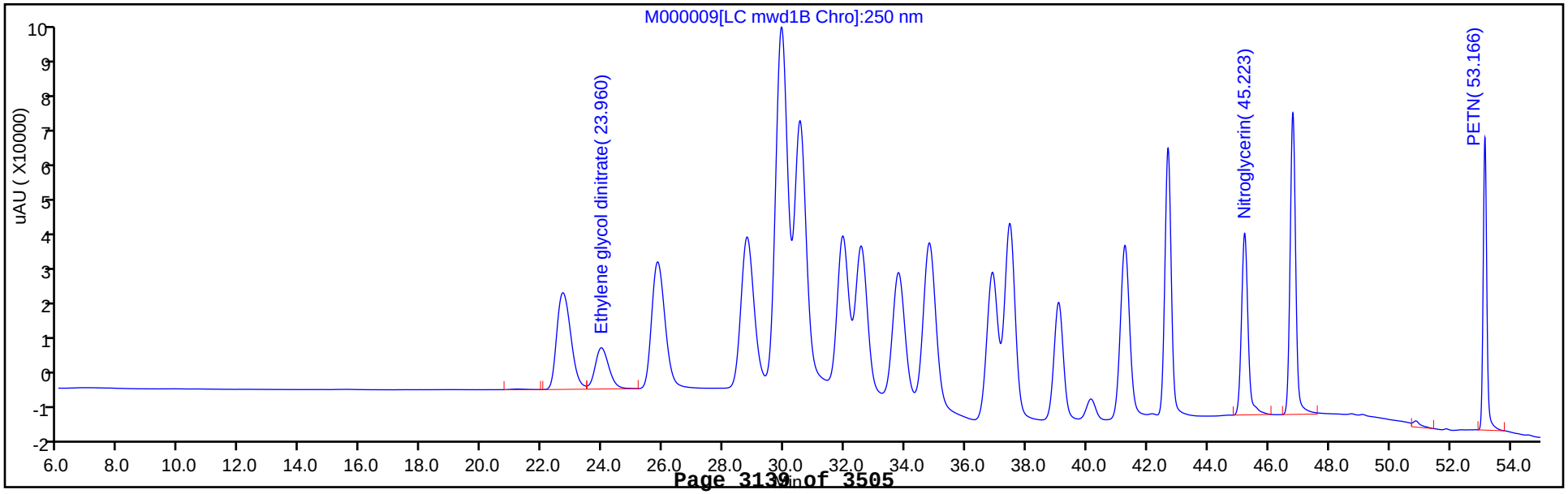
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Injection Date:	13-Feb-2013 23:49:07	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	10422	Lims Sample ID:	8
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

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	

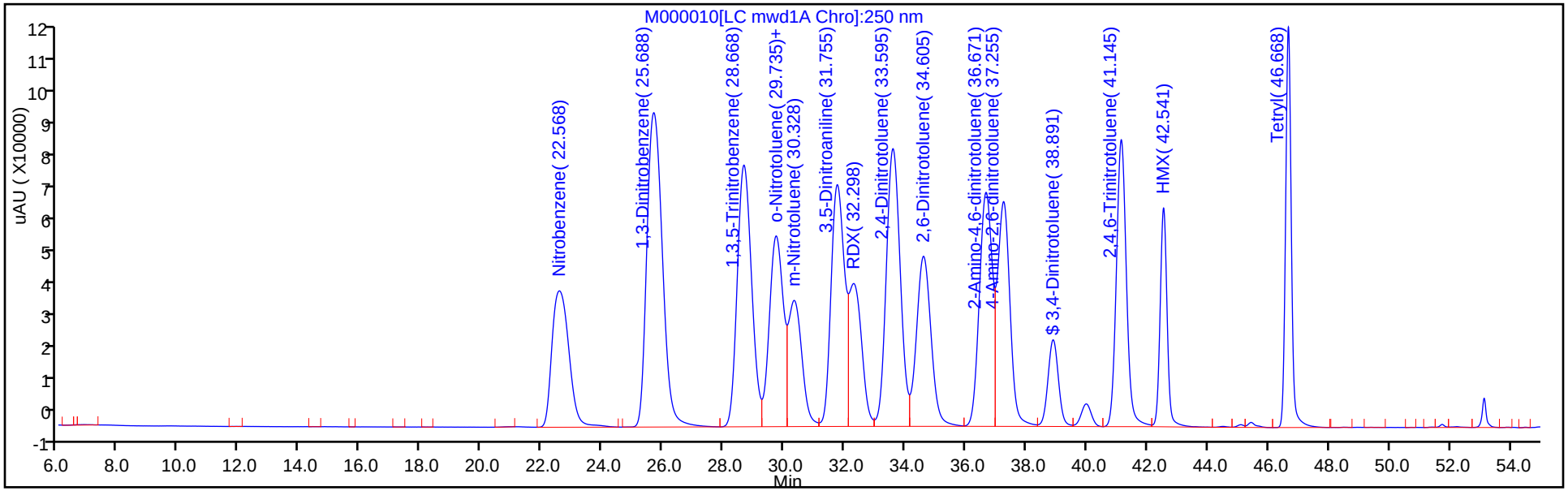
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TestAmerica Sacramento

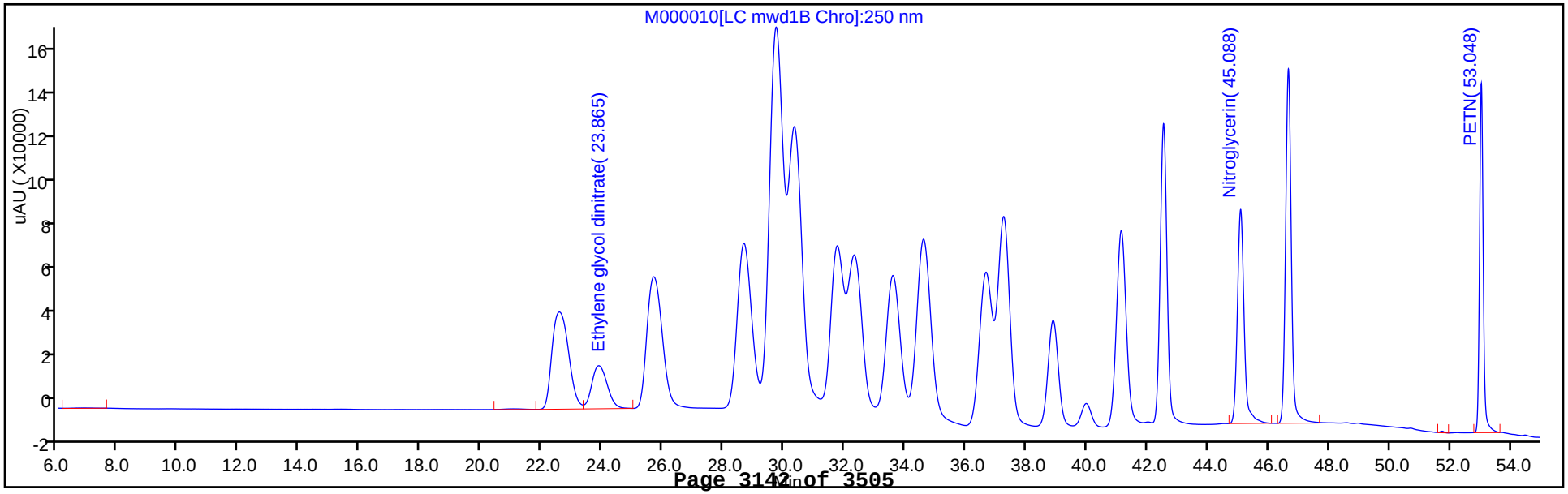
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Injection Date:	14-Feb-2013 00:54:32	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	10422	Lims Sample ID:	9
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Lab Sample ID: ICV 320-14686/11 Calibration Date: 04/19/2013 17:18

Instrument ID: LC10 Calib Start Date: 04/19/2013 10:45

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 04/19/2013 15:51

Lab File ID: S000012.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	125.5	127.8		510	500	1.9	20.0
RDX	Ave	90.99	86.18		474	500	-5.3	20.0
Ethylene glycol dinitrate	Ave	110.5	110.3		499	500	-0.2	20.0
Picric acid	Ave	132.3	118.8		898	1000	-10.2	20.0
1,3,5-Trinitrobenzene	Ave	163.5	160.0		489	500	-2.2	20.0
1,3-Dinitrobenzene	Ave	162.2	156.0		481	500	-3.8	20.0
3,5-Dinitroaniline	Ave	103.6	106.1		512	500	2.4	20.0
Tetryl	Ave	94.63	101.1		534	500	6.9	20.0
Nitrobenzene	Ave	71.37	71.57		501	500	0.3	20.0
Nitroglycerin	Ave	70.31	72.89		518	500	3.7	20.0
2,4,6-Trinitrotoluene	Ave	95.40	97.48		511	500	2.2	20.0
4-Amino-2,6-dinitrotoluene	Ave	78.37	74.63		476	500	-4.8	20.0
2-Amino-4,6-dinitrotoluene	Ave	84.03	82.50		491	500	-1.8	20.0
2,6-Dinitrotoluene	Ave	59.83	59.43		497	500	-0.7	20.0
2,4-Dinitrotoluene	Ave	98.79	96.58		489	500	-2.2	20.0
2-Nitrotoluene	Ave	42.45	41.54		489	500	-2.1	20.0
4-Nitrotoluene	Ave	53.10	50.53		476	500	-4.8	20.0
3-Nitrotoluene	Ave	52.01	50.02		481	500	-3.8	20.0
PETN	Ave	39.35	39.63		504	500	0.7	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Lab Sample ID: ICV 320-14686/11 Calibration Date: 04/19/2013 17:18

Instrument ID: LC10 Calib Start Date: 04/19/2013 10:45

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 04/19/2013 15:51

Lab File ID: S000012.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	5.18	4.93	5.43
RDX	7.41	7.15	7.65
Ethylene glycol dinitrate	8.08	7.81	8.31
Picric acid	8.42	8.22	8.72
1,3,5-Trinitrobenzene	9.66	9.39	9.89
1,3-Dinitrobenzene	12.24	11.96	12.46
3,5-Dinitroaniline	12.98	12.69	13.19
Tetryl	13.27	12.97	13.47
Nitrobenzene	13.93	13.63	14.13
Nitroglycerin	14.47	14.17	14.67
2,4,6-Trinitrotoluene	15.34	15.04	15.54
4-Amino-2,6-dinitrotoluene	15.90	15.59	16.09
2-Amino-4,6-dinitrotoluene	16.87	16.55	17.05
2,6-Dinitrotoluene	18.38	18.06	18.56
2,4-Dinitrotoluene	19.02	18.70	19.20
2-Nitrotoluene	22.24	21.90	22.40
4-Nitrotoluene	23.87	23.52	24.02
3-Nitrotoluene	25.68	25.31	25.81
PETN	27.61	27.24	27.74

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000012.D
Lims ID: ICV Client ID:
Inject. Date: 19-Apr-2013 17:18:19 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 320-0003998-011
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 20
Lims Batch ID: 14686 Lims Sample ID: 11
Sublist:

Method: \\SACChrom\ChromData\LC10\20130419-3998.b\8330_LC10.m
Last Update: 23-Apr-2013 12:51:40 Calib Date: 19-Apr-2013 15:51:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK035

First Level Reviewer: shafern Date: 22-Apr-2013 09:40:12

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.178	5.177	0.001	63923	509.5	
19 RDX						
1	7.411	7.397	0.014	43089	473.5	
3 Ethylene glycol dinitrate						
2	8.078	8.061	0.017	55155	499.1	
10 2,4,6-Trinitrophenol						
2	8.424	8.471	-0.047	118777	898.1	
1	8.424	8.471	-0.047	81268	882.1	
27 1,3,5-Trinitrobenzene						
1	9.661	9.644	0.017	79976	489.0	
24 1,3-Dinitrobenzene						
1	12.241	12.211	0.030	78004	480.8	
9 3,5-Dinitroaniline						
1	12.978	12.941	0.037	53040	511.8	
20 Tetryl						
1	13.265	13.221	0.044	50558	534.3	
5 Nitrobenzene						
1	13.928	13.884	0.044	35787	501.4	
7 Nitroglycerin						
2	14.468	14.418	0.050	36447	518.4	
25 2,4,6-Trinitrotoluene						
1	15.338	15.291	0.047	48742	510.9	
26 4-Amino-2,6-dinitrotoluene						
1	15.895	15.838	0.057	37317	476.2	
6 2-Amino-4,6-dinitrotoluene						
1	16.865	16.801	0.064	41248	490.9	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
12 2,6-Dinitrotoluene						
1	18.375	18.308	0.067	29716	496.6	
23 2,4-Dinitrotoluene						
1	19.018	18.948	0.070	48292	488.8	
16 o-Nitrotoluene						
1	22.241	22.151	0.090	20772	489.4	
15 p-Nitrotoluene						
1	23.868	23.768	0.100	25267	475.8	
8 m-Nitrotoluene						
1	25.678	25.564	0.114	25008	480.8	
21 PETN						
2	27.608	27.491	0.117	19815	503.6	

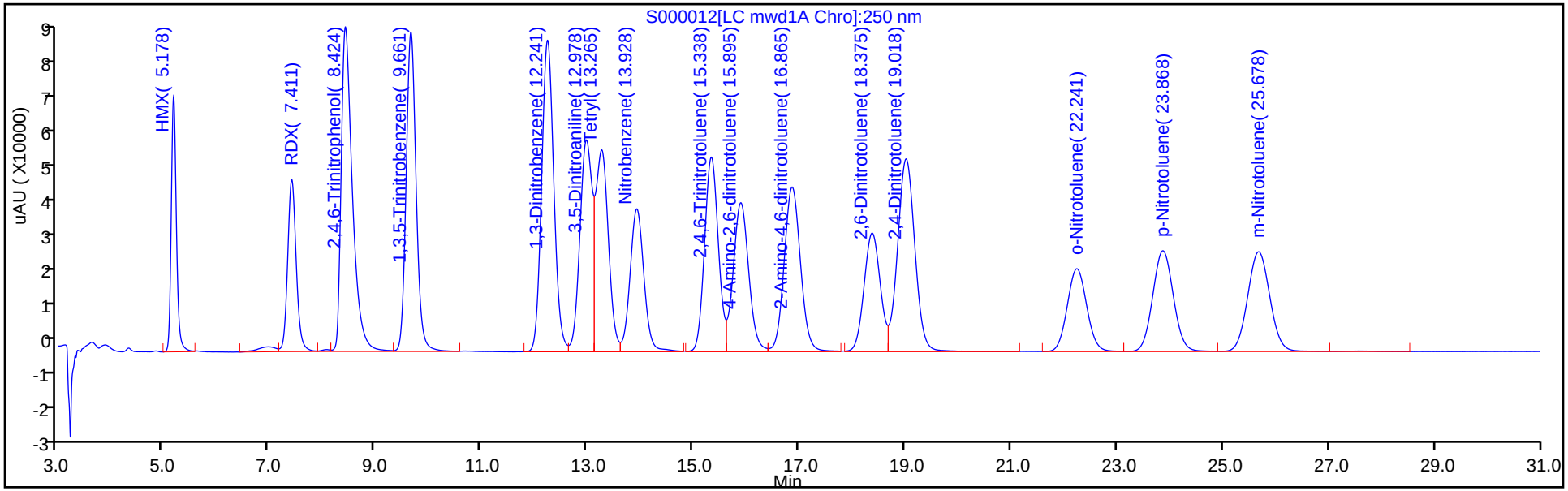
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TestAmerica Sacramento

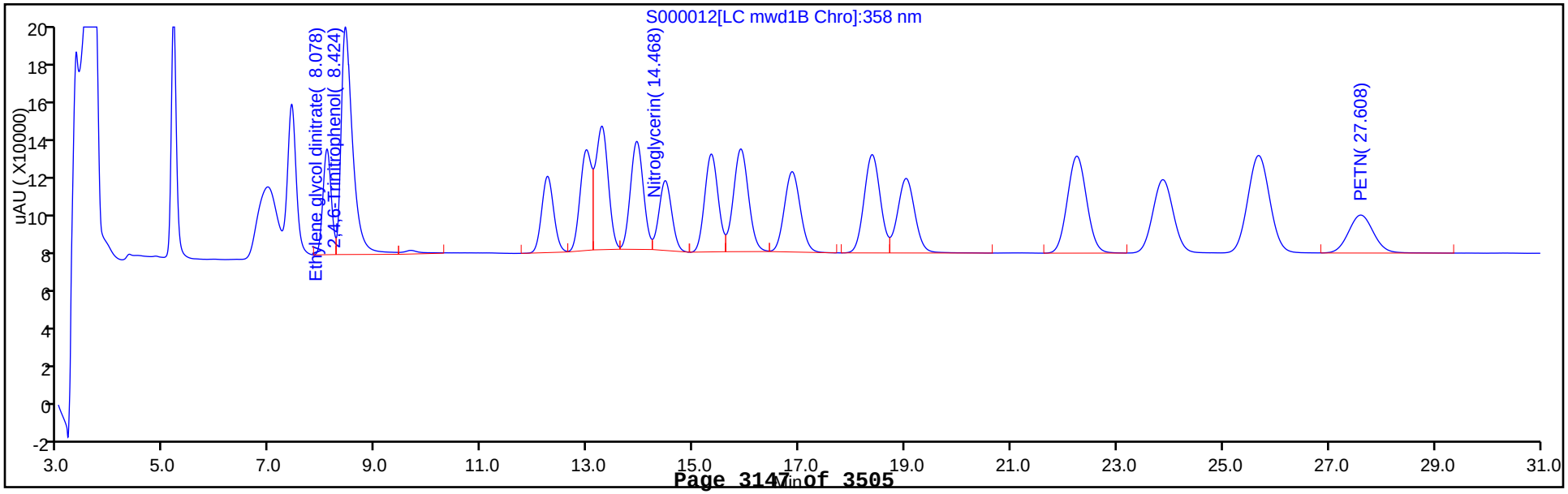
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Injection Date:	19-Apr-2013 17:18:19	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14686	Lims Sample ID:	11
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Lab Sample ID: LODV 320-14686/12 Calibration Date: 04/19/2013 18:02

Instrument ID: LC10 Calib Start Date: 04/19/2013 10:45

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 04/19/2013 15:51

Lab File ID: S000013.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	125.5	179.6		7.16	5.00	43.2	
RDX	Ave	90.99	149.8		8.23	5.00	64.6	
1,3,5-Trinitrobenzene	Ave	163.5	236.8		7.24	5.00	44.8	
1,3-Dinitrobenzene	Ave	162.2	235.2		7.25	5.00	45.0	
3,5-Dinitroaniline	Ave	103.6	152.4		7.35	5.00	47.1	
Tetryl	Ave	94.63	133.0		7.03	5.00	40.5	
Nitrobenzene	Ave	71.37	102.4		7.17	5.00	43.5	
Nitroglycerin	Ave	70.31	73.80		21.0	20.0	5.0	
2,4,6-Trinitrotoluene	Ave	95.40	135.6		7.11	5.00	42.1	
4-Amino-2,6-dinitrotoluene	Ave	78.37	115.4		7.36	5.00	47.3	
2-Amino-4,6-dinitrotoluene	Ave	84.03	121.0		7.20	5.00	44.0	
2,6-Dinitrotoluene	Ave	59.83	89.60		7.49	5.00	49.7	
2,4-Dinitrotoluene	Ave	98.79	144.4		7.31	5.00	46.2	
2-Nitrotoluene	Ave	42.45	60.60		7.14	5.00	42.8	
4-Nitrotoluene	Ave	53.10	76.20		7.18	5.00	43.5	
3-Nitrotoluene	Ave	52.01	77.80		7.48	5.00	49.6	
PETN	Ave	39.35	43.10		21.9	20.0	9.5	
3,4-Dinitrotoluene	Ave	57.22	56.50		19.7	20.0	-1.3	

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Lab Sample ID: LODV 320-14686/12 Calibration Date: 04/19/2013 18:02

Instrument ID: LC10 Calib Start Date: 04/19/2013 10:45

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 04/19/2013 15:51

Lab File ID: S000013.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	5.18	4.93	5.43
RDX	7.41	7.15	7.65
1,3,5-Trinitrobenzene	9.67	9.39	9.89
1,3-Dinitrobenzene	12.23	11.96	12.46
3,5-Dinitroaniline	12.98	12.69	13.19
Tetryl	13.26	12.97	13.47
Nitrobenzene	13.93	13.63	14.13
Nitroglycerin	14.45	14.17	14.67
2,4,6-Trinitrotoluene	15.32	15.04	15.54
4-Amino-2,6-dinitrotoluene	15.89	15.59	16.09
2-Amino-4,6-dinitrotoluene	16.84	16.55	17.05
2,6-Dinitrotoluene	18.36	18.06	18.56
2,4-Dinitrotoluene	19.03	18.70	19.20
2-Nitrotoluene	22.24	21.90	22.40
4-Nitrotoluene	23.88	23.52	24.02
3-Nitrotoluene	25.66	25.31	25.81
PETN	27.60	27.24	27.74
Ethylene glycol dinitrate			
Picric acid			
3,4-Dinitrotoluene	16.32	16.02	16.52

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000013.D		
Lims ID:	LODV 5-20ng/mL	Client ID:	
Inject. Date:	19-Apr-2013 18:02:05	Dil. Factor:	1.0000
Sample Type:	LODV		
Sample ID:	320-0003998-012		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	10
Lims Batch ID:	14686	Lims Sample ID:	12
Method:	\\SACChrom\ChromData\LC10\20130419-3998.b\8330_LC10.m		
Last Update:	23-Apr-2013 12:51:40	Calib Date:	19-Apr-2013 15:51:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK035		

First Level Reviewer: shafern Date: 22-Apr-2013 07:58:44

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.183	5.177	0.006	898	7.16	
19 RDX						
1	7.409	7.397	0.012	749	8.23	
27 1,3,5-Trinitrobenzene						
1	9.666	9.644	0.022	1184	7.24	
24 1,3-Dinitrobenzene						
1	12.233	12.211	0.022	1176	7.25	
9 3,5-Dinitroaniline						
1	12.976	12.941	0.035	762	7.35	
20 Tetryl						
1	13.256	13.221	0.035	665	7.03	
5 Nitrobenzene						M
1	13.926	13.884	0.042	512	7.17	M
7 Nitroglycerin						
2	14.449	14.418	0.031	1476	21.0	
25 2,4,6-Trinitrotoluene						
1	15.323	15.291	0.032	678	7.11	
26 4-Amino-2,6-dinitrotoluene						
1	15.893	15.838	0.055	577	7.36	
$ 30 3,4-Dinitrotoluene						
1	16.316	16.271	0.045	1130	19.7	
2	16.323	16.274	0.049	2131	19.9	
6 2-Amino-4,6-dinitrotoluene						
1	16.843	16.801	0.042	605	7.20	
12 2,6-Dinitrotoluene						
1	18.363	18.308	0.055	448	7.49	
23 2,4-Dinitrotoluene						
1	19.029	18.948	0.081	722	7.31	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
16 o-Nitrotoluene						M
1	22.243	22.151	0.092	303	7.14	M
15 p-Nitrotoluene						M
1	23.876	23.768	0.108	381	7.18	M
8 m-Nitrotoluene						
1	25.663	25.564	0.099	389	7.48	
21 PETN						
2	27.603	27.491	0.112	862	21.9	

QC Flag Legend

Review Flags
M - Manually Integrated

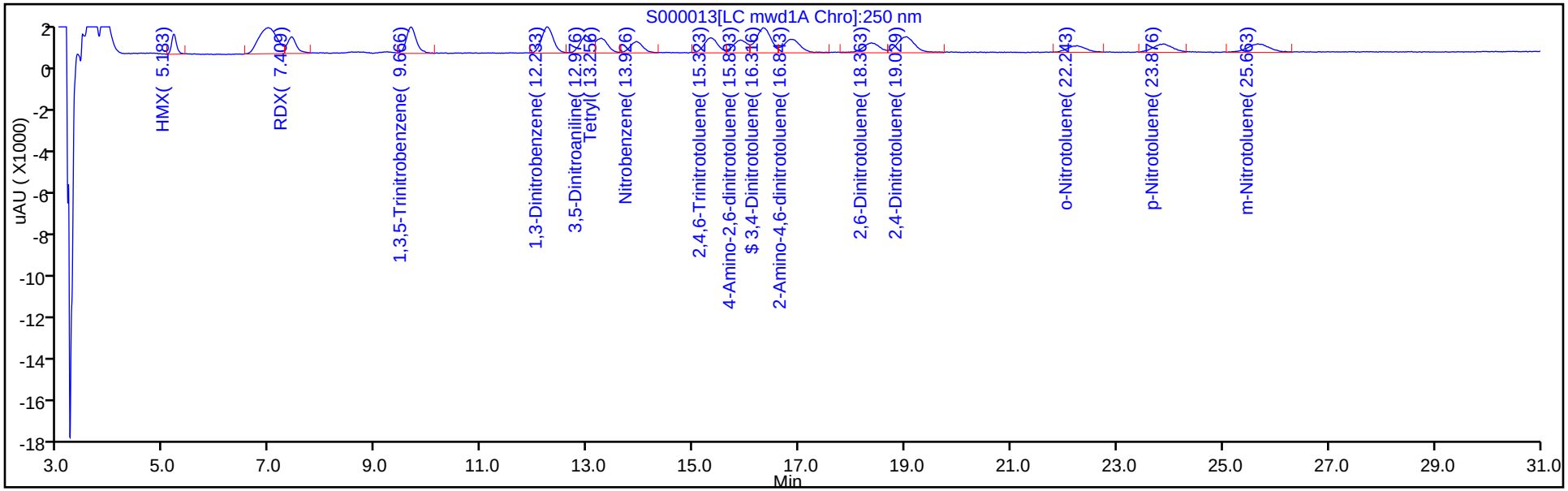
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TestAmerica Sacramento

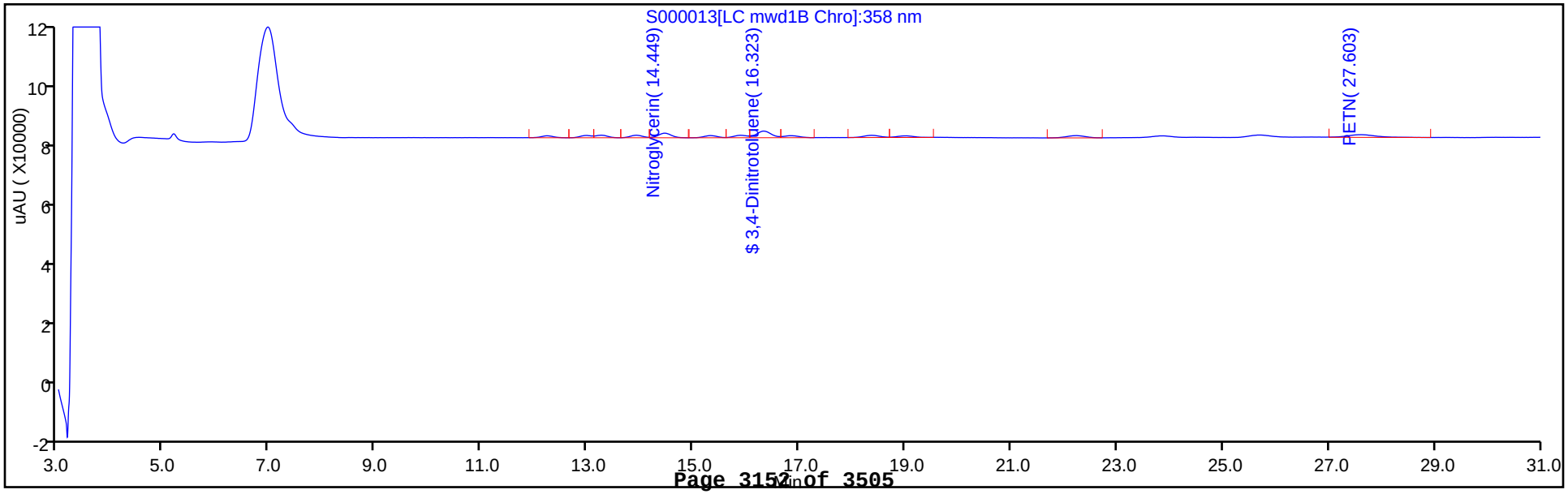
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Injection Date:	19-Apr-2013 18:02:05	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14686	Lims Sample ID:	12
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

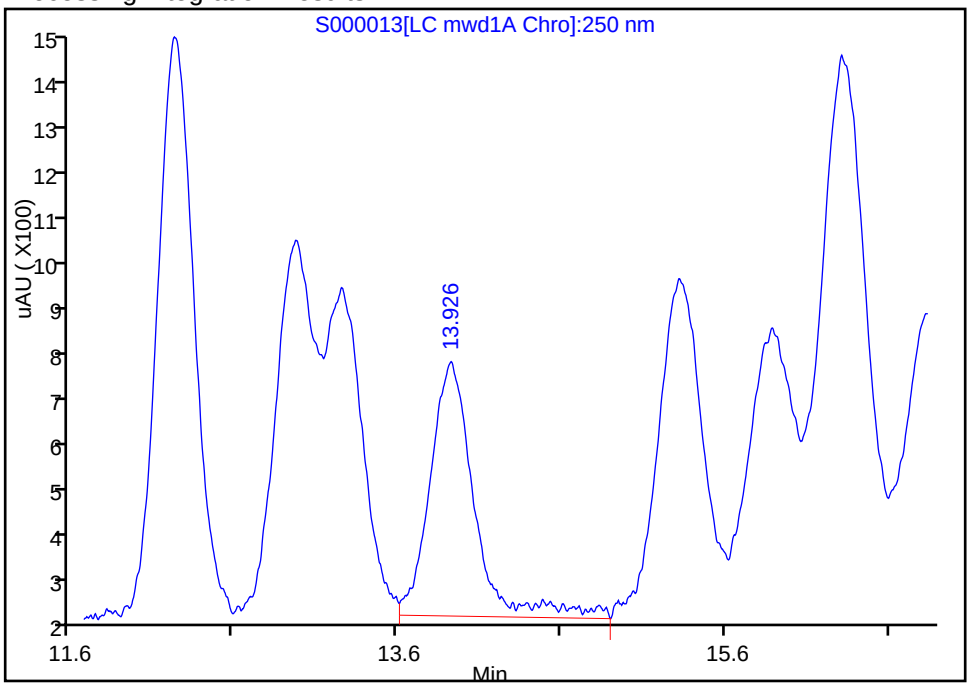
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000013.D		
Injection Date:	19-Apr-2013 18:02:05	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14686	Lims Sample ID:	12
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

5 Nitrobenzene, Signal: 1, Type: quant, RT: 13.88, Det: LC mwd1A

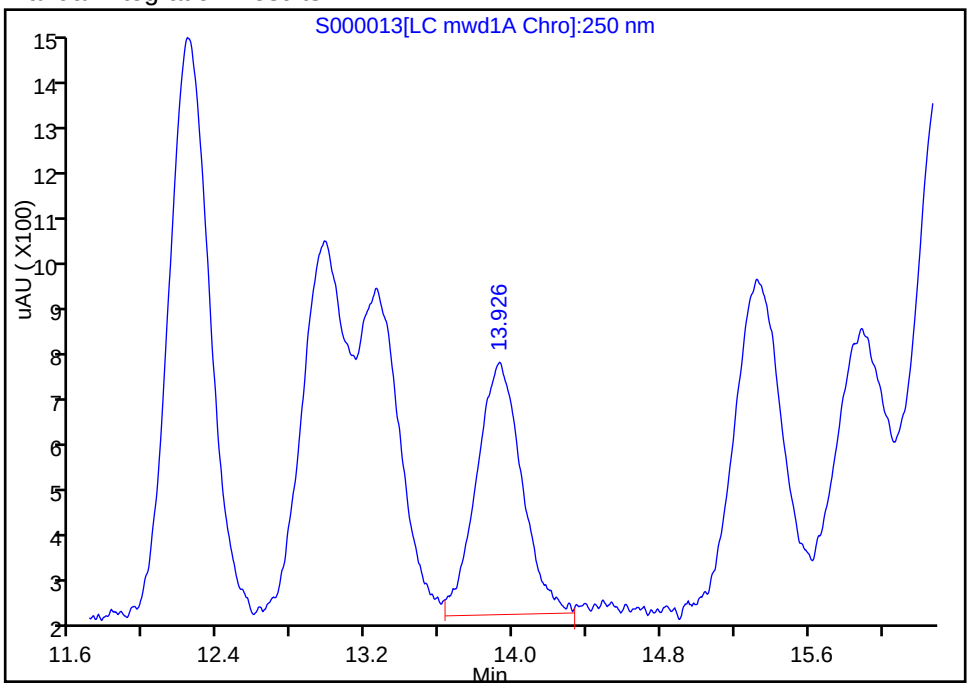
Processing Integration Results

RT: 13.93
Response: 516
Amount: 7.246537



Manual Integration Results

RT: 13.93
Response: 512
Amount: 7.173568



Reviewer: shafern, 22-Apr-2013 07:58:44
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

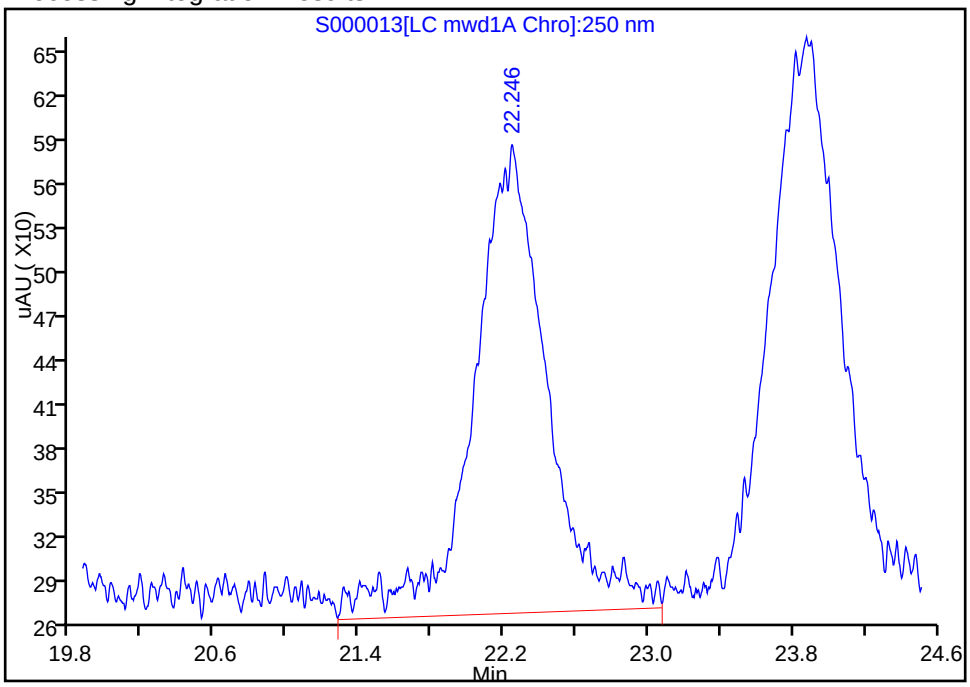
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000013.D		
Injection Date:	19-Apr-2013 18:02:05	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14686	Lims Sample ID:	12
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

16 o-Nitrotoluene, Signal: 1, Type: quant, RT: 22.15, Det: LC mwd1A

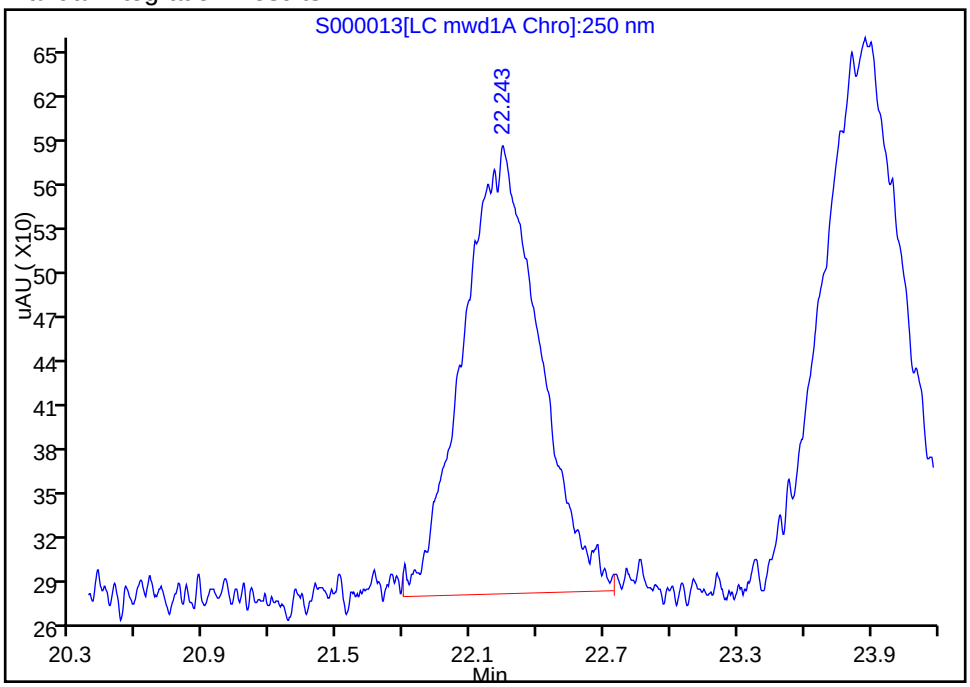
Processing Integration Results

RT: 22.25
Response: 317
Amount: 7.459250



Manual Integration Results

RT: 22.24
Response: 303
Amount: 7.138377



Reviewer: shafern, 22-Apr-2013 07:58:44
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

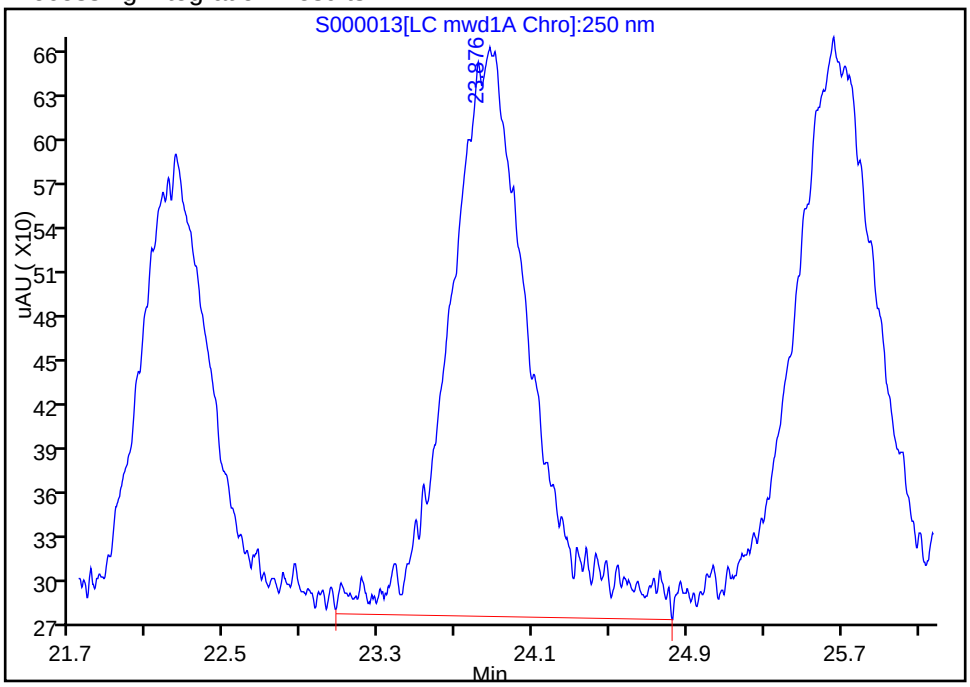
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000013.D		
Injection Date:	19-Apr-2013 18:02:05	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14686	Lims Sample ID:	12
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

15 p-Nitrotoluene, Signal: 1, Type: quant, RT: 23.77, Det: LC mwd1A

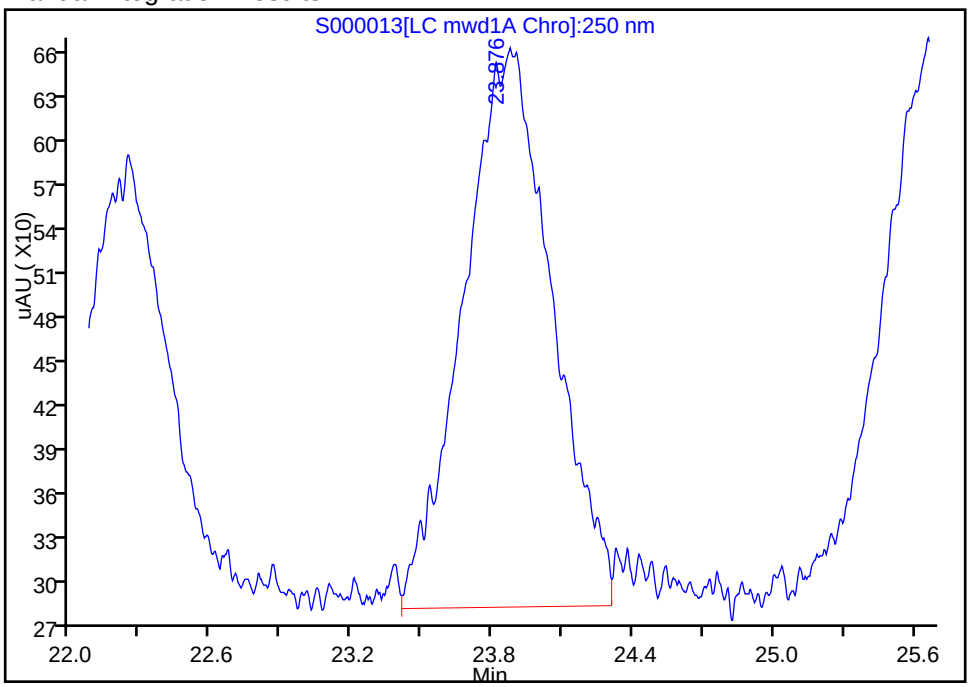
Processing Integration Results

RT: 23.88
Response: 388
Amount: 7.302901



Manual Integration Results

RT: 23.88
Response: 381
Amount: 7.175192



Reviewer: shafern, 22-Apr-2013 07:58:44
Audit Action: Manually Integrated
Audit Reason: Baseline

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 320-14706/11 Calibration Date: 04/20/2013 02:02

Instrument ID: LC10 Calib Start Date: 04/19/2013 10:45

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 04/19/2013 15:51

Lab File ID: S000024.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	125.5	126.3		101	100	0.7	20.0
RDX	Ave	90.99	87.74		96.4	100	-3.6	20.0
Ethylene glycol dinitrate	Ave	110.5	113.2		102	100	2.4	20.0
Picric acid	Ave	132.3	104.4		197	250	-21.1*	20.0
1,3,5-Trinitrobenzene	Ave	163.5	164.2		100	100	0.4	20.0
1,3-Dinitrobenzene	Ave	162.2	163.5		101	100	0.8	20.0
3,5-Dinitroaniline	Ave	103.6	104.1		100	100	0.5	20.0
Tetryl	Ave	94.63	93.01		98.3	100	-1.7	20.0
Nitrobenzene	Ave	71.37	72.11		101	100	1.0	20.0
Nitroglycerin	Ave	70.31	66.19		94.1	100	-5.9	20.0
2,4,6-Trinitrotoluene	Ave	95.40	94.19		98.7	100	-1.3	20.0
4-Amino-2,6-dinitrotoluene	Ave	78.37	77.67		99.1	100	-0.9	20.0
2-Amino-4,6-dinitrotoluene	Ave	84.03	83.52		99.4	100	-0.6	20.0
2,6-Dinitrotoluene	Ave	59.83	59.42		99.3	100	-0.7	20.0
2,4-Dinitrotoluene	Ave	98.79	98.24		99.4	100	-0.6	20.0
2-Nitrotoluene	Ave	42.45	41.86		98.6	100	-1.4	20.0
4-Nitrotoluene	Ave	53.10	52.63		99.1	100	-0.9	20.0
3-Nitrotoluene	Ave	52.01	51.91		99.8	100	-0.2	20.0
PETN	Ave	39.35	35.89		91.2	100	-8.8	20.0
3,4-Dinitrotoluene	Ave	57.22	54.84		95.8	100	-4.2	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 320-14706/11 Calibration Date: 04/20/2013 02:02

Instrument ID: LC10 Calib Start Date: 04/19/2013 10:45

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 04/19/2013 15:51

Lab File ID: S000024.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	5.18	4.93	5.43
RDX	7.41	7.16	7.66
Ethylene glycol dinitrate	8.08	7.83	8.33
Picric acid	8.49	8.24	8.74
1,3,5-Trinitrobenzene	9.66	9.41	9.91
1,3-Dinitrobenzene	12.25	12.00	12.50
3,5-Dinitroaniline	12.98	12.73	13.23
Tetryl	13.27	13.02	13.52
Nitrobenzene	13.93	13.68	14.18
Nitroglycerin	14.47	14.22	14.72
2,4,6-Trinitrotoluene	15.34	15.09	15.59
4-Amino-2,6-dinitrotoluene	15.91	15.66	16.16
2-Amino-4,6-dinitrotoluene	16.88	16.63	17.13
2,6-Dinitrotoluene	18.38	18.13	18.63
2,4-Dinitrotoluene	19.02	18.77	19.27
2-Nitrotoluene	22.24	21.99	22.49
4-Nitrotoluene	23.88	23.63	24.13
3-Nitrotoluene	25.68	25.43	25.93
PETN	27.61	27.36	27.86
3,4-Dinitrotoluene	16.34	16.09	16.59

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20130419-4003.b\S000024.D
Lims ID: CCV 05 Client ID:
Inject. Date: 20-Apr-2013 02:02:12 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 320-0004003-011
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 2
Lims Batch ID: 14706 Lims Sample ID: 11
Sublist: chrom-8330_LC10*sub1

Method: \\SACChrom\ChromData\LC10\20130419-4003.b\8330_LC10.m
Last Update: 22-Apr-2013 09:55:39 Calib Date: 19-Apr-2013 15:51:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK024

First Level Reviewer: shafern Date: 22-Apr-2013 08:11:48

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.183	5.183	0.0	12630	100.7	
19 RDX						
1	7.413	7.413	0.0	8774	96.4	
3 Ethylene glycol dinitrate						
2	8.076	8.076	0.0	11316	102.4	
10 2,4,6-Trinitrophenol						
2	8.493	8.493	0.0	26089	197.3	
1	8.493	8.493	0.0	18287	198.5	
27 1,3,5-Trinitrobenzene						
1	9.663	9.663	0.0	16418	100.4	
24 1,3-Dinitrobenzene						
1	12.247	12.247	0.0	16350	100.8	
9 3,5-Dinitroaniline						
1	12.983	12.983	0.0	10414	100.5	
20 Tetryl						
1	13.267	13.267	0.0	9301	98.3	
5 Nitrobenzene						
1	13.933	13.933	0.0	7211	101.0	
7 Nitroglycerin						
2	14.470	14.470	0.0	6619	94.1	
25 2,4,6-Trinitrotoluene						
1	15.340	15.340	0.0	9419	98.7	
26 4-Amino-2,6-dinitrotoluene						
1	15.907	15.907	0.0	7767	99.1	
$ 30 3,4-Dinitrotoluene						
1	16.340	16.340	0.0	5484	95.8	
2	16.343	16.343	0.0	10347	96.6	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	16.877	16.877	0.0	8352	99.4	
12 2,6-Dinitrotoluene						
1	18.377	18.377	0.0	5942	99.3	
23 2,4-Dinitrotoluene						
1	19.023	19.023	0.0	9824	99.4	
16 o-Nitrotoluene						
1	22.240	22.240	0.0	4186	98.6	
15 p-Nitrotoluene						
1	23.877	23.877	0.0	5263	99.1	
8 m-Nitrotoluene						
1	25.677	25.677	0.0	5191	99.8	
21 PETN						
2	27.607	27.607	0.0	3589	91.2	

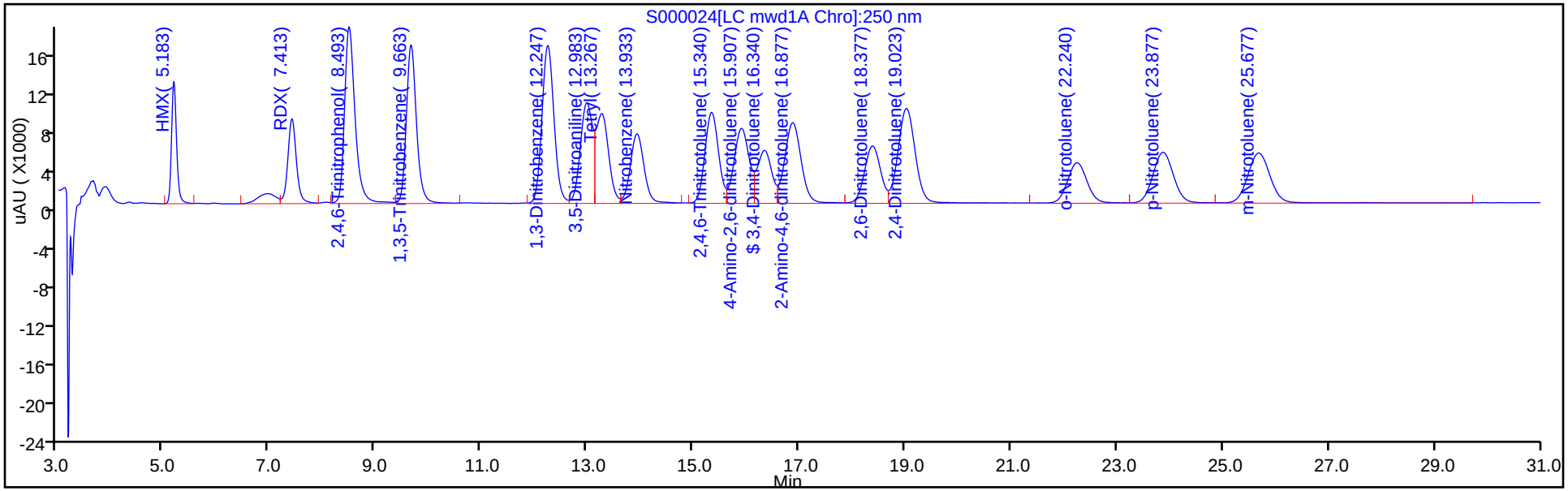
Report Date: 22-Apr-2013 09:55:40 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

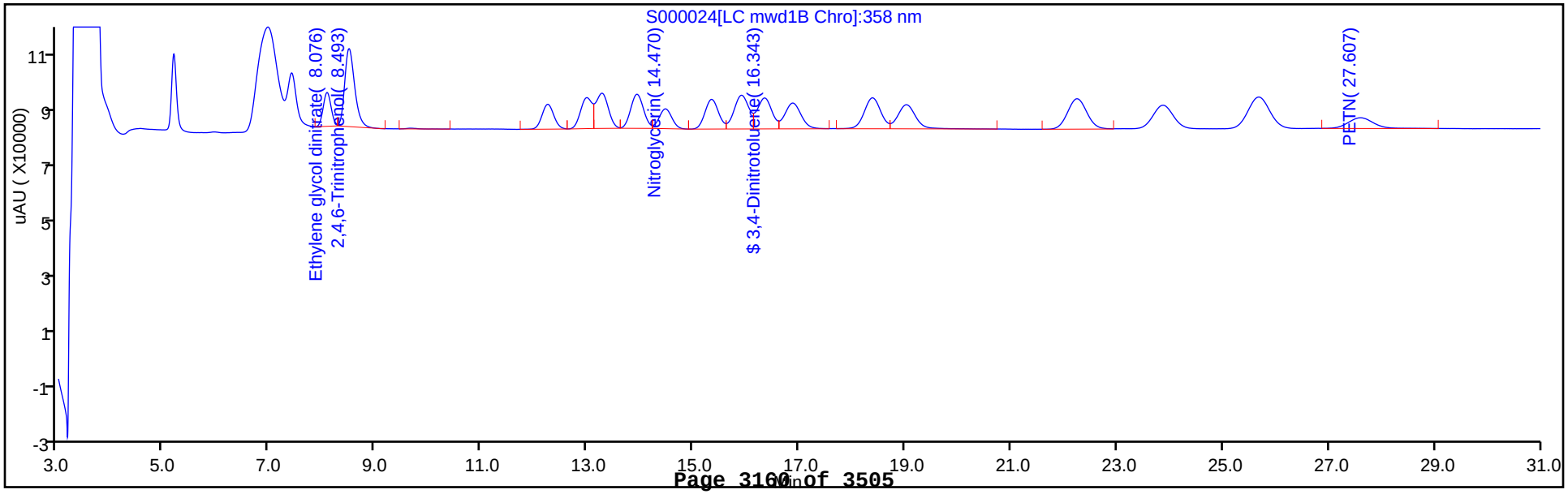
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Injection Date:	20-Apr-2013 02:02:12	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14706	Lims Sample ID:	11
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 320-14706/22 Calibration Date: 04/20/2013 10:02

Instrument ID: LC10 Calib Start Date: 04/19/2013 10:45

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 04/19/2013 15:51

Lab File ID: S000035.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	125.5	126.6		101	100	0.9	20.0
RDX	Ave	90.99	87.49		96.1	100	-3.9	20.0
Ethylene glycol dinitrate	Ave	110.5	113.8		103	100	2.9	20.0
Picric acid	Ave	132.3	104.7		198	250	-20.8*	20.0
1,3,5-Trinitrobenzene	Ave	163.5	164.6		101	100	0.6	20.0
1,3-Dinitrobenzene	Ave	162.2	164.3		101	100	1.3	20.0
3,5-Dinitroaniline	Ave	103.6	104.5		101	100	0.9	20.0
Tetryl	Ave	94.63	93.12		98.4	100	-1.6	20.0
Nitrobenzene	Ave	71.37	70.95		99.4	100	-0.6	20.0
Nitroglycerin	Ave	70.31	68.10		96.9	100	-3.1	20.0
2,4,6-Trinitrotoluene	Ave	95.40	94.69		99.3	100	-0.7	20.0
4-Amino-2,6-dinitrotoluene	Ave	78.37	77.84		99.3	100	-0.7	20.0
2-Amino-4,6-dinitrotoluene	Ave	84.03	83.89		99.8	100	-0.2	20.0
2,6-Dinitrotoluene	Ave	59.83	59.40		99.3	100	-0.7	20.0
2,4-Dinitrotoluene	Ave	98.79	98.29		99.5	100	-0.5	20.0
2-Nitrotoluene	Ave	42.45	40.96		96.5	100	-3.5	20.0
4-Nitrotoluene	Ave	53.10	51.70		97.4	100	-2.6	20.0
3-Nitrotoluene	Ave	52.01	50.70		97.5	100	-2.5	20.0
PETN	Ave	39.35	36.71		93.3	100	-6.7	20.0
3,4-Dinitrotoluene	Ave	57.22	55.13		96.4	100	-3.6	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 320-14706/22 Calibration Date: 04/20/2013 10:02

Instrument ID: LC10 Calib Start Date: 04/19/2013 10:45

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 04/19/2013 15:51

Lab File ID: S000035.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	5.18	4.93	5.43
RDX	7.41	7.16	7.66
Ethylene glycol dinitrate	8.08	7.83	8.33
Picric acid	8.49	8.24	8.74
1,3,5-Trinitrobenzene	9.66	9.41	9.91
1,3-Dinitrobenzene	12.23	11.98	12.48
3,5-Dinitroaniline	12.96	12.71	13.21
Tetryl	13.25	13.00	13.50
Nitrobenzene	13.91	13.66	14.16
Nitroglycerin	14.45	14.20	14.70
2,4,6-Trinitrotoluene	15.32	15.07	15.57
4-Amino-2,6-dinitrotoluene	15.88	15.63	16.13
2-Amino-4,6-dinitrotoluene	16.85	16.60	17.10
2,6-Dinitrotoluene	18.36	18.11	18.61
2,4-Dinitrotoluene	19.00	18.75	19.25
2-Nitrotoluene	22.21	21.96	22.46
4-Nitrotoluene	23.84	23.59	24.09
3-Nitrotoluene	25.64	25.39	25.89
PETN	27.55	27.30	27.80
3,4-Dinitrotoluene	16.31	16.06	16.56

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20130419-4003.b\S000035.D
Lims ID: CCV 05 Client ID:
Inject. Date: 20-Apr-2013 10:02:33 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 320-0004003-022
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 2
Lims Batch ID: 14706 Lims Sample ID: 22
Sublist: chrom-8330_LC10*sub1

Method: \\SACChrom\ChromData\LC10\20130419-4003.b\8330_LC10.m
Last Update: 22-Apr-2013 09:55:32 Calib Date: 19-Apr-2013 15:51:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK024

First Level Reviewer: shafern Date: 22-Apr-2013 08:26:40

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.180	5.180	0.0	12657	100.9	
19 RDX						
1	7.410	7.410	0.0	8749	96.1	
3 Ethylene glycol dinitrate						
2	8.077	8.077	0.0	11376	102.9	
10 2,4,6-Trinitrophenol						
2	8.490	8.490	0.0	26174	197.9	
1	8.490	8.490	0.0	18287	198.5	
27 1,3,5-Trinitrobenzene						
1	9.660	9.660	0.0	16459	100.6	
24 1,3-Dinitrobenzene						
1	12.234	12.234	0.0	16429	101.3	
9 3,5-Dinitroaniline						
1	12.964	12.964	0.0	10452	100.9	
20 Tetryl						
1	13.250	13.250	0.0	9312	98.4	
5 Nitrobenzene						
1	13.914	13.914	0.0	7095	99.4	
7 Nitroglycerin						
2	14.450	14.450	0.0	6810	96.9	
25 2,4,6-Trinitrotoluene						
1	15.324	15.324	0.0	9469	99.3	
26 4-Amino-2,6-dinitrotoluene						
1	15.884	15.884	0.0	7784	99.3	
$ 30 3,4-Dinitrotoluene						
1	16.314	16.314	0.0	5513	96.4	
2	16.317	16.317	0.0	10460	97.6	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	16.850	16.850	0.0	8389	99.8	
12 2,6-Dinitrotoluene						
1	18.357	18.357	0.0	5940	99.3	
23 2,4-Dinitrotoluene						
1	18.997	18.997	0.0	9829	99.5	
16 o-Nitrotoluene						
1	22.214	22.214	0.0	4096	96.5	
15 p-Nitrotoluene						
1	23.837	23.837	0.0	5170	97.4	
8 m-Nitrotoluene						
1	25.640	25.640	0.0	5070	97.5	
21 PETN						
2	27.547	27.547	0.0	3671	93.3	

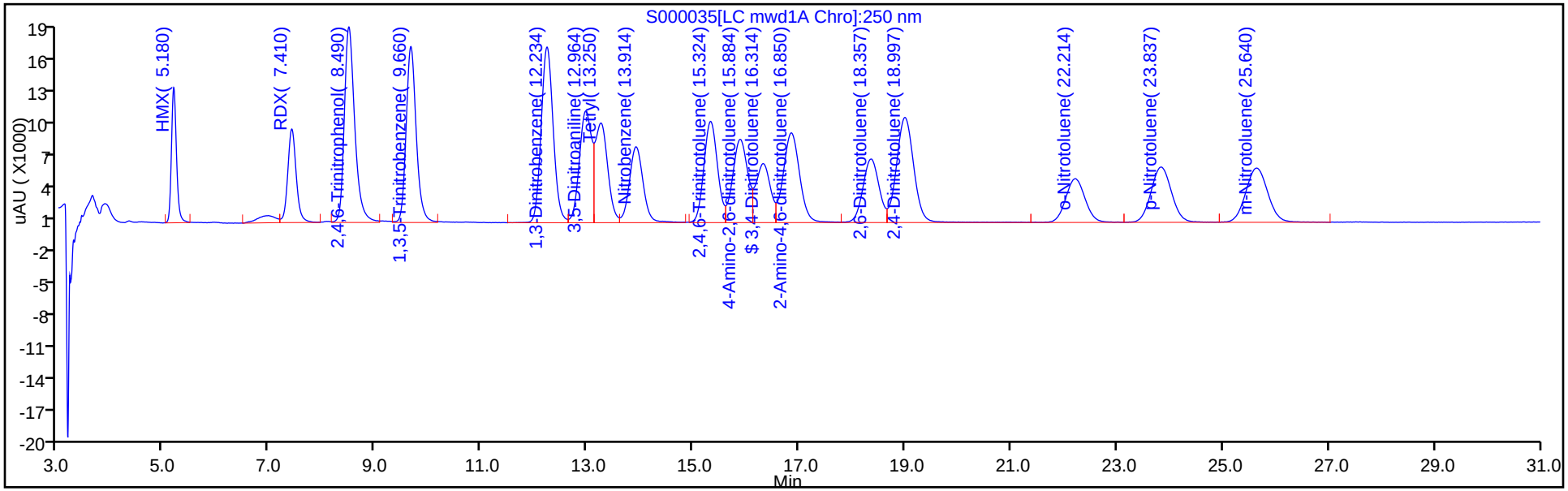
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TestAmerica Sacramento

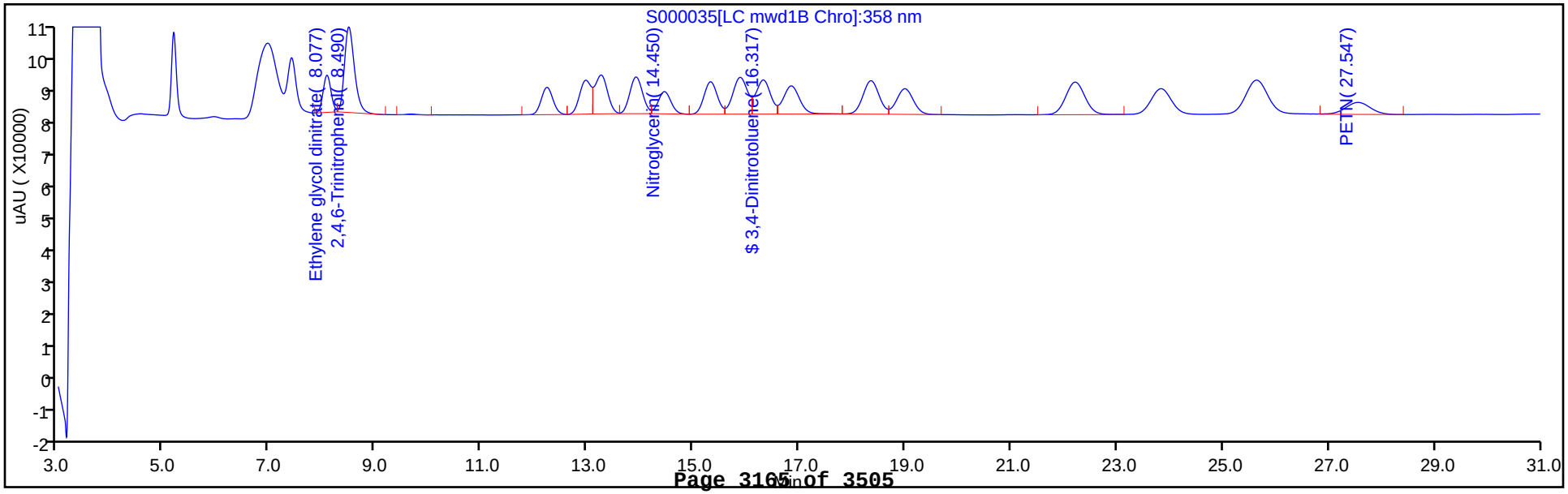
Data File: \\SACChrom\ChromData\LC10\20130419-4003.b\S000035.D

Injection Date:	20-Apr-2013 10:02:33	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14706	Lims Sample ID:	22
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCVL 320-14706/33 Calibration Date: 04/20/2013 18:03

Instrument ID: LC10 Calib Start Date: 04/19/2013 10:45

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 04/19/2013 15:51

Lab File ID: S000046.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	125.5	177.2		7.06	5.00	41.2*	30.0
RDX	Ave	90.99	147.6		8.11	5.00	62.2*	30.0
1,3,5-Trinitrobenzene	Ave	163.5	234.8		7.18	5.00	43.6*	30.0
1,3-Dinitrobenzene	Ave	162.2	237.8		7.33	5.00	46.6*	30.0
3,5-Dinitroaniline	Ave	103.6	152.8		7.37	5.00	47.4*	30.0
Tetryl	Ave	94.63	136.2		7.20	5.00	43.9*	30.0
Nitrobenzene	Ave	71.37	104.2		7.30	5.00	46.0*	30.0
Nitroglycerin	Ave	70.31	81.20		23.1	20.0	15.5	30.0
2,4,6-Trinitrotoluene	Ave	95.40	139.0		7.29	5.00	45.7*	30.0
4-Amino-2,6-dinitrotoluene	Ave	78.37	115.8		7.39	5.00	47.8*	30.0
2-Amino-4,6-dinitrotoluene	Ave	84.03	124.4		7.40	5.00	48.1*	30.0
2,6-Dinitrotoluene	Ave	59.83	87.80		7.34	5.00	46.7*	30.0
2,4-Dinitrotoluene	Ave	98.79	142.6		7.22	5.00	44.3*	30.0
2-Nitrotoluene	Ave	42.45	62.20		7.33	5.00	46.5*	30.0
4-Nitrotoluene	Ave	53.10	73.40		6.91	5.00	38.2*	30.0
3-Nitrotoluene	Ave	52.01	74.40		7.15	5.00	43.0*	30.0
PETN	Ave	39.35	39.90		20.3	20.0	1.4	30.0
3,4-Dinitrotoluene	Ave	57.22	57.05		19.9	20.0	-0.3	30.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCVL 320-14706/33 Calibration Date: 04/20/2013 18:03

Instrument ID: LC10 Calib Start Date: 04/19/2013 10:45

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 04/19/2013 15:51

Lab File ID: S000046.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	5.18	4.93	5.43
RDX	7.40	7.15	7.65
1,3,5-Trinitrobenzene	9.65	9.40	9.90
1,3-Dinitrobenzene	12.23	11.98	12.48
3,5-Dinitroaniline	12.95	12.70	13.20
Tetryl	13.21	12.96	13.46
Nitrobenzene	13.88	13.63	14.13
Nitroglycerin	14.42	14.17	14.67
2,4,6-Trinitrotoluene	15.29	15.04	15.54
4-Amino-2,6-dinitrotoluene	15.84	15.59	16.09
2-Amino-4,6-dinitrotoluene	16.81	16.56	17.06
2,6-Dinitrotoluene	18.31	18.06	18.56
2,4-Dinitrotoluene	18.96	18.71	19.21
2-Nitrotoluene	22.13	21.88	22.38
4-Nitrotoluene	23.73	23.48	23.98
3-Nitrotoluene	25.56	25.31	25.81
PETN	27.49	27.24	27.74
3,4-Dinitrotoluene	16.28	16.03	16.53

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20130419-4003.b\S000046.D		
Lims ID:	CCVL	Client ID:	
Inject. Date:	20-Apr-2013 18:03:09	Dil. Factor:	1.0000
Sample Type:	CCVL		
Sample ID:	320-0004003-033		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	7
Lims Batch ID:	14706	Lims Sample ID:	33
Sublist:	chrom-8330_LC10*sub2		
Method:	\\SACChrom\ChromData\LC10\20130419-4003.b\8330_LC10.m		
Last Update:	22-Apr-2013 09:55:25	Calib Date:	19-Apr-2013 15:51:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK024		

First Level Reviewer: shafern Date: 22-Apr-2013 09:04:12

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.181	5.181	0.0	886	7.06	
19 RDX						
1	7.397	7.397	0.0	738	8.11	
27 1,3,5-Trinitrobenzene						
1	9.651	9.651	0.0	1174	7.18	
24 1,3-Dinitrobenzene						
1	12.227	12.227	0.0	1189	7.33	
9 3,5-Dinitroaniline						
1	12.954	12.954	0.0	764	7.37	
20 Tetryl						
1	13.211	13.211	0.0	681	7.20	
5 Nitrobenzene						
1	13.884	13.884	0.0	521	7.30	
7 Nitroglycerin						
2	14.424	14.424	0.0	1624	23.1	
25 2,4,6-Trinitrotoluene						
1	15.294	15.294	0.0	695	7.29	
26 4-Amino-2,6-dinitrotoluene						
1	15.841	15.841	0.0	579	7.39	
$ 30 3,4-Dinitrotoluene						
1	16.281	16.281	0.0	1141	19.9	
2	16.284	16.284	0.0	2309	21.5	
6 2-Amino-4,6-dinitrotoluene						
1	16.807	16.807	0.0	622	7.40	
12 2,6-Dinitrotoluene						
1	18.314	18.314	0.0	439	7.34	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
23 2,4-Dinitrotoluene						
1	18.957	18.957	0.0	713	7.22	
16 o-Nitrotoluene						
1	22.131	22.131	0.0	311	7.33	
15 p-Nitrotoluene						M
1	23.731	23.731	0.0	367	6.91	M
8 m-Nitrotoluene						M
1	25.557	25.557	0.0	372	7.15	M
21 PETN						
2	27.491	27.491	0.0	798	20.3	

QC Flag Legend

Review Flags
M - Manually Integrated

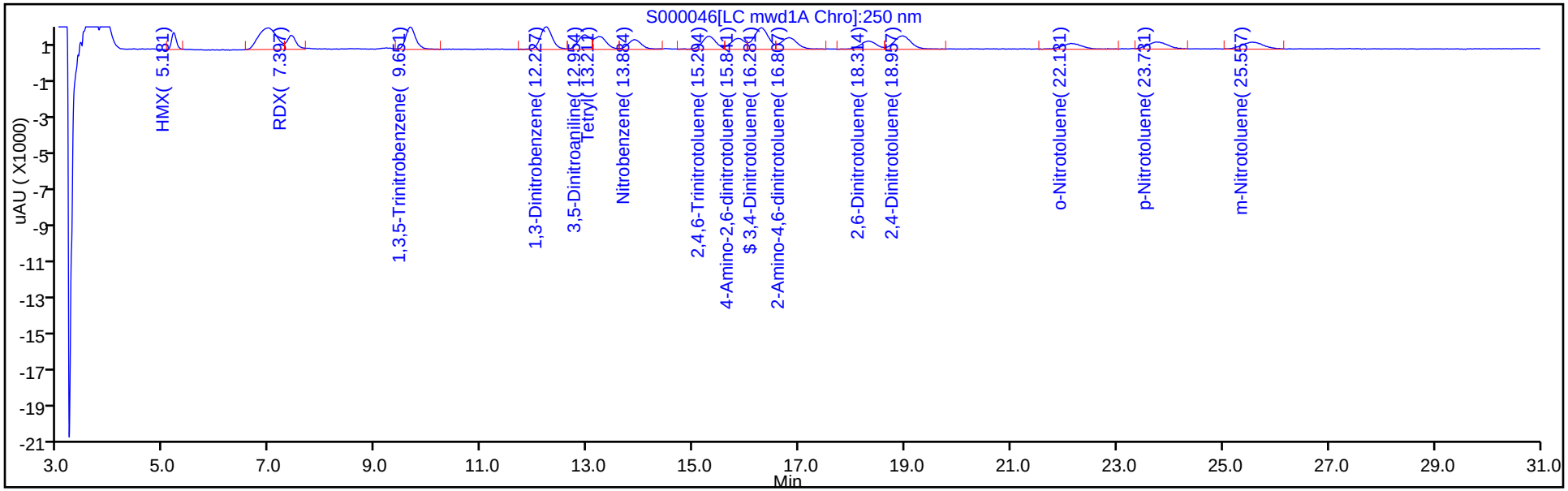
Report Date: 22-Apr-2013 09:55:25 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

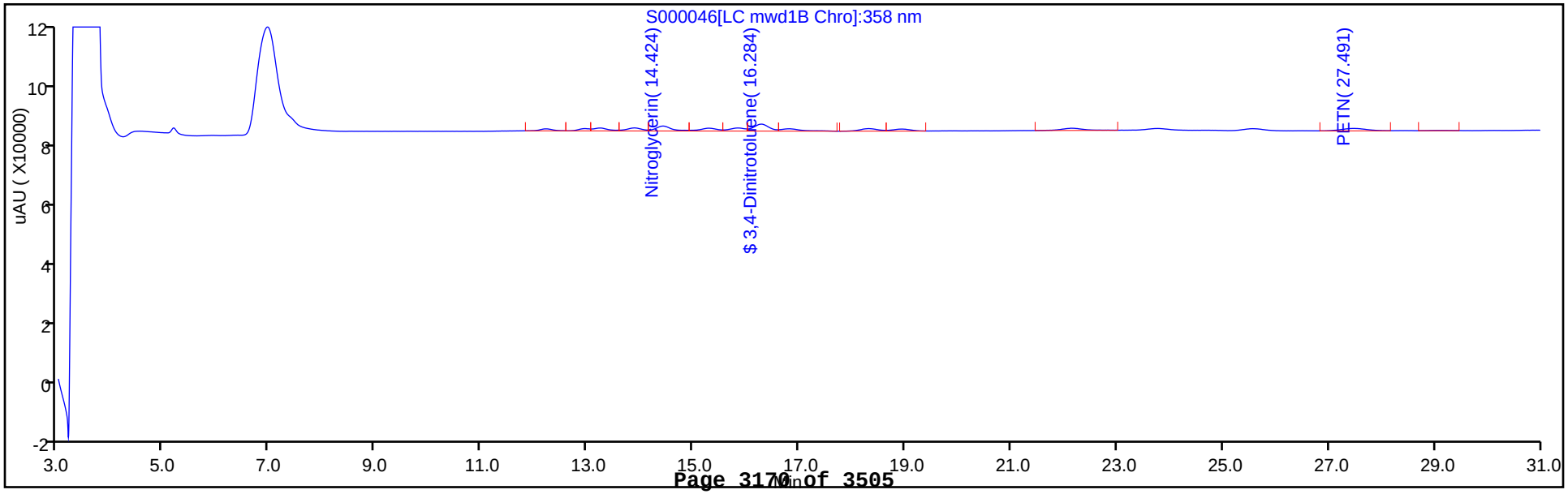
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Injection Date:	20-Apr-2013 18:03:09	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14706	Lims Sample ID:	33
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

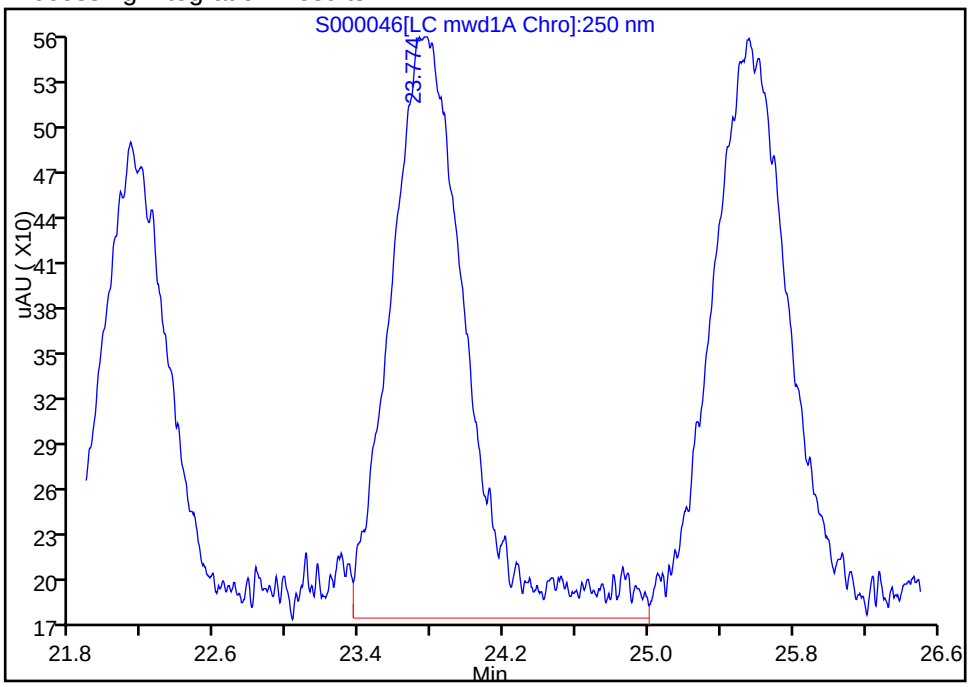
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC10\20130419-4003.b\S000046.D		
Injection Date:	20-Apr-2013 18:03:09	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14706	Lims Sample ID:	33
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

15 p-Nitrotoluene, Signal: 1, Type: quant, RT: 23.73, Det: LC mwd1A

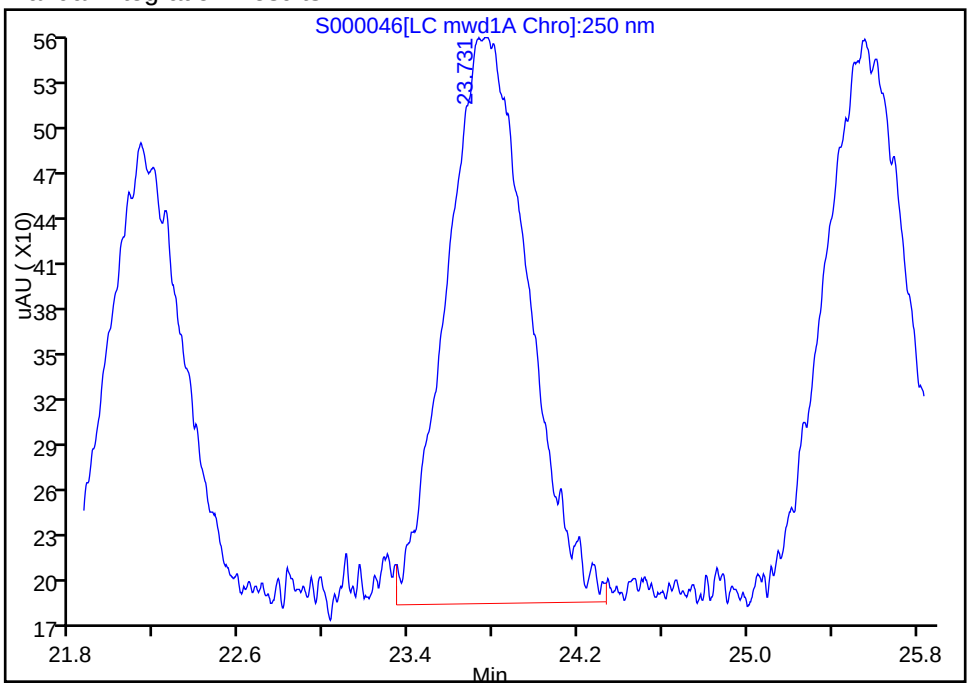
Processing Integration Results

RT: 23.77
Response: 376
Amount: 7.077038



Manual Integration Results

RT: 23.73
Response: 367
Amount: 6.911537



Reviewer: shafern, 22-Apr-2013 09:05:24
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

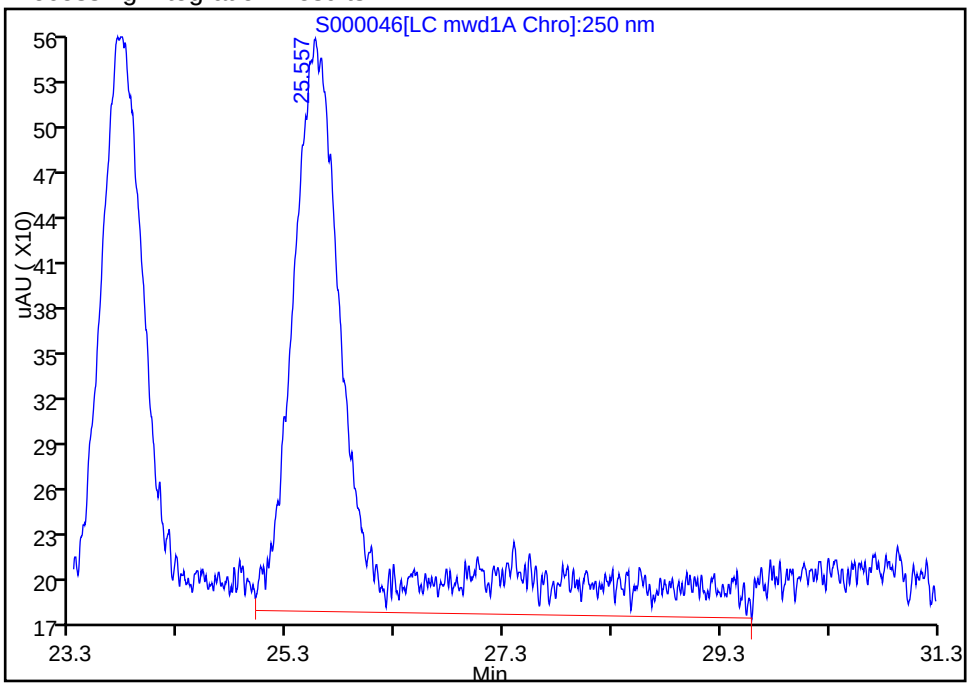
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC10\20130419-4003.b\S000046.D		
Injection Date:	20-Apr-2013 18:03:09	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14706	Lims Sample ID:	33
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

8 m-Nitrotoluene, Signal: 1, Type: quant, RT: 25.56, Det: LC mwd1A

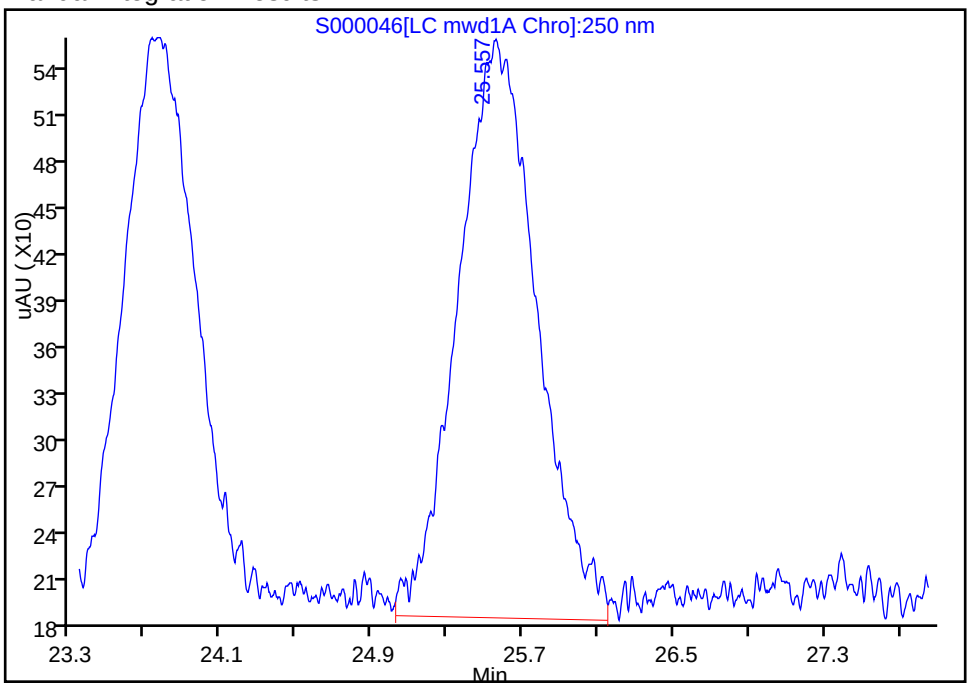
Processing Integration Results

RT: 25.56
Response: 376
Amount: 7.230829



Manual Integration Results

RT: 25.56
Response: 372
Amount: 7.152178



Reviewer: shafern, 22-Apr-2013 09:05:24
Audit Action: Manually Integrated
Audit Reason: Baseline

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Lab Sample ID: ICV 320-10422/11 Calibration Date: 02/14/2013 03:05

Instrument ID: LC12 Calib Start Date: 02/13/2013 17:16

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 02/14/2013 00:54

Lab File ID: M000012.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Picric acid	None		0.0870		0.500	1000	-100.0*	20.0
Nitrobenzene	Ave	48.34	48.04		497	500	-0.6	20.0
Ethylene glycol dinitrate	Ave	21.88	22.05		504	500	0.8	20.0
1,3-Dinitrobenzene	Ave	106.1	100.8		475	500	-4.9	20.0
1,3,5-Trinitrobenzene	Ave	82.14	79.18		482	500	-3.6	20.0
2-Nitrotoluene	Ave	63.47	61.84		487	500	-2.6	20.0
4-Nitrotoluene	Ave	63.47	61.84		487	500	-2.6	20.0
3-Nitrotoluene	Ave	42.38	39.90		471	500	-5.8	20.0
3,5-Dinitroaniline	Ave	82.33	80.95		492	500	-1.7	20.0
RDX	Ave	49.04	45.73		466	500	-6.7	20.0
2,4-Dinitrotoluene	Ave	88.34	87.12		493	500	-1.4	20.0
2,6-Dinitrotoluene	Ave	53.63	52.70		491	500	-1.7	20.0
2-Amino-4,6-dinitrotoluene	Ave	74.40	76.75		516	500	3.2	20.0
4-Amino-2,6-dinitrotoluene	Ave	70.31	70.74		503	500	0.6	20.0
2,4,6-Trinitrotoluene	Ave	87.92	94.20		536	500	7.1	20.0
HMX	Ave	65.31	66.47		509	500	1.8	20.0
Nitroglycerin	Ave	91.50	99.16		542	500	8.4	20.0
Tetryl	Ave	118.9	137.0		576	500	15.2	20.0
PETN	Ave	146.8	152.3		519	500	3.8	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Lab Sample ID: ICV 320-10422/11 Calibration Date: 02/14/2013 03:05

Instrument ID: LC12 Calib Start Date: 02/13/2013 17:16

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 02/14/2013 00:54

Lab File ID: M000012.D

Analyte	RT	RT WINDOW	
		FROM	TO
Picric acid	0.10	0.00	0.35
Nitrobenzene	22.76	22.51	23.01
Ethylene glycol dinitrate	23.99	23.74	24.24
1,3-Dinitrobenzene	25.86	25.61	26.11
1,3,5-Trinitrobenzene	28.79	28.54	29.04
2-Nitrotoluene	29.95	29.70	30.20
4-Nitrotoluene	29.95	29.70	30.20
3-Nitrotoluene	30.56	30.31	30.81
3,5-Dinitroaniline	31.97	31.72	32.22
RDX	32.58	32.33	32.83
2,4-Dinitrotoluene	33.82	33.57	34.07
2,6-Dinitrotoluene	34.84	34.59	35.09
2-Amino-4,6-dinitrotoluene	36.93	36.68	37.18
4-Amino-2,6-dinitrotoluene	37.50	37.25	37.75
2,4,6-Trinitrotoluene	41.27	41.02	41.52
HMX	42.70	42.45	42.95
Nitroglycerin	45.21	44.96	45.46
Tetryl	46.79	46.54	47.04
PETN	53.11	52.86	53.36

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC12\20130213-2792.b\M000012.D
Lims ID: ICV Client ID:
Inject. Date: 14-Feb-2013 03:05:41 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 320-0002792-011
Misc. Info.:
Operator: RN Instrument ID: LC12
Injection Vol: 500.0 ul ALS Bottle#: 20
Lims Batch ID: 10422 Lims Sample ID: 11
Sublist:

Method: \\SACChrom\ChromData\LC12\20130213-2792.b\LC12_Conf_8330.m
Last Update: 14-Feb-2013 07:52:21 Calib Date: 14-Feb-2013 00:54:32
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC12\20130213-2792.b\M000010.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Zorbax Cyano CN Column Dia: 4.60 mm
Process Host: XAWRK023

First Level Reviewer: noonanr Date: 14-Feb-2013 07:51:34

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
10 2,4,6-Trinitrophenol						
2	0.096	0.096	0.0	87	0	
1	0.096	0.096	0.0	92	0	
5 Nitrobenzene						
1	22.763	22.763	0.0	24018	496.9	
3 Ethylene glycol dinitrate						
2	23.993	23.993	0.0	11023	503.9	
24 1,3-Dinitrobenzene						
1	25.863	25.863	0.0	50405	475.3	
27 1,3,5-Trinitrobenzene						
1	28.786	28.786	0.0	39588	482.0	
16 o-Nitrotoluene						
1	29.953	29.953	0.0	30919	487.1	
15 p-Nitrotoluene						
1	29.953	29.953	0.0	30919	487.1	
8 m-Nitrotoluene						
1	30.560	30.560	0.0	19952	470.8	
9 3,5-Dinitroaniline						
1	31.970	31.970	0.0	40475	491.6	
19 RDX						
1	32.580	32.580	0.0	22864	466.3	
23 2,4-Dinitrotoluene						
1	33.820	33.820	0.0	43562	493.1	
12 2,6-Dinitrotoluene						
1	34.843	34.843	0.0	26351	491.4	
6 2-Amino-4,6-dinitrotoluene						
1	36.933	36.933	0.0	38373	515.8	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
26 4-Amino-2,6-dinitrotoluene						
1	37.503	37.503	0.0	35368	503.0	
25 2,4,6-Trinitrotoluene						
1	41.273	41.273	0.0	47098	535.7	
11 HMX						
1	42.696	42.696	0.0	33235	508.9	
7 Nitroglycerin						
2	45.206	45.206	0.0	49581	541.9	
20 Tetryl						
1	46.786	46.786	0.0	68518	576.1	
21 PETN						
2	53.113	53.113	0.0	76141	518.8	

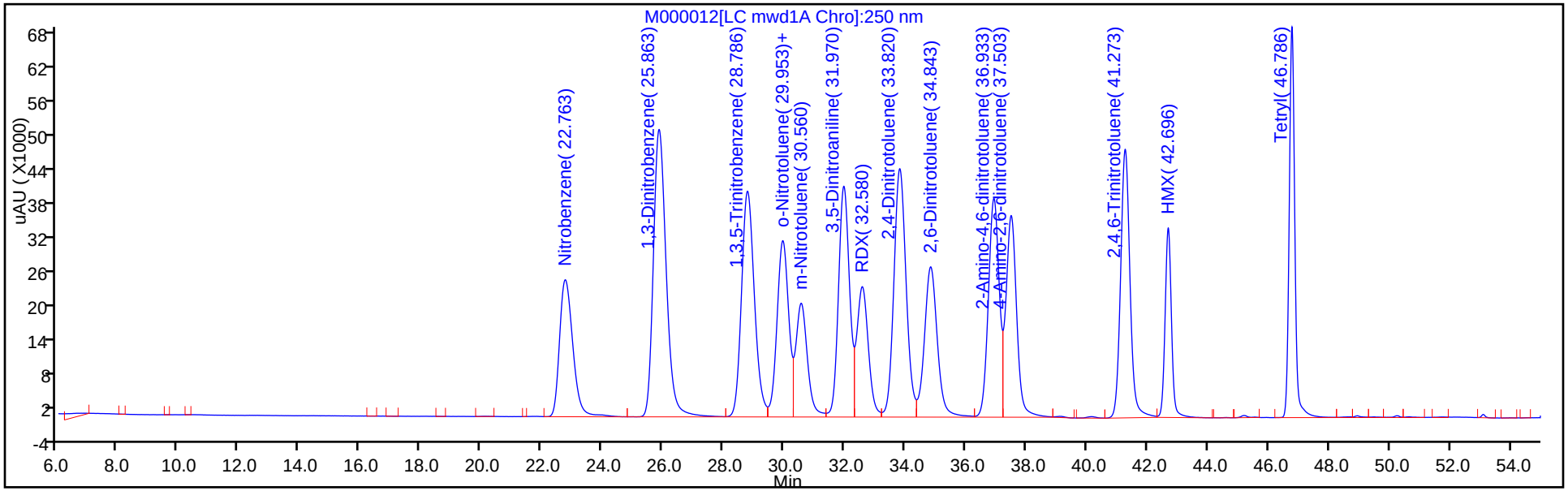
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TestAmerica Sacramento

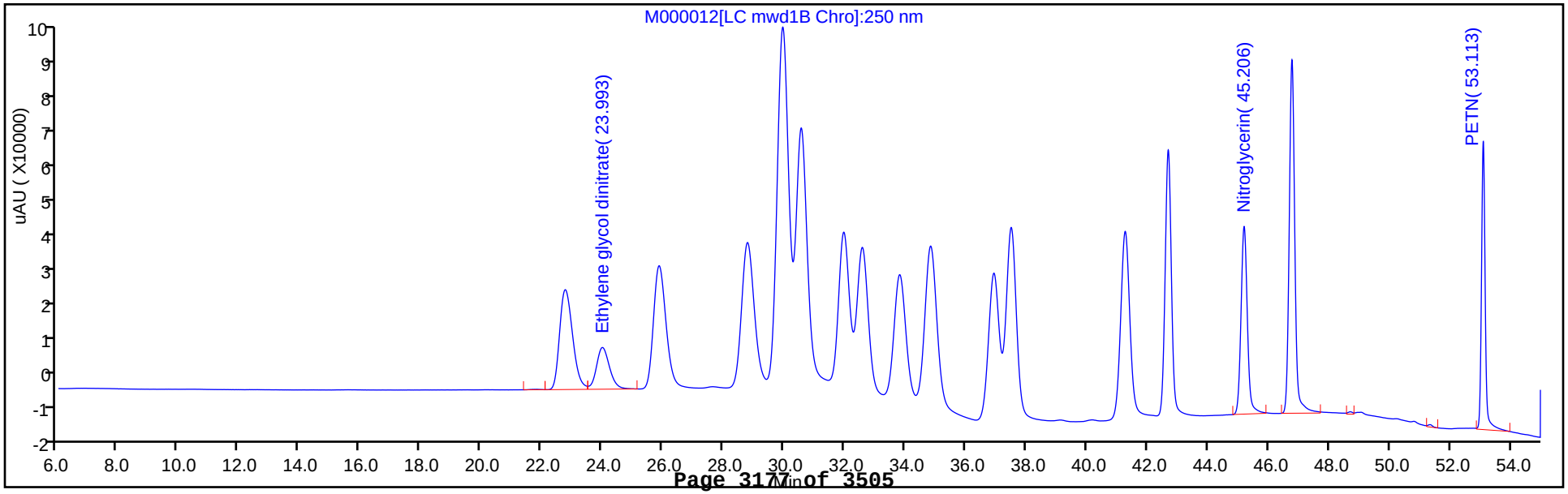
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Injection Date:	14-Feb-2013 03:05:41	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	10422	Lims Sample ID:	11
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Lab Sample ID: LODV 320-10422/12 Calibration Date: 02/14/2013 04:11

Instrument ID: LC12 Calib Start Date: 02/13/2013 17:16

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 02/14/2013 00:54

Lab File ID: M000013.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitrobenzene	Ave	48.34	51.80		5.36	5.00	7.2	
1,3-Dinitrobenzene	Ave	106.1	115.8		5.46	5.00	9.2	
1,3,5-Trinitrobenzene	Ave	82.14	91.20		5.55	5.00	11.0	
2-Nitrotoluene	Ave	63.47	66.80		5.26	5.00	5.2	
4-Nitrotoluene	Ave	63.47	66.80		5.26	5.00	5.2	
3-Nitrotoluene	Ave	42.38	43.20		5.10	5.00	1.9	
3,5-Dinitroaniline	Ave	82.33	100.2		6.09	5.00	21.7	
RDX	Ave	49.04	60.20		6.14	5.00	22.8	
2,4-Dinitrotoluene	Ave	88.34	101.2		5.73	5.00	14.6	
2,6-Dinitrotoluene	Ave	53.63	60.80		5.67	5.00	13.4	
2-Amino-4,6-dinitrotoluene	Ave	74.40	78.40		5.27	5.00	5.4	
4-Amino-2,6-dinitrotoluene	Ave	70.31	78.20		5.56	5.00	11.2	
2,4,6-Trinitrotoluene	Ave	87.92	99.40		5.65	5.00	13.1	
HMX	Ave	65.31	71.80		5.50	5.00	9.9	
Nitroglycerin	Ave	91.50	88.10		19.3	20.0	-3.7	
Tetryl	Ave	118.9	133.4		5.61	5.00	12.2	
PETN	Ave	146.8	141.0		19.2	20.0	-3.9	
3,4-Dinitrotoluene	Ave	53.42	53.85		20.2	20.0	0.8	

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Lab Sample ID: LODV 320-10422/12 Calibration Date: 02/14/2013 04:11

Instrument ID: LC12 Calib Start Date: 02/13/2013 17:16

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 02/14/2013 00:54

Lab File ID: M000013.D

Analyte	RT	RT WINDOW	
		FROM	TO
Picric acid	0.10	0.00	0.35
Nitrobenzene	22.77	22.51	23.01
1,3-Dinitrobenzene	25.89	25.61	26.11
1,3,5-Trinitrobenzene	28.82	28.54	29.04
2-Nitrotoluene	29.98	29.70	30.20
4-Nitrotoluene	29.98	29.70	30.20
3-Nitrotoluene	30.54	30.31	30.81
3,5-Dinitroaniline	31.94	31.72	32.22
RDX	32.57	32.33	32.83
2,4-Dinitrotoluene	33.81	33.57	34.07
2,6-Dinitrotoluene	34.83	34.59	35.09
2-Amino-4,6-dinitrotoluene	36.92	36.68	37.18
4-Amino-2,6-dinitrotoluene	37.50	37.25	37.75
2,4,6-Trinitrotoluene	41.27	41.02	41.52
HMX	42.69	42.45	42.95
Nitroglycerin	45.18	44.96	45.46
Tetryl	46.77	46.54	47.04
PETN	53.11	52.86	53.36
Ethylene glycol dinitrate			
3,4-Dinitrotoluene	39.07	38.75	39.25

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC12\20130213-2792.b\M000013.D
Lims ID: LODV 5-20ng/mL Client ID:
Inject. Date: 14-Feb-2013 04:11:14 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 320-0002792-012
Misc. Info.:
Operator: RN Instrument ID: LC12
Injection Vol: 500.0 ul ALS Bottle#: 10
Lims Batch ID: 10422 Lims Sample ID: 12

Method: \\SACChrom\ChromData\LC12\20130213-2792.b\LC12_Conf_8330.m
Last Update: 14-Feb-2013 08:04:02 Calib Date: 14-Feb-2013 00:54:32
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC12\20130213-2792.b\M000010.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Zorbax Cyano CN Column Dia: 4.60 mm
Process Host: XAWRK023

First Level Reviewer: noonanr Date: 14-Feb-2013 07:52:12

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
10 2,4,6-Trinitrophenol						
2	0.102	0.096	0.006	111	0	
1	0.102	0.096	0.006	99	0	
5 Nitrobenzene						
1	22.772	22.763	0.009	259	5.36	
24 1,3-Dinitrobenzene						
1	25.886	25.863	0.023	579	5.46	
27 1,3,5-Trinitrobenzene						
1	28.816	28.786	0.030	456	5.55	
16 o-Nitrotoluene						
1	29.979	29.953	0.026	334	5.26	
15 p-Nitrotoluene						
1	29.979	29.953	0.026	334	5.26	
8 m-Nitrotoluene						
1	30.539	30.560	-0.021	216	5.10	
9 3,5-Dinitroaniline						
1	31.939	31.970	-0.031	501	6.09	
19 RDX						
1	32.566	32.580	-0.014	301	6.14	
23 2,4-Dinitrotoluene						
1	33.812	33.820	-0.008	506	5.73	
12 2,6-Dinitrotoluene						
1	34.826	34.843	-0.017	304	5.67	
6 2-Amino-4,6-dinitrotoluene						
1	36.919	36.933	-0.014	392	5.27	
26 4-Amino-2,6-dinitrotoluene						
1	37.502	37.503	-0.001	391	5.56	
$ 30 3,4-Dinitrotoluene						
1	39.072	38.999	0.073	1077	20.2	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
25 2,4,6-Trinitrotoluene						
1	41.266	41.273	-0.007	497	5.65	
11 HMX						
1	42.686	42.696	-0.010	359	5.50	
7 Nitroglycerin						
2	45.182	45.206	-0.024	1762	19.3	
20 Tetryl						
1	46.766	46.786	-0.020	667	5.61	
21 PETN						
2	53.109	53.113	-0.004	2820	19.2	

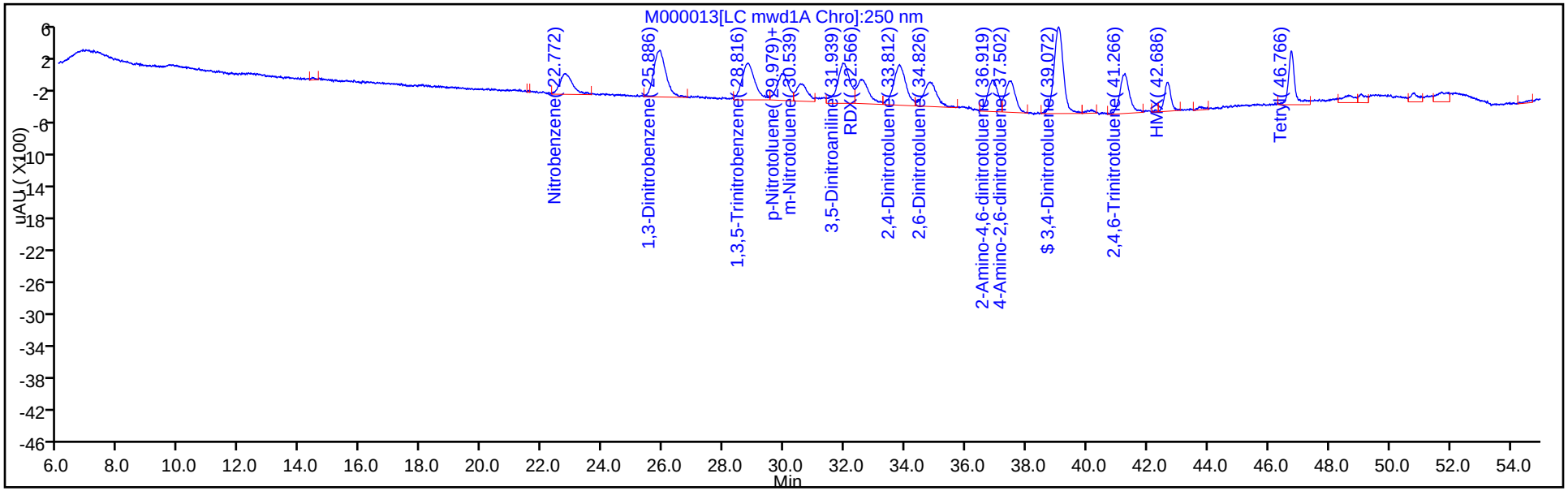
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TestAmerica Sacramento

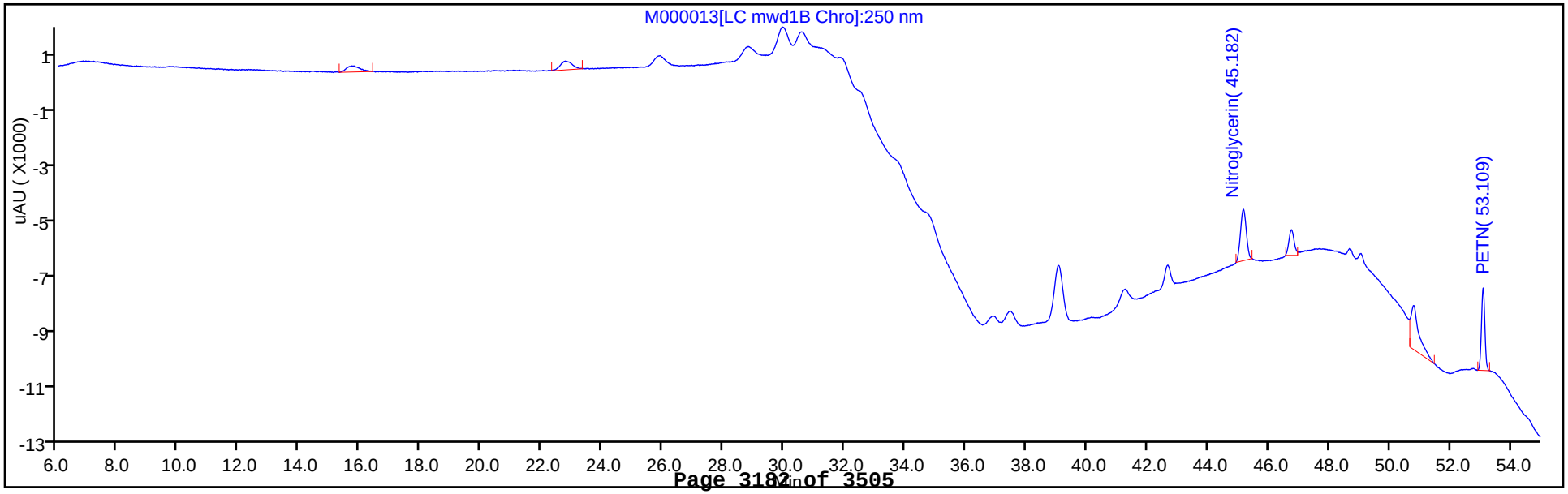
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Injection Date:	14-Feb-2013 04:11:14	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	10422	Lims Sample ID:	12
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 320-14998/3 Calibration Date: 04/24/2013 23:18

Instrument ID: LC12 Calib Start Date: 02/13/2013 17:16

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 02/14/2013 00:54

Lab File ID: X000029.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitrobenzene	Ave	48.34	47.57		197	200	-1.6	20.0
Ethylene glycol dinitrate	Ave	21.88	23.28		213	200	6.4	20.0
1,3-Dinitrobenzene	Ave	106.1	103.4		195	200	-2.5	20.0
1,3,5-Trinitrobenzene	Ave	82.14	79.07		193	200	-3.7	20.0
2-Nitrotoluene	Ave	63.47	60.74		191	200	-4.3	20.0
4-Nitrotoluene	Ave	63.47	60.74		191	200	-4.3	20.0
3-Nitrotoluene	Ave	42.38	40.48		191	200	-4.5	20.0
3,5-Dinitroaniline	Ave	82.33	80.71		196	200	-2.0	20.0
RDX	Ave	49.04	45.88		187	200	-6.4	20.0
2,4-Dinitrotoluene	Ave	88.34	89.22		202	200	1.0	20.0
2,6-Dinitrotoluene	Ave	53.63	53.22		198	200	-0.8	20.0
2-Amino-4,6-dinitrotoluene	Ave	74.40	72.23		194	200	-2.9	20.0
4-Amino-2,6-dinitrotoluene	Ave	70.31	66.85		190	200	-4.9	20.0
2,4,6-Trinitrotoluene	Ave	87.92	83.95		191	200	-4.5	20.0
HMX	Ave	65.31	62.61		192	200	-4.1	20.0
Nitroglycerin	Ave	91.50	86.75		190	200	-5.2	20.0
Tetryl	Ave	118.9	121.8		205	200	2.4	20.0
PETN	Ave	146.8	139.0		189	200	-5.3	20.0
3,4-Dinitrotoluene	Ave	53.42	50.66		190	200	-5.2	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 320-14998/3 Calibration Date: 04/24/2013 23:18

Instrument ID: LC12 Calib Start Date: 02/13/2013 17:16

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 02/14/2013 00:54

Lab File ID: X000029.D

Analyte	RT	RT WINDOW	
		FROM	TO
Nitrobenzene	22.32	22.07	22.57
Ethylene glycol dinitrate	23.28	23.03	23.53
1,3-Dinitrobenzene	25.27	25.02	25.52
1,3,5-Trinitrobenzene	27.97	27.72	28.22
2-Nitrotoluene	29.54	29.29	29.79
4-Nitrotoluene	29.54	29.29	29.79
3-Nitrotoluene	30.14	29.89	30.39
3,5-Dinitroaniline	31.40	31.15	31.65
RDX	32.01	31.76	32.26
2,4-Dinitrotoluene	33.22	32.97	33.47
2,6-Dinitrotoluene	34.24	33.99	34.49
2-Amino-4,6-dinitrotoluene	36.34	36.09	36.59
4-Amino-2,6-dinitrotoluene	36.97	36.72	37.22
2,4,6-Trinitrotoluene	40.68	40.43	40.93
HMX	42.42	42.17	42.67
Nitroglycerin	44.93	44.68	45.18
Tetryl	46.62	46.37	46.87
PETN	53.14	52.89	53.39
3,4-Dinitrotoluene	38.69	38.44	38.94

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC12\20130424-4083.b\X000029.D
Lims ID: CCV 06 Client ID:
Inject. Date: 24-Apr-2013 23:18:37 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 320-0004083-003
Misc. Info.:
Operator: RN Instrument ID: LC12
Injection Vol: 500.0 ul ALS Bottle#: 5
Lims Batch ID: 14998 Lims Sample ID: 3
Sublist: chrom-LC12_Conf_8330*sub1

Method: \\SACChrom\ChromData\LC12\20130424-4083.b\LC12_Conf_8330.m
Last Update: 25-Apr-2013 09:45:34 Calib Date: 07-Mar-2013 16:35:05
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC12\20130307-3157.b\G000007.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Zorbax Cyano CN Column Dia: 4.60 mm
Process Host: XAWRK032

First Level Reviewer: noonanr Date: 25-Apr-2013 09:45:34

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
10 2,4,6-Trinitrophenol						
2	0.094	0.094	0.0	94	0	
1	0.094	0.094	0.0	99	0	
5 Nitrobenzene						
1	22.324	22.324	0.0	9514	196.8	
3 Ethylene glycol dinitrate						
2	23.281	23.281	0.0	4656	212.8	
24 1,3-Dinitrobenzene						
1	25.267	25.267	0.0	20672	194.9	
27 1,3,5-Trinitrobenzene						
1	27.971	27.971	0.0	15814	192.5	
16 o-Nitrotoluene						
1	29.544	29.544	0.0	12147	191.4	
15 p-Nitrotoluene						
1	29.544	29.544	0.0	12147	191.4	
8 m-Nitrotoluene						
1	30.137	30.137	0.0	8096	191.0	
9 3,5-Dinitroaniline						
1	31.397	31.397	0.0	16142	196.1	
19 RDX						
1	32.014	32.014	0.0	9175	187.1	
23 2,4-Dinitrotoluene						
1	33.217	33.217	0.0	17844	202.0	
12 2,6-Dinitrotoluene						
1	34.241	34.241	0.0	10644	198.5	
6 2-Amino-4,6-dinitrotoluene						
1	36.344	36.344	0.0	14445	194.1	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
26 4-Amino-2,6-dinitrotoluene						
1	36.974	36.974	0.0	13369	190.1	
$ 30 3,4-Dinitrotoluene						
1	38.691	38.691	0.0	10131	189.7	
25 2,4,6-Trinitrotoluene						
1	40.681	40.681	0.0	16789	191.0	
11 HMX						
1	42.421	42.421	0.0	12522	191.7	
7 Nitroglycerin						
2	44.931	44.931	0.0	17349	189.6	
20 Tetryl						
1	46.624	46.624	0.0	24368	204.9	
21 PETN						
2	53.144	53.144	0.0	27806	189.5	

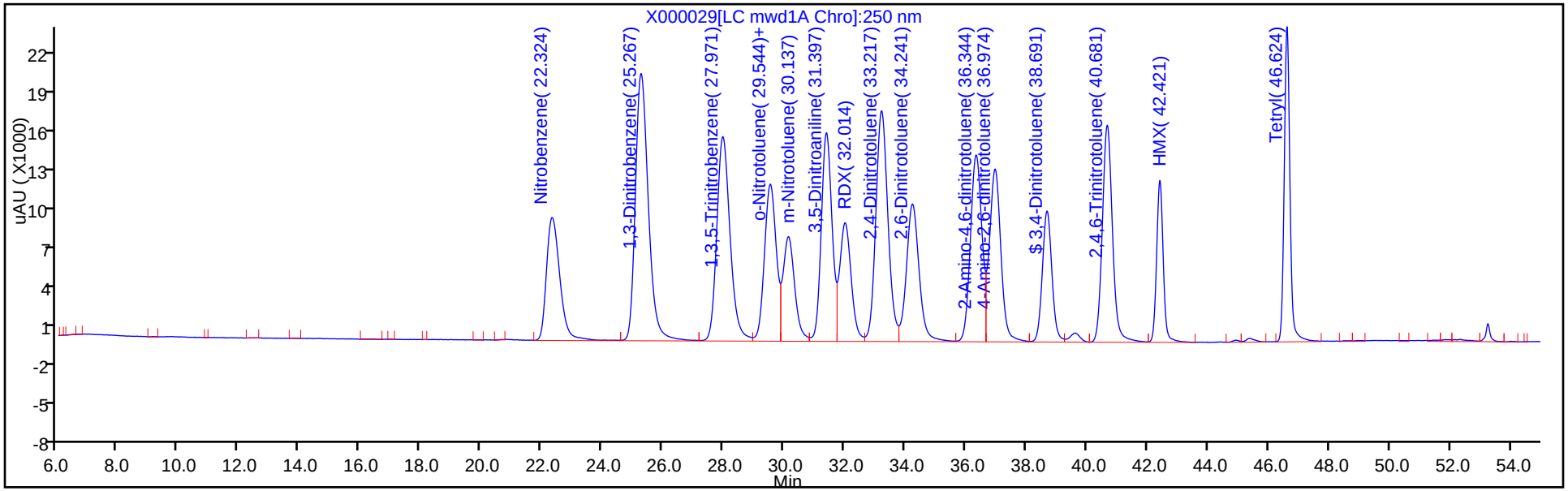
Report Date: 25-Apr-2013 09:45:34 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

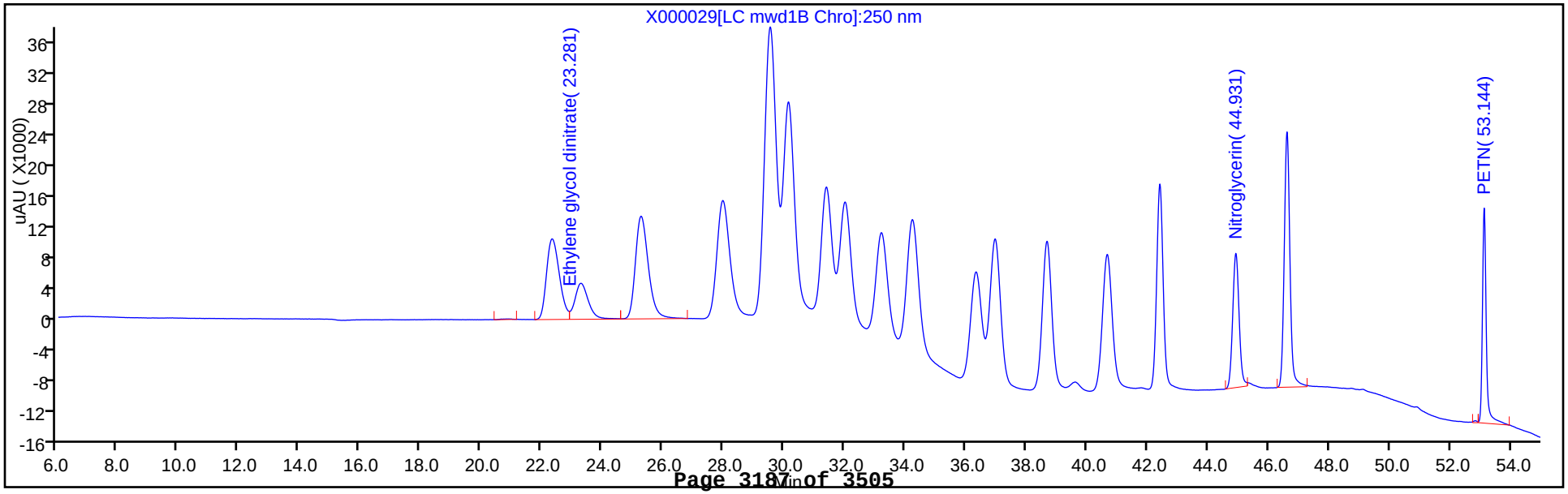
Data File: \\SACChrom\ChromData\LC12\20130424-4083.b\X000029.D

Injection Date:	24-Apr-2013 23:18:37	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	14998	Lims Sample ID:	3
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCVL 320-14998/4 Calibration Date: 04/25/2013 00:24

Instrument ID: LC12 Calib Start Date: 02/13/2013 17:16

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 02/14/2013 00:54

Lab File ID: X000030.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitrobenzene	Ave	48.34	51.80		5.36	5.00	7.2	20.0
1,3-Dinitrobenzene	Ave	106.1	109.2		5.15	5.00	3.0	20.0
1,3,5-Trinitrobenzene	Ave	82.14	85.40		5.20	5.00	4.0	20.0
2-Nitrotoluene	Ave	63.47	67.40		5.31	5.00	6.2	20.0
4-Nitrotoluene	Ave	63.47	67.40		5.31	5.00	6.2	20.0
3-Nitrotoluene	Ave	42.38	49.00		5.78	5.00	15.6	20.0
3,5-Dinitroaniline	Ave	82.33	94.20		5.72	5.00	14.4	20.0
RDX	Ave	49.04	64.00		6.53	5.00	30.5*	20.0
2,4-Dinitrotoluene	Ave	88.34	96.40		5.46	5.00	9.1	20.0
2,6-Dinitrotoluene	Ave	53.63	57.20		5.33	5.00	6.7	20.0
2-Amino-4,6-dinitrotoluene	Ave	74.40	72.80		4.89	5.00	-2.2	20.0
4-Amino-2,6-dinitrotoluene	Ave	70.31	62.40		4.44	5.00	-11.3	20.0
2,4,6-Trinitrotoluene	Ave	87.92	82.60		4.70	5.00	-6.0	20.0
HMX	Ave	65.31	67.00		5.13	5.00	2.6	20.0
Nitroglycerin	Ave	91.50	84.85		18.5	20.0	-7.3	20.0
Tetryl	Ave	118.9	119.4		5.02	5.00	0.4	20.0
PETN	Ave	146.8	136.9		18.7	20.0	-6.7	20.0
3,4-Dinitrotoluene	Ave	53.42	52.20		19.5	20.0	-2.3	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCVL 320-14998/4 Calibration Date: 04/25/2013 00:24

Instrument ID: LC12 Calib Start Date: 02/13/2013 17:16

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 02/14/2013 00:54

Lab File ID: X000030.D

Analyte	RT	RT WINDOW	
		FROM	TO
Nitrobenzene	22.35	22.10	22.60
1,3-Dinitrobenzene	25.28	25.03	25.53
1,3,5-Trinitrobenzene	27.95	27.70	28.20
2-Nitrotoluene	29.51	29.26	29.76
4-Nitrotoluene	29.51	29.26	29.76
3-Nitrotoluene	30.09	29.84	30.34
3,5-Dinitroaniline	31.37	31.12	31.62
RDX	31.94	31.69	32.19
2,4-Dinitrotoluene	33.19	32.94	33.44
2,6-Dinitrotoluene	34.20	33.95	34.45
2-Amino-4,6-dinitrotoluene	36.27	36.02	36.52
4-Amino-2,6-dinitrotoluene	36.94	36.69	37.19
2,4,6-Trinitrotoluene	40.61	40.36	40.86
HMX	42.35	42.10	42.60
Nitroglycerin	44.88	44.63	45.13
Tetryl	46.59	46.34	46.84
PETN	53.16	52.91	53.41
3,4-Dinitrotoluene	38.62	38.37	38.87

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20130424-4083.b\X000030.D		
Lims ID:	CCVL	Client ID:	
Inject. Date:	25-Apr-2013 00:24:39	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	320-0004083-004		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	8
Lims Batch ID:	14998	Lims Sample ID:	4
Sublist:	chrom-LC12_Conf_8330*sub4		
Method:	\\SACChrom\ChromData\LC12\20130424-4083.b\LC12_Conf_8330.m		
Last Update:	25-Apr-2013 09:46:01	Calib Date:	07-Mar-2013 16:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20130307-3157.b\G000007.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK032		

First Level Reviewer: noonanr Date: 25-Apr-2013 09:46:01

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	22.353	22.353	0.0	259	5.36	
24 1,3-Dinitrobenzene						
1	25.283	25.283	0.0	546	5.15	
27 1,3,5-Trinitrobenzene						
1	27.946	27.946	0.0	427	5.20	
16 o-Nitrotoluene						
1	29.513	29.513	0.0	337	5.31	
15 p-Nitrotoluene						
1	29.513	29.513	0.0	337	5.31	
8 m-Nitrotoluene						
1	30.086	30.086	0.0	245	5.78	
9 3,5-Dinitroaniline						
1	31.373	31.373	0.0	471	5.72	
19 RDX						
1	31.943	31.943	0.0	320	6.53	
23 2,4-Dinitrotoluene						
1	33.186	33.186	0.0	482	5.46	
12 2,6-Dinitrotoluene						
1	34.196	34.196	0.0	286	5.33	
6 2-Amino-4,6-dinitrotoluene						
1	36.266	36.266	0.0	364	4.89	
26 4-Amino-2,6-dinitrotoluene						
1	36.939	36.939	0.0	312	4.44	
$ 30 3,4-Dinitrotoluene						
1	38.623	38.623	0.0	1044	19.5	
25 2,4,6-Trinitrotoluene						
1	40.606	40.606	0.0	413	4.70	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	42.349	42.349	0.0	335	5.13	
7 Nitroglycerin						
2	44.883	44.883	0.0	1697	18.5	
20 Tetryl						
1	46.586	46.586	0.0	597	5.02	
21 PETN						
2	53.156	53.156	0.0	2738	18.7	

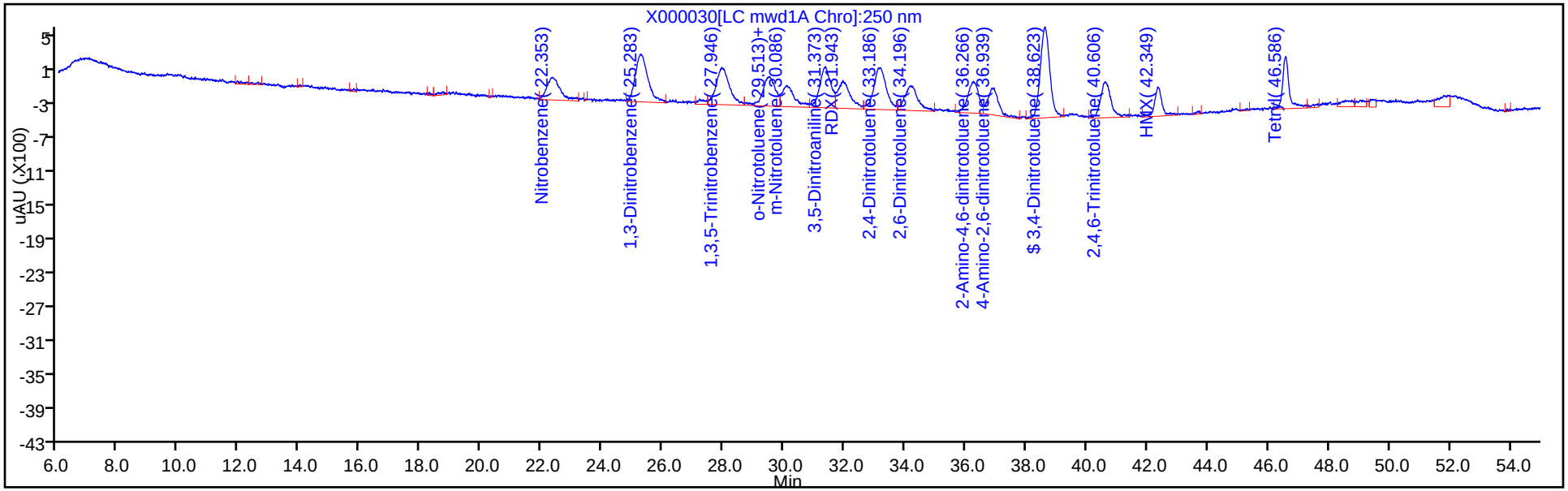
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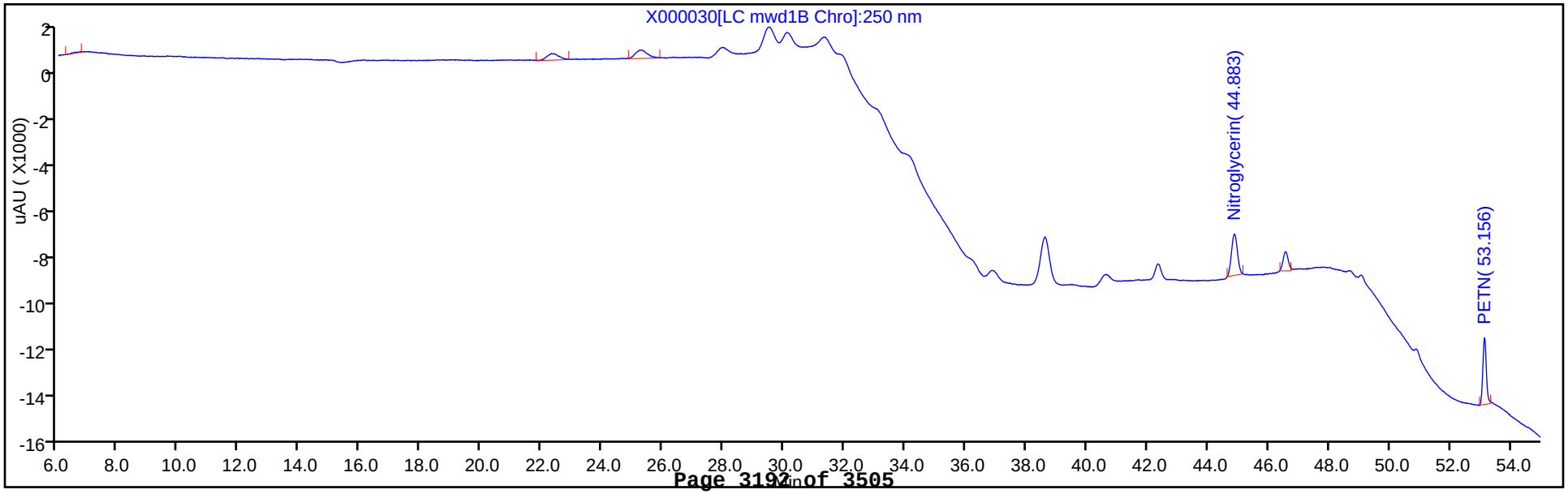
Data File: \\SACChrom\ChromData\LC12\20130424-4083.b\X000030.D

Injection Date:	25-Apr-2013 00:24:39	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	14998	Lims Sample ID:	4
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 320-14998/13 Calibration Date: 04/25/2013 10:19

Instrument ID: LC12 Calib Start Date: 02/13/2013 17:16

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 02/14/2013 00:54

Lab File ID: X000039.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitrobenzene	Ave	48.34	48.97		101	100	1.3	20.0
Ethylene glycol dinitrate	Ave	21.88	23.46		107	100	7.2	20.0
1,3-Dinitrobenzene	Ave	106.1	105.4		99.4	100	-0.6	20.0
1,3,5-Trinitrobenzene	Ave	82.14	79.73		97.1	100	-2.9	20.0
2-Nitrotoluene	Ave	63.47	61.44		96.8	100	-3.2	20.0
4-Nitrotoluene	Ave	63.47	61.44		96.8	100	-3.2	20.0
3-Nitrotoluene	Ave	42.38	40.90		96.5	100	-3.5	20.0
3,5-Dinitroaniline	Ave	82.33	82.01		99.6	100	-0.4	20.0
RDX	Ave	49.04	46.84		95.5	100	-4.5	20.0
2,4-Dinitrotoluene	Ave	88.34	90.25		102	100	2.2	20.0
2,6-Dinitrotoluene	Ave	53.63	53.71		100	100	0.2	20.0
2-Amino-4,6-dinitrotoluene	Ave	74.40	72.45		97.4	100	-2.6	20.0
4-Amino-2,6-dinitrotoluene	Ave	70.31	66.52		94.6	100	-5.4	20.0
2,4,6-Trinitrotoluene	Ave	87.92	83.24		94.7	100	-5.3	20.0
HMX	Ave	65.31	62.99		96.5	100	-3.5	20.0
Nitroglycerin	Ave	91.50	86.48		94.5	100	-5.5	20.0
Tetryl	Ave	118.9	120.7		101	100	1.5	20.0
PETN	Ave	146.8	135.6		92.4	100	-7.6	20.0
3,4-Dinitrotoluene	Ave	53.42	51.22		95.9	100	-4.1	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 320-14998/13 Calibration Date: 04/25/2013 10:19

Instrument ID: LC12 Calib Start Date: 02/13/2013 17:16

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 02/14/2013 00:54

Lab File ID: X000039.D

Analyte	RT	RT WINDOW	
		FROM	TO
Nitrobenzene	22.33	22.08	22.58
Ethylene glycol dinitrate	23.25	23.00	23.50
1,3-Dinitrobenzene	25.26	25.01	25.51
1,3,5-Trinitrobenzene	27.94	27.69	28.19
2-Nitrotoluene	29.53	29.28	29.78
4-Nitrotoluene	29.53	29.28	29.78
3-Nitrotoluene	30.13	29.88	30.38
3,5-Dinitroaniline	31.36	31.11	31.61
RDX	31.98	31.73	32.23
2,4-Dinitrotoluene	33.19	32.94	33.44
2,6-Dinitrotoluene	34.21	33.96	34.46
2-Amino-4,6-dinitrotoluene	36.32	36.07	36.57
4-Amino-2,6-dinitrotoluene	36.94	36.69	37.19
2,4,6-Trinitrotoluene	40.65	40.40	40.90
HMX	42.39	42.14	42.64
Nitroglycerin	44.90	44.65	45.15
Tetryl	46.60	46.35	46.85
PETN	53.16	52.91	53.41
3,4-Dinitrotoluene	38.67	38.42	38.92

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC12\20130424-4083.b\X000039.D
Lims ID: CCV 05 Client ID:
Inject. Date: 25-Apr-2013 10:19:52 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 320-0004083-013
Misc. Info.:
Operator: RN Instrument ID: LC12
Injection Vol: 500.0 ul ALS Bottle#: 6
Lims Batch ID: 14998 Lims Sample ID: 13
Sublist: chrom-LC12_Conf_8330*sub1

Method: \\SACChrom\ChromData\LC12\20130424-4083.b\LC12_Conf_8330.m
Last Update: 25-Apr-2013 12:16:40 Calib Date: 07-Mar-2013 16:35:05
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC12\20130307-3157.b\G000007.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Zorbax Cyano CN Column Dia: 4.60 mm
Process Host: XAWRK032

First Level Reviewer: noonanr Date: 25-Apr-2013 12:16:40

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
10 2,4,6-Trinitrophenol						
2	0.225	0.225	0.0	156	0	
1	0.081	0.081	0.0	86	0	
5 Nitrobenzene						
1	22.328	22.328	0.0	4897	101.3	
3 Ethylene glycol dinitrate						
2	23.251	23.251	0.0	2346	107.2	
24 1,3-Dinitrobenzene						
1	25.255	25.255	0.0	10544	99.4	
27 1,3,5-Trinitrobenzene						
1	27.938	27.938	0.0	7973	97.1	
16 o-Nitrotoluene						
1	29.528	29.528	0.0	6144	96.8	
15 p-Nitrotoluene						
1	29.528	29.528	0.0	6144	96.8	
8 m-Nitrotoluene						
1	30.125	30.125	0.0	4090	96.5	
9 3,5-Dinitroaniline						
1	31.361	31.361	0.0	8201	99.6	
19 RDX						
1	31.978	31.978	0.0	4684	95.5	
23 2,4-Dinitrotoluene						
1	33.188	33.188	0.0	9025	102.2	
12 2,6-Dinitrotoluene						
1	34.211	34.211	0.0	5371	100.2	
6 2-Amino-4,6-dinitrotoluene						
1	36.315	36.315	0.0	7245	97.4	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
26 4-Amino-2,6-dinitrotoluene						
1	36.941	36.941	0.0	6652	94.6	
$ 30 3,4-Dinitrotoluene						
1	38.668	38.668	0.0	5122	95.9	
25 2,4,6-Trinitrotoluene						
1	40.645	40.645	0.0	8324	94.7	
11 HMX						
1	42.388	42.388	0.0	6299	96.5	
7 Nitroglycerin						
2	44.895	44.895	0.0	8648	94.5	
20 Tetryl						
1	46.598	46.598	0.0	12068	101.5	
21 PETN						
2	53.155	53.155	0.0	13563	92.4	

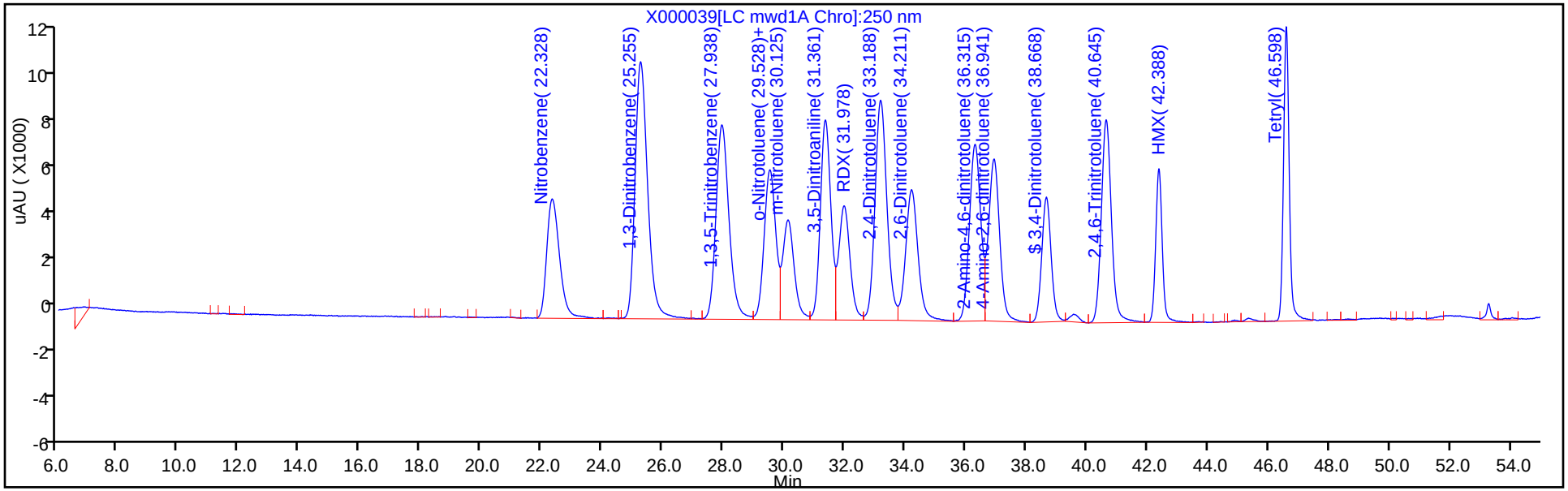
Report Date: 25-Apr-2013 12:16:41 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

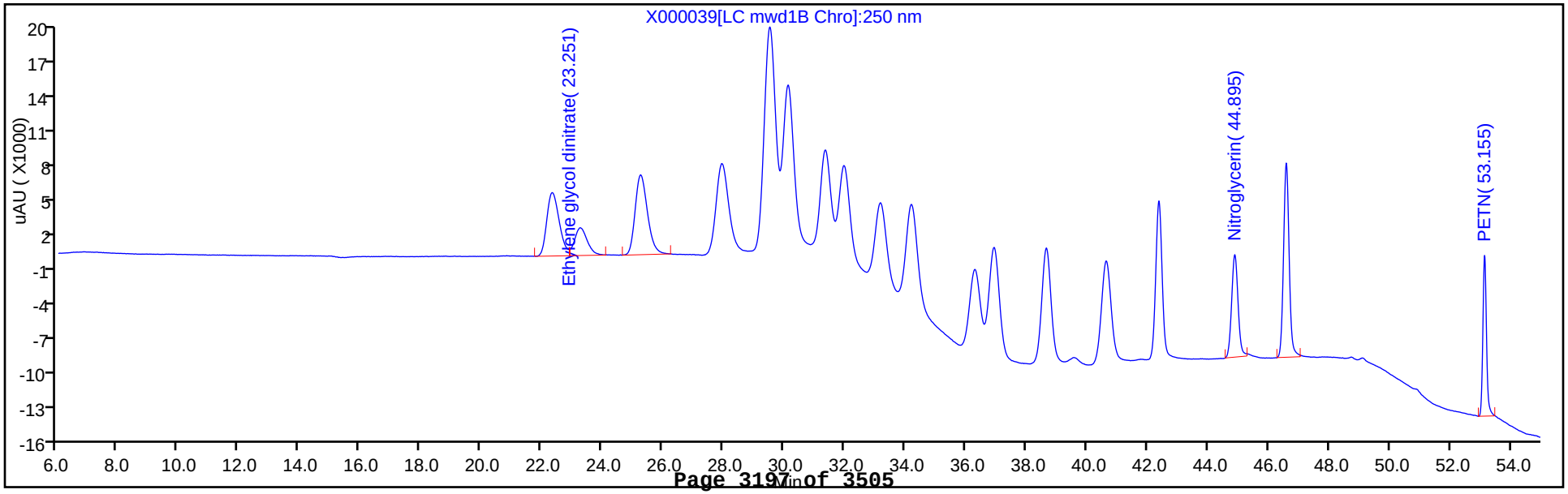
Data File: \\SACChrom\ChromData\LC12\20130424-4083.b\X000039.D

Injection Date:	25-Apr-2013 10:19:52	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	14998	Lims Sample ID:	13
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 320-14998/23 Calibration Date: 04/25/2013 21:20

Instrument ID: LC12 Calib Start Date: 02/13/2013 17:16

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 02/14/2013 00:54

Lab File ID: X000049.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitrobenzene	Ave	48.34	48.01		99.3	100	-0.7	20.0
Ethylene glycol dinitrate	Ave	21.88	23.50		107	100	7.4	20.0
1,3-Dinitrobenzene	Ave	106.1	105.0		99.0	100	-1.0	20.0
1,3,5-Trinitrobenzene	Ave	82.14	79.65		97.0	100	-3.0	20.0
2-Nitrotoluene	Ave	63.47	60.02		94.6	100	-5.4	20.0
4-Nitrotoluene	Ave	63.47	60.02		94.6	100	-5.4	20.0
3-Nitrotoluene	Ave	42.38	40.21		94.9	100	-5.1	20.0
3,5-Dinitroaniline	Ave	82.33	81.76		99.3	100	-0.7	20.0
RDX	Ave	49.04	46.31		94.4	100	-5.6	20.0
2,4-Dinitrotoluene	Ave	88.34	89.61		101	100	1.4	20.0
2,6-Dinitrotoluene	Ave	53.63	53.10		99.0	100	-1.0	20.0
2-Amino-4,6-dinitrotoluene	Ave	74.40	72.56		97.5	100	-2.5	20.0
4-Amino-2,6-dinitrotoluene	Ave	70.31	67.02		95.3	100	-4.7	20.0
2,4,6-Trinitrotoluene	Ave	87.92	84.09		95.6	100	-4.4	20.0
HMX	Ave	65.31	62.80		96.2	100	-3.8	20.0
Nitroglycerin	Ave	91.50	86.49		94.5	100	-5.5	20.0
Tetryl	Ave	118.9	121.3		102	100	2.0	20.0
PETN	Ave	146.8	139.8		95.3	100	-4.7	20.0
3,4-Dinitrotoluene	Ave	53.42	51.27		96.0	100	-4.0	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCV 320-14998/23 Calibration Date: 04/25/2013 21:20

Instrument ID: LC12 Calib Start Date: 02/13/2013 17:16

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 02/14/2013 00:54

Lab File ID: X000049.D

Analyte	RT	RT WINDOW	
		FROM	TO
Nitrobenzene	22.38	22.13	22.63
Ethylene glycol dinitrate	23.30	23.05	23.55
1,3-Dinitrobenzene	25.31	25.06	25.56
1,3,5-Trinitrobenzene	28.00	27.75	28.25
2-Nitrotoluene	29.61	29.36	29.86
4-Nitrotoluene	29.61	29.36	29.86
3-Nitrotoluene	30.21	29.96	30.46
3,5-Dinitroaniline	31.43	31.18	31.68
RDX	32.05	31.80	32.30
2,4-Dinitrotoluene	33.28	33.03	33.53
2,6-Dinitrotoluene	34.31	34.06	34.56
2-Amino-4,6-dinitrotoluene	36.42	36.17	36.67
4-Amino-2,6-dinitrotoluene	37.04	36.79	37.29
2,4,6-Trinitrotoluene	40.74	40.49	40.99
HMX	42.45	42.20	42.70
Nitroglycerin	44.97	44.72	45.22
Tetryl	46.66	46.41	46.91
PETN	53.14	52.89	53.39
3,4-Dinitrotoluene	38.77	38.52	39.02

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20130424-4083.b\X000049.D		
Lims ID:	CCV 05	Client ID:	
Inject. Date:	25-Apr-2013 21:20:54	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	320-0004083-023		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	6
Lims Batch ID:	14998	Lims Sample ID:	23
Sublist:	chrom-LC12_Conf_8330*sub1		
Method:	\\SACChrom\ChromData\LC12\20130424-4083.b\LC12_Conf_8330.m		
Last Update:	26-Apr-2013 09:47:01	Calib Date:	07-Mar-2013 16:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20130307-3157.b\G000007.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK019		

First Level Reviewer: noonanr Date: 26-Apr-2013 09:47:01

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	22.383	22.383	0.0	4801	99.3	
3 Ethylene glycol dinitrate						
2	23.303	23.303	0.0	2350	107.4	
24 1,3-Dinitrobenzene						
1	25.313	25.313	0.0	10500	99.0	
27 1,3,5-Trinitrobenzene						
1	28.000	28.000	0.0	7965	97.0	
16 o-Nitrotoluene						
1	29.610	29.610	0.0	6002	94.6	
15 p-Nitrotoluene						
1	29.610	29.610	0.0	6002	94.6	
8 m-Nitrotoluene						
1	30.210	30.210	0.0	4021	94.9	
9 3,5-Dinitroaniline						
1	31.433	31.433	0.0	8176	99.3	
19 RDX						
1	32.050	32.050	0.0	4631	94.4	
23 2,4-Dinitrotoluene						
1	33.283	33.283	0.0	8961	101.4	
12 2,6-Dinitrotoluene						
1	34.313	34.313	0.0	5310	99.0	
6 2-Amino-4,6-dinitrotoluene						
1	36.416	36.416	0.0	7256	97.5	
26 4-Amino-2,6-dinitrotoluene						
1	37.040	37.040	0.0	6702	95.3	
$ 30 3,4-Dinitrotoluene						
1	38.766	38.766	0.0	5127	96.0	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
25 2,4,6-Trinitrotoluene						
1	40.740	40.740	0.0	8409	95.6	
11 HMX						
1	42.446	42.446	0.0	6280	96.2	
7 Nitroglycerin						
2	44.966	44.966	0.0	8649	94.5	
20 Tetryl						
1	46.663	46.663	0.0	12128	102.0	
21 PETN						
2	53.143	53.143	0.0	13979	95.3	

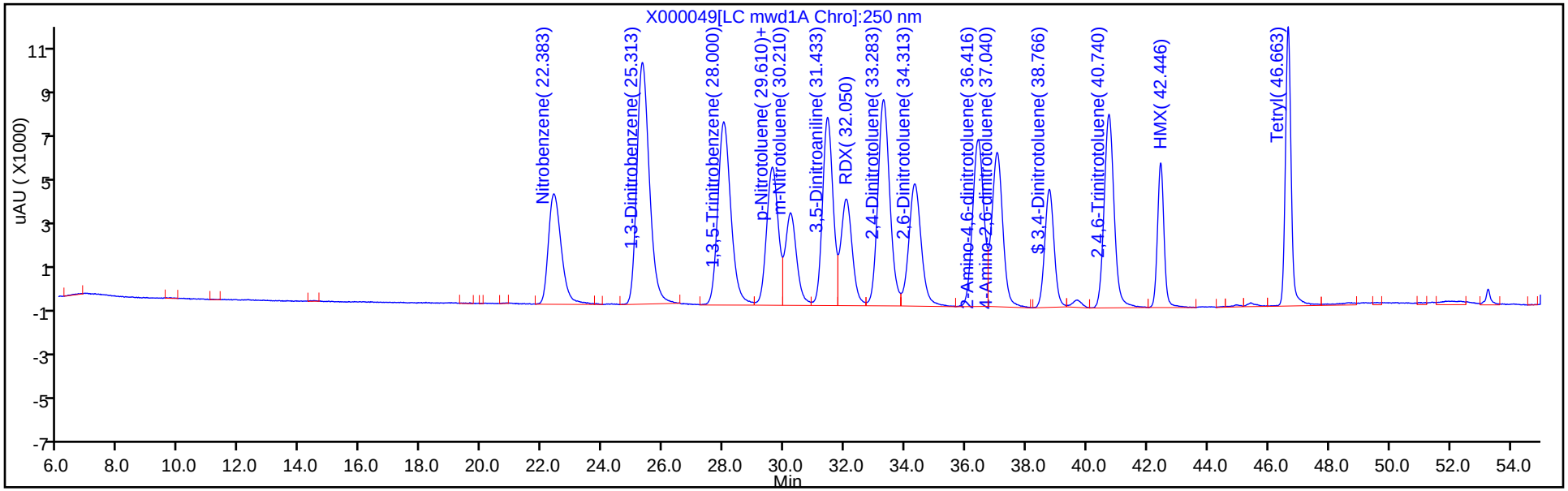
Report Date: 26-Apr-2013 09:47:01 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

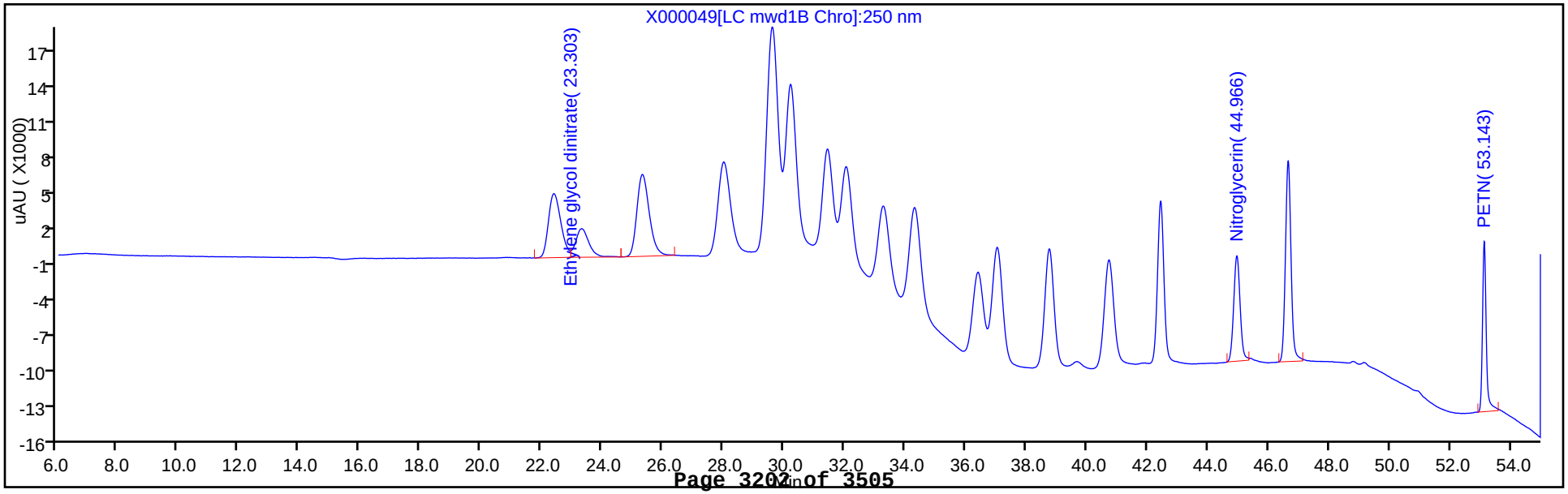
Data File: \\SACChrom\ChromData\LC12\20130424-4083.b\X000049.D

Injection Date:	25-Apr-2013 21:20:54	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	14998	Lims Sample ID:	23
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCVL 320-14998/36 Calibration Date: 04/26/2013 20:29

Instrument ID: LC12 Calib Start Date: 02/13/2013 17:16

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 02/14/2013 00:54

Lab File ID: X000070.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitrobenzene	Ave	48.34	48.00		4.96	5.00	-0.7	20.0
1,3-Dinitrobenzene	Ave	106.1	107.4		5.06	5.00	1.3	20.0
1,3,5-Trinitrobenzene	Ave	82.14	85.00		5.17	5.00	3.5	20.0
2-Nitrotoluene	Ave	63.47	63.20		4.98	5.00	-0.4	20.0
4-Nitrotoluene	Ave	63.47	63.20		4.98	5.00	-0.4	20.0
3-Nitrotoluene	Ave	42.38	45.80		5.40	5.00	8.1	20.0
3,5-Dinitroaniline	Ave	82.33	96.00		5.83	5.00	16.6	20.0
RDX	Ave	49.04	58.80		6.00	5.00	19.9	20.0
2,4-Dinitrotoluene	Ave	88.34	92.80		5.25	5.00	5.0	20.0
2,6-Dinitrotoluene	Ave	53.63	56.60		5.28	5.00	5.5	20.0
2-Amino-4,6-dinitrotoluene	Ave	74.40	70.00		4.70	5.00	-5.9	20.0
4-Amino-2,6-dinitrotoluene	Ave	70.31	65.40		4.65	5.00	-7.0	20.0
2,4,6-Trinitrotoluene	Ave	87.92	86.00		4.89	5.00	-2.2	20.0
HMX	Ave	65.31	65.60		5.02	5.00	0.4	20.0
Nitroglycerin	Ave	91.50	89.45		19.6	20.0	-2.2	20.0
Tetryl	Ave	118.9	120.4		5.06	5.00	1.2	20.0
PETN	Ave	146.8	135.9		18.5	20.0	-7.4	20.0
3,4-Dinitrotoluene	Ave	53.42	52.65		19.7	20.0	-1.4	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Lab Sample ID: CCVL 320-14998/36 Calibration Date: 04/26/2013 20:29

Instrument ID: LC12 Calib Start Date: 02/13/2013 17:16

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 02/14/2013 00:54

Lab File ID: X000070.D

Analyte	RT	RT WINDOW	
		FROM	TO
Nitrobenzene	22.43	22.18	22.68
1,3-Dinitrobenzene	25.36	25.11	25.61
1,3,5-Trinitrobenzene	28.09	27.84	28.34
2-Nitrotoluene	29.65	29.40	29.90
4-Nitrotoluene	29.65	29.40	29.90
3-Nitrotoluene	30.26	30.01	30.51
3,5-Dinitroaniline	31.51	31.26	31.76
RDX	32.14	31.89	32.39
2,4-Dinitrotoluene	33.34	33.09	33.59
2,6-Dinitrotoluene	34.41	34.16	34.66
2-Amino-4,6-dinitrotoluene	36.50	36.25	36.75
4-Amino-2,6-dinitrotoluene	37.15	36.90	37.40
2,4,6-Trinitrotoluene	40.84	40.59	41.09
HMX	42.52	42.27	42.77
Nitroglycerin	45.03	44.78	45.28
Tetryl	46.72	46.47	46.97
PETN	53.23	52.98	53.48
3,4-Dinitrotoluene	38.85	38.60	39.10

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20130424-4083.b\X000070.D		
Lims ID:	CCVL	Client ID:	
Inject. Date:	26-Apr-2013 20:29:22	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	320-0004083-036		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	8
Lims Batch ID:	14998	Lims Sample ID:	36
Sublist:	chrom-LC12_Conf_8330*sub4		
Method:	\\SACChrom\ChromData\LC12\20130424-4083.b\LC12_Conf_8330.m		
Last Update:	29-Apr-2013 08:08:07	Calib Date:	07-Mar-2013 16:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20130307-3157.b\G000007.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK023		

First Level Reviewer: noonanr Date: 29-Apr-2013 08:08:07

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	22.430	22.430	0.0	240	4.96	
24 1,3-Dinitrobenzene						
1	25.357	25.357	0.0	537	5.06	
27 1,3,5-Trinitrobenzene						
1	28.094	28.094	0.0	425	5.17	
16 o-Nitrotoluene						
1	29.647	29.647	0.0	316	4.98	
15 p-Nitrotoluene						
1	29.647	29.647	0.0	316	4.98	
8 m-Nitrotoluene						
1	30.257	30.257	0.0	229	5.40	
9 3,5-Dinitroaniline						
1	31.514	31.514	0.0	480	5.83	
19 RDX						
1	32.144	32.144	0.0	294	6.00	
23 2,4-Dinitrotoluene						
1	33.337	33.337	0.0	464	5.25	
12 2,6-Dinitrotoluene						
1	34.410	34.410	0.0	283	5.28	
6 2-Amino-4,6-dinitrotoluene						
1	36.497	36.497	0.0	350	4.70	
26 4-Amino-2,6-dinitrotoluene						
1	37.147	37.147	0.0	327	4.65	
$ 30 3,4-Dinitrotoluene						
1	38.847	38.847	0.0	1053	19.7	
25 2,4,6-Trinitrotoluene						
1	40.844	40.844	0.0	430	4.89	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	42.517	42.517	0.0	328	5.02	
7 Nitroglycerin						
2	45.034	45.034	0.0	1789	19.6	
20 Tetryl						
1	46.720	46.720	0.0	602	5.06	
21 PETN						
2	53.230	53.230	0.0	2717	18.5	

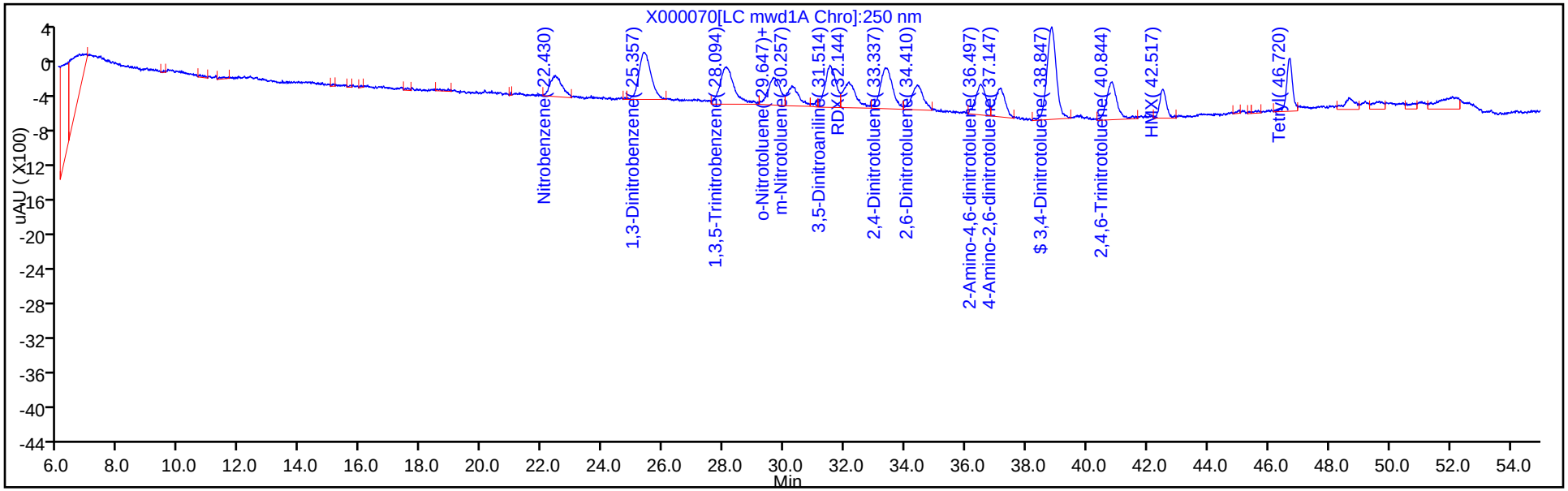
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TestAmerica Sacramento

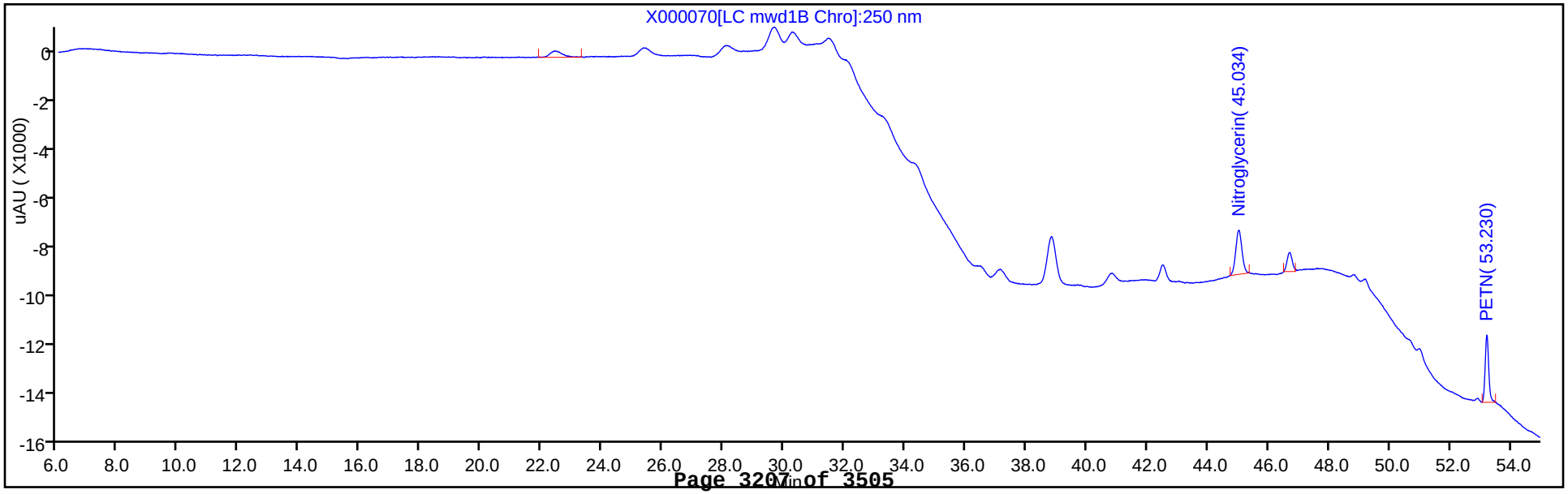
Data File: \\SACChrom\ChromData\LC12\20130424-4083.b\X000070.D

Injection Date:	26-Apr-2013 20:29:22	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	14998	Lims Sample ID:	36
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 320-14065/1-A

Matrix: Solid Lab File ID: S000014.D

Analysis Method: 8330B Date Collected:

Extraction Method: 8330B Date Extracted: 04/11/2013 08:24

Sample wt/vol: 10.00(g) Date Analyzed: 04/19/2013 18:45

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 14706 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.013
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.010
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0073
2691-41-0	HMX	0.050	U	0.25	0.050	0.012
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.018
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.016
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
78-11-5	PETN	0.25	U	0.50	0.25	0.025
121-82-4	RDX	0.050	U	0.25	0.050	0.012
479-45-8	Tetryl	0.050	U	0.25	0.050	0.010
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.010
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	93		78-118

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20130419-4003.b\S000014.D		
Lims ID:	MB 320-14065/1-A	Client ID:	
Inject. Date:	19-Apr-2013 18:45:38	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	320-0004003-001		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	21
Lims Batch ID:	14706	Lims Sample ID:	1
Method:	\\SACChrom\ChromData\LC10\20130419-4003.b\8330_LC10.m		
Last Update:	23-Apr-2013 13:35:03	Calib Date:	19-Apr-2013 15:51:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK035		

First Level Reviewer: noonanr Date: 23-Apr-2013 13:35:03

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
$ 30 3,4-Dinitrotoluene						
1	16.363	16.271	0.092	3336	58.3	
2	16.359	16.274	0.085	6378	59.5	

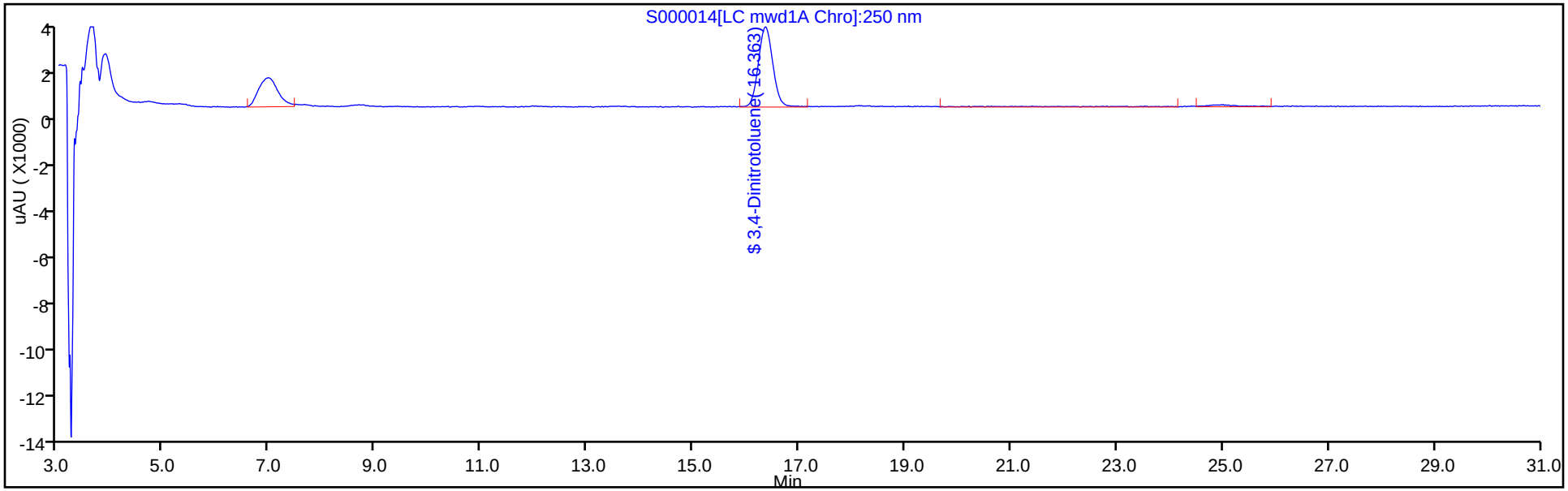
Report Date: 23-Apr-2013 13:35:04 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

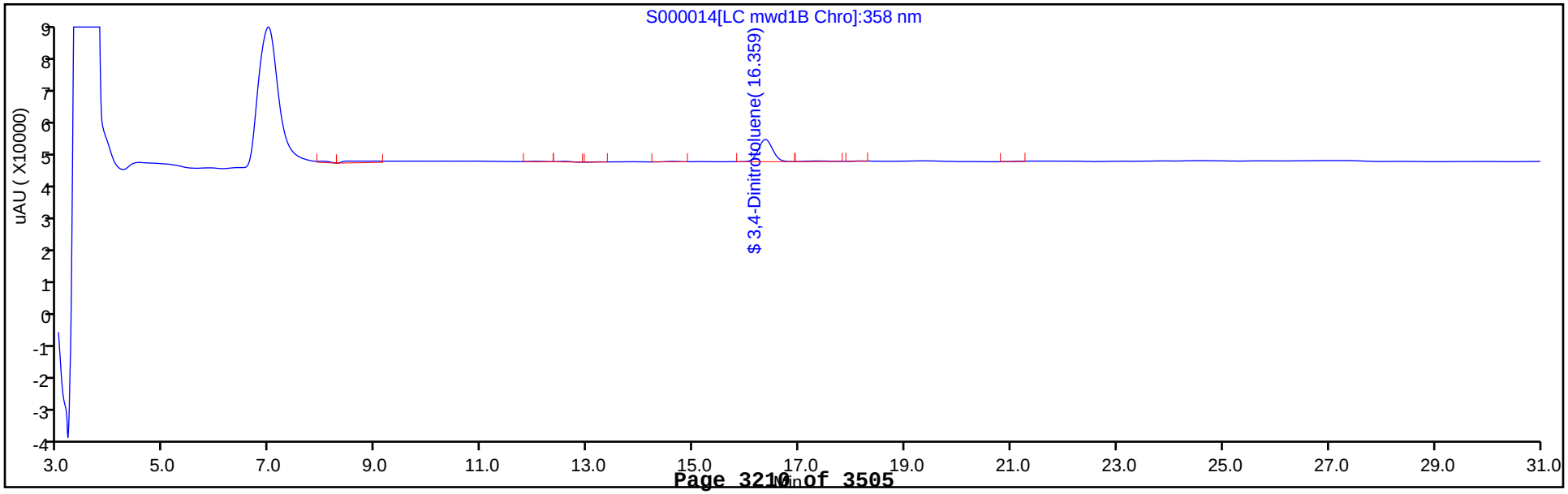
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Injection Date:	19-Apr-2013 18:45:38	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14706	Lims Sample ID:	1
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 320-14065/1-A

Matrix: Solid Lab File ID: X000037.D

Analysis Method: 8330B Date Collected:

Extraction Method: 8330B Date Extracted: 04/11/2013 08:24

Sample wt/vol: 10.00(g) Date Analyzed: 04/25/2013 08:07

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Zorbax CN ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 14998 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.013
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.010
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0073
2691-41-0	HMX	0.050	U	0.25	0.050	0.012
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.018
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.016
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
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	0.0121	J	0.25	0.050	0.010
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.010
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	121	*M Q*	78-118

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20130424-4083.b\X000037.D		
Lims ID:	MB 320-14065/1-A	Client ID:	
Inject. Date:	25-Apr-2013 08:07:29	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	320-0004083-011		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	37
Lims Batch ID:	14998	Lims Sample ID:	11
Method:	\\SACChrom\ChromData\LC12\20130424-4083.b\LC12_Conf_8330.m		
Last Update:	25-Apr-2013 12:21:23	Calib Date:	07-Mar-2013 16:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20130307-3157.b\G000007.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK032		

First Level Reviewer: noonanr Date: 25-Apr-2013 12:21:23

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
10 2,4,6-Trinitrophenol						
2	0.183	0.094	0.089	192	0	
1	0.183	0.094	0.089	184	0	
$ 30 3,4-Dinitrotoluene						M
1	38.566	38.623	-0.057	4038	75.6	M
20 Tetryl						
1	46.486	46.586	-0.100	180	1.51	

QC Flag Legend

Review Flags
M - Manually Integrated

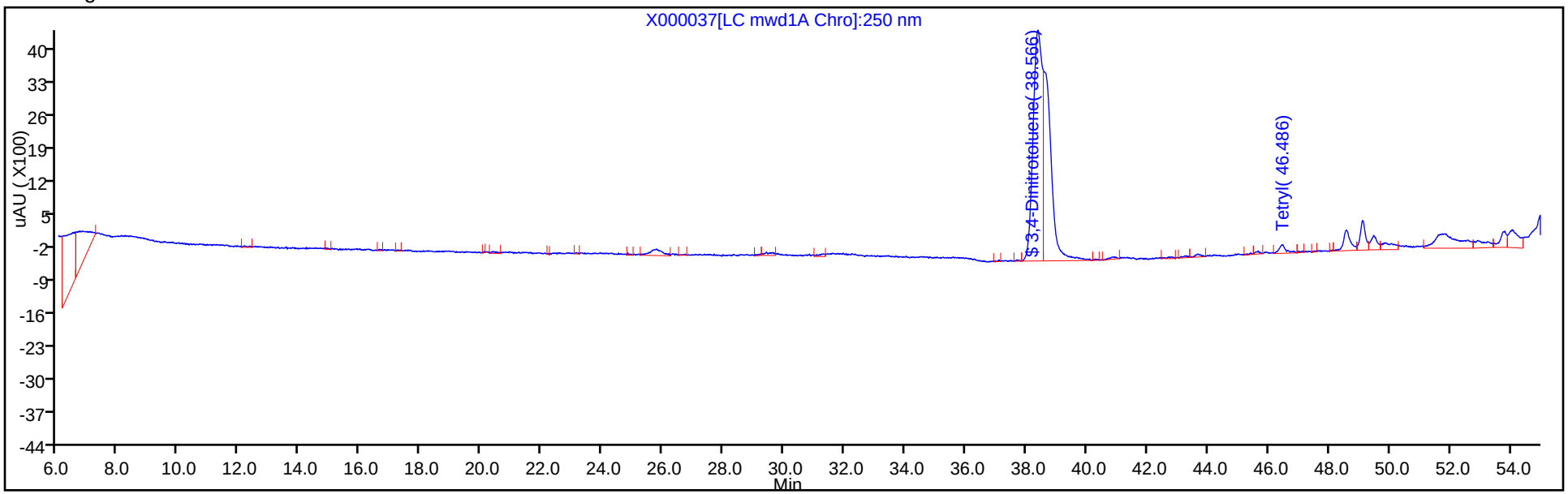
Report Date: 25-Apr-2013 12:21:23 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

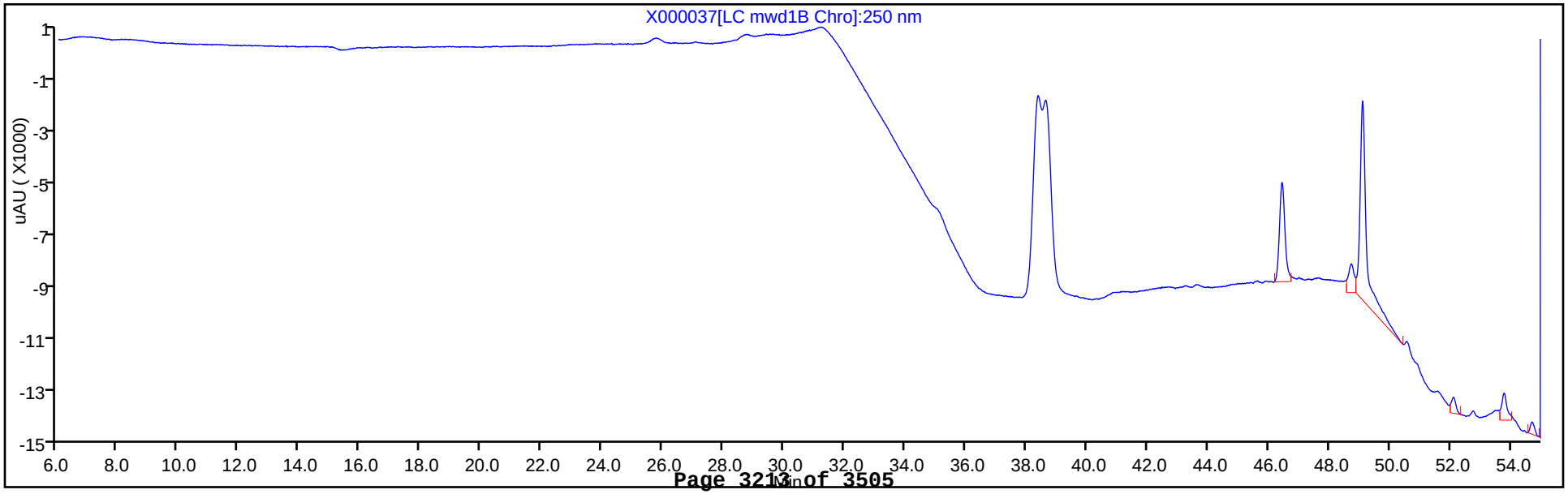
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Injection Date:	25-Apr-2013 08:07:29	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	14998	Lims Sample ID:	11
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Report Date: 25-Apr-2013 12:21:23 Chrom Revision: 2.1 07-Apr-2013 20:36:54

Manual Integration/User Assign Peak Report

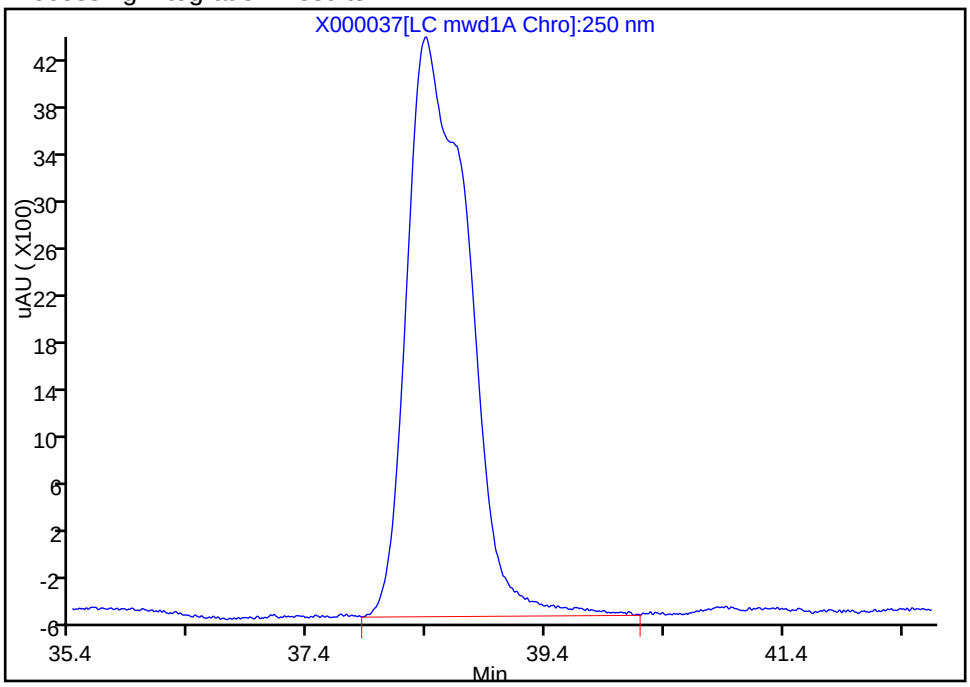
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC12\20130424-4083.b\X000037.D		
Injection Date:	25-Apr-2013 08:07:29	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	14998	Lims Sample ID:	11
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

$ 30 3,4-Dinitrotoluene, Signal: 1, Type: quant, RT: 38.62, Det: LC mwd1A

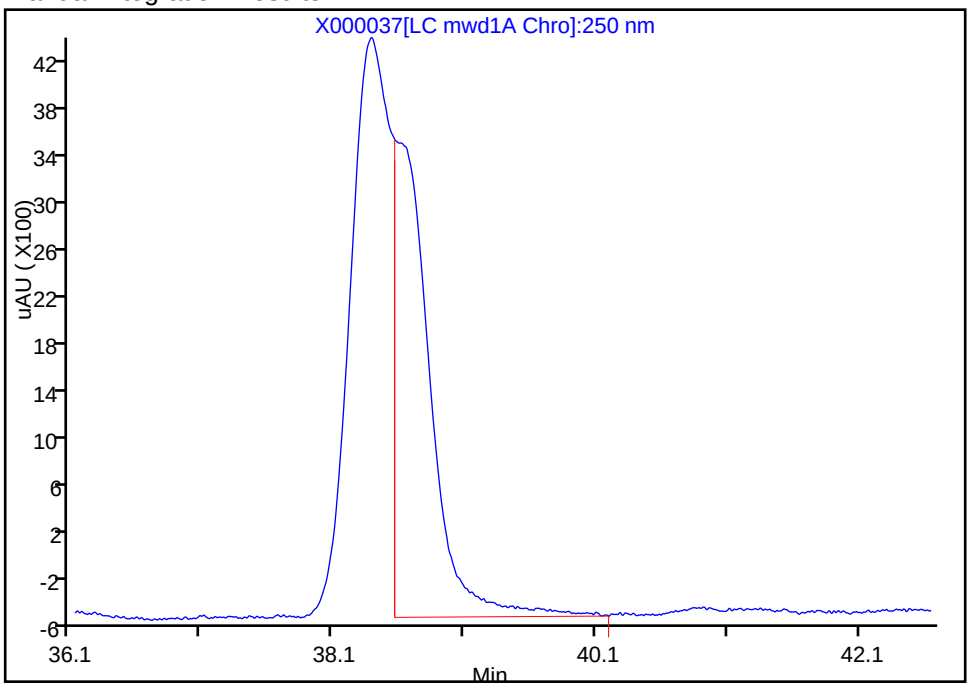
Processing Integration Results

RT: 38.39
Response: 4896
Amount: 91.655928



Manual Integration Results

RT: 38.57
Response: 4038
Amount: 75.593676



Reviewer: noonanr, 25-Apr-2013 12:21:23
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 320-14065/2-A

Matrix: Solid Lab File ID: S000015.D

Analysis Method: 8330B Date Collected:

Extraction Method: 8330B Date Extracted: 04/11/2013 08:24

Sample wt/vol: 10.00(g) Date Analyzed: 04/19/2013 19:29

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 14706 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.486		0.25	0.050	0.013
19406-51-0	4-Amino-2,6-dinitrotoluene	0.498		0.25	0.050	0.010
99-65-0	1,3-Dinitrobenzene	0.499		0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.484		0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.484		0.25	0.050	0.0073
2691-41-0	HMX	0.496		0.25	0.050	0.012
98-95-3	Nitrobenzene	0.498		0.25	0.050	0.018
55-63-0	Nitroglycerin	0.942		0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.478		0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.486		0.25	0.050	0.016
99-99-0	4-Nitrotoluene	0.480		0.25	0.050	0.018
78-11-5	PETN	0.948		0.50	0.25	0.025
121-82-4	RDX	0.484		0.25	0.050	0.012
479-45-8	Tetryl	0.430		0.25	0.050	0.010
99-35-4	1,3,5-Trinitrobenzene	0.496		0.25	0.050	0.010
118-96-7	2,4,6-Trinitrotoluene	0.438		0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	96		78-118

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20130419-4003.b\S000015.D
Lims ID: LCS 320-14065/2-A Client ID:
Inject. Date: 19-Apr-2013 19:29:15 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 320-0004003-002
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 22
Lims Batch ID: 14706 Lims Sample ID: 2

Method: \\SACChrom\ChromData\LC10\20130419-4003.b\8330_LC10.m
Last Update: 22-Apr-2013 09:55:39 Calib Date: 19-Apr-2013 15:51:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK024

First Level Reviewer: shafern Date: 22-Apr-2013 08:05:47

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.186	5.177	0.009	7772	62.0	
19 RDX						
1	7.426	7.397	0.029	5500	60.4	
27 1,3,5-Trinitrobenzene						
1	9.680	9.644	0.036	10149	62.1	
24 1,3-Dinitrobenzene						
1	12.266	12.211	0.055	10112	62.3	
9 3,5-Dinitroaniline						
1	13.006	12.941	0.065	6459	62.3	
20 Tetryl						
1	13.286	13.221	0.065	5091	53.8	
5 Nitrobenzene						
1	13.950	13.884	0.066	4440	62.2	
7 Nitroglycerin						
2	14.493	14.418	0.075	8279	117.7	
25 2,4,6-Trinitrotoluene						
1	15.366	15.291	0.075	5228	54.8	
26 4-Amino-2,6-dinitrotoluene						
1	15.943	15.838	0.105	4883	62.3	
$ 30 3,4-Dinitrotoluene						
1	16.366	16.271	0.095	3423	59.8	
2	16.366	16.274	0.092	6528	60.9	
6 2-Amino-4,6-dinitrotoluene						
1	16.910	16.801	0.109	5108	60.8	
12 2,6-Dinitrotoluene						
1	18.420	18.308	0.112	3617	60.4	
23 2,4-Dinitrotoluene						
1	19.060	18.948	0.112	5977	60.5	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
16 o-Nitrotoluene						
1	22.276	22.151	0.125	2536	59.7	
15 p-Nitrotoluene						
1	23.900	23.768	0.132	3189	60.1	
8 m-Nitrotoluene						
1	25.716	25.564	0.152	3159	60.7	
21 PETN						
2	27.630	27.491	0.139	4662	118.5	

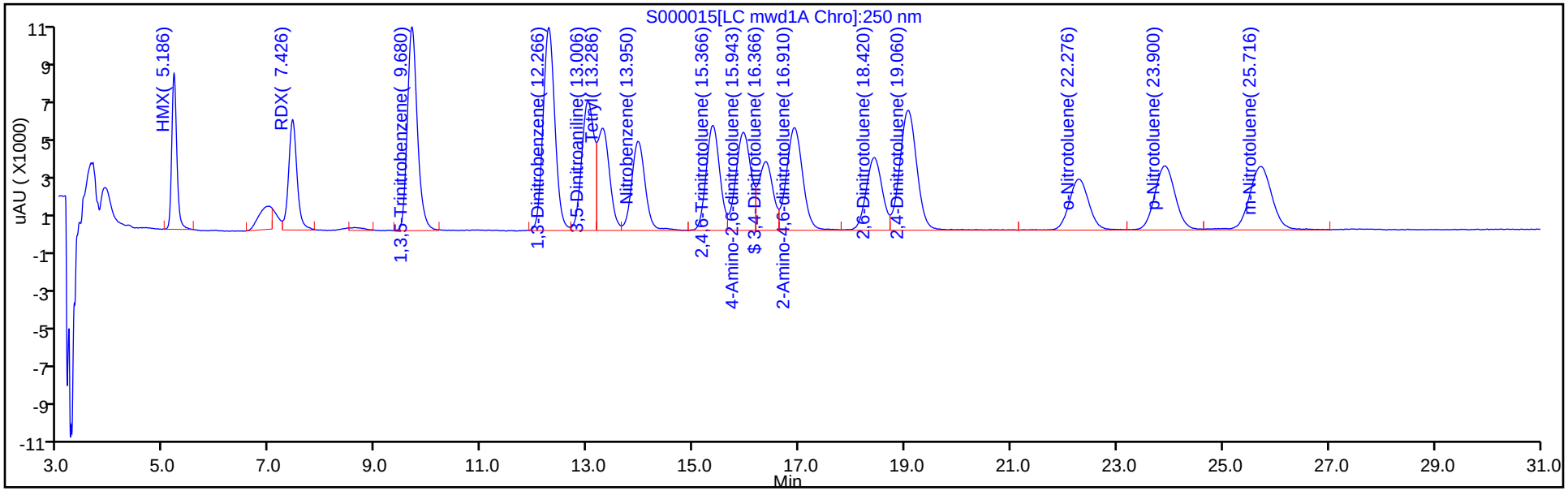
Report Date: 22-Apr-2013 09:55:46 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

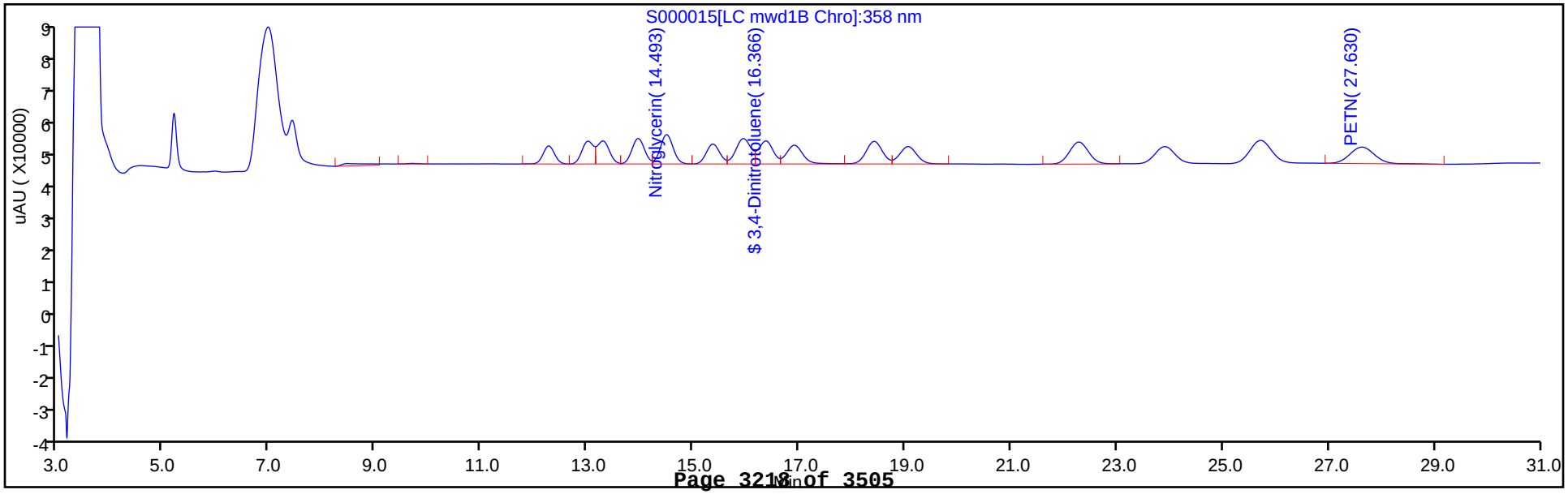
Data File: \\SACChrom\ChromData\LC10\20130419-4003.b\S000015.D

Injection Date:	19-Apr-2013 19:29:15	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14706	Lims Sample ID:	2
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Client Sample ID: 079SB-0014M-0001-SO MS Lab Sample ID: 240-22663-4 MS

Matrix: Solid Lab File ID: S000026.D

Analysis Method: 8330B Date Collected: 04/01/2013 10:12

Extraction Method: 8330B Date Extracted: 04/11/2013 08:24

Sample wt/vol: 10.05(g) Date Analyzed: 04/20/2013 03:29

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 14706 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.484		0.25	0.050	0.012
19406-51-0	4-Amino-2,6-dinitrotoluene	0.499		0.25	0.050	0.010
99-65-0	1,3-Dinitrobenzene	0.505		0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.487		0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.503		0.25	0.050	0.0073
2691-41-0	HMX	0.488		0.25	0.050	0.012
98-95-3	Nitrobenzene	0.506		0.25	0.050	0.018
55-63-0	Nitroglycerin	0.946		0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.480		0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.485		0.25	0.050	0.015
99-99-0	4-Nitrotoluene	0.482		0.25	0.050	0.018
78-11-5	PETN	0.967		0.50	0.25	0.025
121-82-4	RDX	0.448		0.25	0.050	0.012
479-45-8	Tetryl	0.433		0.25	0.050	0.010
99-35-4	1,3,5-Trinitrobenzene	0.506		0.25	0.050	0.010
118-96-7	2,4,6-Trinitrotoluene	0.443		0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	97		78-118

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20130419-4003.b\S000026.D
Lims ID: 240-22663-F-4-B MS Client ID:
Inject. Date: 20-Apr-2013 03:29:23 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 320-0004003-013
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 32
Lims Batch ID: 14706 Lims Sample ID: 13

Method: \\SACChrom\ChromData\LC10\20130419-4003.b\8330_LC10.m
Last Update: 22-Apr-2013 09:55:32 Calib Date: 19-Apr-2013 15:51:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK024

First Level Reviewer: shafern Date: 22-Apr-2013 08:13:00

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.180	5.183	-0.003	7696	61.3	
19 RDX						
1	7.407	7.413	-0.006	5119	56.3	
27 1,3,5-Trinitrobenzene						
1	9.660	9.663	-0.003	10396	63.6	
24 1,3-Dinitrobenzene						
1	12.237	12.247	-0.010	10288	63.4	
9 3,5-Dinitroaniline						
1	12.971	12.983	-0.012	6434	62.1	
20 Tetryl						
1	13.254	13.267	-0.013	5147	54.4	
5 Nitrobenzene						
1	13.921	13.933	-0.012	4536	63.6	
7 Nitroglycerin						
2	14.451	14.470	-0.019	8359	118.9	
25 2,4,6-Trinitrotoluene						
1	15.324	15.340	-0.016	5313	55.7	
26 4-Amino-2,6-dinitrotoluene						
1	15.891	15.907	-0.016	4910	62.7	
$ 30 3,4-Dinitrotoluene						
1	16.324	16.340	-0.016	3471	60.7	
2	16.324	16.343	-0.019	6489	60.6	
6 2-Amino-4,6-dinitrotoluene						
1	16.854	16.877	-0.023	5114	60.9	
12 2,6-Dinitrotoluene						
1	18.354	18.377	-0.023	3778	63.1	
23 2,4-Dinitrotoluene						
1	19.001	19.023	-0.022	6047	61.2	

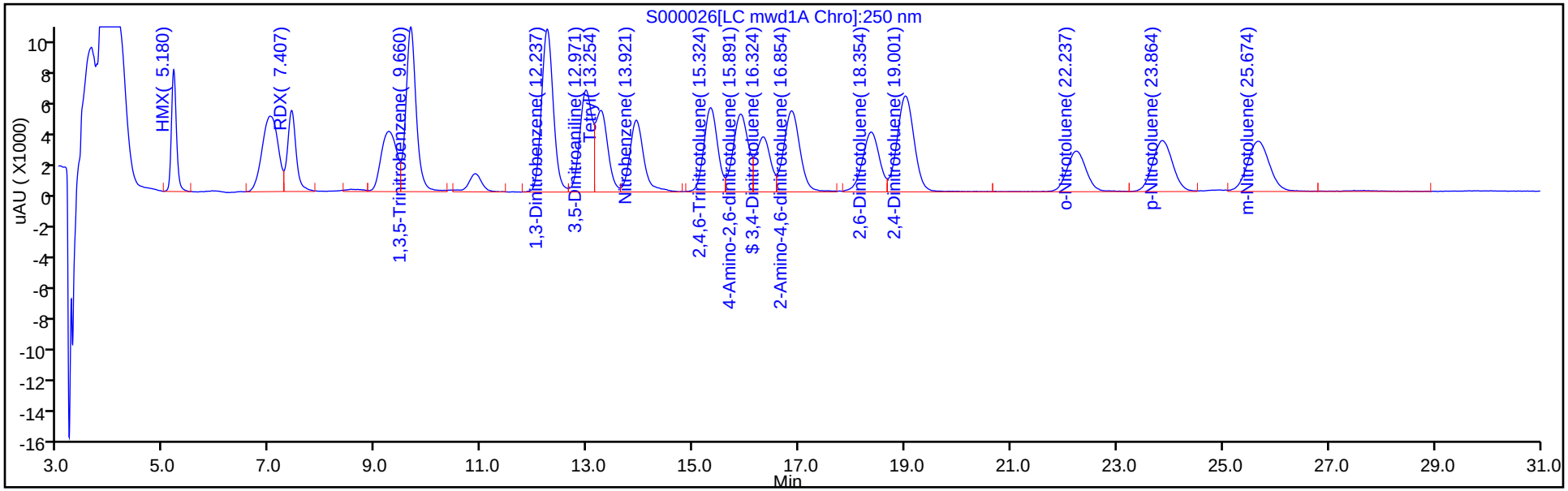
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
16 o-Nitrotoluene						
1	22.237	22.240	-0.003	2559	60.3	
15 p-Nitrotoluene						
1	23.864	23.877	-0.013	3217	60.6	
8 m-Nitrotoluene						
1	25.674	25.677	-0.003	3170	60.9	
21 PETN						
2	27.594	27.607	-0.013	4779	121.5	

Report Date: 22-Apr-2013 09:55:38 Chrom Revision: 2.1 07-Apr-2013 20:36:54

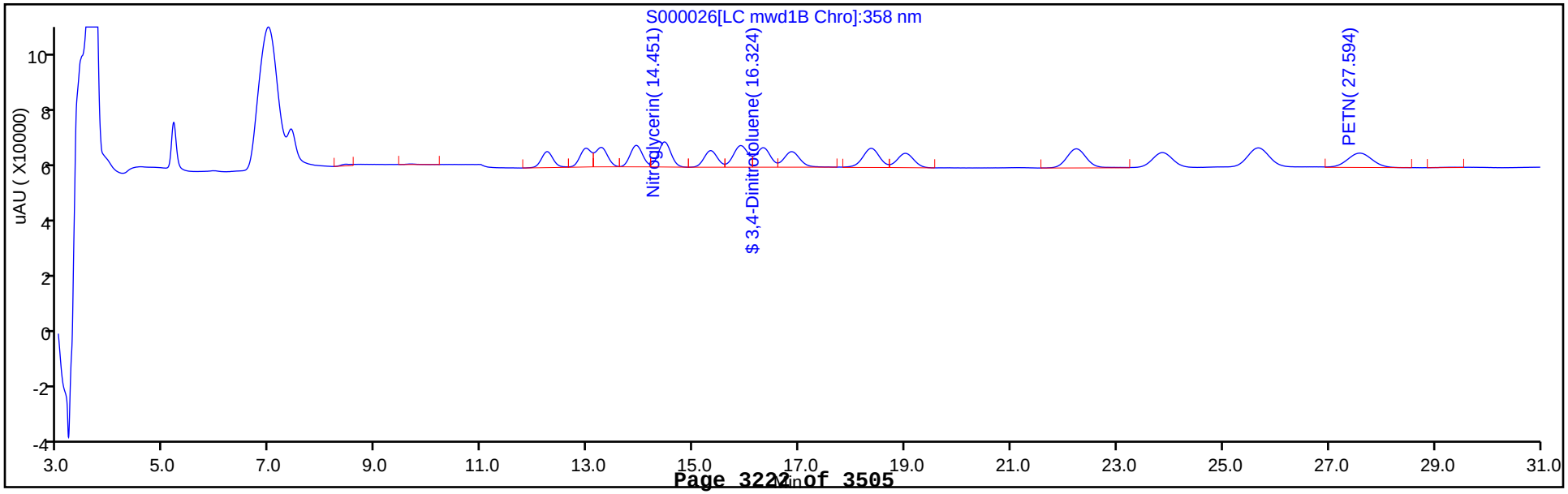
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC10\20130419-4003.b\S000026.D		
Injection Date:	20-Apr-2013 03:29:23	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14706	Lims Sample ID:	13
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Client Sample ID: 079SB-0014M-0001-SO MSD Lab Sample ID: 240-22663-4 MSD

Matrix: Solid Lab File ID: S000027.D

Analysis Method: 8330B Date Collected: 04/01/2013 10:12

Extraction Method: 8330B Date Extracted: 04/11/2013 08:24

Sample wt/vol: 10.03(g) Date Analyzed: 04/20/2013 04:13

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 14706 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.486		0.25	0.050	0.012
19406-51-0	4-Amino-2,6-dinitrotoluene	0.500		0.25	0.050	0.010
99-65-0	1,3-Dinitrobenzene	0.505		0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.489		0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.502		0.25	0.050	0.0073
2691-41-0	HMX	0.491		0.25	0.050	0.012
98-95-3	Nitrobenzene	0.504		0.25	0.050	0.018
55-63-0	Nitroglycerin	0.919		0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.479		0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.490		0.25	0.050	0.015
99-99-0	4-Nitrotoluene	0.482		0.25	0.050	0.018
78-11-5	PETN	0.972		0.50	0.25	0.025
121-82-4	RDX	0.449		0.25	0.050	0.012
479-45-8	Tetryl	0.435		0.25	0.050	0.010
99-35-4	1,3,5-Trinitrobenzene	0.507		0.25	0.050	0.010
118-96-7	2,4,6-Trinitrotoluene	0.445		0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	97		78-118

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20130419-4003.b\S000027.D
Lims ID: 240-22663-F-4-C MSD Client ID:
Inject. Date: 20-Apr-2013 04:13:00 Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 320-0004003-014
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 33
Lims Batch ID: 14706 Lims Sample ID: 14

Method: \\SACChrom\ChromData\LC10\20130419-4003.b\8330_LC10.m
Last Update: 22-Apr-2013 09:55:32 Calib Date: 19-Apr-2013 15:51:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20130419-3998.b\S000010.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK024

First Level Reviewer: shafern Date: 22-Apr-2013 08:13:25

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.183	5.183	0.0	7722	61.6	
19 RDX						
1	7.417	7.413	0.004	5124	56.3	
27 1,3,5-Trinitrobenzene						
1	9.667	9.663	0.004	10402	63.6	
24 1,3-Dinitrobenzene						
1	12.247	12.247	0.0	10277	63.3	
9 3,5-Dinitroaniline						
1	12.980	12.983	-0.003	6420	61.9	
20 Tetryl						
1	13.267	13.267	0.0	5158	54.5	
5 Nitrobenzene						
1	13.930	13.933	-0.003	4509	63.2	
7 Nitroglycerin						
2	14.464	14.470	-0.006	8101	115.2	
25 2,4,6-Trinitrotoluene						
1	15.337	15.340	-0.003	5321	55.8	
26 4-Amino-2,6-dinitrotoluene						
1	15.904	15.907	-0.003	4915	62.7	
$ 30 3,4-Dinitrotoluene						
1	16.330	16.340	-0.010	3455	60.4	
2	16.334	16.343	-0.009	6521	60.9	
6 2-Amino-4,6-dinitrotoluene						
1	16.874	16.877	-0.003	5120	60.9	
12 2,6-Dinitrotoluene						
1	18.370	18.377	-0.007	3769	63.0	
23 2,4-Dinitrotoluene						
1	19.020	19.023	-0.003	6063	61.4	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
16 o-Nitrotoluene						
1	22.247	22.240	0.007	2550	60.1	
15 p-Nitrotoluene						
1	23.864	23.877	-0.013	3206	60.4	
8 m-Nitrotoluene						
1	25.664	25.677	-0.013	3193	61.4	
21 PETN						
2	27.584	27.607	-0.023	4795	121.9	

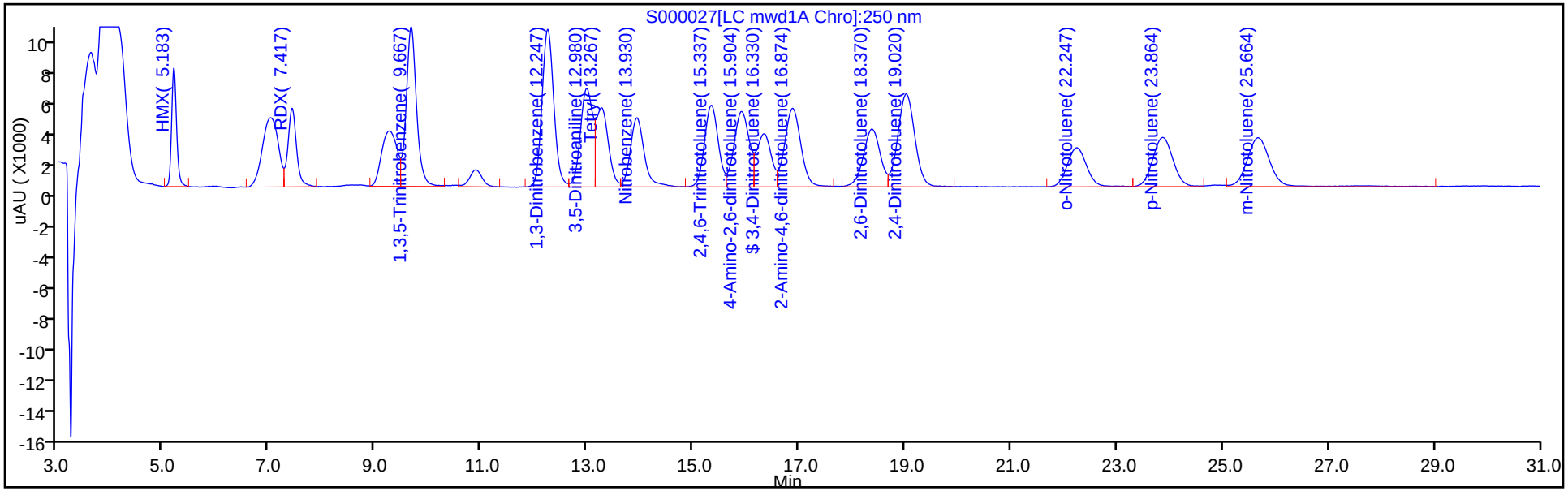
Report Date: 22-Apr-2013 09:55:37 Chrom Revision: 2.1 07-Apr-2013 20:36:54

TestAmerica Sacramento

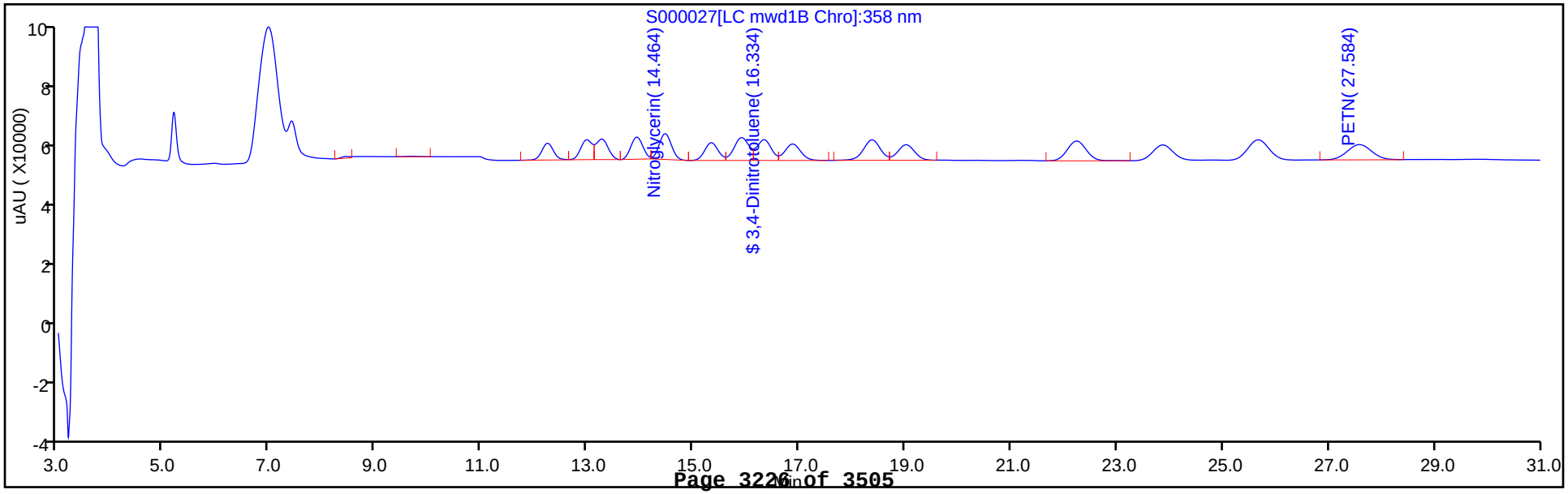
Data File: \\SACChrom\ChromData\LC10\20130419-4003.b\S000027.D

Injection Date:	20-Apr-2013 04:13:00	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	14706	Lims Sample ID:	14
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



HPLC/IC ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Instrument ID: LC10 Start Date: 04/19/2013 10:01

Analysis Batch Number: 14686 End Date: 04/19/2013 18:02

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/19/2013 10:01	1		Synergi C18 4.6(mm)
STD01 320-14686/2 IC		04/19/2013 10:45	1	S000003.D	Synergi C18 4.6(mm)
STD02 320-14686/3 IC		04/19/2013 11:29	1	S000004.D	Synergi C18 4.6(mm)
STD03 320-14686/4 IC		04/19/2013 12:12	1	S000005.D	Synergi C18 4.6(mm)
STD04 320-14686/5 IC		04/19/2013 12:56	1	S000006.D	Synergi C18 4.6(mm)
STD05 320-14686/6 IC		04/19/2013 13:40	1	S000007.D	Synergi C18 4.6(mm)
ICRT 320-14686/7		04/19/2013 14:23	1	S000008.D	Synergi C18 4.6(mm)
STD07 320-14686/8 IC		04/19/2013 15:07	1	S000009.D	Synergi C18 4.6(mm)
STD08 320-14686/9 IC		04/19/2013 15:51	1	S000010.D	Synergi C18 4.6(mm)
ZZZZZ		04/19/2013 16:34	1		Synergi C18 4.6(mm)
ICV 320-14686/11		04/19/2013 17:18	1	S000012.D	Synergi C18 4.6(mm)
LODV 320-14686/12		04/19/2013 18:02	1	S000013.D	Synergi C18 4.6(mm)

HPLC/IC ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Instrument ID: LC10 Start Date: 04/19/2013 18:45

Analysis Batch Number: 14706 End Date: 04/22/2013 22:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
MB 320-14065/1-A		04/19/2013 18:45	1	S000014.D	Synergi C18 4.6(mm)
LCS 320-14065/2-A		04/19/2013 19:29	1	S000015.D	Synergi C18 4.6(mm)
ZZZZZ		04/19/2013 20:12	1		Synergi C18 4.6(mm)
ZZZZZ		04/19/2013 20:56	1		Synergi C18 4.6(mm)
ZZZZZ		04/19/2013 21:40	1		Synergi C18 4.6(mm)
ZZZZZ		04/19/2013 22:23	1		Synergi C18 4.6(mm)
ZZZZZ		04/19/2013 23:07	1		Synergi C18 4.6(mm)
ZZZZZ		04/19/2013 23:51	1		Synergi C18 4.6(mm)
ZZZZZ		04/20/2013 00:34	1		Synergi C18 4.6(mm)
ZZZZZ		04/20/2013 01:18	1		Synergi C18 4.6(mm)
CCV 320-14706/11 CCVRT		04/20/2013 02:02	1	S000024.D	Synergi C18 4.6(mm)
240-22663-4	079SB-0014M-0001-SO	04/20/2013 02:45	1	S000025.D	Synergi C18 4.6(mm)
240-22663-4 MS	079SB-0014M-0001-SO MS	04/20/2013 03:29	1	S000026.D	Synergi C18 4.6(mm)
240-22663-4 MSD	079SB-0014M-0001-SO MSD	04/20/2013 04:13	1	S000027.D	Synergi C18 4.6(mm)
240-22663-7	079SB-0017M-0001-SO	04/20/2013 04:56	1	S000028.D	Synergi C18 4.6(mm)
240-22663-17	073SB-0041M-0001-SO	04/20/2013 05:40	1	S000029.D	Synergi C18 4.6(mm)
240-22663-26	079SB-0026M-0001-SO	04/20/2013 06:24	1	S000030.D	Synergi C18 4.6(mm)
240-22663-28	079SB-0028M-0001-SO	04/20/2013 07:07	1	S000031.D	Synergi C18 4.6(mm)
CCV 320-14706/22 CCVRT		04/20/2013 10:02	1	S000035.D	Synergi C18 4.6(mm)
CCV 320-14706/32 CCVRT		04/20/2013 17:19	1		Synergi C18 4.6(mm)
CCVL 320-14706/33		04/20/2013 18:03	1	S000046.D	Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 00:36	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 01:20	1		Synergi C18 4.6(mm)
CCV 320-14706/44 CCVRT		04/21/2013 02:03	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 02:47	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 03:31	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 04:14	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 04:58	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 05:42	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 06:25	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 07:09	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 07:53	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 08:37	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 09:20	1		Synergi C18 4.6(mm)
CCV 320-14706/55 CCVRT		04/21/2013 10:04	1		Synergi C18 4.6(mm)
CCVL 320-14706/56		04/21/2013 10:48	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 11:32	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 12:15	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 12:59	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 13:42	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 14:26	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 15:10	1		Synergi C18 4.6(mm)

8330B

HPLC/IC ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Instrument ID: LC10 Start Date: 04/19/2013 18:45

Analysis Batch Number: 14706 End Date: 04/22/2013 22:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/21/2013 15:54	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 16:38	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 17:21	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 18:05	1		Synergi C18 4.6(mm)
CCV 320-14706/67 CCVRT		04/21/2013 18:49	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 19:33	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 20:16	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 21:00	1		Synergi C18 4.6(mm)
ZZZZZ		04/21/2013 21:43	1		Synergi C18 4.6(mm)
CCV 320-14706/78 CCVRT		04/22/2013 02:49	1		Synergi C18 4.6(mm)
CCV 320-14706/89 CCVRT		04/22/2013 10:49	1		Synergi C18 4.6(mm)
CCV 320-14706/100 CCVRT		04/22/2013 18:50	1		Synergi C18 4.6(mm)
CCV 320-14706/103 CCVRT		04/22/2013 22:28	1		Synergi C18 4.6(mm)

HPLC/IC ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Instrument ID: LC12 Start Date: 02/13/2013 16:11

Analysis Batch Number: 10422 End Date: 02/14/2013 04:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		02/13/2013 16:11	1		Zorbax CN 4.6(mm)
STD01 320-10422/2 IC		02/13/2013 17:16	1	M000003.D	Zorbax CN 4.6(mm)
STD02 320-10422/3 IC		02/13/2013 18:22	1	M000004.D	Zorbax CN 4.6(mm)
STD03 320-10422/4 IC		02/13/2013 19:27	1	M000005.D	Zorbax CN 4.6(mm)
STD04 320-10422/5 IC		02/13/2013 20:32	1	M000006.D	Zorbax CN 4.6(mm)
STD05 320-10422/6 IC		02/13/2013 21:38	1	M000007.D	Zorbax CN 4.6(mm)
STD06 320-10422/7 IC		02/13/2013 22:43	1	M000008.D	Zorbax CN 4.6(mm)
STD07 320-10422/8 IC		02/13/2013 23:49	1	M000009.D	Zorbax CN 4.6(mm)
STD08 320-10422/9 IC		02/14/2013 00:54	1	M000010.D	Zorbax CN 4.6(mm)
ZZZZZ		02/14/2013 02:00	1		Zorbax CN 4.6(mm)
ICV 320-10422/11		02/14/2013 03:05	1	M000012.D	Zorbax CN 4.6(mm)
LODV 320-10422/12		02/14/2013 04:11	1	M000013.D	Zorbax CN 4.6(mm)

HPLC/IC ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Instrument ID: LC12 Start Date: 04/24/2013 23:18

Analysis Batch Number: 14998 End Date: 04/26/2013 20:29

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 320-14998/3 CCVRT		04/24/2013 23:18	1	X000029.D	Zorbax CN 4.6(mm)
CCVL 320-14998/4 CCVRT		04/25/2013 00:24	1	X000030.D	Zorbax CN 4.6(mm)
MB 320-14065/1-A		04/25/2013 08:07	1	X000037.D	Zorbax CN 4.6(mm)
ZZZZZ		04/25/2013 09:13	1		Zorbax CN 4.6(mm)
CCV 320-14998/13 CCVRT		04/25/2013 10:19	1	X000039.D	Zorbax CN 4.6(mm)
ZZZZZ		04/25/2013 11:25	1		Zorbax CN 4.6(mm)
ZZZZZ		04/25/2013 12:32	1		Zorbax CN 4.6(mm)
240-22663-4	079SB-0014M-0001-SO	04/25/2013 13:38	1	X000042.D	Zorbax CN 4.6(mm)
ZZZZZ		04/25/2013 14:44	1		Zorbax CN 4.6(mm)
ZZZZZ		04/25/2013 15:50	1		Zorbax CN 4.6(mm)
ZZZZZ		04/25/2013 16:56	1		Zorbax CN 4.6(mm)
ZZZZZ		04/25/2013 18:02	1		Zorbax CN 4.6(mm)
ZZZZZ		04/25/2013 19:08	1		Zorbax CN 4.6(mm)
ZZZZZ		04/25/2013 20:14	1		Zorbax CN 4.6(mm)
CCV 320-14998/23 CCVRT		04/25/2013 21:20	1	X000049.D	Zorbax CN 4.6(mm)
ZZZZZ		04/25/2013 22:26	1		Zorbax CN 4.6(mm)
ZZZZZ		04/25/2013 23:33	1		Zorbax CN 4.6(mm)
ZZZZZ		04/26/2013 00:39	1		Zorbax CN 4.6(mm)
ZZZZZ		04/26/2013 01:45	1		Zorbax CN 4.6(mm)
ZZZZZ		04/26/2013 02:51	1		Zorbax CN 4.6(mm)
ZZZZZ		04/26/2013 03:57	1		Zorbax CN 4.6(mm)
ZZZZZ		04/26/2013 05:03	1		Zorbax CN 4.6(mm)
ZZZZZ		04/26/2013 06:09	1		Zorbax CN 4.6(mm)
ZZZZZ		04/26/2013 07:15	1		Zorbax CN 4.6(mm)
CCV 320-14998/33 CCVRT		04/26/2013 08:21	1		Zorbax CN 4.6(mm)
ZZZZZ		04/26/2013 09:28	1		Zorbax CN 4.6(mm)
ZZZZZ		04/26/2013 10:34	1		Zorbax CN 4.6(mm)
ZZZZZ		04/26/2013 11:40	1		Zorbax CN 4.6(mm)
ZZZZZ		04/26/2013 12:46	1		Zorbax CN 4.6(mm)
ZZZZZ		04/26/2013 13:52	1		Zorbax CN 4.6(mm)
ZZZZZ		04/26/2013 14:58	1		Zorbax CN 4.6(mm)
ZZZZZ		04/26/2013 16:05	1		Zorbax CN 4.6(mm)
ZZZZZ		04/26/2013 17:11	1		Zorbax CN 4.6(mm)
ZZZZZ		04/26/2013 18:17	1		Zorbax CN 4.6(mm)
CCV 320-14998/35 CCVRT		04/26/2013 19:23	1		Zorbax CN 4.6(mm)
CCVL 320-14998/36 CCVRT		04/26/2013 20:29	1	X000070.D	Zorbax CN 4.6(mm)

HPLC/IC BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Batch Number: 14065 Batch Start Date: 04/11/13 08:24 Batch Analyst: Phan, Tuan

Batch Method: 8330B Batch End Date: 04/18/13 10:10

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	HP34DNTSU 00012	HP8330SP 00013	HPNGPETNSP 00004	
MB 320-14065/1		8330B, 8330B		10.00 g	80 mL	100 uL			
LCS 320-14065/2		8330B, 8330B		10.00 g	80 mL	100 uL	100 uL	200 uL	
240-22663-F-4	079SB-0014M-0001-SO	8330B, 8330B	T	10.01 g	80 mL	100 uL			
240-22663-F-4 MS	079SB-0014M-0001-SO	8330B, 8330B	T	10.05 g	80 mL	100 uL	100 uL	200 uL	
240-22663-F-4 MSD	079SB-0014M-0001-SO	8330B, 8330B	T	10.03 g	80 mL	100 uL	100 uL	200 uL	
240-22663-F-7	079SB-0017M-0001-SO	8330B, 8330B	T	10.02 g	80 mL	100 uL			
240-22663-F-17	073SB-0041M-0001-SO	8330B, 8330B	T	10.02 g	80 mL	100 uL			
240-22663-F-26	079SB-0026M-0001-SO	8330B, 8330B	T	10.04 g	80 mL	100 uL			
240-22663-F-28	079SB-0028M-0001-SO	8330B, 8330B	T	10.04 g	80 mL	100 uL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

HPLC/IC BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Batch Number: 14065 Batch Start Date: 04/11/13 08:24 Batch Analyst: Phan, Tuan

Batch Method: 8330B Batch End Date: 04/18/13 10:10

Batch Notes	
Balance ID	QA-070
Calcium Chloride Reagent ID	4515-027C
Person's name who did the concentration	GB
Date of Clean up	4-18-13
Analyst performed Clean Up	GB
Date Dilution Performed	4-18-13
Analytst performing Dilution	GB
Date Sample was Dried	4/10/13 240-22648-53,13 240-22663-7,26,28
Filter Lot #	R2SA72748
Filter Type	.45um MILLIPORE
Date Sample was Ground	4/11/13
Minumum Temperature	10
Person's name who witnessed reagent drop	GB
Blank Sand Lot #	FISHER 120571
Solvent Lot #	4515-027D
Solvent Name	0.1% HOAC/ACN
Sonication Start Time	4/11/13 / 11:40
Sonication Stop Time	4/12/13 / 05:40
SOP Number	WS-LC-0009
Maximum Temperature	20

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Canton Job Number: 240-22663-1

SDG No.:

Project: RVAAP - ECC

Client Sample ID	Lab Sample ID
079SB-0010M-0001-SO	240-22663-1
079SB-0011M-0001-SO	240-22663-2
079SB-0013M-0001-SO	240-22663-3
079SB-0014M-0001-SO	240-22663-4
079SB-0015M-0001,0002-SO	240-22663-5
079SB-0016M-0001-SO	240-22663-6
079SB-0017M-0001-SO	240-22663-7
079SB-0020M-0001-SO	240-22663-8
079SB-0019M-0001-SO	240-22663-9
073SS-0035M-0001-SO	240-22663-11
073SB-0036M-0001-SO	240-22663-12
073SB-0037M-0001-SO	240-22663-13
073SB-0038M-0001-SO	240-22663-14
073SB-0039M-0001-SO	240-22663-15
073SB-0040M-0001,0002-SO	240-22663-16
073SB-0041M-0001-SO	240-22663-17
073SB-0042M-0001-SO	240-22663-18
073SB-0043M-0001-SO	240-22663-19
073SB-0044-0001-SO	240-22663-20
079SB-0021M-0001-SO	240-22663-21
079SB-0022M-0001-SO	240-22663-22
079SB-0023M-0001-SO	240-22663-23
079SB-0024M-0001,0002-SO	240-22663-24
079SB-0025M-0001-SO	240-22663-25
079SB-0026M-0001-SO	240-22663-26
079SB-0027M-0001-SO	240-22663-27
079SB-0028M-0001-SO	240-22663-28
079SB-0029-0001-SO	240-22663-29
068SB-0017M-0001-SO	240-22663-31
068SB-0018M-0001-SO	240-22663-32
068SB-0019M-0001-SO	240-22663-33
068SB-0022M-0001-SO	240-22663-34
068SB-0020M-0001-SO	240-22663-35
068SB-0023M-0001-SO	240-22663-36
068SB-0024M-0001-SO	240-22663-37
068SB-0025M-0001-SO	240-22663-38
068SB-0032-0001-SO	240-22663-39
068SB-0027M-0001-SO	240-22663-40
068SB-0028M-0001-SO	240-22663-41
068SB-0030M-0001-SO	240-22663-43
068SB-0031M-0001-SO	240-22663-44

Comments:

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METALS

Lab Name: TestAmerica Pittsburgh Job Number: 240-22663-1

SDG No.:

Project: RVAAP - ECC

Client Sample ID	Lab Sample ID
079SB-0010M-0001-SO	240-22663-1
079SB-0011M-0001-SO	240-22663-2
079SB-0013M-0001-SO	240-22663-3
079SB-0014M-0001-SO	240-22663-4
079SB-0015M-0001,0002-SO	240-22663-5
079SB-0016M-0001-SO	240-22663-6
079SB-0017M-0001-SO	240-22663-7
079SB-0020M-0001-SO	240-22663-8
079SB-0019M-0001-SO	240-22663-9
073SS-0035M-0001-SO	240-22663-11
073SB-0036M-0001-SO	240-22663-12
073SB-0037M-0001-SO	240-22663-13
073SB-0038M-0001-SO	240-22663-14
073SB-0039M-0001-SO	240-22663-15
073SB-0040M-0001,0002-SO	240-22663-16
073SB-0041M-0001-SO	240-22663-17
073SB-0042M-0001-SO	240-22663-18
073SB-0043M-0001-SO	240-22663-19
073SB-0044-0001-SO	240-22663-20
079SB-0021M-0001-SO	240-22663-21
079SB-0022M-0001-SO	240-22663-22
079SB-0023M-0001-SO	240-22663-23
079SB-0024M-0001,0002-SO	240-22663-24
079SB-0025M-0001-SO	240-22663-25
079SB-0026M-0001-SO	240-22663-26
079SB-0027M-0001-SO	240-22663-27
079SB-0028M-0001-SO	240-22663-28
079SB-0029-0001-SO	240-22663-29
068SB-0017M-0001-SO	240-22663-31
068SB-0018M-0001-SO	240-22663-32
068SB-0019M-0001-SO	240-22663-33
068SB-0022M-0001-SO	240-22663-34
068SB-0020M-0001-SO	240-22663-35
068SB-0023M-0001-SO	240-22663-36
068SB-0024M-0001-SO	240-22663-37
068SB-0025M-0001-SO	240-22663-38
068SB-0032-0001-SO	240-22663-39
068SB-0027M-0001-SO	240-22663-40
068SB-0028M-0001-SO	240-22663-41
068SB-0030M-0001-SO	240-22663-43
068SB-0031M-0001-SO	240-22663-44

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0010M-0001-SO
Lab Sample ID: 240-22663-1
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 10:07
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.019	0.091	0.030	0.013	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0011M-0001-SO
Lab Sample ID: 240-22663-2
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 10:07
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.022	0.095	0.031	0.013	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0013M-0001-SO
Lab Sample ID: 240-22663-3
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 10:09
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.014	0.095	0.031	0.013	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0014M-0001-SO
Lab Sample ID: 240-22663-4
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 10:12
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.032	0.097	0.032	0.014	mg/Kg	U		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0015M-0001,0002-SO
Lab Sample ID: 240-22663-5
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 10:01
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.016	0.10	0.033	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0016M-0001-SO
Lab Sample ID: 240-22663-6
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 09:15
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.015	0.098	0.032	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0017M-0001-SO
Lab Sample ID: 240-22663-7
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 09:24
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.014	0.087	0.029	0.012	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0020M-0001-SO
Lab Sample ID: 240-22663-8
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 09:24
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.024	0.11	0.036	0.015	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0019M-0001-SO
Lab Sample ID: 240-22663-9
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 09:45
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.021	0.11	0.035	0.015	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SS-0035M-0001-SO
Lab Sample ID: 240-22663-11
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 14:20
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.027	0.11	0.037	0.016	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SB-0036M-0001-SO
Lab Sample ID: 240-22663-12
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 13:45
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.035	0.11	0.035	0.015	mg/Kg	U		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SB-0037M-0001-SO
Lab Sample ID: 240-22663-13
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 13:50
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.035	0.11	0.035	0.015	mg/Kg	U		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SB-0038M-0001-SO
Lab Sample ID: 240-22663-14
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 12:40
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.018	0.11	0.035	0.015	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SB-0039M-0001-SO
Lab Sample ID: 240-22663-15
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 12:40
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.020	0.098	0.032	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SB-0040M-0001,0002-SO
Lab Sample ID: 240-22663-16
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 12:53
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.033	0.10	0.033	0.014	mg/Kg	U		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SB-0041M-0001-SO
Lab Sample ID: 240-22663-17
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 13:03
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.016	0.11	0.035	0.015	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SB-0042M-0001-SO
Lab Sample ID: 240-22663-18
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 13:51
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.033	0.10	0.033	0.014	mg/Kg	U		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SB-0043M-0001-SO
Lab Sample ID: 240-22663-19
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 13:24
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.015	0.11	0.035	0.015	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SB-0044-0001-SO
Lab Sample ID: 240-22663-20
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 13:29
Reporting Basis: DRY
Date Received: 04/02/2013 08:00
% Solids: 90.8

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.027	0.12	0.041	0.017	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0021M-0001-SO
Lab Sample ID: 240-22663-21
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 11:21
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.029	0.11	0.037	0.016	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0022M-0001-SO
Lab Sample ID: 240-22663-22
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 11:24
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.018	0.095	0.031	0.013	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0023M-0001-SO
Lab Sample ID: 240-22663-23
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 11:24
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.018	0.087	0.029	0.012	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0024M-0001,0002-SO
Lab Sample ID: 240-22663-24
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 11:29
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.025	0.10	0.033	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0025M-0001-SO
Lab Sample ID: 240-22663-25
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 10:23
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.022	0.10	0.034	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0026M-0001-SO
Lab Sample ID: 240-22663-26
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 10:37
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.018	0.090	0.030	0.013	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0027M-0001-SO
Lab Sample ID: 240-22663-27
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 11:12
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.025	0.092	0.030	0.013	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0028M-0001-SO
Lab Sample ID: 240-22663-28
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 10:43
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.026	0.097	0.032	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0029-0001-SO
Lab Sample ID: 240-22663-29
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 10:55
Reporting Basis: DRY
Date Received: 04/02/2013 08:00
% Solids: 94.0

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.038	0.11	0.038	0.016	mg/Kg	U		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0017M-0001-SO
Lab Sample ID: 240-22663-31
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 15:42
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.041	0.11	0.037	0.016	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0018M-0001-SO
Lab Sample ID: 240-22663-32
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 15:43
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.036	0.11	0.036	0.015	mg/Kg	U		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0019M-0001-SO
Lab Sample ID: 240-22663-33
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 15:21
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.021	0.10	0.033	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0022M-0001-SO
Lab Sample ID: 240-22663-34
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 15:21
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.019	0.10	0.034	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0020M-0001-SO
Lab Sample ID: 240-22663-35
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 15:50
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.037	0.11	0.037	0.016	mg/Kg	U		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0023M-0001-SO
Lab Sample ID: 240-22663-36
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 14:40
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.040	0.11	0.037	0.016	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0024M-0001-SO
Lab Sample ID: 240-22663-37
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 14:20
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.025	0.10	0.033	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0025M-0001-SO
Lab Sample ID: 240-22663-38
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 14:45
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.050	0.11	0.035	0.015	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0032-0001-SO
Lab Sample ID: 240-22663-39
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 15:30
Reporting Basis: DRY
Date Received: 04/02/2013 08:00
% Solids: 87.6

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.034	0.10	0.034	0.014	mg/Kg	U		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0027M-0001-SO
Lab Sample ID: 240-22663-40
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 14:00
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.032	0.098	0.032	0.014	mg/Kg	U		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0028M-0001-SO
Lab Sample ID: 240-22663-41
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 14:02
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.031	0.094	0.031	0.013	mg/Kg	U		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0030M-0001-SO
Lab Sample ID: 240-22663-43
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 14:05
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.035	0.11	0.035	0.015	mg/Kg	U		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0031M-0001-SO
Lab Sample ID: 240-22663-44
Lab Name: TestAmerica Canton
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 13:44
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.031	0.094	0.031	0.013	mg/Kg	U		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0010M-0001-SO
Lab Sample ID: 240-22663-1
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 10:07
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.026	0.085	0.026	0.0097	mg/Kg	J		1	6020/DOD
Aluminum	8700	2.6	0.51	0.24	mg/Kg			1	6020/DOD
Arsenic	7.3	0.085	0.043	0.015	mg/Kg			1	6020/DOD
Barium	44	0.85	0.017	0.0091	mg/Kg		Q	1	6020/DOD
Beryllium	0.25	0.085	0.0085	0.0064	mg/Kg		Q	1	6020/DOD
Calcium	260	8.5	2.1	1.1	mg/Kg			1	6020/DOD
Cadmium	0.078	0.085	0.026	0.011	mg/Kg	J	Q	1	6020/DOD
Chromium	12	0.17	0.034	0.019	mg/Kg			1	6020/DOD
Cobalt	4.0	0.043	0.0085	0.0021	mg/Kg		Q	1	6020/DOD
Copper	12	0.17	0.051	0.028	mg/Kg		Q	1	6020/DOD
Iron	19000	4.3	1.7	0.92	mg/Kg			1	6020/DOD
Magnesium	1500	8.5	1.7	0.92	mg/Kg			1	6020/DOD
Manganese	150	0.43	0.026	0.014	mg/Kg		Q	1	6020/DOD
Sodium	27	8.5	4.3	2.3	mg/Kg			1	6020/DOD
Nickel	10	0.085	0.026	0.0097	mg/Kg			1	6020/DOD
Lead	13	0.085	0.026	0.013	mg/Kg		Q	1	6020/DOD
Antimony	0.085	0.17	0.085	0.039	mg/Kg	U		1	6020/DOD
Thallium	0.14	0.085	0.017	0.0087	mg/Kg			1	6020/DOD
Vanadium	17	0.085	0.051	0.026	mg/Kg			1	6020/DOD
Zinc	33	0.43	0.17	0.055	mg/Kg		Q	1	6020/DOD
Potassium	720	8.5	5.1	2.7	mg/Kg			1	6020/DOD
Selenium	0.24	0.43	0.085	0.044	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0011M-0001-SO
Lab Sample ID: 240-22663-2
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 10:07
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.028	0.094	0.028	0.011	mg/Kg	J		1	6020/DOD
Aluminum	7800	2.8	0.57	0.27	mg/Kg			1	6020/DOD
Arsenic	7.1	0.094	0.047	0.017	mg/Kg			1	6020/DOD
Barium	43	0.94	0.019	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.22	0.094	0.0094	0.0071	mg/Kg		Q	1	6020/DOD
Calcium	400	9.4	2.4	1.3	mg/Kg			1	6020/DOD
Cadmium	0.073	0.094	0.028	0.012	mg/Kg	J	Q	1	6020/DOD
Chromium	10	0.19	0.038	0.021	mg/Kg			1	6020/DOD
Cobalt	3.3	0.047	0.0094	0.0023	mg/Kg		Q	1	6020/DOD
Copper	12	0.19	0.057	0.031	mg/Kg		Q	1	6020/DOD
Iron	17000	4.7	1.9	1.0	mg/Kg			1	6020/DOD
Magnesium	1200	9.4	1.9	1.0	mg/Kg			1	6020/DOD
Manganese	110	0.47	0.028	0.015	mg/Kg		Q	1	6020/DOD
Sodium	32	9.4	4.7	2.5	mg/Kg			1	6020/DOD
Nickel	8.1	0.094	0.028	0.011	mg/Kg			1	6020/DOD
Lead	14	0.094	0.028	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.094	0.19	0.094	0.043	mg/Kg	U		1	6020/DOD
Thallium	0.16	0.094	0.019	0.0096	mg/Kg			1	6020/DOD
Vanadium	15	0.094	0.057	0.028	mg/Kg			1	6020/DOD
Zinc	28	0.47	0.19	0.061	mg/Kg		Q	1	6020/DOD
Potassium	660	9.4	5.7	3.0	mg/Kg			1	6020/DOD
Selenium	0.25	0.47	0.094	0.048	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0013M-0001-SO
Lab Sample ID: 240-22663-3
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 10:09
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.030	0.092	0.028	0.010	mg/Kg	J		1	6020/DOD
Aluminum	13000	2.8	0.55	0.26	mg/Kg			1	6020/DOD
Arsenic	10	0.092	0.046	0.017	mg/Kg			1	6020/DOD
Barium	78	0.92	0.018	0.0098	mg/Kg		Q	1	6020/DOD
Beryllium	0.64	0.092	0.0092	0.0069	mg/Kg		Q	1	6020/DOD
Calcium	1400	9.2	2.3	1.2	mg/Kg			1	6020/DOD
Cadmium	0.28	0.092	0.028	0.012	mg/Kg		Q	1	6020/DOD
Chromium	17	0.18	0.037	0.020	mg/Kg			1	6020/DOD
Cobalt	12	0.046	0.0092	0.0022	mg/Kg		Q	1	6020/DOD
Copper	21	0.18	0.055	0.030	mg/Kg		Q	1	6020/DOD
Iron	24000	4.6	1.8	0.99	mg/Kg			1	6020/DOD
Magnesium	3700	9.2	1.8	0.99	mg/Kg			1	6020/DOD
Manganese	290	0.46	0.028	0.015	mg/Kg		Q	1	6020/DOD
Sodium	50	9.2	4.6	2.4	mg/Kg			1	6020/DOD
Nickel	27	0.092	0.028	0.010	mg/Kg			1	6020/DOD
Lead	13	0.092	0.028	0.014	mg/Kg		Q	1	6020/DOD
Antimony	0.092	0.18	0.092	0.042	mg/Kg	U		1	6020/DOD
Thallium	0.18	0.092	0.018	0.0094	mg/Kg			1	6020/DOD
Vanadium	19	0.092	0.055	0.027	mg/Kg			1	6020/DOD
Zinc	59	0.46	0.18	0.059	mg/Kg		Q	1	6020/DOD
Potassium	1300	9.2	5.5	2.9	mg/Kg			1	6020/DOD
Selenium	0.33	0.46	0.092	0.047	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0014M-0001-SO
Lab Sample ID: 240-22663-4
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 10:12
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.029	0.086	0.026	0.0098	mg/Kg	J		1	6020/DOD
Aluminum	9800	2.6	0.52	0.25	mg/Kg			1	6020/DOD
Arsenic	11	0.086	0.043	0.016	mg/Kg			1	6020/DOD
Barium	54	0.86	0.017	0.0092	mg/Kg		Q	1	6020/DOD
Beryllium	0.56	0.086	0.0086	0.0065	mg/Kg		Q	1	6020/DOD
Calcium	3000	8.6	2.2	1.1	mg/Kg			1	6020/DOD
Cadmium	0.23	0.086	0.026	0.011	mg/Kg		Q	1	6020/DOD
Chromium	15	0.17	0.034	0.019	mg/Kg			1	6020/DOD
Cobalt	14	0.043	0.0086	0.0021	mg/Kg		Q	1	6020/DOD
Copper	20	0.17	0.052	0.028	mg/Kg		Q	1	6020/DOD
Iron	23000	4.3	1.7	0.93	mg/Kg			1	6020/DOD
Magnesium	3400	8.6	1.7	0.93	mg/Kg			1	6020/DOD
Manganese	300	0.43	0.026	0.014	mg/Kg		Q	1	6020/DOD
Sodium	46	8.6	4.3	2.3	mg/Kg			1	6020/DOD
Nickel	28	0.086	0.026	0.0097	mg/Kg			1	6020/DOD
Lead	11	0.086	0.026	0.013	mg/Kg		Q	1	6020/DOD
Antimony	0.063	0.17	0.086	0.040	mg/Kg	J		1	6020/DOD
Thallium	0.14	0.086	0.017	0.0088	mg/Kg			1	6020/DOD
Vanadium	15	0.086	0.052	0.026	mg/Kg			1	6020/DOD
Zinc	76	0.43	0.17	0.056	mg/Kg		Q	1	6020/DOD
Potassium	1100	8.6	5.2	2.7	mg/Kg			1	6020/DOD
Selenium	0.29	0.43	0.086	0.044	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0015M-0001,0002-SO
Lab Sample ID: 240-22663-5
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 10:01
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.030	0.090	0.027	0.010	mg/Kg	J		1	6020/DOD
Aluminum	13000	2.7	0.54	0.26	mg/Kg		J	1	6020/DOD
Arsenic	10	0.090	0.045	0.016	mg/Kg			1	6020/DOD
Barium	68	0.90	0.018	0.0096	mg/Kg		Q	1	6020/DOD
Beryllium	0.58	0.090	0.0090	0.0068	mg/Kg		Q	1	6020/DOD
Calcium	590	9.0	2.3	1.2	mg/Kg			1	6020/DOD
Cadmium	0.20	0.090	0.027	0.012	mg/Kg		Q	1	6020/DOD
Chromium	17	0.18	0.036	0.020	mg/Kg			1	6020/DOD
Cobalt	11	0.045	0.0090	0.0022	mg/Kg		Q	1	6020/DOD
Copper	20	0.18	0.054	0.030	mg/Kg		Q	1	6020/DOD
Iron	26000	4.5	1.8	0.97	mg/Kg		J	1	6020/DOD
Magnesium	3200	9.0	1.8	0.97	mg/Kg			1	6020/DOD
Manganese	260	0.45	0.027	0.014	mg/Kg		Q J	1	6020/DOD
Sodium	40	9.0	4.5	2.4	mg/Kg			1	6020/DOD
Nickel	26	0.090	0.027	0.010	mg/Kg			1	6020/DOD
Lead	12	0.090	0.027	0.014	mg/Kg		Q	1	6020/DOD
Antimony	0.090	0.18	0.090	0.041	mg/Kg	U	J	1	6020/DOD
Thallium	0.17	0.090	0.018	0.0092	mg/Kg			1	6020/DOD
Vanadium	19	0.090	0.054	0.027	mg/Kg			1	6020/DOD
Zinc	74	0.45	0.18	0.058	mg/Kg		Q	1	6020/DOD
Potassium	1200	9.0	5.4	2.8	mg/Kg			1	6020/DOD
Selenium	0.28	0.45	0.090	0.046	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0016M-0001-SO
Lab Sample ID: 240-22663-6
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 09:15
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.027	0.084	0.025	0.0096	mg/Kg	J		1	6020/DOD
Aluminum	12000	2.5	0.50	0.24	mg/Kg			1	6020/DOD
Arsenic	12	0.084	0.042	0.015	mg/Kg			1	6020/DOD
Barium	77	0.84	0.017	0.0090	mg/Kg		Q	1	6020/DOD
Beryllium	0.55	0.084	0.0084	0.0063	mg/Kg		Q	1	6020/DOD
Calcium	970	8.4	2.1	1.1	mg/Kg			1	6020/DOD
Cadmium	0.16	0.084	0.025	0.011	mg/Kg		Q	1	6020/DOD
Chromium	16	0.17	0.034	0.019	mg/Kg			1	6020/DOD
Cobalt	11	0.042	0.0084	0.0020	mg/Kg		Q	1	6020/DOD
Copper	18	0.17	0.050	0.028	mg/Kg		Q	1	6020/DOD
Iron	27000	4.2	1.7	0.91	mg/Kg			1	6020/DOD
Magnesium	3300	8.4	1.7	0.91	mg/Kg			1	6020/DOD
Manganese	380	0.42	0.025	0.013	mg/Kg		Q	1	6020/DOD
Sodium	45	8.4	4.2	2.2	mg/Kg			1	6020/DOD
Nickel	28	0.084	0.025	0.0095	mg/Kg			1	6020/DOD
Lead	14	0.084	0.025	0.013	mg/Kg		Q	1	6020/DOD
Antimony	0.084	0.17	0.084	0.039	mg/Kg	U		1	6020/DOD
Thallium	0.17	0.084	0.017	0.0086	mg/Kg			1	6020/DOD
Vanadium	18	0.084	0.050	0.025	mg/Kg			1	6020/DOD
Zinc	51	0.42	0.17	0.054	mg/Kg		Q	1	6020/DOD
Potassium	1100	8.4	5.0	2.7	mg/Kg			1	6020/DOD
Selenium	0.25	0.42	0.084	0.043	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0017M-0001-SO
Lab Sample ID: 240-22663-7
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 09:24
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.029	0.099	0.030	0.011	mg/Kg	J		1	6020/DOD
Aluminum	14000	3.0	0.59	0.28	mg/Kg			1	6020/DOD
Arsenic	11	0.099	0.050	0.018	mg/Kg			1	6020/DOD
Barium	79	0.99	0.020	0.011	mg/Kg		Q	1	6020/DOD
Beryllium	0.62	0.099	0.0099	0.0074	mg/Kg		Q	1	6020/DOD
Calcium	1400	9.9	2.5	1.3	mg/Kg			1	6020/DOD
Cadmium	0.21	0.099	0.030	0.013	mg/Kg		Q	1	6020/DOD
Chromium	18	0.20	0.040	0.022	mg/Kg			1	6020/DOD
Cobalt	12	0.050	0.0099	0.0024	mg/Kg		Q	1	6020/DOD
Copper	27	0.20	0.059	0.033	mg/Kg		Q	1	6020/DOD
Iron	27000	5.0	2.0	1.1	mg/Kg			1	6020/DOD
Magnesium	4000	9.9	2.0	1.1	mg/Kg			1	6020/DOD
Manganese	300	0.50	0.030	0.016	mg/Kg		Q	1	6020/DOD
Sodium	52	9.9	5.0	2.6	mg/Kg			1	6020/DOD
Nickel	30	0.099	0.030	0.011	mg/Kg			1	6020/DOD
Lead	13	0.099	0.030	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.099	0.20	0.099	0.045	mg/Kg	U		1	6020/DOD
Thallium	0.18	0.099	0.020	0.010	mg/Kg			1	6020/DOD
Vanadium	20	0.099	0.059	0.030	mg/Kg			1	6020/DOD
Zinc	60	0.50	0.20	0.064	mg/Kg		Q	1	6020/DOD
Potassium	1400	9.9	5.9	3.1	mg/Kg			1	6020/DOD
Selenium	0.27	0.50	0.099	0.050	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0020M-0001-SO
Lab Sample ID: 240-22663-8
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 09:24
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.029	0.093	0.028	0.011	mg/Kg	J		1	6020/DOD
Aluminum	14000	2.8	0.56	0.26	mg/Kg			1	6020/DOD
Arsenic	11	0.093	0.046	0.017	mg/Kg			1	6020/DOD
Barium	71	0.93	0.019	0.0099	mg/Kg		Q	1	6020/DOD
Beryllium	0.72	0.093	0.0093	0.0069	mg/Kg		Q	1	6020/DOD
Calcium	780	9.3	2.3	1.2	mg/Kg			1	6020/DOD
Cadmium	0.22	0.093	0.028	0.012	mg/Kg		Q	1	6020/DOD
Chromium	18	0.19	0.037	0.021	mg/Kg			1	6020/DOD
Cobalt	15	0.046	0.0093	0.0022	mg/Kg		Q	1	6020/DOD
Copper	28	0.19	0.056	0.031	mg/Kg		Q	1	6020/DOD
Iron	26000	4.6	1.9	1.0	mg/Kg			1	6020/DOD
Magnesium	3500	9.3	1.9	1.0	mg/Kg			1	6020/DOD
Manganese	270	0.46	0.028	0.015	mg/Kg		Q	1	6020/DOD
Sodium	42	9.3	4.6	2.5	mg/Kg			1	6020/DOD
Nickel	27	0.093	0.028	0.010	mg/Kg			1	6020/DOD
Lead	13	0.093	0.028	0.014	mg/Kg		Q	1	6020/DOD
Antimony	0.093	0.19	0.093	0.043	mg/Kg	U		1	6020/DOD
Thallium	0.18	0.093	0.019	0.0094	mg/Kg			1	6020/DOD
Vanadium	21	0.093	0.056	0.028	mg/Kg			1	6020/DOD
Zinc	62	0.46	0.19	0.060	mg/Kg		Q	1	6020/DOD
Potassium	1200	9.3	5.6	2.9	mg/Kg			1	6020/DOD
Selenium	0.35	0.46	0.093	0.047	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0019M-0001-SO
Lab Sample ID: 240-22663-9
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 09:45
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.034	0.093	0.028	0.011	mg/Kg	J		1	6020/DOD
Aluminum	13000	2.8	0.56	0.27	mg/Kg			1	6020/DOD
Arsenic	9.9	0.093	0.047	0.017	mg/Kg			1	6020/DOD
Barium	76	0.93	0.019	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.49	0.093	0.0093	0.0070	mg/Kg		Q	1	6020/DOD
Calcium	690	9.3	2.3	1.2	mg/Kg			1	6020/DOD
Cadmium	0.14	0.093	0.028	0.012	mg/Kg		Q	1	6020/DOD
Chromium	16	0.19	0.037	0.021	mg/Kg			1	6020/DOD
Cobalt	11	0.047	0.0093	0.0022	mg/Kg		Q	1	6020/DOD
Copper	16	0.19	0.056	0.031	mg/Kg		Q	1	6020/DOD
Iron	26000	4.7	1.9	1.0	mg/Kg			1	6020/DOD
Magnesium	2600	9.3	1.9	1.0	mg/Kg			1	6020/DOD
Manganese	280	0.47	0.028	0.015	mg/Kg		Q	1	6020/DOD
Sodium	42	9.3	4.7	2.5	mg/Kg			1	6020/DOD
Nickel	20	0.093	0.028	0.011	mg/Kg			1	6020/DOD
Lead	13	0.093	0.028	0.014	mg/Kg		Q	1	6020/DOD
Antimony	0.093	0.19	0.093	0.043	mg/Kg	U		1	6020/DOD
Thallium	0.17	0.093	0.019	0.0095	mg/Kg			1	6020/DOD
Vanadium	23	0.093	0.056	0.028	mg/Kg			1	6020/DOD
Zinc	45	0.47	0.19	0.061	mg/Kg		Q	1	6020/DOD
Potassium	1000	9.3	5.6	2.9	mg/Kg			1	6020/DOD
Selenium	0.33	0.47	0.093	0.048	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SS-0035M-0001-SO
Lab Sample ID: 240-22663-11
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 14:20
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.029	0.092	0.028	0.010	mg/Kg	J		1	6020/DOD
Aluminum	11000	2.8	0.55	0.26	mg/Kg			1	6020/DOD
Arsenic	14	0.092	0.046	0.017	mg/Kg			1	6020/DOD
Barium	57	0.92	0.018	0.0098	mg/Kg		Q	1	6020/DOD
Beryllium	0.52	0.092	0.0092	0.0069	mg/Kg		Q	1	6020/DOD
Calcium	720	9.2	2.3	1.2	mg/Kg			1	6020/DOD
Cadmium	0.18	0.092	0.028	0.012	mg/Kg		Q	1	6020/DOD
Chromium	14	0.18	0.037	0.020	mg/Kg			1	6020/DOD
Cobalt	11	0.046	0.0092	0.0022	mg/Kg		Q	1	6020/DOD
Copper	19	0.18	0.055	0.030	mg/Kg		Q	1	6020/DOD
Iron	24000	4.6	1.8	0.99	mg/Kg			1	6020/DOD
Magnesium	2700	9.2	1.8	0.99	mg/Kg			1	6020/DOD
Manganese	340	0.46	0.028	0.015	mg/Kg		Q	1	6020/DOD
Sodium	36	9.2	4.6	2.4	mg/Kg			1	6020/DOD
Nickel	22	0.092	0.028	0.010	mg/Kg			1	6020/DOD
Lead	15	0.092	0.028	0.014	mg/Kg		Q	1	6020/DOD
Antimony	0.35	0.18	0.092	0.042	mg/Kg			1	6020/DOD
Thallium	0.16	0.092	0.018	0.0094	mg/Kg			1	6020/DOD
Vanadium	18	0.092	0.055	0.027	mg/Kg			1	6020/DOD
Zinc	54	0.46	0.18	0.059	mg/Kg		Q	1	6020/DOD
Potassium	990	9.2	5.5	2.9	mg/Kg			1	6020/DOD
Selenium	0.36	0.46	0.092	0.047	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SB-0036M-0001-SO
Lab Sample ID: 240-22663-12
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 13:45
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.024	0.087	0.026	0.0099	mg/Kg	J		1	6020/DOD
Aluminum	7500	2.6	0.52	0.25	mg/Kg			1	6020/DOD
Arsenic	13	0.087	0.043	0.016	mg/Kg			1	6020/DOD
Barium	36	0.87	0.017	0.0093	mg/Kg		Q	1	6020/DOD
Beryllium	0.38	0.087	0.0087	0.0065	mg/Kg		Q	1	6020/DOD
Calcium	1700	8.7	2.2	1.2	mg/Kg			1	6020/DOD
Cadmium	0.17	0.087	0.026	0.011	mg/Kg		Q	1	6020/DOD
Chromium	11	0.17	0.035	0.019	mg/Kg			1	6020/DOD
Cobalt	9.2	0.043	0.0087	0.0021	mg/Kg		Q	1	6020/DOD
Copper	17	0.17	0.052	0.029	mg/Kg		Q	1	6020/DOD
Iron	25000	4.3	1.7	0.94	mg/Kg			1	6020/DOD
Magnesium	2600	8.7	1.7	0.94	mg/Kg			1	6020/DOD
Manganese	400	0.43	0.026	0.014	mg/Kg		Q	1	6020/DOD
Sodium	43	8.7	4.3	2.3	mg/Kg			1	6020/DOD
Nickel	21	0.087	0.026	0.0098	mg/Kg			1	6020/DOD
Lead	13	0.087	0.026	0.013	mg/Kg		Q	1	6020/DOD
Antimony	0.044	0.17	0.087	0.040	mg/Kg	J		1	6020/DOD
Thallium	0.13	0.087	0.017	0.0089	mg/Kg			1	6020/DOD
Vanadium	12	0.087	0.052	0.026	mg/Kg			1	6020/DOD
Zinc	56	0.43	0.17	0.056	mg/Kg		Q	1	6020/DOD
Potassium	1000	8.7	5.2	2.7	mg/Kg			1	6020/DOD
Selenium	0.25	0.43	0.087	0.044	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SB-0037M-0001-SO
Lab Sample ID: 240-22663-13
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 13:50
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.030	0.081	0.024	0.0092	mg/Kg	J		1	6020/DOD
Aluminum	5300	2.4	0.48	0.23	mg/Kg			1	6020/DOD
Arsenic	13	0.081	0.040	0.015	mg/Kg			1	6020/DOD
Barium	25	0.81	0.016	0.0086	mg/Kg		Q	1	6020/DOD
Beryllium	0.32	0.081	0.0081	0.0060	mg/Kg		Q	1	6020/DOD
Calcium	4500	8.1	2.0	1.1	mg/Kg			1	6020/DOD
Cadmium	0.17	0.081	0.024	0.011	mg/Kg		Q	1	6020/DOD
Chromium	8.5	0.16	0.032	0.018	mg/Kg			1	6020/DOD
Cobalt	8.1	0.040	0.0081	0.0019	mg/Kg		Q	1	6020/DOD
Copper	17	0.16	0.048	0.027	mg/Kg		Q	1	6020/DOD
Iron	19000	4.0	1.6	0.87	mg/Kg			1	6020/DOD
Magnesium	2700	8.1	1.6	0.87	mg/Kg			1	6020/DOD
Manganese	410	0.40	0.024	0.013	mg/Kg		Q	1	6020/DOD
Sodium	38	8.1	4.0	2.1	mg/Kg			1	6020/DOD
Nickel	18	0.081	0.024	0.0091	mg/Kg			1	6020/DOD
Lead	11	0.081	0.024	0.012	mg/Kg		Q	1	6020/DOD
Antimony	0.044	0.16	0.081	0.037	mg/Kg	J		1	6020/DOD
Thallium	0.12	0.081	0.016	0.0082	mg/Kg			1	6020/DOD
Vanadium	9.4	0.081	0.048	0.024	mg/Kg			1	6020/DOD
Zinc	54	0.40	0.16	0.052	mg/Kg		Q	1	6020/DOD
Potassium	850	8.1	4.8	2.5	mg/Kg			1	6020/DOD
Selenium	0.19	0.40	0.081	0.041	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SB-0038M-0001-SO
Lab Sample ID: 240-22663-14
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 12:40
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.022	0.093	0.028	0.011	mg/Kg	J		1	6020/DOD
Aluminum	6800	2.8	0.56	0.26	mg/Kg			1	6020/DOD
Arsenic	19	0.093	0.046	0.017	mg/Kg			1	6020/DOD
Barium	32	0.93	0.019	0.0099	mg/Kg		Q	1	6020/DOD
Beryllium	0.35	0.093	0.0093	0.0069	mg/Kg		Q	1	6020/DOD
Calcium	640	9.3	2.3	1.2	mg/Kg			1	6020/DOD
Cadmium	0.19	0.093	0.028	0.012	mg/Kg		Q	1	6020/DOD
Chromium	10	0.19	0.037	0.021	mg/Kg			1	6020/DOD
Cobalt	8.7	0.046	0.0093	0.0022	mg/Kg		Q	1	6020/DOD
Copper	20	0.19	0.056	0.031	mg/Kg		Q	1	6020/DOD
Iron	22000	4.6	1.9	1.0	mg/Kg			1	6020/DOD
Magnesium	2100	9.3	1.9	1.0	mg/Kg			1	6020/DOD
Manganese	460	0.46	0.028	0.015	mg/Kg		Q	1	6020/DOD
Sodium	40	9.3	4.6	2.5	mg/Kg			1	6020/DOD
Nickel	21	0.093	0.028	0.010	mg/Kg			1	6020/DOD
Lead	17	0.093	0.028	0.014	mg/Kg		Q	1	6020/DOD
Antimony	0.067	0.19	0.093	0.043	mg/Kg	J		1	6020/DOD
Thallium	0.15	0.093	0.019	0.0094	mg/Kg			1	6020/DOD
Vanadium	11	0.093	0.056	0.028	mg/Kg			1	6020/DOD
Zinc	64	0.46	0.19	0.060	mg/Kg		Q	1	6020/DOD
Potassium	1000	9.3	5.6	2.9	mg/Kg			1	6020/DOD
Selenium	0.28	0.46	0.093	0.047	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SB-0039M-0001-SO
Lab Sample ID: 240-22663-15
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 12:40
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.021	0.081	0.024	0.0092	mg/Kg	J		1	6020/DOD
Aluminum	7000	2.4	0.48	0.23	mg/Kg			1	6020/DOD
Arsenic	15	0.081	0.040	0.015	mg/Kg			1	6020/DOD
Barium	34	0.81	0.016	0.0086	mg/Kg		Q	1	6020/DOD
Beryllium	0.40	0.081	0.0081	0.0060	mg/Kg		Q	1	6020/DOD
Calcium	710	8.1	2.0	1.1	mg/Kg			1	6020/DOD
Cadmium	0.19	0.081	0.024	0.011	mg/Kg		Q	1	6020/DOD
Chromium	10	0.16	0.032	0.018	mg/Kg			1	6020/DOD
Cobalt	8.7	0.040	0.0081	0.0019	mg/Kg		Q	1	6020/DOD
Copper	19	0.16	0.048	0.027	mg/Kg		Q	1	6020/DOD
Iron	24000	4.0	1.6	0.87	mg/Kg			1	6020/DOD
Magnesium	2200	8.1	1.6	0.87	mg/Kg			1	6020/DOD
Manganese	460	0.40	0.024	0.013	mg/Kg		Q	1	6020/DOD
Sodium	35	8.1	4.0	2.1	mg/Kg			1	6020/DOD
Nickel	21	0.081	0.024	0.0091	mg/Kg			1	6020/DOD
Lead	16	0.081	0.024	0.012	mg/Kg		Q	1	6020/DOD
Antimony	0.055	0.16	0.081	0.037	mg/Kg	J		1	6020/DOD
Thallium	0.14	0.081	0.016	0.0082	mg/Kg			1	6020/DOD
Vanadium	12	0.081	0.048	0.024	mg/Kg			1	6020/DOD
Zinc	62	0.40	0.16	0.052	mg/Kg		Q	1	6020/DOD
Potassium	970	8.1	4.8	2.5	mg/Kg			1	6020/DOD
Selenium	0.26	0.40	0.081	0.041	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SB-0040M-0001,0002-SO
Lab Sample ID: 240-22663-16
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 12:53
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.017	0.099	0.030	0.011	mg/Kg	J		1	6020/DOD
Aluminum	7000	3.0	0.59	0.28	mg/Kg		J	1	6020/DOD
Arsenic	12	0.099	0.050	0.018	mg/Kg			1	6020/DOD
Barium	36	0.99	0.020	0.011	mg/Kg		Q	1	6020/DOD
Beryllium	0.41	0.099	0.0099	0.0074	mg/Kg		Q	1	6020/DOD
Calcium	670	9.9	2.5	1.3	mg/Kg			1	6020/DOD
Cadmium	0.12	0.099	0.030	0.013	mg/Kg		Q	1	6020/DOD
Chromium	10	0.20	0.040	0.022	mg/Kg			1	6020/DOD
Cobalt	8.3	0.050	0.0099	0.0024	mg/Kg		Q	1	6020/DOD
Copper	17	0.20	0.059	0.033	mg/Kg		Q	1	6020/DOD
Iron	20000	5.0	2.0	1.1	mg/Kg		J	1	6020/DOD
Magnesium	2200	9.9	2.0	1.1	mg/Kg			1	6020/DOD
Manganese	300	0.50	0.030	0.016	mg/Kg		Q	1	6020/DOD
Sodium	41	9.9	5.0	2.6	mg/Kg			1	6020/DOD
Nickel	19	0.099	0.030	0.011	mg/Kg			1	6020/DOD
Lead	11	0.099	0.030	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.047	0.20	0.099	0.045	mg/Kg	J	J	1	6020/DOD
Thallium	0.11	0.099	0.020	0.010	mg/Kg			1	6020/DOD
Vanadium	12	0.099	0.059	0.030	mg/Kg			1	6020/DOD
Zinc	51	0.50	0.20	0.064	mg/Kg		Q	1	6020/DOD
Potassium	760	9.9	5.9	3.1	mg/Kg			1	6020/DOD
Selenium	0.17	0.50	0.099	0.050	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SB-0041M-0001-SO
Lab Sample ID: 240-22663-17
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 13:03
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.029	0.096	0.029	0.011	mg/Kg	J		1	6020/DOD
Aluminum	4700	2.9	0.58	0.27	mg/Kg			1	6020/DOD
Arsenic	11	0.096	0.048	0.017	mg/Kg			1	6020/DOD
Barium	25	0.96	0.019	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.30	0.096	0.0096	0.0072	mg/Kg		Q	1	6020/DOD
Calcium	3100	9.6	2.4	1.3	mg/Kg			1	6020/DOD
Cadmium	0.16	0.096	0.029	0.013	mg/Kg		Q	1	6020/DOD
Chromium	7.8	0.19	0.038	0.021	mg/Kg			1	6020/DOD
Cobalt	7.3	0.048	0.0096	0.0023	mg/Kg		Q	1	6020/DOD
Copper	16	0.19	0.058	0.032	mg/Kg		Q	1	6020/DOD
Iron	20000	4.8	1.9	1.0	mg/Kg			1	6020/DOD
Magnesium	2100	9.6	1.9	1.0	mg/Kg			1	6020/DOD
Manganese	490	0.48	0.029	0.015	mg/Kg		Q	1	6020/DOD
Sodium	35	9.6	4.8	2.6	mg/Kg			1	6020/DOD
Nickel	17	0.096	0.029	0.011	mg/Kg			1	6020/DOD
Lead	11	0.096	0.029	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.24	0.19	0.096	0.044	mg/Kg			1	6020/DOD
Thallium	0.12	0.096	0.019	0.0098	mg/Kg			1	6020/DOD
Vanadium	8.8	0.096	0.058	0.029	mg/Kg			1	6020/DOD
Zinc	80	0.48	0.19	0.062	mg/Kg		Q	1	6020/DOD
Potassium	730	9.6	5.8	3.0	mg/Kg			1	6020/DOD
Selenium	0.16	0.48	0.096	0.049	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SB-0042M-0001-SO
Lab Sample ID: 240-22663-18
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 13:51
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.027	0.10	0.030	0.011	mg/Kg	J		1	6020/DOD
Aluminum	10000	3.0	0.60	0.28	mg/Kg			1	6020/DOD
Arsenic	14	0.10	0.050	0.018	mg/Kg			1	6020/DOD
Barium	41	1.0	0.020	0.011	mg/Kg		Q	1	6020/DOD
Beryllium	0.52	0.10	0.010	0.0075	mg/Kg		Q	1	6020/DOD
Calcium	7400	10	2.5	1.3	mg/Kg			1	6020/DOD
Cadmium	0.14	0.10	0.030	0.013	mg/Kg		Q	1	6020/DOD
Chromium	15	0.20	0.040	0.022	mg/Kg			1	6020/DOD
Cobalt	12	0.050	0.010	0.0024	mg/Kg		Q	1	6020/DOD
Copper	18	0.20	0.060	0.033	mg/Kg		Q	1	6020/DOD
Iron	27000	5.0	2.0	1.1	mg/Kg			1	6020/DOD
Magnesium	5500	10	2.0	1.1	mg/Kg			1	6020/DOD
Manganese	360	0.50	0.030	0.016	mg/Kg		Q	1	6020/DOD
Sodium	60	10	5.0	2.7	mg/Kg			1	6020/DOD
Nickel	28	0.10	0.030	0.011	mg/Kg			1	6020/DOD
Lead	11	0.10	0.030	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.076	0.20	0.10	0.046	mg/Kg	J		1	6020/DOD
Thallium	0.13	0.10	0.020	0.010	mg/Kg			1	6020/DOD
Vanadium	15	0.10	0.060	0.030	mg/Kg			1	6020/DOD
Zinc	52	0.50	0.20	0.065	mg/Kg		Q	1	6020/DOD
Potassium	1400	10	6.0	3.2	mg/Kg			1	6020/DOD
Selenium	0.21	0.50	0.10	0.051	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SB-0043M-0001-SO
Lab Sample ID: 240-22663-19
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 13:24
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.023	0.096	0.029	0.011	mg/Kg	J		1	6020/DOD
Aluminum	6200	2.9	0.58	0.27	mg/Kg			1	6020/DOD
Arsenic	12	0.096	0.048	0.017	mg/Kg			1	6020/DOD
Barium	33	0.96	0.019	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.36	0.096	0.0096	0.0072	mg/Kg		Q	1	6020/DOD
Calcium	2300	9.6	2.4	1.3	mg/Kg			1	6020/DOD
Cadmium	0.16	0.096	0.029	0.013	mg/Kg		Q	1	6020/DOD
Chromium	9.7	0.19	0.038	0.021	mg/Kg			1	6020/DOD
Cobalt	8.1	0.048	0.0096	0.0023	mg/Kg		Q	1	6020/DOD
Copper	17	0.19	0.058	0.032	mg/Kg		Q	1	6020/DOD
Iron	19000	4.8	1.9	1.0	mg/Kg			1	6020/DOD
Magnesium	2400	9.6	1.9	1.0	mg/Kg			1	6020/DOD
Manganese	340	0.48	0.029	0.015	mg/Kg		Q	1	6020/DOD
Sodium	38	9.6	4.8	2.6	mg/Kg			1	6020/DOD
Nickel	20	0.096	0.029	0.011	mg/Kg			1	6020/DOD
Lead	12	0.096	0.029	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.074	0.19	0.096	0.044	mg/Kg	J		1	6020/DOD
Thallium	0.12	0.096	0.019	0.0098	mg/Kg			1	6020/DOD
Vanadium	10	0.096	0.058	0.029	mg/Kg			1	6020/DOD
Zinc	54	0.48	0.19	0.062	mg/Kg		Q	1	6020/DOD
Potassium	820	9.6	5.8	3.0	mg/Kg			1	6020/DOD
Selenium	0.16	0.48	0.096	0.049	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SB-0044-0001-SO
Lab Sample ID: 240-22663-20
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 13:29
Reporting Basis: DRY
Date Received: 04/02/2013 08:00
% Solids: 90.8

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.028	0.11	0.032	0.012	mg/Kg	J		1	6020/DOD
Aluminum	3700	3.2	0.65	0.31	mg/Kg			1	6020/DOD
Arsenic	7.7	0.11	0.054	0.020	mg/Kg			1	6020/DOD
Barium	20	1.1	0.022	0.012	mg/Kg		Q	1	6020/DOD
Beryllium	0.27	0.11	0.011	0.0081	mg/Kg		Q	1	6020/DOD
Calcium	9400	11	2.7	1.4	mg/Kg			1	6020/DOD
Cadmium	0.26	0.11	0.032	0.014	mg/Kg		Q	1	6020/DOD
Chromium	6.1	0.22	0.043	0.024	mg/Kg			1	6020/DOD
Cobalt	6.4	0.054	0.011	0.0026	mg/Kg		Q	1	6020/DOD
Copper	14	0.22	0.065	0.036	mg/Kg		Q	1	6020/DOD
Iron	17000	5.4	2.2	1.2	mg/Kg			1	6020/DOD
Magnesium	4600	11	2.2	1.2	mg/Kg			1	6020/DOD
Manganese	330	0.54	0.032	0.017	mg/Kg		Q	1	6020/DOD
Sodium	39	11	5.4	2.9	mg/Kg			1	6020/DOD
Nickel	14	0.11	0.032	0.012	mg/Kg			1	6020/DOD
Lead	12	0.11	0.032	0.017	mg/Kg		Q	1	6020/DOD
Antimony	0.089	0.22	0.11	0.050	mg/Kg	J		1	6020/DOD
Thallium	0.11	0.11	0.022	0.011	mg/Kg			1	6020/DOD
Vanadium	7.0	0.11	0.065	0.032	mg/Kg			1	6020/DOD
Zinc	67	0.54	0.22	0.070	mg/Kg		Q	1	6020/DOD
Potassium	660	11	6.5	3.4	mg/Kg			1	6020/DOD
Selenium	0.17	0.54	0.11	0.055	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0021M-0001-SO
Lab Sample ID: 240-22663-21
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 11:21
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.035	0.098	0.029	0.011	mg/Kg	J		1	6020/DOD
Aluminum	8000	2.9	0.59	0.28	mg/Kg			1	6020/DOD
Arsenic	6.6	0.098	0.049	0.018	mg/Kg			1	6020/DOD
Barium	59	0.98	0.020	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.29	0.098	0.0098	0.0074	mg/Kg		Q	1	6020/DOD
Calcium	600	9.8	2.5	1.3	mg/Kg			1	6020/DOD
Cadmium	0.16	0.098	0.029	0.013	mg/Kg		Q	1	6020/DOD
Chromium	11	0.20	0.039	0.022	mg/Kg			1	6020/DOD
Cobalt	6.6	0.049	0.0098	0.0024	mg/Kg		Q	1	6020/DOD
Copper	8.9	0.20	0.059	0.032	mg/Kg		Q	1	6020/DOD
Iron	20000	4.9	2.0	1.1	mg/Kg			1	6020/DOD
Magnesium	1400	9.8	2.0	1.1	mg/Kg			1	6020/DOD
Manganese	450	0.49	0.029	0.016	mg/Kg		Q	1	6020/DOD
Sodium	27	9.8	4.9	2.6	mg/Kg			1	6020/DOD
Nickel	10	0.098	0.029	0.011	mg/Kg			1	6020/DOD
Lead	12	0.098	0.029	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.098	0.20	0.098	0.045	mg/Kg	U		1	6020/DOD
Thallium	0.13	0.098	0.020	0.010	mg/Kg			1	6020/DOD
Vanadium	16	0.098	0.059	0.029	mg/Kg			1	6020/DOD
Zinc	100	0.49	0.20	0.064	mg/Kg		Q	1	6020/DOD
Potassium	580	9.8	5.9	3.1	mg/Kg			1	6020/DOD
Selenium	0.28	0.49	0.098	0.050	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0022M-0001-SO
Lab Sample ID: 240-22663-22
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 11:24
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.026	0.098	0.029	0.011	mg/Kg	J		1	6020/DOD
Aluminum	12000	2.9	0.59	0.28	mg/Kg			1	6020/DOD
Arsenic	11	0.098	0.049	0.018	mg/Kg			1	6020/DOD
Barium	79	0.98	0.020	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.60	0.098	0.0098	0.0074	mg/Kg		Q	1	6020/DOD
Calcium	2000	9.8	2.5	1.3	mg/Kg			1	6020/DOD
Cadmium	0.16	0.098	0.029	0.013	mg/Kg		Q	1	6020/DOD
Chromium	16	0.20	0.039	0.022	mg/Kg			1	6020/DOD
Cobalt	11	0.049	0.0098	0.0024	mg/Kg		Q	1	6020/DOD
Copper	18	0.20	0.059	0.032	mg/Kg		Q	1	6020/DOD
Iron	26000	4.9	2.0	1.1	mg/Kg			1	6020/DOD
Magnesium	3500	9.8	2.0	1.1	mg/Kg			1	6020/DOD
Manganese	310	0.49	0.029	0.016	mg/Kg		Q	1	6020/DOD
Sodium	42	9.8	4.9	2.6	mg/Kg			1	6020/DOD
Nickel	26	0.098	0.029	0.011	mg/Kg			1	6020/DOD
Lead	12	0.098	0.029	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.098	0.20	0.098	0.045	mg/Kg	U		1	6020/DOD
Thallium	0.15	0.098	0.020	0.010	mg/Kg			1	6020/DOD
Vanadium	17	0.098	0.059	0.029	mg/Kg			1	6020/DOD
Zinc	62	0.49	0.20	0.064	mg/Kg		Q	1	6020/DOD
Potassium	1100	9.8	5.9	3.1	mg/Kg			1	6020/DOD
Selenium	0.30	0.49	0.098	0.050	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0023M-0001-SO
Lab Sample ID: 240-22663-23
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 11:24
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.025	0.10	0.030	0.011	mg/Kg	J		1	6020/DOD
Aluminum	12000	3.0	0.60	0.28	mg/Kg			1	6020/DOD
Arsenic	11	0.10	0.050	0.018	mg/Kg			1	6020/DOD
Barium	72	1.0	0.020	0.011	mg/Kg		Q	1	6020/DOD
Beryllium	0.60	0.10	0.010	0.0075	mg/Kg		Q	1	6020/DOD
Calcium	2700	10	2.5	1.3	mg/Kg			1	6020/DOD
Cadmium	0.15	0.10	0.030	0.013	mg/Kg		Q	1	6020/DOD
Chromium	16	0.20	0.040	0.022	mg/Kg			1	6020/DOD
Cobalt	11	0.050	0.010	0.0024	mg/Kg		Q	1	6020/DOD
Copper	18	0.20	0.060	0.033	mg/Kg		Q	1	6020/DOD
Iron	26000	5.0	2.0	1.1	mg/Kg			1	6020/DOD
Magnesium	3500	10	2.0	1.1	mg/Kg			1	6020/DOD
Manganese	300	0.50	0.030	0.016	mg/Kg		Q	1	6020/DOD
Sodium	42	10	5.0	2.7	mg/Kg			1	6020/DOD
Nickel	25	0.10	0.030	0.011	mg/Kg			1	6020/DOD
Lead	13	0.10	0.030	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.10	0.20	0.10	0.046	mg/Kg	U		1	6020/DOD
Thallium	0.15	0.10	0.020	0.010	mg/Kg			1	6020/DOD
Vanadium	17	0.10	0.060	0.030	mg/Kg			1	6020/DOD
Zinc	60	0.50	0.20	0.065	mg/Kg		Q	1	6020/DOD
Potassium	1100	10	6.0	3.2	mg/Kg			1	6020/DOD
Selenium	0.27	0.50	0.10	0.051	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0024M-0001,0002-SO
Lab Sample ID: 240-22663-24
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 11:29
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.030	0.097	0.029	0.011	mg/Kg	J		1	6020/DOD
Aluminum	12000	2.9	0.58	0.28	mg/Kg		J	1	6020/DOD
Arsenic	10	0.097	0.049	0.018	mg/Kg			1	6020/DOD
Barium	72	0.97	0.019	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.55	0.097	0.0097	0.0073	mg/Kg		Q	1	6020/DOD
Calcium	1000	9.7	2.4	1.3	mg/Kg			1	6020/DOD
Cadmium	0.18	0.097	0.029	0.013	mg/Kg		Q	1	6020/DOD
Chromium	15	0.19	0.039	0.022	mg/Kg			1	6020/DOD
Cobalt	11	0.049	0.0097	0.0023	mg/Kg		Q	1	6020/DOD
Copper	17	0.19	0.058	0.032	mg/Kg		Q	1	6020/DOD
Iron	25000	4.9	1.9	1.0	mg/Kg		J	1	6020/DOD
Magnesium	2800	9.7	1.9	1.0	mg/Kg			1	6020/DOD
Manganese	260	0.49	0.029	0.015	mg/Kg		Q	1	6020/DOD
Sodium	35	9.7	4.9	2.6	mg/Kg			1	6020/DOD
Nickel	21	0.097	0.029	0.011	mg/Kg			1	6020/DOD
Lead	12	0.097	0.029	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.097	0.19	0.097	0.045	mg/Kg	U	J	1	6020/DOD
Thallium	0.15	0.097	0.019	0.0099	mg/Kg			1	6020/DOD
Vanadium	19	0.097	0.058	0.029	mg/Kg			1	6020/DOD
Zinc	68	0.49	0.19	0.063	mg/Kg		Q	1	6020/DOD
Potassium	890	9.7	5.8	3.1	mg/Kg			1	6020/DOD
Selenium	0.35	0.49	0.097	0.049	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0025M-0001-SO
Lab Sample ID: 240-22663-25
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 10:23
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.028	0.096	0.029	0.011	mg/Kg	J		1	6020/DOD
Aluminum	8900	2.9	0.58	0.27	mg/Kg			1	6020/DOD
Arsenic	6.9	0.096	0.048	0.017	mg/Kg			1	6020/DOD
Barium	58	0.96	0.019	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.42	0.096	0.0096	0.0072	mg/Kg		Q	1	6020/DOD
Calcium	2200	9.6	2.4	1.3	mg/Kg			1	6020/DOD
Cadmium	0.22	0.096	0.029	0.013	mg/Kg		Q	1	6020/DOD
Chromium	12	0.19	0.038	0.021	mg/Kg			1	6020/DOD
Cobalt	8.6	0.048	0.0096	0.0023	mg/Kg		Q	1	6020/DOD
Copper	11	0.19	0.058	0.032	mg/Kg		Q	1	6020/DOD
Iron	19000	4.8	1.9	1.0	mg/Kg			1	6020/DOD
Magnesium	2400	9.6	1.9	1.0	mg/Kg			1	6020/DOD
Manganese	560	0.48	0.029	0.015	mg/Kg		Q	1	6020/DOD
Sodium	34	9.6	4.8	2.6	mg/Kg			1	6020/DOD
Nickel	16	0.096	0.029	0.011	mg/Kg			1	6020/DOD
Lead	11	0.096	0.029	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.096	0.19	0.096	0.044	mg/Kg	U		1	6020/DOD
Thallium	0.13	0.096	0.019	0.0098	mg/Kg			1	6020/DOD
Vanadium	16	0.096	0.058	0.029	mg/Kg			1	6020/DOD
Zinc	160	0.48	0.19	0.062	mg/Kg		Q	1	6020/DOD
Potassium	820	9.6	5.8	3.0	mg/Kg			1	6020/DOD
Selenium	0.27	0.48	0.096	0.049	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0026M-0001-SO
Lab Sample ID: 240-22663-26
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 10:37
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.023	0.096	0.029	0.011	mg/Kg	J		1	6020/DOD
Aluminum	12000	2.9	0.58	0.27	mg/Kg			1	6020/DOD
Arsenic	10	0.096	0.048	0.017	mg/Kg			1	6020/DOD
Barium	62	0.96	0.019	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.58	0.096	0.0096	0.0072	mg/Kg		Q	1	6020/DOD
Calcium	3900	9.6	2.4	1.3	mg/Kg			1	6020/DOD
Cadmium	0.15	0.096	0.029	0.013	mg/Kg		Q	1	6020/DOD
Chromium	17	0.19	0.038	0.021	mg/Kg			1	6020/DOD
Cobalt	11	0.048	0.0096	0.0023	mg/Kg		Q	1	6020/DOD
Copper	19	0.19	0.058	0.032	mg/Kg		Q	1	6020/DOD
Iron	27000	4.8	1.9	1.0	mg/Kg			1	6020/DOD
Magnesium	3800	9.6	1.9	1.0	mg/Kg			1	6020/DOD
Manganese	240	0.48	0.029	0.015	mg/Kg		Q	1	6020/DOD
Sodium	42	9.6	4.8	2.6	mg/Kg			1	6020/DOD
Nickel	26	0.096	0.029	0.011	mg/Kg			1	6020/DOD
Lead	12	0.096	0.029	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.096	0.19	0.096	0.044	mg/Kg	U		1	6020/DOD
Thallium	0.15	0.096	0.019	0.0098	mg/Kg			1	6020/DOD
Vanadium	19	0.096	0.058	0.029	mg/Kg			1	6020/DOD
Zinc	53	0.48	0.19	0.062	mg/Kg		Q	1	6020/DOD
Potassium	1000	9.6	5.8	3.0	mg/Kg			1	6020/DOD
Selenium	0.27	0.48	0.096	0.049	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0027M-0001-SO
Lab Sample ID: 240-22663-27
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 11:12
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.035	0.097	0.029	0.011	mg/Kg	J		1	6020/DOD
Aluminum	9500	2.9	0.58	0.28	mg/Kg			1	6020/DOD
Arsenic	11	0.097	0.049	0.018	mg/Kg			1	6020/DOD
Barium	82	0.97	0.019	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.46	0.097	0.0097	0.0073	mg/Kg		Q	1	6020/DOD
Calcium	360	9.7	2.4	1.3	mg/Kg			1	6020/DOD
Cadmium	0.098	0.097	0.029	0.013	mg/Kg		Q	1	6020/DOD
Chromium	15	0.19	0.039	0.022	mg/Kg			1	6020/DOD
Cobalt	12	0.049	0.0097	0.0023	mg/Kg		Q	1	6020/DOD
Copper	14	0.19	0.058	0.032	mg/Kg		Q	1	6020/DOD
Iron	28000	4.9	1.9	1.0	mg/Kg			1	6020/DOD
Magnesium	2200	9.7	1.9	1.0	mg/Kg			1	6020/DOD
Manganese	840	0.49	0.029	0.015	mg/Kg		Q	1	6020/DOD
Sodium	32	9.7	4.9	2.6	mg/Kg			1	6020/DOD
Nickel	18	0.097	0.029	0.011	mg/Kg			1	6020/DOD
Lead	14	0.097	0.029	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.097	0.19	0.097	0.045	mg/Kg	U		1	6020/DOD
Thallium	0.13	0.097	0.019	0.0099	mg/Kg			1	6020/DOD
Vanadium	20	0.097	0.058	0.029	mg/Kg			1	6020/DOD
Zinc	47	0.49	0.19	0.063	mg/Kg		Q	1	6020/DOD
Potassium	790	9.7	5.8	3.1	mg/Kg			1	6020/DOD
Selenium	0.32	0.49	0.097	0.049	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0028M-0001-SO
Lab Sample ID: 240-22663-28
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 10:43
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.026	0.095	0.029	0.011	mg/Kg	J		1	6020/DOD
Aluminum	7900	2.9	0.57	0.27	mg/Kg			1	6020/DOD
Arsenic	6.7	0.095	0.048	0.017	mg/Kg			1	6020/DOD
Barium	51	0.95	0.019	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.34	0.095	0.0095	0.0071	mg/Kg		Q	1	6020/DOD
Calcium	380	9.5	2.4	1.3	mg/Kg			1	6020/DOD
Cadmium	0.18	0.095	0.029	0.013	mg/Kg		Q	1	6020/DOD
Chromium	10	0.19	0.038	0.021	mg/Kg			1	6020/DOD
Cobalt	5.0	0.048	0.0095	0.0023	mg/Kg		Q	1	6020/DOD
Copper	9.4	0.19	0.057	0.031	mg/Kg		Q	1	6020/DOD
Iron	17000	4.8	1.9	1.0	mg/Kg			1	6020/DOD
Magnesium	1400	9.5	1.9	1.0	mg/Kg			1	6020/DOD
Manganese	130	0.48	0.029	0.015	mg/Kg		Q	1	6020/DOD
Sodium	27	9.5	4.8	2.5	mg/Kg			1	6020/DOD
Nickel	12	0.095	0.029	0.011	mg/Kg			1	6020/DOD
Lead	11	0.095	0.029	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.095	0.19	0.095	0.044	mg/Kg	U		1	6020/DOD
Thallium	0.12	0.095	0.019	0.0097	mg/Kg			1	6020/DOD
Vanadium	14	0.095	0.057	0.028	mg/Kg			1	6020/DOD
Zinc	42	0.48	0.19	0.062	mg/Kg		Q	1	6020/DOD
Potassium	570	9.5	5.7	3.0	mg/Kg			1	6020/DOD
Selenium	0.34	0.48	0.095	0.048	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SB-0029-0001-SO
Lab Sample ID: 240-22663-29
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 10:55
Reporting Basis: DRY
Date Received: 04/02/2013 08:00
% Solids: 94.0

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.031	0.10	0.031	0.012	mg/Kg	J		1	6020/DOD
Aluminum	2600	3.1	0.61	0.29	mg/Kg			1	6020/DOD
Arsenic	8.9	0.10	0.051	0.019	mg/Kg			1	6020/DOD
Barium	15	1.0	0.020	0.011	mg/Kg		Q	1	6020/DOD
Beryllium	0.13	0.10	0.010	0.0077	mg/Kg		Q	1	6020/DOD
Calcium	8800	10	2.6	1.4	mg/Kg			1	6020/DOD
Cadmium	0.13	0.10	0.031	0.014	mg/Kg		Q	1	6020/DOD
Chromium	4.0	0.20	0.041	0.023	mg/Kg			1	6020/DOD
Cobalt	3.9	0.051	0.010	0.0025	mg/Kg		Q	1	6020/DOD
Copper	16	0.20	0.061	0.034	mg/Kg		Q	1	6020/DOD
Iron	12000	5.1	2.0	1.1	mg/Kg			1	6020/DOD
Magnesium	2800	10	2.0	1.1	mg/Kg			1	6020/DOD
Manganese	200	0.51	0.031	0.016	mg/Kg		Q	1	6020/DOD
Sodium	40	10	5.1	2.7	mg/Kg			1	6020/DOD
Nickel	9.7	0.10	0.031	0.012	mg/Kg			1	6020/DOD
Lead	8.1	0.10	0.031	0.016	mg/Kg		Q	1	6020/DOD
Antimony	0.26	0.20	0.10	0.047	mg/Kg			1	6020/DOD
Thallium	0.091	0.10	0.020	0.010	mg/Kg	J		1	6020/DOD
Vanadium	5.1	0.10	0.061	0.031	mg/Kg			1	6020/DOD
Zinc	43	0.51	0.20	0.066	mg/Kg		Q	1	6020/DOD
Potassium	440	10	6.1	3.2	mg/Kg			1	6020/DOD
Selenium	0.17	0.51	0.10	0.052	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0017M-0001-SO
Lab Sample ID: 240-22663-31
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 15:42
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.036	0.099	0.030	0.011	mg/Kg	J		1	6020/DOD
Aluminum	11000	3.0	0.59	0.28	mg/Kg			1	6020/DOD
Arsenic	8.6	0.099	0.050	0.018	mg/Kg			1	6020/DOD
Barium	81	0.99	0.020	0.011	mg/Kg		Q	1	6020/DOD
Beryllium	0.60	0.099	0.0099	0.0074	mg/Kg		Q	1	6020/DOD
Calcium	30000	9.9	2.5	1.3	mg/Kg			1	6020/DOD
Cadmium	0.26	0.099	0.030	0.013	mg/Kg		Q	1	6020/DOD
Chromium	15	0.20	0.040	0.022	mg/Kg			1	6020/DOD
Cobalt	9.9	0.050	0.0099	0.0024	mg/Kg		Q	1	6020/DOD
Copper	19	0.20	0.059	0.033	mg/Kg		Q	1	6020/DOD
Iron	22000	5.0	2.0	1.1	mg/Kg			1	6020/DOD
Magnesium	6200	9.9	2.0	1.1	mg/Kg			1	6020/DOD
Manganese	450	0.50	0.030	0.016	mg/Kg		Q	1	6020/DOD
Sodium	92	9.9	5.0	2.6	mg/Kg			1	6020/DOD
Nickel	23	0.099	0.030	0.011	mg/Kg			1	6020/DOD
Lead	14	0.099	0.030	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.068	0.20	0.099	0.045	mg/Kg	J		1	6020/DOD
Thallium	0.15	0.099	0.020	0.010	mg/Kg			1	6020/DOD
Vanadium	17	0.099	0.059	0.030	mg/Kg			1	6020/DOD
Zinc	54	0.50	0.20	0.064	mg/Kg		Q	1	6020/DOD
Potassium	1400	9.9	5.9	3.1	mg/Kg			1	6020/DOD
Selenium	0.40	0.50	0.099	0.050	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0018M-0001-SO
Lab Sample ID: 240-22663-32
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 15:43
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.034	0.10	0.030	0.011	mg/Kg	J		1	6020/DOD
Aluminum	9300	3.0	0.60	0.28	mg/Kg			1	6020/DOD
Arsenic	12	0.10	0.050	0.018	mg/Kg			1	6020/DOD
Barium	50	1.0	0.020	0.011	mg/Kg		Q	1	6020/DOD
Beryllium	0.44	0.10	0.010	0.0075	mg/Kg		Q	1	6020/DOD
Calcium	34000	10	2.5	1.3	mg/Kg			1	6020/DOD
Cadmium	0.17	0.10	0.030	0.013	mg/Kg		Q	1	6020/DOD
Chromium	14	0.20	0.040	0.022	mg/Kg			1	6020/DOD
Cobalt	10	0.050	0.010	0.0024	mg/Kg		Q	1	6020/DOD
Copper	18	0.20	0.060	0.033	mg/Kg		Q	1	6020/DOD
Iron	24000	5.0	2.0	1.1	mg/Kg			1	6020/DOD
Magnesium	7400	10	2.0	1.1	mg/Kg			1	6020/DOD
Manganese	380	0.50	0.030	0.016	mg/Kg		Q	1	6020/DOD
Sodium	88	10	5.0	2.7	mg/Kg			1	6020/DOD
Nickel	25	0.10	0.030	0.011	mg/Kg			1	6020/DOD
Lead	11	0.10	0.030	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.10	0.20	0.10	0.046	mg/Kg	U		1	6020/DOD
Thallium	0.14	0.10	0.020	0.010	mg/Kg			1	6020/DOD
Vanadium	15	0.10	0.060	0.030	mg/Kg			1	6020/DOD
Zinc	46	0.50	0.20	0.065	mg/Kg		Q	1	6020/DOD
Potassium	1400	10	6.0	3.2	mg/Kg			1	6020/DOD
Selenium	0.22	0.50	0.10	0.051	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0019M-0001-SO
Lab Sample ID: 240-22663-33
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 15:21
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.040	0.099	0.030	0.011	mg/Kg	J		1	6020/DOD
Aluminum	11000	3.0	0.59	0.28	mg/Kg			1	6020/DOD
Arsenic	11	0.099	0.050	0.018	mg/Kg			1	6020/DOD
Barium	74	0.99	0.020	0.011	mg/Kg		Q	1	6020/DOD
Beryllium	0.57	0.099	0.0099	0.0074	mg/Kg		Q	1	6020/DOD
Calcium	25000	9.9	2.5	1.3	mg/Kg			1	6020/DOD
Cadmium	0.23	0.099	0.030	0.013	mg/Kg		Q	1	6020/DOD
Chromium	18	0.20	0.040	0.022	mg/Kg			1	6020/DOD
Cobalt	12	0.050	0.0099	0.0024	mg/Kg		Q	1	6020/DOD
Copper	20	0.20	0.059	0.033	mg/Kg		Q	1	6020/DOD
Iron	26000	5.0	2.0	1.1	mg/Kg			1	6020/DOD
Magnesium	7400	9.9	2.0	1.1	mg/Kg			1	6020/DOD
Manganese	360	0.50	0.030	0.016	mg/Kg		Q	1	6020/DOD
Sodium	120	9.9	5.0	2.6	mg/Kg			1	6020/DOD
Nickel	29	0.099	0.030	0.011	mg/Kg			1	6020/DOD
Lead	12	0.099	0.030	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.099	0.20	0.099	0.045	mg/Kg	U		1	6020/DOD
Thallium	0.16	0.099	0.020	0.010	mg/Kg			1	6020/DOD
Vanadium	18	0.099	0.059	0.030	mg/Kg			1	6020/DOD
Zinc	49	0.50	0.20	0.064	mg/Kg		Q	1	6020/DOD
Potassium	1500	9.9	5.9	3.1	mg/Kg			1	6020/DOD
Selenium	0.31	0.50	0.099	0.050	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0022M-0001-SO
Lab Sample ID: 240-22663-34
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 15:21
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.037	0.097	0.029	0.011	mg/Kg	J		1	6020/DOD
Aluminum	11000	2.9	0.58	0.28	mg/Kg			1	6020/DOD
Arsenic	11	0.097	0.049	0.018	mg/Kg			1	6020/DOD
Barium	61	0.97	0.019	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.56	0.097	0.0097	0.0073	mg/Kg		Q	1	6020/DOD
Calcium	26000	9.7	2.4	1.3	mg/Kg			1	6020/DOD
Cadmium	0.19	0.097	0.029	0.013	mg/Kg		Q	1	6020/DOD
Chromium	17	0.19	0.039	0.022	mg/Kg			1	6020/DOD
Cobalt	13	0.049	0.0097	0.0023	mg/Kg		Q	1	6020/DOD
Copper	19	0.19	0.058	0.032	mg/Kg		Q	1	6020/DOD
Iron	25000	4.9	1.9	1.0	mg/Kg			1	6020/DOD
Magnesium	7400	9.7	1.9	1.0	mg/Kg			1	6020/DOD
Manganese	380	0.49	0.029	0.015	mg/Kg		Q	1	6020/DOD
Sodium	120	9.7	4.9	2.6	mg/Kg			1	6020/DOD
Nickel	29	0.097	0.029	0.011	mg/Kg			1	6020/DOD
Lead	11	0.097	0.029	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.097	0.19	0.097	0.045	mg/Kg	U		1	6020/DOD
Thallium	0.16	0.097	0.019	0.0099	mg/Kg			1	6020/DOD
Vanadium	18	0.097	0.058	0.029	mg/Kg			1	6020/DOD
Zinc	48	0.49	0.19	0.063	mg/Kg		Q	1	6020/DOD
Potassium	1400	9.7	5.8	3.1	mg/Kg			1	6020/DOD
Selenium	0.28	0.49	0.097	0.049	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0020M-0001-SO
Lab Sample ID: 240-22663-35
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 15:50
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.034	0.10	0.030	0.011	mg/Kg	J		1	6020/DOD
Aluminum	11000	3.0	0.60	0.28	mg/Kg			1	6020/DOD
Arsenic	11	0.10	0.050	0.018	mg/Kg			1	6020/DOD
Barium	70	1.0	0.020	0.011	mg/Kg		Q	1	6020/DOD
Beryllium	0.53	0.10	0.010	0.0075	mg/Kg		Q	1	6020/DOD
Calcium	30000	10	2.5	1.3	mg/Kg			1	6020/DOD
Cadmium	0.19	0.10	0.030	0.013	mg/Kg		Q	1	6020/DOD
Chromium	16	0.20	0.040	0.022	mg/Kg			1	6020/DOD
Cobalt	11	0.050	0.010	0.0024	mg/Kg		Q	1	6020/DOD
Copper	19	0.20	0.060	0.033	mg/Kg		Q	1	6020/DOD
Iron	24000	5.0	2.0	1.1	mg/Kg			1	6020/DOD
Magnesium	7800	10	2.0	1.1	mg/Kg			1	6020/DOD
Manganese	410	0.50	0.030	0.016	mg/Kg		Q	1	6020/DOD
Sodium	130	10	5.0	2.7	mg/Kg			1	6020/DOD
Nickel	27	0.10	0.030	0.011	mg/Kg			1	6020/DOD
Lead	11	0.10	0.030	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.10	0.20	0.10	0.046	mg/Kg	U		1	6020/DOD
Thallium	0.17	0.10	0.020	0.010	mg/Kg			1	6020/DOD
Vanadium	17	0.10	0.060	0.030	mg/Kg			1	6020/DOD
Zinc	47	0.50	0.20	0.065	mg/Kg		Q	1	6020/DOD
Potassium	1500	10	6.0	3.2	mg/Kg			1	6020/DOD
Selenium	0.28	0.50	0.10	0.051	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0023M-0001-SO
Lab Sample ID: 240-22663-36
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 14:40
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.036	0.10	0.030	0.011	mg/Kg	J		1	6020/DOD
Aluminum	11000	3.0	0.60	0.28	mg/Kg			1	6020/DOD
Arsenic	9.0	0.10	0.050	0.018	mg/Kg			1	6020/DOD
Barium	71	1.0	0.020	0.011	mg/Kg		Q	1	6020/DOD
Beryllium	0.59	0.10	0.010	0.0075	mg/Kg		Q	1	6020/DOD
Calcium	14000	10	2.5	1.3	mg/Kg			1	6020/DOD
Cadmium	0.27	0.10	0.030	0.013	mg/Kg		Q	1	6020/DOD
Chromium	16	0.20	0.040	0.022	mg/Kg			1	6020/DOD
Cobalt	10	0.050	0.010	0.0024	mg/Kg		Q	1	6020/DOD
Copper	19	0.20	0.060	0.033	mg/Kg		Q	1	6020/DOD
Iron	23000	5.0	2.0	1.1	mg/Kg			1	6020/DOD
Magnesium	4800	10	2.0	1.1	mg/Kg			1	6020/DOD
Manganese	520	0.50	0.030	0.016	mg/Kg		Q	1	6020/DOD
Sodium	71	10	5.0	2.7	mg/Kg			1	6020/DOD
Nickel	23	0.10	0.030	0.011	mg/Kg			1	6020/DOD
Lead	14	0.10	0.030	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.10	0.20	0.10	0.046	mg/Kg	U		1	6020/DOD
Thallium	0.15	0.10	0.020	0.010	mg/Kg			1	6020/DOD
Vanadium	18	0.10	0.060	0.030	mg/Kg			1	6020/DOD
Zinc	53	0.50	0.20	0.065	mg/Kg		Q	1	6020/DOD
Potassium	1300	10	6.0	3.2	mg/Kg			1	6020/DOD
Selenium	0.35	0.50	0.10	0.051	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0024M-0001-SO
Lab Sample ID: 240-22663-37
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 14:20
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.040	0.10	0.030	0.011	mg/Kg	J		1	6020/DOD
Aluminum	10000	3.0	0.60	0.28	mg/Kg			1	6020/DOD
Arsenic	14	0.10	0.050	0.018	mg/Kg			1	6020/DOD
Barium	63	1.0	0.020	0.011	mg/Kg		Q	1	6020/DOD
Beryllium	0.58	0.10	0.010	0.0075	mg/Kg		Q	1	6020/DOD
Calcium	16000	10	2.5	1.3	mg/Kg			1	6020/DOD
Cadmium	0.21	0.10	0.030	0.013	mg/Kg		Q	1	6020/DOD
Chromium	14	0.20	0.040	0.022	mg/Kg			1	6020/DOD
Cobalt	11	0.050	0.010	0.0024	mg/Kg		Q	1	6020/DOD
Copper	18	0.20	0.060	0.033	mg/Kg		Q	1	6020/DOD
Iron	24000	5.0	2.0	1.1	mg/Kg			1	6020/DOD
Magnesium	5500	10	2.0	1.1	mg/Kg			1	6020/DOD
Manganese	510	0.50	0.030	0.016	mg/Kg		Q	1	6020/DOD
Sodium	76	10	5.0	2.7	mg/Kg			1	6020/DOD
Nickel	24	0.10	0.030	0.011	mg/Kg			1	6020/DOD
Lead	15	0.10	0.030	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.10	0.20	0.10	0.046	mg/Kg	U		1	6020/DOD
Thallium	0.13	0.10	0.020	0.010	mg/Kg			1	6020/DOD
Vanadium	16	0.10	0.060	0.030	mg/Kg			1	6020/DOD
Zinc	56	0.50	0.20	0.065	mg/Kg		Q	1	6020/DOD
Potassium	1200	10	6.0	3.2	mg/Kg			1	6020/DOD
Selenium	0.33	0.50	0.10	0.051	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0025M-0001-SO
Lab Sample ID: 240-22663-38
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 14:45
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.041	0.10	0.030	0.011	mg/Kg	J		1	6020/DOD
Aluminum	8700	3.0	0.60	0.28	mg/Kg			1	6020/DOD
Arsenic	13	0.10	0.050	0.018	mg/Kg			1	6020/DOD
Barium	51	1.0	0.020	0.011	mg/Kg		Q	1	6020/DOD
Beryllium	0.42	0.10	0.010	0.0075	mg/Kg		Q	1	6020/DOD
Calcium	20000	10	2.5	1.3	mg/Kg			1	6020/DOD
Cadmium	0.28	0.10	0.030	0.013	mg/Kg		Q	1	6020/DOD
Chromium	12	0.20	0.040	0.022	mg/Kg			1	6020/DOD
Cobalt	9.1	0.050	0.010	0.0024	mg/Kg		Q	1	6020/DOD
Copper	24	0.20	0.060	0.033	mg/Kg		Q	1	6020/DOD
Iron	22000	5.0	2.0	1.1	mg/Kg			1	6020/DOD
Magnesium	5300	10	2.0	1.1	mg/Kg			1	6020/DOD
Manganese	420	0.50	0.030	0.016	mg/Kg		Q	1	6020/DOD
Sodium	78	10	5.0	2.7	mg/Kg			1	6020/DOD
Nickel	21	0.10	0.030	0.011	mg/Kg			1	6020/DOD
Lead	16	0.10	0.030	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.10	0.20	0.10	0.046	mg/Kg	U		1	6020/DOD
Thallium	0.13	0.10	0.020	0.010	mg/Kg			1	6020/DOD
Vanadium	13	0.10	0.060	0.030	mg/Kg			1	6020/DOD
Zinc	77	0.50	0.20	0.065	mg/Kg		Q	1	6020/DOD
Potassium	1200	10	6.0	3.2	mg/Kg			1	6020/DOD
Selenium	0.30	0.50	0.10	0.051	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0032-0001-SO
Lab Sample ID: 240-22663-39
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 15:30
Reporting Basis: DRY
Date Received: 04/02/2013 08:00
% Solids: 87.6

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.029	0.11	0.034	0.013	mg/Kg	J		1	6020/DOD
Aluminum	8800	3.4	0.68	0.32	mg/Kg			1	6020/DOD
Arsenic	16	0.11	0.057	0.020	mg/Kg			1	6020/DOD
Barium	34	1.1	0.023	0.012	mg/Kg		Q	1	6020/DOD
Beryllium	0.41	0.11	0.011	0.0085	mg/Kg		Q	1	6020/DOD
Calcium	4300	11	2.8	1.5	mg/Kg			1	6020/DOD
Cadmium	0.14	0.11	0.034	0.015	mg/Kg		Q	1	6020/DOD
Chromium	13	0.23	0.045	0.025	mg/Kg			1	6020/DOD
Cobalt	12	0.057	0.011	0.0027	mg/Kg		Q	1	6020/DOD
Copper	20	0.23	0.068	0.037	mg/Kg		Q	1	6020/DOD
Iron	26000	5.7	2.3	1.2	mg/Kg			1	6020/DOD
Magnesium	5200	11	2.3	1.2	mg/Kg			1	6020/DOD
Manganese	620	0.57	0.034	0.018	mg/Kg		Q	1	6020/DOD
Sodium	64	11	5.7	3.0	mg/Kg			1	6020/DOD
Nickel	29	0.11	0.034	0.013	mg/Kg			1	6020/DOD
Lead	12	0.11	0.034	0.017	mg/Kg		Q	1	6020/DOD
Antimony	0.11	0.23	0.11	0.052	mg/Kg	U		1	6020/DOD
Thallium	0.14	0.11	0.023	0.012	mg/Kg			1	6020/DOD
Vanadium	13	0.11	0.068	0.034	mg/Kg			1	6020/DOD
Zinc	50	0.57	0.23	0.073	mg/Kg		Q	1	6020/DOD
Potassium	1000	11	6.8	3.6	mg/Kg			1	6020/DOD
Selenium	0.25	0.57	0.11	0.058	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0027M-0001-SO
Lab Sample ID: 240-22663-40
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 14:00
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.036	0.097	0.029	0.011	mg/Kg	J		1	6020/DOD
Aluminum	13000	2.9	0.58	0.28	mg/Kg			1	6020/DOD
Arsenic	9.7	0.097	0.049	0.018	mg/Kg			1	6020/DOD
Barium	81	0.97	0.019	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.64	0.097	0.0097	0.0073	mg/Kg		Q	1	6020/DOD
Calcium	26000	9.7	2.4	1.3	mg/Kg			1	6020/DOD
Cadmium	0.21	0.097	0.029	0.013	mg/Kg		Q	1	6020/DOD
Chromium	19	0.19	0.039	0.022	mg/Kg			1	6020/DOD
Cobalt	13	0.049	0.0097	0.0023	mg/Kg		Q	1	6020/DOD
Copper	20	0.19	0.058	0.032	mg/Kg		Q	1	6020/DOD
Iron	26000	4.9	1.9	1.0	mg/Kg			1	6020/DOD
Magnesium	7900	9.7	1.9	1.0	mg/Kg			1	6020/DOD
Manganese	410	0.49	0.029	0.015	mg/Kg		Q	1	6020/DOD
Sodium	98	9.7	4.9	2.6	mg/Kg			1	6020/DOD
Nickel	31	0.097	0.029	0.011	mg/Kg			1	6020/DOD
Lead	12	0.097	0.029	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.097	0.19	0.097	0.045	mg/Kg	U		1	6020/DOD
Thallium	0.18	0.097	0.019	0.0099	mg/Kg			1	6020/DOD
Vanadium	20	0.097	0.058	0.029	mg/Kg			1	6020/DOD
Zinc	51	0.49	0.19	0.063	mg/Kg		Q	1	6020/DOD
Potassium	1700	9.7	5.8	3.1	mg/Kg			1	6020/DOD
Selenium	0.35	0.49	0.097	0.049	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0028M-0001-SO
Lab Sample ID: 240-22663-41
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 14:02
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.035	0.098	0.029	0.011	mg/Kg	J		1	6020/DOD
Aluminum	7400	2.9	0.59	0.28	mg/Kg			1	6020/DOD
Arsenic	16	0.098	0.049	0.018	mg/Kg			1	6020/DOD
Barium	40	0.98	0.020	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.38	0.098	0.0098	0.0074	mg/Kg		Q	1	6020/DOD
Calcium	22000	9.8	2.5	1.3	mg/Kg			1	6020/DOD
Cadmium	0.17	0.098	0.029	0.013	mg/Kg		Q	1	6020/DOD
Chromium	11	0.20	0.039	0.022	mg/Kg			1	6020/DOD
Cobalt	8.8	0.049	0.0098	0.0024	mg/Kg		Q	1	6020/DOD
Copper	19	0.20	0.059	0.032	mg/Kg		Q	1	6020/DOD
Iron	22000	4.9	2.0	1.1	mg/Kg			1	6020/DOD
Magnesium	5600	9.8	2.0	1.1	mg/Kg			1	6020/DOD
Manganese	360	0.49	0.029	0.016	mg/Kg		Q	1	6020/DOD
Sodium	64	9.8	4.9	2.6	mg/Kg			1	6020/DOD
Nickel	24	0.098	0.029	0.011	mg/Kg			1	6020/DOD
Lead	12	0.098	0.029	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.098	0.20	0.098	0.045	mg/Kg	U		1	6020/DOD
Thallium	0.12	0.098	0.020	0.010	mg/Kg			1	6020/DOD
Vanadium	12	0.098	0.059	0.029	mg/Kg			1	6020/DOD
Zinc	47	0.49	0.20	0.064	mg/Kg		Q	1	6020/DOD
Potassium	970	9.8	5.9	3.1	mg/Kg			1	6020/DOD
Selenium	0.32	0.49	0.098	0.050	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0030M-0001-SO
Lab Sample ID: 240-22663-43
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 14:05
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.041	0.095	0.029	0.011	mg/Kg	J		1	6020/DOD
Aluminum	10000	2.9	0.57	0.27	mg/Kg			1	6020/DOD
Arsenic	11	0.095	0.048	0.017	mg/Kg			1	6020/DOD
Barium	69	0.95	0.019	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.49	0.095	0.0095	0.0071	mg/Kg		Q	1	6020/DOD
Calcium	35000	9.5	2.4	1.3	mg/Kg			1	6020/DOD
Cadmium	0.21	0.095	0.029	0.013	mg/Kg		Q	1	6020/DOD
Chromium	15	0.19	0.038	0.021	mg/Kg			1	6020/DOD
Cobalt	10	0.048	0.0095	0.0023	mg/Kg		Q	1	6020/DOD
Copper	19	0.19	0.057	0.031	mg/Kg		Q	1	6020/DOD
Iron	23000	4.8	1.9	1.0	mg/Kg			1	6020/DOD
Magnesium	7600	9.5	1.9	1.0	mg/Kg			1	6020/DOD
Manganese	400	0.48	0.029	0.015	mg/Kg		Q	1	6020/DOD
Sodium	83	9.5	4.8	2.5	mg/Kg			1	6020/DOD
Nickel	26	0.095	0.029	0.011	mg/Kg			1	6020/DOD
Lead	11	0.095	0.029	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.095	0.19	0.095	0.044	mg/Kg	U		1	6020/DOD
Thallium	0.15	0.095	0.019	0.0097	mg/Kg			1	6020/DOD
Vanadium	16	0.095	0.057	0.028	mg/Kg			1	6020/DOD
Zinc	45	0.48	0.19	0.062	mg/Kg		Q	1	6020/DOD
Potassium	1400	9.5	5.7	3.0	mg/Kg			1	6020/DOD
Selenium	0.30	0.48	0.095	0.048	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SB-0031M-0001-SO
Lab Sample ID: 240-22663-44
Lab Name: TestAmerica Pittsburgh
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 13:44
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.038	0.096	0.029	0.011	mg/Kg	J		1	6020/DOD
Aluminum	8700	2.9	0.58	0.27	mg/Kg			1	6020/DOD
Arsenic	9.2	0.096	0.048	0.017	mg/Kg			1	6020/DOD
Barium	54	0.96	0.019	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.46	0.096	0.0096	0.0072	mg/Kg		Q	1	6020/DOD
Calcium	30000	9.6	2.4	1.3	mg/Kg			1	6020/DOD
Cadmium	0.18	0.096	0.029	0.013	mg/Kg		Q	1	6020/DOD
Chromium	14	0.19	0.038	0.021	mg/Kg			1	6020/DOD
Cobalt	8.8	0.048	0.0096	0.0023	mg/Kg		Q	1	6020/DOD
Copper	16	0.19	0.058	0.032	mg/Kg		Q	1	6020/DOD
Iron	20000	4.8	1.9	1.0	mg/Kg			1	6020/DOD
Magnesium	6600	9.6	1.9	1.0	mg/Kg			1	6020/DOD
Manganese	340	0.48	0.029	0.015	mg/Kg		Q	1	6020/DOD
Sodium	85	9.6	4.8	2.6	mg/Kg			1	6020/DOD
Nickel	22	0.096	0.029	0.011	mg/Kg			1	6020/DOD
Lead	9.5	0.096	0.029	0.015	mg/Kg		Q	1	6020/DOD
Antimony	0.096	0.19	0.096	0.044	mg/Kg	U		1	6020/DOD
Thallium	0.13	0.096	0.019	0.0098	mg/Kg			1	6020/DOD
Vanadium	14	0.096	0.058	0.029	mg/Kg			1	6020/DOD
Zinc	40	0.48	0.19	0.062	mg/Kg		Q	1	6020/DOD
Potassium	1300	9.6	5.8	3.0	mg/Kg			1	6020/DOD
Selenium	0.37	0.48	0.096	0.049	mg/Kg	J		1	6020/DOD

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

ICV Source: MTHgStd_00009 Concentration Units: ug/L

CCV Source: MTHGCALW_00355

Analyte	ICV 240-82099/7-A 04/16/2013 11:15				CCV 240-82099/10-A 04/16/2013 11:51				CCV 240-82099/10-A 04/16/2013 12:07			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	2.52		2.50	101	4.98		5.00	100	4.98		5.00	100

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

ICV Source: MTHgStd_00009 Concentration Units: ug/L

CCV Source: MTHGCALW_00355

Analyte	CCV 240-82099/10-A 04/16/2013 12:25				CCV 240-82099/10-A 04/16/2013 12:45				CCV 240-82099/10-A 04/16/2013 13:05			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	4.95		5.00	99	5.02		5.00	100	5.00		5.00	100

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

ICV Source: MTHgStd_00009 Concentration Units: ug/L

CCV Source: MTHGCALW_00358

Analyte	ICV 240-82640/7-A 04/19/2013 09:29				CCV 240-82640/10-A 04/19/2013 09:53				CCV 240-82640/10-A 04/19/2013 10:11			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	2.54		2.50	102	4.97		5.00	99	4.94		5.00	99

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

ICV Source: MTHgStd_00009 Concentration Units: ug/L

CCV Source: MTHGCALW_00358

Analyte	CCV 240-82640/10-A 04/19/2013 10:35											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	4.90		5.00	98								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

ICV Source: MTHgStd_00009 Concentration Units: ug/L

CCV Source: MTHGCALW_00355

Analyte	ICV 240-82099/7-A 04/17/2013 08:38				CCV 240-82099/10-A 04/17/2013 09:08				CCV 240-82099/10-A 04/17/2013 09:32			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	2.56		2.50	102	5.39		5.00	108	5.33		5.00	107

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

ICV Source: MTHgStd_00009 Concentration Units: ug/L

CCV Source: MTHGCALW_00355

Analyte	CCV 240-82099/10-A 04/17/2013 09:56				CCV 240-82099/10-A 04/17/2013 10:21							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.51		5.00	110	5.49		5.00	110				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

ICV Source: MICVX_00005 Concentration Units: ug/L

CCV Source: CCVHL1_00002

Analyte	ICV 180-70845/5 05/04/2013 21:01				CCV 180-70845/10 05/04/2013 21:42							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	410		400	102	471000		500000	94				
Barium	79.9		80.0	100	16000		15000	107				
Chromium	80.3		80.0	100	21600		20000	108				
Copper	82.2		80.0	103	20200		20000	101				
Iron	19500		20000	97	524000		500000	105				
Lead	76.7		80.0	96	19800		20000	99				
Manganese	390		400	98	21000		20000	105				
Nickel	81.0		80.0	101	10400		10000	104				
Zinc	82.5		80.0	103	20600		20000	103				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

ICV Source: MICVX_00005 Concentration Units: ug/L

CCV Source: CCVHL2_00002

Analyte	ICV 180-70845/5 05/04/2013 21:01				CCV 180-70845/11 05/04/2013 21:50							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Calcium	36800		40000	92	952000		1000000	95				
Magnesium	39400		40000	98	943000		1000000	94				
Potassium	39000		40000	98	484000		500000	97				
Sodium	39400		40000	99	484000		500000	97				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

ICV Source: MICVX_00005 Concentration Units: ug/L

CCV Source: MCCV1X_00041

Analyte	ICV 180-70845/5 05/04/2013 21:01				CCV 180-70845/12 05/04/2013 21:59				CCV 180-70845/24 05/04/2013 23:37			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	410		400	102	519		500	104	537		500	107
Antimony	80.1		80.0	100	98.1		100	98	101		100	101
Arsenic	81.6		80.0	102	105		100	105	105		100	105
Barium	79.9		80.0	100	99.7		100	100	101		100	101
Beryllium	82.2		80.0	103	104		100	104	103		100	103
Cadmium	80.1		80.0	100	100		100	100	101		100	101
Calcium	36800		40000	92	47000		50000	94	47200		50000	94
Chromium	80.3		80.0	100	101		100	101	101		100	101
Cobalt	79.7		80.0	100	103		100	103	103		100	103
Copper	82.2		80.0	103	108		100	108	104		100	104
Iron	19500		20000	97	25100		25000	100	25200		25000	101
Lead	76.7		80.0	96	98.0		100	98	97.2		100	97
Magnesium	39400		40000	98	51000		50000	102	51600		50000	103
Manganese	390		400	98	495		500	99	501		500	100
Nickel	81.0		80.0	101	107		100	107	105		100	105
Potassium	39000		40000	98	49800		50000	100	49900		50000	100
Selenium	82.0		80.0	103	105		100	105	105		100	105
Silver	80.6		80.0	101	102		100	102	101		100	101
Sodium	39400		40000	99	50500		50000	101	50800		50000	102
Thallium	78.7		80.0	98	97.7		100	98	96.9		100	97
Vanadium	79.8		80.0	100	100		100	100	99.6		100	100
Zinc	82.5		80.0	103	103		100	103	104		100	104

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

ICV Source: MICVX_00005 Concentration Units: ug/L

CCV Source: MCCV1X_00041

Analyte	CCV 180-70845/36 05/05/2013 01:15				CCV 180-70845/48 05/05/2013 02:54				CCV 180-70845/60 05/05/2013 04:32			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	533		500	107	536		500	107	534		500	107
Antimony	98.5		100	98	98.1		100	98	98.5		100	99
Arsenic	105		100	105	107		100	107	106		100	106
Barium	101		100	101	102		100	102	101		100	101
Beryllium	104		100	104	106		100	106	105		100	105
Cadmium	101		100	101	101		100	101	100		100	100
Calcium	47000		50000	94	47500		50000	95	47900		50000	96
Chromium	101		100	101	102		100	102	102		100	102
Cobalt	103		100	103	103		100	103	103		100	103
Copper	105		100	105	107		100	107	106		100	106
Iron	25400		25000	101	25300		25000	101	25200		25000	101
Lead	96.8		100	97	97.3		100	97	97.5		100	98
Magnesium	51100		50000	102	51500		50000	103	51200		50000	102
Manganese	497		500	99	498		500	100	496		500	99
Nickel	106		100	106	107		100	107	106		100	106
Potassium	50000		50000	100	50400		50000	101	50800		50000	102
Selenium	106		100	106	107		100	107	107		100	107
Silver	102		100	102	102		100	102	103		100	103
Sodium	50800		50000	102	50800		50000	102	51100		50000	102
Thallium	96.6		100	97	96.8		100	97	97.6		100	98
Vanadium	100		100	100	101		100	101	101		100	101
Zinc	104		100	104	103		100	103	102		100	102

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

ICV Source: MICVX_00005 Concentration Units: ug/L

CCV Source: MCCV1X_00041

Analyte	CCV 180-70845/72 05/05/2013 06:11				CCV 180-70845/83 05/05/2013 07:42				CCV 180-70845/87 05/05/2013 08:15			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	526		500	105	546		500	109	549		500	110
Antimony	97.5		100	98	98.2		100	98	98.1		100	98
Arsenic	102		100	102	104		100	104	105		100	105
Barium	104		100	104	104		100	104	105		100	105
Beryllium	97.2		100	97	96.6		100	97	101		100	101
Cadmium	101		100	101	102		100	102	101		100	101
Calcium	46200		50000	92	46800		50000	94	48100		50000	96
Chromium	98.9		100	99	101		100	101	101		100	101
Cobalt	101		100	101	102		100	102	105		100	105
Copper	106		100	106	105		100	105	108		100	108
Iron	24500		25000	98	24900		25000	100	25200		25000	101
Lead	98.6		100	99	99.6		100	100	98.6		100	99
Magnesium	49500		50000	99	50100		50000	100	51200		50000	102
Manganese	479		500	96	486		500	97	490		500	98
Nickel	105		100	105	105		100	105	108		100	108
Potassium	49500		50000	99	50100		50000	100	51500		50000	103
Selenium	102		100	102	104		100	104	105		100	105
Silver	104		100	104	104		100	104	104		100	104
Sodium	49500		50000	99	49500		50000	99	51100		50000	102
Thallium	98.8		100	99	99.2		100	99	98.8		100	99
Vanadium	98.4		100	98	99.2		100	99	102		100	102
Zinc	100		100	100	100		100	100	101		100	101

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Method: 7471/DOD Instrument ID: H1

Lab Sample ID: CRA 240-82099/9-A Concentration Units: ug/L

CRQL Check Standard Source: MTHGCALW_00355

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Mercury	0.200	0.189	J	95	

Lab Sample ID: CRA 240-82099/9-A Concentration Units: ug/L

CRQL Check Standard Source: MTHGCALW_00355

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Mercury	0.200	0.164	J	82	

Lab Sample ID: CRA 240-82640/9-A Concentration Units: ug/L

CRQL Check Standard Source: MTHGCALW_00358

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Mercury	0.200	0.145	J	73	

Lab Sample ID: CRA 240-82640/9-A Concentration Units: ug/L

CRQL Check Standard Source: MTHGCALW_00358

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Mercury	0.200	0.131	J	65	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Method: 7471/DOD Instrument ID: H4

Lab Sample ID: CRA 240-82099/9-A Concentration Units: ug/L

CRQL Check Standard Source: MTHGCALW_00355

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Mercury	0.200	0.200		100	

Lab Sample ID: CRA 240-82099/9-A Concentration Units: ug/L

CRQL Check Standard Source: MTHGCALW_00355

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Mercury	0.200	0.219		110	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

Method: 6020/DOD Instrument ID: M

Lab Sample ID: CRI 180-70845/7 Concentration Units: ug/L

CRQL Check Standard Source: MCRIX_00032

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Silver	1.00	0.987	J	99	80-120
Aluminum	30.0	35.8		119	80-120
Arsenic	1.00	1.08		108	80-120
Barium	10.0	9.48	J	95	80-120
Beryllium	1.00	1.06		106	80-120
Calcium	100	96.9	J	97	80-120
Cadmium	1.00	1.02		102	80-120
Chromium	2.00	1.94	J	97	80-120
Cobalt	0.500	0.483	J	97	80-120
Copper	2.00	2.24		112	80-120
Iron	50.0	56.1		112	80-120
Magnesium	100	98.1	J	98	80-120
Manganese	5.00	5.40		108	80-120
Sodium	100	91.4	J	91	80-120
Nickel	1.00	1.20		120	80-120
Lead	1.00	0.932	J	93	80-120
Antimony	2.00	2.01		100	80-120
Thallium	1.00	0.914	J	91	80-120
Vanadium	1.00	0.803	J	80	80-120
Zinc	5.00	5.20		104	80-120
Potassium	100	95.2	J	95	80-120
Selenium	5.00	5.49		110	80-120

Lab Sample ID: CRI 180-70845/85 Concentration Units: ug/L

CRQL Check Standard Source: MCRIX_00032

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Silver	1.00	1.07		107	80-120
Aluminum	30.0	35.1		117	80-120
Arsenic	1.00	1.17		117	80-120
Barium	10.0	10.1		101	80-120
Beryllium	1.00	0.940	J	94	80-120
Calcium	100	93.1	J	93	80-120
Cadmium	1.00	1.11		111	80-120
Chromium	2.00	1.76	J	88	80-120

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

Method: 6020/DOD Instrument ID: M

Lab Sample ID: CRI 180-70845/85 Concentration Units: ug/L

CRQL Check Standard Source: MCRIX_00032

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cobalt	0.500	0.492	J	98	80-120
Copper	2.00	2.23		112	80-120
Iron	50.0	53.4		107	80-120
Magnesium	100	92.6	J	93	80-120
Manganese	5.00	4.83	J	97	80-120
Sodium	100	80.6	J	81	80-120
Nickel	1.00	1.19		119	80-120
Lead	1.00	0.970	J	97	80-120
Antimony	2.00	1.96	J	98	80-120
Thallium	1.00	0.907	J	91	80-120
Vanadium	1.00	0.789	J	79	80-120
Zinc	5.00	5.05		101	80-120
Potassium	100	81.3	J	81	80-120
Selenium	5.00	4.91	J	98	80-120

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 240-82099/8-A 04/16/2013 11:16		CCB 240-82099/11-A 04/16/2013 11:52		CCB 240-82099/11-A 04/16/2013 12:09		CCB 240-82099/11-A 04/16/2013 12:28	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U	0.20	U	0.20	U	0.20	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 240-82099/11-A 04/16/2013 12:46		CCB 240-82099/11-A 04/16/2013 13:07					
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U	0.20	U				

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 240-82640/8-A 04/19/2013 09:31		CCB 240-82640/11-A 04/19/2013 09:55		CCB 240-82640/11-A 04/19/2013 10:13		CCB 240-82640/11-A 04/19/2013 10:37	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U	0.20	U	0.20	U	0.20	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 240-82099/8-A 04/17/2013 08:40		CCB 240-82099/11-A 04/17/2013 09:10		CCB 240-82099/11-A 04/17/2013 09:34		CCB 240-82099/11-A 04/17/2013 09:58	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U	0.20	U	0.20	U	0.20	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 240-82099/11-A 04/17/2013 10:24							
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U						

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 180-70845/6 05/04/2013 21:09		CCB1 180-70845/13 05/04/2013 22:07		CCB2 180-70845/25 05/04/2013 23:45		CCB3 180-70845/37 05/05/2013 01:23	
		Found	C	Found	C	Found	C	Found	C
Aluminum	30	5.0	U	6.58	J	5.38	J	4.98	J
Antimony	2.0	0.90	U	0.90	U	0.90	U	0.90	U
Arsenic	1.0	0.50	U	0.50	U	0.50	U	0.50	U
Barium	10	0.15	U	0.213	J	0.135	J	0.0980	J
Beryllium	1.0	0.090	U	0.090	U	0.090	U	0.090	U
Cadmium	1.0	0.30	U	0.30	U	0.30	U	0.30	U
Calcium	100	10.7	J	37.4	J	13.3	J	11.8	J
Chromium	2.0	1.0	U	1.0	U	1.0	U	1.0	U
Cobalt	0.50	0.050	U	0.050	U	0.0350	J	0.0380	J
Copper	2.0	0.50	U	0.50	U	0.50	U	0.50	U
Iron	50	20	U	11.1	J	20	U	20	U
Lead	1.0	0.30	U	0.202	J	0.30	U	0.30	U
Magnesium	100	11.1	J	42.2	J	14.5	J	16.3	J
Manganese	5.0	0.358	J	0.551	J	0.364	J	0.510	J
Nickel	1.0	0.35	U	0.35	U	0.35	U	0.35	U
Potassium	100	60	U	60	U	60	U	60	U
Selenium	5.0	1.0	U	1.0	U	1.0	U	1.0	U
Silver	1.0	0.20	U	0.20	U	0.20	U	0.20	U
Sodium	100	55	U	55	U	55	U	55	U
Thallium	1.0	0.20	U	0.20	U	0.20	U	0.20	U
Vanadium	1.0	0.60	U	0.60	U	0.60	U	0.60	U
Zinc	5.0	2.0	U	2.0	U	2.0	U	2.0	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB4 180-70845/49 05/05/2013 03:02		CCB5 180-70845/61 05/05/2013 04:41		CCB6 180-70845/73 05/05/2013 06:20		CCB7 180-70845/84 05/05/2013 07:50	
		Found	C	Found	C	Found	C	Found	C
Aluminum	30	4.43	J	4.51	J	7.26	J	9.27	J
Antimony	2.0	0.90	U	0.90	U	0.90	U	0.90	U
Arsenic	1.0	0.50	U	0.50	U	0.50	U	0.50	U
Barium	10	0.15	U	0.155	J	0.125	J	0.121	J
Beryllium	1.0	0.090	U	0.090	U	0.090	U	0.090	U
Cadmium	1.0	0.30	U	0.30	U	0.30	U	0.30	U
Calcium	100	12.9	J	17.1	J	29.0	J	42.5	J
Chromium	2.0	1.0	U	1.0	U	1.0	U	1.0	U
Cobalt	0.50	0.0360	J	0.0340	J	0.0430	J	0.0580	J
Copper	2.0	0.50	U	0.50	U	0.50	U	0.50	U
Iron	50	20	U	20	U	16.5	J	26.1	J
Lead	1.0	0.30	U	0.30	U	0.30	U	0.30	U
Magnesium	100	15.8	J	19.2	J	23.4	J	29.4	J
Manganese	5.0	0.438	J	0.531	J	0.560	J	0.728	J
Nickel	1.0	0.35	U	0.35	U	0.35	U	0.35	U
Potassium	100	60	U	60	U	60	U	60	U
Selenium	5.0	1.0	U	1.0	U	1.0	U	1.0	U
Silver	1.0	0.20	U	0.20	U	0.20	U	0.20	U
Sodium	100	55	U	55	U	55	U	55	U
Thallium	1.0	0.20	U	0.20	U	0.20	U	0.20	U
Vanadium	1.0	0.60	U	0.60	U	0.60	U	0.60	U
Zinc	5.0	2.0	U	2.0	U	2.0	U	2.0	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB8 180-70845/88 05/05/2013 08:23							
		Found	C	Found	C	Found	C	Found	C
Aluminum	30	4.32	J						
Antimony	2.0	0.90	U						
Arsenic	1.0	0.50	U						
Barium	10	0.102	J						
Beryllium	1.0	0.090	U						
Cadmium	1.0	0.30	U						
Calcium	100	19.3	J						
Chromium	2.0	1.0	U						
Cobalt	0.50	0.0280	J						
Copper	2.0	0.50	U						
Iron	50	20	U						
Lead	1.0	0.30	U						
Magnesium	100	19.6	J						
Manganese	5.0	0.410	J						
Nickel	1.0	0.35	U						
Potassium	100	60	U						
Selenium	5.0	1.0	U						
Silver	1.0	0.20	U						
Sodium	100	55	U						
Thallium	1.0	0.20	U						
Vanadium	1.0	0.60	U						
Zinc	5.0	2.0	U						

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 240-81976/1-A

Instrument Code: H1 Batch No.: 82289

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.033	U		7471_DOD

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 240-82179/1-A

Instrument Code: H4 Batch No.: 82449

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.033	U		7471_DOD

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 240-82367/1-A

Instrument Code: H1 Batch No.: 82912

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.033	U		7471_DOD

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 180-69114/1-A

Instrument Code: M Batch No.: 70845

CAS No.	Analyte	Concentration	C	Q	Method
7440-22-4	Silver	0.026	U		6020_DoD
7429-90-5	Aluminum	0.51	U		6020_DoD
7440-38-2	Arsenic	0.043	U		6020_DoD
7440-39-3	Barium	0.00940	J	Q	6020_DoD
7440-41-7	Beryllium	0.0085	U	Q	6020_DoD
7440-70-2	Calcium	1.76	J		6020_DoD
7440-43-9	Cadmium	0.026	U	Q	6020_DoD
7440-47-3	Chromium	0.034	U		6020_DoD
7440-48-4	Cobalt	0.0085	U	Q	6020_DoD
7440-50-8	Copper	0.0300	J	Q	6020_DoD
7439-89-6	Iron	1.7	U		6020_DoD
7439-95-4	Magnesium	1.7	U		6020_DoD
7439-96-5	Manganese	0.026	U	Q	6020_DoD
7440-23-5	Sodium	4.3	U		6020_DoD
7440-02-0	Nickel	0.026	U		6020_DoD
7439-92-1	Lead	0.026	U	Q	6020_DoD
7440-36-0	Antimony	0.085	U		6020_DoD
7440-28-0	Thallium	0.017	U		6020_DoD
7440-62-2	Vanadium	0.051	U		6020_DoD
7440-66-6	Zinc	0.0733	J	Q	6020_DoD
7440-09-7	Potassium	5.1	U		6020_DoD
7782-49-2	Selenium	0.085	U		6020_DoD

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 180-69160/1-A

Instrument Code: M Batch No.: 70845

CAS No.	Analyte	Concentration	C	Q	Method
7440-22-4	Silver	0.027	U		6020_DoD
7429-90-5	Aluminum	0.54	U		6020_DoD
7440-38-2	Arsenic	0.0212	J		6020_DoD
7440-39-3	Barium	0.0107	J	Q	6020_DoD
7440-41-7	Beryllium	0.0089	U	Q	6020_DoD
7440-70-2	Calcium	1.83	J		6020_DoD
7440-43-9	Cadmium	0.027	U	Q	6020_DoD
7440-47-3	Chromium	0.036	U		6020_DoD
7440-48-4	Cobalt	0.0089	U	Q	6020_DoD
7440-50-8	Copper	0.054	U	Q	6020_DoD
7439-89-6	Iron	1.8	U		6020_DoD
7439-95-4	Magnesium	1.8	U		6020_DoD
7439-96-5	Manganese	0.027	U	Q	6020_DoD
7440-23-5	Sodium	4.5	U		6020_DoD
7440-02-0	Nickel	0.027	U		6020_DoD
7439-92-1	Lead	0.027	U	Q	6020_DoD
7440-36-0	Antimony	0.089	U		6020_DoD
7440-28-0	Thallium	0.018	U		6020_DoD
7440-62-2	Vanadium	0.054	U		6020_DoD
7440-66-6	Zinc	0.0640	J	Q	6020_DoD
7440-09-7	Potassium	5.4	U		6020_DoD
7782-49-2	Selenium	0.0480	J		6020_DoD

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 180-69260/1-A

Instrument Code: M Batch No.: 70845

CAS No.	Analyte	Concentration	C	Q	Method
7440-22-4	Silver	0.029	U		6020_DoD
7429-90-5	Aluminum	0.356	J		6020_DoD
7440-38-2	Arsenic	0.049	U		6020_DoD
7440-39-3	Barium	0.0116	J	Q	6020_DoD
7440-41-7	Beryllium	0.0098	U	Q	6020_DoD
7440-70-2	Calcium	1.72	J		6020_DoD
7440-43-9	Cadmium	0.029	U	Q	6020_DoD
7440-47-3	Chromium	0.039	U		6020_DoD
7440-48-4	Cobalt	0.0098	U	Q	6020_DoD
7440-50-8	Copper	0.0358	J	Q	6020_DoD
7439-89-6	Iron	2.0	U		6020_DoD
7439-95-4	Magnesium	2.0	U		6020_DoD
7439-96-5	Manganese	0.029	U	Q	6020_DoD
7440-23-5	Sodium	4.9	U		6020_DoD
7440-02-0	Nickel	0.029	U		6020_DoD
7439-92-1	Lead	0.029	U	Q	6020_DoD
7440-36-0	Antimony	0.098	U		6020_DoD
7440-28-0	Thallium	0.020	U		6020_DoD
7440-62-2	Vanadium	0.059	U		6020_DoD
7440-66-6	Zinc	0.122	J	Q	6020_DoD
7440-09-7	Potassium	5.9	U		6020_DoD
7782-49-2	Selenium	0.098	U		6020_DoD

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

Lab Sample ID: ICSA 180-70845/8 Instrument ID: M

Lab File ID: M30504A.xml ICS Source: MICSAX_00031

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	**100000**	**105800**	**106**
Antimony		**0.500**	
Arsenic		**0.489**	
Barium		**0.766**	
Beryllium		**0.197**	
Cadmium		**0.355**	
Calcium	**100000**	**105700**	**106**
Chromium		**0.0790**	
Cobalt		**0.264**	
Copper		**1.49**	
Iron	**100000**	**107400**	**107**
Lead		**0.627**	
Magnesium	**100000**	**107100**	**107**
Manganese		**1.27**	
Nickel		**0.121**	
Potassium	**100000**	**109200**	**109**
Selenium		**0.612**	
Silver		**0.195**	
Sodium	**100000**	**108100**	**108**
Thallium		**0.172**	
Vanadium		**-0.331**	
Zinc		**3.82**	
Boron		*-8.91*	
Molybdenum	*2000*	*2088*	*104*
Silicon		*32.3*	
Strontium		*4.38*	
Tin		*1.16*	
Titanium	*2000*	*2395*	*120*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

Lab Sample ID: ICSAB 180-70845/9 Instrument ID: M

Lab File ID: M30504A.xml ICS Source: MICSABX_00035

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Aluminum	**100000**	**98647**	**99**
Antimony	**20.0**	**20.6**	**103**
Arsenic	**20.0**	**22.2**	**111**
Barium	**20.0**	**20.7**	**104**
Beryllium	**20.0**	**19.7**	**99**
Cadmium	**20.0**	**20.5**	**102**
Calcium	**100000**	**100733**	**101**
Chromium	**20.0**	**21.0**	**105**
Cobalt	**20.0**	**20.8**	**104**
Copper	**20.0**	**21.5**	**107**
Iron	**100000**	**107100**	**107**
Lead	**20.0**	**20.7**	**104**
Magnesium	**100000**	**100327**	**100**
Manganese	**22.5**	**22.1**	**98**
Nickel	**20.0**	**20.7**	**103**
Potassium	**100000**	**102833**	**103**
Selenium	**50.0**	**53.7**	**107**
Silver	**20.0**	**19.8**	**99**
Sodium	**100000**	**101133**	**101**
Thallium	**20.0**	**20.2**	**101**
Vanadium	**20.0**	**20.8**	**104**
Zinc	**25.0**	**24.6**	**98**
Boron	*50.0*	*37.5*	*75*
Molybdenum	*2000*	*2263*	*113*
Silicon	*500*	*515*	*103*
Strontium	*25.0*	*26.9*	*107*
Tin	*100*	*101*	*101*
Titanium	*2000*	*2276*	*114*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 079SB-0015M-0001,0002-SO MS Lab ID: 240-22663-5 MS

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	0.186		0.016	J	0.167	102	80-120		7471/DOD

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 073SB-0040M-0001,0002-SO MS Lab ID: 240-22663-16 MS

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	0.180		0.033	U	0.167	108	80-120		7471/DOD

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 079SB-0024M-0001,0002-SO MS Lab ID: 240-22663-24 MS

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	0.207		0.025	J	0.167	109	80-120		7471/DOD

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 079SB-0015M-0001,0002-SO MS Lab ID: 240-22663-5 MS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Silver	3.93		0.030	J	4.46	87	75-125		6020/DOD
Aluminum	17000		13000		179	2497	70-130	4	6020/DOD
Arsenic	13.5		10		3.57	92	23-131		6020/DOD
Barium	238		68		179	95	10-199	Q	6020/DOD
Beryllium	4.27		0.58		4.46	83	58-112	Q	6020/DOD
Calcium	4310		590		4460	83	70-130		6020/DOD
Cadmium	3.82		0.20		4.46	81	58-110	Q	6020/DOD
Chromium	36.5		17		17.9	109	10-199		6020/DOD
Cobalt	50.6		11		44.6	89	55-110	Q	6020/DOD
Copper	38.7		20		22.3	85	10-199	Q	6020/DOD
Iron	27700		26000		89.3	1668	70-130	4	6020/DOD
Magnesium	7560		3200		4460	97	70-130		6020/DOD
Manganese	370		260		44.6	240	10-199	Q 4	6020/DOD
Sodium	4200		40		4460	93	70-130		6020/DOD
Nickel	65.2		26		44.6	89	10-176		6020/DOD
Lead	15.2		12		1.79	154	10-199	Q 4	6020/DOD
Antimony	11.2		0.090	U	44.6	25	75-125	J	6020/DOD
Thallium	4.36		0.17		4.46	94	82-110		6020/DOD
Vanadium	65.8		19		44.6	106	39-129		6020/DOD
Zinc	107		74		44.6	74	10-199	Q	6020/DOD
Potassium	5730		1200		4460	102	70-130		6020/DOD
Selenium	0.902		0.28	J	0.893	70	39-116		6020/DOD

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 073SB-0040M-0001,0002-SO MS Lab ID: 240-22663-16 MS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Silver	4.37		0.017	J	4.90	89	75-125		6020/DOD
Aluminum	9180		7000		196	1104	70-130	4	6020/DOD
Arsenic	14.8		12		3.92	63	23-131		6020/DOD
Barium	214		36		196	91	10-199	Q	6020/DOD
Beryllium	4.44		0.41		4.90	82	58-112	Q	6020/DOD
Calcium	4860		670		4900	86	70-130		6020/DOD
Cadmium	4.21		0.12		4.90	83	58-110	Q	6020/DOD
Chromium	29.8		10		19.6	99	10-199		6020/DOD
Cobalt	52.0		8.3		49.0	89	55-110	Q	6020/DOD
Copper	37.5		17		24.5	82	10-199	Q	6020/DOD
Iron	19500		20000		98.0	-924	70-130	4	6020/DOD
Magnesium	6660		2200		4900	90	70-130		6020/DOD
Manganese	319		300		49.0	44	10-199	Q 4	6020/DOD
Sodium	4590		41		4900	93	70-130		6020/DOD
Nickel	62.8		19		49.0	88	10-176		6020/DOD
Lead	13.1		11		1.96	95	10-199	Q 4	6020/DOD
Antimony	22.4		0.047	J	49.0	46	75-125	J	6020/DOD
Thallium	4.28		0.11		4.90	85	82-110		6020/DOD
Vanadium	59.5		12		49.0	98	39-129		6020/DOD
Zinc	84.9		51		49.0	68	10-199	Q	6020/DOD
Potassium	5350		760		4900	94	70-130		6020/DOD
Selenium	0.908		0.17	J	0.980	75	39-116		6020/DOD

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 079SB-0024M-0001,0002-SO MS Lab ID: 240-22663-24 MS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Silver	4.37		0.030	J	4.90	89	75-125		6020/DOD
Aluminum	16500		12000		196	2325	70-130	4	6020/DOD
Arsenic	13.8		10		3.92	94	23-131		6020/DOD
Barium	253		72		196	93	10-199	Q	6020/DOD
Beryllium	4.62		0.55		4.90	83	58-112	Q	6020/DOD
Calcium	5120		1000		4900	84	70-130		6020/DOD
Cadmium	4.22		0.18		4.90	82	58-110	Q	6020/DOD
Chromium	36.8		15		19.6	109	10-199		6020/DOD
Cobalt	54.5		11		49.0	89	55-110	Q	6020/DOD
Copper	38.0		17		24.5	86	10-199	Q	6020/DOD
Iron	25600		25000		98.0	768	70-130	4	6020/DOD
Magnesium	7580		2800		4900	97	70-130		6020/DOD
Manganese	305		260		49.0	85	10-199	Q 4	6020/DOD
Sodium	4630		35		4900	94	70-130		6020/DOD
Nickel	65.5		21		49.0	90	10-176		6020/DOD
Lead	14.9		12		1.96	130	10-199	Q 4	6020/DOD
Antimony	10.4		0.097	U	49.0	21	75-125	J	6020/DOD
Thallium	4.53		0.15		4.90	89	82-110		6020/DOD
Vanadium	71.9		19		49.0	108	39-129		6020/DOD
Zinc	103		68		49.0	71	10-199	Q	6020/DOD
Potassium	5730		890		4900	99	70-130		6020/DOD
Selenium	0.901		0.35	J	0.980	57	39-116		6020/DOD

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: 079SB-0015M-0001,0002-SO PDS Lab ID: 240-22663-5 PDS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Silver	4.71		0.030	J	4.50	104	80-120		6020/DOD
Aluminum	12500		13000		180	-20	80-120		6020/DOD
Arsenic	13.6		10		3.60	95	80-120		6020/DOD
Barium	243		68		180	97	80-120	Q	6020/DOD
Beryllium	4.54		0.58		4.50	88	80-120	Q	6020/DOD
Calcium	4860		590		4500	95	80-120		6020/DOD
Cadmium	4.36		0.20		4.50	92	80-120	Q	6020/DOD
Chromium	35.4		17		18.0	103	80-120		6020/DOD
Cobalt	56.8		11		45.0	102	80-120	Q	6020/DOD
Copper	42.3		20		22.5	100	80-120	Q	6020/DOD
Iron	26100		26000		90.1	-110	80-120		6020/DOD
Magnesium	7710		3200		4500	99	80-120		6020/DOD
Manganese	307		260		45.0	99	80-120	Q	6020/DOD
Sodium	4670		40		4500	103	80-120		6020/DOD
Nickel	70.9		26		45.0	101	80-120		6020/DOD
Lead	14.1		12		1.80	90	80-120	Q	6020/DOD
Antimony	38.7		0.090	U	45.0	86	80-120		6020/DOD
Thallium	4.89		0.17		4.50	105	80-120		6020/DOD
Vanadium	65.4		19		45.0	104	80-120		6020/DOD
Zinc	112		74		45.0	86	80-120	Q	6020/DOD
Potassium	5690		1200		4500	100	80-120		6020/DOD
Selenium	1.06		0.28	J	0.901	87	80-120		6020/DOD

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VB - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: 073SB-0040M-0001,0002-SO PDS Lab ID: 240-22663-16 PDS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Silver	5.19		0.017	J	4.95	105	80-120		6020/DOD
Aluminum	6950		7000		198	-36	80-120		6020/DOD
Arsenic	16.0		12		3.96	92	80-120		6020/DOD
Barium	234		36		198	100	80-120	Q	6020/DOD
Beryllium	4.78		0.41		4.95	88	80-120	Q	6020/DOD
Calcium	5440		670		4950	96	80-120		6020/DOD
Cadmium	4.70		0.12		4.95	92	80-120	Q	6020/DOD
Chromium	31.3		10		19.8	105	80-120		6020/DOD
Cobalt	60.6		8.3		49.5	106	80-120	Q	6020/DOD
Copper	43.1		17		24.8	104	80-120	Q	6020/DOD
Iron	20400		20000		99.0	10	80-120		6020/DOD
Magnesium	7120		2200		4950	99	80-120		6020/DOD
Manganese	346		300		49.5	98	80-120	Q	6020/DOD
Sodium	5130		41		4950	103	80-120		6020/DOD
Nickel	71.4		19		49.5	105	80-120		6020/DOD
Lead	13.1		11		1.98	92	80-120	Q	6020/DOD
Antimony	43.7		0.047	J	49.5	88	80-120		6020/DOD
Thallium	5.31		0.11		4.95	105	80-120		6020/DOD
Vanadium	64.4		12		49.5	107	80-120		6020/DOD
Zinc	93.9		51		49.5	86	80-120	Q	6020/DOD
Potassium	5780		760		4950	101	80-120		6020/DOD
Selenium	1.03		0.17	J	0.990	87	80-120		6020/DOD

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VB - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: 079SB-0024M-0001,0002-SO PDS Lab ID: 240-22663-24 PDS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Silver	5.24		0.030	J	4.85	107	80-120		6020/DOD
Aluminum	11900		12000		194	-20	80-120		6020/DOD
Arsenic	13.7		10		3.88	93	80-120		6020/DOD
Barium	271		72		194	102	80-120	Q	6020/DOD
Beryllium	5.08		0.55		4.85	93	80-120	Q	6020/DOD
Calcium	5760		1000		4850	98	80-120		6020/DOD
Cadmium	4.77		0.18		4.85	95	80-120	Q	6020/DOD
Chromium	36.2		15		19.4	107	80-120		6020/DOD
Cobalt	62.6		11		48.5	107	80-120	Q	6020/DOD
Copper	42.3		17		24.3	104	80-120	Q	6020/DOD
Iron	24800		25000		97.1	0	80-120		6020/DOD
Magnesium	7760		2800		4850	101	80-120		6020/DOD
Manganese	315		260		48.5	107	80-120	Q	6020/DOD
Sodium	5160		35		4850	106	80-120		6020/DOD
Nickel	72.9		21		48.5	106	80-120		6020/DOD
Lead	14.1		12		1.94	90	80-120	Q	6020/DOD
Antimony	44.2		0.097	U	48.5	91	80-120		6020/DOD
Thallium	5.29		0.15		4.85	106	80-120		6020/DOD
Vanadium	71.7		19		48.5	109	80-120		6020/DOD
Zinc	112		68		48.5	89	80-120	Q	6020/DOD
Potassium	5940		890		4850	104	80-120		6020/DOD
Selenium	1.23		0.35	J	0.971	91	80-120		6020/DOD

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VB - IN

6-IN
DUPLICATES
METALS

Client ID: 079SB-0015M-0001,0002-SO DU Lab ID: 240-22663-5 DU

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Mercury	0.10	0.016	J	0.0251	J	45		7471/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: 073SB-0040M-0001,0002-SO DU Lab ID: 240-22663-16 DU

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Mercury	0.10	0.033	U	0.0276	J	NC		7471/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: 079SB-0024M-0001,0002-SO DU Lab ID: 240-22663-24 DU

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Mercury	0.10	0.025	J	0.0235	J	4		7471/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: 079SB-0015M-0001,0002-SO DU Lab ID: 240-22663-5 DU

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Silver	0.087	0.030	J	0.0263	J	12		6020/DOD
Aluminum	2.6	13000		12700		0.8		6020/DOD
Arsenic	0.087	10		10.5		2		6020/DOD
Barium	0.87	68		68.5		1	Q	6020/DOD
Beryllium	0.087	0.58		0.577		0.6	Q	6020/DOD
Calcium	8.7	590		561		5		6020/DOD
Cadmium	0.087	0.20		0.194		3	Q	6020/DOD
Chromium	0.17	17		17.0		0.4		6020/DOD
Cobalt	0.043	11		10.4		5	Q	6020/DOD
Copper	0.17	20		19.9		0.7	Q	6020/DOD
Iron	4.3	26000		26400		0.7		6020/DOD
Magnesium	8.7	3200		3250		0.6		6020/DOD
Manganese	0.43	260		260		1	Q	6020/DOD
Sodium	8.7	40		44.9		11		6020/DOD
Nickel	0.087	26		26.0		2		6020/DOD
Lead	0.087	12		12.4		1	Q	6020/DOD
Antimony	0.17	0.090	U	0.087	U	NC		6020/DOD
Thallium	0.087	0.17		0.170		1		6020/DOD
Vanadium	0.087	19		18.9		1		6020/DOD
Zinc	0.43	74		73.3		0.5	Q	6020/DOD
Potassium	8.7	1200		1230		2		6020/DOD
Selenium	0.43	0.28	J	0.285	J	1		6020/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: 073SB-0040M-0001,0002-SO DU Lab ID: 240-22663-16 DU

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Silver	0.098	0.017	J	0.0185	J	10		6020/DOD
Aluminum	2.9	7000		6930		1		6020/DOD
Arsenic	0.098	12		11.9		4		6020/DOD
Barium	0.98	36		35.4		0.7	Q	6020/DOD
Beryllium	0.098	0.41		0.384		5	Q	6020/DOD
Calcium	9.8	670		669		0.07		6020/DOD
Cadmium	0.098	0.12		0.142		15	Q	6020/DOD
Chromium	0.20	10		10.4		0.7		6020/DOD
Cobalt	0.049	8.3		8.49		2	Q	6020/DOD
Copper	0.20	17		17.1		2	Q	6020/DOD
Iron	4.9	20000		20400		0.2		6020/DOD
Magnesium	9.8	2200		2200		1		6020/DOD
Manganese	0.49	300		324		9	Q	6020/DOD
Sodium	9.8	41		41.0		0.9		6020/DOD
Nickel	0.098	19		19.5		0.8		6020/DOD
Lead	0.098	11		11.3		0.02	Q	6020/DOD
Antimony	0.20	0.047	J	0.098	U	NC		6020/DOD
Thallium	0.098	0.11		0.111		0.9		6020/DOD
Vanadium	0.098	12		11.2		3		6020/DOD
Zinc	0.49	51		52.4		2	Q	6020/DOD
Potassium	9.8	760		751		0.6		6020/DOD
Selenium	0.49	0.17	J	0.218	J	22		6020/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: 079SB-0024M-0001,0002-SO DU Lab ID: 240-22663-24 DU

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Silver	0.097	0.030	J	0.0326	J	9		6020/DOD
Aluminum	2.9	12000		11900		0.3		6020/DOD
Arsenic	0.097	10		10.6		5		6020/DOD
Barium	0.97	72		71.8		0.2	Q	6020/DOD
Beryllium	0.097	0.55		0.587		6	Q	6020/DOD
Calcium	9.7	1000		1030		1		6020/DOD
Cadmium	0.097	0.18		0.210		13	Q	6020/DOD
Chromium	0.19	15		15.6		2		6020/DOD
Cobalt	0.049	11		10.9		2	Q	6020/DOD
Copper	0.19	17		17.4		2	Q	6020/DOD
Iron	4.9	25000		26000		5		6020/DOD
Magnesium	9.7	2800		2830		0.4		6020/DOD
Manganese	0.49	260		283		7	Q	6020/DOD
Sodium	9.7	35		34.7		2		6020/DOD
Nickel	0.097	21		21.3		0.4		6020/DOD
Lead	0.097	12		13.1		6	Q	6020/DOD
Antimony	0.19	0.097	U	0.097	U	NC		6020/DOD
Thallium	0.097	0.15		0.156		3		6020/DOD
Vanadium	0.097	19		19.5		4		6020/DOD
Zinc	0.49	68		68.8		0.6	Q	6020/DOD
Potassium	9.7	890		882		1		6020/DOD
Selenium	0.49	0.35	J	0.375	J	8		6020/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 240-81976/2-A

Lab Name: TestAmerica Canton Job No.: 240-22663-1

Sample Matrix: Solid LCS Source: MTHGCALW_00354

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	0.833	0.837		100	80	120		7471/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 240-82179/2-A

Lab Name: TestAmerica Canton Job No.: 240-22663-1

Sample Matrix: Solid LCS Source: MTHGCALW_00355

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	0.833	0.898		108	80	120		7471/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 240-82367/2-A

Lab Name: TestAmerica Canton Job No.: 240-22663-1

Sample Matrix: Solid LCS Source: MTHGCALW_00356

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	0.833	0.783		94	80	120		7471/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 180-69114/2-A

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

Sample Matrix: Solid LCS Source: MTAPITTICPMS_00014

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Silver	4.55	4.17		92	60	114		6020/DOD
Aluminum	182	178		98	80	120		6020/DOD
Arsenic	3.64	3.12		86	73	110		6020/DOD
Barium	182	171		94	70	110	Q	6020/DOD
Beryllium	4.55	4.04		89	79	110	Q	6020/DOD
Calcium	4550	4210		93	80	120		6020/DOD
Cadmium	4.55	3.83		84	74	110	Q	6020/DOD
Chromium	18.2	18.0		99	70	110		6020/DOD
Cobalt	45.5	45.6		100	74	110	Q	6020/DOD
Copper	22.7	23.4		103	73	110	Q	6020/DOD
Iron	90.9	90.4		99	80	120		6020/DOD
Magnesium	4550	4480		99	80	120		6020/DOD
Manganese	45.5	44.1		97	80	120	Q	6020/DOD
Sodium	4550	4490		99	80	120		6020/DOD
Nickel	45.5	46.0		101	75	110		6020/DOD
Lead	1.82	1.67		92	75	110	Q	6020/DOD
Antimony	45.5	38.8		85	68	113		6020/DOD
Thallium	4.55	4.17		92	71	110		6020/DOD
Vanadium	45.5	45.1		99	72	110		6020/DOD
Zinc	45.5	38.0		84	72	113	Q	6020/DOD
Potassium	4550	4390		97	80	120		6020/DOD
Selenium	0.909	0.750		83	65	110		6020/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 180-69160/2-A

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

Sample Matrix: Solid LCS Source: MTAPITTICPMS_00014

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Silver	4.81	4.43		92	60	114		6020/DOD
Aluminum	192	192		100	80	120		6020/DOD
Arsenic	3.85	3.30		86	73	110		6020/DOD
Barium	192	182		95	70	110	Q	6020/DOD
Beryllium	4.81	4.15		86	79	110	Q	6020/DOD
Calcium	4810	4480		93	80	120		6020/DOD
Cadmium	4.81	4.07		85	74	110	Q	6020/DOD
Chromium	19.2	18.8		98	70	110		6020/DOD
Cobalt	48.1	48.0		100	74	110	Q	6020/DOD
Copper	24.0	24.7		103	73	110	Q	6020/DOD
Iron	96.2	99.3		103	80	120		6020/DOD
Magnesium	4810	4780		99	80	120		6020/DOD
Manganese	48.1	46.5		97	80	120	Q	6020/DOD
Sodium	4810	4780		99	80	120		6020/DOD
Nickel	48.1	49.1		102	75	110		6020/DOD
Lead	1.92	1.81		94	75	110	Q	6020/DOD
Antimony	48.1	41.5		86	68	113		6020/DOD
Thallium	4.81	4.51		94	71	110		6020/DOD
Vanadium	48.1	47.8		99	72	110		6020/DOD
Zinc	48.1	40.5		84	72	113	Q	6020/DOD
Potassium	4810	4690		97	80	120		6020/DOD
Selenium	0.962	0.815		85	65	110		6020/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 180-69260/2-A

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

Sample Matrix: Solid LCS Source: MTAPITTICPMS_00014

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Silver	4.76	4.38		92	60	114		6020/DOD
Aluminum	190	186		98	80	120		6020/DOD
Arsenic	3.81	3.34		88	73	110		6020/DOD
Barium	190	181		95	70	110	Q	6020/DOD
Beryllium	4.76	4.12		86	79	110	Q	6020/DOD
Calcium	4760	4370		92	80	120		6020/DOD
Cadmium	4.76	4.19		88	74	110	Q	6020/DOD
Chromium	19.0	18.4		97	70	110		6020/DOD
Cobalt	47.6	46.9		99	74	110	Q	6020/DOD
Copper	23.8	24.5		103	73	110	Q	6020/DOD
Iron	95.2	96.1		101	80	120		6020/DOD
Magnesium	4760	4590		96	80	120		6020/DOD
Manganese	47.6	45.5		96	80	120	Q	6020/DOD
Sodium	4760	4630		97	80	120		6020/DOD
Nickel	47.6	48.2		101	75	110		6020/DOD
Lead	1.90	1.79		94	75	110	Q	6020/DOD
Antimony	47.6	41.4		87	68	113		6020/DOD
Thallium	4.76	4.46		94	71	110		6020/DOD
Vanadium	47.6	46.4		98	72	110		6020/DOD
Zinc	47.6	40.5		85	72	113	Q	6020/DOD
Potassium	4760	4580		96	80	120		6020/DOD
Selenium	0.952	0.812		85	65	110		6020/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 240-22663-5

SDG No:

Lab Name: TestAmerica Pittsburgh Job No: 240-22663-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Silver	0.030	J	0.14	U	NC		6020/DOD
Aluminum	13000		12500		0.14	D	6020/DOD
Arsenic	10		11.3		9.9	D	6020/DOD
Barium	68		69.5		2.4	D Q	6020/DOD
Beryllium	0.58		0.626		7.9	D Q	6020/DOD
Calcium	590		608		2.9	D	6020/DOD
Cadmium	0.20		0.235	J	NC	D Q	6020/DOD
Chromium	17		17.1		0.58	D	6020/DOD
Cobalt	11		10.9		0.62	D Q	6020/DOD
Copper	20		20.7		4.5	D Q	6020/DOD
Iron	26000		26200		0.29	D	6020/DOD
Magnesium	3200		3170		1.9	D	6020/DOD
Manganese	260		260		0.91	D Q	6020/DOD
Sodium	40		41.6	J	NC	D	6020/DOD
Nickel	26		26.4		3.5	D	6020/DOD
Lead	12		12.7		1.5	D Q	6020/DOD
Antimony	0.090	U	0.45	U	NC		6020/DOD
Thallium	0.17		0.172	J	NC	D	6020/DOD
Vanadium	19		18.7		0.17	D	6020/DOD
Zinc	74		85.9		17	D Q V	6020/DOD
Potassium	1200		1200		0.45	D	6020/DOD
Selenium	0.28	J	0.45	U	NC		6020/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 240-22663-16

SDG No:

Lab Name: TestAmerica Pittsburgh Job No: 240-22663-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Silver	0.017	J	0.15	U	NC		6020/DOD
Aluminum	7000		6910		1.6	D	6020/DOD
Arsenic	12		12.9		4.0	D	6020/DOD
Barium	36		36.4		2.2	D Q	6020/DOD
Beryllium	0.41		0.437	J	7.8	D Q	6020/DOD
Calcium	670		685		2.3	D	6020/DOD
Cadmium	0.12		0.164	J	NC	D Q	6020/DOD
Chromium	10		10.3		2.0	D	6020/DOD
Cobalt	8.3		8.11		2.7	D Q	6020/DOD
Copper	17		17.2		1.1	D Q	6020/DOD
Iron	20000		20300		0.87	D	6020/DOD
Magnesium	2200		2160		3.3	D	6020/DOD
Manganese	300		290		2.5	D Q	6020/DOD
Sodium	41		40.4	J	NC	D	6020/DOD
Nickel	19		19.4		0.05	D	6020/DOD
Lead	11		11.5		2.1	D Q	6020/DOD
Antimony	0.047	J	0.50	U	NC		6020/DOD
Thallium	0.11		0.112	J	NC	D	6020/DOD
Vanadium	12		11.4		0.90	D	6020/DOD
Zinc	51		56.8		11	D Q V	6020/DOD
Potassium	760		750		0.73	D	6020/DOD
Selenium	0.17	J	0.50	U	NC		6020/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 240-22663-24

SDG No:

Lab Name: TestAmerica Pittsburgh Job No: 240-22663-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Silver	0.030	J	0.15	U	NC		6020/DOD
Aluminum	12000		12000		0.57	D	6020/DOD
Arsenic	10		9.74		3.7	D	6020/DOD
Barium	72		72.8		1.7	D Q	6020/DOD
Beryllium	0.55		0.628		13	D Q V	6020/DOD
Calcium	1000		1060		4.7	D	6020/DOD
Cadmium	0.18		0.246	J	NC	D Q	6020/DOD
Chromium	15		15.3		0.41	D	6020/DOD
Cobalt	11		10.3		2.8	D Q	6020/DOD
Copper	17		17.2		1.3	D Q	6020/DOD
Iron	25000		24500		1.5	D	6020/DOD
Magnesium	2800		2810		1.2	D	6020/DOD
Manganese	260		254		3.4	D Q	6020/DOD
Sodium	35		36.3	J	NC	D	6020/DOD
Nickel	21		21.4		0.34	D	6020/DOD
Lead	12		12.0		3.0	D Q	6020/DOD
Antimony	0.097	U	0.49	U	NC		6020/DOD
Thallium	0.15		0.149	J	NC	D	6020/DOD
Vanadium	19		18.8		0.23	D	6020/DOD
Zinc	68		75.1		9.8	D Q	6020/DOD
Potassium	890		889		0.25	D	6020/DOD
Selenium	0.35	J	0.49	U	NC		6020/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Canton Job Number: 240-22663-1

SDG Number:

Matrix: Solid Instrument ID: H1

Method: 7471/DOD DL Date: 02/16/2010 09:46

Prep Method: 7471A

Analyte	Wavelength/ Mass	LOQ (mg/Kg)	DL (mg/Kg)
Mercury	253.7	0.1	0.014

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Canton Job Number: 240-22663-1

SDG Number:

Matrix: Solid Instrument ID: H1

Method: 7471/DOD XMDL Date: 02/16/2010 09:47

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury	253.7	0.2	0.12

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Canton Job Number: 240-22663-1

SDG Number:

Matrix: Solid Instrument ID: H1

Method: 7471/DOD DL Date: 02/16/2010 09:46

Prep Method: 7471A

Leach Method: Increment, Prep

Analyte	Wavelength/ Mass	LOQ (mg/Kg)	DL (mg/Kg)
Mercury	253.7	0.1	0.014

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Canton Job Number: 240-22663-1

SDG Number:

Matrix: Solid Instrument ID: H1

Method: 7471/DOD XMDL Date: 02/16/2010 09:47

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury	253.7	0.2	0.12

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Canton Job Number: 240-22663-1

SDG Number:

Matrix: Solid Instrument ID: H4

Method: 7471/DOD DL Date: 02/16/2010 09:46

Prep Method: 7471A

Analyte	Wavelength/ Mass	LOQ (mg/Kg)	DL (mg/Kg)
Mercury	253.7	0.1	0.014

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Canton Job Number: 240-22663-1

SDG Number:

Matrix: Solid Instrument ID: H4

Method: 7471/DOD XMDL Date: 02/16/2010 09:47

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury	253.7	0.2	0.12

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Canton Job Number: 240-22663-1

SDG Number:

Matrix: Solid Instrument ID: H4

Method: 7471/DOD DL Date: 02/16/2010 09:46

Prep Method: 7471A

Leach Method: Increment, Prep

Analyte	Wavelength/ Mass	LOQ (mg/Kg)	DL (mg/Kg)
Mercury	253.7	0.1	0.014

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Canton Job Number: 240-22663-1

SDG Number:

Matrix: Solid Instrument ID: H4

Method: 7471/DOD XMDL Date: 02/16/2010 09:47

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury	253.7	0.2	0.12

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Pittsburgh Job Number: 240-22663-1

SDG Number:

Matrix: Solid Instrument ID: M

Method: 6020/DOD DL Date: 01/26/2010 16:34

Prep Method: 3050B

Analyte	Wavelength/ Mass	LOQ (mg/Kg)	DL (mg/Kg)
Aluminum	27	3	0.2849
Antimony	121	0.2	0.0459
Arsenic	75	0.1	0.0181
Barium	137	1	0.0107
Beryllium	9	0.1	0.0075
Cadmium	111	0.1	0.0132
Calcium	44	10	1.326
Chromium	52	0.2	0.0223
Cobalt	59	0.05	0.0024
Copper	65	0.2	0.033
Iron	56	5	1.077
Lead	208	0.1	0.0154
Magnesium	26	10	1.079
Manganese	55	0.5	0.0159
Nickel	60	0.1	0.0113
Potassium	39	10	3.155
Selenium	82	0.5	0.0509
Silver	107	0.1	0.0114
Sodium	23	10	2.658
Thallium	205	0.1	0.0102
Vanadium	51	0.1	0.0299
Zinc	66	0.5	0.0648

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Pittsburgh Job Number: 240-22663-1

SDG Number:

Matrix: Solid Instrument ID: M

Method: 6020/DOD XMDL Date: 01/26/2010 16:34

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Aluminum	27	30	2.5662
Antimony	121	2	0.459
Arsenic	75	1	0.2908
Barium	137	10	0.098
Beryllium	9	1	0.0451
Cadmium	111	1	0.132
Calcium	44	100	9.357
Chromium	52	2	0.5433
Cobalt	59	0.5	0.0263
Copper	65	2	0.2443
Iron	56	50	10.77
Lead	208	1	0.154
Magnesium	26	100	10.8
Manganese	55	5	0.159
Nickel	60	1	0.1749
Potassium	39	100	31.6
Selenium	82	5	0.509
Silver	107	1	0.114
Sodium	23	100	26.8
Thallium	205	1	0.102
Vanadium	51	1	0.299
Zinc	66	5	0.9609

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Canton Job No: 240-22663-1

SDG No.:

Instrument ID: H1 Date: 04/01/2011 10:45

Analyte	Integ. Time (Sec.)	Concentration (ppb)	Method
Mercury		10	7471/DOD

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Canton Job No: 240-22663-1

SDG No.:

Instrument ID: H4 Date: 04/01/2011 10:50

Analyte	Integ. Time (Sec.)	Concentration (ppb)	Method
Mercury		10	7471/DOD

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Pittsburgh Job No: 240-22663-1

SDG No.:

Instrument ID: M Date: 03/14/2011 22:35

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Silver		2500	6020/DOD
Aluminum		450000	6020/DOD
Arsenic		4500	6020/DOD
Barium		13500	6020/DOD
Beryllium		9000	6020/DOD
Calcium		1500000	6020/DOD
Cadmium		13500	6020/DOD
Chromium		13500	6020/DOD
Cobalt		13500	6020/DOD
Copper		20000	6020/DOD
Iron		450000	6020/DOD
Magnesium		1500000	6020/DOD
Manganese		25000	6020/DOD
Sodium		450000	6020/DOD
Nickel		13500	6020/DOD
Lead		20000	6020/DOD
Antimony		13500	6020/DOD
Thallium		13500	6020/DOD
Vanadium		13500	6020/DOD
Zinc		25000	6020/DOD
Potassium		450000	6020/DOD
Selenium		4500	6020/DOD

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Prep Method: 7471A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 240-81976/1-A	04/15/2013 16:00	81976	0.60		100
LCS 240-81976/2-A	04/15/2013 16:00	81976	0.60		100
240-22663-5	04/15/2013 16:00	81976	0.60		100
240-22663-5 MS	04/15/2013 16:00	81976	0.60		100
240-22663-5 DU	04/15/2013 16:00	81976	0.60		100
240-22663-16	04/15/2013 16:00	81976	0.60		100
240-22663-16 MS	04/15/2013 16:00	81976	0.60		100
240-22663-16 DU	04/15/2013 16:00	81976	0.60		100
240-22663-1	04/15/2013 16:00	81976	0.66		100
240-22663-2	04/15/2013 16:00	81976	0.63		100
240-22663-3	04/15/2013 16:00	81976	0.63		100
240-22663-4	04/15/2013 16:00	81976	0.62		100
240-22663-6	04/15/2013 16:00	81976	0.61		100
240-22663-7	04/15/2013 16:00	81976	0.69		100
240-22663-8	04/15/2013 16:00	81976	0.55		100
240-22663-9	04/15/2013 16:00	81976	0.57		100
240-22663-11	04/15/2013 16:00	81976	0.54		100
240-22663-12	04/15/2013 16:00	81976	0.56		100
240-22663-13	04/15/2013 16:00	81976	0.56		100
240-22663-14	04/15/2013 16:00	81976	0.56		100
240-22663-15	04/15/2013 16:00	81976	0.61		100
240-22663-17	04/15/2013 16:00	81976	0.57		100
240-22663-18	04/15/2013 16:00	81976	0.60		100
240-22663-19	04/15/2013 16:00	81976	0.57		100
240-22663-20	04/15/2013 16:00	81976	0.53		100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Prep Method: 7471A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 240-82179/1-A	04/16/2013 15:50	82179	0.60		100
LCS 240-82179/2-A	04/16/2013 15:50	82179	0.60		100
240-22663-24	04/16/2013 15:50	82179	0.60		100
240-22663-24 DU	04/16/2013 15:50	82179	0.60		100
240-22663-24 MS	04/16/2013 15:50	82179	0.60		100
240-22663-21	04/16/2013 15:50	82179	0.54		100
240-22663-22	04/16/2013 15:50	82179	0.63		100
240-22663-23	04/16/2013 15:50	82179	0.69		100
240-22663-25	04/16/2013 15:50	82179	0.59		100
240-22663-26	04/16/2013 15:50	82179	0.67		100
240-22663-27	04/16/2013 15:50	82179	0.65		100
240-22663-28	04/16/2013 15:50	82179	0.62		100
240-22663-29	04/16/2013 15:50	82179	0.56		100
240-22663-31	04/16/2013 15:50	82179	0.53		100
240-22663-32	04/16/2013 15:50	82179	0.55		100
240-22663-33	04/16/2013 15:50	82179	0.60		100
240-22663-34	04/16/2013 15:50	82179	0.59		100
240-22663-35	04/16/2013 15:50	82179	0.54		100
240-22663-36	04/16/2013 15:50	82179	0.54		100
240-22663-37	04/16/2013 15:50	82179	0.60		100
240-22663-38	04/16/2013 15:50	82179	0.56		100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Prep Method: 7471A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 240-82367/1-A	04/17/2013 14:55	82367	0.60		100
LCS 240-82367/2-A	04/17/2013 14:55	82367	0.60		100
240-22663-39	04/17/2013 14:55	82367	0.67		100
240-22663-40	04/17/2013 14:55	82367	0.61		100
240-22663-41	04/17/2013 14:55	82367	0.64		100
240-22663-43	04/17/2013 14:55	82367	0.57		100
240-22663-44	04/17/2013 14:55	82367	0.64		100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 180-69114/1-A	04/15/2013 08:11	69114	00001.17		100
LCS 180-69114/2-A	04/15/2013 08:11	69114	00001.10		100
240-22663-1	04/15/2013 08:11	69114	00001.17		100
240-22663-2	04/15/2013 08:11	69114	00001.06		100
240-22663-3	04/15/2013 08:11	69114	00001.09		100
240-22663-4	04/15/2013 08:11	69114	00001.16		100
240-22663-5	04/15/2013 08:11	69114	00001.11		100
240-22663-5 DU	04/15/2013 08:11	69114	00001.15		100
240-22663-5 MS	04/15/2013 08:11	69114	00001.12		100
240-22663-6	04/15/2013 08:11	69114	00001.19		100
240-22663-7	04/15/2013 08:11	69114	00001.01		100
240-22663-8	04/15/2013 08:11	69114	00001.08		100
240-22663-9	04/15/2013 08:11	69114	00001.07		100
240-22663-11	04/15/2013 08:11	69114	00001.09		100
240-22663-12	04/15/2013 08:11	69114	00001.15		100
240-22663-13	04/15/2013 08:11	69114	00001.24		100
240-22663-14	04/15/2013 08:11	69114	00001.08		100
240-22663-15	04/15/2013 08:11	69114	00001.24		100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 180-69160/1-A	04/15/2013 12:19	69160	00001.12		100
LCS 180-69160/2-A	04/15/2013 12:19	69160	00001.04		100
240-22663-16	04/15/2013 12:19	69160	00001.01		100
240-22663-16 DU	04/15/2013 12:19	69160	00001.02		100
240-22663-16 MS	04/15/2013 12:19	69160	00001.02		100
240-22663-17	04/15/2013 12:19	69160	00001.04		100
240-22663-18	04/15/2013 12:19	69160	00001.00		100
240-22663-19	04/15/2013 12:19	69160	00001.04		100
240-22663-20	04/15/2013 12:19	69160	00001.02		100
240-22663-21	04/15/2013 12:19	69160	00001.02		100
240-22663-22	04/15/2013 12:19	69160	00001.02		100
240-22663-23	04/15/2013 12:19	69160	00001.00		100
240-22663-25	04/15/2013 12:19	69160	00001.04		100
240-22663-26	04/15/2013 12:19	69160	00001.04		100
240-22663-27	04/15/2013 12:19	69160	00001.03		100
240-22663-28	04/15/2013 12:19	69160	00001.05		100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 180-69260/1-A	04/16/2013 11:32	69260	00001.02		100
LCS 180-69260/2-A	04/16/2013 11:32	69260	00001.05		100
240-22663-24	04/16/2013 11:32	69260	00001.03		100
240-22663-24 DU	04/16/2013 11:32	69260	00001.03		100
240-22663-24 MS	04/16/2013 11:32	69260	00001.02		100
240-22663-29	04/16/2013 11:32	69260	00001.04		100
240-22663-31	04/16/2013 11:32	69260	00001.01		100
240-22663-32	04/16/2013 11:32	69260	00001.00		100
240-22663-33	04/16/2013 11:32	69260	00001.01		100
240-22663-34	04/16/2013 11:32	69260	00001.03		100
240-22663-35	04/16/2013 11:32	69260	00001.00		100
240-22663-36	04/16/2013 11:32	69260	00001.00		100
240-22663-37	04/16/2013 11:32	69260	00001.00		100
240-22663-38	04/16/2013 11:32	69260	00001.00		100
240-22663-39	04/16/2013 11:32	69260	00001.01		100
240-22663-40	04/16/2013 11:32	69260	00001.03		100
240-22663-41	04/16/2013 11:32	69260	00001.02		100
240-22663-43	04/16/2013 11:32	69260	00001.05		100
240-22663-44	04/16/2013 11:32	69260	00001.04		100

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Instrument ID: H1 Method: 7471/DOD

Start Date: 04/16/2013 11:06 End Date: 04/16/2013 14:33

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
IC 240-82099/1-A			11:06	X																			
IC 240-82099/2-A			11:08	X																			
IC 240-82099/3-A			11:09	X																			
IC 240-82099/4-A			11:10	X																			
IC 240-82099/5-A			11:12	X																			
IC 240-82099/6-A			11:13	X																			
ICV 240-82099/7-A	1		11:15	X																			
ICB 240-82099/8-A	1		11:16	X																			
CRA 240-82099/9-A	1		11:18	X																			
CCV 240-82099/10-A			11:19																				
CCB 240-82099/11-A			11:20																				
ZZZZZZ			11:22																				
ZZZZZZ			11:23																				
ZZZZZZ			11:25																				
ZZZZZZ			11:26																				
ZZZZZZ			11:27																				
ZZZZZZ			11:29																				
ZZZZZZ			11:30																				
ZZZZZZ			11:32																				
ZZZZZZ			11:33																				
ZZZZZZ			11:35																				
CCV 240-82099/10-A			11:36																				
CCB 240-82099/11-A			11:38																				
ZZZZZZ			11:39																				
ZZZZZZ			11:41																				
ZZZZZZ			11:44																				
ZZZZZZ			11:46																				
ZZZZZZ			11:47																				
ZZZZZZ			11:49																				
CCV 240-82099/10-A	1		11:51	X																			
CCB 240-82099/11-A	1		11:52	X																			
ZZZZZZ			11:53																				
ZZZZZZ			11:55																				
ZZZZZZ			11:56																				
ZZZZZZ			11:57																				
ZZZZZZ			11:59																				
ZZZZZZ			12:00																				
ZZZZZZ			12:02																				
ZZZZZZ			12:03																				
MB 240-81976/1-A	1	T	12:04	X																			
LCS 240-81976/2-A	1	T	12:06	X																			
CCV 240-82099/10-A	1		12:07	X																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Instrument ID: H1 Method: 7471/DOD

Start Date: 04/16/2013 11:06 End Date: 04/16/2013 14:33

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
CCB 240-82099/11-A	1		12:09	X																			
240-22663-5	1	T	12:10	X																			
240-22663-5 MS	1	T	12:11	X																			
240-22663-5 DU	1	T	12:14	X																			
240-22663-16	1	T	12:15	X																			
240-22663-16 MS	1	T	12:17	X																			
240-22663-16 DU	1	T	12:18	X																			
ZZZZZZ			12:19																				
240-22663-1	1	T	12:21	X																			
240-22663-2	1	T	12:22	X																			
240-22663-3	1	T	12:24	X																			
CCV 240-82099/10-A	1		12:25	X																			
CCB 240-82099/11-A	1		12:28	X																			
240-22663-4	1	T	12:29	X																			
240-22663-6	1	T	12:31	X																			
240-22663-7	1	T	12:32	X																			
240-22663-8	1	T	12:33	X																			
240-22663-9	1	T	12:36	X																			
240-22663-11	1	T	12:37	X																			
240-22663-12	1	T	12:40	X																			
240-22663-13	1	T	12:41	X																			
240-22663-14	1	T	12:42	X																			
240-22663-15	1	T	12:43	X																			
CCV 240-82099/10-A	1		12:45	X																			
CCB 240-82099/11-A	1		12:46	X																			
240-22663-17	1	T	12:48	X																			
240-22663-18	1	T	12:49	X																			
240-22663-19	1	T	12:51	X																			
240-22663-20	1	T	12:53	X																			
ZZZZZZ			12:55																				
ZZZZZZ			12:57																				
ZZZZZZ			12:58																				
ZZZZZZ			13:00																				
ZZZZZZ			13:01																				
ZZZZZZ			13:04																				
CCV 240-82099/10-A	1		13:05	X																			
CCB 240-82099/11-A	1		13:07	X																			
ZZZZZZ			13:09																				
ZZZZZZ			13:10																				
ZZZZZZ			13:11																				
ZZZZZZ			13:14																				
ZZZZZZ			13:15																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Instrument ID: H1 Method: 7471/DOD

Start Date: 04/16/2013 11:06 End Date: 04/16/2013 14:33

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			13:16																				
ZZZZZZ			13:18																				
ZZZZZZ			13:19																				
ZZZZZZ			13:21																				
ZZZZZZ			13:23																				
CCV 240-82099/10-A			13:24																				
CCB 240-82099/11-A			13:25																				
ZZZZZZ			13:28																				
ZZZZZZ			13:30																				
ZZZZZZ			13:31																				
ZZZZZZ			13:32																				
ZZZZZZ			13:34																				
ZZZZZZ			13:35																				
ZZZZZZ			13:36																				
ZZZZZZ			13:38																				
ZZZZZZ			13:39																				
ZZZZZZ			13:41																				
CCV 240-82099/10-A			13:43																				
CCB 240-82099/11-A			13:44																				
ZZZZZZ			13:45																				
ZZZZZZ			13:47																				
ZZZZZZ			13:48																				
ZZZZZZ			13:50																				
ZZZZZZ			13:52																				
ZZZZZZ			13:53																				
ZZZZZZ			13:54																				
ZZZZZZ			13:56																				
ZZZZZZ			13:57																				
ZZZZZZ			13:58																				
CCV 240-82099/10-A			14:00																				
CCB 240-82099/11-A			14:01																				
ZZZZZZ			14:02																				
ZZZZZZ			14:04																				
ZZZZZZ			14:05																				
ZZZZZZ			14:07																				
ZZZZZZ			14:08																				
ZZZZZZ			14:09																				
CCV 240-82099/10-A			14:11																				
CCB 240-82099/11-A			14:12																				
CRA 240-82099/9-A	1		14:33	X																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Instrument ID: H1 Method: 7471/DOD

Start Date: 04/16/2013 11:06 End Date: 04/16/2013 14:33

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Instrument ID: H1 Method: 7471/DOD

Start Date: 04/19/2013 09:14 End Date: 04/19/2013 14:24

Lab Sample ID	D / F	Type	Time	Analytes																				
				Hg																				
IC 240-82640/1-A			09:14	X																				
IC 240-82640/2-A			09:15	X																				
IC 240-82640/1-A			09:18	X																				
IC 240-82640/1-A			09:20	X																				
IC 240-82640/2-A			09:21	X																				
IC 240-82640/3-A			09:23	X																				
IC 240-82640/4-A			09:24	X																				
IC 240-82640/5-A			09:26	X																				
IC 240-82640/6-A			09:27	X																				
ICV 240-82640/7-A	1		09:29	X																				
ICB 240-82640/8-A	1		09:31	X																				
CRA 240-82640/9-A	1		09:32	X																				
CCV 240-82640/10-A			09:34																					
CCB 240-82640/11-A			09:36																					
ZZZZZZ			09:37																					
ZZZZZZ			09:39																					
ZZZZZZ			09:41																					
ZZZZZZ			09:43																					
ZZZZZZ			09:45																					
ZZZZZZ			09:46																					
ZZZZZZ			09:48																					
ZZZZZZ			09:49																					
ZZZZZZ			09:51																					
ZZZZZZ			09:52																					
CCV 240-82640/10-A	1		09:53	X																				
CCB 240-82640/11-A	1		09:55	X																				
ZZZZZZ			09:56																					
ZZZZZZ			09:58																					
ZZZZZZ			10:00																					
ZZZZZZ			10:01																					
ZZZZZZ			10:03																					
MB 240-82367/1-A	1	T	10:04	X																				
LCS 240-82367/2-A	1	T	10:06	X																				
ZZZZZZ			10:07																					
ZZZZZZ			10:08																					
ZZZZZZ			10:10																					
CCV 240-82640/10-A	1		10:11	X																				
CCB 240-82640/11-A	1		10:13	X																				
ZZZZZZ			10:15																					
240-22663-39	1	T	10:17	X																				
240-22663-40	1	T	10:18	X																				
240-22663-41	1	T	10:20	X																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Instrument ID: H1 Method: 7471/DOD

Start Date: 04/19/2013 09:14 End Date: 04/19/2013 14:24

Lab Sample ID	D/F	Type	Time	Analytes																				
				Hg																				
240-22663-43	1	T	10:21	X																				
240-22663-44	1	T	10:23	X																				
ZZZZZZ			10:25																					
ZZZZZZ			10:27																					
CRA 240-82640/9-A	1		10:28	X																				
ZZZZZZ			10:33																					
CCV 240-82640/10-A	1		10:35	X																				
CCB 240-82640/11-A	1		10:37	X																				
ZZZZZZ			10:39																					
ZZZZZZ			10:40																					
ZZZZZZ			10:42																					
ZZZZZZ			10:43																					
ZZZZZZ			10:45																					
ZZZZZZ			10:47																					
ZZZZZZ			10:48																					
ZZZZZZ			10:50																					
ZZZZZZ			10:51																					
ZZZZZZ			10:52																					
CCV 240-82640/10-A			10:54																					
CCB 240-82640/11-A			10:55																					
ZZZZZZ			10:57																					
ZZZZZZ			10:58																					
ZZZZZZ			10:59																					
ZZZZZZ			11:01																					
ZZZZZZ			11:02																					
ZZZZZZ			11:04																					
ZZZZZZ			11:06																					
ZZZZZZ			11:07																					
ZZZZZZ			11:09																					
ZZZZZZ			11:10																					
CCV 240-82640/10-A			11:12																					
CCB 240-82640/11-A			11:13																					
ZZZZZZ			11:14																					
ZZZZZZ			11:16																					
ZZZZZZ			11:18																					
ZZZZZZ			11:19																					
ZZZZZZ			11:21																					
ZZZZZZ			11:22																					
ZZZZZZ			11:24																					
ZZZZZZ			11:25																					
ZZZZZZ			11:27																					
ZZZZZZ			11:29																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Instrument ID: H1 Method: 7471/DOD

Start Date: 04/19/2013 09:14 End Date: 04/19/2013 14:24

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
CCV 240-82640/10-A			11:30																				
CCB 240-82640/11-A			11:31																				
ZZZZZZ			11:33																				
ZZZZZZ			11:34																				
ZZZZZZ			11:35																				
ZZZZZZ			11:37																				
ZZZZZZ			11:38																				
ZZZZZZ			11:40																				
ZZZZZZ			11:42																				
ZZZZZZ			11:44																				
ZZZZZZ			11:45																				
ZZZZZZ			11:47																				
CCV 240-82640/10-A			11:48																				
CCB 240-82640/11-A			11:50																				
ZZZZZZ			11:51																				
ZZZZZZ			11:53																				
ZZZZZZ			11:54																				
ZZZZZZ			11:56																				
CCV 240-82640/10-A			11:57																				
CCB 240-82640/11-A			11:59																				
CCV 240-82640/10-A			14:11																				
CCB 240-82640/11-A			14:12																				
ZZZZZZ			14:13																				
ZZZZZZ			14:15																				
ZZZZZZ			14:16																				
ZZZZZZ			14:18																				
ZZZZZZ			14:19																				
ZZZZZZ			14:21																				
CCV 240-82640/10-A			14:22																				
CCB 240-82640/11-A			14:24																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Instrument ID: H4 Method: 7471/DOD

Start Date: 04/17/2013 08:26 End Date: 04/17/2013 10:24

Lab Sample ID	D / F	Type	Time	Analytes																				
				Hg																				
IC 240-82099/1-A			08:26	X																				
IC 240-82099/2-A			08:29	X																				
IC 240-82099/3-A			08:31	X																				
IC 240-82099/4-A			08:32	X																				
IC 240-82099/5-A			08:34	X																				
IC 240-82099/6-A			08:36	X																				
ICV 240-82099/7-A	1		08:38	X																				
ICB 240-82099/8-A	1		08:40	X																				
CRA 240-82099/9-A	1		08:42	X																				
CCV 240-82099/10-A			08:44																					
CCB 240-82099/11-A			08:45																					
ZZZZZZ			08:49																					
ZZZZZZ			08:51																					
ZZZZZZ			08:52																					
ZZZZZZ			08:54																					
ZZZZZZ			08:57																					
ZZZZZZ			08:59																					
ZZZZZZ			09:00																					
ZZZZZZ			09:02																					
ZZZZZZ			09:04																					
ZZZZZZ			09:06																					
CCV 240-82099/10-A	1		09:08	X																				
CCB 240-82099/11-A	1		09:10	X																				
ZZZZZZ			09:12																					
ZZZZZZ			09:14																					
ZZZZZZ			09:16																					
ZZZZZZ			09:18																					
ZZZZZZ			09:20																					
ZZZZZZ			09:21																					
ZZZZZZ			09:23																					
ZZZZZZ			09:25																					
MB 240-82179/1-A	1	T	09:28	X																				
LCS 240-82179/2-A	1	T	09:30	X																				
CCV 240-82099/10-A	1		09:32	X																				
CCB 240-82099/11-A	1		09:34	X																				
240-22663-24	1	T	09:35	X																				
240-22663-24 DU	1	T	09:37	X																				
240-22663-24 MS	1	T	09:39	X																				
240-22663-21	1	T	09:42	X																				
240-22663-22	1	T	09:45	X																				
240-22663-23	1	T	09:46	X																				
240-22663-25	1	T	09:48	X																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Instrument ID: H4 Method: 7471/DOD

Start Date: 04/17/2013 08:26 End Date: 04/17/2013 10:24

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
240-22663-26	1	T	09:50	X																			
240-22663-27	1	T	09:52	X																			
240-22663-28	1	T	09:54	X																			
CCV 240-82099/10-A	1		09:56	X																			
CCB 240-82099/11-A	1		09:58	X																			
240-22663-29	1	T	10:00	X																			
240-22663-31	1	T	10:02	X																			
240-22663-32	1	T	10:04	X																			
240-22663-33	1	T	10:06	X																			
240-22663-34	1	T	10:07	X																			
240-22663-35	1	T	10:10	X																			
240-22663-36	1	T	10:12	X																			
240-22663-37	1	T	10:14	X																			
240-22663-38	1	T	10:16	X																			
CRA 240-82099/9-A	1		10:18	X																			
CRA 240-82099/9-A			10:19																				
CCV 240-82099/10-A	1		10:21	X																			
CCB 240-82099/11-A	1		10:24	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 05/04/2013 13:29 End Date: 05/05/2013 08:23

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ITUNE 180-70845/1			13:29																				
STD1 180-70845/2 IC	1		20:46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STD2 180-70845/3 IC	1		20:51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STD3 180-70845/4 IC	1		20:56	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICV 180-70845/5	1		21:01	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 180-70845/6	1		21:09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CRI 180-70845/7	1		21:17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 180-70845/8	1		21:26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 180-70845/9	1		21:34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 180-70845/10	1		21:42		X		X					X	X	X			X		X	X			
CCV 180-70845/11	1		21:50						X						X	X		X					
CCV 180-70845/12	1		21:59	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB1 180-70845/13	1		22:07	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MB 180-69114/1-A	1	T	22:15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCS 180-69114/2-A	1	T	22:23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-1	1	T	22:32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-2	1	T	22:40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-3	1	T	22:48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-5	1	T	22:56	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-5 SD	5	T	23:04	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-5 DU	1	T	23:12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-5 MS	1	T	23:21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-5 PDS	1	T	23:29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 180-70845/24	1		23:37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB2 180-70845/25	1		23:45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-4	1	T	23:53	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-6	1	T	00:02	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-7	1	T	00:10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-8	1	T	00:18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-9	1	T	00:26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-11	1	T	00:34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-12	1	T	00:42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-13	1	T	00:51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-14	1	T	00:59	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-15	1	T	01:07	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 180-70845/36	1		01:15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB3 180-70845/37	1		01:23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MB 180-69160/1-A	1	T	01:32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCS 180-69160/2-A	1	T	01:40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-16	1	T	01:48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-16 SD	5	T	01:56	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-16 DU	1	T	02:05	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 05/04/2013 13:29 End Date: 05/05/2013 08:23

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
240-22663-16 MS	1	T	02:13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-16 PDS	1	T	02:21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-17	1	T	02:29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-18	1	T	02:37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-19	1	T	02:46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 180-70845/48	1		02:54	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB4 180-70845/49	1		03:02	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-20	1	T	03:10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-21	1	T	03:18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-22	1	T	03:27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-23	1	T	03:35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-25	1	T	03:43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-26	1	T	03:51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-27	1	T	04:00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-28	1	T	04:08	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MB 180-69260/1-A	1	T	04:16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCS 180-69260/2-A	1	T	04:24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 180-70845/60	1		04:32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB5 180-70845/61	1		04:41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-24	1	T	04:49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-24 SD	5	T	04:57	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-24 DU	1	T	05:05	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-24 MS	1	T	05:14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-24 PDS	1	T	05:22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-29	1	T	05:30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-31	1	T	05:38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-32	1	T	05:47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-33	1	T	05:55	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-34	1	T	06:03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 180-70845/72	1		06:11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB6 180-70845/73	1		06:20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-35	1	T	06:28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-36	1	T	06:36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-37	1	T	06:44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-38	1	T	06:52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-39	1	T	07:01	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-40	1	T	07:09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-41	1	T	07:17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-43	1	T	07:26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-22663-44	1	T	07:34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 180-70845/83	1		07:42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB7 180-70845/84	1		07:50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 05/04/2013 13:29 End Date: 05/05/2013 08:23

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
CRI 180-70845/85	1		07:59	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CRI 180-70845/86			08:07																				
CCV 180-70845/87	1		08:15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB8 180-70845/88	1		08:23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 05/04/2013 13:29 End Date: 05/05/2013 08:23

Lab Sample ID	D/F	Type	Time	Analytes																			
				V	Zn																		
ITUNE 180-70845/1			13:29																				
STD1 180-70845/2 IC	1		20:46	X	X																		
STD2 180-70845/3 IC	1		20:51	X	X																		
STD3 180-70845/4 IC	1		20:56	X	X																		
ICV 180-70845/5	1		21:01	X	X																		
ICB 180-70845/6	1		21:09	X	X																		
CRI 180-70845/7	1		21:17	X	X																		
ICSA 180-70845/8	1		21:26	X	X																		
ICSAB 180-70845/9	1		21:34	X	X																		
CCV 180-70845/10	1		21:42		X																		
CCV 180-70845/11	1		21:50																				
CCV 180-70845/12	1		21:59	X	X																		
CCB1 180-70845/13	1		22:07	X	X																		
MB 180-69114/1-A	1	T	22:15	X	X																		
LCS 180-69114/2-A	1	T	22:23	X	X																		
240-22663-1	1	T	22:32	X	X																		
240-22663-2	1	T	22:40	X	X																		
240-22663-3	1	T	22:48	X	X																		
240-22663-5	1	T	22:56	X	X																		
240-22663-5 SD	5	T	23:04	X	X																		
240-22663-5 DU	1	T	23:12	X	X																		
240-22663-5 MS	1	T	23:21	X	X																		
240-22663-5 PDS	1	T	23:29	X	X																		
CCV 180-70845/24	1		23:37	X	X																		
CCB2 180-70845/25	1		23:45	X	X																		
240-22663-4	1	T	23:53	X	X																		
240-22663-6	1	T	00:02	X	X																		
240-22663-7	1	T	00:10	X	X																		
240-22663-8	1	T	00:18	X	X																		
240-22663-9	1	T	00:26	X	X																		
240-22663-11	1	T	00:34	X	X																		
240-22663-12	1	T	00:42	X	X																		
240-22663-13	1	T	00:51	X	X																		
240-22663-14	1	T	00:59	X	X																		
240-22663-15	1	T	01:07	X	X																		
CCV 180-70845/36	1		01:15	X	X																		
CCB3 180-70845/37	1		01:23	X	X																		
MB 180-69160/1-A	1	T	01:32	X	X																		
LCS 180-69160/2-A	1	T	01:40	X	X																		
240-22663-16	1	T	01:48	X	X																		
240-22663-16 SD	5	T	01:56	X	X																		
240-22663-16 DU	1	T	02:05	X	X																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 05/04/2013 13:29 End Date: 05/05/2013 08:23

Lab Sample ID	D/F	Type	Time	Analytes																			
				V	Zn																		
240-22663-16 MS	1	T	02:13	X	X																		
240-22663-16 PDS	1	T	02:21	X	X																		
240-22663-17	1	T	02:29	X	X																		
240-22663-18	1	T	02:37	X	X																		
240-22663-19	1	T	02:46	X	X																		
CCV 180-70845/48	1		02:54	X	X																		
CCB4 180-70845/49	1		03:02	X	X																		
240-22663-20	1	T	03:10	X	X																		
240-22663-21	1	T	03:18	X	X																		
240-22663-22	1	T	03:27	X	X																		
240-22663-23	1	T	03:35	X	X																		
240-22663-25	1	T	03:43	X	X																		
240-22663-26	1	T	03:51	X	X																		
240-22663-27	1	T	04:00	X	X																		
240-22663-28	1	T	04:08	X	X																		
MB 180-69260/1-A	1	T	04:16	X	X																		
LCS 180-69260/2-A	1	T	04:24	X	X																		
CCV 180-70845/60	1		04:32	X	X																		
CCB5 180-70845/61	1		04:41	X	X																		
240-22663-24	1	T	04:49	X	X																		
240-22663-24 SD	5	T	04:57	X	X																		
240-22663-24 DU	1	T	05:05	X	X																		
240-22663-24 MS	1	T	05:14	X	X																		
240-22663-24 PDS	1	T	05:22	X	X																		
240-22663-29	1	T	05:30	X	X																		
240-22663-31	1	T	05:38	X	X																		
240-22663-32	1	T	05:47	X	X																		
240-22663-33	1	T	05:55	X	X																		
240-22663-34	1	T	06:03	X	X																		
CCV 180-70845/72	1		06:11	X	X																		
CCB6 180-70845/73	1		06:20	X	X																		
240-22663-35	1	T	06:28	X	X																		
240-22663-36	1	T	06:36	X	X																		
240-22663-37	1	T	06:44	X	X																		
240-22663-38	1	T	06:52	X	X																		
240-22663-39	1	T	07:01	X	X																		
240-22663-40	1	T	07:09	X	X																		
240-22663-41	1	T	07:17	X	X																		
240-22663-43	1	T	07:26	X	X																		
240-22663-44	1	T	07:34	X	X																		
CCV 180-70845/83	1		07:42	X	X																		
CCB7 180-70845/84	1		07:50	X	X																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 05/04/2013 13:29 End Date: 05/05/2013 08:23

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
CRI 180-70845/85	1		07:59	X	X																		
CRI 180-70845/86			08:07																				
CCV 180-70845/87	1		08:15	X	X																		
CCB8 180-70845/88	1		08:23	X	X																		

Prep Types

T = Total/NA

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

ICP-MS Instrument ID: M Start Date: 05/04/2013 End Date: 05/05/2013

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Sc	Q	Element Y-89	Q	Element Rh-103	Q	Element In	Q
STD1 180-70845/2 IC	20:46	100		100		100		100		100	
STD2 180-70845/3 IC	20:51	85		79		78		72		77	
STD3 180-70845/4 IC	20:56	87		82		81		80		82	
ICV 180-70845/5	21:01	89		85		84		78		82	
ICB 180-70845/6	21:09	100		100		98		99		99	
CRI 180-70845/7	21:17	109		97		96		91		97	
ICSA 180-70845/8	21:26	71		59		72		63		64	
ICSAB 180-70845/9	21:34	71		59		57		57		64	
CCV 180-70845/10	21:42	81		72		67		72		80	
CCV 180-70845/11	21:50	90		99		98		82		91	
CCV 180-70845/12	21:59	88		85		81		78		80	
CCB1 180-70845/13	22:07	117		118		110		103		101	
MB 180-69114/1-A	22:15	101		107		106		100		98	
LCS 180-69114/2-A	22:23	78		76		68		73		71	
240-22663-1	22:32	78		76		0		68		72	
240-22663-2	22:40	82		80		0		72		75	
240-22663-3	22:48	76		78		0		67		72	
240-22663-5	22:56	75		76		0		66		71	
240-22663-5 SD	23:04	87		78		87		74		76	
240-22663-5 DU	23:12	75		76		0		66		71	
240-22663-5 MS	23:21	71		72		0		59		65	
240-22663-5 PDS	23:29	69		68		0		54		64	
CCV 180-70845/24	23:37	76		72		70		67		69	
CCB2 180-70845/25	23:45	106		104		90		91		91	
240-22663-4	23:53	75		75		0		65		70	
240-22663-6	00:02	71		71		0		61		66	
240-22663-7	00:10	72		71		0		62		66	
240-22663-8	00:18	71		70		0		60		65	
240-22663-9	00:26	71		69		0		61		65	
240-22663-11	00:34	71		68		0		60		64	
240-22663-12	00:42	70		68		0		59		64	
240-22663-13	00:51	80		80		0		70		74	
240-22663-14	00:59	71		68		0		59		63	
240-22663-15	01:07	69		67		0		58		62	
CCV 180-70845/36	01:15	75		70		68		65		67	
CCB3 180-70845/37	01:23	104		102		87		91		87	
MB 180-69160/1-A	01:32	84		81		78		79		79	
LCS 180-69160/2-A	01:40	73		69		61		66		64	
240-22663-16	01:48	71		69		0		61		65	
240-22663-16 SD	01:56	82		70		83		67		68	
240-22663-16 DU	02:05	72		68		0		60		64	
240-22663-16 MS	02:13	70		68		0		58		62	

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

ICP-MS Instrument ID: M Start Date: 05/04/2013 End Date: 05/05/2013

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Sc	Q	Element Y-89	Q	Element Rh-103	Q	Element In	Q
240-22663-16 PDS	02:21	71		66		0		55		62	
240-22663-17	02:29	75		73		0		64		67	
240-22663-18	02:37	73		74		0		64		67	
240-22663-19	02:46	72		70		0		62		65	
CCV 180-70845/48	02:54	74		70		67		64		66	
CCB4 180-70845/49	03:02	98		100		86		90		86	
240-22663-20	03:10	81		79		0		69		71	
240-22663-21	03:18	72		68		0		60		63	
240-22663-22	03:27	67		65		0		56		60	
240-22663-23	03:35	68		66		0		57		61	
240-22663-25	03:43	69		65		0		58		61	
240-22663-26	03:51	67		65		0		56		60	
240-22663-27	04:00	66		62		0		55		58	
240-22663-28	04:08	70		65		0		59		61	
MB 180-69260/1-A	04:16	69		63		60		60		61	
LCS 180-69260/2-A	04:24	67		61		54		58		55	
CCV 180-70845/60	04:32	72		66		65		61		63	
CCB5 180-70845/61	04:41	119		116		100		115		94	
240-22663-24	04:49	65		61		0		53		57	
240-22663-24 SD	04:57	74		63		76		60		61	
240-22663-24 DU	05:05	66		61		0		53		56	
240-22663-24 MS	05:14	64		61		0		50		55	
240-22663-24 PDS	05:22	65		59		0		49		55	
240-22663-29	05:30	80		78		0		68		70	
240-22663-31	05:38	72		71		0		60		64	
240-22663-32	05:47	72		70		0		59		63	
240-22663-33	05:55	69		69		0		57		61	
240-22663-34	06:03	69		67		0		56		60	
CCV 180-70845/72	06:11	79		70		64		59		60	
CCB6 180-70845/73	06:20	107		105		88		91		87	
240-22663-35	06:28	70		67		0		56		60	
240-22663-36	06:36	72		71		0		60		62	
240-22663-37	06:44	71		70		0		59		63	
240-22663-38	06:52	69		66		0		56		59	
240-22663-39	07:01	70		67		0		58		60	
240-22663-40	07:09	66		64		0		53		56	
240-22663-41	07:17	69		65		0		54		57	
240-22663-43	07:26	66		62		0		51		55	
240-22663-44	07:34	66		61		0		51		55	
CCV 180-70845/83	07:42	74		65		60		55		57	
CCB7 180-70845/84	07:50	112		104		88		95		92	
CRI 180-70845/85	07:59	98		92		82		74		71	

FORM XV - IN

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

ICP-MS Instrument ID: M Start Date: 05/04/2013 End Date: 05/05/2013

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Sc	Q	Element Y-89	Q	Element Rh-103	Q	Element In	Q
CCV 180-70845/87	08:15	77		69		65		59		60	
CCB8 180-70845/88	08:23	106		113		88		96		93	

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

ICP-MS Instrument ID: M Start Date: 05/04/2013 End Date: 05/05/2013

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Tb	Q	Element Ho	Q	Element Bi	Q	Element	Q	Element	Q
STD1 180-70845/2 IC	20:46	100		100		100					
STD2 180-70845/3 IC	20:51	82		82		72					
STD3 180-70845/4 IC	20:56	84		85		85					
ICV 180-70845/5	21:01	85		86		79					
ICB 180-70845/6	21:09	97		98		99					
CRI 180-70845/7	21:17	92		92		93					
ICSA 180-70845/8	21:26	65		65		69					
ICSAB 180-70845/9	21:34	65		65		63					
CCV 180-70845/10	21:42	71		67		73					
CCV 180-70845/11	21:50	96		97		72					
CCV 180-70845/12	21:59	84		84		75					
CCB1 180-70845/13	22:07	98		99		100					
MB 180-69114/1-A	22:15	97		97		98					
LCS 180-69114/2-A	22:23	79		80		69					
240-22663-1	22:32	74		74		66					
240-22663-2	22:40	78		77		70					
240-22663-3	22:48	79		78		65					
240-22663-5	22:56	76		75		63					
240-22663-5 SD	23:04	78		79		70					
240-22663-5 DU	23:12	77		75		64					
240-22663-5 MS	23:21	72		70		58					
240-22663-5 PDS	23:29	72		70		58					
CCV 180-70845/24	23:37	72		73		68					
CCB2 180-70845/25	23:45	91		91		93					
240-22663-4	23:53	77		75		63					
240-22663-6	00:02	72		71		60					
240-22663-7	00:10	71		70		60					
240-22663-8	00:18	71		70		60					
240-22663-9	00:26	69		68		59					
240-22663-11	00:34	70		69		58					
240-22663-12	00:42	71		69		58					
240-22663-13	00:51	80		78		66					
240-22663-14	00:59	70		69		58					
240-22663-15	01:07	72		70		58					
CCV 180-70845/36	01:15	70		70		65					
CCB3 180-70845/37	01:23	86		86		88					
MB 180-69160/1-A	01:32	78		78		80					
LCS 180-69160/2-A	01:40	71		71		61					
240-22663-16	01:48	70		69		60					
240-22663-16 SD	01:56	69		69		63					
240-22663-16 DU	02:05	69		69		60					
240-22663-16 MS	02:13	68		67		56					

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

ICP-MS Instrument ID: M Start Date: 05/04/2013 End Date: 05/05/2013

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Tb	Q	Element Ho	Q	Element Bi	Q	Element	Q	Element	Q
240-22663-16 PDS	02:21	68		67		56					
240-22663-17	02:29	72		71		60					
240-22663-18	02:37	72		70		59					
240-22663-19	02:46	71		70		59					
CCV 180-70845/48	02:54	67		68		63					
CCB4 180-70845/49	03:02	84		85		86					
240-22663-20	03:10	74		73		62					
240-22663-21	03:18	64		63		57					
240-22663-22	03:27	65		63		53					
240-22663-23	03:35	65		64		54					
240-22663-25	03:43	63		63		55					
240-22663-26	03:51	64		63		54					
240-22663-27	04:00	61		60		53					
240-22663-28	04:08	62		62		55					
MB 180-69260/1-A	04:16	62		62		62					
LCS 180-69260/2-A	04:24	62		63		52					
CCV 180-70845/60	04:32	65		65		60					
CCB5 180-70845/61	04:41	92		92		93					
240-22663-24	04:49	60		59		52					
240-22663-24 SD	04:57	61		62		57					
240-22663-24 DU	05:05	59		58		49					
240-22663-24 MS	05:14	57		56		47					
240-22663-24 PDS	05:22	60		58		48					
240-22663-29	05:30	72		71		59					
240-22663-31	05:38	65		65		53					
240-22663-32	05:47	65		64		52					
240-22663-33	05:55	64		63		51					
240-22663-34	06:03	63		62		50					
CCV 180-70845/72	06:11	62		62		55					
CCB6 180-70845/73	06:20	89		88		83					
240-22663-35	06:28	62		61		50					
240-22663-36	06:36	64		63		52					
240-22663-37	06:44	65		64		52					
240-22663-38	06:52	61		60		50					
240-22663-39	07:01	62		61		52					
240-22663-40	07:09	60		58		47					
240-22663-41	07:17	59		58		47					
240-22663-43	07:26	57		55		44					
240-22663-44	07:34	57		56		45					
CCV 180-70845/83	07:42	58		58		51					
CCB7 180-70845/84	07:50	88		88		87					
CRI 180-70845/85	07:59	68		67		67					

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

ICP-MS Instrument ID: M Start Date: 05/04/2013 End Date: 05/05/2013

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Tb	Q	Element Ho	Q	Element Bi	Q	Element	Q	Element	Q
CCV 180-70845/87	08:15	60		60		55					
CCB8 180-70845/88	08:23	88		88		89					

TestAmerica North Canton Hg Data Review Checklist

Run/Project Information:

Circle Methods used: 7470A / 245.1 : (7471:)

Run Date: 4/16/2013 Analyst: A. Sutherland Instrument: H1

Review Items				
A. Calibration/Instrument Run QC	Yes	No	N/A	2nd Level
1. Instrument calibrated per manufacturer's instructions and at SOP specified levels?	✓			✓
2. ICV/CCV analyzed at appropriate frequency and within control limits?	✓			✓
3. ICB/CCB analyzed at appropriate frequency and within +/- RL?	✓			✓
4. CRA run?	✓			✓
B. Sample Results				
1. Were samples with concentrations > high calibration standard diluted and reanalyzed?	✓			✓
2. All reported results bracketed by in control QC?	✓			✓
3. Sample analyses done within holding time?	✓			✓
C. Preparation/ Matrix QC				
1. LCS done per prep batch and within QC limits?	✓			✓
2. Method blank done per prep batch and < RL?	✓			✓
3. MS run at required frequency and within limits?	✓			✓
4. MSD or DU run at required frequency and RPD within SOP limits?	✓			✓
D. Other				
1. Are all nonconformances documented appropriately?			✓	✓
2. Current IDL/MDL data on file?	✓			✓
3. Calculations and Transcription checked for error?	✓			✓
4. All client/project specific requirements met?	✓			✓
5. Date of analysis verified as correct?	✓			✓

Level I

Analyst: [signature] Date/Time: 4/17/2013 Reviewed from 11:06 to 14:33

Analyst: _____ Date/Time: _____ Reviewed from _____ to _____

Comments: _____

Level II

Reviewer: [signature] Date/Time: 4/17/13 Reviewed from 11:06 to 14:33

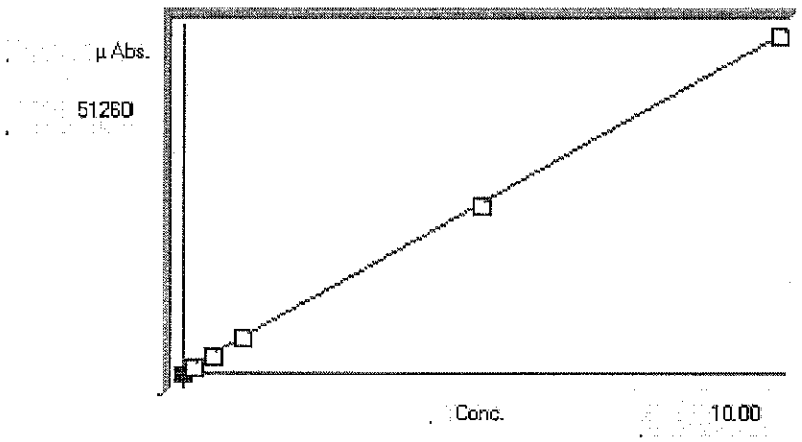
Reviewer: _____ Date/Time: _____ Reviewed from _____ to _____

Comments _____

Curve Date 4/16/2013 Curve Time 9:55 - 10:25 DILUTION H20 00014

Revised 11/29/2012

Protocol: 0416AHG1



Linear

Calibrated

Accepted

A

B 1.96148e-4

C -5.65353e-2

Rhc .999994

Accepted Date: 16-Apr-13 11:13

S	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
01	.00000	.0151	.0151	366	1	365				
02	.20000	.1798	-.0202	1206	0%	1205				
03	.50000	.4903	-.0097	2788	0%	2788				
04	1.0000	1.014	.0140	5459	0%	5458				
05	5.0000	5.003	.0027	25793	0%	25793				
06	10.000	9.998	-.0020	51261	0%	51260				
07										
08										
09										
10										

```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-------------------------------------------------------------------------------

*** Standard: 1 Rep: 1                Seq:  1       11:06:54 16 Apr 13   HG

Hg    .0000   ppb       365

*** Standard: 2 Rep: 1                Seq:  2       11:08:12 16 Apr 13   HG

Hg    .2000   ppb       1205

*** Standard: 3 Rep: 1                Seq:  3       11:09:32 16 Apr 13   HG

Hg    .5000   ppb       2788

*** Standard: 4 Rep: 1                Seq:  4       11:10:52 16 Apr 13   HG

Hg    1.000   ppb       5458

*** Standard: 5 Rep: 1                Seq:  5       11:12:20 16 Apr 13   HG

Hg    5.000   ppb       25793

*** Standard: 6 Rep: 1                Seq:  6       11:13:40 16 Apr 13   HG

Hg    10.00   ppb       51260

*** Check Standard: 2  Ck2ICV         Seq:  7       11:15:28 16 Apr 13   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          101.0    2.524   2.500  ppb         .0000

*** Check Standard: 3  Ck3ICB         Seq:  8       11:16:45 16 Apr 13   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          ^^^^^^  -.0079   .0000  ppb         .0000

*** Check Standard: 4  Ck4CRA\MRL     Seq:  9       11:18:02 16 Apr 13   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          94.52    .1890   .2000  ppb         .0000

*** Check Standard: 6  Ck6CCV         Seq:  10      11:19:29 16 Apr 13   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          101.0    5.051   5.000  ppb         .0000

*** Check Standard: 1  Ck1CCB         Seq:  11      11:20:45 16 Apr 13   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.0128    .2000    ppb         .0000

*** Sample ID:                        Seq:  12      11:22:20 16 Apr 13   HG
                          MB 240-81953/1-A
Hg   -.0179   ppb       .0000    -.0179

*** Sample ID:                        Seq:  13      11:23:36 16 Apr 13   HG
                          LCS 240-81953/2-A
Hg    5.033   ppb       .0000     5.033

*** Sample ID:                        Seq:  14      11:25:26 16 Apr 13   HG
                          240-23183-B-16-D
Hg    .0496   ppb       .0000     .0496

*** Sample ID:                        Seq:  15      11:26:42 16 Apr 13   HG
                          240-23183-B-16-E MS
Hg    1.053   ppb       .0000     1.053

*** Sample ID:                        Seq:  16      11:27:58 16 Apr 13   HG
                          240-23183-B-16-F MSD
Hg    1.024   ppb       .0000     1.024
```

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 97 13:35:27 16 Apr 13 HG
240-23081-G-2-B
Hg 1.396 ppb .0000 1.396

*** Sample ID: Seq: 98 13:36:53 16 Apr 13 HG
240-23081-H-3-B
Hg .4266 ppb .0000 .4266

*** Sample ID: Seq: 99 13:38:33 16 Apr 13 HG
240-23081-G-4-B
Hg 1.542 ppb .0000 1.542

*** Sample ID: Seq: 100 13:39:54 16 Apr 13 HG
MB 240-81982/1-A
Hg -.0093 ppb .0000 -.0093

*** Sample ID: Seq: 101 13:41:11 16 Apr 13 HG
LCS 240-81982/2-A
Hg 5.091 ppb .0000 5.091

*** Check Standard: 6 Ck6CCV Seq: 102 13:43:03 16 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		99.41	4.970	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 103 13:44:29 16 Apr 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0089	.2000	ppb	.0000

*** Sample ID: Seq: 104 13:45:50 16 Apr 13 HG
240-23054-D-18-B
Hg .1741 ppb .0000 .1741

*** Sample ID: Seq: 105 13:47:18 16 Apr 13 HG
240-23054-D-18-C MS
Hg 1.179 ppb .0000 1.179

*** Sample ID: Seq: 106 13:48:37 16 Apr 13 HG
240-23054-D-18-D MSD
Hg 1.162 ppb .0000 1.162

*** Sample ID: Seq: 107 13:50:30 16 Apr 13 HG
240-23054-D-19-B
Hg .0586 ppb .0000 .0586

*** Sample ID: Seq: 108 13:52:00 16 Apr 13 HG
240-23054-D-20-B
Hg .0557 ppb .0000 .0557

*** Sample ID: Seq: 109 13:53:19 16 Apr 13 HG
240-23054-D-21-B
Hg .1000 ppb .0000 .1000

*** Sample ID: Seq: 110 13:54:36 16 Apr 13 HG
240-22954-B-7-E
Hg .2832 ppb .0000 .2832

*** Sample ID: Seq: 111 13:56:05 16 Apr 13 HG
240-23170-D-3-C
Hg .0647 ppb .0000 .0647

*** Sample ID: Seq: 112 13:57:34 16 Apr 13 HG
240-22764-I-1-A
Hg .0370 ppb .0000 .0370

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 17	11:29:34 16 Apr 13	HG		
				240-23183-B-17-B				
Hg	.0498	ppb	.0000	.0498				
*** Sample ID:				Seq: 18	11:30:51 16 Apr 13	HG		
				240-23183-B-18-B				
Hg	.0068	ppb	.0000	.0068				
*** Sample ID:				Seq: 19	11:32:34 16 Apr 13	HG		
				240-23183-B-19-B				
Hg	.0202	ppb	.0000	.0202				
*** Sample ID:				Seq: 20	11:33:51 16 Apr 13	HG		
				240-23183-B-20-B				
Hg	.0074	ppb	.0000	.0074				
*** Sample ID:				Seq: 21	11:35:08 16 Apr 13	HG		
				240-23183-B-21-B				
Hg	61.71 H	ppb	.0000	61.71				
*** Check Standard: 6 Ck6CCV				Seq: 22	11:36:34 16 Apr 13	HG		
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		97.42	4.871	5.000	ppb	.0000		
*** Check Standard: 1 Ck1CCB				Seq: 23	11:38:03 16 Apr 13	HG		
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.0263	.2000	ppb	.0000			
*** Sample ID:				Seq: 24	11:39:43 16 Apr 13	HG		
				240-23183-B-22-B				
Hg	.4077	ppb	.0000	.4077				
*** Sample ID:				Seq: 25	11:41:52 16 Apr 13	HG		
				240-23183-B-23-B				
Hg	.1449	ppb	.0000	.1449				
*** Sample ID:				Seq: 26	11:44:00 16 Apr 13	HG		
				240-23183-A-1-B				
Hg	.0068	ppb	.0000	.0068				
*** Sample ID:				Seq: 27	11:46:01 16 Apr 13	HG		
				240-23183-A-2-B				
Hg	1.292	ppb	.0000	1.292				
*** Sample ID:				Seq: 28	11:47:40 16 Apr 13	HG		
				240-23183-A-3-B				
Hg	.2179	ppb	.0000	.2179				
*** Sample ID:				Seq: 29	11:49:30 16 Apr 13	HG		
				240-23183-B-21-B@20				
Hg	3.075	ppb	.0000	3.075				
*** Check Standard: 6 Ck6CCV				Seq: 30	11:51:25 16 Apr 13	HG		
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		99.62	4.981	5.000	ppb	.0000		
*** Check Standard: 1 Ck1CCB				Seq: 31	11:52:40 16 Apr 13	HG		
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.0222	.2000	ppb	.0000			
*** Sample ID:				Seq: 32	11:53:55 16 Apr 13	HG		
				LB 240-81614/1-C				
Hg	-.0073	ppb	.0000	-.0073				

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 33 11:55:12 16 Apr 13 HG
MB 240-81961/2-A
Hg -.0089 ppb .0000 -.0089

*** Sample ID: Seq: 34 11:56:38 16 Apr 13 HG
LCS 240-81961/3-A
Hg 4.637 ppb .0000 4.637

*** Sample ID: Seq: 35 11:57:53 16 Apr 13 HG
240-22911-A-1-G
Hg -.0310 ppb .0000 -.0310

ADS 4/17/2013

*** Sample ID: Seq: 36 11:59:08 16 Apr 13 HG
240-22911-A-1-H MS
Hg 4.176 ppb .0000 4.176

*** Sample ID: Seq: 37 12:00:46 16 Apr 13 HG
240-22911-A-1-I MSD
Hg 4.085 ppb .0000 4.085

*** Sample ID: Seq: 38 12:02:06 16 Apr 13 HG
240-22910-B-1-H
Hg .0064 ppb .0000 .0064

*** Sample ID: Seq: 39 12:03:24 16 Apr 13 HG
240-22829-A-8-I
Hg .0215 ppb .0000 .0215

*** Sample ID: Seq: 40 12:04:42 16 Apr 13 HG
MB 240-81976/1-A
Hg -.0150 ppb .0000 -.0150

*** Sample ID: Seq: 41 12:06:08 16 Apr 13 HG
LCS 240-81976/2-A
Hg 5.021 ppb .0000 5.021

*** Check Standard: 6 Ck6CCV Seq: 42 12:07:24 16 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		99.51	4.976	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 43 12:09:01 16 Apr 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0099	.2000	ppb	.0000

*** Sample ID: Seq: 44 12:10:32 16 Apr 13 HG
240-22663-D-5-E
Hg .0951 ppb .0000 .0951

*** Sample ID: Seq: 45 12:11:48 16 Apr 13 HG
240-22663-D-5-F MS
Hg 1.118 ppb .0000 1.118

*** Sample ID: Seq: 46 12:14:26 16 Apr 13 HG
240-22663-D-5-G DU
Hg .1504 ppb .0000 .1504

*** Sample ID: Seq: 47 12:15:43 16 Apr 13 HG
240-22663-E-16-E
Hg .0688 ppb .0000 .0688

*** Sample ID: Seq: 48 12:17:24 16 Apr 13 HG
240-22663-E-16-F MS
Hg 1.081 ppb .0000 1.081

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID:				Seq: 49		12:18:39 16 Apr 13			HG
				240-22663-E-16-G DU					
Hg	.1655	ppb	.0000	.1655					
*** Sample ID:				Seq: 50		12:19:56 16 Apr 13			HG
				240-22660-C-28-B					
Hg	.0786	ppb	.0000	.0786					
*** Sample ID:				Seq: 51		12:21:13 16 Apr 13			HG
				240-22663-C-1-B					
Hg	.1245	ppb	.0000	.1245					
*** Sample ID:				Seq: 52		12:22:34 16 Apr 13			HG
				240-22663-C-2-B					
Hg	.1396	ppb	.0000	.1396					
*** Sample ID:				Seq: 53		12:24:25 16 Apr 13			HG
				240-22663-C-3-B					
Hg	.0865	ppb	.0000	.0865					
*** Check Standard: 6 Ck6CCV				Seq: 54		12:25:42 16 Apr 13			HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		99.02	4.951	5.000	ppb	.0000			
*** Check Standard: 1 Ck1CCB				Seq: 55		12:28:22 16 Apr 13			HG
Line	Flag	Found	Range(+/-)	Units		SD/RSD			
Hg		.0123	.2000	ppb		.0000			
*** Sample ID:				Seq: 56		12:29:58 16 Apr 13			HG
				240-22663-G-4-E					
Hg	.0776	ppb	.0000	.0776					
*** Sample ID:				Seq: 57		12:31:14 16 Apr 13			HG
				240-22663-C-6-B					
Hg	.0906	ppb	.0000	.0906					
*** Sample ID:				Seq: 58		12:32:32 16 Apr 13			HG
				240-22663-G-7-E					
Hg	.0965	ppb	.0000	.0965					
*** Sample ID:				Seq: 59		12:33:50 16 Apr 13			HG
				240-22663-C-8-B					
Hg	.1345	ppb	.0000	.1345					
*** Sample ID:				Seq: 60		12:36:17 16 Apr 13			HG
				240-22663-B-9-B					
Hg	.1176	ppb	.0000	.1176					
*** Sample ID:				Seq: 61		12:37:45 16 Apr 13			HG
				240-22663-C-11-B					
Hg	.1484	ppb	.0000	.1484					
*** Sample ID:				Seq: 62		12:40:00 16 Apr 13			HG
				240-22663-C-12-B					
Hg	.0808	ppb	.0000	.0808					
*** Sample ID:				Seq: 63		12:41:17 16 Apr 13			HG
				240-22663-C-13-B					
Hg	.0680	ppb	.0000	.0680					
*** Sample ID:				Seq: 64		12:42:34 16 Apr 13			HG
				240-22663-C-14-B					
Hg	.1023	ppb	.0000	.1023					

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID:				Seq: 65		12:43:56 16 Apr 13			HG
				240-22663-C-15-B					
Hg	.1239	ppb	.0000	.1239					
*** Check Standard: 6 Ck6CCV				Seq: 66		12:45:13 16 Apr 13			HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		100.4	5.018	5.000	ppb	.0000			
*** Check Standard: 1 Ck1CCB				Seq: 67		12:46:49 16 Apr 13			HG
Line	Flag	Found	Range(+/-)	Units		SD/RSD			
Hg		.0019	.2000	ppb		.0000			
*** Sample ID:				Seq: 68		12:48:05 16 Apr 13			HG
				240-22663-G-17-E					
Hg	.0908	ppb	.0000	.0908					
*** Sample ID:				Seq: 69		12:49:36 16 Apr 13			HG
				240-22663-C-18-B					
Hg	.0602	ppb	.0000	.0602					
*** Sample ID:				Seq: 70		12:51:17 16 Apr 13			HG
				240-22663-C-19-B					
Hg	.0874	ppb	.0000	.0874					
*** Sample ID:				Seq: 71		12:53:45 16 Apr 13			HG
				240-22663-C-20-A					
Hg	.1304	ppb	.0000	.1304					
*** Sample ID:				Seq: 72		12:55:34 16 Apr 13			HG
				MB 240-81935/1-A					
Hg	.0111	ppb	.0000	.0111					
*** Sample ID:				Seq: 73		12:57:02 16 Apr 13			HG
				LCS 240-81935/2-A					
Hg	4.661	ppb	.0000	4.661					
*** Sample ID:				Seq: 74		12:58:48 16 Apr 13			HG
				240-23054-I-12-D					
Hg	.2861	ppb	.0000	.2861					
*** Sample ID:				Seq: 75		13:00:34 16 Apr 13			HG
				240-23054-I-12-E MS					
Hg	1.248	ppb	.0000	1.248					
*** Sample ID:				Seq: 76		13:01:50 16 Apr 13			HG
				240-23054-I-12-F MSD					
Hg	1.260	ppb	.0000	1.260					
*** Sample ID:				Seq: 77		13:04:36 16 Apr 13			HG
				240-23054-D-2-B					
Hg	.1484	ppb	.0000	.1484					
*** Check Standard: 6 Ck6CCV				Seq: 78		13:05:56 16 Apr 13			HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		99.96	4.998	5.000	ppb	.0000			
*** Check Standard: 1 Ck1CCB				Seq: 79		13:07:16 16 Apr 13			HG
Line	Flag	Found	Range(+/-)	Units		SD/RSD			
Hg		-.0161	.2000	ppb		.0000			
*** Sample ID:				Seq: 80		13:09:03 16 Apr 13			HG
				240-23054-D-3-B					
Hg	.1592	ppb	.0000	.1592					

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 81	13:10:20 16 Apr 13	HG		
				240-23054-D-4-B				
Hg	.0812	ppb	.0000	.0812				
*** Sample ID:				Seq: 82	13:11:48 16 Apr 13	HG		
				240-23054-D-5-B				
Hg	.0957	ppb	.0000	.0957				
*** Sample ID:				Seq: 83	13:14:05 16 Apr 13	HG		
				240-23054-D-6-B				
Hg	.0808	ppb	.0000	.0808				
*** Sample ID:				Seq: 84	13:15:33 16 Apr 13	HG		
				240-23054-D-7-B				
Hg	.1021	ppb	.0000	.1021				
*** Sample ID:				Seq: 85	13:16:49 16 Apr 13	HG		
				240-23054-D-8-B				
Hg	.1390	ppb	.0000	.1390				
*** Sample ID:				Seq: 86	13:18:16 16 Apr 13	HG		
				240-23054-D-9-B				
Hg	.1490	ppb	.0000	.1490				
*** Sample ID:				Seq: 87	13:19:32 16 Apr 13	HG		
				240-23054-D-10-B				
Hg	.1637	ppb	.0000	.1637				
*** Sample ID:				Seq: 88	13:21:19 16 Apr 13	HG		
				240-23054-D-11-B				
Hg	.0868	ppb	.0000	.0868				
*** Sample ID:				Seq: 89	13:23:07 16 Apr 13	HG		
				240-23054-D-13-B				
Hg	.1588	ppb	.0000	.1588				
*** Check Standard: 6 Ck6CCV				Seq: 90	13:24:34 16 Apr 13	HG		
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		100.3	5.015	5.000	ppb	.0000		
*** Check Standard: 1 Ck1CCB				Seq: 91	13:25:49 16 Apr 13	HG		
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.0238	.2000	ppb	.0000			
*** Sample ID:				Seq: 92	13:28:48 16 Apr 13	HG		
				240-23054-D-14-B				
Hg	.0961	ppb	.0000	.0961				
*** Sample ID:				Seq: 93	13:30:06 16 Apr 13	HG		
				240-23054-D-15-B				
Hg	.1836	ppb	.0000	.1836				
*** Sample ID:				Seq: 94	13:31:23 16 Apr 13	HG		
				240-23054-D-16-B				
Hg	.0692	ppb	.0000	.0692				
*** Sample ID:				Seq: 95	13:32:52 16 Apr 13	HG		
				240-23054-D-17-B				
Hg	.0633	ppb	.0000	.0633				
*** Sample ID:				Seq: 96	13:34:10 16 Apr 13	HG		
				240-23081-I-1-B				
Hg	1.959	ppb	.0000	1.959				

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 113 13:58:52 16 Apr 13 HG
240-22764-I-2-A

Hg	.0113	ppb	.0000	.0113

*** Check Standard: 6 Ck6CCV Seq: 114 14:00:08 16 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		99.67	4.983	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 115 14:01:28 16 Apr 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0073	.2000	ppb	.0000

*** Sample ID: Seq: 116 14:02:49 16 Apr 13 HG
240-22764-I-3-A

Hg	.0886	ppb	.0000	.0886

*** Sample ID: Seq: 117 14:04:28 16 Apr 13 HG
240-22764-I-4-A

Hg	.2269	ppb	.0000	.2269

*** Sample ID: Seq: 118 14:05:45 16 Apr 13 HG
240-22764-H-5-A

Hg	.1773	ppb	.0000	.1773

*** Sample ID: Seq: 119 14:07:04 16 Apr 13 HG
240-22764-H-6-A

Hg	.1271	ppb	.0000	.1271

*** Sample ID: Seq: 120 14:08:25 16 Apr 13 HG
240-22764-I-7-A

Hg	.0162	ppb	.0000	.0162

*** Sample ID: Seq: 121 14:09:45 16 Apr 13 HG
240-22764-I-8-A

Hg	.0013	ppb	.0000	.0013

*** Check Standard: 6 Ck6CCV Seq: 122 14:11:03 16 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		99.50	4.975	5.000	ppb	.0000

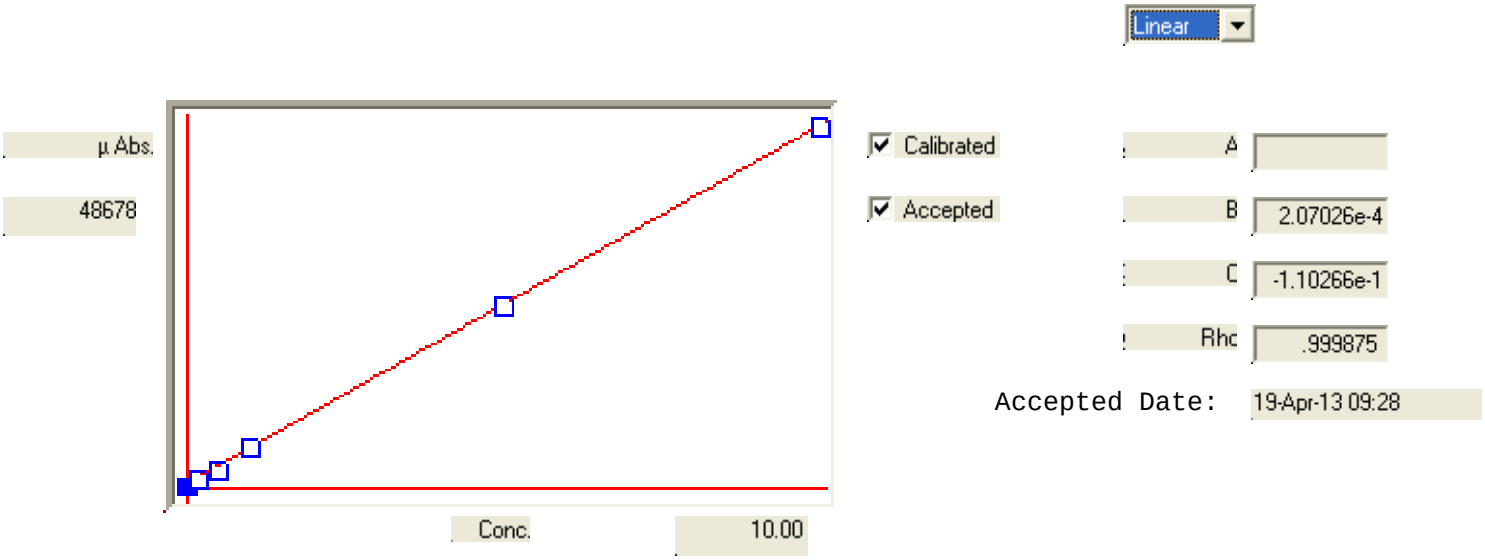
*** Check Standard: 1 Ck1CCB Seq: 123 14:12:32 16 Apr 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0073	.2000	ppb	.0000

*** Check Standard: 4 Ck4CRA\MRL Seq: 124 14:33:54 16 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		82.16	.1643	.2000	ppb	.0000

Protocol: 0419AHG1



S	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
01	.00000	.0019	.0019	543	0	542				
02	.20000	.1334	-.0666	1177	0%	1177				
03	.50000	.4502	-.0498	2707	0%	2707				
04	1.0000	1.098	.0977	5835	0%	5835				
05	5.0000	5.049	.0494	24923	0%	24923				
06	10.000	9.967	-.0327	48679	0%	48678				
07										
08										
09										
10										

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Standard: 1 Rep: 1				Seq: 1		09:14:00 19 Apr 13			HG
Hg	.0000	ppb	2544						
*** Standard: 2 Rep: 1				Seq: 2		09:15:49 19 Apr 13			HG
Hg	.2000	ppb	1228						
*** Standard: 1 Rep: 1				Seq: 3		09:18:02 19 Apr 13			HG
Hg	.0000	ppb	1059						
*** Standard: 1 Rep: 1				Seq: 4		09:20:00 19 Apr 13			HG
Hg	.0000	ppb	542						
*** Standard: 2 Rep: 1				Seq: 5		09:21:37 19 Apr 13			HG
Hg	.2000	ppb	1177						
*** Standard: 3 Rep: 1				Seq: 6		09:23:08 19 Apr 13			HG
Hg	.5000	ppb	2707						
*** Standard: 4 Rep: 1				Seq: 7		09:24:36 19 Apr 13			HG
Hg	1.000	ppb	5835						
*** Standard: 5 Rep: 1				Seq: 8		09:26:13 19 Apr 13			HG
Hg	5.000	ppb	24923						
*** Standard: 6 Rep: 1				Seq: 9		09:27:30 19 Apr 13			HG
Hg	10.00	ppb	48678						

*** Check Standard: 2 Ck2ICV Seq: 10 09:29:54 19 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.7	2.542	2.500	ppb	.0000

*** Check Standard: 3 Ck3ICB Seq: 11 09:31:32 19 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		^^^^^^	.0123	.0000	ppb	.0000

*** Check Standard: 4 Ck4CRA\MRL Seq: 12 09:32:59 19 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		72.71	.1454	.2000	ppb	.0000

*** Check Standard: 6 Ck6CCV Seq: 13 09:34:45 19 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		100.3	5.014	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 14 09:36:44 19 Apr 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0188	.2000	ppb	.0000

*** Sample ID: Seq: 15 09:37:59 19 Apr 13 HG
MB 240-82498/1-A

Hg	-.0829	ppb	.0000	-.0829

*** Sample ID: Seq: 16 09:39:15 19 Apr 13 HG
LCS 240-82498/2-A

Hg	4.728	ppb	.0000	4.728

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 17	09:41:14 19 Apr 13	HG		
				240-23018-P-4-A				
Hg	.0131	ppb	.0000	.0131				
*** Sample ID:				Seq: 18	09:43:24 19 Apr 13	HG		
				240-23018-P-4-B MS				
Hg	3.164	ppb	.0000	3.164				
*** Sample ID:				Seq: 19	09:45:05 19 Apr 13	HG		
				240-23018-P-4-C MSD				
Hg	1.016	ppb	.0000	1.016				
*** Sample ID:				Seq: 20	09:46:54 19 Apr 13	HG		
				240-23018-F-1-B				
Hg	-.0544	ppb	.0000	-.0544				
*** Sample ID:				Seq: 21	09:48:11 19 Apr 13	HG		
				240-23018-E-2-B				
Hg	.0692	ppb	.0000	.0692				
*** Sample ID:				Seq: 22	09:49:40 19 Apr 13	HG		
				240-23018-E-3-B				
Hg	-.0388	ppb	.0000	-.0388				
*** Sample ID:				Seq: 23	09:51:08 19 Apr 13	HG		
				240-23018-E-5-B				
Hg	-.0142	ppb	.0000	-.0142				
*** Sample ID:				Seq: 24	09:52:24 19 Apr 13	HG		
				240-23018-E-6-B				
Hg	.1727	ppb	.0000	.1727				
*** Check Standard: 6 Ck6CCV				Seq: 25	09:53:44 19 Apr 13	HG		
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		99.48	4.974	5.000	ppb	.0000		
*** Check Standard: 1 Ck1CCB				Seq: 26	09:55:23 19 Apr 13	HG		
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.0163	.2000	ppb	.0000			
*** Sample ID:				Seq: 27	09:56:59 19 Apr 13	HG		
				240-23018-F-7-B				
Hg	-.0225	ppb	.0000	-.0225				
*** Sample ID:				Seq: 28	09:58:56 19 Apr 13	HG		
				240-23018-E-8-B				
Hg	-.0359	ppb	.0000	-.0359				
*** Sample ID:				Seq: 29	10:00:14 19 Apr 13	HG		
				240-23018-E-9-B				
Hg	-.0177	ppb	.0000	-.0177				
*** Sample ID:				Seq: 30	10:01:52 19 Apr 13	HG		
				240-23182-C-18-C				
Hg	-.0496	ppb	.0000	-.0496				
*** Sample ID:				Seq: 31	10:03:10 19 Apr 13	HG		
				240-23185-D-13-B				
Hg	-.0169	ppb	.0000	-.0169				
*** Sample ID:				Seq: 32	10:04:36 19 Apr 13	HG		
				MB 240-82367/1-A				
Hg	-.0569	ppb	.0000	-.0569				

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 33	10:06:06 19 Apr 13	HG		
				LCS 240-82367/2-A				
Hg	4.698	ppb	.0000	4.698				
*** Sample ID:				Seq: 34	10:07:23 19 Apr 13	HG		
				240-22852-I-1-J				
Hg	.1614	ppb	.0000	.1614				
*** Sample ID:				Seq: 35	10:08:50 19 Apr 13	HG		
				240-22852-I-1-K DU				
Hg	-.0055	ppb	.0000	-.0055				
*** Sample ID:				Seq: 36	10:10:08 19 Apr 13	HG		
				240-22852-I-1-L MS				
Hg	.9627	ppb	.0000	.9627				
*** Check Standard: 6 Ck6CCV				Seq: 37	10:11:34 19 Apr 13	HG		
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		98.77	4.938	5.000	ppb	.0000		
*** Check Standard: 1 Ck1CCB				Seq: 38	10:13:30 19 Apr 13	HG		
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.0128	.2000	ppb	.0000			
*** Sample ID:				Seq: 39	10:15:58 19 Apr 13	HG		
				240-22852-C-2-D				
Hg	.0183	ppb	.0000	.0183				
*** Sample ID:				Seq: 40	10:17:37 19 Apr 13	HG		
				240-22663-C-39-C				
Hg	.0115	ppb	.0000	.0115				
*** Sample ID:				Seq: 41	10:18:53 19 Apr 13	HG		
				240-22663-C-40-D				
Hg	.0125	ppb	.0000	.0125				
*** Sample ID:				Seq: 42	10:20:21 19 Apr 13	HG		
				240-22663-C-41-D				
Hg	.0036	ppb	.0000	.0036				
*** Sample ID:				Seq: 43	10:21:56 19 Apr 13	HG		
				240-22663-C-43-D				
Hg	-.0049	ppb	.0000	-.0049				
*** Sample ID:				Seq: 44	10:23:38 19 Apr 13	HG		
				240-22663-C-44-F				
Hg	.0237	ppb	.0000	.0237				
*** Sample ID:				Seq: 45	10:25:25 19 Apr 13	HG		
				240-22756-C-9-A				
Hg	.1905	ppb	.0000	.1905				
*** Sample ID:				Seq: 46	10:27:05 19 Apr 13	HG		
				240-22804-G-4-G				
Hg	-.0065	ppb	.0000	-.0065				
*** Check Standard: 4 Ck4CRA\MRL				Seq: 47	10:28:31 19 Apr 13	HG		
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		65.36	.1307	.2000	ppb	.0000		
*** Check Standard: 4 Ck4CRA\MRL				Seq: 48	10:33:51 19 Apr 13	HG		
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		65.67	.1313	.2000	ppb	.0000		

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 6 Ck6CCV Seq: 49 10:35:25 19 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		98.04	4.902	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 50 10:37:56 19 Apr 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0202	.2000	ppb	.0000

*** Sample ID: Seq: 51 10:39:23 19 Apr 13 HG
LCS 240-82350/2-A

Hg	4.759	ppb	.0000	4.759

*** Sample ID: Seq: 52 10:40:49 19 Apr 13 HG
240-23185-J-2-A

Hg	-.0039	ppb	.0000	-.0039

*** Sample ID: Seq: 53 10:42:10 19 Apr 13 HG
240-23185-J-2-B MS

Hg	.9599	ppb	.0000	.9599

*** Sample ID: Seq: 54 10:43:43 19 Apr 13 HG
240-23185-J-2-C MSD

Hg	1.052	ppb	.0000	1.052

*** Sample ID: Seq: 55 10:45:39 19 Apr 13 HG
240-23185-D-3-A

Hg	.0212	ppb	.0000	.0212

*** Sample ID: Seq: 56 10:47:06 19 Apr 13 HG
240-23185-D-4-A

Hg	-.0177	ppb	.0000	-.0177

*** Sample ID: Seq: 57 10:48:35 19 Apr 13 HG
240-23185-D-5-A

Hg	.0262	ppb	.0000	.0262

*** Sample ID: Seq: 58 10:50:01 19 Apr 13 HG
240-23185-D-6-A

Hg	-.0039	ppb	.0000	-.0039

*** Sample ID: Seq: 59 10:51:20 19 Apr 13 HG
240-23185-D-7-A

Hg	-.0051	ppb	.0000	-.0051

*** Sample ID: Seq: 60 10:52:40 19 Apr 13 HG
240-23185-D-8-A

Hg	.0040	ppb	.0000	.0040

*** Check Standard: 6 Ck6CCV Seq: 61 10:54:18 19 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		97.03	4.852	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 62 10:55:45 19 Apr 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0250	.2000	ppb	.0000

*** Sample ID: Seq: 63 10:57:01 19 Apr 13 HG
240-23185-D-9-A

Hg	.0874	ppb	.0000	.0874

*** Sample ID: Seq: 64 10:58:28 19 Apr 13 HG
240-23185-D-10-A

Hg	.0032	ppb	.0000	.0032

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID:				Seq: 65					10:59:58 19 Apr 13 HG
				240-23185-D-11-A					
Hg	.1204	ppb	.0000	.1204					
*** Sample ID:				Seq: 66					11:01:39 19 Apr 13 HG
				240-23185-D-12-A					
Hg	-.0140	ppb	.0000	-.0140					
*** Sample ID:				Seq: 67					11:02:56 19 Apr 13 HG
				240-23195-B-1-B					
Hg	.0133	ppb	.0000	.0133					
*** Sample ID:				Seq: 68					11:04:23 19 Apr 13 HG
				240-23195-B-2-B					
Hg	.0005	ppb	.0000	.0005					
*** Sample ID:				Seq: 69					11:06:20 19 Apr 13 HG
				240-23195-B-3-B					
Hg	-.0349	ppb	.0000	-.0349					
*** Sample ID:				Seq: 70					11:07:57 19 Apr 13 HG
				240-23195-A-4-B					
Hg	.0266	ppb	.0000	.0266					
*** Sample ID:				Seq: 71					11:09:14 19 Apr 13 HG
				240-23195-B-39-B					
Hg	-.0769	ppb	.0000	-.0769					
*** Sample ID:				Seq: 72					11:10:45 19 Apr 13 HG
				240-23195-B-40-B					
Hg	.2044	ppb	.0000	.2044					

*** Check Standard: 6 Ck6CCV Seq: 73 11:12:04 19 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		96.49	4.824	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 74 11:13:32 19 Apr 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0277	.2000	ppb	.0000

*** Sample ID:				Seq: 75					11:14:49 19 Apr 13 HG
				240-23195-B-41-B					
Hg	.1473	ppb	.0000	.1473					
*** Sample ID:				Seq: 76					11:16:48 19 Apr 13 HG
				240-23195-B-42-B					
Hg	-.0633	ppb	.0000	-.0633					
*** Sample ID:				Seq: 77					11:18:15 19 Apr 13 HG
				240-23195-B-43-B					
Hg	3.668	ppb	.0000	3.668					
*** Sample ID:				Seq: 78					11:19:32 19 Apr 13 HG
				MB 240-82546/1-A					
Hg	-.1065	ppb	.0000	-.1065					
*** Sample ID:				Seq: 79					11:21:25 19 Apr 13 HG
				LCS 240-82546/2-A					
Hg	4.652	ppb	.0000	4.652					
*** Sample ID:				Seq: 80					11:22:45 19 Apr 13 HG
				240-23185-D-14-D					
Hg	-.0598	ppb	.0000	-.0598					

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 81 11:24:06 19 Apr 13 HG
240-23185-D-14-E MS

Hg	.9288	ppb	.0000	.9288				

*** Sample ID: Seq: 82 11:25:23 19 Apr 13 HG
240-23185-D-14-F MSD

Hg	.9168	ppb	.0000	.9168				

*** Sample ID: Seq: 83 11:27:12 19 Apr 13 HG
240-23185-D-15-B

Hg	.0394	ppb	.0000	.0394				

*** Sample ID: Seq: 84 11:29:00 19 Apr 13 HG
240-23185-D-16-B

Hg	.0533	ppb	.0000	.0533				

*** Check Standard: 6 Ck6CCV Seq: 85 11:30:28 19 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		96.38	4.819	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 86 11:31:56 19 Apr 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0260	.2000	ppb	.0000

*** Sample ID: Seq: 87 11:33:12 19 Apr 13 HG
240-23185-D-17-B

Hg	.0496	ppb	.0000	.0496				

*** Sample ID: Seq: 88 11:34:30 19 Apr 13 HG
240-23185-D-18-B

Hg	.0562	ppb	.0000	.0562				

*** Sample ID: Seq: 89 11:35:52 19 Apr 13 HG
240-23185-D-19-B

Hg	.0233	ppb	.0000	.0233				

*** Sample ID: Seq: 90 11:37:34 19 Apr 13 HG
240-23185-D-20-B

Hg	.0576	ppb	.0000	.0576				

*** Sample ID: Seq: 91 11:38:51 19 Apr 13 HG
240-23185-D-21-B

Hg	-.0258	ppb	.0000	-.0258				

*** Sample ID: Seq: 92 11:40:50 19 Apr 13 HG
240-23185-D-22-B

Hg	-.0304	ppb	.0000	-.0304				

*** Sample ID: Seq: 93 11:42:41 19 Apr 13 HG
240-23185-D-23-B

Hg	.0529	ppb	.0000	.0529				

*** Sample ID: Seq: 94 11:44:01 19 Apr 13 HG
240-23185-D-24-B

Hg	-.0390	ppb	.0000	-.0390				

*** Sample ID: Seq: 95 11:45:29 19 Apr 13 HG
240-23185-D-25-B

Hg	-.0349	ppb	.0000	-.0349				

*** Sample ID: Seq: 96 11:47:05 19 Apr 13 HG
240-23185-D-26-B

Hg	.0264	ppb	.0000	.0264				

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 6 Ck6CCV Seq: 97 11:48:54 19 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		96.18	4.809	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 98 11:50:13 19 Apr 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0386	.2000	ppb	.0000

*** Sample ID: Seq: 99 11:51:35 19 Apr 13 HG
240-23185-D-27-B

Hg	-.0132	ppb	.0000	-.0132

*** Sample ID: Seq: 100 11:53:14 19 Apr 13 HG
240-23258-F-1-B

Hg	.0997	ppb	.0000	.0997

*** Sample ID: Seq: 101 11:54:33 19 Apr 13 HG
240-23258-F-2-B

Hg	.1090	ppb	.0000	.1090

*** Sample ID: Seq: 102 11:56:10 19 Apr 13 HG
240-23258-F-3-B

Hg	.1148	ppb	.0000	.1148

*** Check Standard: 6 Ck6CCV Seq: 103 11:57:28 19 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		96.12	4.806	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 104 11:59:05 19 Apr 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0306	.2000	ppb	.0000

*** Check Standard: 6 Ck6CCV Seq: 105 14:11:01 19 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		93.50	4.675	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 106 14:12:39 19 Apr 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0212	.2000	ppb	.0000

*** Sample ID: Seq: 107 14:13:54 19 Apr 13 HG
LB 240-82595/2-C

Hg	-.0792	ppb	.0000	-.0792

*** Sample ID: Seq: 108 14:15:34 19 Apr 13 HG
MB 240-82683/2-A

Hg	-.0453	ppb	.0000	-.0453

*** Sample ID: Seq: 109 14:16:52 19 Apr 13 HG
LCS 240-82683/3-A

Hg	4.755	ppb	.0000	4.755

*** Sample ID: Seq: 110 14:18:35 19 Apr 13 HG
240-22999-A-2-L

Hg	.0322	ppb	.0000	.0322

*** Sample ID: Seq: 111 14:19:57 19 Apr 13 HG
240-22999-A-2-M MS

Hg	4.658	ppb	.0000	4.658

*** Sample ID: Seq: 112 14:21:17 19 Apr 13 HG
240-22999-A-2-N MSD

Hg	4.604	ppb	.0000	4.604

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 6 Ck6CCV Seq: 113 14:22:37 19 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		95.38	4.769	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 114 14:24:33 19 Apr 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0326	.2000	ppb	.0000

TestAmerica North Canton Hg Data Review Checklist

Run/Project Information: _____

Circle Methods used: 7470A / 245.1 : 7471:

Run Date: 4/19/2013 Analyst: A. Sutherland Instrument: H1

Review Items A. Calibration/Instrument Run QC	Yes	No	N/A	2nd Level
1. Instrument calibrated per manufacturer's instructions and at SOP specified levels?	✓			✓
2. ICV/CCV analyzed at appropriate frequency and within control limits?	✓			✓
3. ICB/CCB analyzed at appropriate frequency and within +/- RL?	✓			✓
4. CRA run?	✓			✓
B. Sample Results				
1. Were samples with concentrations > high calibration standard diluted and reanalyzed?			✓	
2. All reported results bracketed by in control QC?	✓			✓
3. Sample analyses done within holding time?	✓			✓
C. Preparation/ Matrix QC				
1. LCS done per prep batch and within QC limits?	✓			✓
2. Method blank done per prep batch and < RL?	✓			✓
3. MS run at required frequency and within limits?	✓			✓
4. MSD or DU run at required frequency and RPD within SOP limits?	✓			✓
D. Other				
1. Are all nonconformances documented appropriately?			✓	
2. Current IDL/MDL data on file?	✓			✓
3. Calculations and Transcription checked for error?	✓			✓
4. All client/project specific requirements met?	✓			✓
5. Date of analysis verified as correct?	✓			✓

Level I

Analyst: [signature] Date/Time: 4/22/2013 Reviewed from 9:14 to 14:24

Analyst: _____ Date/Time: _____ Reviewed from _____ to _____

Comments: _____

Level II

Reviewer: Natalie J Toth Date/Time: 4-22-13 Reviewed from 09:14 to 14:24

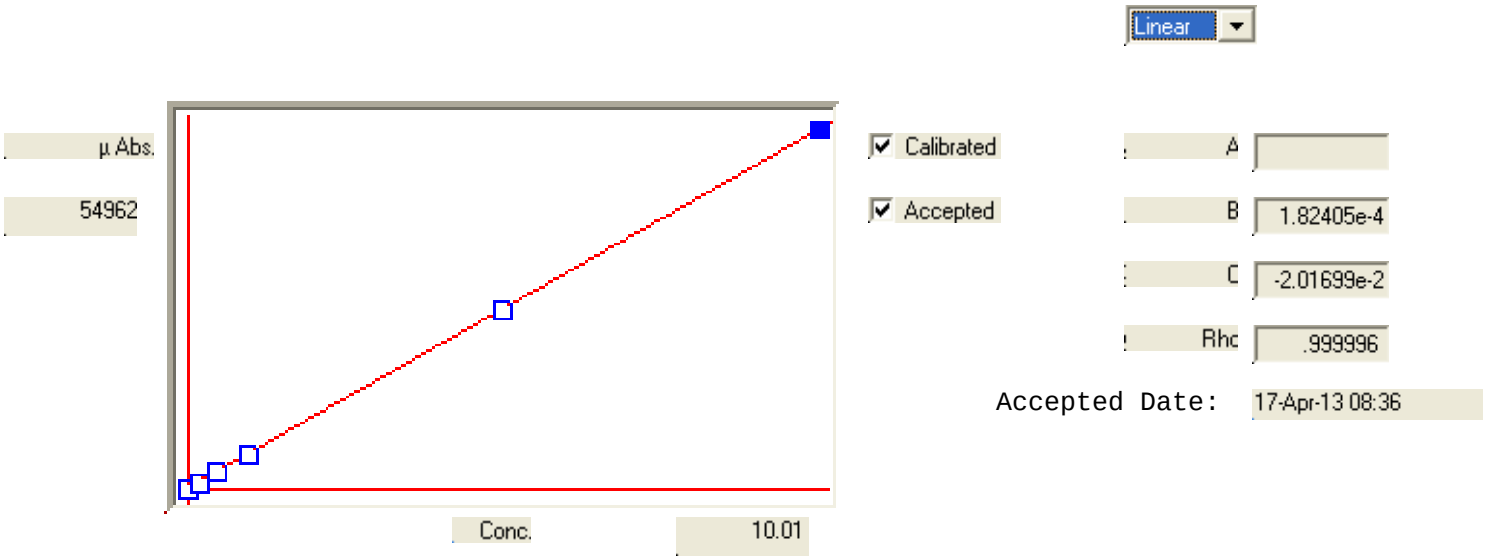
Reviewer: _____ Date/Time: _____ Reviewed from _____ to _____

Comments _____

Curve Date 4/19/2013 Curve Time 8:15-8:45 DILUTION H20 NA

Revised 11/29/2012

Protocol: 0417AHG4



S	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
01	.00000	.0043	.0043	135	1	134				
02	.20000	.1874	-.0126	1138	0%	1138				
03	.50000	.5021	.0021	2864	0%	2863				
04	1.0000	1.014	.0141	5670	0%	5670				
05	5.0000	4.987	-.0130	27451	0%	27451				
06	10.000	10.01	.0052	54962	0%	54962				
07										
08										
09										
10										

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Standard: 1 Rep: 1 Seq: 1 08:26:34 17 Apr 13 HG

Hg .0000 ppb 134

*** Standard: 2 Rep: 1 Seq: 2 08:29:06 17 Apr 13 HG

Hg .2000 ppb 1138

*** Standard: 3 Rep: 1 Seq: 3 08:31:07 17 Apr 13 HG

Hg .5000 ppb 2863

*** Standard: 4 Rep: 1 Seq: 4 08:32:50 17 Apr 13 HG

Hg 1.000 ppb 5670

*** Standard: 5 Rep: 1 Seq: 5 08:34:52 17 Apr 13 HG

Hg 5.000 ppb 27451

*** Standard: 6 Rep: 1 Seq: 6 08:36:40 17 Apr 13 HG

Hg 10.00 ppb 54962

*** Check Standard: 2 Ck2ICV Seq: 7 08:38:28 17 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		102.5	2.562	2.500	ppb	.0000

*** Check Standard: 3 Ck3ICB Seq: 8 08:40:11 17 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		^^^^^^	-.0123	.0000	ppb	.0000

*** Check Standard: 4 Ck4CRA\MRL Seq: 9 08:42:17 17 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		100.0	.2000	.2000	ppb	.0000

*** Check Standard: 6 Ck6CCV Seq: 10 08:44:00 17 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		102.0	5.100	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 11 08:45:43 17 Apr 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0224	.6000	ppb	.0000

*** Sample ID: Seq: 12 08:49:17 17 Apr 13 HG
MB 240-82158/1-A
Hg .0043 ppb .0000 .0043

*** Sample ID: Seq: 13 08:51:00 17 Apr 13 HG
LCS 240-82158/2-A
Hg 5.178 ppb .0000 5.178

*** Sample ID: Seq: 14 08:52:44 17 Apr 13 HG
240-22860-C-2-C
Hg -.0196 ppb .0000 -.0196

*** Sample ID: Seq: 15 08:54:27 17 Apr 13 HG
240-22860-C-2-D MS
Hg 1.078 ppb .0000 1.078

*** Sample ID: Seq: 16 08:57:10 17 Apr 13 HG
240-22860-C-2-E MSD
Hg 1.086 ppb .0000 1.086

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 17 08:59:03 17 Apr 13 HG
240-23182-C-16-B

Hg	.0263	ppb	.0000	.0263				

*** Sample ID: Seq: 18 09:00:46 17 Apr 13 HG
240-23182-C-17-B

Hg	.0305	ppb	.0000	.0305				

*** Sample ID: Seq: 19 09:02:32 17 Apr 13 HG
240-23182-C-19-B

Hg	.0311	ppb	.0000	.0311				

*** Sample ID: Seq: 20 09:04:38 17 Apr 13 HG
240-23182-C-20-B

Hg	.0256	ppb	.0000	.0256				

*** Sample ID: Seq: 21 09:06:32 17 Apr 13 HG
240-23182-C-21-B

Hg	.0311	ppb	.0000	.0311				

*** Check Standard: 6 Ck6CCV Seq: 22 09:08:42 17 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		107.8	5.388	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 23 09:10:36 17 Apr 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0028	.6000	ppb	.0000

*** Sample ID: Seq: 24 09:12:38 17 Apr 13 HG
240-23195-B-27-B

Hg	.0466	ppb	.0000	.0466				

*** Sample ID: Seq: 25 09:14:23 17 Apr 13 HG
240-23195-B-28-B

Hg	.0087	ppb	.0000	.0087				

*** Sample ID: Seq: 26 09:16:27 17 Apr 13 HG
240-23195-B-29-B

Hg	.0479	ppb	.0000	.0479				

*** Sample ID: Seq: 27 09:18:10 17 Apr 13 HG
240-23195-B-30-B

Hg	2.163	ppb	.0000	2.163				

*** Sample ID: Seq: 28 09:20:03 17 Apr 13 HG
240-23195-B-31-B

Hg	.4803	ppb	.0000	.4803				

*** Sample ID: Seq: 29 09:21:46 17 Apr 13 HG
240-23183-A-4-B

Hg	.0196	ppb	.0000	.0196				

*** Sample ID: Seq: 30 09:23:34 17 Apr 13 HG
240-23183-B-5-B

Hg	.0977	ppb	.0000	.0977				

*** Sample ID: Seq: 31 09:25:57 17 Apr 13 HG
240-23183-B-6-B

Hg	.0099	ppb	.0000	.0099				

*** Sample ID: Seq: 32 09:28:21 17 Apr 13 HG
MB 240-82179/1-A

Hg	.0030	ppb	.0000	.0030				

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 33 09:30:04 17 Apr 13 HG
LCS 240-82179/2-A

Hg	5.388	ppb	.0000	5.388

*** Check Standard: 6 Ck6CCV Seq: 34 09:32:18 17 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		106.6	5.328	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 35 09:34:01 17 Apr 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0233	.6000	ppb	.0000

*** Sample ID: Seq: 36 09:35:45 17 Apr 13 HG
240-22663-E-24-E

Hg	.1471	ppb	.0000	.1471

*** Sample ID: Seq: 37 09:37:32 17 Apr 13 HG
240-22663-E-24-F DU

Hg	.1407	ppb	.0000	.1407

*** Sample ID: Seq: 38 09:39:26 17 Apr 13 HG
240-22663-E-24-G MS

Hg	1.241	ppb	.0000	1.241

*** Sample ID: Seq: 39 09:42:51 17 Apr 13 HG
240-22663-C-21-B

Hg	.1590	ppb	.0000	.1590

*** Sample ID: Seq: 40 09:45:05 17 Apr 13 HG
240-22663-C-22-B

Hg	.1123	ppb	.0000	.1123

*** Sample ID: Seq: 41 09:46:59 17 Apr 13 HG
240-22663-C-23-B

Hg	.1239	ppb	.0000	.1239

*** Sample ID: Seq: 42 09:48:54 17 Apr 13 HG
240-22663-C-25-B

Hg	.1307	ppb	.0000	.1307

*** Sample ID: Seq: 43 09:50:40 17 Apr 13 HG
240-22663-G-26-E

Hg	.1236	ppb	.0000	.1236

*** Sample ID: Seq: 44 09:52:23 17 Apr 13 HG
240-22663-C-27-B

Hg	.1637	ppb	.0000	.1637

*** Sample ID: Seq: 45 09:54:32 17 Apr 13 HG
240-22663-G-28-E

Hg	.1582	ppb	.0000	.1582

*** Check Standard: 6 Ck6CCV Seq: 46 09:56:29 17 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		110.2	5.508	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 47 09:58:24 17 Apr 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.0008	.6000	ppb	.0000

*** Sample ID: Seq: 48 10:00:19 17 Apr 13 HG
240-22663-C-29-A

Hg	.0459	ppb	.0000	.0459

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 49 10:02:16 17 Apr 13 HG
240-22663-C-31-D

Hg	.2188	ppb	.0000	.2188				

*** Sample ID: Seq: 50 10:04:22 17 Apr 13 HG
240-22663-C-32-D

Hg	.0698	ppb	.0000	.0698				

*** Sample ID: Seq: 51 10:06:06 17 Apr 13 HG
240-22663-C-33-D

Hg	.1234	ppb	.0000	.1234				

*** Sample ID: Seq: 52 10:07:49 17 Apr 13 HG
240-22663-C-34-D

Hg	.1148	ppb	.0000	.1148				

*** Sample ID: Seq: 53 10:10:12 17 Apr 13 HG
240-22663-C-35-D

Hg	.0712	ppb	.0000	.0712				

*** Sample ID: Seq: 54 10:12:46 17 Apr 13 HG
240-22663-C-36-D

Hg	.2164	ppb	.0000	.2164				

*** Sample ID: Seq: 55 10:14:42 17 Apr 13 HG
240-22663-C-37-D

Hg	.1504	ppb	.0000	.1504				

*** Sample ID: Seq: 56 10:16:31 17 Apr 13 HG
240-22663-C-38-D

Hg	.2808	ppb	.0000	.2808				

*** Check Standard: 4 Ck4CRA\MRL Seq: 57 10:18:15 17 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		109.5	.2190	.2000	ppb	.0000

*** Check Standard: 4 Ck4CRA\MRL Seq: 58 10:19:57 17 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		105.3	.2106	.2000	ppb	.0000

*** Check Standard: 6 Ck6CCV Seq: 59 10:21:43 17 Apr 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		109.7	5.486	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 60 10:24:26 17 Apr 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.0077	.6000	ppb	.0000

TestAmerica North Canton Hg Data Review Checklist

Run/Project Information:

Circle Methods used: 7470A / 245.1 : (7471:)

Run Date: 4/17/2013 Analyst: A. Sutherland Instrument: H4

Review Items				
A. Calibration/Instrument Run QC	Yes	No	N/A	2nd Level
1. Instrument calibrated per manufacturer's instructions and at SOP specified levels?	✓			✓
2. ICV/CCV analyzed at appropriate frequency and within control limits?	✓			✓
3. ICB/CCB analyzed at appropriate frequency and within +/- RL?	✓			✓
4. CRA run?	✓			✓
B. Sample Results				
1. Were samples with concentrations > high calibration standard diluted and reanalyzed?			✓	✓
2. All reported results bracketed by in control QC?	✓			✓
3. Sample analyses done within holding time?	✓			✓
C. Preparation/ Matrix QC				
1. LCS done per prep batch and within QC limits?	✓			✓
2. Method blank done per prep batch and < RL?	✓			✓
3. MS run at required frequency and within limits?	✓			✓
4. MSD or DU run at required frequency and RPD within SOP limits?	✓			✓
D. Other				
1. Are all nonconformances documented appropriately?			✓	✓
2. Current IDL/MDL data on file?	✓			✓
3. Calculations and Transcription checked for error?	✓			✓
4. All client/project specific requirements met?	✓			✓
5. Date of analysis verified as correct?	✓			✓

Level I

Analyst: [signature] Date/Time: 4/18/2013 Reviewed from 8:26 to 10:24

Analyst: _____ Date/Time: _____ Reviewed from _____ to _____

Comments: _____

Level II

Reviewer: [signature] Date/Time: 4-18-13 Reviewed from 8:26 to 10:24

Reviewer: _____ Date/Time: _____ Reviewed from _____ to _____

Comments _____

Curve Date 4/16/2013 Curve Time 9:55-10:25 DILUTION H20 NA

Revised 11/29/2012

METALS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Batch Number: 81976 Batch Start Date: 04/15/13 16:00 Batch Analyst: Sutherland, Aaron

Batch Method: 7471A Batch End Date: 04/15/13 16:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MTAQUAREGIA 00492	MTHGCALW 00354	MTKMN04W 00042	
MB 240-81976/1		7471A, 7471/DOD		0.60 g	100 mL	5 mL		15 mL	
LCS 240-81976/2		7471A, 7471/DOD		0.60 g	100 mL	5 mL	5 mL	15 mL	
240-22663-D-5-A	079SB-0015M-0001 ,0002-SO	7471A, 7471/DOD	T	0.60 g	100 mL	5 mL		15 mL	
240-22663-D-5-B MS	079SB-0015M-0001 ,0002-SO	7471A, 7471/DOD	T	0.60 g	100 mL	5 mL	1 mL	15 mL	
240-22663-D-5-D DU	079SB-0015M-0001 ,0002-SO	7471A, 7471/DOD	T	0.60 g	100 mL	5 mL		15 mL	
240-22663-E-16-A	073SB-0040M-0001 ,0002-SO	7471A, 7471/DOD	T	0.60 g	100 mL	5 mL		15 mL	
240-22663-E-16-B MS	073SB-0040M-0001 ,0002-SO	7471A, 7471/DOD	T	0.60 g	100 mL	5 mL	1 mL	15 mL	
240-22663-E-16-D DU	073SB-0040M-0001 ,0002-SO	7471A, 7471/DOD	T	0.60 g	100 mL	5 mL		15 mL	
240-22663-C-1-A	079SB-0010M-0001 -SO	7471A, 7471/DOD	T	0.66 g	100 mL	5 mL		15 mL	
240-22663-C-2-A	079SB-0011M-0001 -SO	7471A, 7471/DOD	T	0.63 g	100 mL	5 mL		15 mL	
240-22663-C-3-A	079SB-0013M-0001 -SO	7471A, 7471/DOD	T	0.63 g	100 mL	5 mL		15 mL	
240-22663-G-4-A	079SB-0014M-0001 -SO	7471A, 7471/DOD	T	0.62 g	100 mL	5 mL		15 mL	
240-22663-C-6-A	079SB-0016M-0001 -SO	7471A, 7471/DOD	T	0.61 g	100 mL	5 mL		15 mL	
240-22663-G-7-A	079SB-0017M-0001 -SO	7471A, 7471/DOD	T	0.69 g	100 mL	5 mL		15 mL	
240-22663-C-8-A	079SB-0020M-0001 -SO	7471A, 7471/DOD	T	0.55 g	100 mL	5 mL		15 mL	
240-22663-B-9-A	079SB-0019M-0001 -SO	7471A, 7471/DOD	T	0.57 g	100 mL	5 mL		15 mL	
240-22663-C-11-A	073SS-0035M-0001 -SO	7471A, 7471/DOD	T	0.54 g	100 mL	5 mL		15 mL	
240-22663-C-12-A	073SB-0036M-0001 -SO	7471A, 7471/DOD	T	0.56 g	100 mL	5 mL		15 mL	
240-22663-C-13-A	073SB-0037M-0001 -SO	7471A, 7471/DOD	T	0.56 g	100 mL	5 mL		15 mL	
240-22663-C-14-A	073SB-0038M-0001 -SO	7471A, 7471/DOD	T	0.56 g	100 mL	5 mL		15 mL	
240-22663-C-15-A	073SB-0039M-0001 -SO	7471A, 7471/DOD	T	0.61 g	100 mL	5 mL		15 mL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Batch Number: 81976 Batch Start Date: 04/15/13 16:00 Batch Analyst: Sutherland, Aaron

Batch Method: 7471A Batch End Date: 04/15/13 16:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MTAQUAREGIA 00492	MTHGCALW 00354	MTKMN04W 00042	
240-22663-G-17-A	073SB-0041M-0001-SO	7471A, 7471/DOD	T	0.57 g	100 mL	5 mL		15 mL	
240-22663-C-18-A	073SB-0042M-0001-SO	7471A, 7471/DOD	T	0.60 g	100 mL	5 mL		15 mL	
240-22663-C-19-A	073SB-0043M-0001-SO	7471A, 7471/DOD	T	0.57 g	100 mL	5 mL		15 mL	
240-22663-C-20	073SB-0044-0001-SO	7471A, 7471/DOD	T	0.53 g	100 mL	5 mL		15 mL	

Batch Notes	
Balance ID	b 038
Blank Soil Lot Number	f556-2f002
Pipette ID	383364-383366-383389
Digestion Tube/Cup Lot #	122612

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Batch Number: 82099 Batch Start Date: 04/16/13 09:55 Batch Analyst: Sutherland, Aaron

Batch Method: 7471A Batch End Date: 04/16/13 10:25

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MTAQUAREGIA 00493	MTHGCALW 00355	MTHgStd 00009	MTKMN04W 00042
ICV 240-82099/7		7471A, 7471/DOD		100 mL	100 mL	5 mL		0.25 mL	15 mL
ICB 240-82099/8		7471A, 7471/DOD		100 mL	100 mL	5 mL			15 mL
CRA 240-82099/9		7471A, 7471/DOD		100 mL	100 mL	5 mL	0.2 mL		15 mL
CCV 240-82099/10		7471A, 7471/DOD		100 mL	100 mL	5 mL	5 mL		15 mL
CCB 240-82099/11		7471A, 7471/DOD		100 mL	100 mL	5 mL			15 mL

Batch Notes	
Pipette ID	383366-383364-383389
Digestion Tube/Cup Lot #	612122

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Batch Number: 82179 Batch Start Date: 04/16/13 15:50 Batch Analyst: Elshaw, Dale

Batch Method: 7471A Batch End Date: 04/16/13 16:20

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MTAQUAREGIA 00493	MTHGCALW 00355	MTKMN04W 00042	
MB 240-82179/1		7471A, 7471/DOD		0.60 g	100 mL	5 mL		15 mL	
LCS 240-82179/2		7471A, 7471/DOD		0.60 g	100 mL	5 mL	5 mL	15 mL	
240-22663-E-24-A	079SB-0024M-0001,0002-SO	7471A, 7471/DOD	T	0.60 g	100 mL	5 mL		15 mL	
240-22663-E-24-D DU	079SB-0024M-0001,0002-SO	7471A, 7471/DOD	T	0.60 g	100 mL	5 mL		15 mL	
240-22663-E-24-B MS	079SB-0024M-0001,0002-SO	7471A, 7471/DOD	T	0.60 g	100 mL	5 mL	1 mL	15 mL	
240-22663-C-21-A	079SB-0021M-0001-SO	7471A, 7471/DOD	T	0.54 g	100 mL	5 mL		15 mL	
240-22663-C-22-A	079SB-0022M-0001-SO	7471A, 7471/DOD	T	0.63 g	100 mL	5 mL		15 mL	
240-22663-C-23-A	079SB-0023M-0001-SO	7471A, 7471/DOD	T	0.69 g	100 mL	5 mL		15 mL	
240-22663-C-25-A	079SB-0025M-0001-SO	7471A, 7471/DOD	T	0.59 g	100 mL	5 mL		15 mL	
240-22663-G-26-A	079SB-0026M-0001-SO	7471A, 7471/DOD	T	0.67 g	100 mL	5 mL		15 mL	
240-22663-C-27-A	079SB-0027M-0001-SO	7471A, 7471/DOD	T	0.65 g	100 mL	5 mL		15 mL	
240-22663-G-28-A	079SB-0028M-0001-SO	7471A, 7471/DOD	T	0.62 g	100 mL	5 mL		15 mL	
240-22663-C-29	079SB-0029-0001-SO	7471A, 7471/DOD	T	0.56 g	100 mL	5 mL		15 mL	
240-22663-C-31-A	068SB-0017M-0001-SO	7471A, 7471/DOD	T	0.53 g	100 mL	5 mL		15 mL	
240-22663-C-32-A	068SB-0018M-0001-SO	7471A, 7471/DOD	T	0.55 g	100 mL	5 mL		15 mL	
240-22663-C-33-A	068SB-0019M-0001-SO	7471A, 7471/DOD	T	0.60 g	100 mL	5 mL		15 mL	
240-22663-C-34-A	068SB-0022M-0001-SO	7471A, 7471/DOD	T	0.59 g	100 mL	5 mL		15 mL	
240-22663-C-35-A	068SB-0020M-0001-SO	7471A, 7471/DOD	T	0.54 g	100 mL	5 mL		15 mL	
240-22663-C-36-A	068SB-0023M-0001-SO	7471A, 7471/DOD	T	0.54 g	100 mL	5 mL		15 mL	
240-22663-C-37-A	068SB-0024M-0001-SO	7471A, 7471/DOD	T	0.60 g	100 mL	5 mL		15 mL	
240-22663-C-38-A	068SB-0025M-0001-SO	7471A, 7471/DOD	T	0.56 g	100 mL	5 mL		15 mL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Batch Number: 82179 Batch Start Date: 04/16/13 15:50 Batch Analyst: Elshaw, Dale

Batch Method: 7471A Batch End Date: 04/16/13 16:20

Batch Notes	
Balance ID	b039
Blank Soil Lot Number	g228-2i025
Pipette ID	383364-383366-383389
Digestion Tube/Cup Lot #	122612

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Batch Number: 82367 Batch Start Date: 04/17/13 14:55 Batch Analyst: Elshaw, Dale

Batch Method: 7471A Batch End Date: 04/17/13 15:25

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MTAQUAREGIA 00494	MTHGCALW 00356	MTKMN04W 00042	
MB 240-82367/1		7471A, 7471/DOD		0.60 g	100 mL	5 mL		15 mL	
LCS 240-82367/2		7471A, 7471/DOD		0.60 g	100 mL	5 mL	5 mL	15 mL	
240-22663-C-39	068SB-0032-0001-SO	7471A, 7471/DOD	T	0.67 g	100 mL	5 mL		15 mL	
240-22663-C-40-A	068SB-0027M-0001-SO	7471A, 7471/DOD	T	0.61 g	100 mL	5 mL		15 mL	
240-22663-C-41-A	068SB-0028M-0001-SO	7471A, 7471/DOD	T	0.64 g	100 mL	5 mL		15 mL	
240-22663-C-43-A	068SB-0030M-0001-SO	7471A, 7471/DOD	T	0.57 g	100 mL	5 mL		15 mL	
240-22663-C-44-A	068SB-0031M-0001-SO	7471A, 7471/DOD	T	0.64 g	100 mL	5 mL		15 mL	

Batch Notes	
Balance ID	b039
Blank Soil Lot Number	g228-2i025
Pipette ID	383364-383366-383389
Digestion Tube/Cup Lot #	122612

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Batch Number: 82640 Batch Start Date: 04/19/13 08:15 Batch Analyst: Sutherland, Aaron

Batch Method: 7471A Batch End Date: 04/19/13 08:45

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MTAQUAREGIA 00496	MTHGCALW 00358	MTHgStd 00009	MTKMN04W 00043
ICV 240-82640/7		7471A, 7471/DOD		100 mL	100 mL	5 mL		0.25 mL	15 mL
ICB 240-82640/8		7471A, 7471/DOD		100 mL	100 mL	5 mL			15 mL
CRA 240-82640/9		7471A, 7471/DOD		100 mL	100 mL	5 mL	0.2 mL		15 mL
CCV 240-82640/10		7471A, 7471/DOD		100 mL	100 mL	5 mL	5 mL		15 mL
CCB 240-82640/11		7471A, 7471/DOD		100 mL	100 mL	5 mL			15 mL

Batch Notes	
Pipette ID	383366-383364-383389
Digestion Tube/Cup Lot #	122612

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

Batch Number: 69114 Batch Start Date: 04/15/13 08:35 Batch Analyst: Ferguson, Caitlin N

Batch Method: 3050B Batch End Date: 04/15/13 12:35

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg	InitialAmount	FinalAmount	MTAPITTICPMS 00014	MTAPITTMSA 00014	MTAPITTMSC 00020
MB 180-69114/1		3050B, 6020/DOD		NO %SOLIDS FOUND	00001.17 g	100 mL			
LCS 180-69114/2		3050B, 6020/DOD		NO %SOLIDS FOUND	00001.10 g	100 mL	1 mL	1 mL	1 mL
240-22663-B-1	079SB-0010M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.17 g	100 mL			
240-22663-B-2	079SB-0011M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.06 g	100 mL			
240-22663-B-3	079SB-0013M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.09 g	100 mL			
240-22663-E-4	079SB-0014M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.16 g	100 mL			
240-22663-C-5	079SB-0015M-0001 ,0002-SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.11 g	100 mL			
240-22663-A-5 DU	079SB-0015M-0001 ,0002-SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.15 g	100 mL			
240-22663-A-5 MS	079SB-0015M-0001 ,0002-SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.12 g	100 mL	1 mL	1 mL	1 mL
240-22663-B-6	079SB-0016M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.19 g	100 mL			
240-22663-E-7	079SB-0017M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.01 g	100 mL			
240-22663-B-8	079SB-0020M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.08 g	100 mL			
240-22663-C-9	079SB-0019M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.07 g	100 mL			
240-22663-B-11	073SS-0035M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.09 g	100 mL			
240-22663-B-12	073SB-0036M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.15 g	100 mL			
240-22663-B-13	073SB-0037M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.24 g	100 mL			
240-22663-B-14	073SB-0038M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.08 g	100 mL			
240-22663-B-15	073SB-0039M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.24 g	100 mL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

Batch Number: 69114 Batch Start Date: 04/15/13 08:35 Batch Analyst: Ferguson, Caitlin N

Batch Method: 3050B Batch End Date: 04/15/13 12:35

Batch Notes	
Analyst	CNF
Balance ID	P1856710
Batch Comment	METALS A4
Blank Soil Lot Number	783730
First End time	12:35
Filter Paper Lot Number	6326666B
Hydrogen peroxide lot number	10mL 781344
Logbook ID for diluted Nitric	10mL 785050
Lot # of Nitric Acid	5mL 790265
Hot Block ID number	#10
Nominal Amount Used	1.0 g
Oven, Bath or Block Temperature 1	96 Degrees C
Pipette ID	J1201611U
Person's name who witnessed reagent drop	CNF
Perform Calculation (0=No, 1=Yes)	1
First Start time	08:35
Temperature	96 Degrees C
ID number of the thermometer	IP9 (0.0) E2
Digestion Tube/Cup Lot #	MH21KK06 / 121015
Uncorrected Temperature	96 Celsius

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

Batch Number: 69160 Batch Start Date: 04/15/13 12:30 Batch Analyst: Haluck, Caitlyn

Batch Method: 3050B Batch End Date: 04/15/13 14:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg	InitialAmount	FinalAmount	MTAPITTICPMS 00014	MTAPITTMSA 00014	MTAPITTMSC 00020
MB 180-69160/1		3050B, 6020/DOD		NO %SOLIDS FOUND	00001.12 g	100 mL			
LCS 180-69160/2		3050B, 6020/DOD		NO %SOLIDS FOUND	00001.04 g	100 mL	1 mL	1 mL	1 mL
240-22663-C-16	073SB-0040M-0001 ,0002-SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.01 g	100 mL			
240-22663-A-16 DU	073SB-0040M-0001 ,0002-SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.02 g	100 mL			
240-22663-A-16 MS	073SB-0040M-0001 ,0002-SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.02 g	100 mL	1 mL	1 mL	1 mL
240-22663-E-17	073SB-0041M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.04 g	100 mL			
240-22663-B-18	073SB-0042M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.00 g	100 mL			
240-22663-B-19	073SB-0043M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.04 g	100 mL			
240-22663-B-20	073SB-0044-0001-SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.02 g	100 mL			
240-22663-B-21	079SB-0021M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.02 g	100 mL			
240-22663-B-22	079SB-0022M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.02 g	100 mL			
240-22663-B-23	079SB-0023M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.00 g	100 mL			
240-22663-B-25	079SB-0025M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.04 g	100 mL			
240-22663-E-26	079SB-0026M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.04 g	100 mL			
240-22663-B-27	079SB-0027M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.03 g	100 mL			
240-22663-E-28	079SB-0028M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.05 g	100 mL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

Batch Number: 69160 Batch Start Date: 04/15/13 12:30 Batch Analyst: Haluck, Caitlyn

Batch Method: 3050B Batch End Date: 04/15/13 14:30

Batch Notes	
Analyst	CH
Balance ID	P1856710
Batch Comment	METALS A4
Blank Soil Lot Number	783730
First End time	1430
Filter Paper Lot Number	6326666B
Hydrogen peroxide lot number	10ML 781344
Logbook ID for diluted Nitric	10ML 785050
Lot # of Nitric Acid	5ML 790266
Hot Block ID number	#10
Nominal Amount Used	1.0 g
Oven, Bath or Block Temperature 1	98 Degrees C
Pipette ID	L1201611U
Perform Calculation (0=No, 1=Yes)	1
First Start time	1230
Temperature	98 Degrees C
ID number of the thermometer	IP9 (0.0) A5
Digestion Tube/Cup Lot #	MH21KK06
Uncorrected Temperature	98 Celsius

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

Batch Number: 69260 Batch Start Date: 04/16/13 12:30 Batch Analyst: Haluck, Caitlyn

Batch Method: 3050B Batch End Date: 04/16/13 14:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg	InitialAmount	FinalAmount	MTAPITTICPMS 00014	MTAPITTMSA 00014	MTAPITTMSC 00020
MB 180-69260/1		3050B, 6020/DOD		NO %SOLIDS FOUND	00001.02 g	100 mL			
LCS 180-69260/2		3050B, 6020/DOD		NO %SOLIDS FOUND	00001.05 g	100 mL	1 mL	1 mL	1 mL
240-22663-C-24	079SB-0024M-0001 ,0002-SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.03 g	100 mL			
240-22663-A-24 DU	079SB-0024M-0001 ,0002-SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.03 g	100 mL			
240-22663-A-24 MS	079SB-0024M-0001 ,0002-SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.02 g	100 mL	1 mL	1 mL	1 mL
240-22663-B-29	079SB-0029-0001-SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.04 g	100 mL			
240-22663-B-31	068SB-0017M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.01 g	100 mL			
240-22663-B-32	068SB-0018M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.00 g	100 mL			
240-22663-B-33	068SB-0019M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.01 g	100 mL			
240-22663-B-34	068SB-0022M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.03 g	100 mL			
240-22663-B-35	068SB-0020M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.00 g	100 mL			
240-22663-B-36	068SB-0023M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.00 g	100 mL			
240-22663-B-37	068SB-0024M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.00 g	100 mL			
240-22663-B-38	068SB-0025M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.00 g	100 mL			
240-22663-B-39	068SB-0032-0001-SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.01 g	100 mL			
240-22663-B-40	068SB-0027M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.03 g	100 mL			
240-22663-B-41	068SB-0028M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.02 g	100 mL			
240-22663-B-43	068SB-0030M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.05 g	100 mL			
240-22663-B-44	068SB-0031M-0001 -SO	3050B, 6020/DOD	T	NO %SOLIDS FOUND	00001.04 g	100 mL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Pittsburgh Job No.: 240-22663-1

SDG No.:

Batch Number: 69260 Batch Start Date: 04/16/13 12:30 Batch Analyst: Haluck, Caitlyn

Batch Method: 3050B Batch End Date: 04/16/13 14:30

Batch Notes	
Analyst	CH
Balance ID	P1856710
Batch Comment	METALS A7
Blank Soil Lot Number	783730
First End time	1430
Filter Paper Lot Number	6326666B
Hydrogen peroxide lot number	10ML 781344
Logbook ID for diluted Nitric	10ML 785050
Lot # of Nitric Acid	5ML 790266
Hot Block ID number	#10
Nominal Amount Used	1.0 g
Oven, Bath or Block Temperature 1	97 Degrees C
Pipette ID	L1201611U
Perform Calculation (0=No, 1=Yes)	1
First Start time	1230
Temperature	97 Degrees C
ID number of the thermometer	IP9 (0.0) G1
Digestion Tube/Cup Lot #	MH21KK06
Uncorrected Temperature	97 Celsius

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-22663-1

SDG No.:

Project: RVAAP - ECC

Client Sample ID	Lab Sample ID
079SB-0010M-0001-SO	240-22663-1
079SB-0011M-0001-SO	240-22663-2
079SB-0013M-0001-SO	240-22663-3
079SB-0014M-0001-SO	240-22663-4
079SB-0015M-0001,0002-SO	240-22663-5
079SB-0016M-0001-SO	240-22663-6
079SB-0017M-0001-SO	240-22663-7
079SB-0020M-0001-SO	240-22663-8
079SB-0019M-0001-SO	240-22663-9
070SB-0046M-0001-SB	240-22663-10
073SS-0035M-0001-SO	240-22663-11
073SB-0036M-0001-SO	240-22663-12
073SB-0037M-0001-SO	240-22663-13
073SB-0038M-0001-SO	240-22663-14
073SB-0039M-0001-SO	240-22663-15
073SB-0040M-0001,0002-SO	240-22663-16
073SB-0041M-0001-SO	240-22663-17
073SB-0042M-0001-SO	240-22663-18
073SB-0043M-0001-SO	240-22663-19
073SB-0044-0001-SO	240-22663-20
079SB-0021M-0001-SO	240-22663-21
079SB-0022M-0001-SO	240-22663-22
079SB-0023M-0001-SO	240-22663-23
079SB-0024M-0001,0002-SO	240-22663-24
079SB-0025M-0001-SO	240-22663-25
079SB-0026M-0001-SO	240-22663-26
079SB-0027M-0001-SO	240-22663-27
079SB-0028M-0001-SO	240-22663-28
079SB-0029-0001-SO	240-22663-29
068SB-0017M-0001-SO	240-22663-31
068SB-0018M-0001-SO	240-22663-32
068SB-0019M-0001-SO	240-22663-33
068SB-0022M-0001-SO	240-22663-34
068SB-0020M-0001-SO	240-22663-35
068SB-0023M-0001-SO	240-22663-36
068SB-0024M-0001-SO	240-22663-37
068SB-0025M-0001-SO	240-22663-38
068SB-0032-0001-SO	240-22663-39
068SB-0027M-0001-SO	240-22663-40
068SB-0028M-0001-SO	240-22663-41
068SB-0030M-0001-SO	240-22663-43
068SB-0031M-0001-SO	240-22663-44

Comments:

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job Number: 240-22663-1

SDG No.:

Project: RVAAP - ECC

Client Sample ID	Lab Sample ID
079SB-0014M-0001-SO	240-22663-4
079SB-0017M-0001-SO	240-22663-7
073SB-0041M-0001-SO	240-22663-17
079SB-0026M-0001-SO	240-22663-26
079SB-0028M-0001-SO	240-22663-28

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 079SB-0014M-0001-SO
Lab Sample ID: 240-22663-4
Lab Name: TestAmerica Sacramento
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 10:12
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Nitrocellulose	0.76	4.7	1.7	0.73	mg/Kg	J		1	WS-WC-0050

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 079SB-0017M-0001-SO
Lab Sample ID: 240-22663-7
Lab Name: TestAmerica Sacramento
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 09:24
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Nitrocellulose	1.8	5.0	1.8	0.77	mg/Kg	U		1	WS-WC-0050

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 073SB-0041M-0001-SO
Lab Sample ID: 240-22663-17
Lab Name: TestAmerica Sacramento
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 13:03
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Nitrocellulose	0.91	5.0	1.8	0.78	mg/Kg	J		1	WS-WC-0050

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 079SB-0026M-0001-SO
Lab Sample ID: 240-22663-26
Lab Name: TestAmerica Sacramento
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 10:37
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Nitrocellulose	0.81	5.0	1.8	0.78	mg/Kg	J		1	WS-WC-0050

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 079SB-0028M-0001-SO
Lab Sample ID: 240-22663-28
Lab Name: TestAmerica Sacramento
Job No.: 240-22663-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/01/2013 10:43
Reporting Basis: WET
Date Received: 04/02/2013 08:00

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Nitrocellulose	2.5	4.8	1.7	0.75	mg/Kg	J		1	WS-WC-0050

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Analyst: JS Batch Start Date: 04/23/2013

Reporting Units: mg/L Analytical Batch No.: 14914

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
8	ICV	12:31	Nitrocellulose	8.22	8.40	98	90-110		WC-353.2-ICV_00022
9	ICB	12:33	Nitrocellulose	1.0				U	
22	CCV	12:59	Nitrocellulose	8.56	8.40	102	90-110		WC-353.2-L4_00016
23	CCB	13:01	Nitrocellulose	1.0				U	
36	CCV	13:27	Nitrocellulose	8.56	8.40	102	90-110		WC-353.2-L4_00016
37	CCB	13:29	Nitrocellulose	1.0				U	
43	CCV	13:41	Nitrocellulose	8.56	8.40	102	90-110		WC-353.2-L4_00016
44	CCB	13:43	Nitrocellulose	1.0				U	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	LOQ	Dil
Batch ID: 14914	Date: 04/23/2013 12:45	Prep Batch: 14752	Date: 04/22/2013 06:13				
WS-WC-0050	MB 320-14670/1-B	Nitrocellulose	1.8	U	mg/Kg	5.0	1

FORM III-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 14914	Date: 04/23/2013 12:47		Prep Batch: 14752			Date: 04/22/2013 06:13					
						LCS Source: HPNCSP_00008					
WS-WC-0050	LCS 320-14670/2-B	Nitrocellulose	31.8		mg/Kg	50.6	63	34-115			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

7A-IN
METHOD REPORTING LIMIT CHECK
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 14914	Date: 04/23/2013 12:35										
						LCS Source:	WC-353.2-L1_00022				
WS-WC-0050	MRL 320-14914/10	Nitrocellulose	1.0	U	mg/L	0.420	106	70-130			
Batch ID: 14914	Date: 04/23/2013 12:57										
						LCS Source:	WC-353.2-L1_00022				
WS-WC-0050	MRL 320-14914/21	Nitrocellulose	0.538	J	mg/L	0.420	128	70-130			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-22663-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture LOQ Date: 01/28/2010 09:24

Analyte	Wavelength/ Mass	LOQ (%)	
Percent Moisture		0.1	
Percent Solids		0.1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-22663-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture XRL Date: 01/28/2010 09:24

Analyte	Wavelength/ Mass	XRL (mg/L)	
Percent Moisture		10	
Percent Solids		10	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job Number: 240-22663-1

SDG Number:

Matrix: Solid Instrument ID: FS4

Method: WS-WC-0050 DL Date: 03/15/2011 14:37

Prep Method: 353 (NCell-Hyd)

Analyte	Wavelength/ Mass	LOQ (mg/Kg)	DL (mg/Kg)
Nitrocellulose		5	0.78

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job Number: 240-22663-1

SDG Number:

Matrix: Solid Instrument ID: FS4

Method: WS-WC-0050 XMDL Date: 03/15/2011 14:36

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Nitrocellulose		2	0.475

11-IN
LINEAR RANGES
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job No: 240-22663-1

SDG No.:

Instrument ID: FS4 Date: 07/31/2011 19:29

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	Method
Nitrocellulose		16.8	WS-WC-0050

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Prep Method: 353 (NCell-Hyd)

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 320-14670/1-B	04/22/2013 06:13	14752		45	40
LCS 320-14670/2-B	04/22/2013 06:13	14752		45	40
240-22663-4	04/22/2013 06:13	14752		45	40
240-22663-7	04/22/2013 06:13	14752		45	40
240-22663-17	04/22/2013 06:13	14752		45	40
240-22663-26	04/22/2013 06:13	14752		45	40
240-22663-28	04/22/2013 06:13	14752		45	40

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 04/08/2013 11:14 End Date: 04/08/2013 11:14

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			11:14	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 04/08/2013 11:14 End Date: 04/08/2013 11:14

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			11:14	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 04/08/2013 11:14 End Date: 04/08/2013 11:14

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			11:14	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 04/08/2013 11:14 End Date: 04/08/2013 11:14

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			11:14																					
ZZZZZZ			11:14																					
ZZZZZZ			11:14																					
ZZZZZZ			11:14																					
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ZZZZZZ			11:14																					
ZZZZZZ			11:14																					
ZZZZZZ			11:14																					
240-22663-1	1	T	11:14	X	X																			
240-22663-2	1	T	11:14	X	X																			
240-22663-3	1	T	11:14	X	X																			
240-22663-4	1	T	11:14	X	X																			
240-22663-5	1	T	11:14	X	X																			
240-22663-5 DU	1	T	11:14	X	X																			
240-22663-6	1	T	11:14	X	X																			
240-22663-7	1	T	11:14	X	X																			
240-22663-8	1	T	11:14	X	X																			
240-22663-9	1	T	11:14	X	X																			
240-22663-10	1	T	11:14	X	X																			
240-22663-11	1	T	11:14	X	X																			
240-22663-12	1	T	11:14	X	X																			
240-22663-13	1	T	11:14	X	X																			
240-22663-14	1	T	11:14	X	X																			
240-22663-15	1	T	11:14	X	X																			
240-22663-16	1	T	11:14	X	X																			
240-22663-16 DU	1	T	11:14	X	X																			
240-22663-17	1	T	11:14	X	X																			
240-22663-18	1	T	11:14	X	X																			
240-22663-19	1	T	11:14	X	X																			
240-22663-20	1	T	11:14	X	X																			
240-22663-21	1	T	11:14	X	X																			
240-22663-22	1	T	11:14	X	X																			
240-22663-23	1	T	11:14	X	X																			
240-22663-24	1	T	11:14	X	X																			
240-22663-24 DU	1	T	11:14	X	X																			
240-22663-25	1	T	11:14	X	X																			
240-22663-26	1	T	11:14	X	X																			
240-22663-27	1	T	11:14	X	X																			
240-22663-28	1	T	11:14	X	X																			
240-22663-29	1	T	11:14	X	X																			

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 04/08/2013 11:14 End Date: 04/08/2013 11:14

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
240-22663-31	1	T	11:14	X	X																		
240-22663-32	1	T	11:14	X	X																		
240-22663-33	1	T	11:14	X	X																		
240-22663-34	1	T	11:14	X	X																		
240-22663-35	1	T	11:14	X	X																		
240-22663-36	1	T	11:14	X	X																		
240-22663-37	1	T	11:14	X	X																		
240-22663-37 DU	1	T	11:14	X	X																		
240-22663-38	1	T	11:14	X	X																		
240-22663-39	1	T	11:14	X	X																		
240-22663-39 DU	1	T	11:14	X	X																		
240-22663-40	1	T	11:14	X	X																		
240-22663-41	1	T	11:14	X	X																		
ZZZZZZ			11:14																				
240-22663-43	1	T	11:14	X	X																		
240-22663-44	1	T	11:14	X	X																		
ZZZZZZ			11:14																				
ZZZZZZ			11:14																				
ZZZZZZ			11:14																				
ZZZZZZ			11:14																				
ZZZZZZ			11:14																				
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ZZZZZZ			11:14																				
ZZZZZZ			11:14																				
ZZZZZZ			11:14																				
ZZZZZZ			11:14																				

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Instrument ID: FS4 Method: WS-WC-0050

Start Date: 04/23/2013 12:17 End Date: 04/23/2013 15:07

Lab Sample ID	D/F	Type	Time	Analytes																			
				NCL																			
ZZZZZZ			12:17																				
STD 320-14914/2 IC			12:19	X																			
STD 320-14914/3 IC			12:21	X																			
STD 320-14914/4 IC			12:23	X																			
STD 320-14914/5 IC			12:25	X																			
STD 320-14914/6 IC			12:27	X																			
STD 320-14914/7 IC			12:29	X																			
ICV 320-14914/8	1		12:31	X																			
ICB 320-14914/9	1		12:33	X																			
MRL 320-14914/10	1	T	12:35	X																			
ZZZZZZ			12:37																				
ZZZZZZ			12:39																				
ZZZZZZ			12:41																				
ZZZZZZ			12:43																				
MB 320-14670/1-B	1	T	12:45	X																			
LCS 320-14670/2-B	1	T	12:47	X																			
ZZZZZZ			12:49																				
ZZZZZZ			12:51																				
ZZZZZZ			12:53																				
ZZZZZZ			12:55																				
MRL 320-14914/21	1	T	12:57	X																			
CCV 320-14914/22	1		12:59	X																			
CCB 320-14914/23	1		13:01	X																			
ZZZZZZ			13:03																				
ZZZZZZ			13:05																				
ZZZZZZ			13:07																				
ZZZZZZ			13:09																				
ZZZZZZ			13:11																				
240-22663-4	1	T	13:13	X																			
240-22663-7	1	T	13:15	X																			
240-22663-17	1	T	13:17	X																			
240-22663-26	1	T	13:19	X																			
240-22663-28	1	T	13:21	X																			
ZZZZZZ			13:23																				
ZZZZZZ			13:25																				
CCV 320-14914/36	1		13:27	X																			
CCB 320-14914/37	1		13:29	X																			
ZZZZZZ			13:31																				
ZZZZZZ			13:33																				
ZZZZZZ			13:35																				
ZZZZZZ			13:37																				
ZZZZZZ			13:39																				

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Instrument ID: FS4 Method: WS-WC-0050

Start Date: 04/23/2013 12:17 End Date: 04/23/2013 15:07

Lab Sample ID	D / F	Type	Time	Analytes																				
				NCL																				
CCV 320-14914/43	1		13:41	X																				
CCB 320-14914/44	1		13:43	X																				
ZZZZZZ			13:45																					
ZZZZZZ			13:47																					
ZZZZZZ			13:49																					
ZZZZZZ			13:51																					
ZZZZZZ			13:53																					
ZZZZZZ			13:55																					
CCV 320-14914/51			13:57																					
CCB 320-14914/52			13:59																					
ZZZZZZ			14:01																					
ZZZZZZ			14:03																					
ZZZZZZ			14:05																					
ZZZZZZ			14:07																					
ZZZZZZ			14:09																					
ZZZZZZ			14:11																					
ZZZZZZ			14:13																					
ZZZZZZ			14:15																					
ZZZZZZ			14:17																					
ZZZZZZ			14:19																					
ZZZZZZ			14:21																					
CCV 320-14914/64			14:23																					
CCB 320-14914/65			14:25																					
ZZZZZZ			14:27																					
ZZZZZZ			14:29																					
ZZZZZZ			14:31																					
ZZZZZZ			14:33																					
ZZZZZZ			14:35																					
ZZZZZZ			14:37																					
ZZZZZZ			14:39																					
ZZZZZZ			14:41																					
ZZZZZZ			14:43																					
ZZZZZZ			14:45																					
ZZZZZZ			14:47																					
CCV 320-14914/77			14:49																					
CCB 320-14914/78			14:51																					
ZZZZZZ			14:53																					
ZZZZZZ			14:55																					
ZZZZZZ			14:57																					
ZZZZZZ			14:59																					
ZZZZZZ			15:01																					
CCV 320-14914/84			15:03																					

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Instrument ID: FS4 Method: WS-WC-0050

Start Date: 04/23/2013 12:17 End Date: 04/23/2013 15:07

Lab Sample ID	D / F	Type	Time	Analytes																			
				NCL																			
CCB 320-14914/85			15:05																				
ZZZZZZ			15:07																				

Prep Types

T = Total/NA

Peak Table:Nitrate/Nitrite

File name: Z:\GENCHEM\ALPKEM~2\2013\NITROC~1\042313A.RST
Date: 23-Apr-13
Operator: JRS

Peak	Cup	Name	R	Type	Dil	Wt	Height	Calc. (ppm)	Flags
1	103	sync	1	SYNC	1	1	116865	0.981765	
B	0	Baseline	1	RB	1	1	0	0.011762	BL
3	102	Cal 5	1	C	1	1	240248	2.005871	
4	103	Cal 4	1	C	1	1	118042	0.991536	
5	104	Cal 3	1	C	1	1	45998	0.393554	
6	105	Cal 2	1	C	1	1	22161	0.195706	
7	106	Cal 1	1	C	1	1	4991	0.053186	
8	0	Cal 0	1	C	1	1	-195	0.010147	
9	107	ICV	1	U	1	1	116468	0.978471	
10	0	BLANK/ICB	1	BLNK	1	1	-309	0.009198	
11	106	MRL	1	U	1	1	4949	0.052836	
12	108	NO2 1PPM	1	U	1	1	113655	0.955118	
13	109	NO3 1PPM	1	U	1	1	117086	0.983603	
14	0	Blank	1	BLNK	1	1	110	0.012673	
B	0	Baseline	1	RB	1	1	0	0.011762	BL
16	113	mb 320-14670/1-b	1	U	1	1	886	0.019116	
17	114	lcs 320-14670/2-b	1	U	1	1	112512	0.945635	
18	115	240-22648-f-13-d	1	U	1	1	6484	0.065583	
19	116	240-22648-f-29-d	1	U	1	1	4184	0.046490	
20	117	240-22648-f-30-d	1	U	1	1	3944	0.044495	
21	118	240-22648-f-36-d	1	U	1	1	4115	0.045917	
22	106	MRL	1	U	1	1	6299	0.064048	
23	103	CCV	1	U	1	1	121395	1.019365	
24	0	BLANK	1	BLNK	1	1	487	0.015807	
B	0	Baseline	1	RB	1	1	0	0.011762	BL
26	119	240-22648-f-38-d	1	U	1	1	1984	0.028230	
27	120	240-22648-f-40-d	1	U	1	1	789	0.018314	
28	121	240-22648-f-43-d	1	U	1	1	851	0.018828	
29	122	240-22648-f-53-d	1	U	1	1	1659	0.025533	
30	123	240-22663-f-4-h	1	U	1	1	1500	0.024212	
31	124	240-22663-f-7-d	1	U	1	1	1024	0.020261	
32	125	240-22663-f-17-d	1	U	1	1	1886	0.027420	
33	126	240-22663-f-26-d	1	U	1	1	1494	0.024166	
34	127	240-22663-f-28-d	1	U	1	1	8021	0.078334	
35	128	240-22804-f-4-d	1	U	1	1	1212	0.021821	
36	106	MRL	1	U	1	1	5684	0.058942	
37	103	CCV	1	U	1	1	121355	1.019036	
38	0	BLANK	1	BLNK	1	1	278	0.014069	
B	0	Baseline	1	RB	1	1	0	0.011762	BL
40	129	240-22852-g-1-j	1	U	1	1	1824	0.026898	
41	130	240-22852-g-1-k ms	1	U	1	1	42292	0.362790	
42	131	240-22852-g-1-l msd	1	U	1	1	40069	0.344343	
43	106	MRL	1	U	1	1	5330	0.055999	
44	103	CCV	1	U	1	1	121367	1.019132	
45	0	BLANK	1	BLNK	1	1	348	0.014653	
B	0	Baseline	1	RB	1	1	0	0.011762	BL
47	132	mb 320-14751/1-b	1	U	1	1	1578	0.024856	
48	133	lcs 320-14751/2-b	1	U	1	1	72680	0.615020	
49	134	320-2137-a-1-m	1	U	1	1	29830	0.259360	
50	135	320-2137-a-1-n ms	1	U	1	1	119436	1.003104	
51	136	320-2137-a-1-o msd	1	U	1	1	131250	1.101166	
52	103	CCV	1	U	1	1	121428	1.019641	
53	0	BLANK	1	BLNK	1	1	65	0.012300	
B	0	Baseline	1	RB	1	1	0	0.011762	BL
55	137	mb 320-14749/1-b	1	U	1	1	696	0.017541	
56	138	lcs 320-14749/2-b	1	U	1	1	102701	0.864204	
57	139	320-2307-a-19-b	1	U	1	1	2528	0.032741	
58	140	320-2307-a-20-b	1	U	1	1	2850	0.035421	
59	141	320-2307-a-21-b	1	U	1	1	5044	0.053631	
60	142	320-2307-a-22-b	1	U	1	1	41181	0.353574	
61	143	320-2307-a-23-b	1	U	1	1	48293	0.412601	
62	144	320-2307-a-24-b	1	U	1	1	27087	0.236593	
63	145	320-2307-a-25-b	1	U	1	1	12489	0.115421	
64	146	320-2307-b-25-c ms	1	U	1	1	63937	0.542448	
65	103	CCV	1	U	1	1	126659	1.063061	
66	0	BLANK	1	BLNK	1	1	-112	0.010835	
B	0	Baseline	1	RB	1	1	0	0.011762	BL
68	147	320-2307-b-25-d msd	1	U	1	1	62177	0.527844	
69	148	320-2307-b-26-b	1	U	1	1	4206	0.046672	
70	149	320-2307-a-27-b	1	U	1	1	2975	0.036452	

Peak	Cup	Name	R	Type	Dil	Wt	Height	Calc. (ppm)	Flags
71	150	320-2307-a-28-b	1	U	1	1	3488	0.040716	
72	151	320-2307-a-29-b	1	U	1	1	3955	0.044591	
73	152	320-2307-a-30-b	1	U	1	1	4754	0.051224	
74	153	320-2307-a-31-c	1	U	1	1	3259	0.038811	
75	154	320-2307-a-31-d ms	1	U	1	1	63584	0.539518	
76	155	320-2307-b-31-b msd	1	U	1	1	50424	0.430294	
77	156	320-2307-b-32-b	1	U	1	1	3065	0.037198	
78	103	CCV	1	U	1	1	125765	1.055634	
79	0	BLANK	1	BLNK	1	1	271	0.014011	
B	0	Baseline	1	RB	1	1	0	0.011762	BL
81	157	320-2307-b-33-b	1	U	1	1	5134	0.054376	
82	158	320-2307-b-34-d	1	U	1	1	4154	0.046239	
83	159	320-2307-b-34-e ms	1	U	1	1	54687	0.465676	
84	160	320-2307-b-34-f msd	1	U	1	1	41660	0.357546	
85	103	CCV	1	U	1	1	125349	1.052184	
86	0	BLANK	1	BLNK	1	1	142	0.012939	
B	0	Baseline	1	RB	1	1	0	0.011762	BL

Report Results by Sample
Result path: Z:\GENCHEM\ALPKEM~2\2013\NITROC~1\042313A.RST
Sample table path: Z:\GENCHEM\ALPKEM~2\2013\NITROC~1\042313a.tbl
Method path: Y:\no3_no2.mth
Date acquired: 23-Apr-13
Time acquired: 15:12

Facility Name:
Facility Location:
Department:

Operator Name: JRS
Operator ID: JRS

Platform: FS III/IV
Software Rev Code: 210
Data system ID: 57

Channel: 1
Analysis: Nitrate/Nitrite
CAS Number:
Methodology: NO2+NO3-353.2/N02-353.2/WS-WC-0050

	Temp	Warmup	Run time	Reps
rack 1	Off	1134:03:50	1:38:15	14
rack 2	Off	1134:03:50	1:38:15	14
rack 3	Off	1134:03:50	1:38:15	14

Notes

Cup	Name	S	1:Time	1:Value	1:S
0	Baseline	C	12:17:23	0.01	[C]
102	Cal 5	C	12:19:23	2.01	[C]
103	Cal 4	C	12:21:23	0.99	[C]
104	Cal 3	C	12:23:24	0.39	[C]
105	Cal 2	C	12:25:24	0.20	[C]
106	Cal 1	C	12:27:24	0.05	[C]
0	Cal 0	C	12:29:24	0.01	[C]
107	ICV	-	12:31:24	0.98	[-]
0	BLANK/ICB	C	12:33:24	0.01	[C]
106	MRL	-	12:35:25	0.05	[-]
108	NO2 1PPM	-	12:37:25	0.96	[-]
109	NO3 1PPM	-	12:39:25	0.98	[-]
0	Blank	C	12:41:25	0.01	[C]
0	Baseline	C	12:43:25	0.01	[C]
113	mb 320-14670/1-b	-	12:45:26	0.02	[-]
114	lcs 320-14670/2-b	-	12:47:26	0.95	[-]
115	240-22648-f-13-d	-	12:49:26	0.07	[-]
116	240-22648-f-29-d	-	12:51:26	0.05	[-]
117	240-22648-f-30-d	-	12:53:26	0.04	[-]
118	240-22648-f-36-d	-	12:55:26	0.05	[-]
106	MRL	-	12:57:27	0.06	[-]
103	CCV	-	12:59:27	1.02	[-]
0	BLANK	C	13:01:27	0.02	[C]
0	Baseline	C	13:03:27	0.01	[C]
119	240-22648-f-38-d	-	13:05:27	0.03	[-]
120	240-22648-f-40-d	-	13:07:27	0.02	[-]
121	240-22648-f-43-d	-	13:09:28	0.02	[-]
122	240-22648-f-53-d	-	13:11:28	0.03	[-]
123	240-22663-f-4-h	-	13:13:28	0.02	[-]
124	240-22663-f-7-d	-	13:15:28	0.02	[-]
125	240-22663-f-17-d	-	13:17:28	0.03	[-]
126	240-22663-f-26-d	-	13:19:29	0.02	[-]
127	240-22663-f-28-d	-	13:21:29	0.08	[-]
128	240-22804-f-4-d	-	13:23:29	0.02	[-]
106	MRL	-	13:25:29	0.06	[-]
103	CCV	-	13:27:29	1.02	[-]
0	BLANK	C	13:29:29	0.01	[C]
0	Baseline	C	13:31:30	0.01	[C]
129	240-22852-g-1-j	-	13:33:30	0.03	[-]
130	240-22852-g-1-k ms	-	13:35:30	0.36	[-]
131	240-22852-g-1-l msd	-	13:37:30	0.34	[-]
106	MRL	-	13:39:30	0.06	[-]
103	CCV	-	13:41:30	1.02	[-]
0	BLANK	C	13:43:31	0.01	[C]
0	Baseline	C	13:45:31	0.01	[C]
132	mb 320-14751/1-b	-	13:47:31	0.02	[-]
133	lcs 320-14751/2-b	-	13:49:31	0.62	[-]
134	320-2137-a-1-m	-	13:51:31	0.26	[-]
135	320-2137-a-1-n ms	-	13:53:31	1.00	[-]
136	320-2137-a-1-o msd	-	13:55:32	1.10	[-]
103	CCV	-	13:57:32	1.02	[-]
0	BLANK	C	13:59:32	0.01	[C]
0	Baseline	C	14:01:32	0.01	[C]
137	mb 320-14749/1-b	-	14:03:32	0.02	[-]
138	lcs 320-14749/2-b	-	14:05:32	0.86	[-]
139	320-2307-a-19-b	-	14:07:33	0.03	[-]
140	320-2307-a-20-b	-	14:09:33	0.04	[-]
141	320-2307-a-21-b	-	14:11:33	0.05	[-]
142	320-2307-a-22-b	-	14:13:33	0.35	[-]
143	320-2307-a-23-b	-	14:15:33	0.41	[-]
144	320-2307-a-24-b	-	14:17:34	0.24	[-]
145	320-2307-a-25-b	-	14:19:34	0.12	[-]
146	320-2307-b-25-c ms	-	14:21:34	0.54	[-]
103	CCV	-	14:23:34	1.06	[-]
0	BLANK	C	14:25:34	0.01	[C]
0	Baseline	C	14:27:34	0.01	[C]
147	320-2307-b-25-d msd	-	14:29:35	0.53	[-]
148	320-2307-b-26-b	-	14:31:35	0.05	[-]
149	320-2307-a-27-b	-	14:33:35	0.04	[-]
150	320-2307-a-28-b	-	14:35:35	0.04	[-]
151	320-2307-a-29-b	-	14:37:35	0.04	[-]
152	320-2307-a-30-b	-	14:39:35	0.05	[-]
153	320-2307-a-31-c	-	14:41:36	0.04	[-]
154	320-2307-a-31-d ms	-	14:43:36	0.54	[-]
155	320-2307-b-31-b msd	-	14:45:36	0.43	[-]
156	320-2307-b-32-b	-	14:47:36	0.04	[-]

```
103 CCV                  -  14:49:36         1.06 [-]
0   BLANK                C  14:51:37         0.01 [C]
0   Baseline             C  14:53:37         0.01 [C]
157 320-2307-b-33-b      -  14:55:37         0.05 [-]
158 320-2307-b-34-d      -  14:57:37         0.05 [-]
159 320-2307-b-34-e ms   -  14:59:37         0.47 [-]
160 320-2307-b-34-f msd  -  15:01:37          0.36 [-]
103 CCV                  -  15:03:38         1.05 [-]
0   BLANK                C  15:05:38         0.01 [C]
0   Baseline             C  15:07:38         0.01 [C]
```

Nitrate/Nitrite:Calibration 1: Peak 3-87

File name: Z:\GENCHEM\ALPKEM~2\2013\NITROC~1\042313A.RST
Date: 23-Apr-13
Operator: JRS

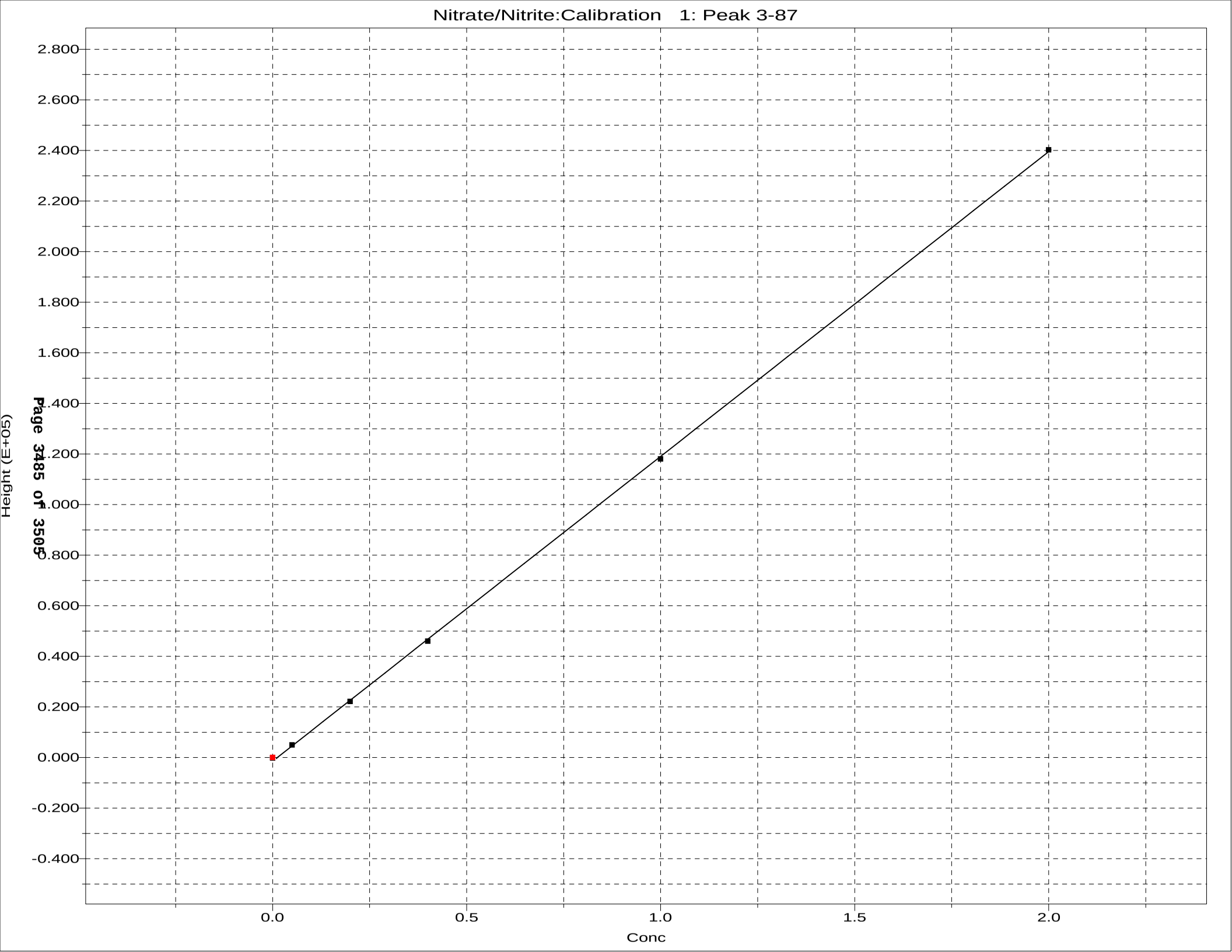
*	Name	Conc	Height
*	Cal 5	2.000000	240248.328125
*	Cal 4	1.000000	118042.242188
*	Cal 3	0.400000	45997.898438
*	Cal 2	0.200000	22161.398438
*	Cal 1	0.050000	4990.754883
*	Cal 0	0.000000	-194.564941

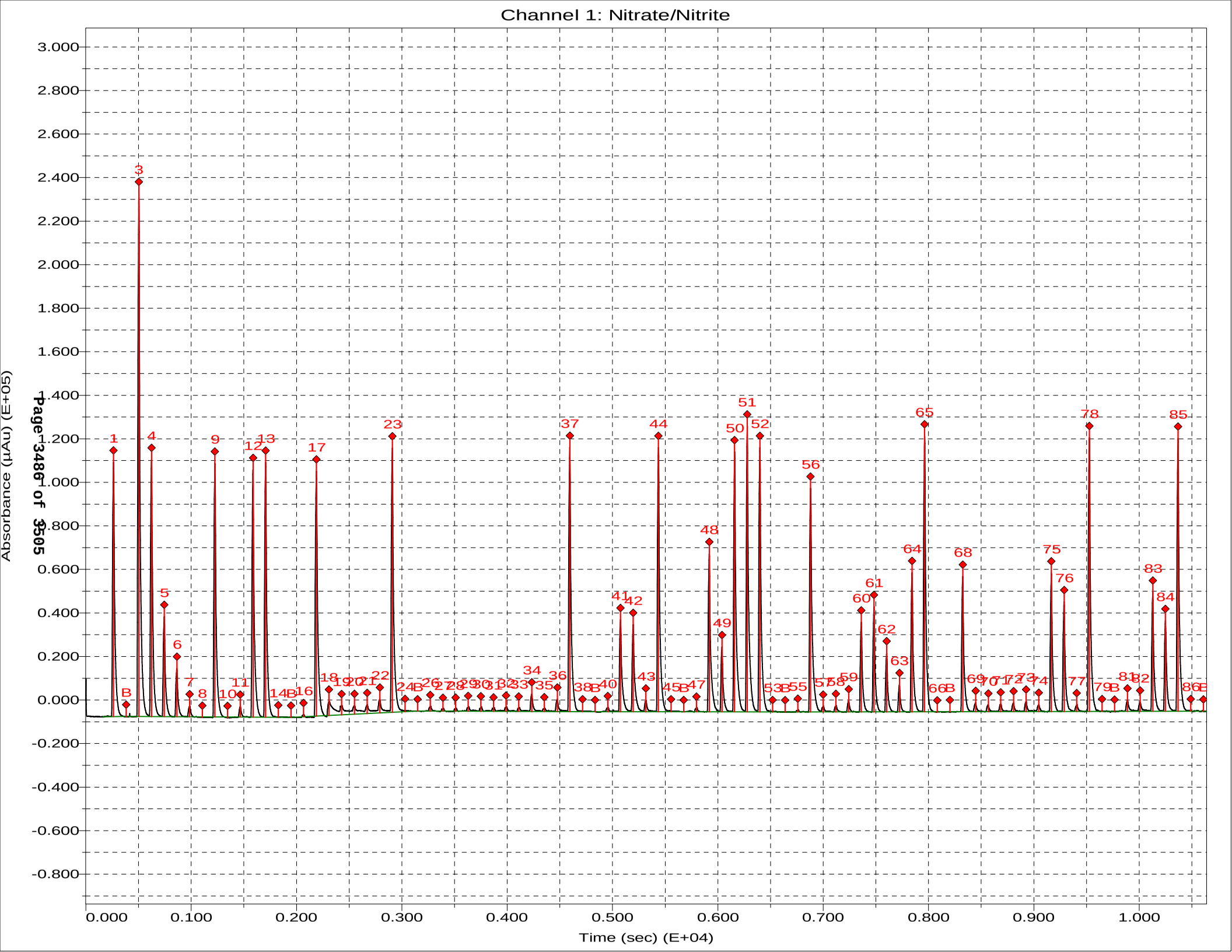
Calib Coef:
y=bx+a
a: (intercept) -1.4171e+03
b: 1.2048e+05

Corr Coef: 0.999953

Carryover: n/a

No Drift Peaks


Nitrate/Nitrite:Calibration 1: Peak 3-87
2.800
2.600
2.400
2.200
2.000
1.800
1.600
1.400
1.200
1.000
0.800
0.600
0.400
0.200
0.000
-0.200
-0.400
Height (E+05)
0.0
0.5
1.0
1.5
2.0
Conc


Channel 1: Nitrate/Nitrite
Absorbance (µAu) (E+05)
Time (sec) (E+04)
Page 3486 of 3505

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Batch Number: 80985 Batch Start Date: 04/08/13 11:14 Batch Analyst: Stiller, Jennifer

Batch Method: Moisture Batch End Date: 04/09/13 10:45

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
240-22663-A-1	079SB-0010M-0001-SO	Moisture	T	4.4306 g	8.9053 g	8.8563 g			
240-22663-A-2	079SB-0011M-0001-SO	Moisture	T	4.4306 g	9.5280 g	9.4737 g			
240-22663-A-3	079SB-0013M-0001-SO	Moisture	T	4.4306 g	9.7842 g	9.7071 g			
240-22663-D-4	079SB-0014M-0001-SO	Moisture	T	4.4306 g	9.7493 g	9.2711 g			
240-22663-A-5	079SB-0015M-0001,0002-SO	Moisture	T	4.4306 g	10.7397 g	10.6538 g			
240-22663-B-5 DU	079SB-0015M-0001,0002-SO	Moisture	T	4.4306 g	8.7074 g	8.6500 g			
240-22663-A-6	079SB-0016M-0001-SO	Moisture	T	4.4306 g	10.0862 g	10.0105 g			
240-22663-D-7	079SB-0017M-0001-SO	Moisture	T	4.4306 g	10.5107 g	9.4366 g			
240-22663-A-8	079SB-0020M-0001-SO	Moisture	T	4.4306 g	9.3804 g	9.3099 g			
240-22663-A-9	079SB-0019M-0001-SO	Moisture	T	4.4306 g	8.4074 g	8.3467 g			
240-22663-A-10	070SB-0046M-0001-SB	Moisture	T	4.4306 g	9.0706 g	9.0132 g			
240-22663-A-11	073SS-0035M-0001-SO	Moisture	T	4.4306 g	9.1137 g	9.0604 g			
240-22663-A-12	073SB-0036M-0001-SO	Moisture	T	4.4306 g	10.1429 g	10.1003 g			
240-22663-A-13	073SB-0037M-0001-SO	Moisture	T	4.4306 g	11.3430 g	11.3046 g			
240-22663-A-14	073SB-0038M-0001-SO	Moisture	T	4.4306 g	8.1720 g	8.1498 g			
240-22663-A-15	073SB-0039M-0001-SO	Moisture	T	4.4306 g	10.6765 g	10.6396 g			
240-22663-A-16	073SB-0040M-0001,0002-SO	Moisture	T	4.4306 g	8.5540 g	8.5244 g			
240-22663-B-16 DU	073SB-0040M-0001,0002-SO	Moisture	T	4.4306 g	8.9658 g	8.9354 g			
240-22663-D-17	073SB-0041M-0001-SO	Moisture	T	4.4306 g	10.7796 g	10.0427 g			
240-22663-A-18	073SB-0042M-0001-SO	Moisture	T	4.4306 g	11.5193 g	11.4475 g			
240-22663-A-19	073SB-0043M-0001-SO	Moisture	T	4.4306 g	9.7488 g	9.7127 g			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Batch Number: 80985 Batch Start Date: 04/08/13 11:14 Batch Analyst: Stiller, Jennifer

Batch Method: Moisture Batch End Date: 04/09/13 10:45

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
240-22663-A-20	073SB-0044-0001-SO	Moisture	T	4.4306 g	18.5932 g	17.2898 g			
240-22663-A-21	079SB-0021M-0001-SO	Moisture	T	4.4306 g	9.5971 g	9.5335 g			
240-22663-A-22	079SB-0022M-0001-SO	Moisture	T	4.4306 g	8.8997 g	8.8385 g			
240-22663-A-23	079SB-0023M-0001-SO	Moisture	T	4.4306 g	10.1381 g	10.0567 g			
240-22663-A-24	079SB-0024M-0001,0002-SO	Moisture	T	4.4306 g	8.0183 g	7.9670 g			
240-22663-B-24 DU	079SB-0024M-0001,0002-SO	Moisture	T	4.4306 g	8.1037 g	8.0513 g			
240-22663-A-25	079SB-0025M-0001-SO	Moisture	T	4.4306 g	9.0623 g	9.0045 g			
240-22663-D-26	079SB-0026M-0001-SO	Moisture	T	4.4306 g	10.3777 g	9.1934 g			
240-22663-A-27	079SB-0027M-0001-SO	Moisture	T	4.4306 g	9.5039 g	9.4368 g			
240-22663-D-28	079SB-0028M-0001-SO	Moisture	T	4.4306 g	10.3431 g	9.0884 g			
240-22663-A-29	079SB-0029-0001-SO	Moisture	T	4.4306 g	14.0885 g	13.5092 g			
240-22663-A-31	068SB-0017M-0001-SO	Moisture	T	4.4306 g	8.8181 g	8.7717 g			
240-22663-A-32	068SB-0018M-0001-SO	Moisture	T	4.4306 g	12.9950 g	12.9203 g			
240-22663-A-33	068SB-0019M-0001-SO	Moisture	T	4.4306 g	8.9879 g	8.9427 g			
240-22663-A-34	068SB-0022M-0001-SO	Moisture	T	4.4306 g	13.7082 g	13.6046 g			
240-22663-A-35	068SB-0020M-0001-SO	Moisture	T	4.4306 g	9.3902 g	9.3469 g			
240-22663-A-36	068SB-0023M-0001-SO	Moisture	T	4.4306 g	8.0517 g	8.0060 g			
240-22663-A-37	068SB-0024M-0001-SO	Moisture	T	4.4306 g	7.0979 g	7.0764 g			
240-22663-A-37 DU	068SB-0024M-0001-SO	Moisture	T	4.4306 g	8.1545 g	8.1246 g			
240-22663-A-38	068SB-0025M-0001-SO	Moisture	T	4.4306 g	10.0618 g	10.0086 g			
240-22663-A-39	068SB-0032-0001-SO	Moisture	T	4.4306 g	12.1654 g	11.2046 g			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-22663-1

SDG No.:

Batch Number: 80985 Batch Start Date: 04/08/13 11:14 Batch Analyst: Stiller, Jennifer

Batch Method: Moisture Batch End Date: 04/09/13 10:45

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
240-22663-A-39 DU	068SB-0032-0001-SO	Moisture	T	4.4306 g	11.7274 g	10.6875 g			
240-22663-A-40	068SB-0027M-0001-SO	Moisture	T	4.4306 g	8.7557 g	8.6977 g			
240-22663-A-41	068SB-0028M-0001-SO	Moisture	T	4.4306 g	11.4262 g	11.3780 g			
240-22663-A-43	068SB-0030M-0001-SO	Moisture	T	4.4306 g	10.6295 g	10.5633 g			
240-22663-A-44	068SB-0031M-0001-SO	Moisture	T	4.4306 g	9.9888 g	9.9386 g			

Batch Notes	
Balance ID	B047 No Unit
Date samples were placed in the oven	4-8-13
Oven Temp when samples are put in oven	102.0 Degrees C
Time samples were place in the oven	12:20pm
Date samples were removed from oven	4-9-13
Oven Temp when samples removed from oven	103.4 Degrees C
Time Samples were removed from oven	5:30
Oven ID	002
ID number of the thermometer	TEMPGUARD BOX C #6

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Batch Number: 14670 Batch Start Date: 04/19/13 06:02 Batch Analyst: Phan, Tuan

Batch Method: 353.2 (NCell) Batch End Date: 04/19/13 11:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	HPNCSP 00008			
MB 320-14670/1		353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050		10.00 g	45 mL				
LCS 320-14670/2		353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050		10.00 g	45 mL	1 mL			
240-22663-F-4	079SB-0014M-0001 -SO	353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050	T	10.64 g	45 mL				
240-22663-F-7	079SB-0017M-0001 -SO	353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050	T	10.08 g	45 mL				
240-22663-F-17	073SB-0041M-0001 -SO	353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050	T	9.97 g	45 mL				
240-22663-F-26	079SB-0026M-0001 -SO	353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050	T	10.00 g	45 mL				
240-22663-F-28	079SB-0028M-0001 -SO	353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050	T	10.46 g	45 mL				

Batch Notes	
1:1 MeOH/H2O	HPMeOH/H2O_00010
Acetone Lot #	BAKER 0000010624
Centrifuge Tube	BD FALCOM 2142558

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Batch Number: 14752 Batch Start Date: 04/22/13 05:45 Batch Analyst: Phan, Tuan

Batch Method: 353 (NCell-Hyd) Batch End Date: 04/22/13 09:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
MB 320-14670/1-A		353 (NCell-Hyd), WS-WC-0050		45 mL	40 mL				
LCS 320-14670/2-A		353 (NCell-Hyd), WS-WC-0050		45 mL	40 mL				
240-22663-F-4-G	079SB-0014M-0001 -SO	353 (NCell-Hyd), WS-WC-0050	T	45 mL	40 mL				
240-22663-F-7-C	079SB-0017M-0001 -SO	353 (NCell-Hyd), WS-WC-0050	T	45 mL	40 mL				
240-22663-F-17-C	073SB-0041M-0001 -SO	353 (NCell-Hyd), WS-WC-0050	T	45 mL	40 mL				
240-22663-F-26-C	079SB-0026M-0001 -SO	353 (NCell-Hyd), WS-WC-0050	T	45 mL	40 mL				
240-22663-F-28-C	079SB-0028M-0001 -SO	353 (NCell-Hyd), WS-WC-0050	T	45 mL	40 mL				

Batch Notes	
0.45 Filter Vendor/Lot	MILLIPORE R2SA72748
Centrifuge Tube	BD FALCOM 2142558
Sulfuric Acid Lot Number	Sulfuric Acid_00001
Millipore Water Dispense Date	4/21/13
NaOH Lot #	1NNaOH_00002

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 240-22663-1

SDG No.:

Batch Number: 14914 Batch Start Date: 04/23/13 12:17 Batch Analyst: Stredny, Joseph

Batch Method: WS-WC-0050 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	WC-353.2-ICV 00022	WC-353.2-L1 00022	WC-353.2-L4 00016			
ICV 320-14914/8		WS-WC-0050		# mL					
MRL 320-14914/10		WS-WC-0050			# mL				
MRL 320-14914/21		WS-WC-0050			# mL				
CCV 320-14914/22		WS-WC-0050				# mL			
CCV 320-14914/36		WS-WC-0050				# mL			
CCV 320-14914/43		WS-WC-0050				# mL			

Batch Notes	
Nitrocellulose Assay	0.119
Color Reagent 1 ID	4525-wc-21-3, Exp: 07/5/13
NO2/NO3 Indicator ID #	4525-WC-21-7, Exp: 05/31/13

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Subcontract Data

Shipping and Receiving Documents

Loeb, Mark

From: Jeff Donovan [JDonovan@ecc.net]
Sent: Thursday, April 04, 2013 2:45 PM
To: Loeb, Mark
Cc: Jackson Kiker
Subject: Fwd: Cancel analysis on this sample 2:45 pm

Hi Mark, go ahead and cancel the analysis on this sample

068SB-0029M-0001-SO

Coll 29-Mar-13 1253 COC 008872

I will be collecting a replacement
sample today or tomorrow.
Thanks
Jeff

Jeff Donovan
Senior Environmental Scientist
ECC
33 Boston Post Road West-Suite 420
Marlborough, MA 01752
Tel: (508) 229-2270 ext. 22123
Cell:(508) 509-1784
Fax:(508) 229-7737
>>> Jeff Donovan 4/4/2013 4:34 AM >>>
Hi again, hold off on canceling this sample until I call you this morning, thanks Mark,
Jeff

Jeff Donovan
Senior Environmental Scientist
ECC
33 Boston Post Road West-Suite 420
Marlborough, MA 01752
Tel: (508) 229-2270 ext. 22123
Cell:(508) 509-1784
Fax:(508) 229-7737
>>> Jeff Donovan 4/4/2013 4:05 AM >>>
Morning Mark, can you please cancel the analysis on the following sample:

068SB-0029M-0001-SO

Coll 29-Mar-13 1253 COC 008872

I will be collecting a replacement sample today or tomorrow.
Thanks
Jeff

Jeff Donovan
Senior Environmental Scientist
ECC
33 Boston Post Road West-Suite 420
Marlborough, MA 01752
Tel: (508) 229-2270 ext. 22123
Cell:(508) 509-1784
Fax:(508) 229-7737

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0408)

Client	Project Manager	Date	Chain of Custody Number
ECC	A. Easterday	4/1/13	008879
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 5**
35 Boston Post Rd W. #320	(508) 229-2210		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Marlborough / MA / 01752	J. Donovan	Mark Lobb	
Project Name and Location (State)	**Carrier/Waybill Number**		
Ravenna - OH	CAB pick up		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: Metals SPLP Full Suite	Pesticides	VOC	SVOC	Explosives	PAHs/Alkanes	PCB	Special Instructions/ Conditions of Receipt
079SB-0010M-0001-SD	4/1/13	1007			X		X						X							
-0011M-0001-SD		1007											X							
-0013M-0001-SD		1009											X							
-0014M-0001-SD		1012											X	X	X	X	X	X	X	Full Suite
-0015M-0001-SD		1001											X							
-0015M-0002-SD		1001											X							MS/MSD
-0016M-0001-SD		0915											X							
-0017M-0001-SD		0924												X						
-0020M-0001-SD		0924											X							
-0019M-0001-SD		0945											X							
070SB-0046M-0001-SB	4-1-13	1500												X						

240-22663 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	4-1-13	1711	1. Received By	4-1-13	1711
2. Relinquished By	4-1-13	1824	2. Received By	4-2-13	0800
3. Relinquished By			3. Received By		

Comments
MS/MSD

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0408)

Client	Project Manager	Date	Chain of Custody Number
ELC	A. Easterday	4/1/13	008877
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 2 of 5**
33 Boston Post Rd W. #420	(508) 229-2270		
City / State / Zip Code	**Site Contact**	**Lab Contact**	
Marlborough / MA / 01752	J. Donovan	Mark Locb	
Project Name and Location (State)	**Carrier/Waybill Number**		
Ravenna - OH			
Contract/Purchase Order/Quote No.			

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Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: Metals	Ext Suite	VOC	SVOC	Pesticide	PCB	Herbicide	Phenol	% Solid	Special Instructions/ Conditions of Receipt
D73SS-0035M-0001-SO	4/1/13	1420				X	X						X									
D73SB-0036M-0001-SO		1345											X									
-0037M-0001-SO		1350											X									
-0038M-0001-SO		1240											X									
-0039M-0001-SO		1240											X									
-0040M-0001-SO		1253											X									
-0041M-0001-SO		1303											X	X	X	X	X	X	X	X		For Suite
-0042M-0001-SO		1351											X									
-0043M-0001-SO		1324											X									
-0044-0001-SO		1329											X									Discrete MS/MSD
-0040M-0002-SO		1253					4						X									

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	4-1-13	1711	1. Received By	4-1-13	1711
2. Relinquished By	4-1-13	1824	2. Received By	4-2-13	0800
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0408)

Client	Project Manager	Date	Chain of Custody Number
EW	A. Easterday	4/1/13	008878
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 3 of 5**
55 Boston Post Rd W. #420	(508) 229-2270		
City / State / Zip Code	**Site Contact**	**Lab Contact**	
Marlborough / MA / 01752	J. Donovan	Mark Laub.	
Project Name and Location (State)	**Carrier/Waybill Number**		
Kavanna - OH			
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Other	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	MeOH	Other	Analysis: Metals	Full Suite VOC	SVOC	PCB	Pesticides	Explosives	Propellants	% Solids	Special Instructions/ Conditions of Receipt
079SB-0021M-0001-SO	4/1/13	1121				X		X								X								
-0022M-0001-SO		1124														X								
-0023M-0001-SO		1124														X								
-0024M-0001-SO		1129														X								
-0024M-0002-SO		1129														X								MS/MSD
-0025M-0001-SO		1023														X								
-0026M-0001-SO		1037							X						X	X	X	X	X	X	X	X		Full Suite
-0027M-0001-SO		1112														X								
-0028M-0001-SO		1043							X						X	X	X	X	X	X	X	X		Full Suite
-0029-0001-SO		1055														X								Dissolved
068SB-0026-0001-TB		0800		X													X							TRIP BLK

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Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	4-1-13	1711	1. Received By	4-1-13	1711
2. Relinquished By	4-1-13	1824	2. Received By	4-2-13	0800
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: *WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy*

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0408)

Client	Project Manager	Date	Chain of Custody Number
ECC	A. Easterday	4/1/13	008876
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 4 of 5**
33 Boston Post Rd W. #420	(508) 229-2270		
City / State / Zip Code	**Site Contact**	**Lab Contact**	
Marlborough / MA / 01752	J. Donovan	Mark Laub	
Project Name and Location (State)	**Carrier/Waybill Number**		
Ravenna - OH	Lab pick up		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Analysis: Metals TAL	PCB	SVOC	Special Instructions/ Conditions of Receipt
0608B-0017M-0001-SO	3/29/13	1542				X	X						X	X	X	
0608B-0018M-0001-SO		1543											X	X	X	
0608B-0019M-0001-SO		1521											X	X	X	
0608B-0022M-0001-SO		1521											X	X	X	
0608B-0020M-0001-SO		1550											X	X	X	
0608B-0023M-0001-SO		1440											X	X	X	
0608B-0024M-0001-SO		1420											X	X	X	
0608B-0025M-0001-SO		1445											X	X	X	
0608B-0032-0001-SO		1530											X	X	X	Discrete

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Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	4-1-13	1711	1. Received By	4-1-13	1711
2. Relinquished By	4-1-13	1824	2. Received By	4-2-13	0800
3. Relinquished By			3. Received By		

Comments
-0032- IS A DISCRETE SAMPLE

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0408)

Client: ECC	Project Manager: A. Easterday	Date: 4/1/13	Chain of Custody Number: 008872
Address: 35 Boston Post Rd W #420	Telephone Number (Area Code)/Fax Number: (508) 229-2270	Lab Number:	Page 5 of 5
City: Marlborough / State: MA / Zip Code: 01752	Site Contact: J. Donovan	Lab Contact: Mark Lamb	
Project Name and Location (State): Ravenna - DH	Carrier/Waybill Number: LAB pick up		
Contract/Purchase Order/Quote No.			

Analysis (Attach list if more space is needed): Metals TAL, PCB, SVOC

Special Instructions/ Conditions of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Metals TAL	PCB	SVOC
06SB-0027M-0001-SO	3/29/13	1400				X	X						X	X	X
06SB-0028M-0001-SO		1402											X	X	X
06SB-0029M-0001-SO		1753											X	X	X
06SB-0030M-0001-SO		1405											X	X	X
06SB-0031M-0001-SO		1344											X	X	X

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Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other STANDARD

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	4-1-13	1711	1. Received By	4-1-13	1711
2. Relinquished By	4-1-13	1824	2. Received By	4-2-13	0800
3. Relinquished By			3. Received By		

Comments: MC 15m

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

TestAmerica Canton Sample Receipt Form/Narrative Login # : 22663

Client ECC Site Name _____ By: _____

Cooler Received on 4-1-13 Opened on 4-1-13 (Signature)

FedEx: 1st Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Couriers Other _____

TestAmerica Cooler # _____ Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# 1 (CF -2 °C) Observed Sample Temp._____°C Corrected Sample Temp._____°C

IR GUN# 4G (CF 0 °C) Observed Sample Temp._____°C Corrected Sample Temp._____°C

IR GUN# 5G (CF 0 °C) Observed Sample Temp._____°C Corrected Sample Temp._____°C

IR GUN# 8 (+1) (CF ~~0 °C~~) Observed Sample Temp._____°C Corrected Sample Temp._____°C

☐ Multiple on Back

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity_____ Yes No

-Were custody seals on the outside of the cooler(s) signed & dated? Yes No NA

-Were custody seals on the bottle(s)? Yes No

3. Shippers' packing slip attached to the cooler(s)? Yes No

4. Did custody papers accompany the sample(s)? Yes No

5. Were the custody papers relinquished & signed in the appropriate place? Yes No

6. Did all bottles arrive in good condition (Unbroken)? Yes No

7. Could all bottle labels be reconciled with the COC? Yes No

8. Were correct bottle(s) used for the test(s) indicated? Yes No

9. Sufficient quantity received to perform indicated analyses? Yes No

10. Were sample(s) at the correct pH upon receipt? Yes No NA

11. Were VOAs on the COC? Yes No

12. Were air bubbles >6 mm in any VOA vials? Yes No NA

13. Was a trip blank present in the cooler(s)? Yes No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

- Sample 07958-0017M-0001-SO (4-1-13 @ 924) on COC # 8879 only marked for Full Suite, but is crossed off on COC. Rec'd 1xL 3x40 for Full Suite.

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). Nitric Acid Lot# 031512-HNO3; Sulfuric Acid Lot# 051012-H2SO4; Sodium Hydroxide Lot# 121809 Hydrochloric Acid Lot# 041911-HCl; Sodium Hydroxide and Zinc Acetate Lot# 100108-(CH3COO)2ZN/NaOH. What Lot/Trace # preservative added to sample(s)?

Client ID	pH	Date	Initials

Login Sample Receipt Checklist

Client: Environmental Chemical Corp.

Job Number: 240-22663-1

Login Number: 22663
List Number: 1
Creator: Watson, Debbie

List Source: TestAmerica Pittsburgh
List Creation: 04/09/13 01:58 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Environmental Chemical Corp.

Job Number: 240-22663-1

Login Number: 22663
List Number: 1
Creator: Hall, Megan

List Source: TestAmerica Sacramento
List Creation: 04/09/13 03:01 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.1
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	