FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-80549/4-A

Matrix: Water | Lab File ID: P3041715.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: 3520C | Date Extracted: 04/04/2013 09:39

Sample wt/vol: 1000(mL) | Date Analyzed: 04/17/2013 19:37

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

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

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

Analysis Batch No.: 82389 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.579		0.050	0.010	0.0096
72-55-9	4,4'-DDE	0.512		0.050	0.010	0.0097
50-29-3	4,4'-DDT	0.620		0.050	0.030	0.016
309-00-2	Aldrin	0.466		0.050	0.010	0.0082
319-84-6	alpha-BHC	0.571		0.050	0.010	0.0070
5103-71-9	alpha-Chlordane	0.521		0.050	0.014	0.014
319-85-7	beta-BHC	0.537		0.050	0.010	0.0084
319-86-8	delta-BHC	0.618		0.050	0.010	0.0087
60-57-1	Dieldrin	0.545		0.050	0.010	0.0075
959-98-8	Endosulfan I	0.417		0.050	0.013	0.013
33213-65-9	Endosulfan II	0.469		0.050	0.012	0.012
1031-07-8	Endosulfan sulfate	0.532		0.050	0.011	0.011
72-20-8	Endrin	0.561		0.050	0.011	0.011
7421-93-4	Endrin aldehyde	0.484		0.050	0.011	0.011
53494-70-5	Endrin ketone	0.528		0.050	0.010	0.0078
58-89-9	gamma-BHC (Lindane)	0.573		0.050	0.010	0.0064
5103-74-2	gamma-Chlordane	0.553		0.050	0.012	0.012
76-44-8	Heptachlor	0.594		0.050	0.010	0.0080
1024-57-3	Heptachlor epoxide	0.545		0.050	0.010	0.0071
72-43-5	Methoxychlor	0.597		0.10	0.032	0.032

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	50	M	30-135
877-09-8	Tetrachloro-m-xylene	94		25-140

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP3\20130417-18976.b\P3041715.D		
Lims ID:	LCS 240-80549/4-A	Client ID:	
Inject. Date:	17-Apr-2013 19:37:33	Dil. Factor:	1.0000
Sample Type:	LCS		
Sample ID:	240-0018976-013		
Misc. Info.:			
Operator:	402582	Instrument ID:	A2HP3
Injection Vol:	1.0 ul	ALS Bottle#:	13
Lims Batch ID:	82389	Lims Sample ID:	13
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP3\20130417-18976.b\PEST3.m		
Last Update:	18-Apr-2013 09:19:59	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:	XAWRK031		
First Level Reviewer: shockr		Date:	18-Apr-2013 08:25:49

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.493	3.494	-0.001	41573401	0.0378			
2	100	4.092	4.094	-0.002	22532766	0.0373			
						RPD = 1.28			
5 alpha-BHC									
1	100	4.184	4.184	0.000	185371112	0.1142			
2	100	4.948	4.951	-0.003	105183256	0.1366			
						RPD = 17.90			
20 gamma-BHC (Lindane)									
1	100	4.564	4.564	0.000	166895809	0.1147			
2	100	5.531	5.535	-0.004	93521869	0.1381			
						RPD = 18.54			
7 beta-BHC									
1	100	4.696	4.696	0.000	66400714	0.1074			
2	100	5.716	5.720	-0.004	42431219	0.1435			
						RPD = 28.81			
11 delta-BHC									
1	100	4.910	4.911	-0.001	183078027	0.1237			
2	100	6.300	6.305	-0.005	87892564	0.1264			
						RPD = 2.13			
22 Heptachlor									
1	100	5.194	5.193	0.001	152908564	0.1187			
2	100	6.364	6.367	-0.003	73172034	0.1255			
						RPD = 5.57			
4 Aldrin									
1	100	5.642	5.642	0.000	126745364	0.0932			
2	100	7.111	7.115	-0.004	80880021	0.1214			
						RPD = 26.31			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.869	6.867	0.002	134052233	0.1090			
2	100	8.606	8.608	-0.002	73081043	0.1257			
						RPD = 14.26			
21 gamma-Chlordane									
1	100	7.169	7.169	0.000	139681161	0.1106			
2	100	9.010	9.014	-0.004	73117214	0.1246			
						RPD = 11.98			
6 alpha-Chlordane									
1	100	7.516	7.515	0.001	134483040	0.1043			
2	100	9.320	9.322	-0.002	72482261	0.1188			
						RPD = 12.99			
14 Endosulfan I									
1	100	7.791	7.793	-0.002	96022115	0.0833			
2	100	9.385	9.388	-0.003	54668155	0.1029			
						RPD = 21.04			
2 4,4'-DDE									
1	100	7.895	7.895	0.000	129663377	0.1024			
2	100	9.766	9.769	-0.003	71127859	0.1166			
						RPD = 13.02			
13 Dieldrin									
1	100	8.356	8.356	0.000	138268264	0.1090			
2	100	9.913	9.915	-0.002	73292563	0.1233			
						RPD = 12.31			
17 Endrin									
1	100	8.816	8.815	0.001	133458240	0.1122			
2	100	10.436	10.437	-0.001	69178607	0.1291			
						RPD = 13.99			
1 4,4'-DDD									
1	100	9.182	9.182	0.000	112385410	0.1158			
2	100	10.775	10.777	-0.002	59469394	0.1391			
						RPD = 18.26			
15 Endosulfan II									
1	100	9.270	9.270	0.000	102636594	0.0938			
2	100	10.807	10.809	-0.002	51848443	0.1068			
						RPD = 12.99			
3 4,4'-DDT									
1	100	9.710	9.708	0.002	114282887	0.1239			
2	100	11.255	11.257	-0.002	51391937	0.1299			
						RPD = 4.73			
18 Endrin aldehyde									
1	100	10.075	10.072	0.003	85210512	0.0968			
2	100	11.373	11.375	-0.002	44217033	0.1119			
						RPD = 14.54			
27 Methoxychlor									
1	100	10.673	10.670	0.003	55080702	0.1194			
2	100	12.337	12.339	-0.002	25289451	0.1268			
						RPD = 6.00			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.805	10.804	0.001	104339729	0.1064			
2	100	11.790	11.792	-0.002	54979074	0.1243			
						RPD = 15.58			
19 Endrin ketone									
1	100	11.207	11.204	0.003	120942873	0.1057			
2	100	12.540	12.541	-0.001	60098015	0.1198			
						RPD = 12.57			
$ 10 DCB Decachlorobiphenyl									M
1	100	12.827	12.826	0.001	19385107	0.0202			M
2	100	14.254	14.256	-0.002	9985503	0.0208			
						RPD = 2.86			

QC Flag Legend

Review Flags
M - Manually Integrated

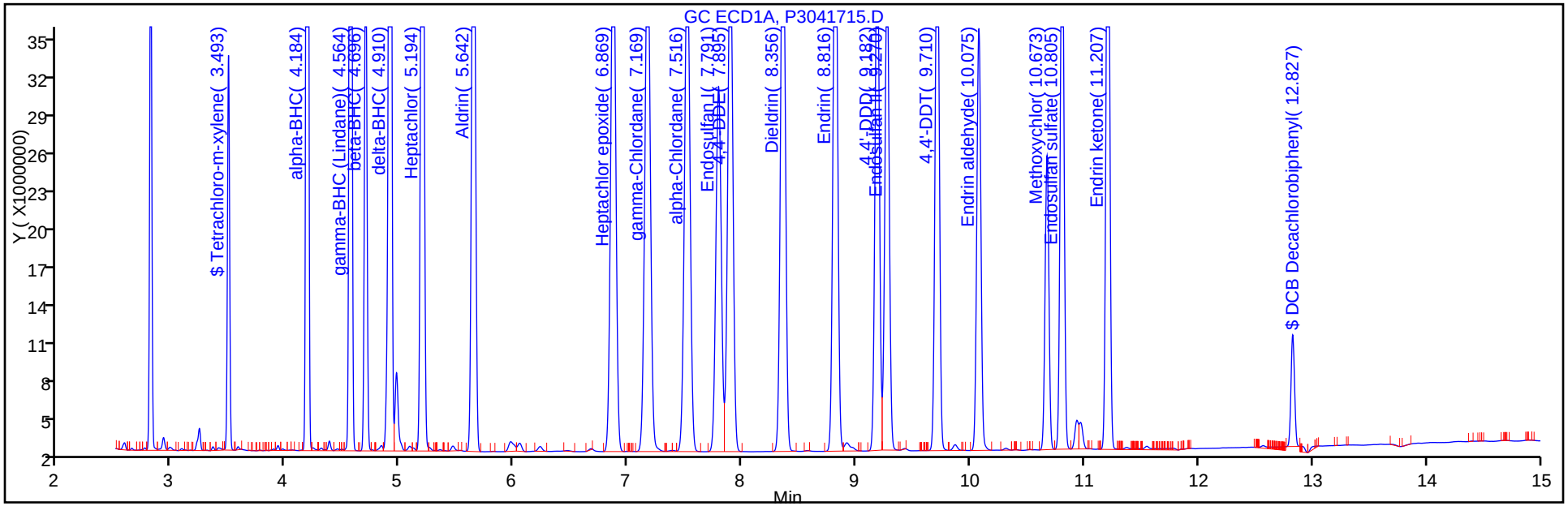
Report Date: 18-Apr-2013 09:20:07 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

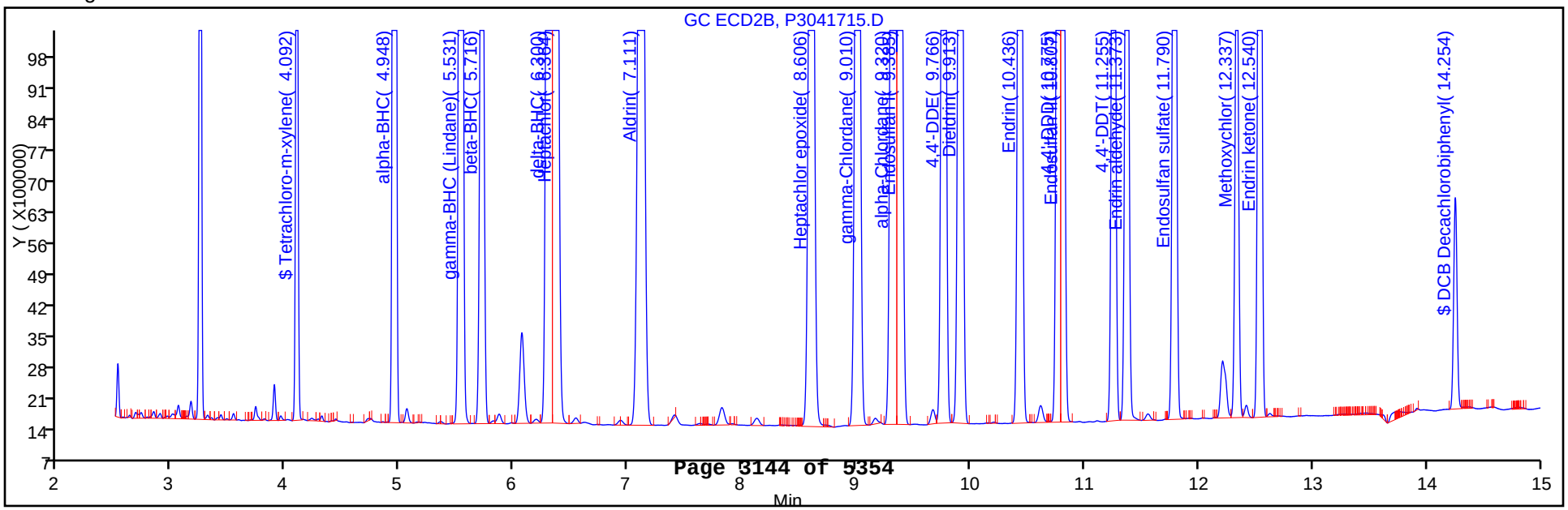
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Injection Date:	17-Apr-2013 19:37:33	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82389	Lims Sample ID:	13
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Report Date: 18-Apr-2013 09:20:07 Chrom Revision: 2.0 01-Apr-2013 21:16:10

Manual Integration/User Assign Peak Report

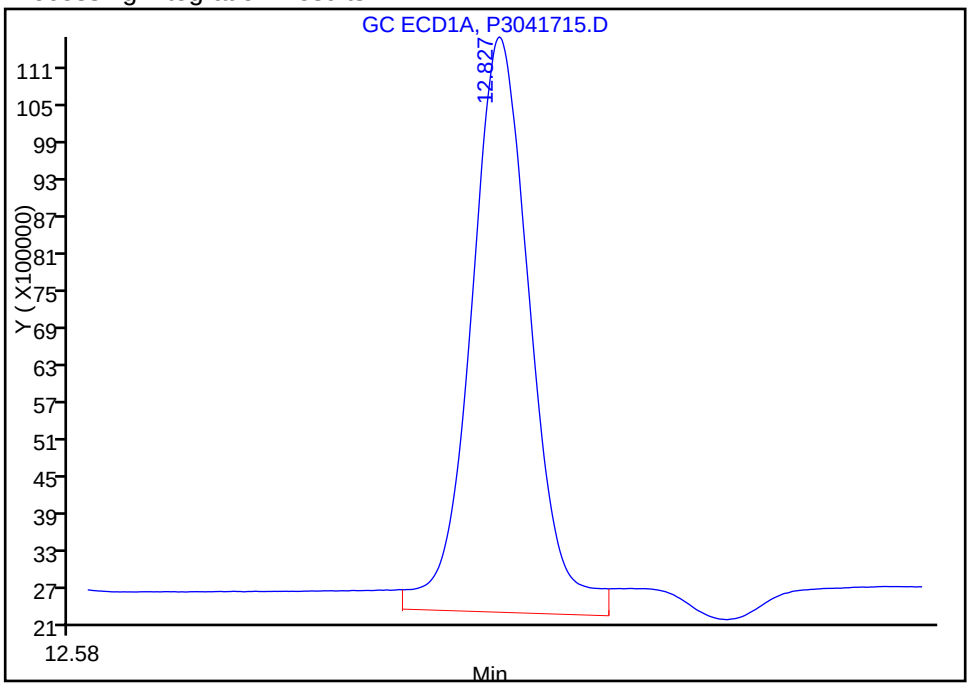
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP3\20130417-18976.b\P3041715.D		
Injection Date:	17-Apr-2013 19:37:33	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82389	Lims Sample ID:	13
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 10 DCB Decachlorobiphenyl, Signal: 1, Type: quant, RT: 12.83, Det: GC ECD1A

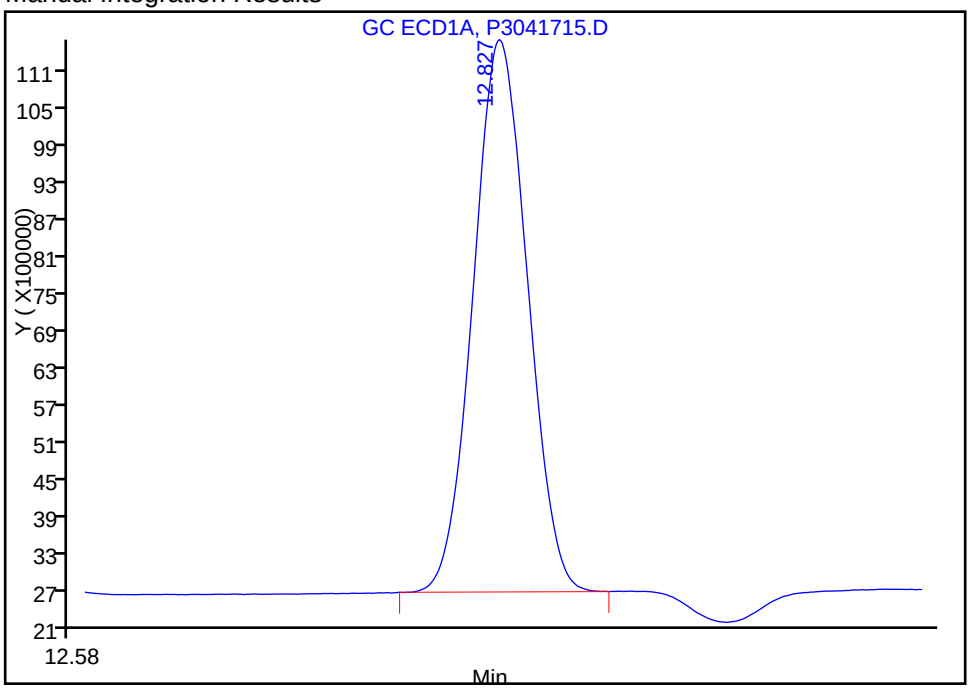
Processing Integration Results

RT: 12.83
Response: 22057071
Amount: 0.022970



Manual Integration Results

RT: 12.83
Response: 19385107
Amount: 0.020188



Reviewer: shockr, 18-Apr-2013 08:25:49
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-80549/4-A

Matrix: Water | Lab File ID: P3041715.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: 3520C | Date Extracted: 04/04/2013 09:39

Sample wt/vol: 1000(mL) | Date Analyzed: 04/17/2013 19:37

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

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

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

Analysis Batch No.: 82389 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	52		30-135
877-09-8	Tetrachloro-m-xylene	93		25-140

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130417-18976.b\P3041715.D
Lims ID: LCS 240-80549/4-A Client ID:
Inject. Date: 17-Apr-2013 19:37:33 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0018976-013
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 13
Lims Batch ID: 82389 Lims Sample ID: 13
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130417-18976.b\PEST3.m
Last Update: 18-Apr-2013 09:19:59 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: XAWRK031

First Level Reviewer: shockr Date: 18-Apr-2013 08:25:49

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.493	3.494	-0.001	41573401	0.0378			
2	100	4.092	4.094	-0.002	22532766	0.0373			
						RPD = 1.28			
5 alpha-BHC									
1	100	4.184	4.184	0.000	185371112	0.1142			
2	100	4.948	4.951	-0.003	105183256	0.1366			
						RPD = 17.90			
20 gamma-BHC (Lindane)									
1	100	4.564	4.564	0.000	166895809	0.1147			
2	100	5.531	5.535	-0.004	93521869	0.1381			
						RPD = 18.54			
7 beta-BHC									
1	100	4.696	4.696	0.000	66400714	0.1074			
2	100	5.716	5.720	-0.004	42431219	0.1435			
						RPD = 28.81			
11 delta-BHC									
1	100	4.910	4.911	-0.001	183078027	0.1237			
2	100	6.300	6.305	-0.005	87892564	0.1264			
						RPD = 2.13			
22 Heptachlor									
1	100	5.194	5.193	0.001	152908564	0.1187			
2	100	6.364	6.367	-0.003	73172034	0.1255			
						RPD = 5.57			
4 Aldrin									
1	100	5.642	5.642	0.000	126745364	0.0932			
2	100	7.111	7.115	-0.004	80880021	0.1214			
						RPD = 26.31			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.869	6.867	0.002	134052233	0.1090			
2	100	8.606	8.608	-0.002	73081043	0.1257			
						RPD = 14.26			
21 gamma-Chlordane									
1	100	7.169	7.169	0.000	139681161	0.1106			
2	100	9.010	9.014	-0.004	73117214	0.1246			
						RPD = 11.98			
6 alpha-Chlordane									
1	100	7.516	7.515	0.001	134483040	0.1043			
2	100	9.320	9.322	-0.002	72482261	0.1188			
						RPD = 12.99			
14 Endosulfan I									
1	100	7.791	7.793	-0.002	96022115	0.0833			
2	100	9.385	9.388	-0.003	54668155	0.1029			
						RPD = 21.04			
2 4,4'-DDE									
1	100	7.895	7.895	0.000	129663377	0.1024			
2	100	9.766	9.769	-0.003	71127859	0.1166			
						RPD = 13.02			
13 Dieldrin									
1	100	8.356	8.356	0.000	138268264	0.1090			
2	100	9.913	9.915	-0.002	73292563	0.1233			
						RPD = 12.31			
17 Endrin									
1	100	8.816	8.815	0.001	133458240	0.1122			
2	100	10.436	10.437	-0.001	69178607	0.1291			
						RPD = 13.99			
1 4,4'-DDD									
1	100	9.182	9.182	0.000	112385410	0.1158			
2	100	10.775	10.777	-0.002	59469394	0.1391			
						RPD = 18.26			
15 Endosulfan II									
1	100	9.270	9.270	0.000	102636594	0.0938			
2	100	10.807	10.809	-0.002	51848443	0.1068			
						RPD = 12.99			
3 4,4'-DDT									
1	100	9.710	9.708	0.002	114282887	0.1239			
2	100	11.255	11.257	-0.002	51391937	0.1299			
						RPD = 4.73			
18 Endrin aldehyde									
1	100	10.075	10.072	0.003	85210512	0.0968			
2	100	11.373	11.375	-0.002	44217033	0.1119			
						RPD = 14.54			
27 Methoxychlor									
1	100	10.673	10.670	0.003	55080702	0.1194			
2	100	12.337	12.339	-0.002	25289451	0.1268			
						RPD = 6.00			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.805	10.804	0.001	104339729	0.1064			
2	100	11.790	11.792	-0.002	54979074	0.1243			
						RPD = 15.58			
19 Endrin ketone									
1	100	11.207	11.204	0.003	120942873	0.1057			
2	100	12.540	12.541	-0.001	60098015	0.1198			
						RPD = 12.57			
$ 10 DCB Decachlorobiphenyl									M
1	100	12.827	12.826	0.001	19385107	0.0202			M
2	100	14.254	14.256	-0.002	9985503	0.0208			
						RPD = 2.86			

QC Flag Legend

Review Flags
M - Manually Integrated

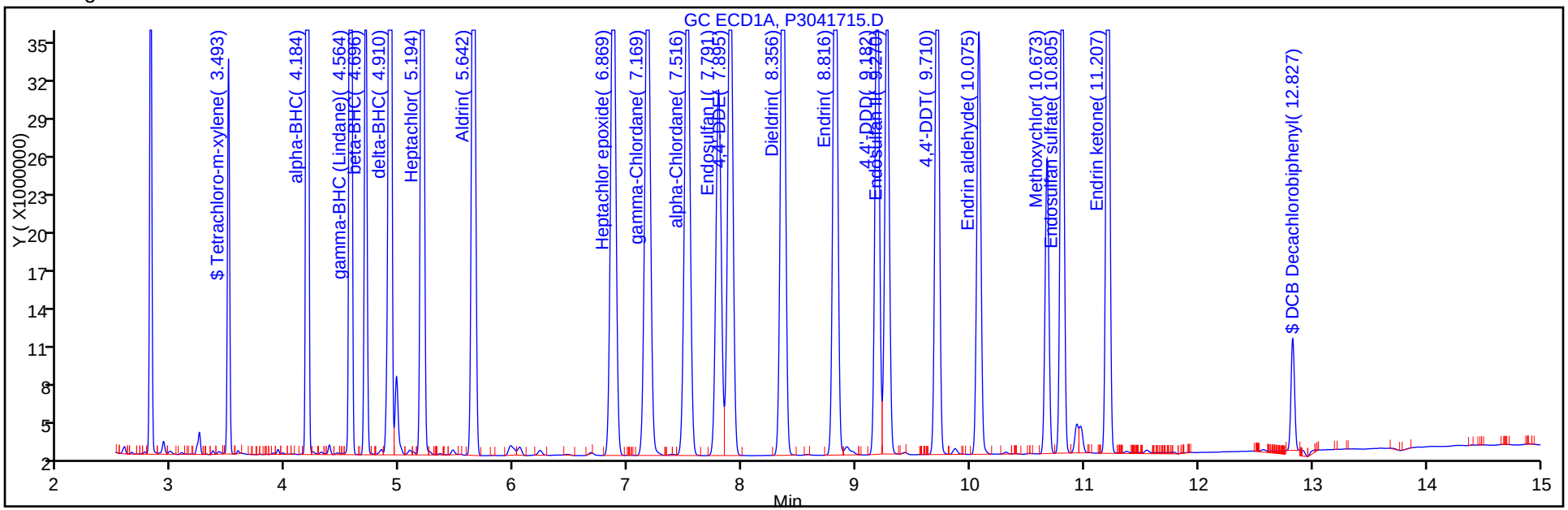
Report Date: 18-Apr-2013 09:20:07 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

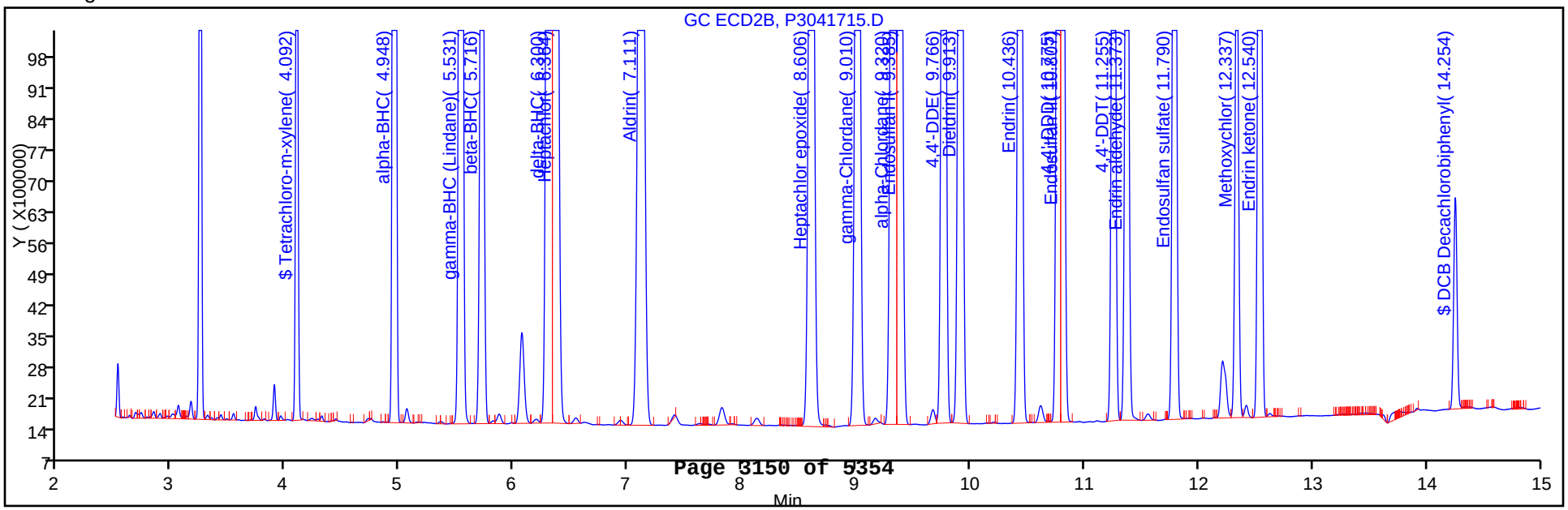
Data File: \\NCChrom\ChromData\A2HP3\20130417-18976.b\P3041715.D

Injection Date:	17-Apr-2013 19:37:33	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82389	Lims Sample ID:	13
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-80978/18-A

Matrix: Solid | Lab File ID: P3041627.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 04/08/2013 11:01

Sample wt/vol: 30.00(g) | Date Analyzed: 04/16/2013 21:01

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.: 82129 | 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	29.0		1.7	0.67	0.39
50-29-3	4,4'-DDT	38.1		2.0	0.67	0.63
309-00-2	Aldrin	25.4		4.0	1.3	1.2
319-84-6	alpha-BHC	33.1		2.5	1.3	0.73
5103-71-9	alpha-Chlordane	28.8		3.0	1.3	0.94
319-85-7	beta-BHC	31.5		3.5	1.3	1.1
319-86-8	delta-BHC	34.1		4.0	1.3	1.2
60-57-1	Dieldrin	33.1		1.7	0.67	0.47
959-98-8	Endosulfan I	20.2		1.7	0.67	0.52
33213-65-9	Endosulfan II	27.4		2.5	1.3	0.82
1031-07-8	Endosulfan sulfate	32.8		3.0	1.3	0.87
72-20-8	Endrin	33.8		1.7	0.67	0.50
7421-93-4	Endrin aldehyde	29.4		3.0	1.3	1.0
53494-70-5	Endrin ketone	31.1		2.0	0.67	0.63
58-89-9	gamma-BHC (Lindane)	33.7		2.5	1.3	0.74
5103-74-2	gamma-Chlordane	32.7		1.7	0.67	0.42
76-44-8	Heptachlor	36.1		3.5	1.3	1.1
1024-57-3	Heptachlor epoxide	32.5		2.5	1.3	0.80
72-43-5	Methoxychlor	36.7		5.0	3.3	1.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	109		55-130
877-09-8	Tetrachloro-m-xylene	119		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041627.D
Lims ID: LCS 240-80978/18-A Client ID:
Inject. Date: 16-Apr-2013 21:01:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0018914-027
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 27
Lims Batch ID: 82129 Lims Sample ID: 27
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130416-18914.b\PEST3.m
Last Update: 17-Apr-2013 10:53:01 Calib Date: 16-Apr-2013 14:58:16
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.496	3.495	0.001	26125921	0.0237			
2	100	4.097	4.093	0.004	29861712	0.0494			
						RPD = 70.22			
5 alpha-BHC									
1	100	4.187	4.185	0.002	161137582	0.0992			
2	100	4.949	4.949	0.000	90861003	0.1180			
						RPD = 17.28			
20 gamma-BHC (Lindane)									
1	100	4.567	4.566	0.001	146909080	0.1010			
2	100	5.532	5.533	-0.001	80314683	0.1186			
						RPD = 16.09			
7 beta-BHC									
1	100	4.699	4.698	0.001	58491928	0.0946			
2	100	5.717	5.718	-0.001	32390545	0.1095			
						RPD = 14.66			
11 delta-BHC									
1	100	4.912	4.913	-0.001	151541808	0.1024			
2	100	6.302	6.302	0.000	67454629	0.0970			
						RPD = 5.43			
22 Heptachlor									
1	100	5.197	5.196	0.001	139416976	0.1082			
2	100	6.366	6.364	0.002	60457474	0.1037			
						RPD = 4.28			
4 Aldrin									
1	100	5.647	5.645	0.002	103444012	0.0761			
2	100	7.113	7.113	0.000	72994848	0.1096			
						RPD = 36.12			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.872	6.871	0.001	120013864	0.0976			
2	100	8.607	8.607	0.000	67443534	0.1160			
						RPD = 17.27			
21 gamma-Chlordane									
1	100	7.172	7.173	-0.001	124070380	0.0982			
2	100	9.012	9.012	0.000	63618810	0.1085			
						RPD = 9.93			
6 alpha-Chlordane									
1	100	7.522	7.521	0.001	111260199	0.0863			
2	100	9.321	9.319	0.002	64074932	0.1050			
						RPD = 19.57			
14 Endosulfan I									
1	100	7.796	7.797	-0.001	69979979	0.0607			
2	100	9.387	9.387	0.000	48102724	0.0905			
						RPD = 39.43			
2 4,4'-DDE									
1	100	7.899	7.898	0.001	110113982	0.0869			
2	100	9.767	9.768	-0.001	64178247	0.1052			
						RPD = 19.04			
13 Dieldrin									
1	100	8.362	8.360	0.002	125918774	0.0993			
2	100	9.914	9.913	0.001	65754521	0.1106			
						RPD = 10.82			
17 Endrin									
1	100	8.819	8.822	-0.003	120579347	0.1014			
2	100	10.437	10.436	0.001	62012074	0.1157			
						RPD = 13.21			
1 4,4'-DDD									
1	100	9.187	9.188	-0.001	98694913	0.1017			
2	100	10.775	10.775	0.000	53098593	0.1242			
						RPD = 19.90			
15 Endosulfan II									
1	100	9.273	9.273	0.000	89961651	0.0822			
2	100	10.807	10.808	-0.001	45116630	0.0929			
						RPD = 12.27			
3 4,4'-DDT									
1	100	9.711	9.711	0.000	105507580	0.1144			
2	100	11.256	11.256	0.000	46278635	0.1170			
						RPD = 2.24			
18 Endrin aldehyde									
1	100	10.077	10.078	-0.001	77608365	0.0881			
2	100	11.373	11.373	0.000	40841970	0.1034			
						RPD = 15.93			
27 Methoxychlor									
1	100	10.674	10.675	-0.001	50780396	0.1101			
2	100	12.337	12.338	-0.001	22571750	0.1131			
						RPD = 2.76			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.807	10.808	-0.001	96418048	0.0983			
2	100	11.791	11.792	-0.001	49079210	0.1110			
						RPD = 12.14			
19 Endrin ketone									
1	100	11.207	11.208	-0.001	106648984	0.0932			
2	100	12.539	12.540	-0.001	54213253	0.1081			
						RPD = 14.83			
$ 10 DCB Decachlorobiphenyl									
1	100	12.829	12.830	-0.001	20922940	0.0218			
2	100	14.255	14.256	-0.001	9204483	0.0191			
						RPD = 12.90			

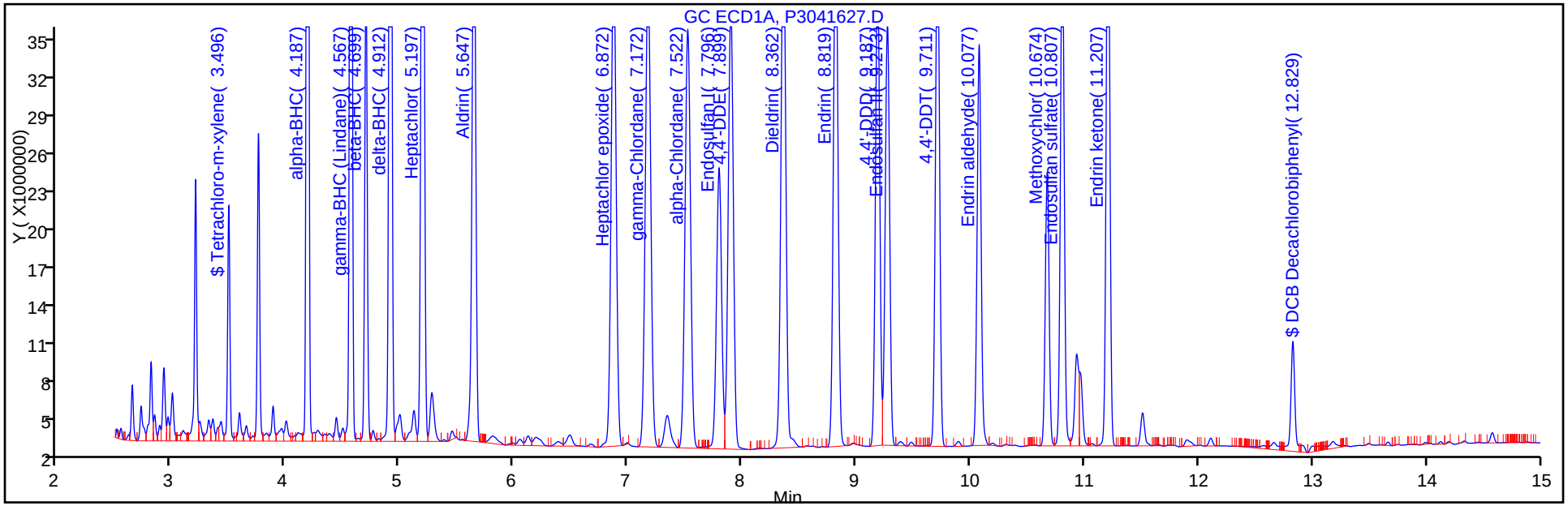
Report Date: 17-Apr-2013 10:53:11 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

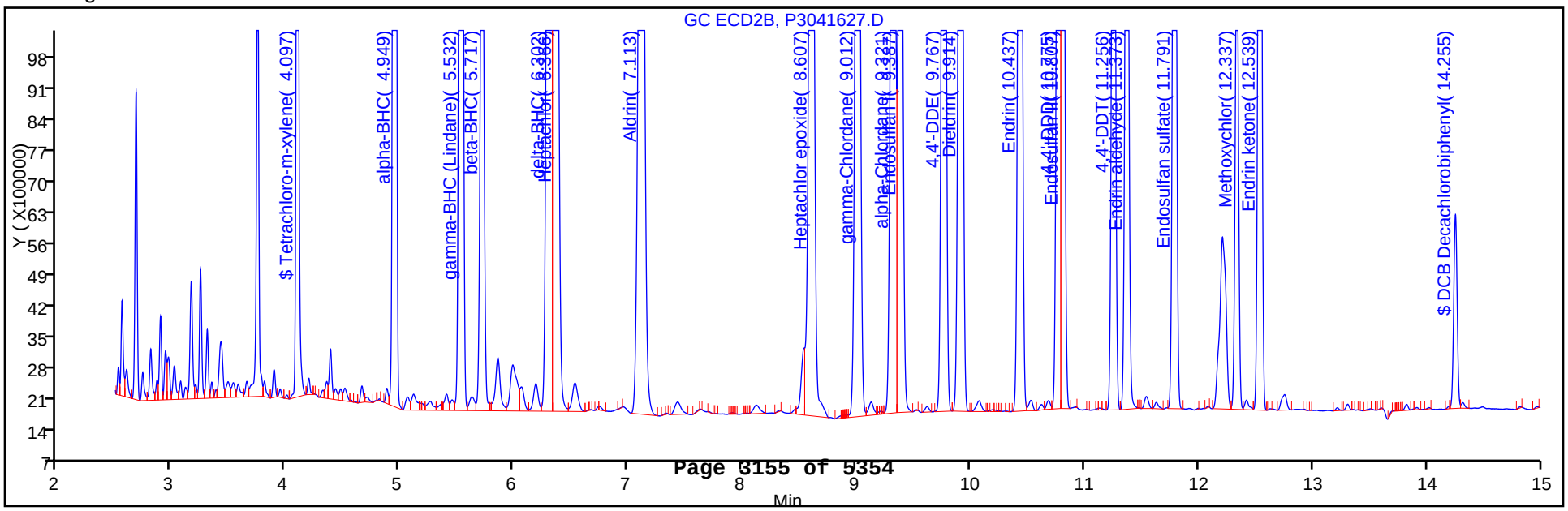
Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041627.D

Injection Date:	16-Apr-2013 21:01:30	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82129	Lims Sample ID:	27
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-80978/18-A

Matrix: Solid | Lab File ID: P3041627.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 04/08/2013 11:01

Sample wt/vol: 30.00(g) | Date Analyzed: 04/16/2013 21:01

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.: 82129 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	96		55-130
877-09-8	Tetrachloro-m-xylene	247	Q	70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041627.D
Lims ID: LCS 240-80978/18-A Client ID:
Inject. Date: 16-Apr-2013 21:01:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0018914-027
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 27
Lims Batch ID: 82129 Lims Sample ID: 27
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130416-18914.b\PEST3.m
Last Update: 17-Apr-2013 10:53:01 Calib Date: 16-Apr-2013 14:58:16
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.496	3.495	0.001	26125921	0.0237			
2	100	4.097	4.093	0.004	29861712	0.0494			
						RPD = 70.22			
5 alpha-BHC									
1	100	4.187	4.185	0.002	161137582	0.0992			
2	100	4.949	4.949	0.000	90861003	0.1180			
						RPD = 17.28			
20 gamma-BHC (Lindane)									
1	100	4.567	4.566	0.001	146909080	0.1010			
2	100	5.532	5.533	-0.001	80314683	0.1186			
						RPD = 16.09			
7 beta-BHC									
1	100	4.699	4.698	0.001	58491928	0.0946			
2	100	5.717	5.718	-0.001	32390545	0.1095			
						RPD = 14.66			
11 delta-BHC									
1	100	4.912	4.913	-0.001	151541808	0.1024			
2	100	6.302	6.302	0.000	67454629	0.0970			
						RPD = 5.43			
22 Heptachlor									
1	100	5.197	5.196	0.001	139416976	0.1082			
2	100	6.366	6.364	0.002	60457474	0.1037			
						RPD = 4.28			
4 Aldrin									
1	100	5.647	5.645	0.002	103444012	0.0761			
2	100	7.113	7.113	0.000	72994848	0.1096			
						RPD = 36.12			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.872	6.871	0.001	120013864	0.0976			
2	100	8.607	8.607	0.000	67443534	0.1160			
						RPD = 17.27			
21 gamma-Chlordane									
1	100	7.172	7.173	-0.001	124070380	0.0982			
2	100	9.012	9.012	0.000	63618810	0.1085			
						RPD = 9.93			
6 alpha-Chlordane									
1	100	7.522	7.521	0.001	111260199	0.0863			
2	100	9.321	9.319	0.002	64074932	0.1050			
						RPD = 19.57			
14 Endosulfan I									
1	100	7.796	7.797	-0.001	69979979	0.0607			
2	100	9.387	9.387	0.000	48102724	0.0905			
						RPD = 39.43			
2 4,4'-DDE									
1	100	7.899	7.898	0.001	110113982	0.0869			
2	100	9.767	9.768	-0.001	64178247	0.1052			
						RPD = 19.04			
13 Dieldrin									
1	100	8.362	8.360	0.002	125918774	0.0993			
2	100	9.914	9.913	0.001	65754521	0.1106			
						RPD = 10.82			
17 Endrin									
1	100	8.819	8.822	-0.003	120579347	0.1014			
2	100	10.437	10.436	0.001	62012074	0.1157			
						RPD = 13.21			
1 4,4'-DDD									
1	100	9.187	9.188	-0.001	98694913	0.1017			
2	100	10.775	10.775	0.000	53098593	0.1242			
						RPD = 19.90			
15 Endosulfan II									
1	100	9.273	9.273	0.000	89961651	0.0822			
2	100	10.807	10.808	-0.001	45116630	0.0929			
						RPD = 12.27			
3 4,4'-DDT									
1	100	9.711	9.711	0.000	105507580	0.1144			
2	100	11.256	11.256	0.000	46278635	0.1170			
						RPD = 2.24			
18 Endrin aldehyde									
1	100	10.077	10.078	-0.001	77608365	0.0881			
2	100	11.373	11.373	0.000	40841970	0.1034			
						RPD = 15.93			
27 Methoxychlor									
1	100	10.674	10.675	-0.001	50780396	0.1101			
2	100	12.337	12.338	-0.001	22571750	0.1131			
						RPD = 2.76			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.807	10.808	-0.001	96418048	0.0983			
2	100	11.791	11.792	-0.001	49079210	0.1110			
						RPD = 12.14			
19 Endrin ketone									
1	100	11.207	11.208	-0.001	106648984	0.0932			
2	100	12.539	12.540	-0.001	54213253	0.1081			
						RPD = 14.83			
$ 10 DCB Decachlorobiphenyl									
1	100	12.829	12.830	-0.001	20922940	0.0218			
2	100	14.255	14.256	-0.001	9204483	0.0191			
						RPD = 12.90			

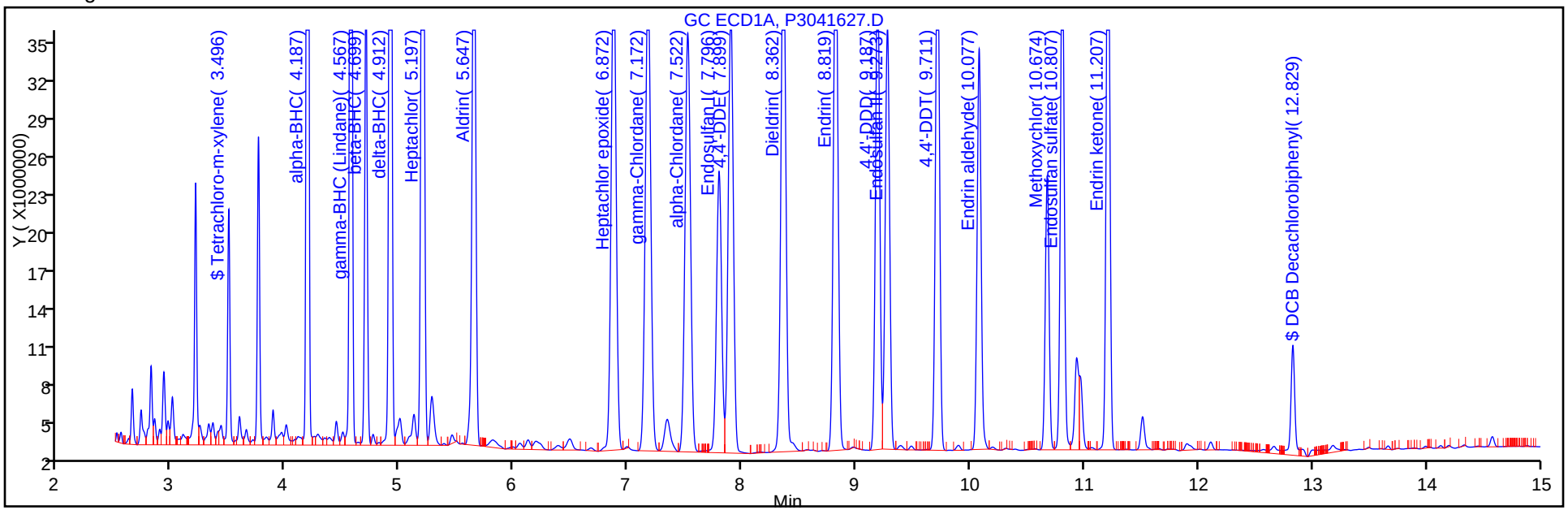
Report Date: 17-Apr-2013 10:53:11 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

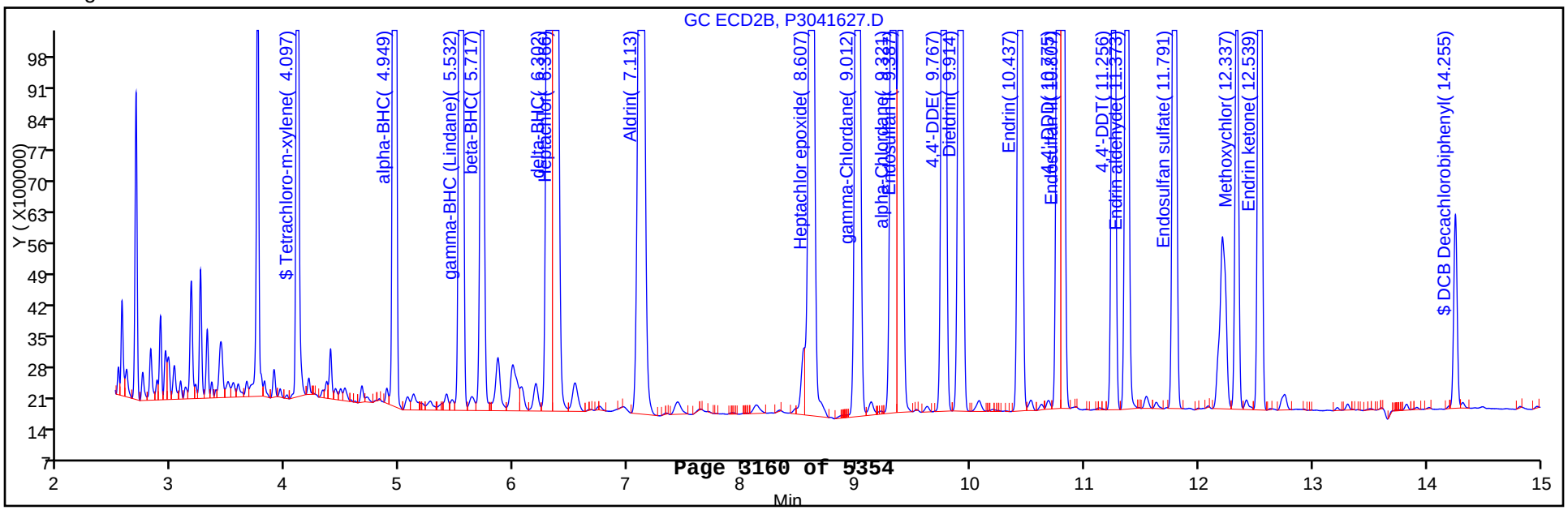
Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041627.D

Injection Date:	16-Apr-2013 21:01:30	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82129	Lims Sample ID:	27
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-82127/5-A

Matrix: Solid | Lab File ID: P3041720.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 04/16/2013 11:34

Sample wt/vol: 30.00(g) | Date Analyzed: 04/17/2013 21:18

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.: 82389 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	26.0		2.0	0.67	0.62
50-29-3	4,4'-DDT	27.9		2.0	0.67	0.63
309-00-2	Aldrin	18.6		4.0	1.3	1.2
319-84-6	alpha-BHC	24.8		2.5	1.3	0.73
5103-71-9	alpha-Chlordane	22.5		3.0	1.3	0.94
319-85-7	beta-BHC	24.2		3.5	1.3	1.1
319-86-8	delta-BHC	25.5		4.0	1.3	1.2
60-57-1	Dieldrin	24.6		1.7	0.67	0.47
959-98-8	Endosulfan I	14.9		1.7	0.67	0.52
33213-65-9	Endosulfan II	20.0		2.5	1.3	0.82
1031-07-8	Endosulfan sulfate	24.6		3.0	1.3	0.87
72-20-8	Endrin	25.6		1.7	0.67	0.50
7421-93-4	Endrin aldehyde	23.7		3.0	1.3	1.0
53494-70-5	Endrin ketone	23.5		2.0	0.67	0.63
58-89-9	gamma-BHC (Lindane)	25.5		2.5	1.3	0.74
5103-74-2	gamma-Chlordane	24.6		1.7	0.67	0.42
76-44-8	Heptachlor	27.3		3.5	1.3	1.1
1024-57-3	Heptachlor epoxide	24.9		2.5	1.3	0.80
72-43-5	Methoxychlor	27.3		5.0	3.3	1.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	84		55-130
877-09-8	Tetrachloro-m-xylene	98		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130417-18976.b\P3041720.D
Lims ID: LCS 240-82127/5-A
Client ID:
Inject. Date: 17-Apr-2013 21:18:26
Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0018976-045
Misc. Info.:
Operator: 402582
Instrument ID: A2HP3
Injection Vol: 1.0 ul
ALS Bottle#: 45
Lims Batch ID: 82389
Lims Sample ID: 45
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130417-18976.b\PEST3.m
Last Update: 18-Apr-2013 09:19:59
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: XAWRK031

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.495	3.494	0.001	21580542	0.0196			
2	100	4.094	4.094	0.000	10447037	0.0173			
						RPD = 12.56			
5 alpha-BHC									
1	100	4.186	4.184	0.002	121005542	0.0745			
2	100	4.949	4.951	-0.002	68345632	0.0888			
						RPD = 17.45			
20 gamma-BHC (Lindane)									
1	100	4.566	4.564	0.002	111117138	0.0764			
2	100	5.532	5.535	-0.003	57782052	0.0853			
						RPD = 11.11			
7 beta-BHC									
1	100	4.698	4.696	0.002	44878704	0.0726			
2	100	5.717	5.720	-0.003	24499920	0.0829			
						RPD = 13.24			
11 delta-BHC									
1	100	4.913	4.911	0.002	113196529	0.0765			
2	100	6.301	6.305	-0.004	50385781	0.0724			
						RPD = 5.43			
22 Heptachlor									
1	100	5.195	5.193	0.002	105375611	0.0818			
2	100	6.363	6.367	-0.004	48241296	0.0828			
						RPD = 1.14			
4 Aldrin									
1	100	5.645	5.642	0.003	75923877	0.0558			
2	100	7.111	7.115	-0.004	54333715	0.0816			
						RPD = 37.47			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.868	6.867	0.001	91851972	0.0747			
2	100	8.605	8.608	-0.003	48392162	0.0832			
						RPD = 10.85			
21 gamma-Chlordane									
1	100	7.170	7.169	0.001	93350746	0.0739			
2	100	9.008	9.014	-0.006	48107873	0.0820			
						RPD = 10.43			
6 alpha-Chlordane									
1	100	7.519	7.515	0.004	87243903	0.0676			
2	100	9.318	9.322	-0.004	47916230	0.0785			
						RPD = 14.86			
14 Endosulfan I									
1	100	7.795	7.793	0.002	51627911	0.0448			
2	100	9.384	9.388	-0.004	35615292	0.0670			
						RPD = 39.78			
2 4,4'-DDE									
1	100	7.896	7.895	0.001	82752026	0.0653			
2	100	9.764	9.769	-0.005	47684575	0.0782			
						RPD = 17.91			
13 Dieldrin									
1	100	8.357	8.356	0.001	93593663	0.0738			
2	100	9.912	9.915	-0.003	49352799	0.0830			
						RPD = 11.79			
17 Endrin									
1	100	8.819	8.815	0.004	91408411	0.0769			
2	100	10.434	10.437	-0.003	46562865	0.0869			
						RPD = 12.25			
1 4,4'-DDD									
1	100	9.183	9.182	0.001	75672703	0.0780			
2	100	10.773	10.777	-0.004	39434075	0.0922			
						RPD = 16.74			
15 Endosulfan II									
1	100	9.269	9.270	-0.001	65773645	0.0601			
2	100	10.805	10.809	-0.004	35015179	0.0721			
						RPD = 18.21			
3 4,4'-DDT									
1	100	9.709	9.708	0.001	77315269	0.0838			
2	100	11.255	11.257	-0.002	34719504	0.0878			
						RPD = 4.59			
18 Endrin aldehyde									
1	100	10.074	10.072	0.002	62720654	0.0712			
2	100	11.371	11.375	-0.004	32691679	0.0827			
						RPD = 14.98			
27 Methoxychlor									
1	100	10.671	10.670	0.001	37724662	0.0818			
2	100	12.336	12.339	-0.003	17216508	0.0863			
						RPD = 5.39			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.805	10.804	0.001	72380973	0.0738			
2	100	11.788	11.792	-0.004	37340584	0.0844			
						RPD = 13.47			
19 Endrin ketone									
1	100	11.206	11.204	0.002	80706821	0.0705			
2	100	12.538	12.541	-0.003	41345464	0.0824			
						RPD = 15.60			
$ 10 DCB Decachlorobiphenyl									
1	100	12.827	12.826	0.001	16204999	0.0169			
2	100	14.253	14.256	-0.003	6760069	0.0141			
						RPD = 18.18			

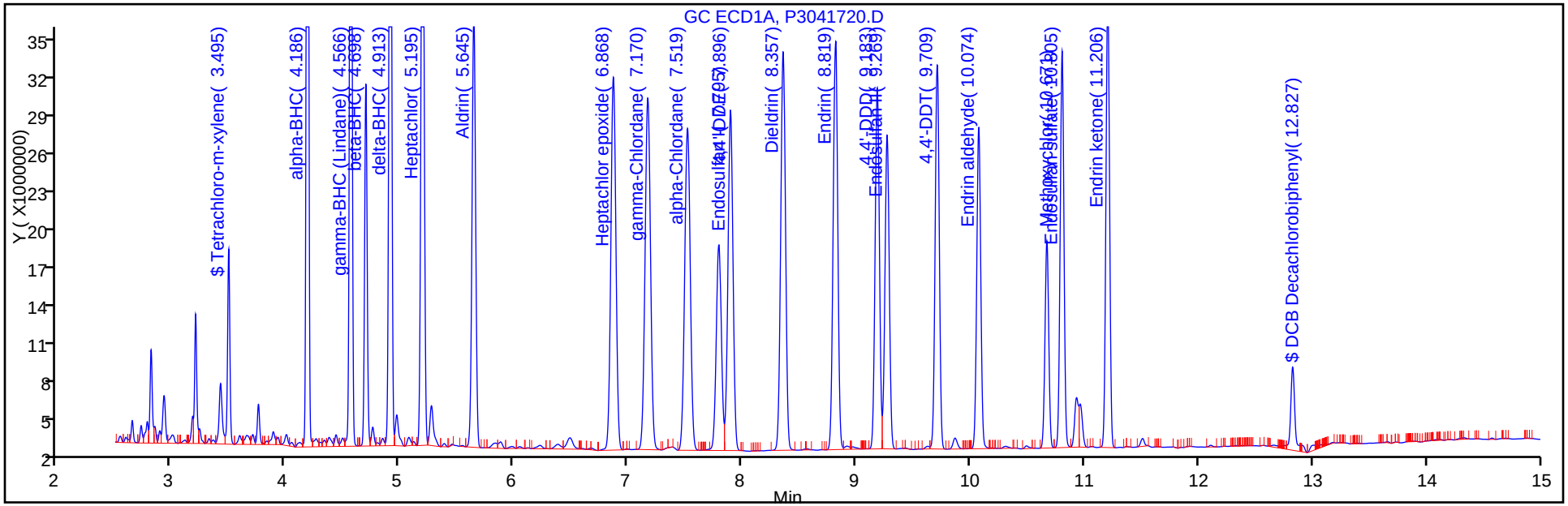
Report Date: 18-Apr-2013 09:20:01 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

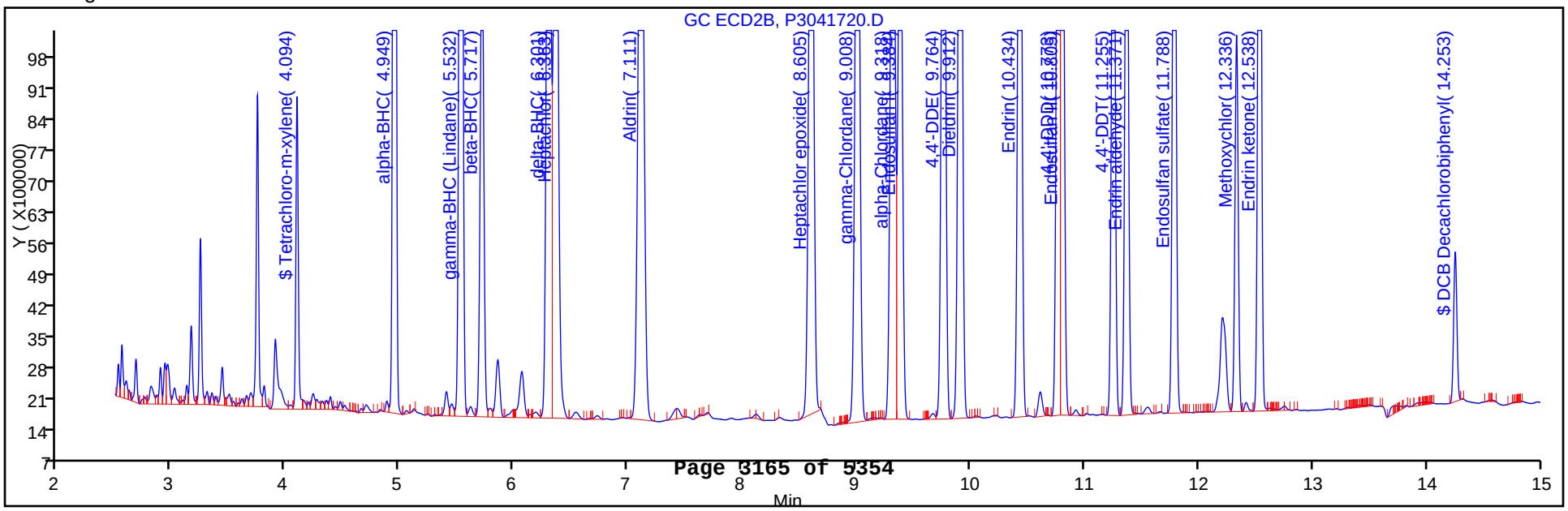
Data File: \\NCChrom\ChromData\A2HP3\20130417-18976.b\P3041720.D

Injection Date:	17-Apr-2013 21:18:26	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82389	Lims Sample ID:	45
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.: 240-22648-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-82127/5-A

Matrix: Solid | Lab File ID: P3041720.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 04/16/2013 11:34

Sample wt/vol: 30.00(g) | Date Analyzed: 04/17/2013 21:18

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.: 82389 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-55-9	4,4'-DDE	26.1		1.7	0.67	0.39

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	70		55-130
877-09-8	Tetrachloro-m-xylene	86		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130417-18976.b\P3041720.D
Lims ID: LCS 240-82127/5-A
Client ID:
Inject. Date: 17-Apr-2013 21:18:26
Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0018976-045
Misc. Info.:
Operator: 402582
Instrument ID: A2HP3
Injection Vol: 1.0 ul
ALS Bottle#: 45
Lims Batch ID: 82389
Lims Sample ID: 45
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130417-18976.b\PEST3.m
Last Update: 18-Apr-2013 09:19:59
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: XAWRK031

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.495	3.494	0.001	21580542	0.0196			
2	100	4.094	4.094	0.000	10447037	0.0173			
						RPD = 12.56			
5 alpha-BHC									
1	100	4.186	4.184	0.002	121005542	0.0745			
2	100	4.949	4.951	-0.002	68345632	0.0888			
						RPD = 17.45			
20 gamma-BHC (Lindane)									
1	100	4.566	4.564	0.002	111117138	0.0764			
2	100	5.532	5.535	-0.003	57782052	0.0853			
						RPD = 11.11			
7 beta-BHC									
1	100	4.698	4.696	0.002	44878704	0.0726			
2	100	5.717	5.720	-0.003	24499920	0.0829			
						RPD = 13.24			
11 delta-BHC									
1	100	4.913	4.911	0.002	113196529	0.0765			
2	100	6.301	6.305	-0.004	50385781	0.0724			
						RPD = 5.43			
22 Heptachlor									
1	100	5.195	5.193	0.002	105375611	0.0818			
2	100	6.363	6.367	-0.004	48241296	0.0828			
						RPD = 1.14			
4 Aldrin									
1	100	5.645	5.642	0.003	75923877	0.0558			
2	100	7.111	7.115	-0.004	54333715	0.0816			
						RPD = 37.47			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.868	6.867	0.001	91851972	0.0747			
2	100	8.605	8.608	-0.003	48392162	0.0832			
						RPD = 10.85			
21 gamma-Chlordane									
1	100	7.170	7.169	0.001	93350746	0.0739			
2	100	9.008	9.014	-0.006	48107873	0.0820			
						RPD = 10.43			
6 alpha-Chlordane									
1	100	7.519	7.515	0.004	87243903	0.0676			
2	100	9.318	9.322	-0.004	47916230	0.0785			
						RPD = 14.86			
14 Endosulfan I									
1	100	7.795	7.793	0.002	51627911	0.0448			
2	100	9.384	9.388	-0.004	35615292	0.0670			
						RPD = 39.78			
2 4,4'-DDE									
1	100	7.896	7.895	0.001	82752026	0.0653			
2	100	9.764	9.769	-0.005	47684575	0.0782			
						RPD = 17.91			
13 Dieldrin									
1	100	8.357	8.356	0.001	93593663	0.0738			
2	100	9.912	9.915	-0.003	49352799	0.0830			
						RPD = 11.79			
17 Endrin									
1	100	8.819	8.815	0.004	91408411	0.0769			
2	100	10.434	10.437	-0.003	46562865	0.0869			
						RPD = 12.25			
1 4,4'-DDD									
1	100	9.183	9.182	0.001	75672703	0.0780			
2	100	10.773	10.777	-0.004	39434075	0.0922			
						RPD = 16.74			
15 Endosulfan II									
1	100	9.269	9.270	-0.001	65773645	0.0601			
2	100	10.805	10.809	-0.004	35015179	0.0721			
						RPD = 18.21			
3 4,4'-DDT									
1	100	9.709	9.708	0.001	77315269	0.0838			
2	100	11.255	11.257	-0.002	34719504	0.0878			
						RPD = 4.59			
18 Endrin aldehyde									
1	100	10.074	10.072	0.002	62720654	0.0712			
2	100	11.371	11.375	-0.004	32691679	0.0827			
						RPD = 14.98			
27 Methoxychlor									
1	100	10.671	10.670	0.001	37724662	0.0818			
2	100	12.336	12.339	-0.003	17216508	0.0863			
						RPD = 5.39			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.805	10.804	0.001	72380973	0.0738			
2	100	11.788	11.792	-0.004	37340584	0.0844			
						RPD = 13.47			
19 Endrin ketone									
1	100	11.206	11.204	0.002	80706821	0.0705			
2	100	12.538	12.541	-0.003	41345464	0.0824			
						RPD = 15.60			
$ 10 DCB Decachlorobiphenyl									
1	100	12.827	12.826	0.001	16204999	0.0169			
2	100	14.253	14.256	-0.003	6760069	0.0141			
						RPD = 18.18			

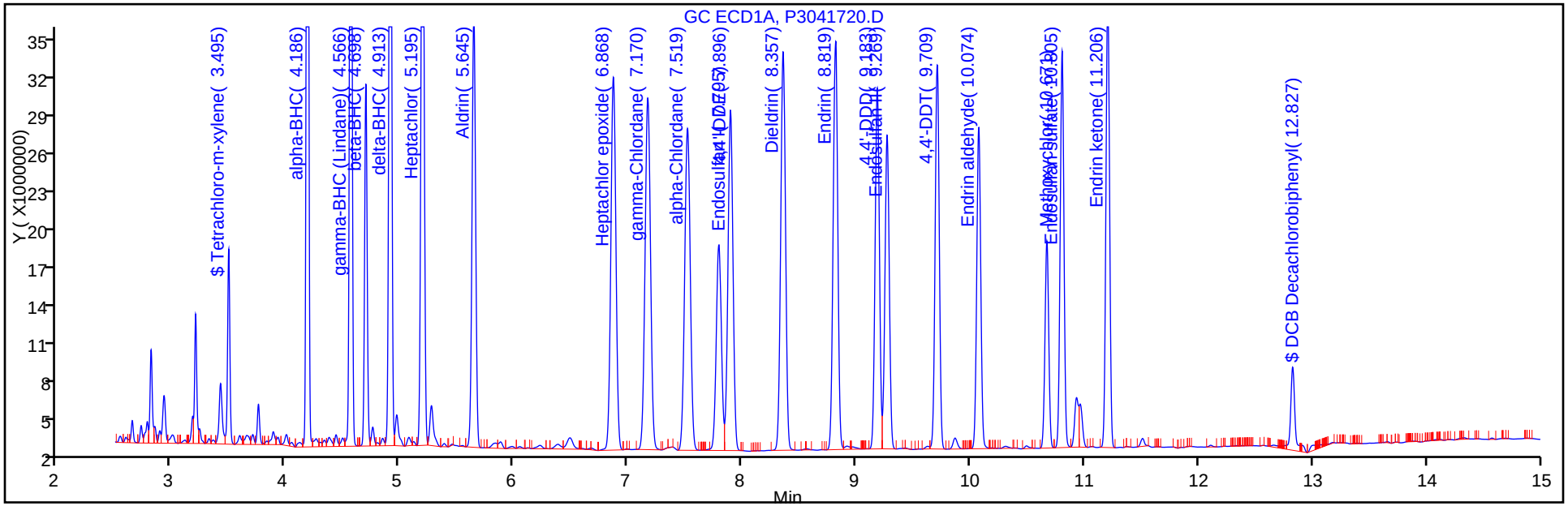
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TestAmerica Canton

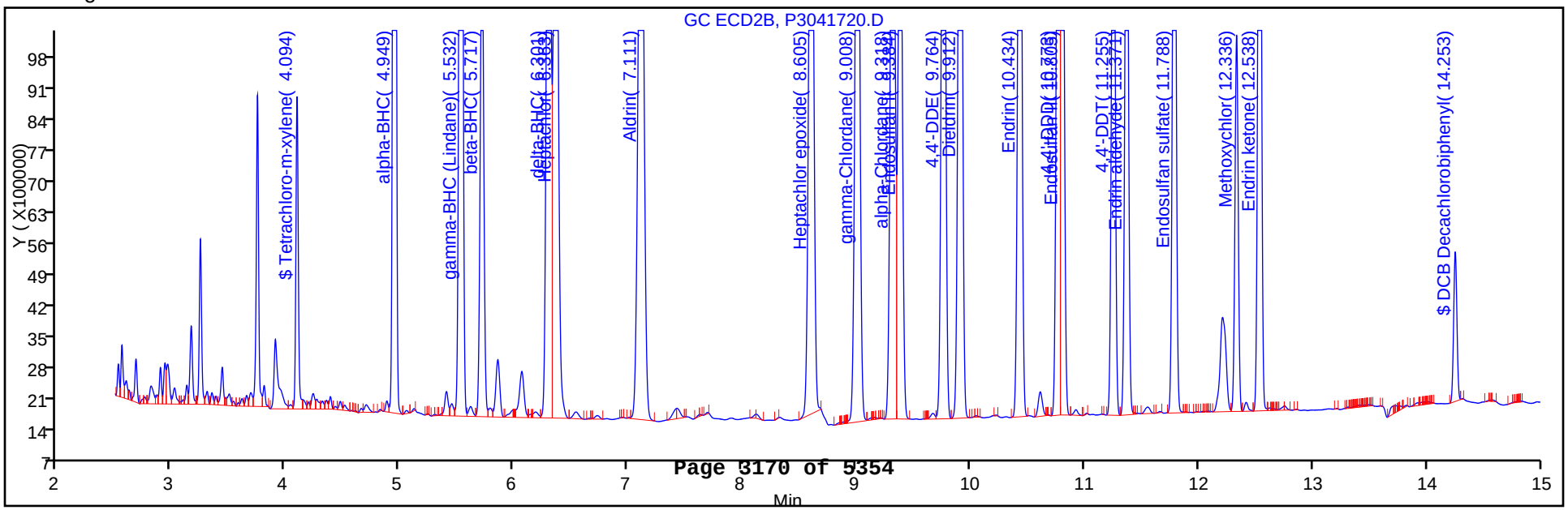
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Injection Date:	17-Apr-2013 21:18:26	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82389	Lims Sample ID:	45
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-22648-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-82129/14

Matrix: Solid | Lab File ID: P3041614.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/16/2013 16:39

Con. Extract Vol.: | Dilution Factor: 1

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

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

Analysis Batch No.: 82129 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.00555		0.0050	0.0010	0.00096
72-55-9	4,4'-DDE	0.00497	J	0.0050	0.0010	0.00097
50-29-3	4,4'-DDT	0.00522		0.0050	0.0030	0.0016
309-00-2	Aldrin	0.00497	J	0.0050	0.0010	0.00082
319-84-6	alpha-BHC	0.00486	J	0.0050	0.0010	0.00070
5103-71-9	alpha-Chlordane	0.00540		0.0050	0.0010	0.0014
319-85-7	beta-BHC	0.00568		0.0050	0.0010	0.00084
319-86-8	delta-BHC	0.00497	J	0.0050	0.0010	0.00087
60-57-1	Dieldrin	0.00525		0.0050	0.0010	0.00075
959-98-8	Endosulfan I	0.00555		0.0050	0.0010	0.0013
33213-65-9	Endosulfan II	0.00556		0.0050	0.0010	0.0012
1031-07-8	Endosulfan sulfate	0.00566		0.0050	0.0010	0.0011
72-20-8	Endrin	0.00556		0.0050	0.0010	0.0011
7421-93-4	Endrin aldehyde	0.00570		0.0050	0.0010	0.0011
53494-70-5	Endrin ketone	0.00559		0.0050	0.0010	0.00078
58-89-9	gamma-BHC (Lindane)	0.00498	J	0.0050	0.0010	0.00064
5103-74-2	gamma-Chlordane	0.00522		0.0050	0.0010	0.0012
76-44-8	Heptachlor	0.00578		0.0050	0.0010	0.00080
1024-57-3	Heptachlor epoxide	0.00544		0.0050	0.0010	0.00071
72-43-5	Methoxychlor	0.00682	J ^	0.010	0.0030	0.0032

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	121		50-150
877-09-8	Tetrachloro-m-xylene	98		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041614.D
Lims ID: MRL Client ID:
Inject. Date: 16-Apr-2013 16:39:19 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0018914-014
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 14
Lims Batch ID: 82129 Lims Sample ID: 14
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

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

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.496	3.494	0.002	5402246	0.004910			
2	100	4.094	4.093	0.001	2775098	0.004595			
						RPD = 6.64			
12 Diallate									1
1	100		3.757						
1	2		4.066						
2	100		4.337						
2	2		4.674						
24 Hexachlorobenzene									
1	100		3.967						
2	100		4.710						
5 alpha-BHC									
1	100	4.186	4.184	0.002	7891069	0.004860			
2	100	4.951	4.949	0.002	3880126	0.005040			
						RPD = 3.63			
20 gamma-BHC (Lindane)									
1	100	4.567	4.564	0.003	7244625	0.004978			
2	100	5.534	5.532	0.002	3618072	0.005344			
						RPD = 7.08			
7 beta-BHC									
1	100	4.699	4.697	0.002	3511951	0.005678			
2	100	5.719	5.717	0.002	1867149	0.006314			
						RPD = 10.60			
11 delta-BHC									
1	100	4.913	4.911	0.002	7357228	0.004970			
2	100	6.303	6.301	0.002	3735969	0.005371			
						RPD = 7.74			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									1
1	100		5.081						
1	2		5.938						
1	3		7.171						
1	4		7.514						
2	100		6.061						
2	2		7.632						
2	3		9.010						
2	4		9.320						
22 Heptachlor									
1	100	5.197	5.194	0.003	7439570	0.005776			
2	100	6.367	6.364	0.003	3395566	0.005825			
						RPD = 0.84			
4 Aldrin									
1	100	5.646	5.644	0.002	6762907	0.004973			
2	100	7.115	7.112	0.003	3432472	0.005153			
						RPD = 3.56			
25 Isodrin									
1	100		6.228						
2	100		8.128						
23 Heptachlor epoxide									
1	100	6.873	6.869	0.004	6685140	0.005435			
2	100	8.607	8.605	0.002	3297091	0.005672			
						RPD = 4.26			
21 gamma-Chlordane									
1	100	7.175	7.170	0.005	6592295	0.005218			
2	100	9.013	9.010	0.003	3237568	0.005519			
						RPD = 5.62			
6 alpha-Chlordane									
1	100	7.522	7.517	0.005	6963852	0.005400			
2	100	9.322	9.319	0.003	3335670	0.005465			
						RPD = 1.21			
14 Endosulfan I									
1	100	7.797	7.794	0.003	6395891	0.005549			
2	100	9.389	9.386	0.003	3033069	0.005708			
						RPD = 2.83			
2 4,4'-DDE									
1	100	7.902	7.894	0.008	6289093	0.004966			
2	100	9.768	9.765	0.003	2989941	0.004903			
						RPD = 1.28			
28 Mirex									
1	100		8.279						
2	100		9.197						
13 Dieldrin									
1	100	8.362	8.357	0.005	6656923	0.005248			
2	100	9.916	9.913	0.003	3111645	0.005235			
						RPD = 0.25			
17 Endrin									
1	100	8.821	8.817	0.004	6613328	0.005561			
2	100	10.437	10.435	0.002	3040054	0.005674			
						RPD = 2.03			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									
1	100		8.886						
2	100		10.595						
1 4,4'-DDD									
1	100	9.188	9.184	0.004	5390021	0.005555			
2	100	10.777	10.774	0.003	2396308	0.005605			
						RPD = 0.89			
15 Endosulfan II									
1	100	9.274	9.269	0.005	6088337	0.005562			
2	100	10.808	10.808	0.000	2902635	0.005979			
						RPD = 7.22			
9 Chlorobenzilate									1
1	100		9.289						
2	100		10.597						
3 4,4'-DDT									
1	100	9.716	9.710	0.006	4817917	0.005224			
2	100	11.257	11.256	0.001	2015021	0.005094			
						RPD = 2.52			
18 Endrin aldehyde									
1	100	10.080	10.074	0.006	5017800	0.005698			
2	100	11.375	11.372	0.003	2436766	0.006168			
						RPD = 7.93			
30 Toxaphene									1
1	1		10.265						
1	2		10.611						
1	3		10.765						
1	4		11.181						
1	5		11.449						
2	100		10.363						
2	2		10.955						
2	3		11.376						
2	4		12.119						
2	5		12.679						
27 Methoxychlor									
1	100	10.676	10.672	0.004	3146315	0.006819			
2	100	12.339	12.337	0.002	1279094	0.006411			
						RPD = 6.17			
16 Endosulfan sulfate									
1	100	10.809	10.805	0.004	5554902	0.005662			
2	100	11.793	11.791	0.002	2638035	0.005965			
						RPD = 5.21			
19 Endrin ketone									
1	100	11.211	11.206	0.005	6401417	0.005592			
2	100	12.542	12.539	0.003	2956510	0.005895			
						RPD = 5.26			
$ 10 DCB Decachlorobiphenyl									
1	100	12.832	12.827	0.005	5798343	0.006038			
2	100	14.257	14.254	0.003	2975602	0.006190			
						RPD = 2.48			

QC Flag Legend

Processing Flags
1 - Missing Peaks

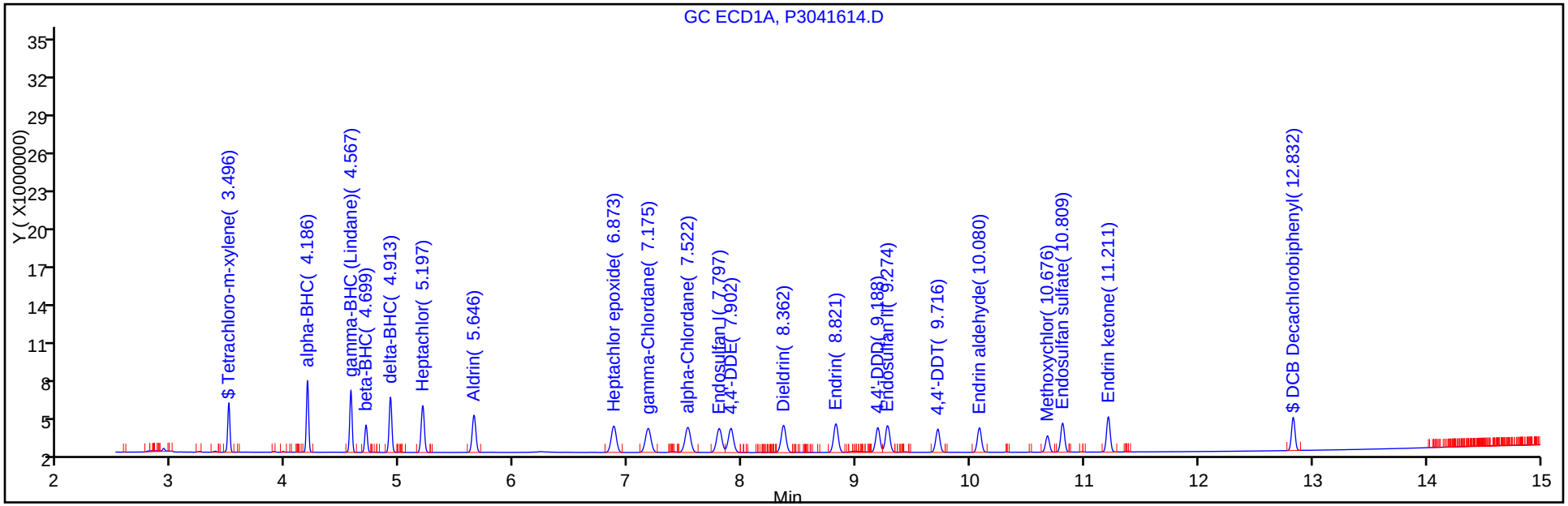
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TestAmerica Canton

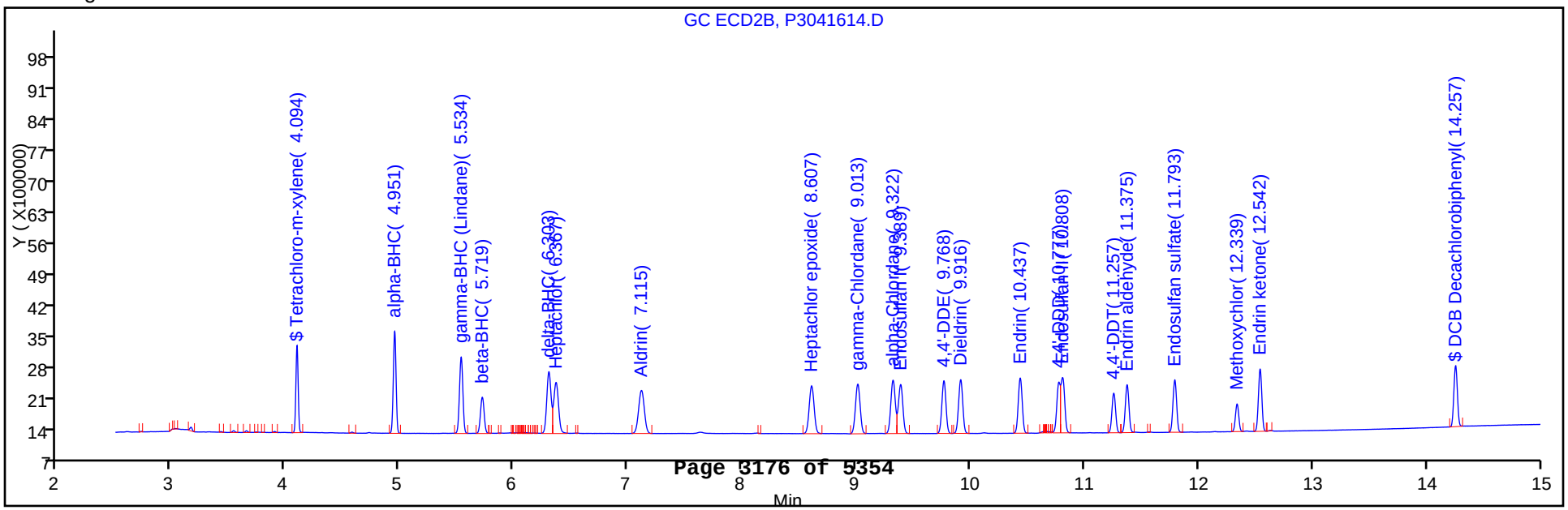
Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041614.D

Injection Date:	16-Apr-2013 16:39:19	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82129	Lims Sample ID:	14
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-82129/14

Matrix: Solid | Lab File ID: P3041614.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/16/2013 16:39

Con. Extract Vol.: | Dilution Factor: 1

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

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

Analysis Batch No.: 82129 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	*4,4'-DDD*	*0.00560*		*0.0050*	0.0010	*0.00096*
72-55-9	*4,4'-DDE*	*0.00490*	*J*	*0.0050*	0.0010	*0.00097*
50-29-3	*4,4'-DDT*	*0.00509*		*0.0050*	0.0030	*0.0016*
309-00-2	*Aldrin*	*0.00515*		*0.0050*	0.0010	*0.00082*
319-84-6	*alpha-BHC*	*0.00504*		*0.0050*	0.0010	*0.00070*
5103-71-9	*alpha-Chlordane*	*0.00547*		*0.0050*	0.0010	*0.0014*
319-85-7	*beta-BHC*	*0.00631*		*0.0050*	0.0010	*0.00084*
319-86-8	*delta-BHC*	*0.00537*		*0.0050*	0.0010	*0.00087*
60-57-1	*Dieldrin*	*0.00524*		*0.0050*	0.0010	*0.00075*
959-98-8	*Endosulfan I*	*0.00571*		*0.0050*	0.0010	*0.0013*
33213-65-9	*Endosulfan II*	*0.00598*		*0.0050*	0.0010	*0.0012*
1031-07-8	*Endosulfan sulfate*	*0.00597*		*0.0050*	0.0010	*0.0011*
72-20-8	*Endrin*	*0.00567*		*0.0050*	0.0010	*0.0011*
7421-93-4	*Endrin aldehyde*	*0.00617*		*0.0050*	0.0010	*0.0011*
53494-70-5	*Endrin ketone*	*0.00589*		*0.0050*	0.0010	*0.00078*
58-89-9	*gamma-BHC (Lindane)*	*0.00534*		*0.0050*	0.0010	*0.00064*
5103-74-2	*gamma-Chlordane*	*0.00552*		*0.0050*	0.0010	*0.0012*
76-44-8	*Heptachlor*	*0.00582*		*0.0050*	0.0010	*0.00080*
1024-57-3	*Heptachlor epoxide*	*0.00567*		*0.0050*	0.0010	*0.00071*
72-43-5	*Methoxychlor*	*0.00641*	*J*	*0.010*	0.0030	*0.0032*
8001-35-2	*Toxaphene*	*0.050*	*U*	*0.20*	0.050	*0.032*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	124		50-150
877-09-8	Tetrachloro-m-xylene	92		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041614.D
Lims ID: MRL Client ID:
Inject. Date: 16-Apr-2013 16:39:19 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0018914-014
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 14
Lims Batch ID: 82129 Lims Sample ID: 14
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

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

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.496	3.494	0.002	5402246	0.004910			
2	100	4.094	4.093	0.001	2775098	0.004595			
						RPD = 6.64			
12 Diallate									1
1	100		3.757						
1	2		4.066						
2	100		4.337						
2	2		4.674						
24 Hexachlorobenzene									
1	100		3.967						
2	100		4.710						
5 alpha-BHC									
1	100	4.186	4.184	0.002	7891069	0.004860			
2	100	4.951	4.949	0.002	3880126	0.005040			
						RPD = 3.63			
20 gamma-BHC (Lindane)									
1	100	4.567	4.564	0.003	7244625	0.004978			
2	100	5.534	5.532	0.002	3618072	0.005344			
						RPD = 7.08			
7 beta-BHC									
1	100	4.699	4.697	0.002	3511951	0.005678			
2	100	5.719	5.717	0.002	1867149	0.006314			
						RPD = 10.60			
11 delta-BHC									
1	100	4.913	4.911	0.002	7357228	0.004970			
2	100	6.303	6.301	0.002	3735969	0.005371			
						RPD = 7.74			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									1
1	100		5.081						
1	2		5.938						
1	3		7.171						
1	4		7.514						
2	100		6.061						
2	2		7.632						
2	3		9.010						
2	4		9.320						
22 Heptachlor									
1	100	5.197	5.194	0.003	7439570	0.005776			
2	100	6.367	6.364	0.003	3395566	0.005825			
						RPD = 0.84			
4 Aldrin									
1	100	5.646	5.644	0.002	6762907	0.004973			
2	100	7.115	7.112	0.003	3432472	0.005153			
						RPD = 3.56			
25 Isodrin									
1	100		6.228						
2	100		8.128						
23 Heptachlor epoxide									
1	100	6.873	6.869	0.004	6685140	0.005435			
2	100	8.607	8.605	0.002	3297091	0.005672			
						RPD = 4.26			
21 gamma-Chlordane									
1	100	7.175	7.170	0.005	6592295	0.005218			
2	100	9.013	9.010	0.003	3237568	0.005519			
						RPD = 5.62			
6 alpha-Chlordane									
1	100	7.522	7.517	0.005	6963852	0.005400			
2	100	9.322	9.319	0.003	3335670	0.005465			
						RPD = 1.21			
14 Endosulfan I									
1	100	7.797	7.794	0.003	6395891	0.005549			
2	100	9.389	9.386	0.003	3033069	0.005708			
						RPD = 2.83			
2 4,4'-DDE									
1	100	7.902	7.894	0.008	6289093	0.004966			
2	100	9.768	9.765	0.003	2989941	0.004903			
						RPD = 1.28			
28 Mirex									
1	100		8.279						
2	100		9.197						
13 Dieldrin									
1	100	8.362	8.357	0.005	6656923	0.005248			
2	100	9.916	9.913	0.003	3111645	0.005235			
						RPD = 0.25			
17 Endrin									
1	100	8.821	8.817	0.004	6613328	0.005561			
2	100	10.437	10.435	0.002	3040054	0.005674			
						RPD = 2.03			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									
1	100		8.886						
2	100		10.595						
1 4,4'-DDD									
1	100	9.188	9.184	0.004	5390021	0.005555			
2	100	10.777	10.774	0.003	2396308	0.005605			
						RPD = 0.89			
15 Endosulfan II									
1	100	9.274	9.269	0.005	6088337	0.005562			
2	100	10.808	10.808	0.000	2902635	0.005979			
						RPD = 7.22			
9 Chlorobenzilate									1
1	100		9.289						
2	100		10.597						
3 4,4'-DDT									
1	100	9.716	9.710	0.006	4817917	0.005224			
2	100	11.257	11.256	0.001	2015021	0.005094			
						RPD = 2.52			
18 Endrin aldehyde									
1	100	10.080	10.074	0.006	5017800	0.005698			
2	100	11.375	11.372	0.003	2436766	0.006168			
						RPD = 7.93			
30 Toxaphene									1
1	1		10.265						
1	2		10.611						
1	3		10.765						
1	4		11.181						
1	5		11.449						
2	100		10.363						
2	2		10.955						
2	3		11.376						
2	4		12.119						
2	5		12.679						
27 Methoxychlor									
1	100	10.676	10.672	0.004	3146315	0.006819			
2	100	12.339	12.337	0.002	1279094	0.006411			
						RPD = 6.17			
16 Endosulfan sulfate									
1	100	10.809	10.805	0.004	5554902	0.005662			
2	100	11.793	11.791	0.002	2638035	0.005965			
						RPD = 5.21			
19 Endrin ketone									
1	100	11.211	11.206	0.005	6401417	0.005592			
2	100	12.542	12.539	0.003	2956510	0.005895			
						RPD = 5.26			
$ 10 DCB Decachlorobiphenyl									
1	100	12.832	12.827	0.005	5798343	0.006038			
2	100	14.257	14.254	0.003	2975602	0.006190			
						RPD = 2.48			

QC Flag Legend

Processing Flags
1 - Missing Peaks

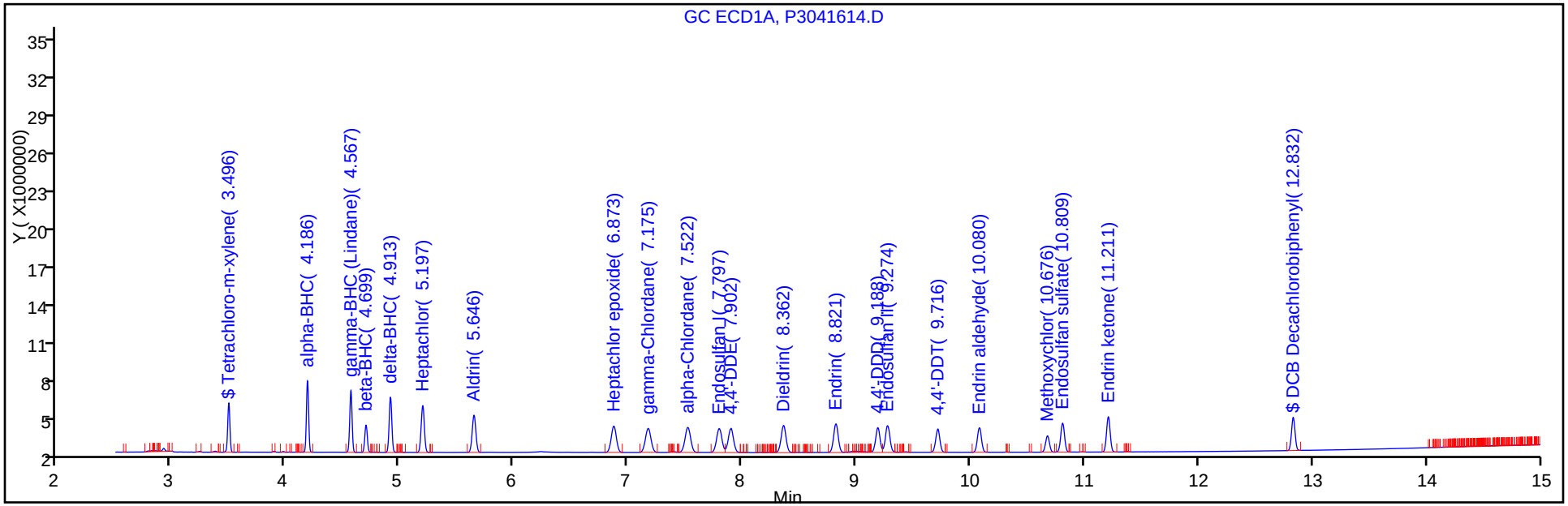
Report Date: 17-Apr-2013 10:53:23 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

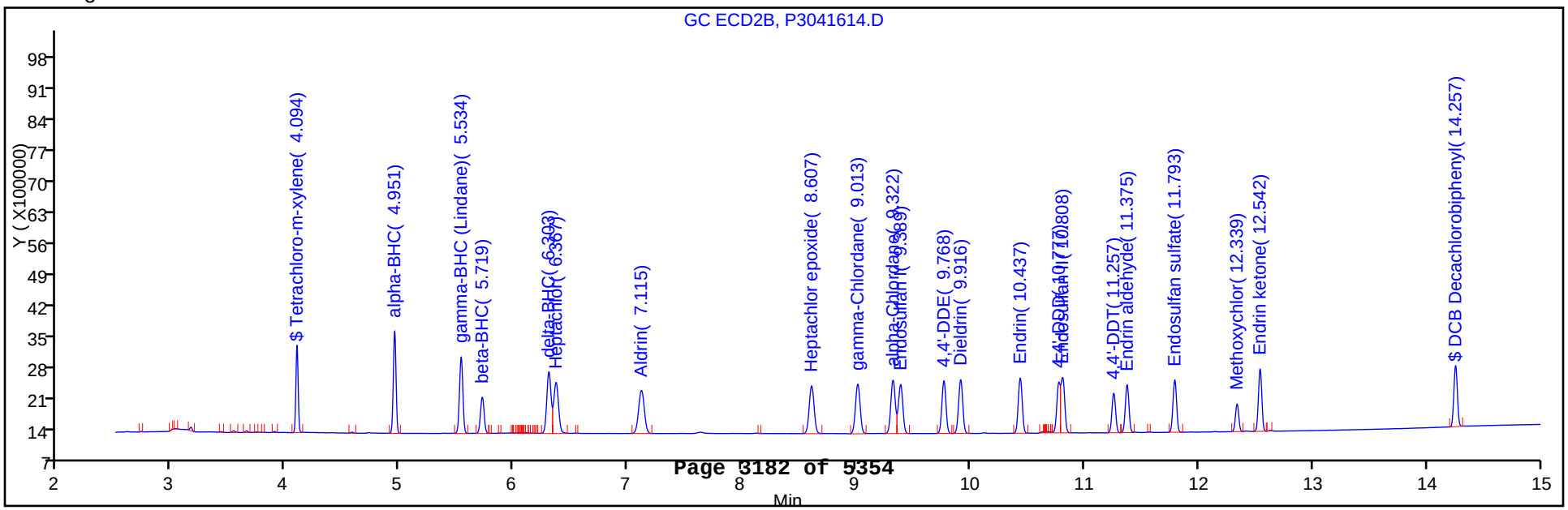
Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041614.D

Injection Date:	16-Apr-2013 16:39:19	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82129	Lims Sample ID:	14
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-82129/51

Matrix: Solid | Lab File ID: P3041651.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/17/2013 05:05

Con. Extract Vol.: | Dilution Factor: 1

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

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

Analysis Batch No.: 82129 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.00584		0.0050	0.0010	0.00096
72-55-9	4,4'-DDE	0.00536		0.0050	0.0010	0.00097
50-29-3	4,4'-DDT	0.00570		0.0050	0.0030	0.0016
309-00-2	Aldrin	0.00542		0.0050	0.0010	0.00082
319-84-6	alpha-BHC	0.00535		0.0050	0.0010	0.00070
5103-71-9	alpha-Chlordane	0.00590		0.0050	0.0010	0.0014
319-85-7	beta-BHC	0.00610		0.0050	0.0010	0.00084
319-86-8	delta-BHC	0.00537		0.0050	0.0010	0.00087
60-57-1	Dieldrin	0.00566		0.0050	0.0010	0.00075
959-98-8	Endosulfan I	0.00602		0.0050	0.0010	0.0013
33213-65-9	Endosulfan II	0.00588		0.0050	0.0010	0.0012
1031-07-8	Endosulfan sulfate	0.00600		0.0050	0.0010	0.0011
72-20-8	Endrin	0.00589		0.0050	0.0010	0.0011
7421-93-4	Endrin aldehyde	0.00620		0.0050	0.0010	0.0011
53494-70-5	Endrin ketone	0.00608		0.0050	0.0010	0.00078
58-89-9	gamma-BHC (Lindane)	0.00554		0.0050	0.0010	0.00064
5103-74-2	gamma-Chlordane	0.00576		0.0050	0.0010	0.0012
76-44-8	Heptachlor	0.00631		0.0050	0.0010	0.00080
1024-57-3	Heptachlor epoxide	0.00591		0.0050	0.0010	0.00071
72-43-5	Methoxychlor	0.00722	J ^	0.010	0.0030	0.0032

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	127		50-150
877-09-8	Tetrachloro-m-xylene	107		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041651.D
Lims ID: MRL Client ID:
Inject. Date: 17-Apr-2013 05:05:11 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0018914-051
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 51
Lims Batch ID: 82129 Lims Sample ID: 51
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130416-18914.b\PEST3.m
Last Update: 17-Apr-2013 10:52:45 Calib Date: 16-Apr-2013 14:58:16
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.493	3.494	-0.001	5875715	0.005341			
2	100	4.092	4.093	-0.001	3042654	0.005038			
						RPD = 5.84			
12 Diallate									1
1	100		3.756						
1	2		4.064						
2	100		4.335						
2	2		4.671						
24 Hexachlorobenzene									
1	100		3.967						
2	100		4.710						
5 alpha-BHC									
1	100	4.184	4.184	0.000	8694270	0.005355			
2	100	4.949	4.949	0.000	4302472	0.005588			
						RPD = 4.27			
20 gamma-BHC (Lindane)									
1	100	4.564	4.564	0.000	8054850	0.005535			
2	100	5.532	5.532	0.000	4021720	0.005940			
						RPD = 7.05			
7 beta-BHC									
1	100	4.697	4.697	0.000	3774048	0.006102			
2	100	5.717	5.717	0.000	2020027	0.006831			
						RPD = 11.27			
11 delta-BHC									
1	100	4.911	4.911	0.000	7953301	0.005373			
2	100	6.302	6.301	0.001	3997198	0.005746			
						RPD = 6.71			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									1
1	100		5.081						
1	2		5.938						
1	3		7.171						
1	4		7.514						
2	100		6.061						
2	2		7.632						
2	3		9.010						
2	4		9.320						
22 Heptachlor									
1	100	5.193	5.194	-0.001	8127652	0.006310			
2	100	6.364	6.364	0.000	3693671	0.006336			
						RPD = 0.41			
4 Aldrin									
1	100	5.643	5.644	-0.001	7375008	0.005423			
2	100	7.112	7.112	0.000	3771210	0.005662			
						RPD = 4.31			
25 Isodrin									
1	100		6.228						
2	100		8.128						
23 Heptachlor epoxide									
1	100	6.867	6.869	-0.002	7266369	0.005908			
2	100	8.607	8.605	0.002	3629967	0.006244			
						RPD = 5.54			
21 gamma-Chlordane									
1	100	7.171	7.170	0.001	7280650	0.005762			
2	100	9.011	9.010	0.001	3568165	0.006083			
						RPD = 5.41			
6 alpha-Chlordane									
1	100	7.519	7.517	0.002	7603525	0.005896			
2	100	9.319	9.319	0.000	3683737	0.006036			
						RPD = 2.35			
14 Endosulfan I									
1	100	7.794	7.794	0.000	6934025	0.006016			
2	100	9.386	9.386	0.000	3336270	0.006279			
						RPD = 4.28			
2 4,4'-DDE									
1	100	7.894	7.894	0.000	6786118	0.005358			
2	100	9.766	9.765	0.001	3268415	0.005359			
						RPD = 0.02			
28 Mirex									
1	100	8.277	8.279	-0.002	7375	0			
2	100	9.203	9.197	0.006	11302	0			
						RPD = 0.00			
13 Dieldrin									
1	100	8.356	8.357	-0.001	7173518	0.005655			
2	100	9.912	9.913	-0.001	3412800	0.005742			
						RPD = 1.51			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
17 Endrin									
1	100	8.818	8.817	0.001	7000793	0.005887			
2	100	10.435	10.435	0.000	3339545	0.006233			
						RPD = 5.70			
26 Kepone									1
1	100		8.886						
2	100		10.595						
1 4,4'-DDD									
1	100	9.184	9.184	0.000	5669707	0.005843			
2	100	10.773	10.774	-0.001	2385266	0.005579			
						RPD = 4.63			
15 Endosulfan II									
1	100	9.270	9.269	0.001	6440015	0.005884			
2	100	10.808	10.808	0.000	3309102	0.006816			
						RPD = 14.69			
9 Chlorobenzilate									1
1	100		9.286						
2	100		10.594						
3 4,4'-DDT									
1	100	9.712	9.710	0.002	5257610	0.005701			
2	100	11.256	11.256	0.000	2278747	0.005761			
						RPD = 1.05			
18 Endrin aldehyde									
1	100	10.074	10.074	0.000	5460547	0.006200			
2	100	11.373	11.372	0.001	2667279	0.006751			
						RPD = 8.51			
30 Toxaphene									1
1	1		10.263						
1	2		10.610						
1	3		10.759						
1	4		11.177						
1	5		11.447						
2	100		10.360						
2	2		10.954						
2	3		11.375						
2	4		12.117						
2	5		12.678						
27 Methoxychlor									
1	100	10.672	10.672	0.000	3331129	0.007219			
2	100	12.338	12.337	0.001	1416291	0.007099			
						RPD = 1.69			
16 Endosulfan sulfate									
1	100	10.805	10.805	0.000	5881675	0.005995			
2	100	11.791	11.791	0.000	2879991	0.006512			
						RPD = 8.27			
19 Endrin ketone									
1	100	11.207	11.206	0.001	6963252	0.006083			
2	100	12.540	12.539	0.001	3292396	0.006565			
						RPD = 7.61			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 10 DCB Decachlorobiphenyl									
1	100	12.829	12.827	0.002	6082752	0.006335			
2	100	14.256	14.254	0.002	3119788	0.006490			
						RPD = 2.42			

QC Flag Legend

Processing Flags
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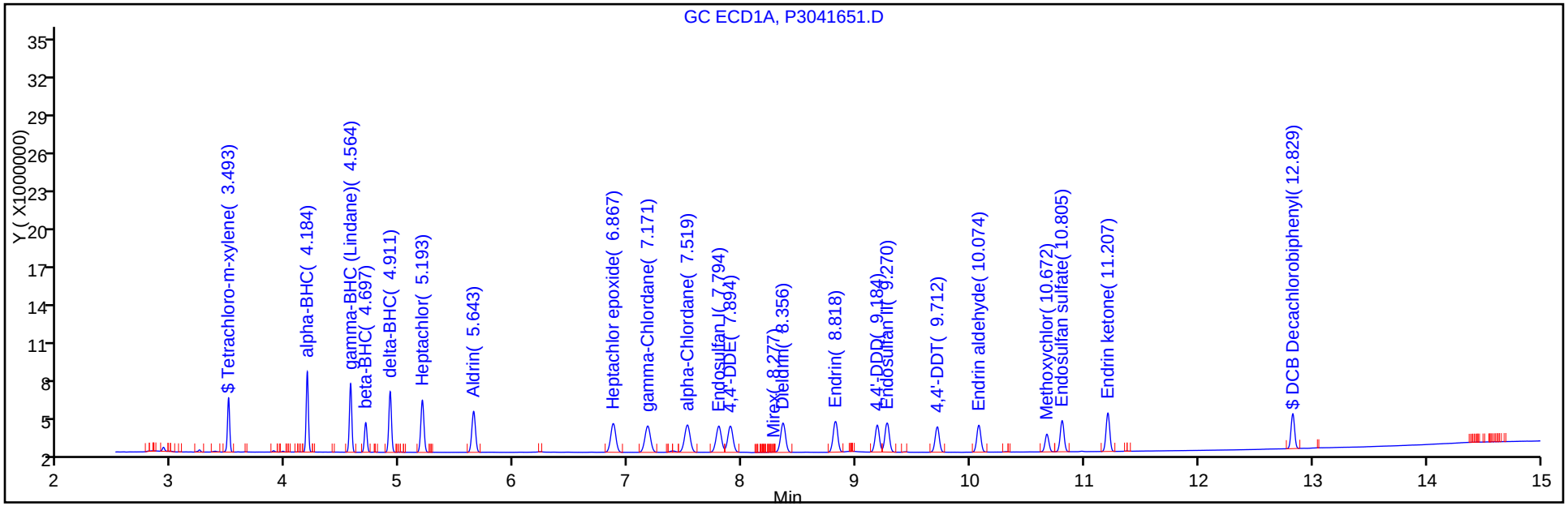
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TestAmerica Canton

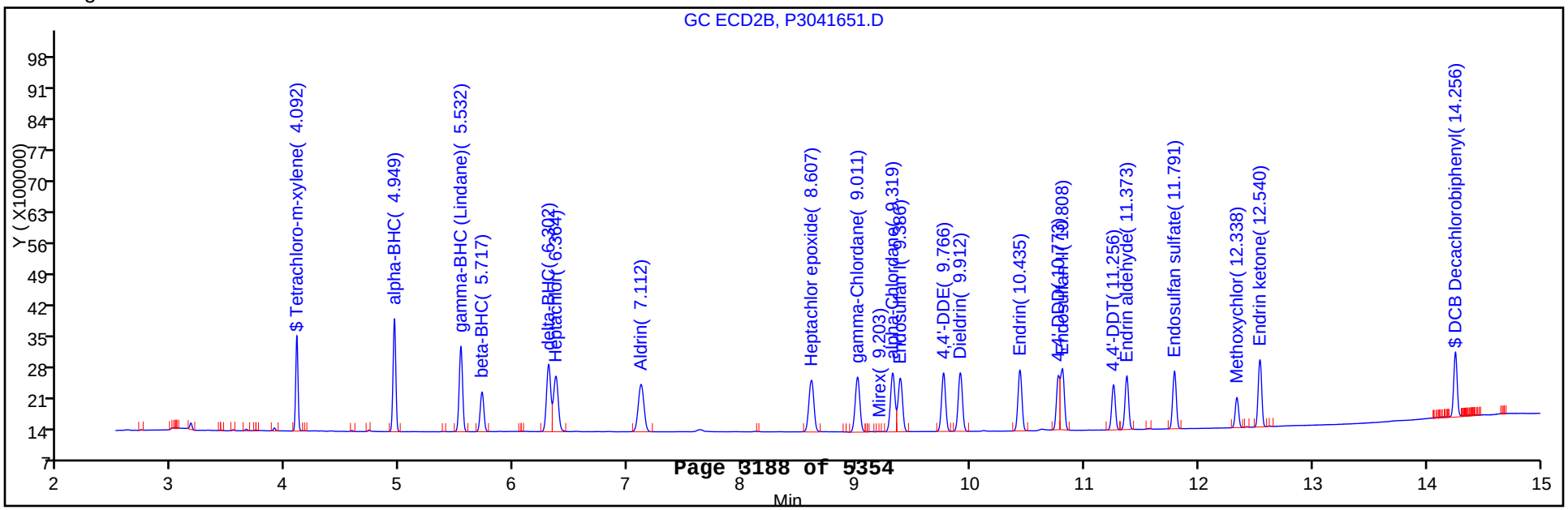
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Injection Date:	17-Apr-2013 05:05:11	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82129	Lims Sample ID:	51
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-82129/51

Matrix: Solid | Lab File ID: P3041651.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/17/2013 05:05

Con. Extract Vol.: | Dilution Factor: 1

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

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

Analysis Batch No.: 82129 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	*4,4'-DDD*	*0.00558*		*0.0050*	0.0010	*0.00096*
72-55-9	*4,4'-DDE*	*0.00536*		*0.0050*	0.0010	*0.00097*
50-29-3	*4,4'-DDT*	*0.00576*		*0.0050*	0.0030	*0.0016*
309-00-2	*Aldrin*	*0.00566*		*0.0050*	0.0010	*0.00082*
319-84-6	*alpha-BHC*	*0.00559*		*0.0050*	0.0010	*0.00070*
5103-71-9	*alpha-Chlordane*	*0.00604*		*0.0050*	0.0010	*0.0014*
319-85-7	*beta-BHC*	*0.00683*	^	*0.0050*	0.0010	*0.00084*
319-86-8	*delta-BHC*	*0.00575*		*0.0050*	0.0010	*0.00087*
60-57-1	*Dieldrin*	*0.00574*		*0.0050*	0.0010	*0.00075*
959-98-8	*Endosulfan I*	*0.00628*		*0.0050*	0.0010	*0.0013*
33213-65-9	*Endosulfan II*	*0.00682*	^	*0.0050*	0.0010	*0.0012*
1031-07-8	*Endosulfan sulfate*	*0.00651*		*0.0050*	0.0010	*0.0011*
72-20-8	*Endrin*	*0.00623*		*0.0050*	0.0010	*0.0011*
7421-93-4	*Endrin aldehyde*	*0.00675*	^	*0.0050*	0.0010	*0.0011*
53494-70-5	*Endrin ketone*	*0.00656*	^	*0.0050*	0.0010	*0.00078*
58-89-9	*gamma-BHC (Lindane)*	*0.00594*		*0.0050*	0.0010	*0.00064*
5103-74-2	*gamma-Chlordane*	*0.00608*		*0.0050*	0.0010	*0.0012*
76-44-8	*Heptachlor*	*0.00634*		*0.0050*	0.0010	*0.00080*
1024-57-3	*Heptachlor epoxide*	*0.00624*		*0.0050*	0.0010	*0.00071*
72-43-5	*Methoxychlor*	*0.00710*	*J ^*	*0.010*	0.0030	*0.0032*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	130		50-150
877-09-8	Tetrachloro-m-xylene	101		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041651.D
Lims ID: MRL Client ID:
Inject. Date: 17-Apr-2013 05:05:11 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0018914-051
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 51
Lims Batch ID: 82129 Lims Sample ID: 51
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130416-18914.b\PEST3.m
Last Update: 17-Apr-2013 10:52:45 Calib Date: 16-Apr-2013 14:58:16
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.493	3.494	-0.001	5875715	0.005341			
2	100	4.092	4.093	-0.001	3042654	0.005038			
						RPD = 5.84			
12 Diallate									1
1	100		3.756						
1	2		4.064						
2	100		4.335						
2	2		4.671						
24 Hexachlorobenzene									
1	100		3.967						
2	100		4.710						
5 alpha-BHC									
1	100	4.184	4.184	0.000	8694270	0.005355			
2	100	4.949	4.949	0.000	4302472	0.005588			
						RPD = 4.27			
20 gamma-BHC (Lindane)									
1	100	4.564	4.564	0.000	8054850	0.005535			
2	100	5.532	5.532	0.000	4021720	0.005940			
						RPD = 7.05			
7 beta-BHC									
1	100	4.697	4.697	0.000	3774048	0.006102			
2	100	5.717	5.717	0.000	2020027	0.006831			
						RPD = 11.27			
11 delta-BHC									
1	100	4.911	4.911	0.000	7953301	0.005373			
2	100	6.302	6.301	0.001	3997198	0.005746			
						RPD = 6.71			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									1
1	100		5.081						
1	2		5.938						
1	3		7.171						
1	4		7.514						
2	100		6.061						
2	2		7.632						
2	3		9.010						
2	4		9.320						
22 Heptachlor									
1	100	5.193	5.194	-0.001	8127652	0.006310			
2	100	6.364	6.364	0.000	3693671	0.006336			
						RPD = 0.41			
4 Aldrin									
1	100	5.643	5.644	-0.001	7375008	0.005423			
2	100	7.112	7.112	0.000	3771210	0.005662			
						RPD = 4.31			
25 Isodrin									
1	100		6.228						
2	100		8.128						
23 Heptachlor epoxide									
1	100	6.867	6.869	-0.002	7266369	0.005908			
2	100	8.607	8.605	0.002	3629967	0.006244			
						RPD = 5.54			
21 gamma-Chlordane									
1	100	7.171	7.170	0.001	7280650	0.005762			
2	100	9.011	9.010	0.001	3568165	0.006083			
						RPD = 5.41			
6 alpha-Chlordane									
1	100	7.519	7.517	0.002	7603525	0.005896			
2	100	9.319	9.319	0.000	3683737	0.006036			
						RPD = 2.35			
14 Endosulfan I									
1	100	7.794	7.794	0.000	6934025	0.006016			
2	100	9.386	9.386	0.000	3336270	0.006279			
						RPD = 4.28			
2 4,4'-DDE									
1	100	7.894	7.894	0.000	6786118	0.005358			
2	100	9.766	9.765	0.001	3268415	0.005359			
						RPD = 0.02			
28 Mirex									
1	100	8.277	8.279	-0.002	7375	0			
2	100	9.203	9.197	0.006	11302	0			
						RPD = 0.00			
13 Dieldrin									
1	100	8.356	8.357	-0.001	7173518	0.005655			
2	100	9.912	9.913	-0.001	3412800	0.005742			
						RPD = 1.51			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
17 Endrin									
1	100	8.818	8.817	0.001	7000793	0.005887			
2	100	10.435	10.435	0.000	3339545	0.006233			
						RPD = 5.70			
26 Kepone									1
1	100		8.886						
2	100		10.595						
1 4,4'-DDD									
1	100	9.184	9.184	0.000	5669707	0.005843			
2	100	10.773	10.774	-0.001	2385266	0.005579			
						RPD = 4.63			
15 Endosulfan II									
1	100	9.270	9.269	0.001	6440015	0.005884			
2	100	10.808	10.808	0.000	3309102	0.006816			
						RPD = 14.69			
9 Chlorobenzilate									1
1	100		9.286						
2	100		10.594						
3 4,4'-DDT									
1	100	9.712	9.710	0.002	5257610	0.005701			
2	100	11.256	11.256	0.000	2278747	0.005761			
						RPD = 1.05			
18 Endrin aldehyde									
1	100	10.074	10.074	0.000	5460547	0.006200			
2	100	11.373	11.372	0.001	2667279	0.006751			
						RPD = 8.51			
30 Toxaphene									1
1	1		10.263						
1	2		10.610						
1	3		10.759						
1	4		11.177						
1	5		11.447						
2	100		10.360						
2	2		10.954						
2	3		11.375						
2	4		12.117						
2	5		12.678						
27 Methoxychlor									
1	100	10.672	10.672	0.000	3331129	0.007219			
2	100	12.338	12.337	0.001	1416291	0.007099			
						RPD = 1.69			
16 Endosulfan sulfate									
1	100	10.805	10.805	0.000	5881675	0.005995			
2	100	11.791	11.791	0.000	2879991	0.006512			
						RPD = 8.27			
19 Endrin ketone									
1	100	11.207	11.206	0.001	6963252	0.006083			
2	100	12.540	12.539	0.001	3292396	0.006565			
						RPD = 7.61			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 10 DCB Decachlorobiphenyl									
1	100	12.829	12.827	0.002	6082752	0.006335			
2	100	14.256	14.254	0.002	3119788	0.006490			
						RPD = 2.42			

QC Flag Legend

Processing Flags
1 - Missing Peaks

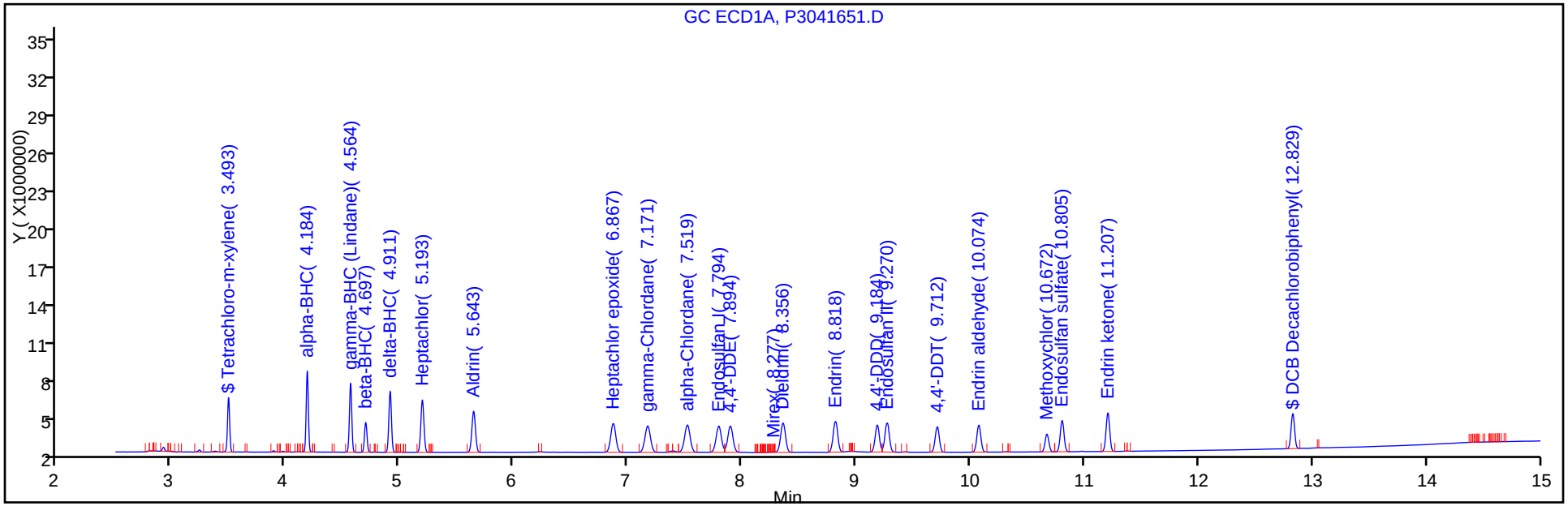
Report Date: 17-Apr-2013 10:52:46 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

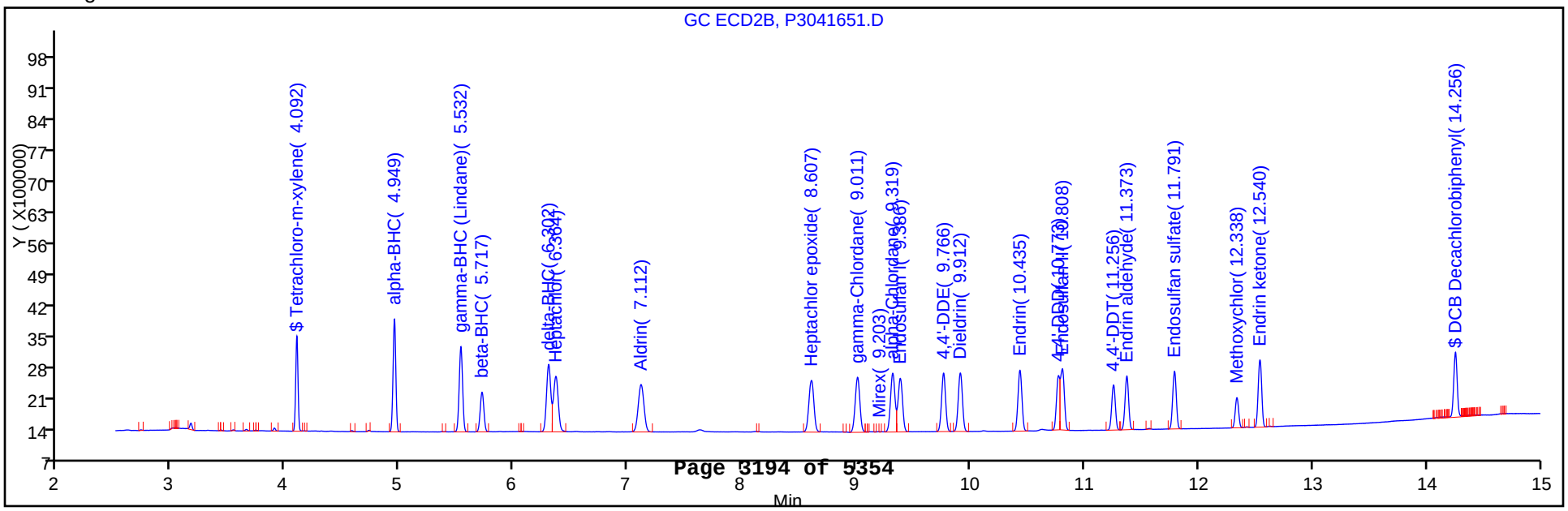
Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041651.D

Injection Date:	17-Apr-2013 05:05:11	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82129	Lims Sample ID:	51
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-82389/6

Matrix: Water | Lab File ID: P3041706.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/17/2013 16:36

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.: 82389 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.00545		0.0050	0.0010	0.00096
72-55-9	4,4'-DDE	0.00492	J M	0.0050	0.0010	0.00097
50-29-3	4,4'-DDT	0.00473	J	0.0050	0.0030	0.0016
309-00-2	Aldrin	0.00494	J	0.0050	0.0010	0.00082
319-84-6	alpha-BHC	0.00482	J	0.0050	0.0010	0.00070
5103-71-9	alpha-Chlordane	0.00541	M	0.0050	0.0010	0.0014
319-85-7	beta-BHC	0.00561		0.0050	0.0010	0.00084
319-86-8	delta-BHC	0.00477	J	0.0050	0.0010	0.00087
60-57-1	Dieldrin	0.00515	M	0.0050	0.0010	0.00075
959-98-8	Endosulfan I	0.00551	M	0.0050	0.0010	0.0013
33213-65-9	Endosulfan II	0.00538		0.0050	0.0010	0.0012
1031-07-8	Endosulfan sulfate	0.00558		0.0050	0.0010	0.0011
72-20-8	Endrin	0.00549	M	0.0050	0.0010	0.0011
7421-93-4	Endrin aldehyde	0.00575		0.0050	0.0010	0.0011
53494-70-5	Endrin ketone	0.00557		0.0050	0.0010	0.00078
58-89-9	gamma-BHC (Lindane)	0.00494	J	0.0050	0.0010	0.00064
5103-74-2	gamma-Chlordane	0.00528		0.0050	0.0010	0.0012
76-44-8	Heptachlor	0.00570		0.0050	0.0010	0.00080
1024-57-3	Heptachlor epoxide	0.00545		0.0050	0.0010	0.00071
72-43-5	Methoxychlor	0.00638	J	0.010	0.0030	0.0032

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	122		50-150
877-09-8	Tetrachloro-m-xylene	98		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130417-18976.b\P3041706.D
Lims ID: MRL Client ID:
Inject. Date: 17-Apr-2013 16:36:04 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0018976-006
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 82389 Lims Sample ID: 6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130417-18976.b\PEST3.m
Last Update: 18-Apr-2013 09:20:13 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: XAWRK031

First Level Reviewer: shockr Date: 17-Apr-2013 17:36:42

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.493	3.494	-0.001	5371320	0.004882			
2	100	4.093	4.094	-0.001	2778417	0.004600			
						RPD = 5.95			
12 Diallate									
1	100		3.756						
1	2		4.064						
2	100		4.335						
2	2		4.671						
24 Hexachlorobenzene									
1	100		3.966						
2	100		4.709						
5 alpha-BHC									
1	100	4.184	4.184	0.000	7822886	0.004818			
2	100	4.949	4.951	-0.002	3902933	0.005069			
						RPD = 5.08			
20 gamma-BHC (Lindane)									
1	100	4.565	4.564	0.001	7186048	0.004938			
2	100	5.533	5.535	-0.002	3622205	0.005350			
						RPD = 8.00			
7 beta-BHC									
1	100	4.698	4.696	0.002	3469894	0.005610			
2	100	5.719	5.720	-0.001	1851875	0.006263			
						RPD = 10.99			
11 delta-BHC									
1	100	4.912	4.911	0.001	7060102	0.004770			
2	100	6.303	6.305	-0.002	3565429	0.005126			
						RPD = 7.19			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									1
1	100		5.080						
1	2		5.936						
1	3		7.169						
1	4		7.510						
2	100		6.058						
2	2		7.630						
2	3		9.008						
2	4		9.318						
22 Heptachlor									
1	100	5.194	5.193	0.001	7344406	0.005702			
2	100	6.366	6.367	-0.001	3489917	0.005986			
						RPD = 4.87			
4 Aldrin									
1	100	5.644	5.642	0.002	6721453	0.004942			
2	100	7.114	7.115	-0.001	3465458	0.005203			
						RPD = 5.13			
25 Isodrin									
1	100		6.226						
2	100		8.127						
23 Heptachlor epoxide									M
1	100	6.870	6.867	0.003	6701577	0.005448			
2	100	8.608	8.608	0.000	3330593	0.005729			M
						RPD = 5.03			
21 gamma-Chlordane									M
1	100	7.172	7.169	0.003	6671387	0.005280			
2	100	9.013	9.014	-0.001	3224902	0.005498			M
						RPD = 4.04			
6 alpha-Chlordane									M
1	100	7.519	7.515	0.004	6979893	0.005412			M
2	100	9.322	9.322	0.000	3392299	0.005558			M
						RPD = 2.66			
14 Endosulfan I									M
1	100	7.795	7.793	0.002	6348996	0.005508			M
2	100	9.388	9.388	0.000	3081311	0.005799			M
						RPD = 5.15			
2 4,4'-DDE									M
1	100	7.894	7.895	-0.001	6236487	0.004924			M
2	100	9.768	9.769	-0.001	3008881	0.004934			
						RPD = 0.20			
28 Mirex									M
1	100	8.277	8.279	-0.002	12759	0			M
2	100	9.210	9.197	0.013	6091	0			M
						RPD = 0.00			
13 Dieldrin									M
1	100	8.358	8.356	0.002	6533472	0.005151			M
2	100	9.916	9.915	0.001	3152253	0.005303			
						RPD = 2.92			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
17 Endrin									M
1	100	8.818	8.815	0.003	6528422	0.005490			M
2	100	10.438	10.437	0.001	3082838	0.005754			
						RPD = 4.69			
26 Kepone									1
1	100		8.884						
2	100		10.593						
1 4,4'-DDD									
1	100	9.186	9.182	0.004	5285422	0.005447			
2	100	10.777	10.777	0.000	2395603	0.005603			
						RPD = 2.82			
15 Endosulfan II									
1	100	9.271	9.270	0.001	5890721	0.005382			
2	100	10.809	10.809	0.000	3106892	0.006400			
						RPD = 17.28			
9 Chlorobenzilate									1
1	100		9.286						
2	100		10.594						
3 4,4'-DDT									
1	100	9.711	9.708	0.003	4364706	0.004733			
2	100	11.258	11.257	0.001	1930885	0.004882			
						RPD = 3.09			
18 Endrin aldehyde									
1	100	10.076	10.072	0.004	5065260	0.005751			
2	100	11.374	11.375	-0.001	2483496	0.006286			
						RPD = 8.88			
30 Toxaphene									1
1	1		10.263						
1	2		10.606						
1	3		10.757						
1	4		11.178						
1	5		11.446						
2	100		10.358						
2	2		10.952						
2	3		11.374						
2	4		12.116						
2	5		12.677						
27 Methoxychlor									
1	100	10.673	10.670	0.003	2943684	0.006380			
2	100	12.340	12.339	0.001	1274932	0.006390			
						RPD = 0.16			
16 Endosulfan sulfate									
1	100	10.807	10.804	0.003	5471829	0.005577			
2	100	11.793	11.792	0.001	2675459	0.006050			
						RPD = 8.13			
19 Endrin ketone									
1	100	11.208	11.204	0.004	6381024	0.005575			
2	100	12.540	12.541	-0.001	3038970	0.006059			
						RPD = 8.33			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 10 DCB Decachlorobiphenyl									
1	100	12.828	12.826	0.002	5835491	0.006077			
2	100	14.256	14.256	0.000	3038795	0.006322			
						RPD = 3.94			

QC Flag Legend

Processing Flags
1 - Missing Peaks

Review Flags
M - Manually Integrated

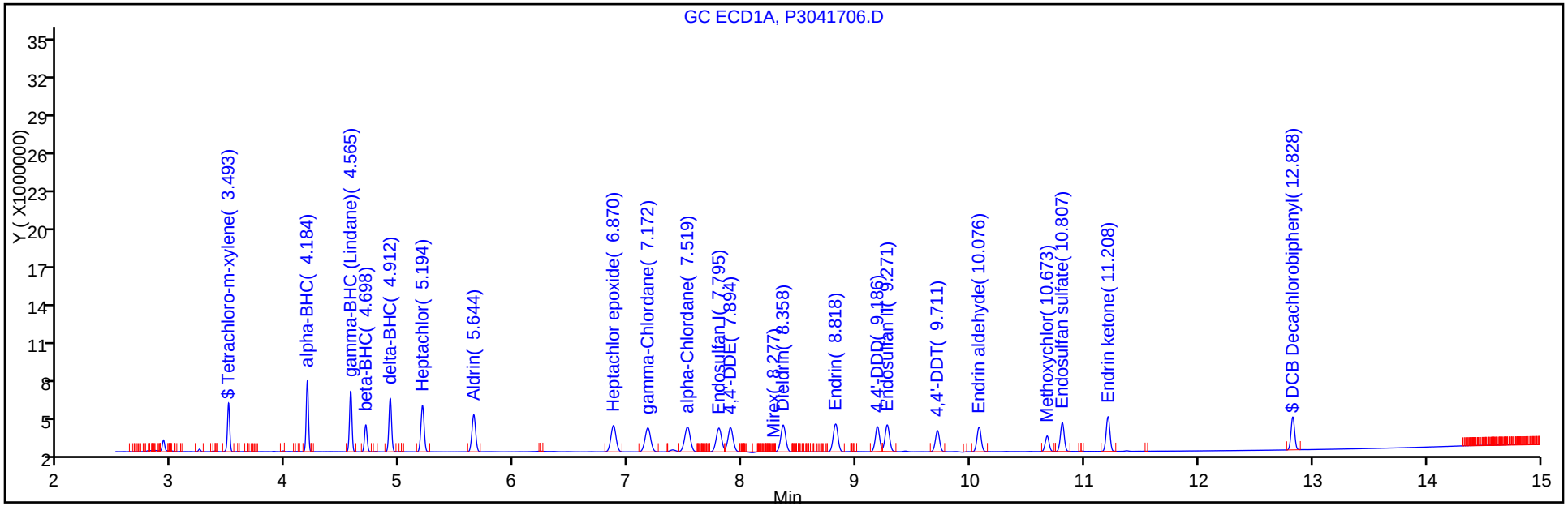
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TestAmerica Canton

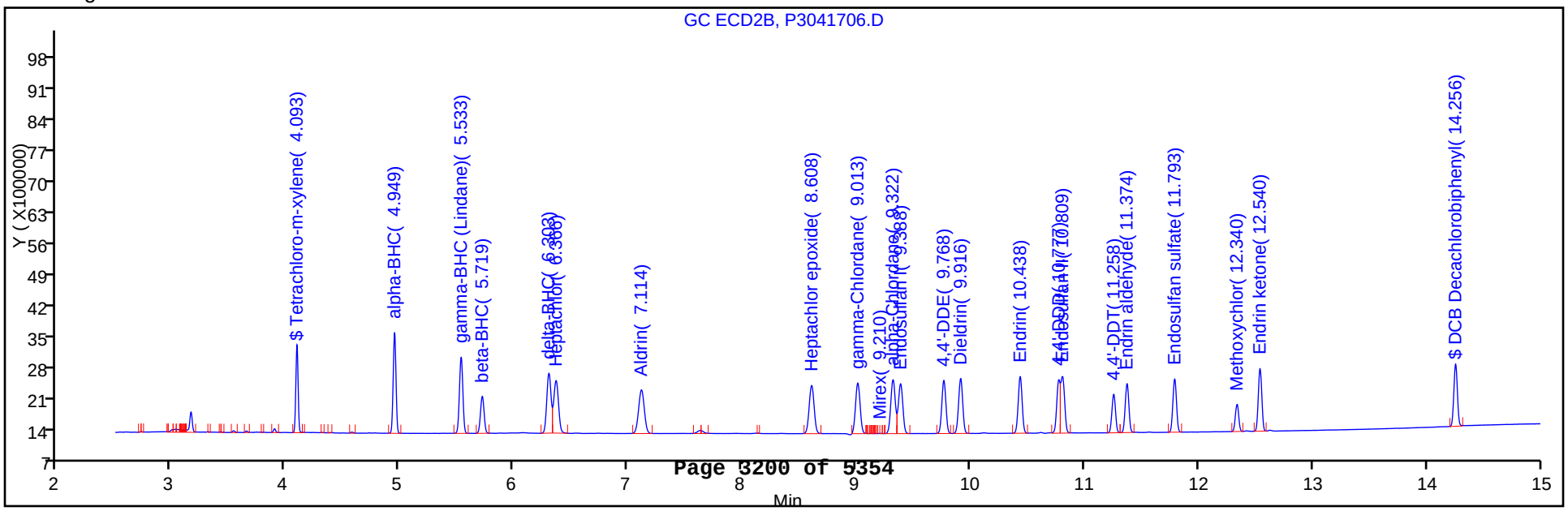
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Injection Date:	17-Apr-2013 16:36:04	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82389	Lims Sample ID:	6
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



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

Manual Integration/User Assign Peak Report

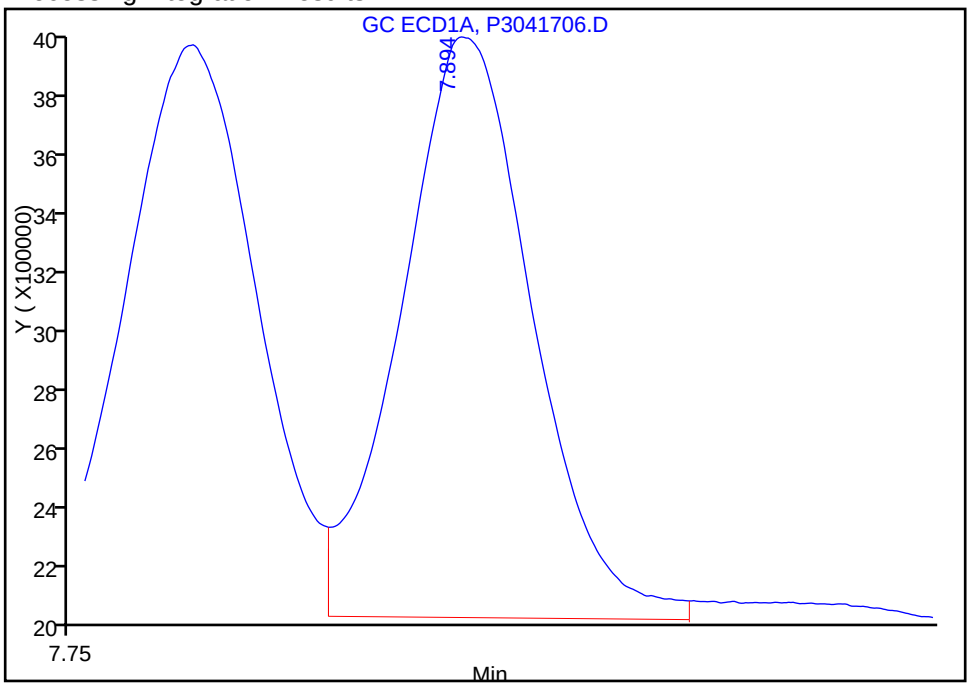
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP3\20130417-18976.b\P3041706.D		
Injection Date:	17-Apr-2013 16:36:04	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82389	Lims Sample ID:	6
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

2 4,4'-DDE, Signal: 1, Type: quant, RT: 7.89, Det: GC ECD1A

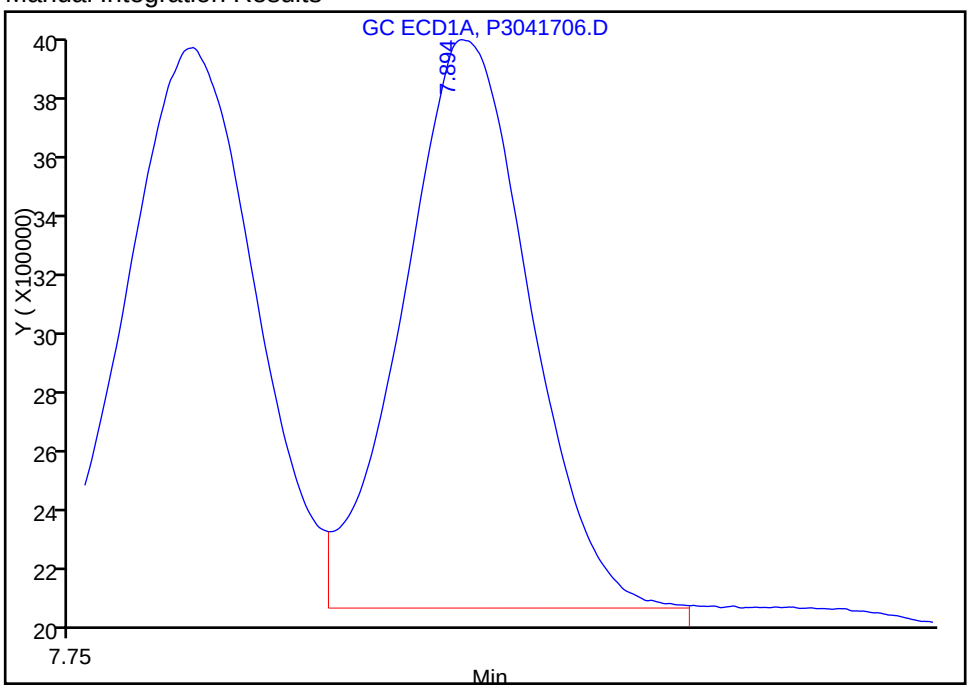
Processing Integration Results

RT: 7.89
Response: 6633667
Amount: 0.005238



Manual Integration Results

RT: 7.89
Response: 6236487
Amount: 0.004924



Reviewer: shockr, 17-Apr-2013 17:36:42
Audit Action: Assigned New Baseline
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

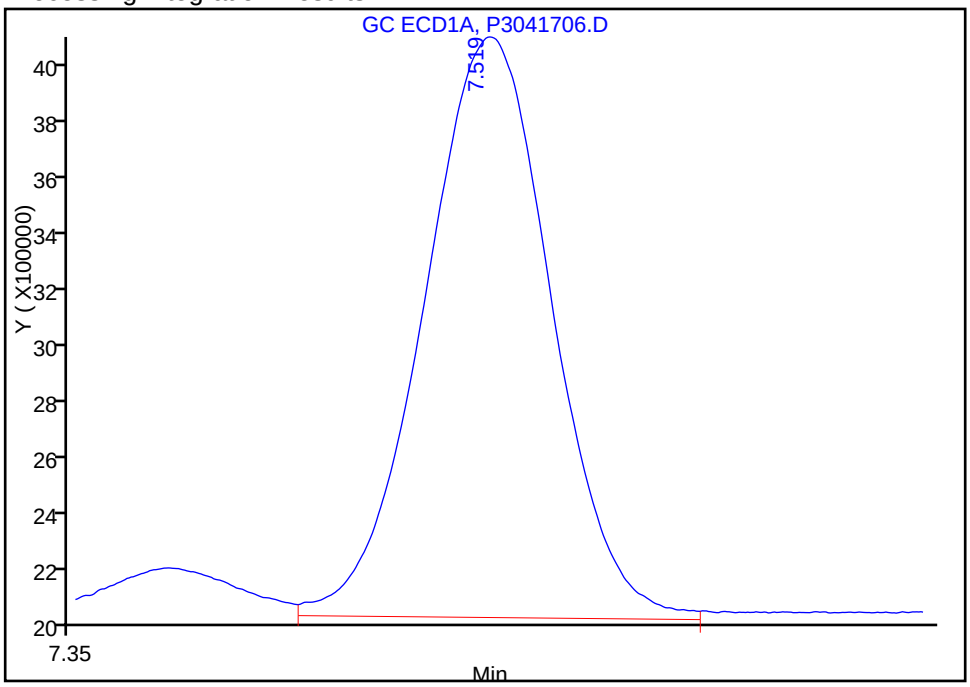
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP3\20130417-18976.b\P3041706.D		
Injection Date:	17-Apr-2013 16:36:04	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82389	Lims Sample ID:	6
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

6 alpha-Chlordane, Signal: 1, Type: quant, RT: 7.51, Det: GC ECD1A

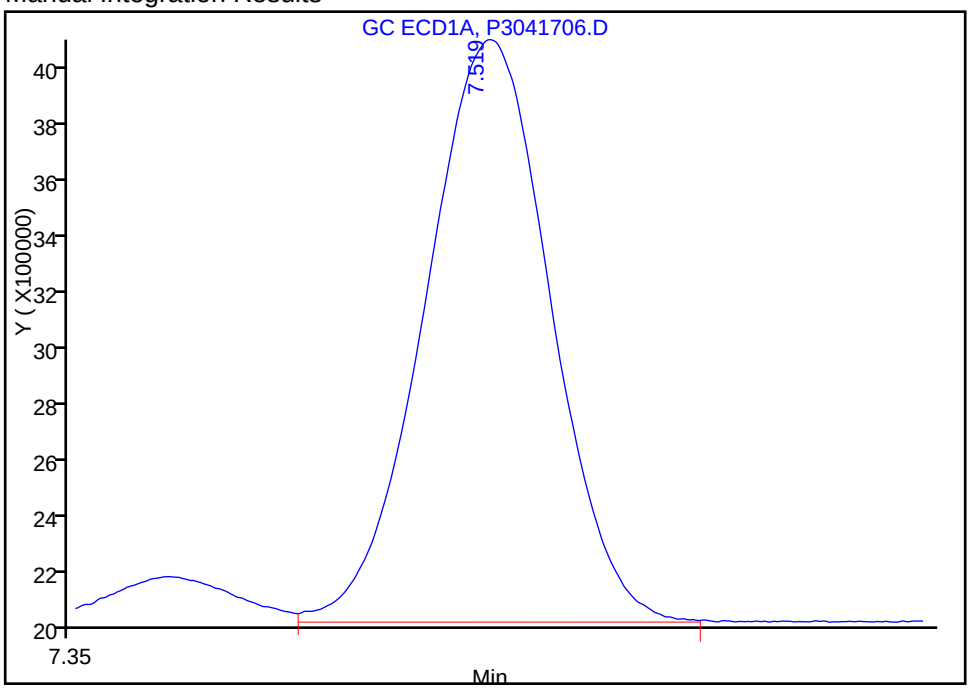
Processing Integration Results

RT: 7.52
Response: 7137658
Amount: 0.005534



Manual Integration Results

RT: 7.52
Response: 6979893
Amount: 0.005412



Reviewer: shockr, 17-Apr-2013 17:36:42
Audit Action: Assigned New Baseline
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

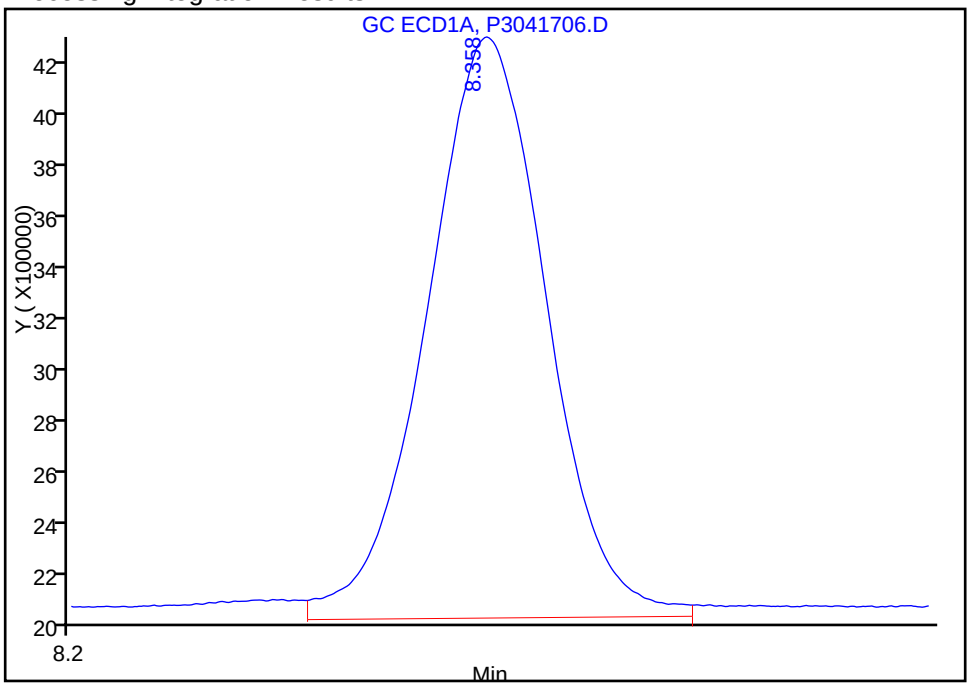
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP3\20130417-18976.b\P3041706.D		
Injection Date:	17-Apr-2013 16:36:04	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82389	Lims Sample ID:	6
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

13 Dieldrin, Signal: 1, Type: quant, RT: 8.36, Det: GC ECD1A

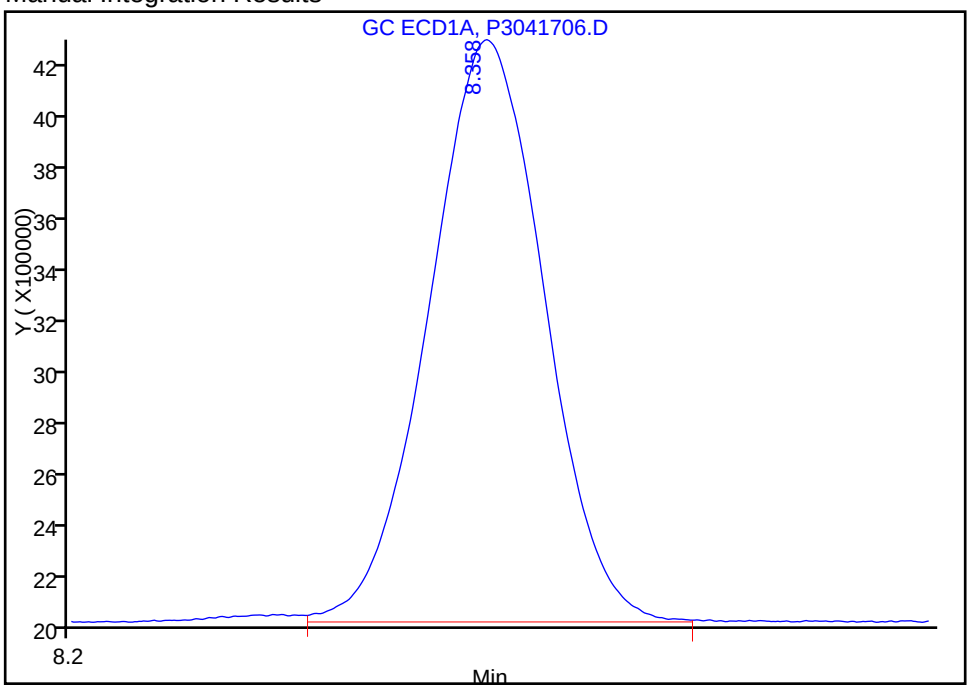
Processing Integration Results

RT: 8.36
Response: 6900621
Amount: 0.005440



Manual Integration Results

RT: 8.36
Response: 6533472
Amount: 0.005151



Reviewer: shockr, 17-Apr-2013 17:36:42
Audit Action: Assigned New Baseline
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

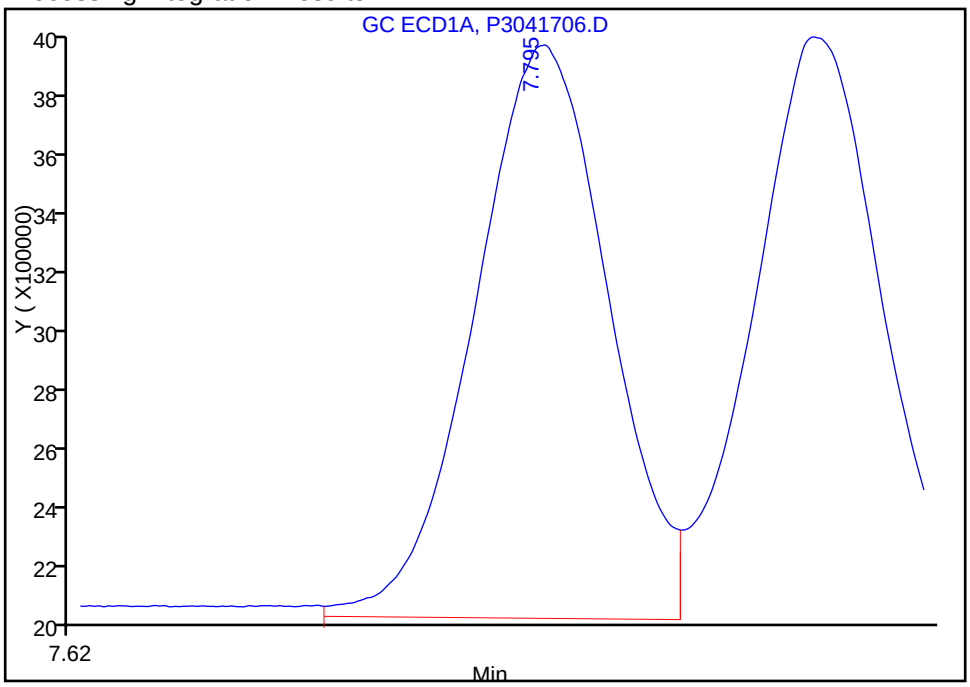
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP3\20130417-18976.b\P3041706.D		
Injection Date:	17-Apr-2013 16:36:04	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82389	Lims Sample ID:	6
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

14 Endosulfan I, Signal: 1, Type: quant, RT: 7.79, Det: GC ECD1A

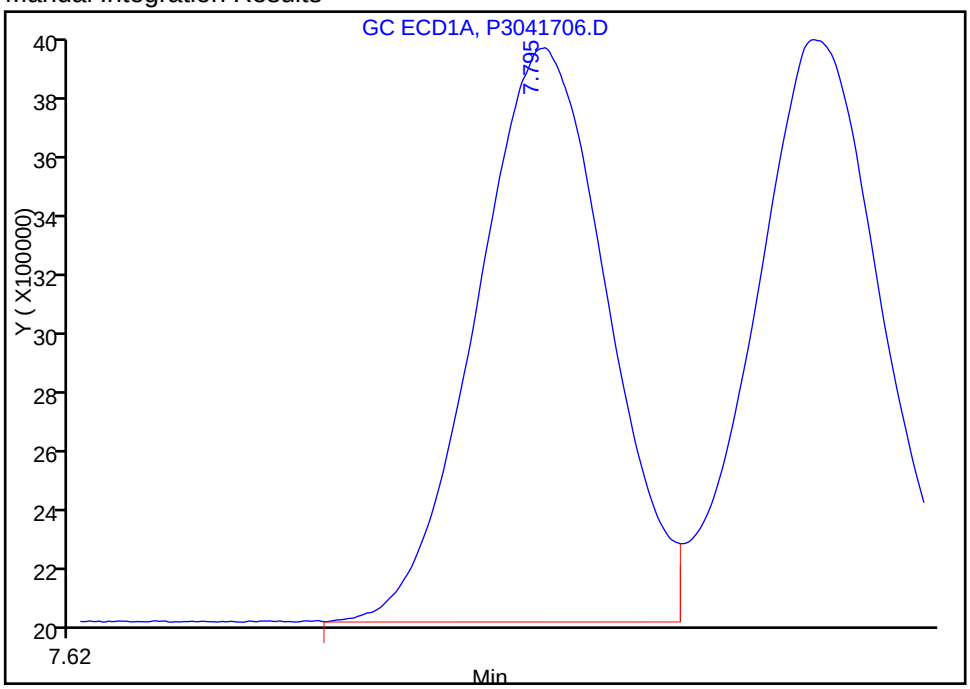
Processing Integration Results

RT: 7.80
Response: 6651096
Amount: 0.005770



Manual Integration Results

RT: 7.80
Response: 6348996
Amount: 0.005508



Reviewer: shockr, 17-Apr-2013 17:36:42
Audit Action: Assigned New Baseline
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

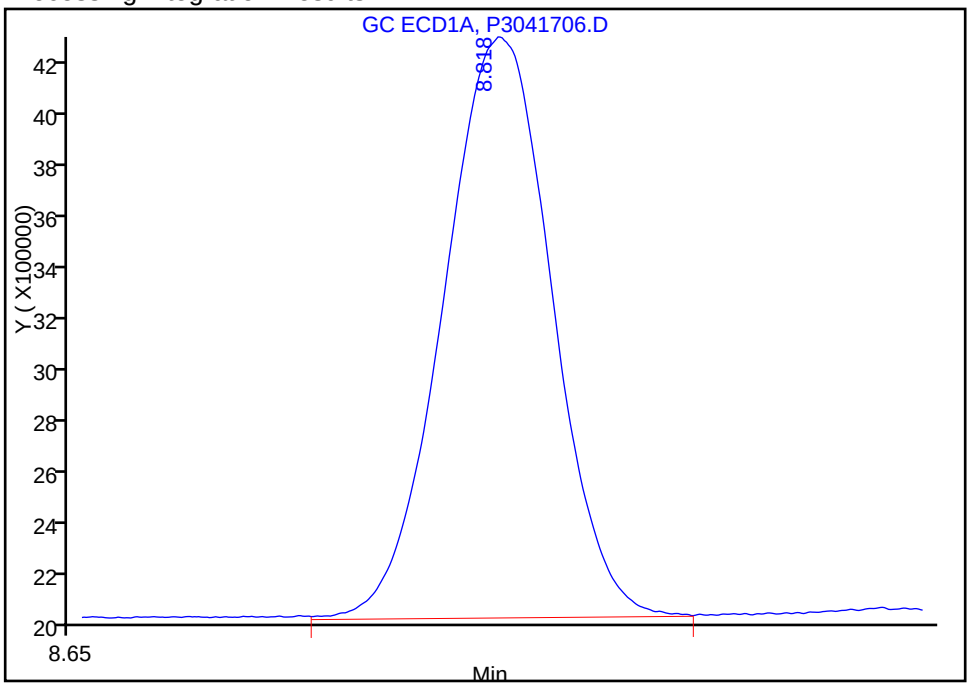
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP3\20130417-18976.b\P3041706.D		
Injection Date:	17-Apr-2013 16:36:04	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82389	Lims Sample ID:	6
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

17 Endrin, Signal: 1, Type: quant, RT: 8.81, Det: GC ECD1A

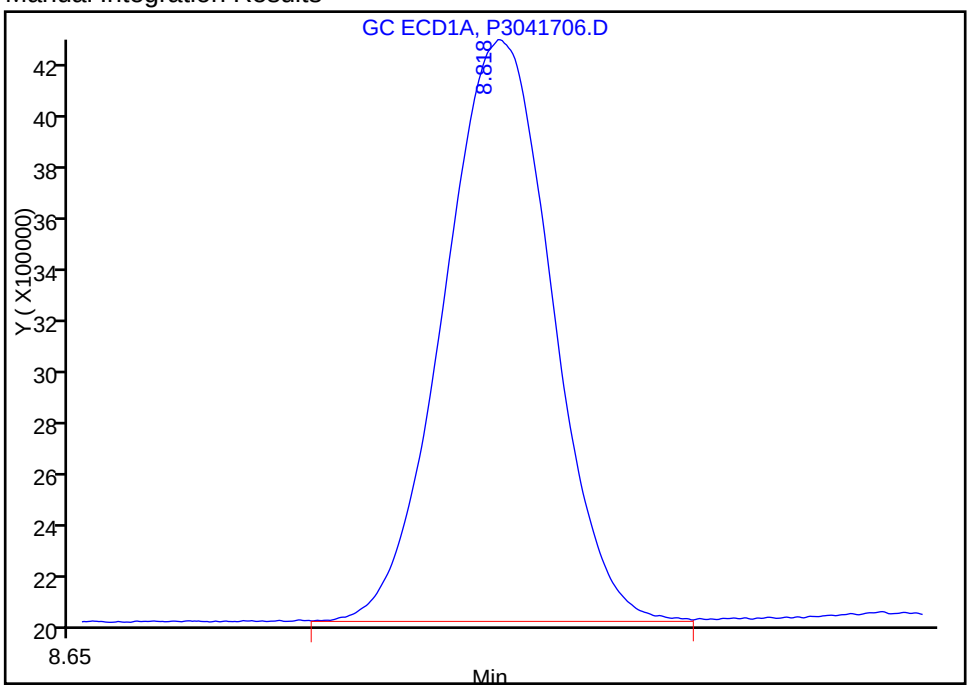
Processing Integration Results

RT: 8.82
Response: 6558788
Amount: 0.005516



Manual Integration Results

RT: 8.82
Response: 6528422
Amount: 0.005490



Reviewer: shockr, 17-Apr-2013 17:36:42
Audit Action: Assigned New Baseline
Audit Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-82389/6

Matrix: Water | Lab File ID: P3041706.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/17/2013 16:36

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.: 82389 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	*4,4'-DDD*	*0.00560*		*0.0050*	0.0010	*0.00096*
72-55-9	*4,4'-DDE*	*0.00493*	*J*	*0.0050*	0.0010	*0.00097*
50-29-3	*4,4'-DDT*	*0.00488*	*J*	*0.0050*	0.0030	*0.0016*
309-00-2	*Aldrin*	*0.00520*		*0.0050*	0.0010	*0.00082*
319-84-6	*alpha-BHC*	*0.00507*		*0.0050*	0.0010	*0.00070*
5103-71-9	*alpha-Chlordane*	*0.00556*	*M*	*0.0050*	0.0010	*0.0014*
319-85-7	*beta-BHC*	*0.00626*		*0.0050*	0.0010	*0.00084*
319-86-8	*delta-BHC*	*0.00513*		*0.0050*	0.0010	*0.00087*
60-57-1	*Dieldrin*	*0.00530*		*0.0050*	0.0010	*0.00075*
959-98-8	*Endosulfan I*	*0.00580*	*M*	*0.0050*	0.0010	*0.0013*
33213-65-9	*Endosulfan II*	*0.00640*		*0.0050*	0.0010	*0.0012*
1031-07-8	*Endosulfan sulfate*	*0.00605*		*0.0050*	0.0010	*0.0011*
72-20-8	*Endrin*	*0.00575*		*0.0050*	0.0010	*0.0011*
7421-93-4	*Endrin aldehyde*	*0.00629*		*0.0050*	0.0010	*0.0011*
53494-70-5	*Endrin ketone*	*0.00606*		*0.0050*	0.0010	*0.00078*
58-89-9	*gamma-BHC (Lindane)*	*0.00535*		*0.0050*	0.0010	*0.00064*
5103-74-2	*gamma-Chlordane*	*0.00550*	*M*	*0.0050*	0.0010	*0.0012*
76-44-8	*Heptachlor*	*0.00599*		*0.0050*	0.0010	*0.00080*
1024-57-3	*Heptachlor epoxide*	*0.00573*	*M*	*0.0050*	0.0010	*0.00071*
72-43-5	*Methoxychlor*	*0.00639*	*J*	*0.010*	0.0030	*0.0032*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	126		50-150
877-09-8	Tetrachloro-m-xylene	92		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130417-18976.b\P3041706.D
Lims ID: MRL Client ID:
Inject. Date: 17-Apr-2013 16:36:04 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0018976-006
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 82389 Lims Sample ID: 6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130417-18976.b\PEST3.m
Last Update: 18-Apr-2013 09:20:13 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: XAWRK031

First Level Reviewer: shockr Date: 17-Apr-2013 17:36:42

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.493	3.494	-0.001	5371320	0.004882			
2	100	4.093	4.094	-0.001	2778417	0.004600			
						RPD = 5.95			
12 Diallate									
1	100		3.756						
1	2		4.064						
2	100		4.335						
2	2		4.671						
24 Hexachlorobenzene									
1	100		3.966						
2	100		4.709						
5 alpha-BHC									
1	100	4.184	4.184	0.000	7822886	0.004818			
2	100	4.949	4.951	-0.002	3902933	0.005069			
						RPD = 5.08			
20 gamma-BHC (Lindane)									
1	100	4.565	4.564	0.001	7186048	0.004938			
2	100	5.533	5.535	-0.002	3622205	0.005350			
						RPD = 8.00			
7 beta-BHC									
1	100	4.698	4.696	0.002	3469894	0.005610			
2	100	5.719	5.720	-0.001	1851875	0.006263			
						RPD = 10.99			
11 delta-BHC									
1	100	4.912	4.911	0.001	7060102	0.004770			
2	100	6.303	6.305	-0.002	3565429	0.005126			
						RPD = 7.19			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									1
1	100		5.080						
1	2		5.936						
1	3		7.169						
1	4		7.510						
2	100		6.058						
2	2		7.630						
2	3		9.008						
2	4		9.318						
22 Heptachlor									
1	100	5.194	5.193	0.001	7344406	0.005702			
2	100	6.366	6.367	-0.001	3489917	0.005986			
						RPD = 4.87			
4 Aldrin									
1	100	5.644	5.642	0.002	6721453	0.004942			
2	100	7.114	7.115	-0.001	3465458	0.005203			
						RPD = 5.13			
25 Isodrin									
1	100		6.226						
2	100		8.127						
23 Heptachlor epoxide									M
1	100	6.870	6.867	0.003	6701577	0.005448			
2	100	8.608	8.608	0.000	3330593	0.005729			M
						RPD = 5.03			
21 gamma-Chlordane									M
1	100	7.172	7.169	0.003	6671387	0.005280			
2	100	9.013	9.014	-0.001	3224902	0.005498			M
						RPD = 4.04			
6 alpha-Chlordane									M
1	100	7.519	7.515	0.004	6979893	0.005412			M
2	100	9.322	9.322	0.000	3392299	0.005558			M
						RPD = 2.66			
14 Endosulfan I									M
1	100	7.795	7.793	0.002	6348996	0.005508			M
2	100	9.388	9.388	0.000	3081311	0.005799			M
						RPD = 5.15			
2 4,4'-DDE									M
1	100	7.894	7.895	-0.001	6236487	0.004924			M
2	100	9.768	9.769	-0.001	3008881	0.004934			
						RPD = 0.20			
28 Mirex									M
1	100	8.277	8.279	-0.002	12759	0			M
2	100	9.210	9.197	0.013	6091	0			M
						RPD = 0.00			
13 Dieldrin									M
1	100	8.358	8.356	0.002	6533472	0.005151			M
2	100	9.916	9.915	0.001	3152253	0.005303			
						RPD = 2.92			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
17 Endrin									M
1	100	8.818	8.815	0.003	6528422	0.005490			M
2	100	10.438	10.437	0.001	3082838	0.005754			
						RPD = 4.69			
26 Kepone									1
1	100		8.884						
2	100		10.593						
1 4,4'-DDD									
1	100	9.186	9.182	0.004	5285422	0.005447			
2	100	10.777	10.777	0.000	2395603	0.005603			
						RPD = 2.82			
15 Endosulfan II									
1	100	9.271	9.270	0.001	5890721	0.005382			
2	100	10.809	10.809	0.000	3106892	0.006400			
						RPD = 17.28			
9 Chlorobenzilate									1
1	100		9.286						
2	100		10.594						
3 4,4'-DDT									
1	100	9.711	9.708	0.003	4364706	0.004733			
2	100	11.258	11.257	0.001	1930885	0.004882			
						RPD = 3.09			
18 Endrin aldehyde									
1	100	10.076	10.072	0.004	5065260	0.005751			
2	100	11.374	11.375	-0.001	2483496	0.006286			
						RPD = 8.88			
30 Toxaphene									1
1	1		10.263						
1	2		10.606						
1	3		10.757						
1	4		11.178						
1	5		11.446						
2	100		10.358						
2	2		10.952						
2	3		11.374						
2	4		12.116						
2	5		12.677						
27 Methoxychlor									
1	100	10.673	10.670	0.003	2943684	0.006380			
2	100	12.340	12.339	0.001	1274932	0.006390			
						RPD = 0.16			
16 Endosulfan sulfate									
1	100	10.807	10.804	0.003	5471829	0.005577			
2	100	11.793	11.792	0.001	2675459	0.006050			
						RPD = 8.13			
19 Endrin ketone									
1	100	11.208	11.204	0.004	6381024	0.005575			
2	100	12.540	12.541	-0.001	3038970	0.006059			
						RPD = 8.33			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 10 DCB Decachlorobiphenyl									
1	100	12.828	12.826	0.002	5835491	0.006077			
2	100	14.256	14.256	0.000	3038795	0.006322			
						RPD = 3.94			

QC Flag Legend

Processing Flags
1 - Missing Peaks

Review Flags
M - Manually Integrated

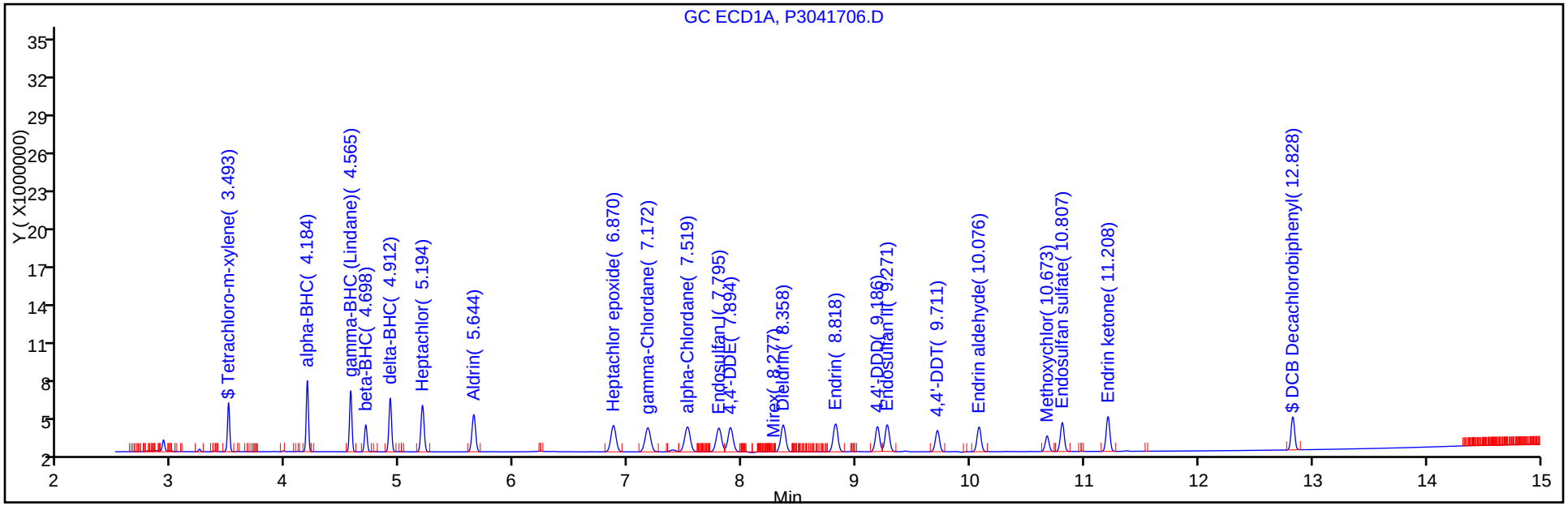
Report Date: 18-Apr-2013 09:20:16 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

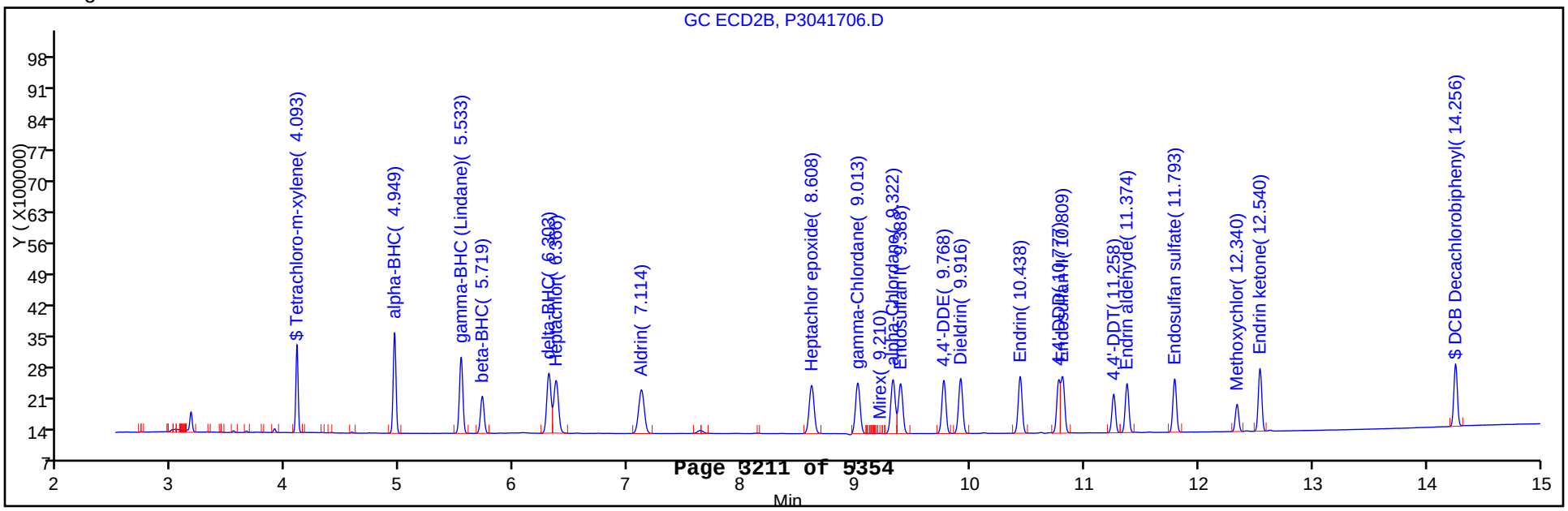
Data File: \\NCChrom\ChromData\A2HP3\20130417-18976.b\P3041706.D

Injection Date:	17-Apr-2013 16:36:04	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82389	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



Manual Integration/User Assign Peak Report

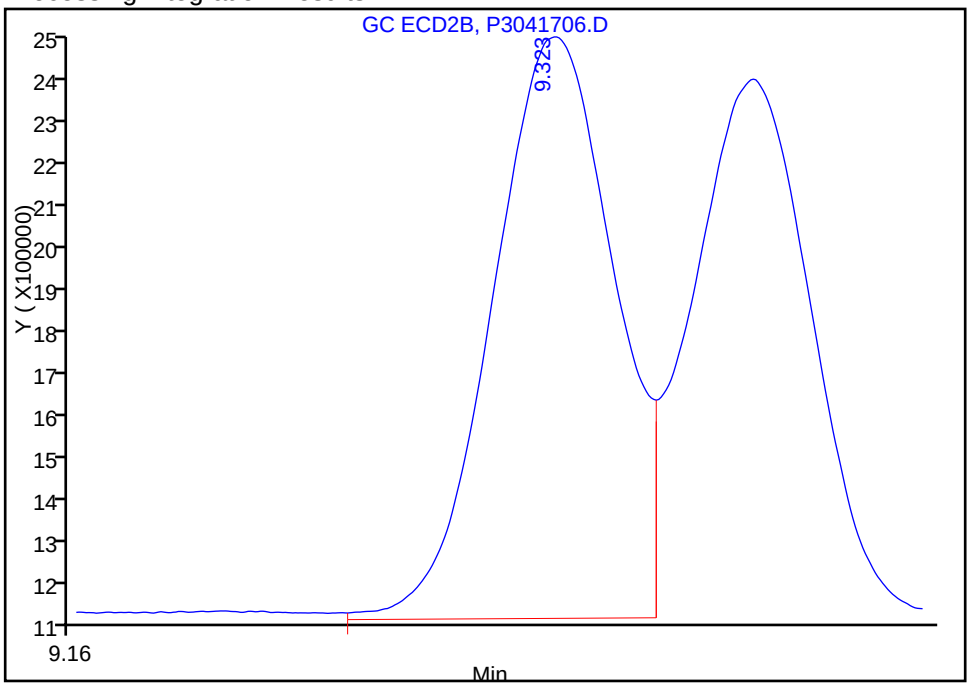
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP3\20130417-18976.b\P3041706.D		
Injection Date:	17-Apr-2013 16:36:04	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82389	Lims Sample ID:	6
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

6 alpha-Chlordane, Signal: 2, Type: quant, RT: 9.32, Det: GC ecd2b

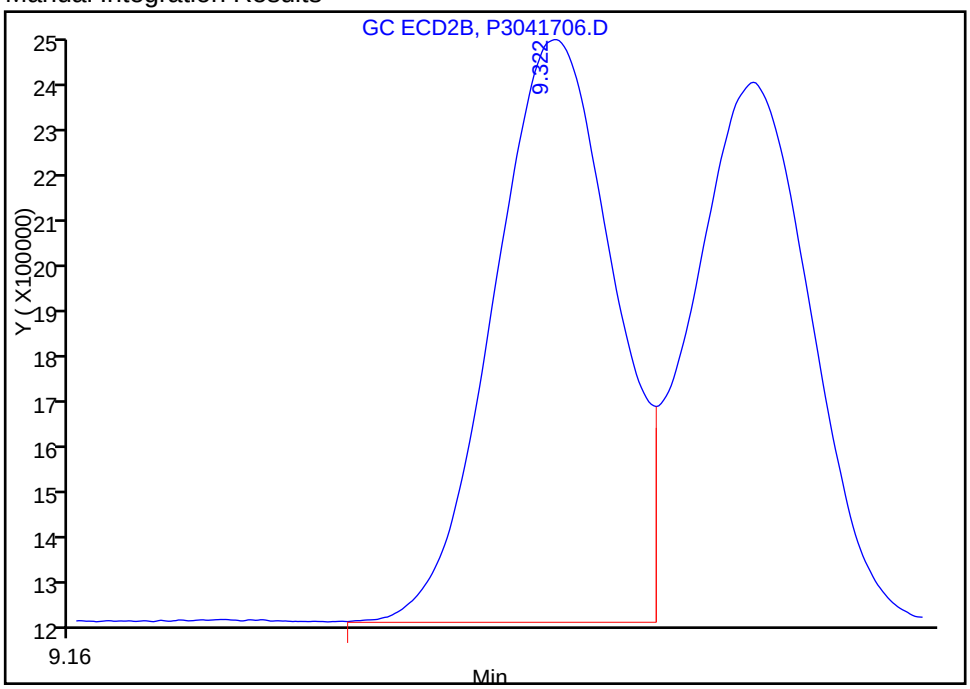
Processing Integration Results

RT: 9.32
Response: 3457204
Amount: 0.005665



Manual Integration Results

RT: 9.32
Response: 3392299
Amount: 0.005558



Reviewer: shockr, 17-Apr-2013 17:36:42
Audit Action: Assigned New Baseline
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

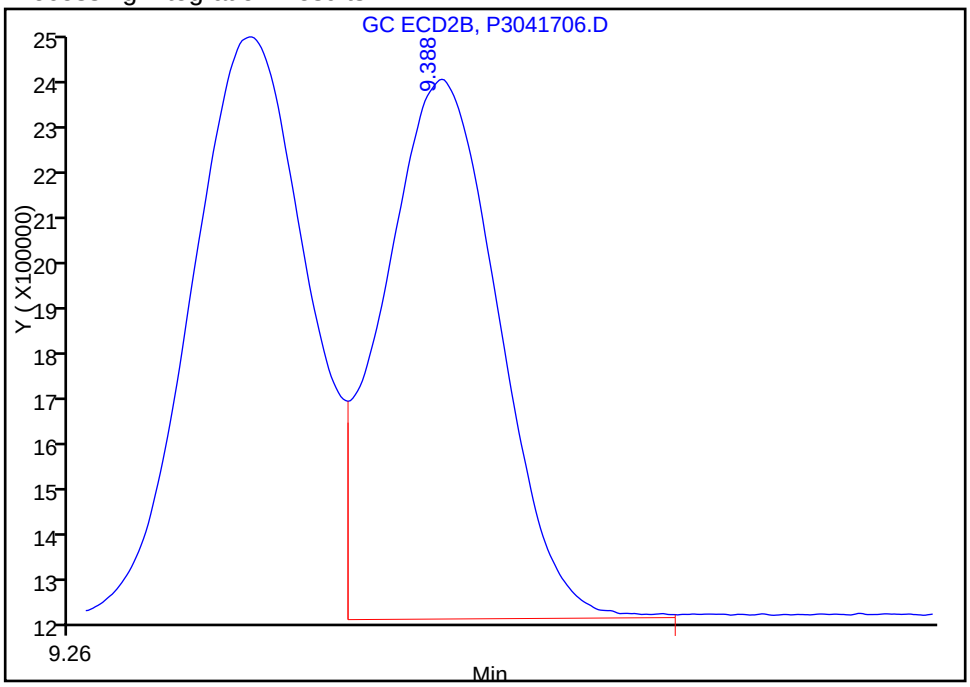
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP3\20130417-18976.b\P3041706.D		
Injection Date:	17-Apr-2013 16:36:04	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82389	Lims Sample ID:	6
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

14 Endosulfan I, Signal: 2, Type: quant, RT: 9.39, Det: GC ecd2b

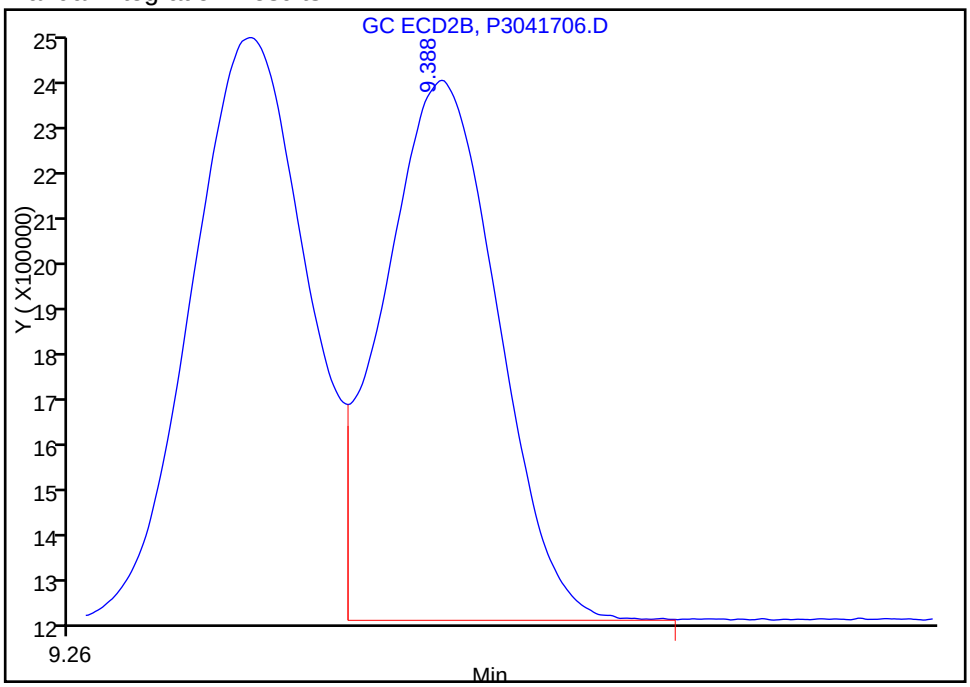
Processing Integration Results

RT: 9.39
Response: 3125783
Amount: 0.005883



Manual Integration Results

RT: 9.39
Response: 3081311
Amount: 0.005799



Reviewer: shockr, 17-Apr-2013 17:36:42
Audit Action: Assigned New Baseline
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

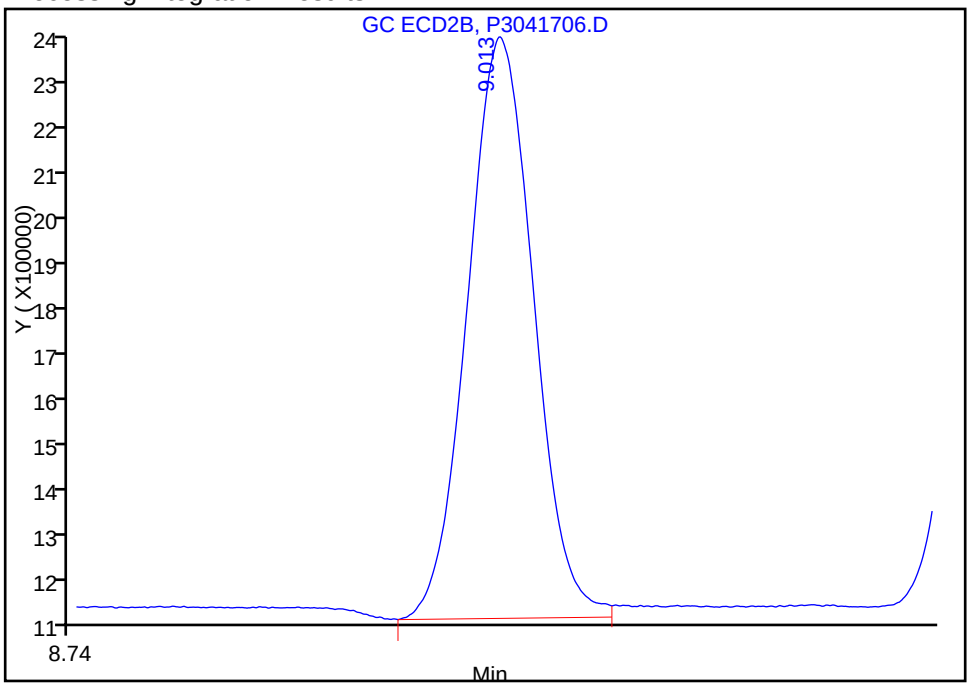
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP3\20130417-18976.b\P3041706.D		
Injection Date:	17-Apr-2013 16:36:04	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82389	Lims Sample ID:	6
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

21 gamma-Chlordane, Signal: 2, Type: quant, RT: 9.01, Det: GC ecd2b

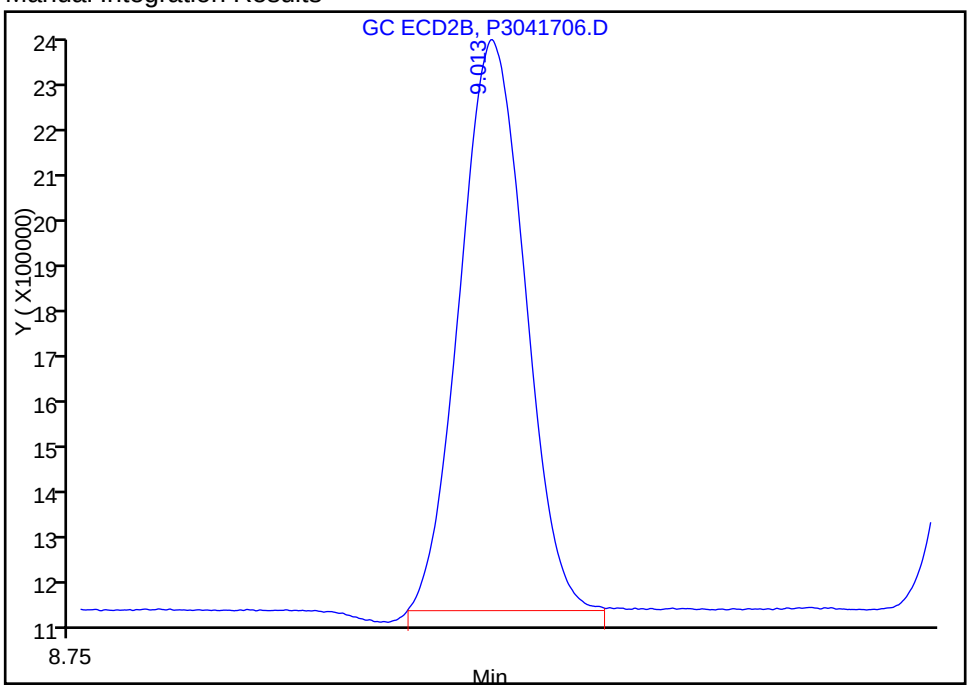
Processing Integration Results

RT: 9.01
Response: 3383843
Amount: 0.005769



Manual Integration Results

RT: 9.01
Response: 3224902
Amount: 0.005498



Reviewer: shockr, 17-Apr-2013 17:36:42
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

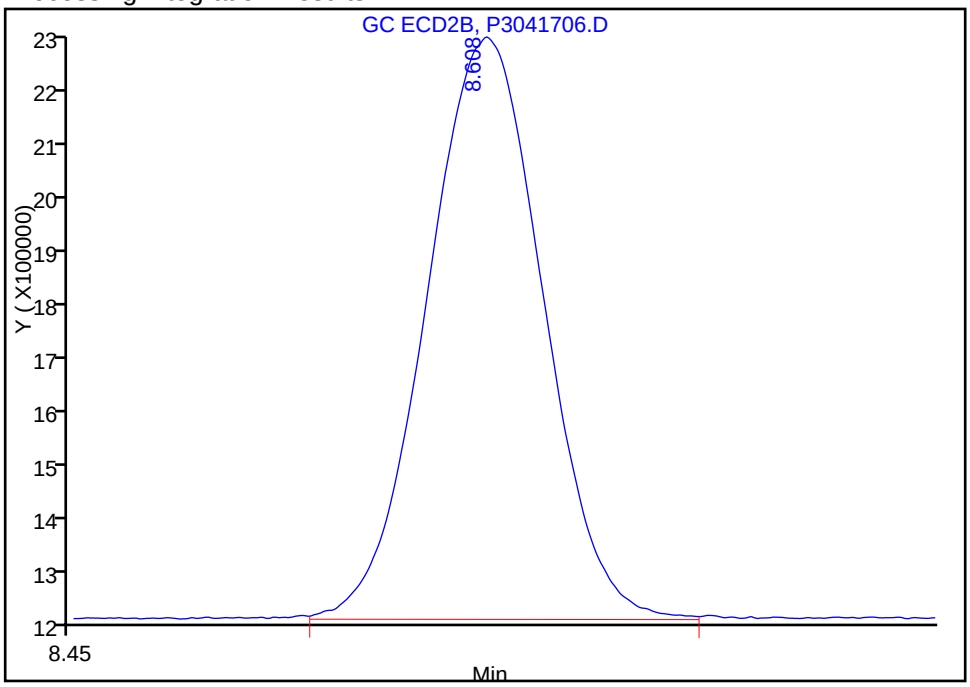
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP3\20130417-18976.b\P3041706.D		
Injection Date:	17-Apr-2013 16:36:04	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82389	Lims Sample ID:	6
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

23 Heptachlor epoxide, Signal: 2, Type: quant, RT: 8.61, Det: GC ecd2b

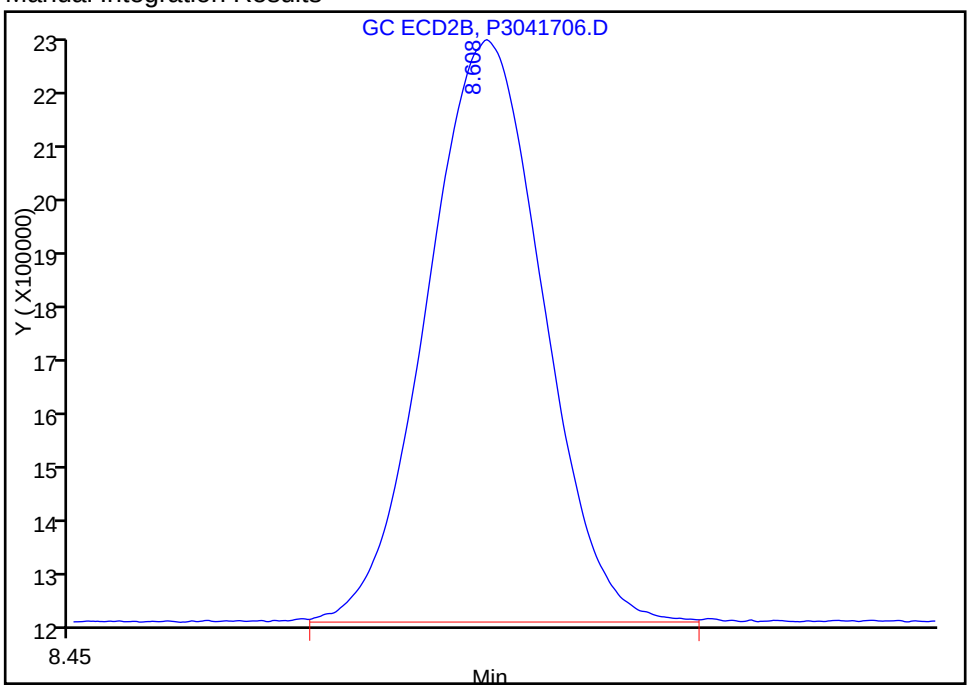
Processing Integration Results

RT: 8.61
Response: 3340592
Amount: 0.005747



Manual Integration Results

RT: 8.61
Response: 3330593
Amount: 0.005729



Reviewer: shockr, 17-Apr-2013 17:36:42
Audit Action: Assigned New Baseline
Audit Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-82389/15

Matrix: Water | Lab File ID: P3041722.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/17/2013 21:58

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.: 82389 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.00533		0.0050	0.0010	0.00096
72-55-9	4,4'-DDE	0.00482	J	0.0050	0.0010	0.00097
50-29-3	4,4'-DDT	0.00473	J	0.0050	0.0030	0.0016
309-00-2	Aldrin	0.00481	J	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	0.00518		0.0050	0.0010	0.0014
319-85-7	beta-BHC	0.00551		0.0050	0.0010	0.00084
319-86-8	delta-BHC	0.00468	J	0.0050	0.0010	0.00087
60-57-1	Dieldrin	0.00512		0.0050	0.0010	0.00075
959-98-8	Endosulfan I	0.00537		0.0050	0.0010	0.0013
33213-65-9	Endosulfan II	0.00531		0.0050	0.0010	0.0012
1031-07-8	Endosulfan sulfate	0.00538		0.0050	0.0010	0.0011
72-20-8	Endrin	0.00533		0.0050	0.0010	0.0011
7421-93-4	Endrin aldehyde	0.00557		0.0050	0.0010	0.0011
53494-70-5	Endrin ketone	0.00538		0.0050	0.0010	0.00078
58-89-9	gamma-BHC (Lindane)	0.00491	J	0.0050	0.0010	0.00064
5103-74-2	gamma-Chlordane	0.00514		0.0050	0.0010	0.0012
76-44-8	Heptachlor	0.00563		0.0050	0.0010	0.00080
1024-57-3	Heptachlor epoxide	0.00532		0.0050	0.0010	0.00071
72-43-5	Methoxychlor	0.00623	J	0.010	0.0030	0.0032

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	114		50-150
877-09-8	Tetrachloro-m-xylene	96		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130417-18976.b\P3041722.D
Lims ID: MRL Client ID:
Inject. Date: 17-Apr-2013 21:58:41 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0018976-015
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 15
Lims Batch ID: 82389 Lims Sample ID: 15
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130417-18976.b\PEST3.m
Last Update: 18-Apr-2013 09:19:54 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: XAWRK031

First Level Reviewer: shockr Date: 18-Apr-2013 08:45:26

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.494	3.493	0.001	5270203	0.004790			
2	100	4.093	4.092	0.001	2719627	0.004503			
						RPD = 6.18			
12 Diallate									1
1	100		3.756						
1	2		4.064						
2	100		4.335						
2	2		4.671						
24 Hexachlorobenzene									
1	100		3.966						
2	100		4.709						
5 alpha-BHC									
1	100	4.184	4.183	0.001	7707034	0.004747			
2	100	4.948	4.948	0.000	3856214	0.005009			
						RPD = 5.37			
20 gamma-BHC (Lindane)									
1	100	4.564	4.563	0.001	7140839	0.004907			
2	100	5.531	5.531	0.000	3591798	0.005305			
						RPD = 7.79			
7 beta-BHC									
1	100	4.697	4.697	0.000	3407012	0.005509			
2	100	5.716	5.717	-0.001	1818420	0.006149			
						RPD = 10.99			
11 delta-BHC									
1	100	4.911	4.910	0.001	6930230	0.004682			
2	100	6.301	6.301	0.000	3523279	0.005065			
						RPD = 7.86			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100		5.080						
1	2		5.936						
1	3		7.170						
1	4		7.513						
2	100		6.058						
2	2		7.633						
2	3		9.011						
2	4		9.317						
22 Heptachlor									
1	100	5.194	5.193	0.001	7247114	0.005626			
2	100	6.364	6.364	0.000	3330295	0.005713			
						RPD = 1.52			
4 Aldrin									
1	100	5.643	5.643	0.000	6547019	0.004814			
2	100	7.111	7.111	0.000	3425084	0.005142			
						RPD = 6.59			
25 Isodrin									
1	100		6.226						
2	100		8.127						
23 Heptachlor epoxide									
1	100	6.868	6.867	0.001	6539916	0.005317			
2	100	8.605	8.604	0.001	3275552	0.005635			
						RPD = 5.80			
21 gamma-Chlordane									
1	100	7.169	7.169	0.000	6496897	0.005142			
2	100	9.010	9.009	0.001	3227096	0.005501			
						RPD = 6.75			
6 alpha-Chlordane									
1	100	7.518	7.518	0.000	6679095	0.005179			
2	100	9.318	9.319	-0.001	3279502	0.005373			
						RPD = 3.69			
14 Endosulfan I									
1	100	7.793	7.792	0.001	6188347	0.005369			
2	100	9.385	9.385	0.000	2993606	0.005634			
						RPD = 4.82			
2 4,4'-DDE									
1	100	7.894	7.894	0.000	6101815	0.004818			
2	100	9.765	9.765	0.000	2912098	0.004775			
						RPD = 0.89			
28 Mirex									
1	100		8.279						
2	100		9.197						
13 Dieldrin									
1	100	8.358	8.357	0.001	6490827	0.005117			
2	100	9.913	9.912	0.001	3065571	0.005158			
						RPD = 0.78			
17 Endrin									
1	100	8.816	8.814	0.002	6337846	0.005330			
2	100	10.436	10.435	0.001	3019807	0.005636			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									
1	100		8.884						
2	100		10.593						
1 4,4'-DDD									
1	100	9.185	9.182	0.003	5176337	0.005335			
2	100	10.773	10.773	0.000	2372306	0.005549			
						RPD = 3.93			
15 Endosulfan II									
1	100	9.269	9.269	0.000	5813472	0.005311			
2	100	10.807	10.806	0.001	2880090	0.005933			
						RPD = 11.05			
9 Chlorobenzilate									1
1	100		9.286						
2	100		10.594						
3 4,4'-DDT									
1	100	9.710	9.709	0.001	4364795	0.004733			
2	100	11.255	11.255	0.000	1948326	0.004926			
						RPD = 3.99			
18 Endrin aldehyde									
1	100	10.074	10.073	0.001	4904801	0.005569			
2	100	11.372	11.371	0.001	2426614	0.006142			
						RPD = 9.78			
30 Toxaphene									1
1	1		10.263						
1	2		10.609						
1	3		10.760						
1	4		11.179						
1	5		11.447						
2	100		10.362						
2	2		10.955						
2	3		11.378						
2	4		12.119						
2	5		12.679						
27 Methoxychlor									
1	100	10.671	10.672	-0.001	2876846	0.006235			
2	100	12.337	12.336	0.001	1259562	0.006313			
						RPD = 1.25			
16 Endosulfan sulfate									
1	100	10.805	10.804	0.001	5274719	0.005377			
2	100	11.790	11.790	0.000	2598919	0.005877			
						RPD = 8.89			
19 Endrin ketone									
1	100	11.206	11.204	0.002	6157481	0.005379			
2	100	12.538	12.537	0.001	2974592	0.005931			
						RPD = 9.75			
$ 10 DCB Decachlorobiphenyl									
1	100	12.828	12.827	0.001	5475207	0.005702			
2	100	14.253	14.252	0.001	2960525	0.006159			
						RPD = 7.70			

QC Flag Legend

Processing Flags
1 - Missing Peaks

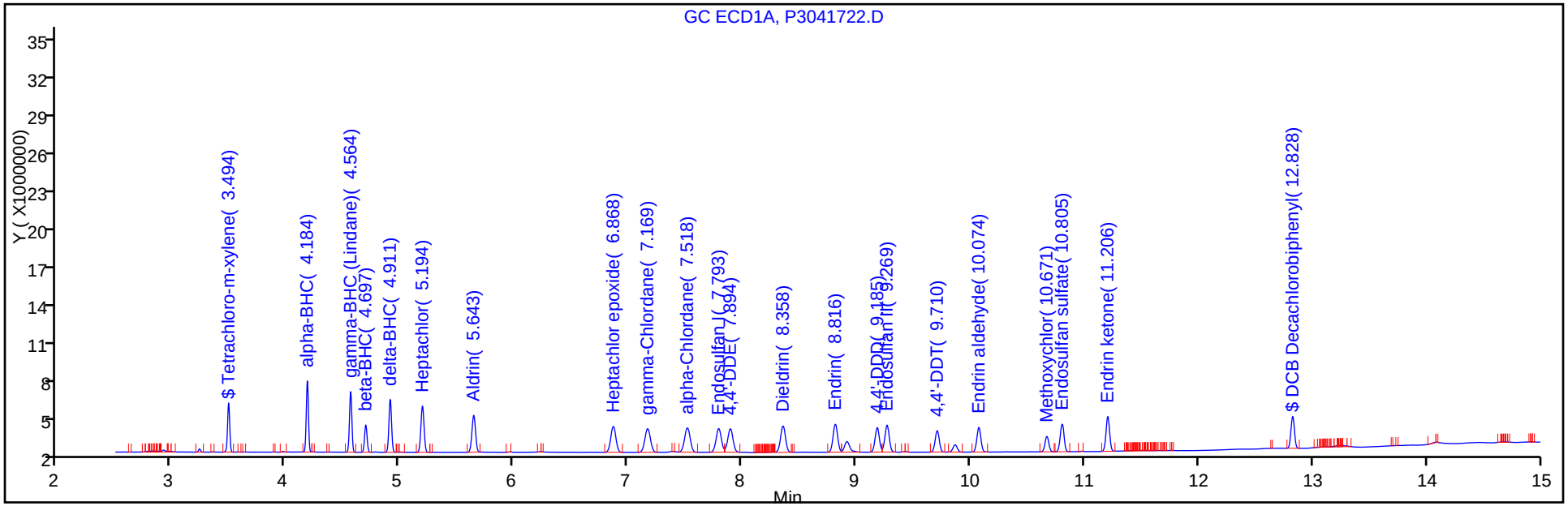
Report Date: 18-Apr-2013 09:19:59 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

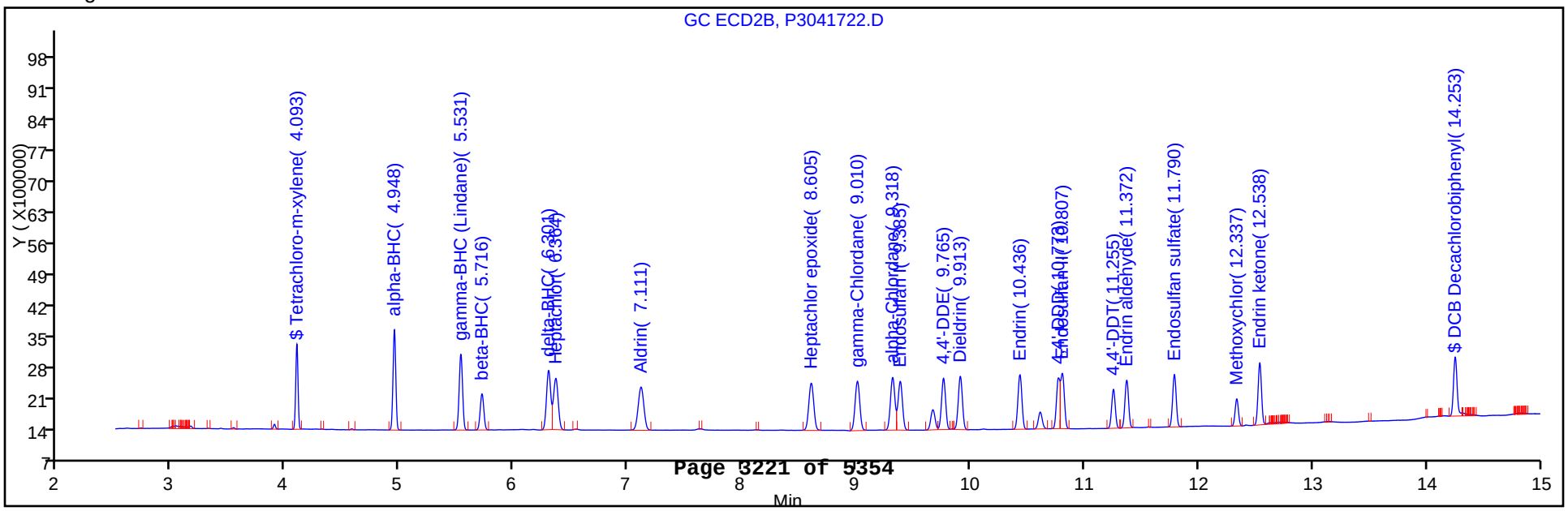
Data File: \\NCChrom\ChromData\A2HP3\20130417-18976.b\P3041722.D

Injection Date:	17-Apr-2013 21:58:41	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82389	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.: 240-22648-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-82389/15

Matrix: Water | Lab File ID: P3041722.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/17/2013 21:58

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.: 82389 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	*4,4'-DDD*	*0.00555*		*0.0050*	0.0010	*0.00096*
72-55-9	*4,4'-DDE*	*0.00478*	*J*	*0.0050*	0.0010	*0.00097*
50-29-3	*4,4'-DDT*	*0.00493*	*J*	*0.0050*	0.0030	*0.0016*
309-00-2	*Aldrin*	*0.00514*		*0.0050*	0.0010	*0.00082*
319-84-6	*alpha-BHC*	*0.00501*		*0.0050*	0.0010	*0.00070*
5103-71-9	*alpha-Chlordane*	*0.00537*		*0.0050*	0.0010	*0.0014*
319-85-7	*beta-BHC*	*0.00615*		*0.0050*	0.0010	*0.00084*
319-86-8	*delta-BHC*	*0.00506*		*0.0050*	0.0010	*0.00087*
60-57-1	*Dieldrin*	*0.00516*		*0.0050*	0.0010	*0.00075*
959-98-8	*Endosulfan I*	*0.00563*		*0.0050*	0.0010	*0.0013*
33213-65-9	*Endosulfan II*	*0.00593*		*0.0050*	0.0010	*0.0012*
1031-07-8	*Endosulfan sulfate*	*0.00588*		*0.0050*	0.0010	*0.0011*
72-20-8	*Endrin*	*0.00564*		*0.0050*	0.0010	*0.0011*
7421-93-4	*Endrin aldehyde*	*0.00614*		*0.0050*	0.0010	*0.0011*
53494-70-5	*Endrin ketone*	*0.00593*		*0.0050*	0.0010	*0.00078*
58-89-9	*gamma-BHC (Lindane)*	*0.00531*		*0.0050*	0.0010	*0.00064*
5103-74-2	*gamma-Chlordane*	*0.00550*		*0.0050*	0.0010	*0.0012*
76-44-8	*Heptachlor*	*0.00571*		*0.0050*	0.0010	*0.00080*
1024-57-3	*Heptachlor epoxide*	*0.00563*		*0.0050*	0.0010	*0.00071*
72-43-5	*Methoxychlor*	*0.00631*	*J*	*0.010*	0.0030	*0.0032*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	123		50-150
877-09-8	Tetrachloro-m-xylene	90		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130417-18976.b\P3041722.D
Lims ID: MRL Client ID:
Inject. Date: 17-Apr-2013 21:58:41 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0018976-015
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 15
Lims Batch ID: 82389 Lims Sample ID: 15
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130417-18976.b\PEST3.m
Last Update: 18-Apr-2013 09:19:54 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: XAWRK031

First Level Reviewer: shockr Date: 18-Apr-2013 08:45:26

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.494	3.493	0.001	5270203	0.004790			
2	100	4.093	4.092	0.001	2719627	0.004503			
						RPD = 6.18			
12 Diallate									1
1	100		3.756						
1	2		4.064						
2	100		4.335						
2	2		4.671						
24 Hexachlorobenzene									
1	100		3.966						
2	100		4.709						
5 alpha-BHC									
1	100	4.184	4.183	0.001	7707034	0.004747			
2	100	4.948	4.948	0.000	3856214	0.005009			
						RPD = 5.37			
20 gamma-BHC (Lindane)									
1	100	4.564	4.563	0.001	7140839	0.004907			
2	100	5.531	5.531	0.000	3591798	0.005305			
						RPD = 7.79			
7 beta-BHC									
1	100	4.697	4.697	0.000	3407012	0.005509			
2	100	5.716	5.717	-0.001	1818420	0.006149			
						RPD = 10.99			
11 delta-BHC									
1	100	4.911	4.910	0.001	6930230	0.004682			
2	100	6.301	6.301	0.000	3523279	0.005065			
						RPD = 7.86			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100		5.080						
1	2		5.936						
1	3		7.170						
1	4		7.513						
2	100		6.058						
2	2		7.633						
2	3		9.011						
2	4		9.317						
22 Heptachlor									
1	100	5.194	5.193	0.001	7247114	0.005626			
2	100	6.364	6.364	0.000	3330295	0.005713			
						RPD = 1.52			
4 Aldrin									
1	100	5.643	5.643	0.000	6547019	0.004814			
2	100	7.111	7.111	0.000	3425084	0.005142			
						RPD = 6.59			
25 Isodrin									
1	100		6.226						
2	100		8.127						
23 Heptachlor epoxide									
1	100	6.868	6.867	0.001	6539916	0.005317			
2	100	8.605	8.604	0.001	3275552	0.005635			
						RPD = 5.80			
21 gamma-Chlordane									
1	100	7.169	7.169	0.000	6496897	0.005142			
2	100	9.010	9.009	0.001	3227096	0.005501			
						RPD = 6.75			
6 alpha-Chlordane									
1	100	7.518	7.518	0.000	6679095	0.005179			
2	100	9.318	9.319	-0.001	3279502	0.005373			
						RPD = 3.69			
14 Endosulfan I									
1	100	7.793	7.792	0.001	6188347	0.005369			
2	100	9.385	9.385	0.000	2993606	0.005634			
						RPD = 4.82			
2 4,4'-DDE									
1	100	7.894	7.894	0.000	6101815	0.004818			
2	100	9.765	9.765	0.000	2912098	0.004775			
						RPD = 0.89			
28 Mirex									
1	100		8.279						
2	100		9.197						
13 Dieldrin									
1	100	8.358	8.357	0.001	6490827	0.005117			
2	100	9.913	9.912	0.001	3065571	0.005158			
						RPD = 0.78			
17 Endrin									
1	100	8.816	8.814	0.002	6337846	0.005330			
2	100	10.436	10.435	0.001	3019807	0.005636			
						RPD = 5.53			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									
1	100		8.884						
2	100		10.593						
1 4,4'-DDD									
1	100	9.185	9.182	0.003	5176337	0.005335			
2	100	10.773	10.773	0.000	2372306	0.005549			
						RPD = 3.93			
15 Endosulfan II									
1	100	9.269	9.269	0.000	5813472	0.005311			
2	100	10.807	10.806	0.001	2880090	0.005933			
						RPD = 11.05			
9 Chlorobenzilate									1
1	100		9.286						
2	100		10.594						
3 4,4'-DDT									
1	100	9.710	9.709	0.001	4364795	0.004733			
2	100	11.255	11.255	0.000	1948326	0.004926			
						RPD = 3.99			
18 Endrin aldehyde									
1	100	10.074	10.073	0.001	4904801	0.005569			
2	100	11.372	11.371	0.001	2426614	0.006142			
						RPD = 9.78			
30 Toxaphene									1
1	1		10.263						
1	2		10.609						
1	3		10.760						
1	4		11.179						
1	5		11.447						
2	100		10.362						
2	2		10.955						
2	3		11.378						
2	4		12.119						
2	5		12.679						
27 Methoxychlor									
1	100	10.671	10.672	-0.001	2876846	0.006235			
2	100	12.337	12.336	0.001	1259562	0.006313			
						RPD = 1.25			
16 Endosulfan sulfate									
1	100	10.805	10.804	0.001	5274719	0.005377			
2	100	11.790	11.790	0.000	2598919	0.005877			
						RPD = 8.89			
19 Endrin ketone									
1	100	11.206	11.204	0.002	6157481	0.005379			
2	100	12.538	12.537	0.001	2974592	0.005931			
						RPD = 9.75			
$ 10 DCB Decachlorobiphenyl									
1	100	12.828	12.827	0.001	5475207	0.005702			
2	100	14.253	14.252	0.001	2960525	0.006159			
						RPD = 7.70			

QC Flag Legend

Processing Flags
1 - Missing Peaks

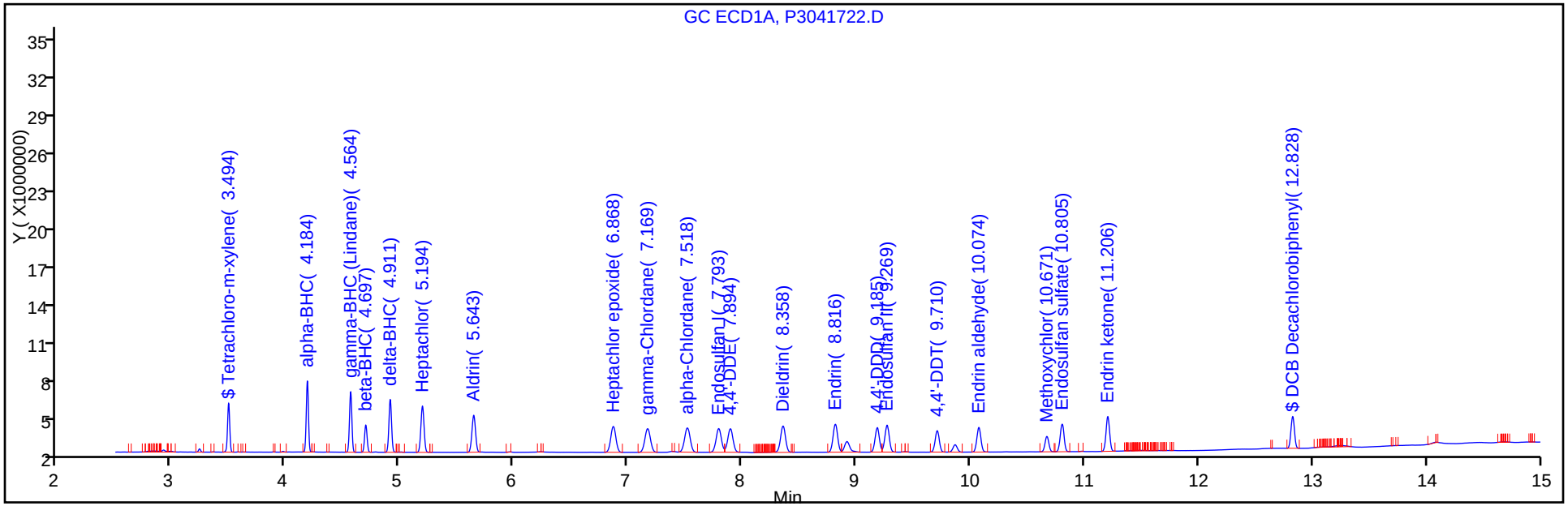
Report Date: 18-Apr-2013 09:19:59 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

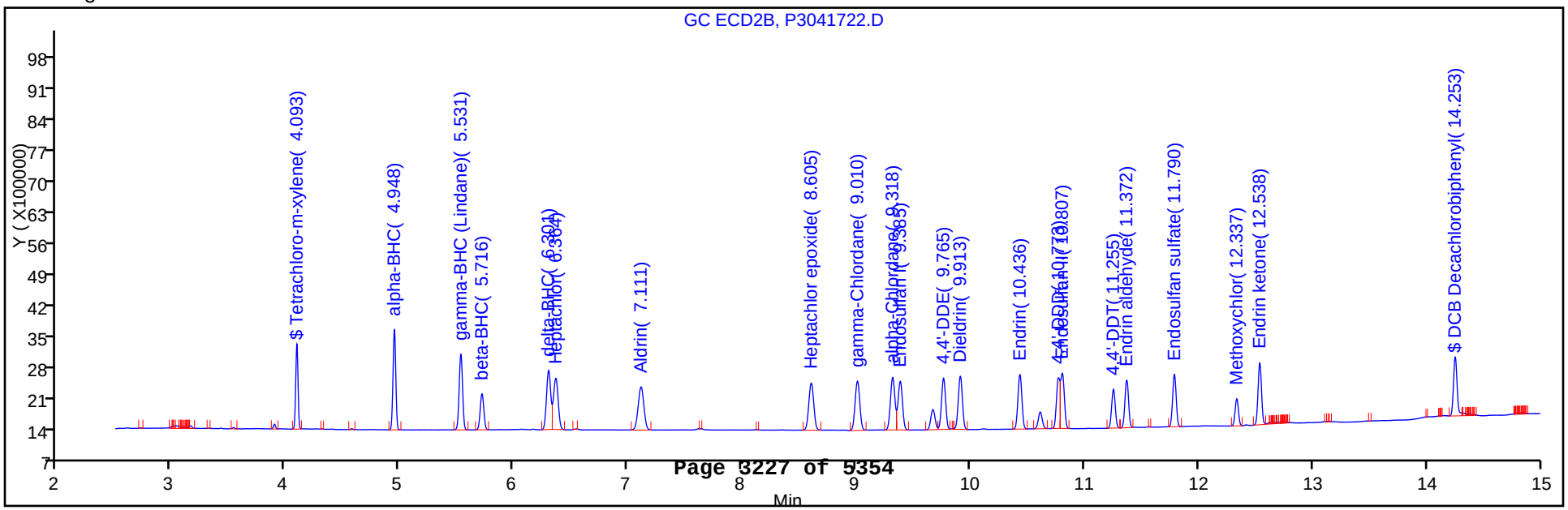
Data File: \\NCChrom\ChromData\A2HP3\20130417-18976.b\P3041722.D

Injection Date:	17-Apr-2013 21:58:41	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82389	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.: 240-22648-1

SDG No.:

Client Sample ID: 079SB-0069M-0001-SO MS | Lab Sample ID: 240-22648-36 MS

Matrix: Solid | Lab File ID: P3041717.D

Analysis Method: 8081/DOD | Date Collected: 03/28/2013 16:15

Extraction Method: 3540C | Date Extracted: 04/16/2013 11:34

Sample wt/vol: 29.89(g) | Date Analyzed: 04/17/2013 20:17

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.: 82389 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	25.8	H	2.0	0.67	0.62
72-55-9	4,4'-DDE	21.4	H J	1.7	0.67	0.39
50-29-3	4,4'-DDT	28.0	H	2.0	0.67	0.63
309-00-2	Aldrin	18.7	H	4.0	1.3	1.2
319-84-6	alpha-BHC	25.1	H	2.5	1.3	0.73
5103-71-9	alpha-Chlordane	22.0	H	3.0	1.3	0.94
319-85-7	beta-BHC	23.5	H	3.5	1.3	1.1
319-86-8	delta-BHC	25.4	H	4.0	1.3	1.2
60-57-1	Dieldrin	25.8	H	1.7	0.67	0.47
959-98-8	Endosulfan I	15.2	H	1.7	0.67	0.52
33213-65-9	Endosulfan II	20.6	H	2.5	1.3	0.82
1031-07-8	Endosulfan sulfate	24.4	H	3.0	1.3	0.87
72-20-8	Endrin	25.6	H	1.7	0.67	0.50
7421-93-4	Endrin aldehyde	23.0	H	3.0	1.3	1.0
53494-70-5	Endrin ketone	23.8	H	2.0	0.67	0.63
58-89-9	gamma-BHC (Lindane)	25.6	H	2.5	1.3	0.74
5103-74-2	gamma-Chlordane	25.4	H	1.7	0.67	0.42
76-44-8	Heptachlor	27.4	H	3.5	1.3	1.1
1024-57-3	Heptachlor epoxide	24.9	H	2.5	1.3	0.80
72-43-5	Methoxychlor	27.3	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	72		55-130
877-09-8	Tetrachloro-m-xylene	88		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130417-18976.b\P3041717.D
Lims ID: 240-22648-G-36-J MS Client ID:
Inject. Date: 17-Apr-2013 20:17:54 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0018976-042
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 42
Lims Batch ID: 82389 Lims Sample ID: 42
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130417-18976.b\PEST3.m
Last Update: 18-Apr-2013 09:19:59 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: XAWRK031

First Level Reviewer: shockr Date: 18-Apr-2013 08:32:13

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.496	3.494	0.002	19316997	0.0176			
2	100	4.094	4.094	0.000	8524438	0.0141			
						RPD = 21.75			
12 Diallate									
1	100		3.756						
1	2		4.064						
2	100		4.335						
2	2		4.671						
24 Hexachlorobenzene									
1	100		3.966						
2	100		4.709						
5 alpha-BHC									
1	100	4.186	4.184	0.002	121721638	0.0750			
2	100	4.949	4.951	-0.002	69324729	0.0900			
						RPD = 18.27			
20 gamma-BHC (Lindane)									
1	100	4.565	4.564	0.001	111445489	0.0766			
2	100	5.533	5.535	-0.002	60555178	0.0894			
						RPD = 15.49			
7 beta-BHC									
1	100	4.699	4.696	0.003	43372589	0.0701			
2	100	5.718	5.720	-0.002	25201868	0.0852			
						RPD = 19.44			
11 delta-BHC									
1	100	4.913	4.911	0.002	112286492	0.0759			
2	100	6.302	6.305	-0.003	50827540	0.0731			
						RPD = 3.75			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100		5.080						
1	2		5.936						
1	3		7.170						
1	4		7.513						
2	100		6.058						
2	2		7.633						
2	3		9.011						
2	4		9.317						
22 Heptachlor									
1	100	5.196	5.193	0.003	105553105	0.0819			
2	100	6.365	6.367	-0.002	47749522	0.0819			
						RPD = 0.05			
4 Aldrin									
1	100	5.645	5.642	0.003	75987836	0.0559			
2	100	7.114	7.115	-0.001	54705805	0.0821			
						RPD = 38.05			
25 Isodrin									
1	100		6.226						
2	100		8.127						
23 Heptachlor epoxide									
1	100	6.869	6.867	0.002	91630025	0.0745			
2	100	8.605	8.608	-0.003	51581647	0.0887			
						RPD = 17.44			
21 gamma-Chlordane									
1	100	7.171	7.169	0.002	95875553	0.0759			
2	100	9.011	9.014	-0.003	47900729	0.0817			
						RPD = 7.33			
6 alpha-Chlordane									
1	100	7.519	7.515	0.004	84926811	0.0658			
2	100	9.321	9.322	-0.001	48539717	0.0795			
						RPD = 18.82			
14 Endosulfan I									
1	100	7.795	7.793	0.002	52494890	0.0455			
2	100	9.386	9.388	-0.002	35967186	0.0677			
						RPD = 39.12			
2 4,4'-DDE									
1	100	7.895	7.895	0.000	81048475	0.0640			
2	100	9.767	9.769	-0.002	47827512	0.0784			
						RPD = 20.27			
28 Mirex									1
1	100		8.279						
2	100		9.197						
13 Dieldrin									
1	100	8.358	8.356	0.002	97819739	0.0771			
2	100	9.914	9.915	-0.001	49353255	0.0830			
						RPD = 7.38			
17 Endrin									
1	100	8.816	8.815	0.001	90824165	0.0764			
2	100	10.436	10.437	-0.001	47053205	0.0878			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									
1	100		8.884						
2	100		10.593						
1 4,4'-DDD									
1	100	9.184	9.182	0.002	74943292	0.0772			
2	100	10.774	10.777	-0.003	40360459	0.0944			
						RPD = 20.00			
15 Endosulfan II									
1	100	9.272	9.270	0.002	67301728	0.0615			
2	100	10.805	10.809	-0.004	34608805	0.0713			
						RPD = 14.77			
9 Chlorobenzilate									1
1	100		9.286						
2	100		10.594						
3 4,4'-DDT									
1	100	9.710	9.708	0.002	77279736	0.0838			
2	100	11.256	11.257	-0.001	35542315	0.0899			
						RPD = 6.98			
18 Endrin aldehyde									
1	100	10.074	10.072	0.002	60663043	0.0689			
2	100	11.373	11.375	-0.002	31524883	0.0798			
						RPD = 14.68			
30 Toxaphene									1
1	1		10.263						
1	2		10.609						
1	3		10.760						
1	4		11.179						
1	5		11.447						
2	100		10.362						
2	2		10.955						
2	3		11.378						
2	4		12.119						
2	5		12.679						
27 Methoxychlor									
1	100	10.673	10.670	0.003	37671212	0.0816			
2	100	12.337	12.339	-0.002	17716339	0.0888			
						RPD = 8.39			
16 Endosulfan sulfate									
1	100	10.805	10.804	0.001	71420984	0.0728			
2	100	11.791	11.792	-0.001	37472933	0.0847			
						RPD = 15.15			
19 Endrin ketone									
1	100	11.206	11.204	0.002	81490064	0.0712			
2	100	12.539	12.541	-0.002	41521471	0.0828			
						RPD = 15.06			
$ 10 DCB Decachlorobiphenyl									
1	100	12.828	12.826	0.002	13898822	0.0145			
2	100	14.254	14.256	-0.002	7183140	0.0149			
						RPD = 3.19			

QC Flag Legend

Processing Flags
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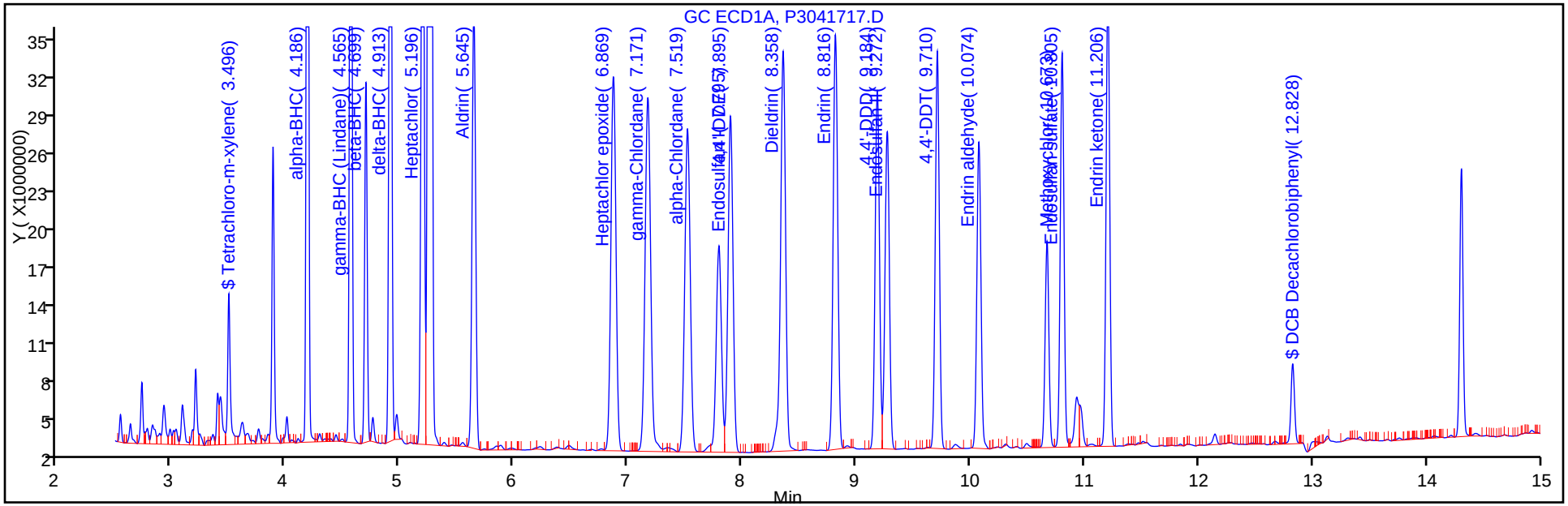
Report Date: 18-Apr-2013 09:20:05 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

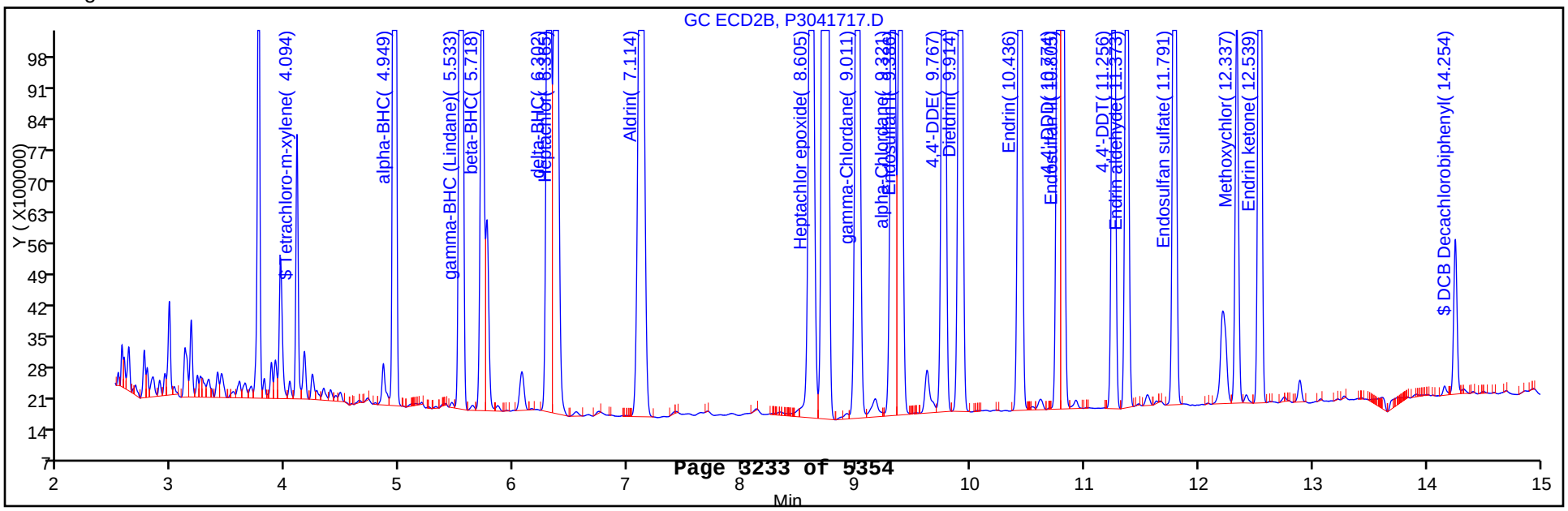
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Injection Date:	17-Apr-2013 20:17:54	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82389	Lims Sample ID:	42
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-22648-1

SDG No.:

Client Sample ID: 079SB-0069M-0001-SO MS Lab Sample ID: 240-22648-36 MS

Matrix: Solid Lab File ID: P3041717.D

Analysis Method: 8081/DOD Date Collected: 03/28/2013 16:15

Extraction Method: 3540C Date Extracted: 04/16/2013 11:34

Sample wt/vol: 29.89(g) Date Analyzed: 04/17/2013 20:17

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.: 82389 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	75		55-130
877-09-8	Tetrachloro-m-xylene	71		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130417-18976.b\P3041717.D
Lims ID: 240-22648-G-36-J MS Client ID:
Inject. Date: 17-Apr-2013 20:17:54 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0018976-042
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 42
Lims Batch ID: 82389 Lims Sample ID: 42
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130417-18976.b\PEST3.m
Last Update: 18-Apr-2013 09:19:59 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: XAWRK031

First Level Reviewer: shockr Date: 18-Apr-2013 08:32:13

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.496	3.494	0.002	19316997	0.0176			
2	100	4.094	4.094	0.000	8524438	0.0141			
						RPD = 21.75			
12 Diallate									
1	100		3.756						
1	2		4.064						
2	100		4.335						
2	2		4.671						
24 Hexachlorobenzene									
1	100		3.966						
2	100		4.709						
5 alpha-BHC									
1	100	4.186	4.184	0.002	121721638	0.0750			
2	100	4.949	4.951	-0.002	69324729	0.0900			
						RPD = 18.27			
20 gamma-BHC (Lindane)									
1	100	4.565	4.564	0.001	111445489	0.0766			
2	100	5.533	5.535	-0.002	60555178	0.0894			
						RPD = 15.49			
7 beta-BHC									
1	100	4.699	4.696	0.003	43372589	0.0701			
2	100	5.718	5.720	-0.002	25201868	0.0852			
						RPD = 19.44			
11 delta-BHC									
1	100	4.913	4.911	0.002	112286492	0.0759			
2	100	6.302	6.305	-0.003	50827540	0.0731			
						RPD = 3.75			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100		5.080						
1	2		5.936						
1	3		7.170						
1	4		7.513						
2	100		6.058						
2	2		7.633						
2	3		9.011						
2	4		9.317						
22 Heptachlor									
1	100	5.196	5.193	0.003	105553105	0.0819			
2	100	6.365	6.367	-0.002	47749522	0.0819			
						RPD = 0.05			
4 Aldrin									
1	100	5.645	5.642	0.003	75987836	0.0559			
2	100	7.114	7.115	-0.001	54705805	0.0821			
						RPD = 38.05			
25 Isodrin									
1	100		6.226						
2	100		8.127						
23 Heptachlor epoxide									
1	100	6.869	6.867	0.002	91630025	0.0745			
2	100	8.605	8.608	-0.003	51581647	0.0887			
						RPD = 17.44			
21 gamma-Chlordane									
1	100	7.171	7.169	0.002	95875553	0.0759			
2	100	9.011	9.014	-0.003	47900729	0.0817			
						RPD = 7.33			
6 alpha-Chlordane									
1	100	7.519	7.515	0.004	84926811	0.0658			
2	100	9.321	9.322	-0.001	48539717	0.0795			
						RPD = 18.82			
14 Endosulfan I									
1	100	7.795	7.793	0.002	52494890	0.0455			
2	100	9.386	9.388	-0.002	35967186	0.0677			
						RPD = 39.12			
2 4,4'-DDE									
1	100	7.895	7.895	0.000	81048475	0.0640			
2	100	9.767	9.769	-0.002	47827512	0.0784			
						RPD = 20.27			
28 Mirex									1
1	100		8.279						
2	100		9.197						
13 Dieldrin									
1	100	8.358	8.356	0.002	97819739	0.0771			
2	100	9.914	9.915	-0.001	49353255	0.0830			
						RPD = 7.38			
17 Endrin									
1	100	8.816	8.815	0.001	90824165	0.0764			
2	100	10.436	10.437	-0.001	47053205	0.0878			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									
1	100		8.884						
2	100		10.593						
1 4,4'-DDD									
1	100	9.184	9.182	0.002	74943292	0.0772			
2	100	10.774	10.777	-0.003	40360459	0.0944			
						RPD = 20.00			
15 Endosulfan II									
1	100	9.272	9.270	0.002	67301728	0.0615			
2	100	10.805	10.809	-0.004	34608805	0.0713			
						RPD = 14.77			
9 Chlorobenzilate									1
1	100		9.286						
2	100		10.594						
3 4,4'-DDT									
1	100	9.710	9.708	0.002	77279736	0.0838			
2	100	11.256	11.257	-0.001	35542315	0.0899			
						RPD = 6.98			
18 Endrin aldehyde									
1	100	10.074	10.072	0.002	60663043	0.0689			
2	100	11.373	11.375	-0.002	31524883	0.0798			
						RPD = 14.68			
30 Toxaphene									1
1	1		10.263						
1	2		10.609						
1	3		10.760						
1	4		11.179						
1	5		11.447						
2	100		10.362						
2	2		10.955						
2	3		11.378						
2	4		12.119						
2	5		12.679						
27 Methoxychlor									
1	100	10.673	10.670	0.003	37671212	0.0816			
2	100	12.337	12.339	-0.002	17716339	0.0888			
						RPD = 8.39			
16 Endosulfan sulfate									
1	100	10.805	10.804	0.001	71420984	0.0728			
2	100	11.791	11.792	-0.001	37472933	0.0847			
						RPD = 15.15			
19 Endrin ketone									
1	100	11.206	11.204	0.002	81490064	0.0712			
2	100	12.539	12.541	-0.002	41521471	0.0828			
						RPD = 15.06			
$ 10 DCB Decachlorobiphenyl									
1	100	12.828	12.826	0.002	13898822	0.0145			
2	100	14.254	14.256	-0.002	7183140	0.0149			
						RPD = 3.19			

QC Flag Legend

Processing Flags
1 - Missing Peaks

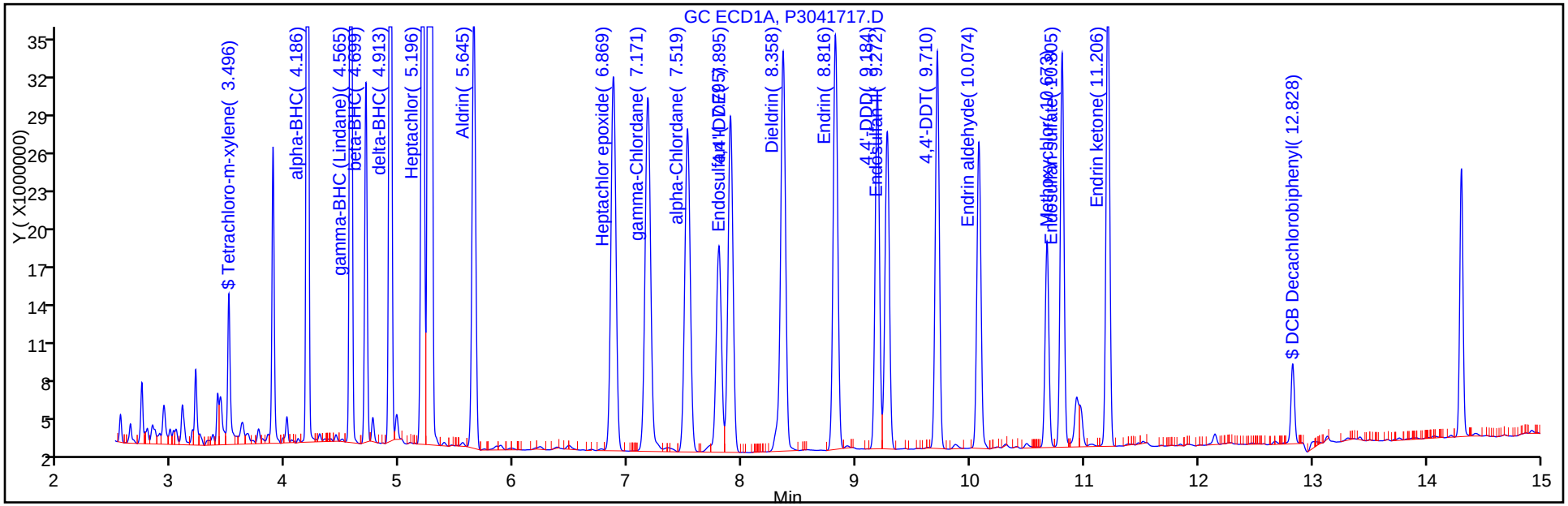
Report Date: 18-Apr-2013 09:20:05 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

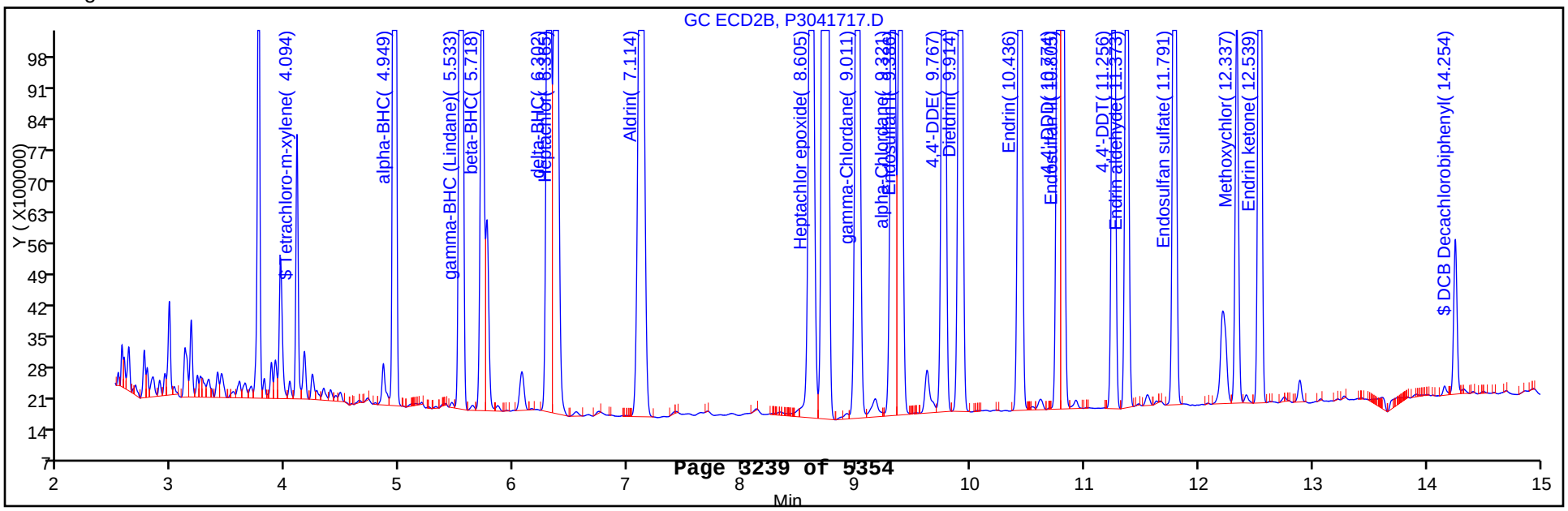
Data File: \\NCChrom\ChromData\A2HP3\20130417-18976.b\P3041717.D

Injection Date:	17-Apr-2013 20:17:54	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82389	Lims Sample ID:	42
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.: 240-22648-1

SDG No.:

Client Sample ID: 068SB-0041M-0001-SO MS | Lab Sample ID: 240-22648-53 MS

Matrix: Solid | Lab File ID: P3041644.D

Analysis Method: 8081/DOD | Date Collected: 03/29/2013 09:12

Extraction Method: 3540C | Date Extracted: 04/08/2013 11:01

Sample wt/vol: 30.10(g) | Date Analyzed: 04/17/2013 02:44

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.: 82129 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	32.5		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	35.6		2.0	0.67	0.63
309-00-2	Aldrin	25.1		4.0	1.3	1.2
319-84-6	alpha-BHC	34.3		2.5	1.3	0.73
5103-71-9	alpha-Chlordane	27.9		3.0	1.3	0.94
319-85-7	beta-BHC	28.4		3.5	1.3	1.1
319-86-8	delta-BHC	30.7		4.0	1.3	1.2
60-57-1	Dieldrin	32.2		1.7	0.67	0.47
959-98-8	Endosulfan I	20.2		1.7	0.67	0.52
33213-65-9	Endosulfan II	25.9		2.5	1.3	0.82
1031-07-8	Endosulfan sulfate	31.2		3.0	1.3	0.87
72-20-8	Endrin	32.9		1.7	0.67	0.50
7421-93-4	Endrin aldehyde	29.3		3.0	1.3	1.0
53494-70-5	Endrin ketone	29.4		2.0	0.67	0.63
58-89-9	gamma-BHC (Lindane)	32.7		2.5	1.3	0.74
5103-74-2	gamma-Chlordane	30.5		1.7	0.67	0.42
76-44-8	Heptachlor	32.4		3.5	1.3	1.1
1024-57-3	Heptachlor epoxide	30.6		2.5	1.3	0.80
72-43-5	Methoxychlor	33.9		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	103		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041644.D
Lims ID: 240-22648-G-53-C MS Client ID:
Inject. Date: 17-Apr-2013 02:44:11 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0018914-044
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 44
Lims Batch ID: 82129 Lims Sample ID: 44
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130416-18914.b\PEST3.m
Last Update: 19-Apr-2013 15:40:03 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: XAWRK004

First Level Reviewer: shockr Date: 17-Apr-2013 10:32:07

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.496	3.495	0.001	22747307	0.0207			
2	100	4.094	4.094	0.000	15912198	0.0263			
						RPD = 24.12			
5 alpha-BHC									
1	100	4.186	4.185	0.001	167677089	0.1033			
2	100	4.949	4.950	-0.001	88307256	0.1147			
						RPD = 10.49			
20 gamma-BHC (Lindane)									
1	100	4.566	4.565	0.001	143195974	0.0984			
2	100	5.533	5.533	0.000	77551902	0.1145			
						RPD = 15.16			
7 beta-BHC									M
1	100	4.699	4.698	0.001	52817060	0.0854			
2	100	5.727	5.718	0.009	22874838	0.0774			
						RPD = 9.88			
11 delta-BHC									
1	100	4.914	4.912	0.002	136780156	0.0924			
2	100	6.303	6.302	0.001	68977179	0.0992			
						RPD = 7.05			
22 Heptachlor									
1	100	5.196	5.195	0.001	125511855	0.0974			
2	100	6.366	6.365	0.001	61044266	0.1047			
						RPD = 7.19			
4 Aldrin									
1	100	5.645	5.645	0.000	102713342	0.0755			
2	100	7.114	7.114	0.000	70536888	0.1059			
						RPD = 33.48			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.870	6.870	0.000	113355730	0.0922			
2	100	8.607	8.607	0.000	65173790	0.1121			
						RPD = 19.54			
21 gamma-Chlordane									
1	100	7.174	7.173	0.001	115966276	0.0918			
2	100	9.012	9.011	0.001	62225211	0.1061			
						RPD = 14.45			
6 alpha-Chlordane									
1	100	7.521	7.520	0.001	108389756	0.0840			
2	100	9.319	9.322	-0.003	62369364	0.1022			
						RPD = 19.49			
14 Endosulfan I									
1	100	7.795	7.795	0.000	70069246	0.0608			
2	100	9.387	9.389	-0.002	46966501	0.0884			
						RPD = 37.01			
2 4,4'-DDE									
1	100	7.898	7.897	0.001	106977162	0.0845			
2	100	9.767	9.767	0.000	62120639	0.1019			
						RPD = 18.67			
13 Dieldrin									
1	100	8.359	8.360	-0.001	122887589	0.0969			
2	100	9.914	9.915	-0.001	64240557	0.1081			
						RPD = 10.93			
17 Endrin									
1	100	8.820	8.819	0.001	117720251	0.0990			
2	100	10.436	10.437	-0.001	61238911	0.1143			
						RPD = 14.35			
1 4,4'-DDD									
1	100	9.185	9.186	-0.001	94917453	0.0978			
2	100	10.775	10.776	-0.001	52562092	0.1229			
						RPD = 22.76			
15 Endosulfan II									
1	100	9.272	9.274	-0.002	85351500	0.0780			
2	100	10.806	10.806	0.000	44581856	0.0918			
						RPD = 16.32			
3 4,4'-DDT									
1	100	9.712	9.712	0.000	98860336	0.1072			
2	100	11.257	11.257	0.000	45120023	0.1141			
						RPD = 6.21			
18 Endrin aldehyde									
1	100	10.077	10.079	-0.002	77584336	0.0881			
2	100	11.374	11.374	0.000	40952200	0.1037			
						RPD = 16.23			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									
1	1		10.265						
1	2		10.611						
1	3		10.765						
1	4		11.181						
1	5		11.449						
2	100		10.363						
2	2		10.955						
2	3		11.376						
2	4		12.119						
2	5		12.679						
27 Methoxychlor									
1	100	10.674	10.673	0.001	47055459	0.1020			
2	100	12.338	12.338	0.000	22209503	0.1113			
						RPD = 8.75			
16 Endosulfan sulfate									
1	100	10.807	10.805	0.002	92004620	0.0938			
2	100	11.791	11.791	0.000	48541903	0.1098			
						RPD = 15.71			
19 Endrin ketone									
1	100	11.208	11.206	0.002	101216815	0.0884			
2	100	12.541	12.540	0.001	54523569	0.1087			
						RPD = 20.58			
$ 10 DCB Decachlorobiphenyl									
1	100	12.829	12.829	0.000	16309099	0.0170			
2	100	14.255	14.255	0.000	9048415	0.0188			
						RPD = 10.27			

QC Flag Legend

Review Flags
M - Manually Integrated

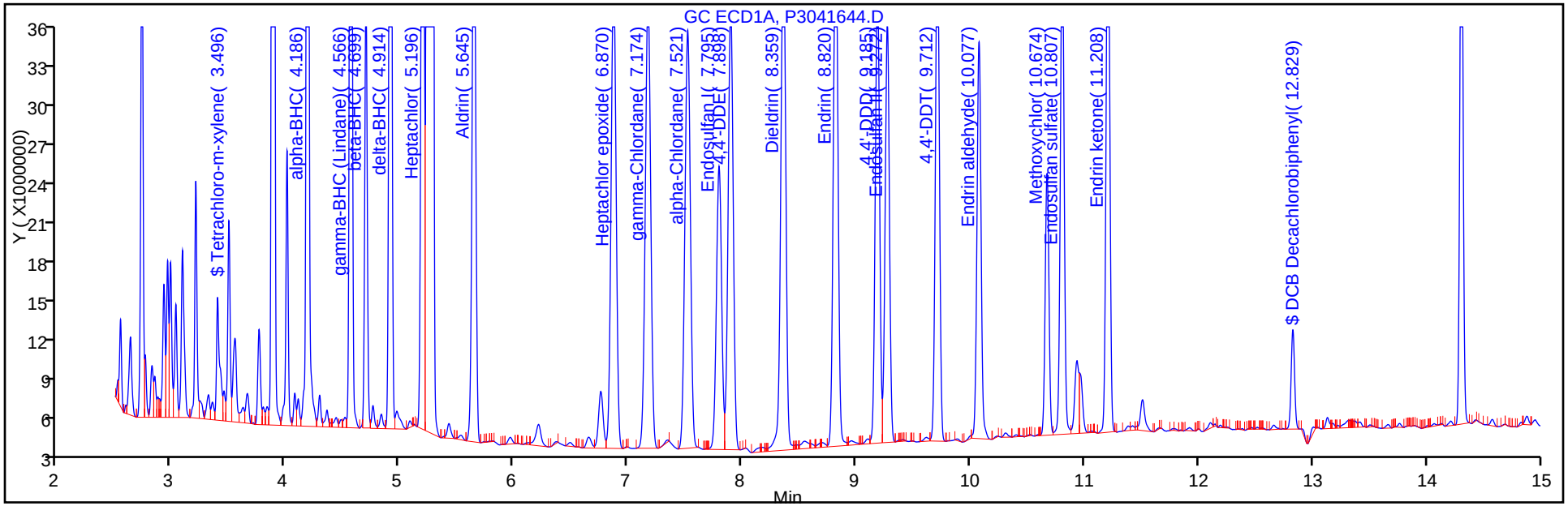
Report Date: 19-Apr-2013 15:40:04 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

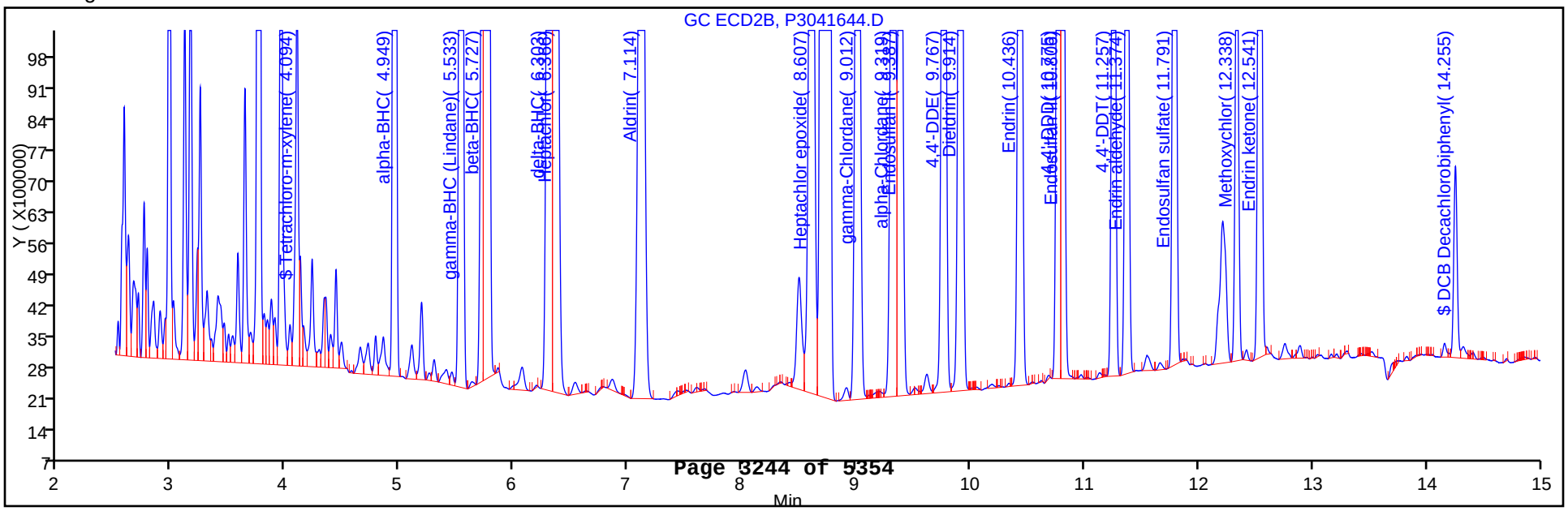
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Injection Date:	17-Apr-2013 02:44:11	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82129	Lims Sample ID:	44
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-22648-1

SDG No.:

Client Sample ID: 068SB-0041M-0001-SO MS Lab Sample ID: 240-22648-53 MS

Matrix: Solid Lab File ID: P3041644.D

Analysis Method: 8081/DOD Date Collected: 03/29/2013 09:12

Extraction Method: 3540C Date Extracted: 04/08/2013 11:01

Sample wt/vol: 30.10(g) Date Analyzed: 04/17/2013 02:44

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.: 82129 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	94		55-130
877-09-8	Tetrachloro-m-xylene	132	Q	70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041644.D
Lims ID: 240-22648-G-53-C MS Client ID:
Inject. Date: 17-Apr-2013 02:44:11 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0018914-044
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 44
Lims Batch ID: 82129 Lims Sample ID: 44
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130416-18914.b\PEST3.m
Last Update: 19-Apr-2013 15:40:03 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: XAWRK004

First Level Reviewer: shockr Date: 17-Apr-2013 10:32:07

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.496	3.495	0.001	22747307	0.0207			
2	100	4.094	4.094	0.000	15912198	0.0263			
						RPD = 24.12			
5 alpha-BHC									
1	100	4.186	4.185	0.001	167677089	0.1033			
2	100	4.949	4.950	-0.001	88307256	0.1147			
						RPD = 10.49			
20 gamma-BHC (Lindane)									
1	100	4.566	4.565	0.001	143195974	0.0984			
2	100	5.533	5.533	0.000	77551902	0.1145			
						RPD = 15.16			
7 beta-BHC									M
1	100	4.699	4.698	0.001	52817060	0.0854			
2	100	5.727	5.718	0.009	22874838	0.0774			
						RPD = 9.88			
11 delta-BHC									
1	100	4.914	4.912	0.002	136780156	0.0924			
2	100	6.303	6.302	0.001	68977179	0.0992			
						RPD = 7.05			
22 Heptachlor									
1	100	5.196	5.195	0.001	125511855	0.0974			
2	100	6.366	6.365	0.001	61044266	0.1047			
						RPD = 7.19			
4 Aldrin									
1	100	5.645	5.645	0.000	102713342	0.0755			
2	100	7.114	7.114	0.000	70536888	0.1059			
						RPD = 33.48			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.870	6.870	0.000	113355730	0.0922			
2	100	8.607	8.607	0.000	65173790	0.1121			
						RPD = 19.54			
21 gamma-Chlordane									
1	100	7.174	7.173	0.001	115966276	0.0918			
2	100	9.012	9.011	0.001	62225211	0.1061			
						RPD = 14.45			
6 alpha-Chlordane									
1	100	7.521	7.520	0.001	108389756	0.0840			
2	100	9.319	9.322	-0.003	62369364	0.1022			
						RPD = 19.49			
14 Endosulfan I									
1	100	7.795	7.795	0.000	70069246	0.0608			
2	100	9.387	9.389	-0.002	46966501	0.0884			
						RPD = 37.01			
2 4,4'-DDE									
1	100	7.898	7.897	0.001	106977162	0.0845			
2	100	9.767	9.767	0.000	62120639	0.1019			
						RPD = 18.67			
13 Dieldrin									
1	100	8.359	8.360	-0.001	122887589	0.0969			
2	100	9.914	9.915	-0.001	64240557	0.1081			
						RPD = 10.93			
17 Endrin									
1	100	8.820	8.819	0.001	117720251	0.0990			
2	100	10.436	10.437	-0.001	61238911	0.1143			
						RPD = 14.35			
1 4,4'-DDD									
1	100	9.185	9.186	-0.001	94917453	0.0978			
2	100	10.775	10.776	-0.001	52562092	0.1229			
						RPD = 22.76			
15 Endosulfan II									
1	100	9.272	9.274	-0.002	85351500	0.0780			
2	100	10.806	10.806	0.000	44581856	0.0918			
						RPD = 16.32			
3 4,4'-DDT									
1	100	9.712	9.712	0.000	98860336	0.1072			
2	100	11.257	11.257	0.000	45120023	0.1141			
						RPD = 6.21			
18 Endrin aldehyde									
1	100	10.077	10.079	-0.002	77584336	0.0881			
2	100	11.374	11.374	0.000	40952200	0.1037			
						RPD = 16.23			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									
1	1		10.265						
1	2		10.611						
1	3		10.765						
1	4		11.181						
1	5		11.449						
2	100		10.363						
2	2		10.955						
2	3		11.376						
2	4		12.119						
2	5		12.679						
27 Methoxychlor									
1	100	10.674	10.673	0.001	47055459	0.1020			
2	100	12.338	12.338	0.000	22209503	0.1113			
						RPD = 8.75			
16 Endosulfan sulfate									
1	100	10.807	10.805	0.002	92004620	0.0938			
2	100	11.791	11.791	0.000	48541903	0.1098			
						RPD = 15.71			
19 Endrin ketone									
1	100	11.208	11.206	0.002	101216815	0.0884			
2	100	12.541	12.540	0.001	54523569	0.1087			
						RPD = 20.58			
$ 10 DCB Decachlorobiphenyl									
1	100	12.829	12.829	0.000	16309099	0.0170			
2	100	14.255	14.255	0.000	9048415	0.0188			
						RPD = 10.27			

QC Flag Legend

Review Flags
M - Manually Integrated

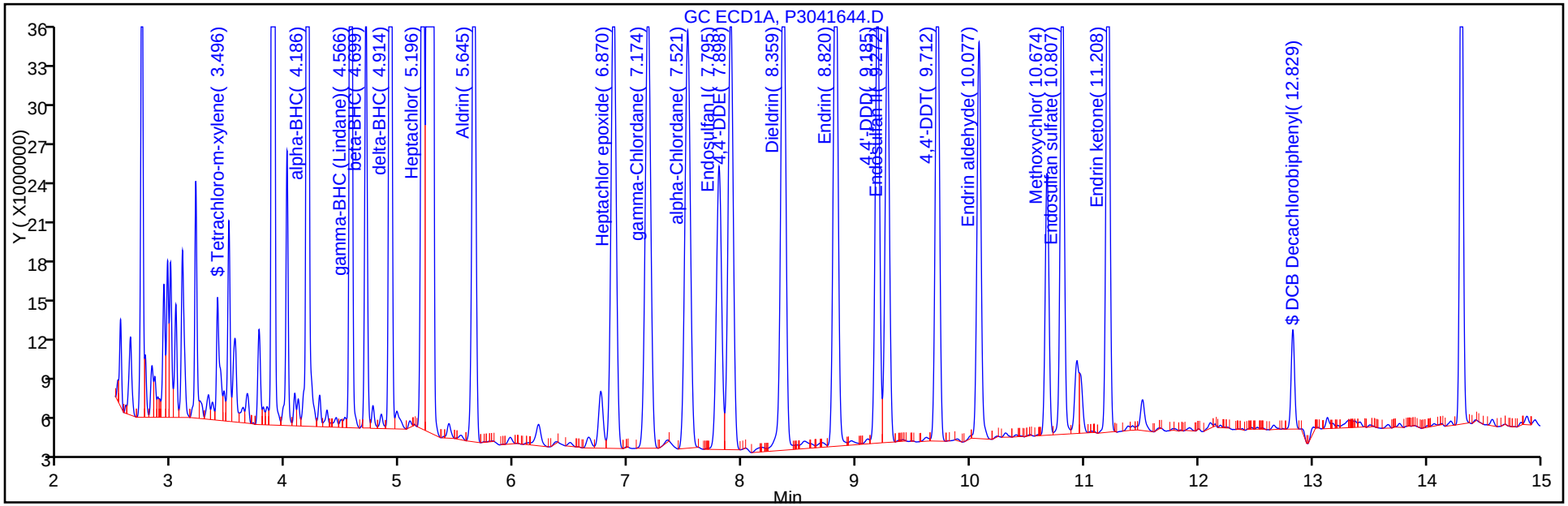
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TestAmerica Canton

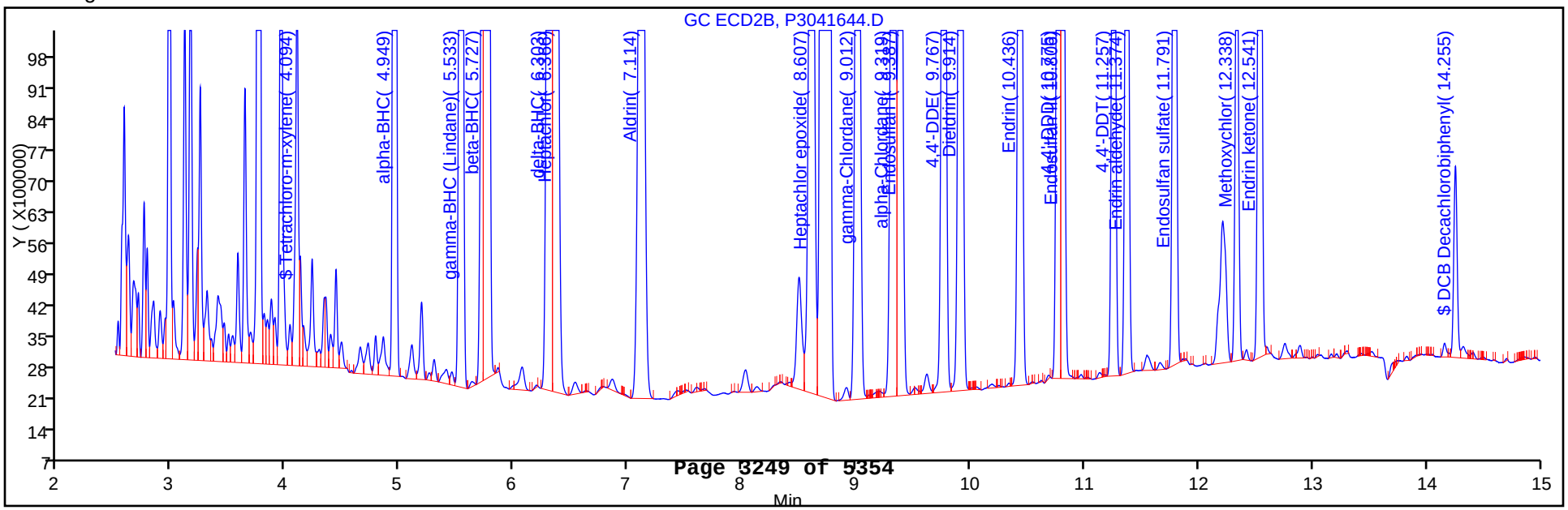
Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041644.D

Injection Date:	17-Apr-2013 02:44:11	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82129	Lims Sample ID:	44
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.: 240-22648-1

SDG No.:

Client Sample ID: 079SB-0069M-0001-SO MSD | Lab Sample ID: 240-22648-36 MSD

Matrix: Solid | Lab File ID: P3041718.D

Analysis Method: 8081/DOD | Date Collected: 03/28/2013 16:15

Extraction Method: 3540C | Date Extracted: 04/16/2013 11:34

Sample wt/vol: 29.95(g) | Date Analyzed: 04/17/2013 20:38

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.: 82389 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	21.9	H	2.0	0.67	0.62
72-55-9	4,4'-DDE	18.3	H J	1.7	0.67	0.39
50-29-3	4,4'-DDT	23.6	H	2.0	0.67	0.63
309-00-2	Aldrin	15.8	H	4.0	1.3	1.2
319-84-6	alpha-BHC	21.5	H	2.5	1.3	0.73
5103-71-9	alpha-Chlordane	19.1	H J	3.0	1.3	0.94
319-85-7	beta-BHC	20.2	H	3.5	1.3	1.1
319-86-8	delta-BHC	21.5	H	4.0	1.3	1.2
60-57-1	Dieldrin	20.7	H J	1.7	0.67	0.47
959-98-8	Endosulfan I	12.9	H	1.7	0.67	0.52
33213-65-9	Endosulfan II	17.1	H	2.5	1.3	0.82
1031-07-8	Endosulfan sulfate	20.3	H	3.0	1.3	0.87
72-20-8	Endrin	21.8	H	1.7	0.67	0.50
7421-93-4	Endrin aldehyde	19.6	H	3.0	1.3	1.0
53494-70-5	Endrin ketone	20.3	H J	2.0	0.67	0.63
58-89-9	gamma-BHC (Lindane)	21.8	H	2.5	1.3	0.74
5103-74-2	gamma-Chlordane	21.2	H J	1.7	0.67	0.42
76-44-8	Heptachlor	23.4	H	3.5	1.3	1.1
1024-57-3	Heptachlor epoxide	21.1	H J	2.5	1.3	0.80
72-43-5	Methoxychlor	22.9	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	60		55-130
877-09-8	Tetrachloro-m-xylene	65	Q	70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130417-18976.b\P3041718.D
Lims ID: 240-22648-G-36-K MSD Client ID:
Inject. Date: 17-Apr-2013 20:38:02 Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-0018976-042
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 43
Lims Batch ID: 82389 Lims Sample ID: 43
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130417-18976.b\PEST3.m
Last Update: 18-Apr-2013 09:19:59 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: XAWRK031

First Level Reviewer: shockr Date: 18-Apr-2013 08:36:31

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.495	3.494	0.001	14220393	0.0129			
2	100	4.092	4.094	-0.002	7105393	0.0118			
						RPD = 9.40			
12 Diallate									
1	100		3.756						
1	2		4.064						
2	100		4.335						
2	2		4.671						
24 Hexachlorobenzene									
1	100		3.966						
2	100		4.709						
5 alpha-BHC									
1	100	4.184	4.184	0.000	104610477	0.0644			
2	100	4.949	4.951	-0.002	57916672	0.0752			
						RPD = 15.46			
20 gamma-BHC (Lindane)									
1	100	4.565	4.564	0.001	95164986	0.0654			
2	100	5.532	5.535	-0.003	50616362	0.0748			
						RPD = 13.36			
7 beta-BHC									
1	100	4.696	4.696	0.000	37457729	0.0606			
2	100	5.717	5.720	-0.003	20992087	0.0710			
						RPD = 15.85			
11 delta-BHC									
1	100	4.911	4.911	0.000	95279251	0.0644			
2	100	6.301	6.305	-0.004	42265393	0.0608			
						RPD = 5.77			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100		5.080						
1	2		5.936						
1	3		7.170						
1	4		7.513						
2	100		6.058						
2	2		7.633						
2	3		9.011						
2	4		9.317						
22 Heptachlor									
1	100	5.195	5.193	0.002	90152299	0.0700			
2	100	6.366	6.367	-0.001	40366268	0.0692			
						RPD = 1.08			
4 Aldrin									
1	100	5.644	5.642	0.002	64482791	0.0474			
2	100	7.111	7.115	-0.004	45964730	0.0690			
						RPD = 37.09			
25 Isodrin									
1	100		6.226						
2	100		8.127						
23 Heptachlor epoxide									
1	100	6.868	6.867	0.001	77888430	0.0633			
2	100	8.605	8.608	-0.003	42514081	0.0731			
						RPD = 14.38			
21 gamma-Chlordane									
1	100	7.170	7.169	0.001	80155624	0.0634			
2	100	9.010	9.014	-0.004	40209438	0.0685			
						RPD = 7.74			
6 alpha-Chlordane									
1	100	7.517	7.515	0.002	73652593	0.0571			
2	100	9.319	9.322	-0.003	40420880	0.0662			
						RPD = 14.79			
14 Endosulfan I									
1	100	7.792	7.793	-0.001	44666530	0.0388			
2	100	9.386	9.388	-0.002	30076505	0.0566			
						RPD = 37.45			
2 4,4'-DDE									
1	100	7.896	7.895	0.001	69488502	0.0549			
2	100	9.766	9.769	-0.003	39908860	0.0654			
						RPD = 17.58			
28 Mirex									
1	100		8.279						
2	100		9.197						
13 Dieldrin									
1	100	8.358	8.356	0.002	78772390	0.0621			
2	100	9.911	9.915	-0.004	41450764	0.0697			
						RPD = 11.58			
17 Endrin									
1	100	8.816	8.815	0.001	77557933	0.0652			
2	100	10.435	10.437	-0.002	39286194	0.0733			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									
1	100		8.884						
2	100		10.593						
1 4,4'-DDD									
1	100	9.181	9.182	-0.001	63647794	0.0656			
2	100	10.774	10.777	-0.003	34433918	0.0805			
						RPD = 20.45			
15 Endosulfan II									
1	100	9.268	9.270	-0.002	56041261	0.0512			
2	100	10.805	10.809	-0.004	28329778	0.0584			
						RPD = 13.06			
9 Chlorobenzilate									1
1	100		9.286						
2	100		10.594						
3 4,4'-DDT									
1	100	9.709	9.708	0.001	65104121	0.0706			
2	100	11.255	11.257	-0.002	29608964	0.0749			
						RPD = 5.86			
18 Endrin aldehyde									
1	100	10.073	10.072	0.001	51763766	0.0588			
2	100	11.371	11.375	-0.004	26455345	0.0670			
						RPD = 13.02			
30 Toxaphene									1
1	1		10.263						
1	2		10.609						
1	3		10.760						
1	4		11.179						
1	5		11.447						
2	100		10.362						
2	2		10.955						
2	3		11.378						
2	4		12.119						
2	5		12.679						
27 Methoxychlor									
1	100	10.671	10.670	0.001	31699032	0.0687			
2	100	12.336	12.339	-0.003	14882160	0.0746			
						RPD = 8.22			
16 Endosulfan sulfate									
1	100	10.803	10.804	-0.001	59545353	0.0607			
2	100	11.791	11.792	-0.001	31178991	0.0705			
						RPD = 14.95			
19 Endrin ketone									
1	100	11.205	11.204	0.001	69669063	0.0609			
2	100	12.539	12.541	-0.002	35058620	0.0699			
						RPD = 13.82			
$ 10 DCB Decachlorobiphenyl									
1	100	12.827	12.826	0.001	11589321	0.0121			
2	100	14.253	14.256	-0.003	6025241	0.0125			
						RPD = 3.78			

QC Flag Legend

Processing Flags
1 - Missing Peaks

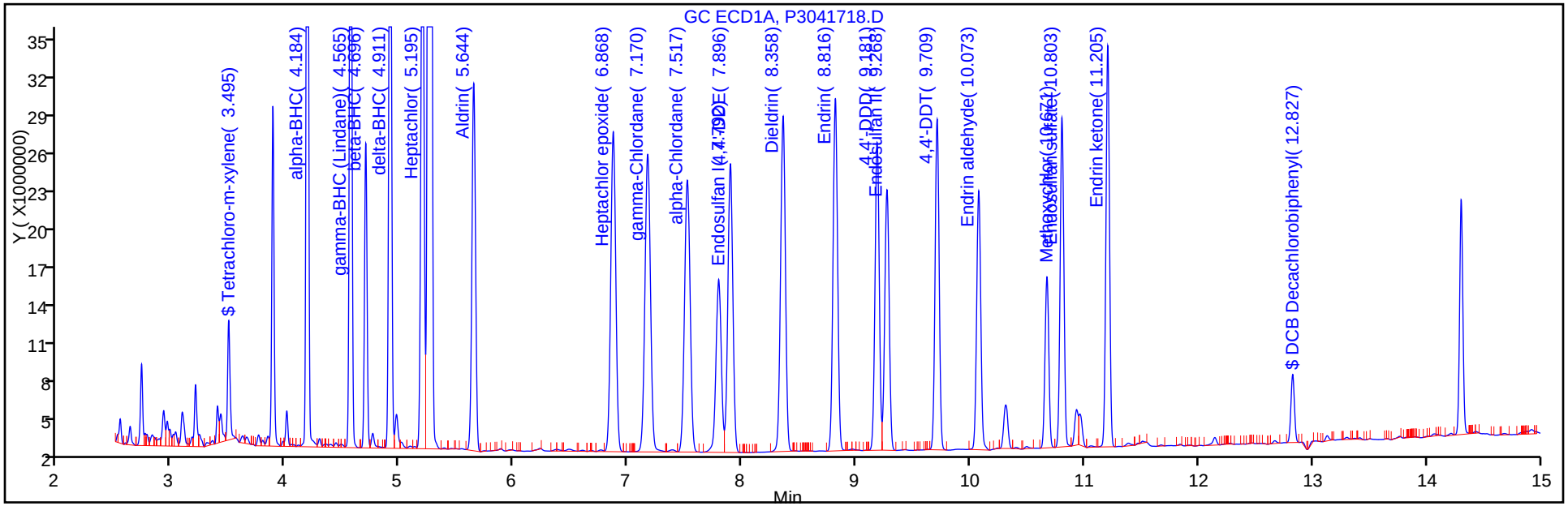
Report Date: 18-Apr-2013 09:20:04 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

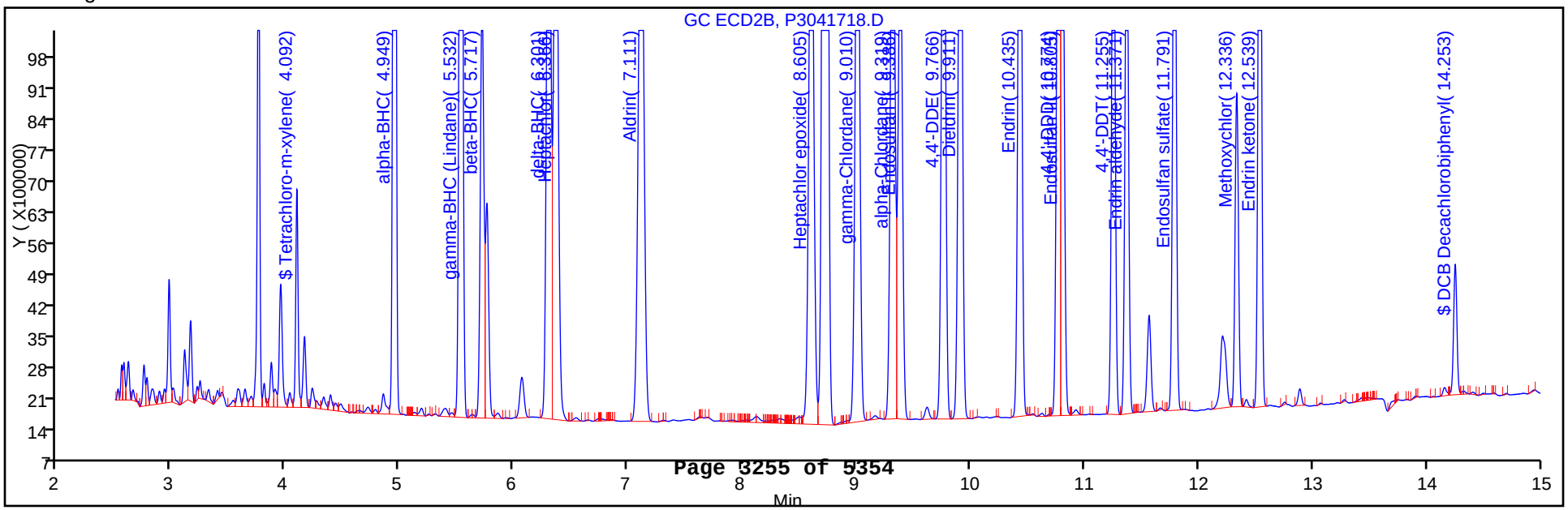
Data File: \\NCChrom\ChromData\A2HP3\20130417-18976.b\P3041718.D

Injection Date:	17-Apr-2013 20:38:02	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82389	Lims Sample ID:	43
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.: 240-22648-1

SDG No.:

Client Sample ID: 079SB-0069M-0001-SO MSD Lab Sample ID: 240-22648-36 MSD

Matrix: Solid Lab File ID: P3041718.D

Analysis Method: 8081/DOD Date Collected: 03/28/2013 16:15

Extraction Method: 3540C Date Extracted: 04/16/2013 11:34

Sample wt/vol: 29.95(g) Date Analyzed: 04/17/2013 20:38

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.: 82389 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	63		55-130
877-09-8	Tetrachloro-m-xylene	59	Q	70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130417-18976.b\P3041718.D
Lims ID: 240-22648-G-36-K MSD Client ID:
Inject. Date: 17-Apr-2013 20:38:02 Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-0018976-042
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 43
Lims Batch ID: 82389 Lims Sample ID: 43
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130417-18976.b\PEST3.m
Last Update: 18-Apr-2013 09:19:59 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: XAWRK031

First Level Reviewer: shockr Date: 18-Apr-2013 08:36:31

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.495	3.494	0.001	14220393	0.0129			
2	100	4.092	4.094	-0.002	7105393	0.0118			
						RPD = 9.40			
12 Diallate									
1	100		3.756						
1	2		4.064						
2	100		4.335						
2	2		4.671						
24 Hexachlorobenzene									
1	100		3.966						
2	100		4.709						
5 alpha-BHC									
1	100	4.184	4.184	0.000	104610477	0.0644			
2	100	4.949	4.951	-0.002	57916672	0.0752			
						RPD = 15.46			
20 gamma-BHC (Lindane)									
1	100	4.565	4.564	0.001	95164986	0.0654			
2	100	5.532	5.535	-0.003	50616362	0.0748			
						RPD = 13.36			
7 beta-BHC									
1	100	4.696	4.696	0.000	37457729	0.0606			
2	100	5.717	5.720	-0.003	20992087	0.0710			
						RPD = 15.85			
11 delta-BHC									
1	100	4.911	4.911	0.000	95279251	0.0644			
2	100	6.301	6.305	-0.004	42265393	0.0608			
						RPD = 5.77			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100		5.080						
1	2		5.936						
1	3		7.170						
1	4		7.513						
2	100		6.058						
2	2		7.633						
2	3		9.011						
2	4		9.317						
22 Heptachlor									
1	100	5.195	5.193	0.002	90152299	0.0700			
2	100	6.366	6.367	-0.001	40366268	0.0692			
						RPD = 1.08			
4 Aldrin									
1	100	5.644	5.642	0.002	64482791	0.0474			
2	100	7.111	7.115	-0.004	45964730	0.0690			
						RPD = 37.09			
25 Isodrin									
1	100		6.226						
2	100		8.127						
23 Heptachlor epoxide									
1	100	6.868	6.867	0.001	77888430	0.0633			
2	100	8.605	8.608	-0.003	42514081	0.0731			
						RPD = 14.38			
21 gamma-Chlordane									
1	100	7.170	7.169	0.001	80155624	0.0634			
2	100	9.010	9.014	-0.004	40209438	0.0685			
						RPD = 7.74			
6 alpha-Chlordane									
1	100	7.517	7.515	0.002	73652593	0.0571			
2	100	9.319	9.322	-0.003	40420880	0.0662			
						RPD = 14.79			
14 Endosulfan I									
1	100	7.792	7.793	-0.001	44666530	0.0388			
2	100	9.386	9.388	-0.002	30076505	0.0566			
						RPD = 37.45			
2 4,4'-DDE									
1	100	7.896	7.895	0.001	69488502	0.0549			
2	100	9.766	9.769	-0.003	39908860	0.0654			
						RPD = 17.58			
28 Mirex									
1	100		8.279						
2	100		9.197						
13 Dieldrin									
1	100	8.358	8.356	0.002	78772390	0.0621			
2	100	9.911	9.915	-0.004	41450764	0.0697			
						RPD = 11.58			
17 Endrin									
1	100	8.816	8.815	0.001	77557933	0.0652			
2	100	10.435	10.437	-0.002	39286194	0.0733			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									
1	100		8.884						
2	100		10.593						
1 4,4'-DDD									
1	100	9.181	9.182	-0.001	63647794	0.0656			
2	100	10.774	10.777	-0.003	34433918	0.0805			
						RPD = 20.45			
15 Endosulfan II									
1	100	9.268	9.270	-0.002	56041261	0.0512			
2	100	10.805	10.809	-0.004	28329778	0.0584			
						RPD = 13.06			
9 Chlorobenzilate									1
1	100		9.286						
2	100		10.594						
3 4,4'-DDT									
1	100	9.709	9.708	0.001	65104121	0.0706			
2	100	11.255	11.257	-0.002	29608964	0.0749			
						RPD = 5.86			
18 Endrin aldehyde									
1	100	10.073	10.072	0.001	51763766	0.0588			
2	100	11.371	11.375	-0.004	26455345	0.0670			
						RPD = 13.02			
30 Toxaphene									1
1	1		10.263						
1	2		10.609						
1	3		10.760						
1	4		11.179						
1	5		11.447						
2	100		10.362						
2	2		10.955						
2	3		11.378						
2	4		12.119						
2	5		12.679						
27 Methoxychlor									
1	100	10.671	10.670	0.001	31699032	0.0687			
2	100	12.336	12.339	-0.003	14882160	0.0746			
						RPD = 8.22			
16 Endosulfan sulfate									
1	100	10.803	10.804	-0.001	59545353	0.0607			
2	100	11.791	11.792	-0.001	31178991	0.0705			
						RPD = 14.95			
19 Endrin ketone									
1	100	11.205	11.204	0.001	69669063	0.0609			
2	100	12.539	12.541	-0.002	35058620	0.0699			
						RPD = 13.82			
$ 10 DCB Decachlorobiphenyl									
1	100	12.827	12.826	0.001	11589321	0.0121			
2	100	14.253	14.256	-0.003	6025241	0.0125			
						RPD = 3.78			

QC Flag Legend

Processing Flags
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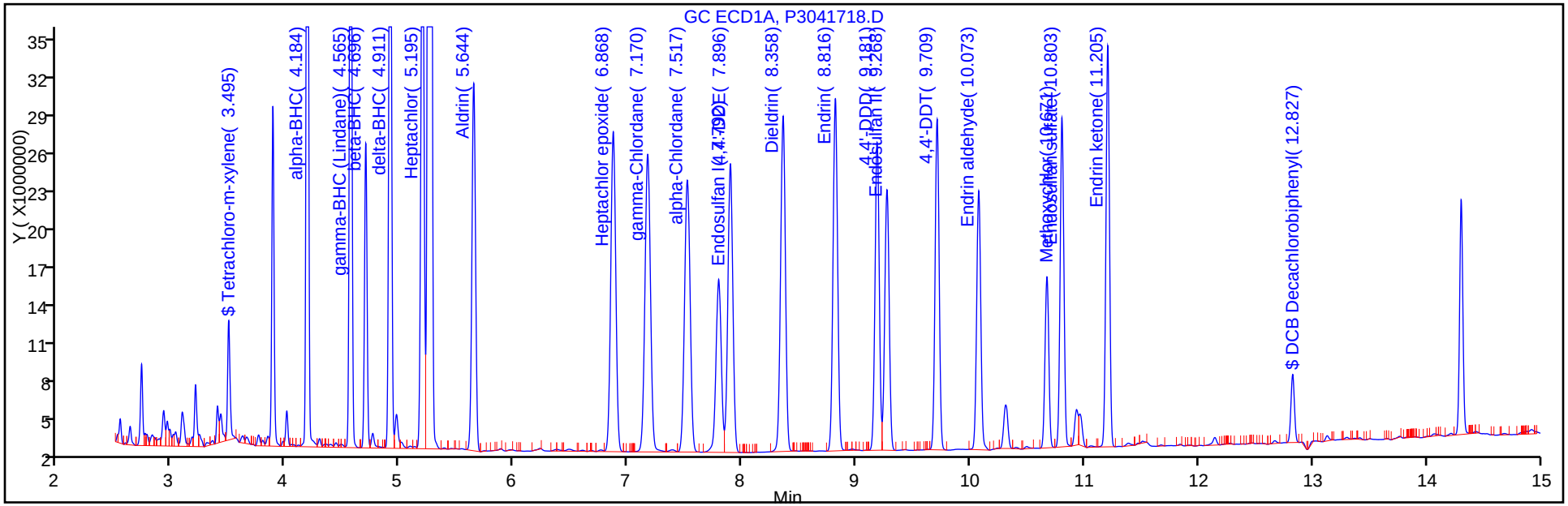
Report Date: 18-Apr-2013 09:20:04 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

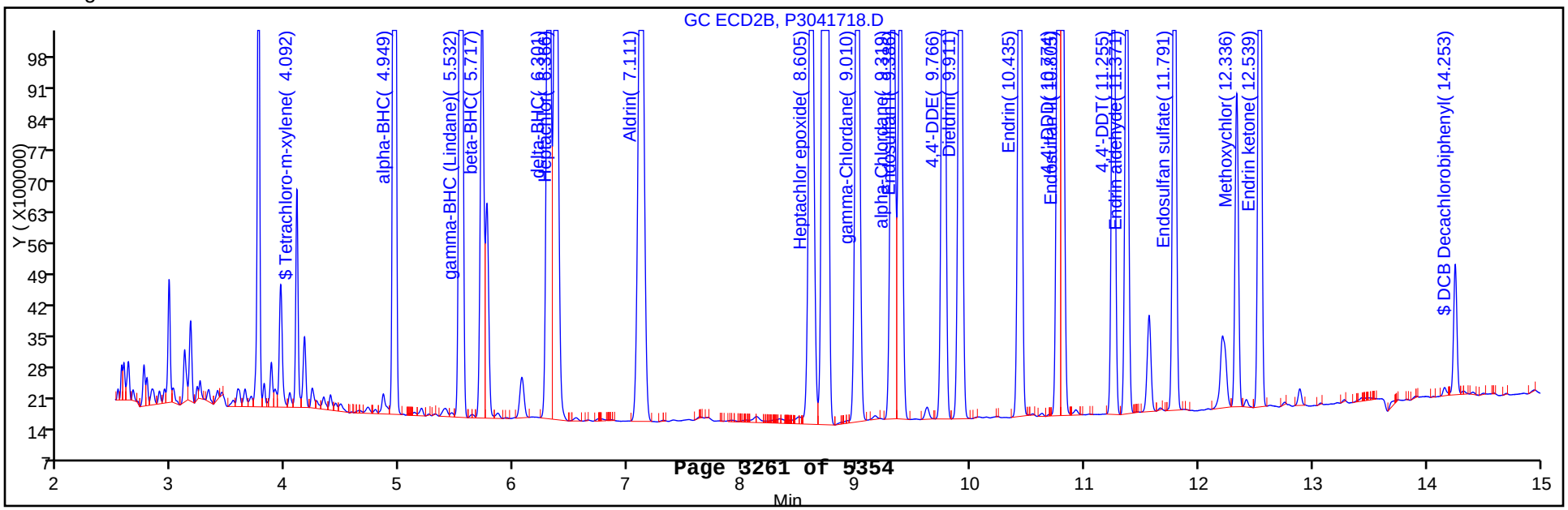
Data File: \\NCChrom\ChromData\A2HP3\20130417-18976.b\P3041718.D

Injection Date:	17-Apr-2013 20:38:02	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82389	Lims Sample ID:	43
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.: 240-22648-1

SDG No.:

Client Sample ID: 068SB-0041M-0001-SO MSD | Lab Sample ID: 240-22648-53 MSD

Matrix: Solid | Lab File ID: P3041645.D

Analysis Method: 8081/DOD | Date Collected: 03/29/2013 09:12

Extraction Method: 3540C | Date Extracted: 04/08/2013 11:01

Sample wt/vol: 29.58(g) | Date Analyzed: 04/17/2013 03:04

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.: 82129 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	36.6		2.0	0.68	0.63
72-55-9	4,4'-DDE	31.8		1.7	0.68	0.40
50-29-3	4,4'-DDT	40.1		2.0	0.68	0.64
309-00-2	Aldrin	28.3		4.1	1.3	1.2
319-84-6	alpha-BHC	35.9		2.5	1.3	0.74
5103-71-9	alpha-Chlordane	31.7		3.0	1.3	0.95
319-85-7	beta-BHC	32.2		3.5	1.3	1.1
319-86-8	delta-BHC	35.3		4.1	1.3	1.2
60-57-1	Dieldrin	36.5		1.7	0.68	0.48
959-98-8	Endosulfan I	23.0		1.7	0.68	0.53
33213-65-9	Endosulfan II	29.0		2.5	1.3	0.83
1031-07-8	Endosulfan sulfate	34.4		3.0	1.3	0.88
72-20-8	Endrin	36.9		1.7	0.68	0.51
7421-93-4	Endrin aldehyde	33.5		3.0	1.3	1.0
53494-70-5	Endrin ketone	33.5		2.0	0.68	0.64
58-89-9	gamma-BHC (Lindane)	36.7		2.5	1.3	0.75
5103-74-2	gamma-Chlordane	34.6		1.7	0.68	0.43
76-44-8	Heptachlor	37.5		3.5	1.3	1.1
1024-57-3	Heptachlor epoxide	34.6		2.5	1.3	0.81
72-43-5	Methoxychlor	37.5		5.1	3.3	1.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	93		55-130
877-09-8	Tetrachloro-m-xylene	109		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041645.D
Lims ID: 240-22648-G-53-D MSD Client ID:
Inject. Date: 17-Apr-2013 03:04:20 Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-0018914-045
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 45
Lims Batch ID: 82129 Lims Sample ID: 45
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130416-18914.b\PEST3.m
Last Update: 19-Apr-2013 15:40:12 Calib Date: 16-Apr-2013 14:58:16
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK004

First Level Reviewer: shockr Date: 17-Apr-2013 10:35:12

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.496	3.495	0.001	23960453	0.0218			
2	100	4.095	4.094	0.001	16338221	0.0271			
						RPD = 21.60			
5 alpha-BHC									
1	100	4.186	4.185	0.001	172649192	0.1063			
2	100	4.949	4.950	-0.001	97806244	0.1270			
						RPD = 17.74			
20 gamma-BHC (Lindane)									
1	100	4.566	4.565	0.001	158025063	0.1086			
2	100	5.532	5.533	-0.001	87212583	0.1288			
						RPD = 17.03			
7 beta-BHC									M
1	100	4.698	4.698	0.000	58940864	0.0953			
2	100	5.724	5.718	0.006	24451121	0.0827			
						RPD = 14.17			
11 delta-BHC									
1	100	4.912	4.912	0.000	154521963	0.1044			
2	100	6.302	6.302	0.000	78200045	0.1124			
						RPD = 7.40			
22 Heptachlor									
1	100	5.196	5.195	0.001	142890652	0.1109			
2	100	6.365	6.365	0.000	68704307	0.1179			
						RPD = 6.05			
4 Aldrin									
1	100	5.645	5.645	0.000	113918047	0.0838			
2	100	7.112	7.114	-0.002	78759492	0.1182			
						RPD = 34.14			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.869	6.870	-0.001	125746227	0.1022			
2	100	8.607	8.607	0.000	75046117	0.1291			
						RPD = 23.22			
21 gamma-Chlordane									
1	100	7.171	7.173	-0.002	129492659	0.1025			
2	100	9.010	9.011	-0.001	69634404	0.1187			
						RPD = 14.67			
6 alpha-Chlordane									
1	100	7.521	7.520	0.001	120764889	0.0936			
2	100	9.320	9.322	-0.002	68792201	0.1127			
						RPD = 18.49			
14 Endosulfan I									
1	100	7.793	7.795	-0.002	78443514	0.0681			
2	100	9.387	9.389	-0.002	52209937	0.0983			
						RPD = 36.33			
2 4,4'-DDE									
1	100	7.895	7.897	-0.002	118992770	0.0940			
2	100	9.766	9.767	-0.001	68924255	0.1130			
						RPD = 18.42			
13 Dieldrin									
1	100	8.358	8.360	-0.002	136848830	0.1079			
2	100	9.914	9.915	-0.001	71748678	0.1207			
						RPD = 11.22			
17 Endrin									
1	100	8.819	8.819	0.000	129755878	0.1091			
2	100	10.436	10.437	-0.001	68427798	0.1277			
						RPD = 15.70			
1 4,4'-DDD									
1	100	9.187	9.186	0.001	105021700	0.1082			
2	100	10.774	10.776	-0.002	58530272	0.1369			
						RPD = 23.39			
15 Endosulfan II									
1	100	9.271	9.274	-0.003	93904025	0.0858			
2	100	10.807	10.806	0.001	50815628	0.1047			
						RPD = 19.83			
3 4,4'-DDT									
1	100	9.711	9.712	-0.001	109427838	0.1187			
2	100	11.256	11.257	-0.001	50463966	0.1276			
						RPD = 7.25			
18 Endrin aldehyde									
1	100	10.076	10.079	-0.003	87149392	0.0990			
2	100	11.372	11.374	-0.002	46092529	0.1167			
						RPD = 16.43			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									
1	1		10.265						
1	2		10.611						
1	3		10.765						
1	4		11.181						
1	5		11.449						
2	100		10.363						
2	2		10.955						
2	3		11.376						
2	4		12.119						
2	5		12.679						
27 Methoxychlor									
1	100	10.673	10.673	0.000	51168427	0.1109			
2	100	12.337	12.338	-0.001	24757102	0.1241			
						RPD = 11.23			
16 Endosulfan sulfate									
1	100	10.806	10.805	0.001	99945476	0.1019			
2	100	11.791	11.791	0.000	54870385	0.1241			
						RPD = 19.65			
19 Endrin ketone									
1	100	11.207	11.206	0.001	113284655	0.0990			
2	100	12.540	12.540	0.000	61351045	0.1223			
						RPD = 21.11			
$ 10 DCB Decachlorobiphenyl									
1	100	12.827	12.829	-0.002	17935904	0.0187			
2	100	14.256	14.255	0.001	9468950	0.0197			
						RPD = 5.31			

QC Flag Legend

Review Flags
M - Manually Integrated

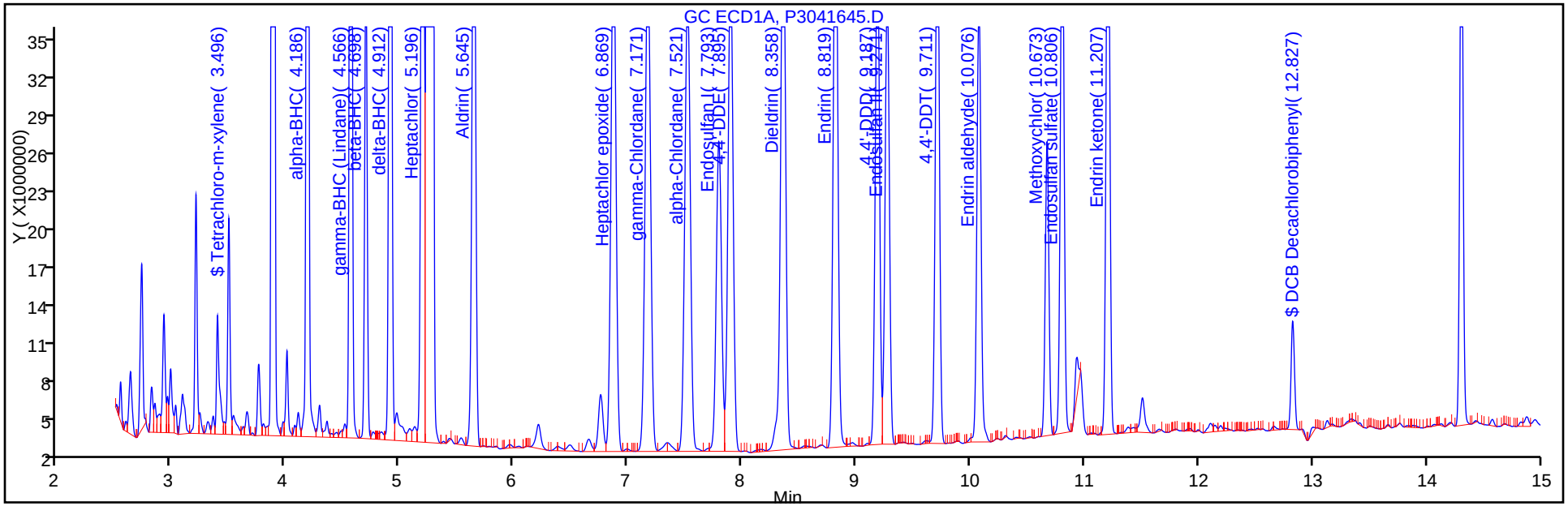
Report Date: 19-Apr-2013 15:40:12 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

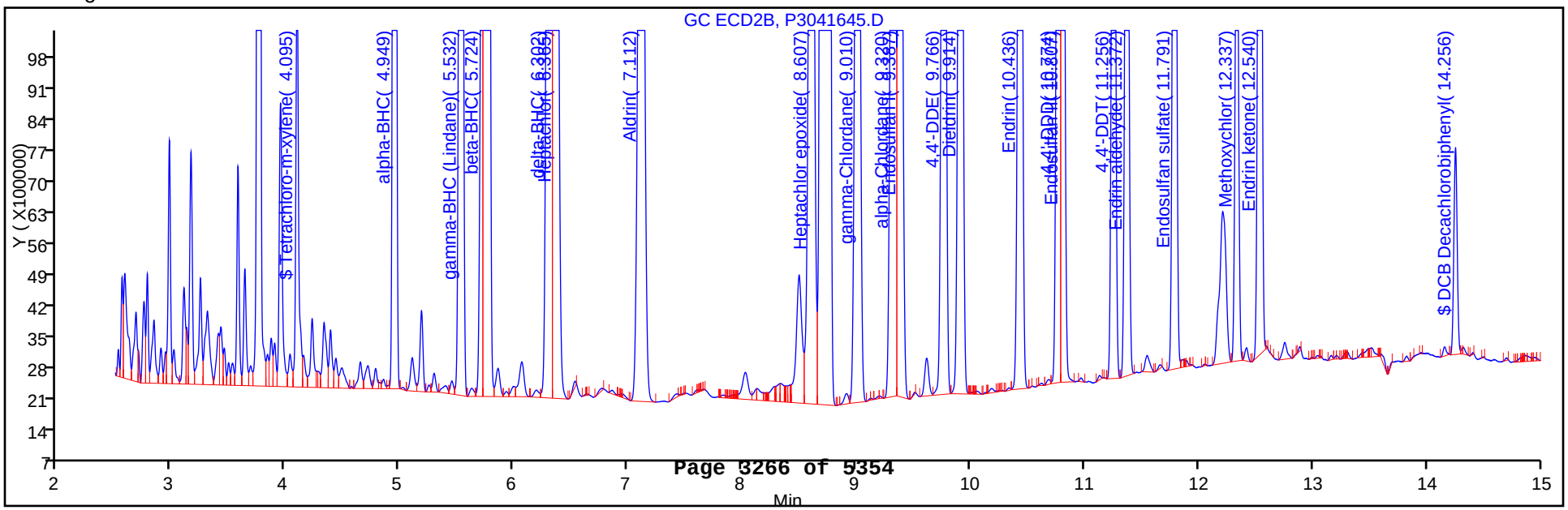
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Injection Date:	17-Apr-2013 03:04:20	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82129	Lims Sample ID:	45
Operator ID:	402582	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-22648-1

SDG No.:

Client Sample ID: 068SB-0041M-0001-SO MSD Lab Sample ID: 240-22648-53 MSD

Matrix: Solid Lab File ID: P3041645.D

Analysis Method: 8081/DOD Date Collected: 03/29/2013 09:12

Extraction Method: 3540C Date Extracted: 04/08/2013 11:01

Sample wt/vol: 29.58(g) Date Analyzed: 04/17/2013 03:04

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.: 82129 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	98		55-130
877-09-8	Tetrachloro-m-xylene	135	Q	70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041645.D
Lims ID: 240-22648-G-53-D MSD Client ID:
Inject. Date: 17-Apr-2013 03:04:20 Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-0018914-045
Misc. Info.:
Operator: 402582 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 45
Lims Batch ID: 82129 Lims Sample ID: 45
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20130416-18914.b\PEST3.m
Last Update: 19-Apr-2013 15:40:12 Calib Date: 16-Apr-2013 14:58:16
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041609.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK004

First Level Reviewer: shockr Date: 17-Apr-2013 10:35:12

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.496	3.495	0.001	23960453	0.0218			
2	100	4.095	4.094	0.001	16338221	0.0271			
						RPD = 21.60			
5 alpha-BHC									
1	100	4.186	4.185	0.001	172649192	0.1063			
2	100	4.949	4.950	-0.001	97806244	0.1270			
						RPD = 17.74			
20 gamma-BHC (Lindane)									
1	100	4.566	4.565	0.001	158025063	0.1086			
2	100	5.532	5.533	-0.001	87212583	0.1288			
						RPD = 17.03			
7 beta-BHC									M
1	100	4.698	4.698	0.000	58940864	0.0953			
2	100	5.724	5.718	0.006	24451121	0.0827			
						RPD = 14.17			
11 delta-BHC									
1	100	4.912	4.912	0.000	154521963	0.1044			
2	100	6.302	6.302	0.000	78200045	0.1124			
						RPD = 7.40			
22 Heptachlor									
1	100	5.196	5.195	0.001	142890652	0.1109			
2	100	6.365	6.365	0.000	68704307	0.1179			
						RPD = 6.05			
4 Aldrin									
1	100	5.645	5.645	0.000	113918047	0.0838			
2	100	7.112	7.114	-0.002	78759492	0.1182			
						RPD = 34.14			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.869	6.870	-0.001	125746227	0.1022			
2	100	8.607	8.607	0.000	75046117	0.1291			
						RPD = 23.22			
21 gamma-Chlordane									
1	100	7.171	7.173	-0.002	129492659	0.1025			
2	100	9.010	9.011	-0.001	69634404	0.1187			
						RPD = 14.67			
6 alpha-Chlordane									
1	100	7.521	7.520	0.001	120764889	0.0936			
2	100	9.320	9.322	-0.002	68792201	0.1127			
						RPD = 18.49			
14 Endosulfan I									
1	100	7.793	7.795	-0.002	78443514	0.0681			
2	100	9.387	9.389	-0.002	52209937	0.0983			
						RPD = 36.33			
2 4,4'-DDE									
1	100	7.895	7.897	-0.002	118992770	0.0940			
2	100	9.766	9.767	-0.001	68924255	0.1130			
						RPD = 18.42			
13 Dieldrin									
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2	100	9.914	9.915	-0.001	71748678	0.1207			
						RPD = 11.22			
17 Endrin									
1	100	8.819	8.819	0.000	129755878	0.1091			
2	100	10.436	10.437	-0.001	68427798	0.1277			
						RPD = 15.70			
1 4,4'-DDD									
1	100	9.187	9.186	0.001	105021700	0.1082			
2	100	10.774	10.776	-0.002	58530272	0.1369			
						RPD = 23.39			
15 Endosulfan II									
1	100	9.271	9.274	-0.003	93904025	0.0858			
2	100	10.807	10.806	0.001	50815628	0.1047			
						RPD = 19.83			
3 4,4'-DDT									
1	100	9.711	9.712	-0.001	109427838	0.1187			
2	100	11.256	11.257	-0.001	50463966	0.1276			
						RPD = 7.25			
18 Endrin aldehyde									
1	100	10.076	10.079	-0.003	87149392	0.0990			
2	100	11.372	11.374	-0.002	46092529	0.1167			
						RPD = 16.43			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									
1	1		10.265						
1	2		10.611						
1	3		10.765						
1	4		11.181						
1	5		11.449						
2	100		10.363						
2	2		10.955						
2	3		11.376						
2	4		12.119						
2	5		12.679						
27 Methoxychlor									
1	100	10.673	10.673	0.000	51168427	0.1109			
2	100	12.337	12.338	-0.001	24757102	0.1241			
						RPD = 11.23			
16 Endosulfan sulfate									
1	100	10.806	10.805	0.001	99945476	0.1019			
2	100	11.791	11.791	0.000	54870385	0.1241			
						RPD = 19.65			
19 Endrin ketone									
1	100	11.207	11.206	0.001	113284655	0.0990			
2	100	12.540	12.540	0.000	61351045	0.1223			
						RPD = 21.11			
$ 10 DCB Decachlorobiphenyl									
1	100	12.827	12.829	-0.002	17935904	0.0187			
2	100	14.256	14.255	0.001	9468950	0.0197			
						RPD = 5.31			

QC Flag Legend

Review Flags
M - Manually Integrated

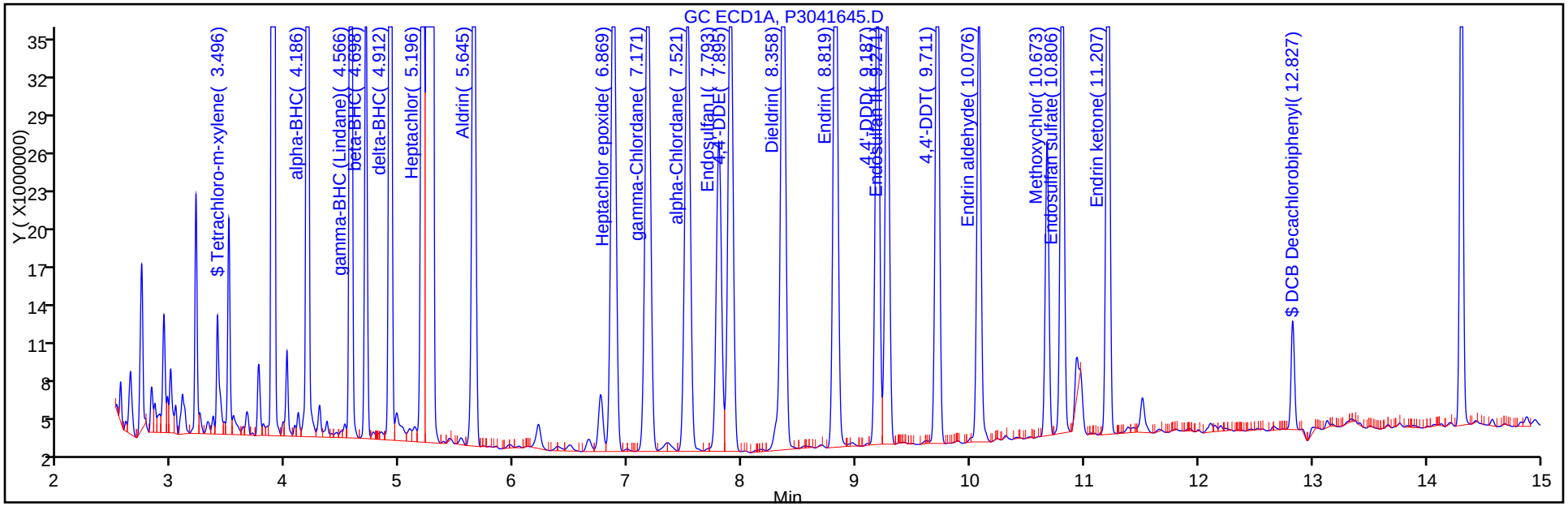
Report Date: 19-Apr-2013 15:40:13 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

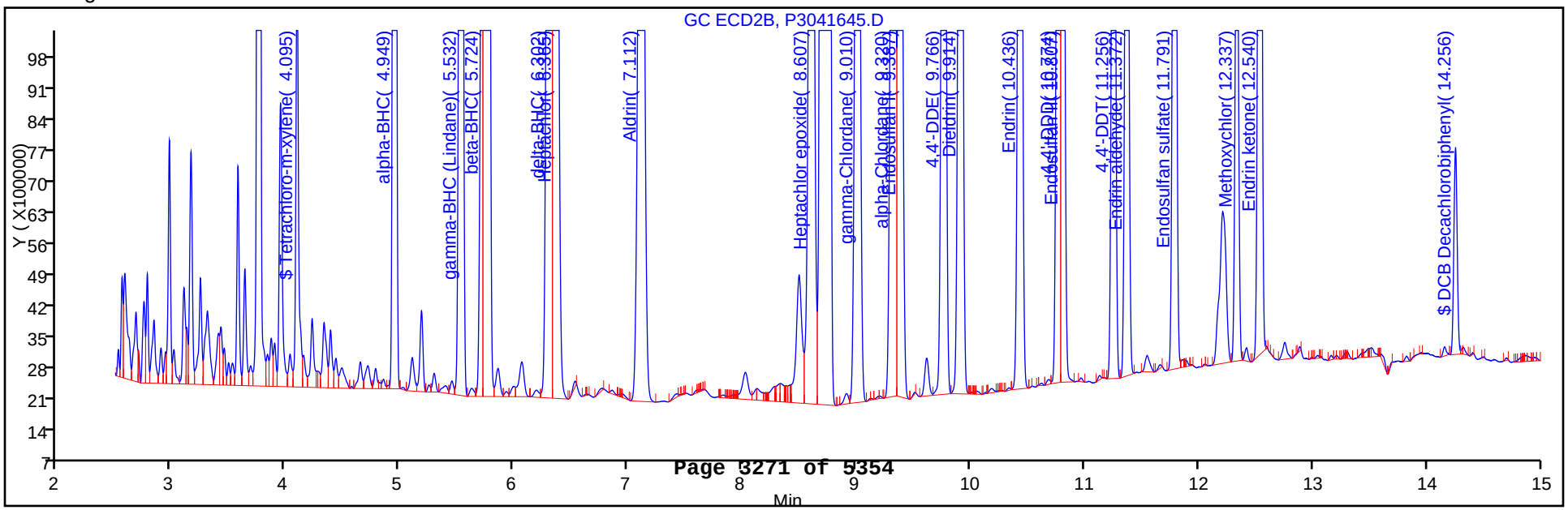
Data File: \\NCChrom\ChromData\A2HP3\20130416-18914.b\P3041645.D

Injection Date:	17-Apr-2013 03:04:20	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	82129	Lims Sample ID:	45
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.: 240-22648-1

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.: 240-22648-1

SDG No.:

Instrument ID: A2HP3 Start Date: 04/16/2013 13:17

Analysis Batch Number: 82129 End Date: 04/17/2013 05:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PEM 240-82129/4		04/16/2013 13:17	1		CLP-1 0.53(mm)
PEM 240-82129/4		04/16/2013 13:17	1		CLP-2 0.53(mm)
STD 240-82129/5 IC		04/16/2013 13:37	1		CLP-1 0.53(mm)
STD 240-82129/5 IC		04/16/2013 13:37	1		CLP-2 0.53(mm)
STD 240-82129/6 IC		04/16/2013 13:57	1		CLP-1 0.53(mm)
STD 240-82129/6 IC		04/16/2013 13:57	1		CLP-2 0.53(mm)
STD 240-82129/7 ICRT		04/16/2013 14:17	1		CLP-1 0.53(mm)
STD 240-82129/7 ICRT		04/16/2013 14:17	1		CLP-2 0.53(mm)
STD 240-82129/8 IC		04/16/2013 14:38	1		CLP-1 0.53(mm)
STD 240-82129/8 IC		04/16/2013 14:38	1		CLP-2 0.53(mm)
STD 240-82129/9 IC		04/16/2013 14:58	1		CLP-1 0.53(mm)
STD 240-82129/9 IC		04/16/2013 14:58	1		CLP-2 0.53(mm)
CCV 240-82129/10		04/16/2013 15:18	1	P3041610.D	CLP-1 0.53(mm)
CCV 240-82129/10		04/16/2013 15:18	1	P3041610.D	CLP-2 0.53(mm)
CCV 240-82129/13 CCVRT		04/16/2013 16:19	1	P3041613.D	CLP-1 0.53(mm)
CCV 240-82129/13 CCVRT		04/16/2013 16:19	1	P3041613.D	CLP-2 0.53(mm)
MRL 240-82129/14		04/16/2013 16:39	1	P3041614.D	CLP-1 0.53(mm)
MRL 240-82129/14		04/16/2013 16:39	1	P3041614.D	CLP-2 0.53(mm)
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ZZZZZ		04/16/2013 19:20	1		CLP-2 0.53(mm)
ZZZZZ		04/16/2013 19:40	1		CLP-1 0.53(mm)
ZZZZZ		04/16/2013 19:40	1		CLP-2 0.53(mm)
ZZZZZ		04/16/2013 20:00	1		CLP-1 0.53(mm)
ZZZZZ		04/16/2013 20:00	1		CLP-2 0.53(mm)
PEM 240-82129/25		04/16/2013 20:21	1	P3041625.D	CLP-1 0.53(mm)
PEM 240-82129/25		04/16/2013 20:21	1	P3041625.D	CLP-2 0.53(mm)
CCV 240-82129/26		04/16/2013 20:41	1	P3041626.D	CLP-1 0.53(mm)
CCV 240-82129/26		04/16/2013 20:41	1	P3041626.D	CLP-2 0.53(mm)
LCS 240-80978/18-A		04/16/2013 21:01	1	P3041627.D	CLP-1 0.53(mm)
LCS 240-80978/18-A		04/16/2013 21:01	1	P3041627.D	CLP-2 0.53(mm)
ZZZZZ		04/16/2013 21:21	1		CLP-1 0.53(mm)
ZZZZZ		04/16/2013 21:21	1		CLP-2 0.53(mm)
ZZZZZ		04/16/2013 21:41	50		CLP-1 0.53(mm)
ZZZZZ		04/16/2013 21:41	50		CLP-2 0.53(mm)
ZZZZZ		04/16/2013 22:02	1		CLP-1 0.53(mm)
ZZZZZ		04/16/2013 22:02	1		CLP-2 0.53(mm)
ZZZZZ		04/16/2013 22:22	1		CLP-1 0.53(mm)
ZZZZZ		04/16/2013 22:22	1		CLP-2 0.53(mm)
ZZZZZ		04/16/2013 22:42	1		CLP-1 0.53(mm)
ZZZZZ		04/16/2013 22:42	1		CLP-2 0.53(mm)
ZZZZZ		04/16/2013 23:02	1		CLP-1 0.53(mm)
ZZZZZ		04/16/2013 23:02	1		CLP-2 0.53(mm)
240-22648-13	073SD-0050-0001-SO	04/16/2013 23:22	20	P3041634.D	CLP-1 0.53(mm)
240-22648-13	073SD-0050-0001-SO	04/16/2013 23:22	20	P3041634.D	CLP-2 0.53(mm)

8081/DOD

GC SEMI VOA ANALYSIS RUN LOG

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

SDG No.:

Instrument ID: A2HP3 Start Date: 04/16/2013 13:17

Analysis Batch Number: 82129 End Date: 04/17/2013 05:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
240-22648-29	079SB-0063M-0001-SO	04/16/2013 23:42	1	P3041635.D	CLP-1 0.53(mm)
240-22648-29	079SB-0063M-0001-SO	04/16/2013 23:42	1	P3041635.D	CLP-2 0.53(mm)
MB 240-80978/17-A		04/17/2013 00:03	1	P3041636.D	CLP-1 0.53(mm)
MB 240-80978/17-A		04/17/2013 00:03	1	P3041636.D	CLP-2 0.53(mm)
CCV 240-82129/37		04/17/2013 00:23	1	P3041637.D	CLP-1 0.53(mm)
CCV 240-82129/37		04/17/2013 00:23	1	P3041637.D	CLP-2 0.53(mm)
240-22648-30	079SB-0064M-0001-SO	04/17/2013 00:43	1	P3041638.D	CLP-1 0.53(mm)
240-22648-30	079SB-0064M-0001-SO	04/17/2013 00:43	1	P3041638.D	CLP-2 0.53(mm)
240-22648-36	079SB-0069M-0001-SO	04/17/2013 01:03	1	P3041639.D	CLP-1 0.53(mm)
240-22648-36	079SB-0069M-0001-SO	04/17/2013 01:03	1	P3041639.D	CLP-2 0.53(mm)
240-22648-38	079SB-0071M-0001-SO	04/17/2013 01:23	1	P3041640.D	CLP-1 0.53(mm)
240-22648-38	079SB-0071M-0001-SO	04/17/2013 01:23	1	P3041640.D	CLP-2 0.53(mm)
240-22648-40	079SB-0074M-0001-SO	04/17/2013 01:43	1	P3041641.D	CLP-1 0.53(mm)
240-22648-40	079SB-0074M-0001-SO	04/17/2013 01:43	1	P3041641.D	CLP-2 0.53(mm)
240-22648-43	068SB-0046M-0001-SO	04/17/2013 02:03	1	P3041642.D	CLP-1 0.53(mm)
240-22648-43	068SB-0046M-0001-SO	04/17/2013 02:03	1	P3041642.D	CLP-2 0.53(mm)
240-22648-53	068SB-0041M-0001-SO	04/17/2013 02:23	1	P3041643.D	CLP-1 0.53(mm)
240-22648-53	068SB-0041M-0001-SO	04/17/2013 02:23	1	P3041643.D	CLP-2 0.53(mm)
240-22648-53 MS	068SB-0041M-0001-SO MS	04/17/2013 02:44	1	P3041644.D	CLP-1 0.53(mm)
240-22648-53 MS	068SB-0041M-0001-SO MS	04/17/2013 02:44	1	P3041644.D	CLP-2 0.53(mm)
240-22648-53 MSD	068SB-0041M-0001-SO MSD	04/17/2013 03:04	1	P3041645.D	CLP-1 0.53(mm)
240-22648-53 MSD	068SB-0041M-0001-SO MSD	04/17/2013 03:04	1	P3041645.D	CLP-2 0.53(mm)
CCV 240-82129/46		04/17/2013 03:24	1	P3041646.D	CLP-1 0.53(mm)
CCV 240-82129/46		04/17/2013 03:24	1	P3041646.D	CLP-2 0.53(mm)
CCV 240-82129/50		04/17/2013 04:45	1	P3041650.D	CLP-1 0.53(mm)
CCV 240-82129/50		04/17/2013 04:45	1	P3041650.D	CLP-2 0.53(mm)
MRL 240-82129/51		04/17/2013 05:05	1	P3041651.D	CLP-1 0.53(mm)
MRL 240-82129/51		04/17/2013 05:05	1	P3041651.D	CLP-2 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

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

SDG No.:

Instrument ID: A2HP3 Start Date: 04/17/2013 15:55

Analysis Batch Number: 82389 End Date: 04/18/2013 05:22

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PEM 240-82389/4		04/17/2013 15:55	1	P3041704.D	CLP-1 0.53(mm)
PEM 240-82389/4		04/17/2013 15:55	1	P3041704.D	CLP-2 0.53(mm)
CCV 240-82389/5 CCVRT		04/17/2013 16:15	1	P3041705.D	CLP-1 0.53(mm)
CCV 240-82389/5 CCVRT		04/17/2013 16:15	1	P3041705.D	CLP-2 0.53(mm)
MRL 240-82389/6		04/17/2013 16:36	1	P3041706.D	CLP-1 0.53(mm)
MRL 240-82389/6		04/17/2013 16:36	1	P3041706.D	CLP-2 0.53(mm)
CCV 240-82389/7		04/17/2013 16:56	1	P3041707.D	CLP-1 0.53(mm)
CCV 240-82389/7		04/17/2013 16:56	1	P3041707.D	CLP-2 0.53(mm)
ZZZZZ		04/17/2013 17:36	5		CLP-1 0.53(mm)
ZZZZZ		04/17/2013 17:36	5		CLP-2 0.53(mm)
ZZZZZ		04/17/2013 18:16	5		CLP-1 0.53(mm)
ZZZZZ		04/17/2013 18:16	5		CLP-2 0.53(mm)
240-22648-18	073SW-0061-0001-SW	04/17/2013 18:37	1	P3041712.D	CLP-1 0.53(mm)
240-22648-18	073SW-0061-0001-SW	04/17/2013 18:37	1	P3041712.D	CLP-2 0.53(mm)
ZZZZZ		04/17/2013 18:57	1		CLP-1 0.53(mm)
ZZZZZ		04/17/2013 18:57	1		CLP-2 0.53(mm)
MB 240-80549/3-A		04/17/2013 19:17	1	P3041714.D	CLP-1 0.53(mm)
MB 240-80549/3-A		04/17/2013 19:17	1	P3041714.D	CLP-2 0.53(mm)
LCS 240-80549/4-A		04/17/2013 19:37	1	P3041715.D	CLP-1 0.53(mm)
LCS 240-80549/4-A		04/17/2013 19:37	1	P3041715.D	CLP-2 0.53(mm)
240-22648-36 RE	079SB-0069M-0001-SO RE	04/17/2013 19:57	1	P3041716.D	CLP-1 0.53(mm)
240-22648-36 RE	079SB-0069M-0001-SO RE	04/17/2013 19:57	1	P3041716.D	CLP-2 0.53(mm)
240-22648-36 MS	079SB-0069M-0001-SO MS	04/17/2013 20:17	1	P3041717.D	CLP-1 0.53(mm)
240-22648-36 MS	079SB-0069M-0001-SO MS	04/17/2013 20:17	1	P3041717.D	CLP-2 0.53(mm)
240-22648-36 MSD	079SB-0069M-0001-SO MSD	04/17/2013 20:38	1	P3041718.D	CLP-1 0.53(mm)
240-22648-36 MSD	079SB-0069M-0001-SO MSD	04/17/2013 20:38	1	P3041718.D	CLP-2 0.53(mm)
MB 240-82127/4-A		04/17/2013 20:58	1	P3041719.D	CLP-1 0.53(mm)
MB 240-82127/4-A		04/17/2013 20:58	1	P3041719.D	CLP-2 0.53(mm)
LCS 240-82127/5-A		04/17/2013 21:18	1	P3041720.D	CLP-1 0.53(mm)
LCS 240-82127/5-A		04/17/2013 21:18	1	P3041720.D	CLP-2 0.53(mm)
CCV 240-82389/14 CCVRT		04/17/2013 21:38	1	P3041721.D	CLP-1 0.53(mm)
CCV 240-82389/14 CCVRT		04/17/2013 21:38	1	P3041721.D	CLP-2 0.53(mm)
MRL 240-82389/15		04/17/2013 21:58	1	P3041722.D	CLP-1 0.53(mm)
MRL 240-82389/15		04/17/2013 21:58	1	P3041722.D	CLP-2 0.53(mm)
CCV 240-82389/37		04/18/2013 05:22	1	P3041744.D	CLP-1 0.53(mm)
CCV 240-82389/37		04/18/2013 05:22	1	P3041744.D	CLP-2 0.53(mm)

GC SEMI VOA BATCH WORKSHEET

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

SDG No.:

Batch Number: 80549 Batch Start Date: 04/04/13 12:50 Batch Analyst: Matthews, Brandon

Batch Method: 3520C Batch End Date: 04/05/13 06:50

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ReceivedpH	EX2/.2SURRW 00023	EXPSTNPDESSPW 00012	AnalysisComment
240-22648-L-18	073SW-0061-0001-SW	3520C, 8081/DOD	T	960 mL	5 mL	7	1 mL		Assoc w/80548
MB 240-80549/3		3520C, 8081/DOD		1000 mL	5 mL	7	1 mL		Assoc w/80548
LCS 240-80549/4		3520C, 8081/DOD		1000 mL	5 mL	7	1 mL	0.5 mL	

Batch Notes	
Exchange Solvent Lot #	804970
Na2SO4 Lot Number	857428
Prep Solvent Lot #	908245

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.: 240-22648-1

SDG No.:

Batch Number: 80978 Batch Start Date: 04/08/13 15:10 Batch Analyst: Cerne, Amanda

Batch Method: 3540C Batch End Date: 04/09/13 07:10

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EX2/.2SURRW 00023	EXPSTNPDESSPW 00012		
240-22648-G-13	073SD-0050-0001-SO	3540C, 8081/DOD	T	30.32 g	10 mL	1 mL			
240-22648-G-29-A	079SB-0063M-0001-SO	3540C, 8081/DOD	T	30.24 g	10 mL	1 mL			
240-22648-G-30-A	079SB-0064M-0001-SO	3540C, 8081/DOD	T	30.32 g	10 mL	1 mL			
240-22648-G-36-A	079SB-0069M-0001-SO	3540C, 8081/DOD	T	30.32 g	10 mL	1 mL			
240-22648-G-38-A	079SB-0071M-0001-SO	3540C, 8081/DOD	T	30.28 g	10 mL	1 mL			
240-22648-G-40-A	079SB-0074M-0001-SO	3540C, 8081/DOD	T	29.61 g	10 mL	1 mL			
240-22648-G-43-A	068SB-0046M-0001-SO	3540C, 8081/DOD	T	29.61 g	10 mL	1 mL			
240-22648-G-53-A	068SB-0041M-0001-SO	3540C, 8081/DOD	T	29.89 g	10 mL	1 mL			
240-22648-G-53-A MS	068SB-0041M-0001-SO	3540C, 8081/DOD	T	30.10 g	10 mL	1 mL	1 mL		
240-22648-G-53-A MSD	068SB-0041M-0001-SO	3540C, 8081/DOD	T	29.58 g	10 mL	1 mL	1 mL		
MB 240-80978/17		3540C, 8081/DOD		30.00 g	10 mL	1 mL			
LCS 240-80978/18		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 #	908886

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.: 240-22648-1

SDG No.:

Batch Number: 82127 Batch Start Date: 04/16/13 11:34 Batch Analyst: Earle, Steve

Batch Method: 3540C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EX2/.2SURRW 00023	EXPSTNPDESSPW 00012		
240-22648-G-36-A	079SB-0069M-0001-SO	3540C, 8081/DOD	T	29.66 g	10 mL	1 mL			
240-22648-G-36-A MS	079SB-0069M-0001-SO	3540C, 8081/DOD	T	29.89 g	10 mL	1 mL	1 mL		
240-22648-G-36-A MSD	079SB-0069M-0001-SO	3540C, 8081/DOD	T	29.95 g	10 mL	1 mL	1 mL		
MB 240-82127/4		3540C, 8081/DOD		30.00 g	10 mL	1 mL			
LCS 240-82127/5		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.

Method 8082 DOD

Polychlorinated Biphenyls (PCBs) by Gas Chromatography by Method 8082/DOD

FORM II
PCBS SURROGATE RECOVERY

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

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 #
073SD-0050-0001-SO	240-22648-13	62	61	45 Q	53 Q
073SD-0050-0001-SO RE	240-22648-13 RE	65	60	66	63
079SB-0063M-0001-SO	240-22648-29	84	70	53 Q	61
079SB-0064M-0001-SO	240-22648-30	90	83	68	77
079SB-0069M-0001-SO	240-22648-36	0 Q	0 Q	61	68
079SB-0069M-0001-SO RE	240-22648-36 RE	118	113	123	127 Q
079SB-0071M-0001-SO	240-22648-38	91	86	73	85
079SB-0074M-0001-SO	240-22648-40	73	70	56 Q	66
068SB-0044M-0001-SO	240-22648-41	88	77	69	74
068SB-0045M-0001-SO	240-22648-42	86	75	73	76
068SB-0046M-0001-SO	240-22648-43	107	102	90	99
068SB-0047M-0001-SO	240-22648-44	79	73	66	68
068SB-0048M-0001-SO	240-22648-45	73	63	73	76
068SB-0033M-0001-SO	240-22648-46	76	73	71	85
068SB-0034M-0001-SO	240-22648-47	75	71	68	72
068SB-0035M-0001-SO	240-22648-48	79	74	63	69
068SB-0038M-0001-SO	240-22648-49	71	68	62	70
068SB-0036M-0001-SO	240-22648-50	92	87	85	91
068SB-0039M-0001-SO	240-22648-51	89	83	83	87
068SB-0040M-0001-SO	240-22648-52	72	68	69	77
068SB-0041M-0001-SO	240-22648-53	66	64	55 Q	63
068SB-0042M-0001-SO	240-22648-54	70	70	61	64
068SB-0050M-0001-SO	240-22648-55	81	76	71	78
068SB-0051M-0001-SO	240-22648-56	84	82	79	81
068SB-0052M-0001-SO	240-22648-57	79	75	73	79

	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.: 240-22648-1

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 #
068SB-0053M-0001-SO	240-22648-58	80	77	71	76
068SB-0054M-0001-SO	240-22648-59	77	72	64	73
068SB-0056M-0001-SO	240-22648-60	87	76	82	86
068SB-0057M-0001-SO	240-22648-61	79	74	69	71
068SB-0059M-0001-SO	240-22648-62	89	83	79	84
	MB 240-80983/17-A	128	102	87	102
	MB 240-81544/23-A	95	82	82	84
	MB 240-82117/17-A	98	94	112	109
	LCS 240-80983/18-A	79	66	57 Q	62
	LCS 240-81544/24-A	112	68	86	88
	LCS 240-82117/18-A	111	108	79	80
079SB-0069M-0001-SO MS	240-22648-36 MS	62	69	67	70
068SB-0046M-0001-SO MS	240-22648-43 MS	81	86	61	67
068SB-0059M-0001-SO MS	240-22648-62 MS	91	83	73	78
079SB-0069M-0001-SO MSD	240-22648-36 MSD	61	70	63	67
068SB-0046M-0001-SO MSD	240-22648-43 MSD	93	93	74	83
068SB-0059M-0001-SO MSD	240-22648-62 MSD	85	81	74	78

	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.: 240-22648-1

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 240-81439/10	136	145 Q	125	131 Q
	MRL 240-81439/31	132	142 Q	120	118
	MRL 240-82562/4	111	120	126 Q	134 Q
	MRL 240-82562/13	114	120	127 Q	140 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.: 240-22648-1

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 #
073SW-0061-0001-SW	240-22648-18	76	73	50	53
	MB 240-80548/3-A	84	84	74	73
	LCS 240-80548/4-A	79	75	53	56

	QC LIMITS
TCX = Tetrachloro-m-xylene	40-140
DCB = DCB Decachlorobiphenyl	40-135

Column to be used to flag recovery values

FORM II 8082/DOD

FORM II
PCBS SURROGATE RECOVERY

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

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 240-80924/4	131	137	112	108
	MRL 240-80924/10	130	129	118	110
	MRL 240-81867/10	116	131	99	105
	MRL 240-81867/38	123	140	124	124

	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.: 240-22648-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P1200008.D

Lab ID: LCS 240-80548/4-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Aroclor-1016	5.00	4.05	81	25-145	
Aroclor-1260	5.00	4.02	80	30-145	

Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

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

SDG No.:

Matrix: Solid Level: Low Lab File ID: P1200029.D

Lab ID: LCS 240-80983/18-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor-1016	333	227	68	40-140	
Aroclor-1260	333	206	62	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.: 240-22648-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P1200031.D

Lab ID: LCS 240-81544/24-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor-1016	333	282	85	40-140	
Aroclor-1260	333	310	93	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.: 240-22648-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P4000011.D

Lab ID: LCS 240-82117/18-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor-1016	333	238	71	40-140	
Aroclor-1260	333	259	78	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.: 240-22648-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P1200004.D

Lab ID: MRL 240-80924/4 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Aroclor-1016	0.0500	0.0611	122	70-130	
Aroclor-1016	0.0500	0.0601	120	70-130	
Aroclor-1260	0.0500	0.0531	106	70-130	
Aroclor-1260	0.0500	0.0513	103	70-130	

Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS METHOD REPORTING LIMIT CHECK RECOVERY

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

SDG No.:

Matrix: Water Level: Low Lab File ID: P1200010.D

Lab ID: MRL 240-80924/10 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Aroclor-1016	0.0500	0.0579	116	70-130	
Aroclor-1016	0.0500	0.0622	124	70-130	
Aroclor-1260	0.0500	0.0529	106	70-130	
Aroclor-1260	0.0500	0.0519	104	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.: 240-22648-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P1200010.D

Lab ID: MRL 240-81439/10 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Aroclor-1016	0.0500	0.0700	140	70-130	^
Aroclor-1016	0.0500	0.0682	136	70-130	^
Aroclor-1260	0.0500	0.0590	118	70-130	
Aroclor-1260	0.0500	0.0565	113	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.: 240-22648-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P1200031.D

Lab ID: MRL 240-81439/31 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Aroclor-1016	0.0500	0.0669	134	70-130	^
Aroclor-1016	0.0500	0.0639	128	70-130	
Aroclor-1260	0.0500	0.0572	114	70-130	
Aroclor-1260	0.0500	0.0546	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.: 240-22648-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P1200010.D

Lab ID: MRL 240-81867/10 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Aroclor-1016	0.0500	0.0671	134	70-130	^
Aroclor-1016	0.0500	0.0663	133	70-130	^
Aroclor-1260	0.0500	0.0570	114	70-130	
Aroclor-1260	0.0500	0.0554	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.: 240-22648-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P1200038.D

Lab ID: MRL 240-81867/38 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Aroclor-1016	0.0500	0.0728	146	70-130	^
Aroclor-1016	0.0500	0.0706	141	70-130	^
Aroclor-1260	0.0500	0.0632	126	70-130	
Aroclor-1260	0.0500	0.0609	122	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.: 240-22648-1

SDG No.:

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

Lab ID: MRL 240-82562/4 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Aroclor-1016	0.0500	0.0573	115	70-130	
Aroclor-1016	0.0500	0.0516	103	70-130	
Aroclor-1260	0.0500	0.0570	114	70-130	
Aroclor-1260	0.0500	0.0557	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.: 240-22648-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P4000013.D

Lab ID: MRL 240-82562/13 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Aroclor-1016	0.0500	0.0582	116	70-130	
Aroclor-1016	0.0500	0.0538	108	70-130	
Aroclor-1260	0.0500	0.0585	117	70-130	
Aroclor-1260	0.0500	0.0563	113	70-130	

Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS MATRIX SPIKE RECOVERY

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

SDG No.:

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

Lab ID: 240-22648-36 MS Client ID: 079SB-0069M-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor-1016	329	25 U	214	65	40-140	H
Aroclor-1260	329	25 U	231	70	60-130	H

Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS MATRIX SPIKE RECOVERY

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

SDG No.:

Matrix: Solid Level: Low Lab File ID: P1200026.D

Lab ID: 240-22648-43 MS Client ID: 068SB-0046M-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor-1016	333	25 U	277	83	40-140	
Aroclor-1260	333	25 U	248	75	60-130	

Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS MATRIX SPIKE RECOVERY

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

SDG No.:

Matrix: Solid Level: Low Lab File ID: P1200035.D

Lab ID: 240-22648-62 MS Client ID: 068SB-0059M-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor-1016	335	25 U	264	79	40-140	
Aroclor-1260	335	25 U	269	80	60-130	

Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

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

SDG No.:

Matrix: Solid Level: Low Lab File ID: P4000009.D

Lab ID: 240-22648-36 MSD Client ID: 079SB-0069M-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor-1016	339	211	62	1	30	40-140	H
Aroclor-1260	339	230	68	1	30	60-130	H

Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

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

SDG No.:

Matrix: Solid Level: Low Lab File ID: P1200027.D

Lab ID: 240-22648-43 MSD Client ID: 068SB-0046M-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor-1016	337	330	98	18	30	40-140	
Aroclor-1260	337	296	88	18	30	60-130	

Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

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

SDG No.:

Matrix: Solid Level: Low Lab File ID: P1200036.D

Lab ID: 240-22648-62 MSD Client ID: 068SB-0059M-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor-1016	335	271	81	3	30	40-140	
Aroclor-1260	335	273	81	2	30	60-130	

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.: 240-22648-1

SDG No.:

Lab Sample ID: MB 240-80548/3-A

Matrix: Water Date Extracted: 04/04/2013 09:38

Lab File ID:(1) P1200007.D Lab File ID:(2) P1200007.D

Date Analyzed:(1) 04/08/2013 15:09 Date Analyzed:(2) 04/08/2013 15:09

Instrument ID:(1) A2HP12 Instrument ID:(2) A2HP12

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
073SW-0061-0001-SW	240-22648-18	04/08/2013 14:40	04/08/2013 14:40
	LCS 240-80548/4-A	04/08/2013 15:23	04/08/2013 15:23

FORM IV
PCBS METHOD BLANK SUMMARY

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

SDG No.:

Lab Sample ID: MB 240-80983/17-A

Matrix: Solid Date Extracted: 04/08/2013 11:10

Lab File ID:(1) P1200020.D Lab File ID:(2) P1200020.D

Date Analyzed:(1) 04/11/2013 12:28 Date Analyzed:(2) 04/11/2013 12:28

Instrument ID:(1) A2HP12 Instrument ID:(2) A2HP12

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
073SD-0050-0001-SO	240-22648-13	04/11/2013 11:45	04/11/2013 11:45
079SB-0063M-0001-SO	240-22648-29	04/11/2013 12:00	04/11/2013 12:00
079SB-0064M-0001-SO	240-22648-30	04/11/2013 12:14	04/11/2013 12:14
079SB-0069M-0001-SO	240-22648-36	04/11/2013 12:58	04/11/2013 12:58
079SB-0071M-0001-SO	240-22648-38	04/11/2013 13:13	04/11/2013 13:13
079SB-0074M-0001-SO	240-22648-40	04/11/2013 13:27	04/11/2013 13:27
068SB-0046M-0001-SO	240-22648-43	04/11/2013 13:42	04/11/2013 13:42
068SB-0046M-0001-SO MS	240-22648-43 MS	04/11/2013 13:56	04/11/2013 13:56
068SB-0046M-0001-SO MSD	240-22648-43 MSD	04/11/2013 14:11	04/11/2013 14:11
068SB-0041M-0001-SO	240-22648-53	04/11/2013 14:26	04/11/2013 14:26
	LCS 240-80983/18-A	04/11/2013 14:40	04/11/2013 14:40

FORM IV
PCBS METHOD BLANK SUMMARY

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

SDG No.:

Lab Sample ID: MB 240-81544/23-A

Matrix: Solid Date Extracted: 04/11/2013 11:52

Lab File ID:(1) P1200020.D Lab File ID:(2) P1200020.D

Date Analyzed:(1) 04/15/2013 14:07 Date Analyzed:(2) 04/15/2013 14:07

Instrument ID:(1) A2HP12 Instrument ID:(2) A2HP12

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-0044M-0001-SO	240-22648-41	04/15/2013 11:57	04/15/2013 11:57
068SB-0045M-0001-SO	240-22648-42	04/15/2013 12:11	04/15/2013 12:11
068SB-0047M-0001-SO	240-22648-44	04/15/2013 12:25	04/15/2013 12:25
068SB-0048M-0001-SO	240-22648-45	04/15/2013 12:40	04/15/2013 12:40
068SB-0033M-0001-SO	240-22648-46	04/15/2013 12:55	04/15/2013 12:55
068SB-0034M-0001-SO	240-22648-47	04/15/2013 13:09	04/15/2013 13:09
068SB-0035M-0001-SO	240-22648-48	04/15/2013 13:24	04/15/2013 13:24
068SB-0038M-0001-SO	240-22648-49	04/15/2013 13:38	04/15/2013 13:38
068SB-0036M-0001-SO	240-22648-50	04/15/2013 13:52	04/15/2013 13:52
068SB-0039M-0001-SO	240-22648-51	04/15/2013 14:36	04/15/2013 14:36
068SB-0040M-0001-SO	240-22648-52	04/15/2013 14:51	04/15/2013 14:51
068SB-0042M-0001-SO	240-22648-54	04/15/2013 15:06	04/15/2013 15:06
068SB-0050M-0001-SO	240-22648-55	04/15/2013 15:20	04/15/2013 15:20
068SB-0051M-0001-SO	240-22648-56	04/15/2013 15:35	04/15/2013 15:35
068SB-0052M-0001-SO	240-22648-57	04/15/2013 15:49	04/15/2013 15:49
068SB-0053M-0001-SO	240-22648-58	04/15/2013 16:03	04/15/2013 16:03
068SB-0054M-0001-SO	240-22648-59	04/15/2013 16:18	04/15/2013 16:18
068SB-0056M-0001-SO	240-22648-60	04/15/2013 16:32	04/15/2013 16:32
	LCS 240-81544/24-A	04/15/2013 16:47	04/15/2013 16:47
068SB-0057M-0001-SO	240-22648-61	04/15/2013 17:16	04/15/2013 17:16
068SB-0059M-0001-SO	240-22648-62	04/15/2013 17:31	04/15/2013 17:31
068SB-0059M-0001-SO MS	240-22648-62 MS	04/15/2013 17:45	04/15/2013 17:45
068SB-0059M-0001-SO MSD	240-22648-62 MSD	04/15/2013 18:00	04/15/2013 18:00

FORM IV
PCBS METHOD BLANK SUMMARY

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

SDG No.:

Lab Sample ID: MB 240-82117/17-A

Matrix: Solid Date Extracted: 04/16/2013 10:59

Lab File ID:(1) P4000010.D Lab File ID:(2) P4000010.D

Date Analyzed:(1) 04/18/2013 18:36 Date Analyzed:(2) 04/18/2013 18:36

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
073SD-0050-0001-SO RE	240-22648-13 RE	04/18/2013 17:18	04/18/2013 17:18
079SB-0069M-0001-SO RE	240-22648-36 RE	04/18/2013 17:49	04/18/2013 17:49
079SB-0069M-0001-SO MS	240-22648-36 MS	04/18/2013 18:04	04/18/2013 18:04
079SB-0069M-0001-SO MSD	240-22648-36 MSD	04/18/2013 18:20	04/18/2013 18:20
	LCS 240-82117/18-A	04/18/2013 18:51	04/18/2013 18:51

FORM VIII
PCBS ANALYTICAL SEQUENCE

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

SDG No.:

Sample No.: CCV 240-80924/3 Date Analyzed: 04/08/2013 14:12

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): P1200003.D Heated Purge: (Y/N) N

Calibration ID: 14302

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.30	6.68	
UPPER LIMIT				1.40	6.78	
LOWER LIMIT				1.20	6.58	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-80924/3 CCVRT		04/08/2013 14:12	P1200003.D	1.30	6.68	
240-22648-18	073SW-0061-0001-SW	04/08/2013 14:40	P1200005.D	1.30	6.68	
MB 240-80548/3-A		04/08/2013 15:09	P1200007.D	1.30	6.68	
LCS 240-80548/4-A		04/08/2013 15:23	P1200008.D	1.30	6.68	
CCV 240-80924/9		04/08/2013 15:37	P1200009.D	1.30	6.68	

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.: 240-22648-1

SDG No.:

Sample No.: CCV 240-80924/3 Date Analyzed: 04/08/2013 14:12

Instrument ID: A2HP12 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): P1200003.D Heated Purge: (Y/N) N

Calibration ID: 14303

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.67	7.84	
UPPER LIMIT				1.77	7.94	
LOWER LIMIT				1.57	7.74	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-80924/3 CCVRT		04/08/2013 14:12	P1200003.D	1.67	7.84	
240-22648-18	073SW-0061-0001-SW	04/08/2013 14:40	P1200005.D	1.67	7.84	
MB 240-80548/3-A		04/08/2013 15:09	P1200007.D	1.67	7.84	
LCS 240-80548/4-A		04/08/2013 15:23	P1200008.D	1.67	7.84	
CCV 240-80924/9		04/08/2013 15:37	P1200009.D	1.67	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.: 240-22648-1

SDG No.:

Sample No.: CCV 240-81439/3 Date Analyzed: 04/11/2013 08:20

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): P1200003.D Heated Purge: (Y/N) N

Calibration ID: 14302

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.30	6.69	
UPPER LIMIT				1.40	6.79	
LOWER LIMIT				1.20	6.59	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-81439/3 CCVRT		04/11/2013 08:20	P1200003.D	1.30	6.69	
240-22648-13	073SD-0050-0001-SO	04/11/2013 11:45	P1200017.D	1.30	6.69	
240-22648-29	079SB-0063M-0001-SO	04/11/2013 12:00	P1200018.D	1.30	6.68	
240-22648-30	079SB-0064M-0001-SO	04/11/2013 12:14	P1200019.D	1.30	6.68	
MB 240-80983/17-A		04/11/2013 12:28	P1200020.D	1.30	6.69	
CCV 240-81439/21		04/11/2013 12:43	P1200021.D	1.30	6.68	
240-22648-36	079SB-0069M-0001-SO	04/11/2013 12:58	P1200022.D		6.68	
240-22648-38	079SB-0071M-0001-SO	04/11/2013 13:13	P1200023.D	1.30	6.69	
240-22648-40	079SB-0074M-0001-SO	04/11/2013 13:27	P1200024.D	1.30	6.68	
240-22648-43	068SB-0046M-0001-SO	04/11/2013 13:42	P1200025.D	1.30	6.68	
240-22648-43 MS	068SB-0046M-0001-SO MS	04/11/2013 13:56	P1200026.D	1.30	6.68	
240-22648-43 MSD	068SB-0046M-0001-SO MSD	04/11/2013 14:11	P1200027.D	1.30	6.68	
240-22648-53	068SB-0041M-0001-SO	04/11/2013 14:26	P1200028.D	1.30	6.68	
LCS 240-80983/18-A		04/11/2013 14:40	P1200029.D	1.30	6.68	
CCV 240-81439/30		04/11/2013 14:55	P1200030.D	1.30	6.68	

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.: 240-22648-1

SDG No.:

Sample No.: CCV 240-81439/3 Date Analyzed: 04/11/2013 08:20

Instrument ID: A2HP12 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): P1200003.D Heated Purge: (Y/N) N

Calibration ID: 14303

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.67	7.84	
UPPER LIMIT				1.77	7.94	
LOWER LIMIT				1.57	7.74	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-81439/3 CCVRT		04/11/2013 08:20	P1200003.D	1.67	7.84	
240-22648-13	073SD-0050-0001-SO	04/11/2013 11:45	P1200017.D	1.67	7.84	
240-22648-29	079SB-0063M-0001-SO	04/11/2013 12:00	P1200018.D	1.67	7.84	
240-22648-30	079SB-0064M-0001-SO	04/11/2013 12:14	P1200019.D	1.67	7.84	
MB 240-80983/17-A		04/11/2013 12:28	P1200020.D	1.67	7.84	
CCV 240-81439/21		04/11/2013 12:43	P1200021.D	1.67	7.84	
240-22648-36	079SB-0069M-0001-SO	04/11/2013 12:58	P1200022.D		7.84	
240-22648-38	079SB-0071M-0001-SO	04/11/2013 13:13	P1200023.D	1.67	7.84	
240-22648-40	079SB-0074M-0001-SO	04/11/2013 13:27	P1200024.D	1.67	7.84	
240-22648-43	068SB-0046M-0001-SO	04/11/2013 13:42	P1200025.D	1.67	7.84	
240-22648-43 MS	068SB-0046M-0001-SO MS	04/11/2013 13:56	P1200026.D	1.68	7.84	
240-22648-43 MSD	068SB-0046M-0001-SO MSD	04/11/2013 14:11	P1200027.D	1.67	7.84	
240-22648-53	068SB-0041M-0001-SO	04/11/2013 14:26	P1200028.D	1.67	7.84	
LCS 240-80983/18-A		04/11/2013 14:40	P1200029.D	1.67	7.84	
CCV 240-81439/30		04/11/2013 14:55	P1200030.D	1.67	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.: 240-22648-1

SDG No.:

Sample No.: CCV 240-81867/3 Date Analyzed: 04/15/2013 06:45

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): P1200003.D Heated Purge: (Y/N) N

Calibration ID: 14302

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.30	6.69	
UPPER LIMIT				1.40	6.79	
LOWER LIMIT				1.20	6.59	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-81867/3 CCVRT		04/15/2013 06:45	P1200003.D	1.30	6.69	
240-22648-41	068SB-0044M-0001-SO	04/15/2013 11:57	P1200011.D	1.31	6.69	
240-22648-42	068SB-0045M-0001-SO	04/15/2013 12:11	P1200012.D	1.30	6.69	
240-22648-44	068SB-0047M-0001-SO	04/15/2013 12:25	P1200013.D	1.30	6.68	
240-22648-45	068SB-0048M-0001-SO	04/15/2013 12:40	P1200014.D	1.30	6.69	
240-22648-46	068SB-0033M-0001-SO	04/15/2013 12:55	P1200015.D	1.30	6.68	
240-22648-47	068SB-0034M-0001-SO	04/15/2013 13:09	P1200016.D	1.30	6.68	
240-22648-48	068SB-0035M-0001-SO	04/15/2013 13:24	P1200017.D	1.30	6.69	
240-22648-49	068SB-0038M-0001-SO	04/15/2013 13:38	P1200018.D	1.30	6.69	
240-22648-50	068SB-0036M-0001-SO	04/15/2013 13:52	P1200019.D	1.30	6.68	
MB 240-81544/23-A		04/15/2013 14:07	P1200020.D	1.30	6.68	
CCV 240-81867/21		04/15/2013 14:22	P1200021.D	1.30	6.68	
240-22648-51	068SB-0039M-0001-SO	04/15/2013 14:36	P1200022.D	1.30	6.69	
240-22648-52	068SB-0040M-0001-SO	04/15/2013 14:51	P1200023.D	1.30	6.68	
240-22648-54	068SB-0042M-0001-SO	04/15/2013 15:06	P1200024.D	1.30	6.68	
240-22648-55	068SB-0050M-0001-SO	04/15/2013 15:20	P1200025.D	1.30	6.69	
240-22648-56	068SB-0051M-0001-SO	04/15/2013 15:35	P1200026.D	1.30	6.69	
240-22648-57	068SB-0052M-0001-SO	04/15/2013 15:49	P1200027.D	1.30	6.68	
240-22648-58	068SB-0053M-0001-SO	04/15/2013 16:03	P1200028.D	1.30	6.69	
240-22648-59	068SB-0054M-0001-SO	04/15/2013 16:18	P1200029.D	1.30	6.68	
240-22648-60	068SB-0056M-0001-SO	04/15/2013 16:32	P1200030.D	1.30	6.68	
LCS 240-81544/24-A		04/15/2013 16:47	P1200031.D	1.30	6.69	
CCV 240-81867/32		04/15/2013 17:02	P1200032.D	1.30	6.69	
240-22648-61	068SB-0057M-0001-SO	04/15/2013 17:16	P1200033.D	1.30	6.69	
240-22648-62	068SB-0059M-0001-SO	04/15/2013 17:31	P1200034.D	1.30	6.69	
240-22648-62 MS	068SB-0059M-0001-SO MS	04/15/2013 17:45	P1200035.D	1.30	6.69	

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.: 240-22648-1

SDG No.:

Sample No.: CCV 240-81867/3 Date Analyzed: 04/15/2013 06:45

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): P1200003.D Heated Purge: (Y/N) N

Calibration ID: 14302

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.30	6.69	
UPPER LIMIT				1.40	6.79	
LOWER LIMIT				1.20	6.59	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
240-22648-62 MSD	068SB-0059M-0001-SO MSD	04/15/2013 18:00	P1200036.D	1.30	6.68	
CCV 240-81867/37		04/15/2013 18:15	P1200037.D	1.30	6.69	

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.: 240-22648-1

SDG No.:

Sample No.: CCV 240-81867/3 Date Analyzed: 04/15/2013 06:45

Instrument ID: A2HP12 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): P1200003.D Heated Purge: (Y/N) N

Calibration ID: 14303

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.67	7.84	
UPPER LIMIT				1.77	7.94	
LOWER LIMIT				1.57	7.74	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-81867/3 CCVRT		04/15/2013 06:45	P1200003.D	1.67	7.84	
240-22648-41	068SB-0044M-0001-SO	04/15/2013 11:57	P1200011.D	1.67	7.84	
240-22648-42	068SB-0045M-0001-SO	04/15/2013 12:11	P1200012.D	1.67	7.84	
240-22648-44	068SB-0047M-0001-SO	04/15/2013 12:25	P1200013.D	1.67	7.84	
240-22648-45	068SB-0048M-0001-SO	04/15/2013 12:40	P1200014.D	1.67	7.84	
240-22648-46	068SB-0033M-0001-SO	04/15/2013 12:55	P1200015.D	1.67	7.84	
240-22648-47	068SB-0034M-0001-SO	04/15/2013 13:09	P1200016.D	1.68	7.84	
240-22648-48	068SB-0035M-0001-SO	04/15/2013 13:24	P1200017.D	1.67	7.84	
240-22648-49	068SB-0038M-0001-SO	04/15/2013 13:38	P1200018.D	1.67	7.84	
240-22648-50	068SB-0036M-0001-SO	04/15/2013 13:52	P1200019.D	1.67	7.84	
MB 240-81544/23-A		04/15/2013 14:07	P1200020.D	1.67	7.84	
CCV 240-81867/21		04/15/2013 14:22	P1200021.D	1.67	7.84	
240-22648-51	068SB-0039M-0001-SO	04/15/2013 14:36	P1200022.D	1.67	7.84	
240-22648-52	068SB-0040M-0001-SO	04/15/2013 14:51	P1200023.D	1.67	7.84	
240-22648-54	068SB-0042M-0001-SO	04/15/2013 15:06	P1200024.D	1.67	7.84	
240-22648-55	068SB-0050M-0001-SO	04/15/2013 15:20	P1200025.D	1.67	7.84	
240-22648-56	068SB-0051M-0001-SO	04/15/2013 15:35	P1200026.D	1.68	7.84	
240-22648-57	068SB-0052M-0001-SO	04/15/2013 15:49	P1200027.D	1.67	7.84	
240-22648-58	068SB-0053M-0001-SO	04/15/2013 16:03	P1200028.D	1.68	7.84	
240-22648-59	068SB-0054M-0001-SO	04/15/2013 16:18	P1200029.D	1.67	7.84	
240-22648-60	068SB-0056M-0001-SO	04/15/2013 16:32	P1200030.D	1.67	7.84	
LCS 240-81544/24-A		04/15/2013 16:47	P1200031.D	1.67	7.84	
CCV 240-81867/32		04/15/2013 17:02	P1200032.D	1.67	7.84	
240-22648-61	068SB-0057M-0001-SO	04/15/2013 17:16	P1200033.D	1.68	7.84	
240-22648-62	068SB-0059M-0001-SO	04/15/2013 17:31	P1200034.D	1.67	7.84	
240-22648-62 MS	068SB-0059M-0001-SO MS	04/15/2013 17:45	P1200035.D	1.67	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.: 240-22648-1

SDG No.:

Sample No.: CCV 240-81867/3 Date Analyzed: 04/15/2013 06:45

Instrument ID: A2HP12 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): P1200003.D Heated Purge: (Y/N) N

Calibration ID: 14303

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.67	7.84	
UPPER LIMIT				1.77	7.94	
LOWER LIMIT				1.57	7.74	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
240-22648-62 MSD	068SB-0059M-0001-SO MSD	04/15/2013 18:00	P1200036.D	1.67	7.84	
CCV 240-81867/37		04/15/2013 18:15	P1200037.D	1.67	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.: 240-22648-1

SDG No.:

Sample No.: CCV 240-82562/3 Date Analyzed: 04/18/2013 16:46

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 240-82562/3 CCVRT		04/18/2013 16:46	P4000003.D	1.28	6.62	
240-22648-13 RE	073SD-0050-0001-SO RE	04/18/2013 17:18	P4000005.D	1.28	6.62	
240-22648-36 RE	079SB-0069M-0001-SO RE	04/18/2013 17:49	P4000007.D	1.28	6.62	
240-22648-36 MS	079SB-0069M-0001-SO MS	04/18/2013 18:04	P4000008.D	1.28	6.62	
240-22648-36 MSD	079SB-0069M-0001-SO MSD	04/18/2013 18:20	P4000009.D	1.28	6.62	
MB 240-82117/17-A		04/18/2013 18:36	P4000010.D	1.28	6.62	
LCS 240-82117/18-A		04/18/2013 18:51	P4000011.D	1.28	6.62	
CCV 240-82562/12		04/18/2013 19:07	P4000012.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.: 240-22648-1

SDG No.:

Sample No.: CCV 240-82562/3 Date Analyzed: 04/18/2013 16:46

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 240-82562/3 CCVRT		04/18/2013 16:46	P4000003.D	1.68	7.84	
240-22648-13 RE	073SD-0050-0001-SO RE	04/18/2013 17:18	P4000005.D	1.68	7.84	
240-22648-36 RE	079SB-0069M-0001-SO RE	04/18/2013 17:49	P4000007.D	1.69	7.84	
240-22648-36 MS	079SB-0069M-0001-SO MS	04/18/2013 18:04	P4000008.D	1.69	7.85	
240-22648-36 MSD	079SB-0069M-0001-SO MSD	04/18/2013 18:20	P4000009.D	1.68	7.84	
MB 240-82117/17-A		04/18/2013 18:36	P4000010.D	1.69	7.85	
LCS 240-82117/18-A		04/18/2013 18:51	P4000011.D	1.68	7.85	
CCV 240-82562/12		04/18/2013 19:07	P4000012.D	1.68	7.85	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.1 minutes of surrogate RT
DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082/DOD

FORM X
IDENTIFICATION SUMMARY

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

SDG No.:

Client Sample ID: 079SB-0069M-0001-SO MS Lab Sample ID: 240-22648-36 MS

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

Date Analyzed (1): 04/18/2013 18:04 Date Analyzed (2): 04/18/2013 18:04

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	196	214	5.6
		2	2.54	2.44	2.64	205		
		3	2.99	2.89	3.09	236		
		4	3.13	3.03	3.23	206		
		5	3.24	3.14	3.34	224		
	2	1	1.55	1.45	1.65	198	226	
		2	1.83	1.73	1.93	220		
		3	2.22	2.12	2.32	251		
		4	2.34	2.24	2.44	244		
		5	2.72	2.62	2.82	215		
Aroclor-1260	1	1	4.95	4.84	5.04	219	231	4.6
		2	5.18	5.07	5.27	221		
		3	5.54	5.44	5.64	232		
		4	6.23	6.13	6.33	237		
		5	6.61	6.51	6.71	247		
	2	1	3.92	3.82	4.02	220	242	
		2	4.20	4.10	4.30	233		
		3	4.48	4.38	4.58	244		
		4	5.18	5.08	5.28	239		
		5	5.47	5.37	5.57	274		

FORM X
IDENTIFICATION SUMMARY

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

SDG No.:

Client Sample ID: 079SB-0069M-0001-SO MSD Lab Sample ID: 240-22648-36 MSD

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

Date Analyzed (1): 04/18/2013 18:20 Date Analyzed (2): 04/18/2013 18:20

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	200	211	6.4
		2	2.54	2.44	2.64	205		
		3	2.99	2.89	3.09	233		
		4	3.13	3.03	3.23	201		
		5	3.24	3.14	3.34	213		
	2	1	1.55	1.45	1.65	198	224	
		2	1.83	1.73	1.93	223		
		3	2.22	2.12	2.32	248		
		4	2.34	2.24	2.44	244		
		5	2.72	2.62	2.82	209		
Aroclor-1260	1	1	4.95	4.84	5.04	218	230	3.0
		2	5.18	5.07	5.27	223		
		3	5.54	5.44	5.64	232		
		4	6.23	6.13	6.33	231		
		5	6.61	6.51	6.71	245		
	2	1	3.92	3.82	4.02	218	237	
		2	4.20	4.10	4.30	230		
		3	4.48	4.38	4.58	242		
		4	5.18	5.08	5.28	227		
		5	5.47	5.37	5.57	268		

FORM X
IDENTIFICATION SUMMARY

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

SDG No.:

Client Sample ID: 068SB-0046M-0001-SO MS Lab Sample ID: 240-22648-43 MS

Instrument ID (1): A2HP12 Instrument ID (2): A2HP12

Date Analyzed (1): 04/11/2013 13:56 Date Analyzed (2): 04/11/2013 13:56

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

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor-1016	1	1	2.14	2.09	2.19	248	257	0.0
		2	2.54	2.49	2.59	270		
		3	3.00	2.94	3.04	287		
		4	3.14	3.08	3.18	241		
		5	3.62	3.57	3.67	239		
	2	1	1.58	1.53	1.63	290	277	
		2	1.87	1.82	1.92	269		
		3	2.27	2.22	2.32	296		
		4	2.40	2.34	2.44	275		
		5	2.78	2.73	2.83	255		
Aroclor-1260	1	1	4.95	4.90	5.00	248	248	0.0
		2	5.18	5.13	5.23	246		
		3	5.55	5.50	5.60	253		
		4	6.23	6.18	6.28	260		
		5	6.61	6.56	6.66	234		
	2	1	3.99	3.93	4.03	243	248	
		2	4.27	4.22	4.32	248		
		3	4.55	4.50	4.60	254		
		4	5.25	5.20	5.30	254		
		5	5.53	5.48	5.58	241		

FORM X
IDENTIFICATION SUMMARY

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

SDG No.:

Client Sample ID: 068SB-0046M-0001-SO MSD Lab Sample ID: 240-22648-43 MSD

Instrument ID (1): A2HP12 Instrument ID (2): A2HP12

Date Analyzed (1): 04/11/2013 14:11 Date Analyzed (2): 04/11/2013 14:11

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

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor-1016	1	1	2.14	2.09	2.19	281	294	0.0
		2	2.54	2.49	2.59	308		
		3	3.00	2.94	3.04	329		
		4	3.13	3.08	3.18	278		
		5	3.62	3.57	3.67	274		
	2	1	1.58	1.53	1.63	396	330	
		2	1.87	1.82	1.92	306		
		3	2.27	2.22	2.32	337		
		4	2.39	2.34	2.44	318		
		5	2.78	2.73	2.83	295		
Aroclor-1260	1	1	4.95	4.90	5.00	292	297	0.0
		2	5.18	5.13	5.23	291		
		3	5.55	5.50	5.60	300		
		4	6.23	6.18	6.28	316		
		5	6.61	6.56	6.66	285		
	2	1	3.99	3.93	4.03	286	296	
		2	4.27	4.22	4.32	292		
		3	4.55	4.50	4.60	300		
		4	5.25	5.20	5.30	306		
		5	5.53	5.48	5.58	295		

FORM X
IDENTIFICATION SUMMARY

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

SDG No.:

Client Sample ID: 068SB-0059M-0001-SO MS Lab Sample ID: 240-22648-62 MS

Instrument ID (1): A2HP12 Instrument ID (2): A2HP12

Date Analyzed (1): 04/15/2013 17:45 Date Analyzed (2): 04/15/2013 17:45

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

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor-1016	1	1	2.14	2.09	2.19	252	264	8.2
		2	2.54	2.49	2.59	276		
		3	3.00	2.95	3.05	299		
		4	3.14	3.08	3.18	255		
		5	3.62	3.57	3.67	238		
	2	1	1.58	1.53	1.63	269	286	
		2	1.87	1.82	1.92	286		
		3	2.27	2.22	2.32	309		
		4	2.39	2.34	2.44	293		
		5	2.78	2.73	2.83	275		
Aroclor-1260	1	1	4.95	4.90	5.00	264	269	2.9
		2	5.18	5.13	5.23	267		
		3	5.55	5.50	5.60	270		
		4	6.23	6.18	6.28	279		
		5	6.61	6.56	6.66	263		
	2	1	3.99	3.94	4.04	265	276	
		2	4.27	4.22	4.32	275		
		3	4.55	4.50	4.60	282		
		4	5.25	5.20	5.30	285		
		5	5.53	5.48	5.58	275		

FORM X
IDENTIFICATION SUMMARY

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

SDG No.:

Client Sample ID: 068SB-0059M-0001-SO MSD Lab Sample ID: 240-22648-62 MSD

Instrument ID (1): A2HP12 Instrument ID (2): A2HP12

Date Analyzed (1): 04/15/2013 18:00 Date Analyzed (2): 04/15/2013 18:00

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

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor-1016	1	1	2.14	2.09	2.19	250	271	6.1
		2	2.54	2.49	2.59	279		
		3	3.00	2.95	3.05	305		
		4	3.13	3.08	3.18	277		
		5	3.62	3.57	3.67	242		
	2	1	1.58	1.53	1.63	266	288	
		2	1.87	1.82	1.92	282		
		3	2.27	2.22	2.32	312		
		4	2.39	2.34	2.44	299		
		5	2.78	2.73	2.83	279		
Aroclor-1260	1	1	4.95	4.90	5.00	266	273	1.5
		2	5.18	5.13	5.23	273		
		3	5.55	5.50	5.60	275		
		4	6.23	6.18	6.28	285		
		5	6.61	6.56	6.66	265		
	2	1	3.99	3.94	4.04	268	277	
		2	4.27	4.22	4.32	276		
		3	4.55	4.50	4.60	282		
		4	5.25	5.20	5.30	285		
		5	5.53	5.48	5.58	274		

FORM X
IDENTIFICATION SUMMARY

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

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-80548/4-A

Instrument ID (1): A2HP12 Instrument ID (2): A2HP12

Date Analyzed (1): 04/08/2013 15:23 Date Analyzed (2): 04/08/2013 15:23

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

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor-1016	1	1	2.14	2.09	2.19	3.94	4.11	1.4
		2	2.54	2.49	2.59	4.21		
		3	2.99	2.94	3.04	4.59		
		4	3.13	3.08	3.18	4.05		
		5	3.62	3.57	3.67	3.75		
	2	1	1.58	1.53	1.63	3.83	4.05	
		2	1.87	1.82	1.92	4.06		
		3	2.27	2.22	2.32	4.25		
		4	2.39	2.34	2.44	4.23		
		5	2.78	2.72	2.82	3.90		
Aroclor-1260	1	1	4.95	4.90	5.00	4.08	4.09	1.8
		2	5.18	5.13	5.23	4.01		
		3	5.55	5.50	5.60	4.16		
		4	6.23	6.18	6.28	4.16		
		5	6.61	6.56	6.66	4.07		
	2	1	3.98	3.93	4.03	3.92	4.02	
		2	4.27	4.22	4.32	3.96		
		3	4.55	4.50	4.60	4.07		
		4	5.25	5.20	5.30	4.12		
		5	5.53	5.48	5.58	4.03		

FORM X
IDENTIFICATION SUMMARY

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

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-80983/18-A

Instrument ID (1): A2HP12 Instrument ID (2): A2HP12

Date Analyzed (1): 04/11/2013 14:40 Date Analyzed (2): 04/11/2013 14:40

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

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor-1016	1	1	2.14	2.09	2.19	205	217	4.3
		2	2.54	2.49	2.59	223		
		3	2.99	2.94	3.04	242		
		4	3.13	3.08	3.18	214		
		5	3.62	3.57	3.67	203		
	2	1	1.58	1.53	1.63	211	227	
		2	1.87	1.82	1.92	225		
		3	2.27	2.22	2.32	236		
		4	2.39	2.34	2.44	242		
		5	2.77	2.73	2.83	219		
Aroclor-1260	1	1	4.95	4.90	5.00	210	212	3.0
		2	5.18	5.13	5.23	213		
		3	5.55	5.50	5.60	214		
		4	6.23	6.18	6.28	222		
		5	6.61	6.56	6.66	203		
	2	1	3.98	3.93	4.03	202	206	
		2	4.27	4.22	4.32	205		
		3	4.55	4.50	4.60	207		
		4	5.25	5.20	5.30	213		
		5	5.53	5.48	5.58	204		

FORM X
IDENTIFICATION SUMMARY

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

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-81544/24-A

Instrument ID (1): A2HP12 Instrument ID (2): A2HP12

Date Analyzed (1): 04/15/2013 16:47 Date Analyzed (2): 04/15/2013 16:47

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

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor-1016	1	1	2.14	2.09	2.19	247	282	6.9
		2	2.54	2.49	2.59	279		
		3	3.00	2.95	3.05	323		
		4	3.14	3.08	3.18	284		
		5	3.62	3.57	3.67	277		
	2	1	1.58	1.53	1.63	294	302	
		2	1.87	1.82	1.92	272		
		3	2.27	2.22	2.32	329		
		4	2.39	2.34	2.44	325		
		5	2.78	2.73	2.83	290		
Aroclor-1260	1	1	4.95	4.90	5.00	299	310	0.9
		2	5.18	5.13	5.23	303		
		3	5.55	5.50	5.60	312		
		4	6.23	6.18	6.28	328		
		5	6.61	6.56	6.66	307		
	2	1	3.99	3.94	4.04	290	307	
		2	4.27	4.22	4.32	302		
		3	4.55	4.50	4.60	312		
		4	5.25	5.20	5.30	319		
		5	5.53	5.48	5.58	311		

FORM X
IDENTIFICATION SUMMARY

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

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-82117/18-A

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

Date Analyzed (1): 04/18/2013 18:51 Date Analyzed (2): 04/18/2013 18:51

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	219	238	5.9
		2	2.54	2.44	2.64	237		
		3	3.00	2.89	3.09	257		
		4	3.13	3.03	3.23	236		
		5	3.24	3.14	3.34	240		
	2	1	1.55	1.45	1.65	237	253	
		2	1.83	1.73	1.93	258		
		3	2.22	2.12	2.32	277		
		4	2.34	2.24	2.44	272		
		5	2.72	2.62	2.82	219		
Aroclor-1260	1	1	4.95	4.84	5.04	243	259	4.9
		2	5.18	5.07	5.27	250		
		3	5.55	5.44	5.64	267		
		4	6.23	6.13	6.33	268		
		5	6.61	6.51	6.71	269		
	2	1	3.92	3.82	4.02	241	272	
		2	4.20	4.10	4.30	254		
		3	4.49	4.38	4.58	276		
		4	5.18	5.08	5.28	280		
		5	5.47	5.37	5.57	310		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 073SD-0050-0001-SO | Lab Sample ID: 240-22648-13

Matrix: Solid | Lab File ID: P1200017.D

Analysis Method: 8082/DOD | Date Collected: 03/28/2013 13:05

Extraction Method: 3540C | Date Extracted: 04/08/2013 11:10

Sample wt/vol: 30.32(g) | Date Analyzed: 04/11/2013 11:45

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

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

% Moisture: 34.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 81439 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	*Aroclor-1221*	*37*	*U*	*75*	37	*24*
12674-11-2	*Aroclor-1016*	*37*	*U*	*98*	37	*32*
11141-16-5	*Aroclor-1232*	*37*	*U*	*68*	37	*21*
53469-21-9	*Aroclor-1242*	*37*	*U*	*60*	37	*20*
12672-29-6	*Aroclor-1248*	*37*	*U*	*83*	37	*26*
11097-69-1	*Aroclor-1254*	*37*	*U*	*83*	37	*26*
11096-82-5	*Aroclor-1260*	*37*	*U*	*83*	37	*26*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	61		40-140
2051-24-3	DCB Decachlorobiphenyl	53	*Q*	60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200017.D		
Lims ID:	240-22648-G-13-B	Client ID:	073SD-0050-0001-SO
Inject. Date:	11-Apr-2013 11:45:25	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018757-017		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	17
Lims Batch ID:	81439	Lims Sample ID:	17
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130411-18757.b\PCB12.m		
Last Update:	12-Apr-2013 08:13:43	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK025		

First Level Reviewer: hassl Date: 12-Apr-2013 08:05:43

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	1.300	0.002	11908990	0.0121			
2	2	1.673	1.671	0.002	33033686	0.0124			
						RPD = 1.90			
3 PCB-1221									1
1	2		1.435						
1	3		1.560						
1	4		1.577						
2	4		1.950						
2	5		2.082						
2	6		2.139						
6 PCB-1016									
1	100		1.578						
1	2		1.867						
1	3		2.269						
1	4		2.391						
1	5		2.776						
2	6		2.138						
2	7		2.539						
2	8		2.993						
2	9		3.131						
2	10		3.618						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.578						
1	2		1.869						
1	3		2.269						
1	4		2.392						
1	5		2.777						
2	6		2.139						
2	7		2.539						
2	8		2.995						
2	9		3.133						
2	10		3.620						
4 PCB-1232									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.778						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.134						
2	10		3.745						
7 PCB-1248									
1	86		1.867						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.796						
2	6		2.537						
2	7		2.993						
2	8		3.618						
2	9		4.062						
2	10		4.742						
8 PCB-1254									
1	100		3.407						
1	2		3.794						
1	3		4.077						
1	4		4.271						
1	5		4.552						
2	6		4.269						
2	7		4.742						
2	8		4.989						
2	9		5.347						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.984						
1	2		4.271						
1	3		4.551						
1	4		5.251						
1	5		5.532						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.232						
2	10		6.612						
$ 12 DCB Decachlorobiphenyl									
1	100	6.685	6.685	0.000	10754390	0.0105			
2	2	7.842	7.841	0.001	26549684	0.008974			
						RPD = 16.08			

QC Flag Legend

Processing Flags
1 - Missing Peaks

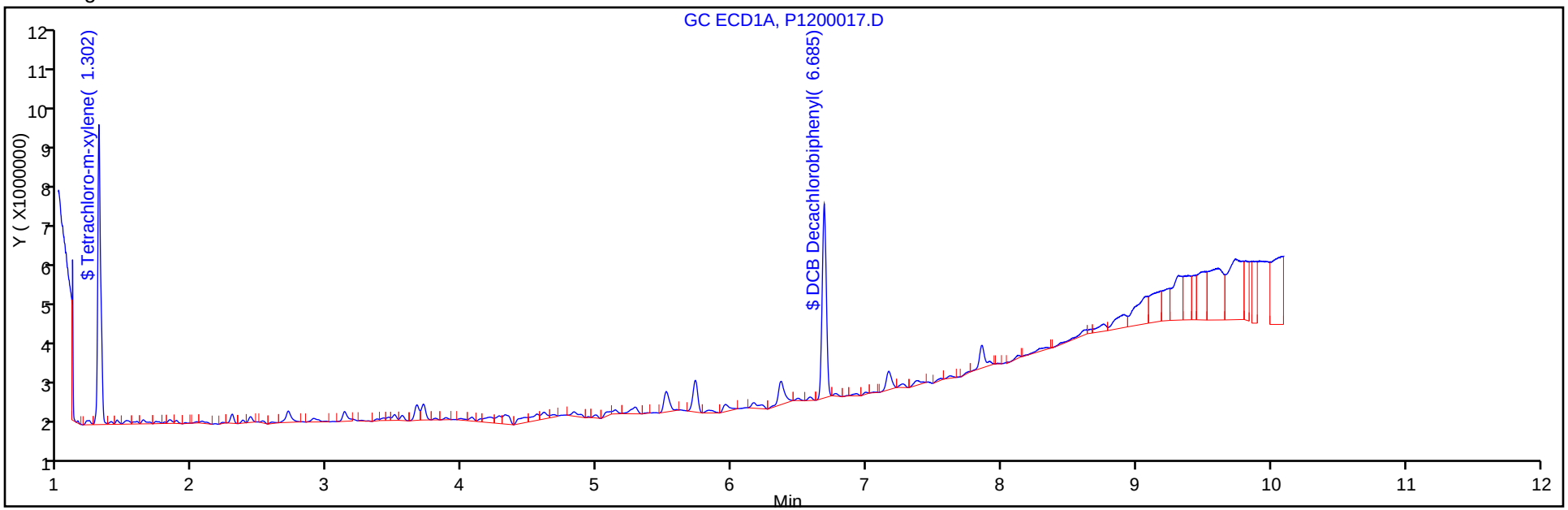
Report Date: 12-Apr-2013 08:13:49 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

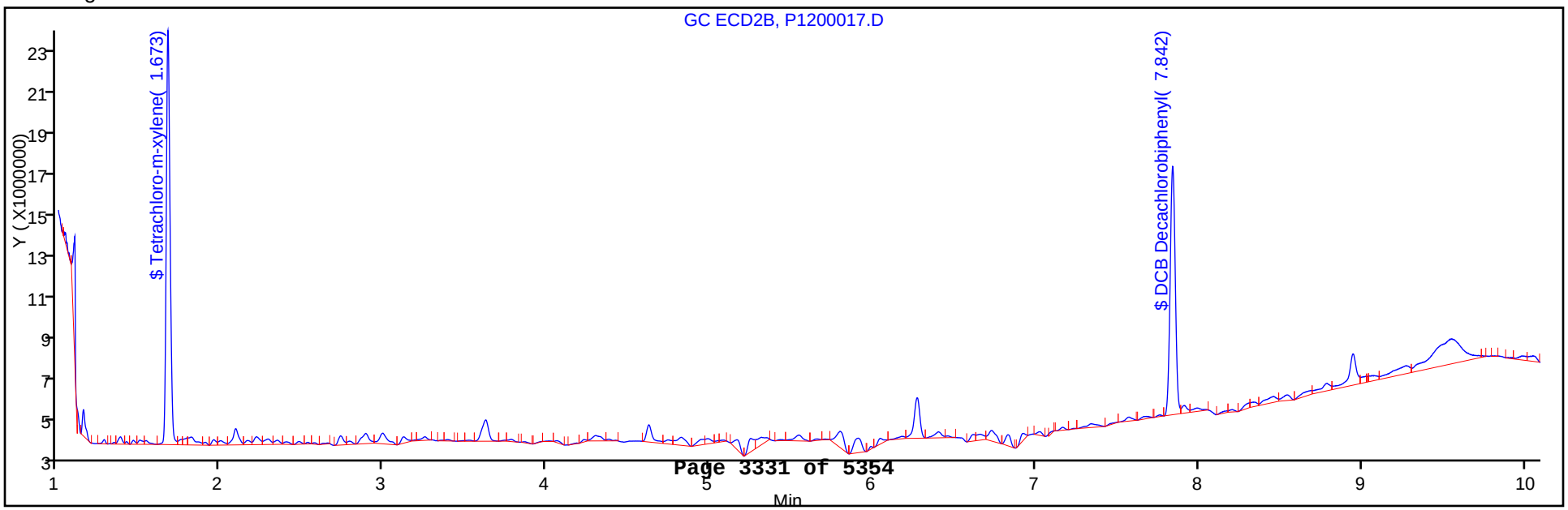
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Injection Date:	11-Apr-2013 11:45:25	Limit Group:	GC 8082A ICAL
Client ID:	073SD-0050-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81439	Lims Sample ID:	17
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 073SD-0050-0001-SO Lab Sample ID: 240-22648-13

Matrix: Solid Lab File ID: P1200017.D

Analysis Method: 8082/DOD Date Collected: 03/28/2013 13:05

Extraction Method: 3540C Date Extracted: 04/08/2013 11:10

Sample wt/vol: 30.32(g) Date Analyzed: 04/11/2013 11:45

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

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

% Moisture: 34.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 81439 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	62		40-140
2051-24-3	DCB Decachlorobiphenyl	45	Q	60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200017.D		
Lims ID:	240-22648-G-13-B	Client ID:	073SD-0050-0001-SO
Inject. Date:	11-Apr-2013 11:45:25	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018757-017		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	17
Lims Batch ID:	81439	Lims Sample ID:	17
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130411-18757.b\PCB12.m		
Last Update:	12-Apr-2013 08:13:43	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK025		

First Level Reviewer: hassl Date: 12-Apr-2013 08:05:43

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	1.300	0.002	11908990	0.0121			
2	2	1.673	1.671	0.002	33033686	0.0124			
						RPD = 1.90			
3 PCB-1221									1
1	2		1.435						
1	3		1.560						
1	4		1.577						
2	4		1.950						
2	5		2.082						
2	6		2.139						
6 PCB-1016									
1	100		1.578						
1	2		1.867						
1	3		2.269						
1	4		2.391						
1	5		2.776						
2	6		2.138						
2	7		2.539						
2	8		2.993						
2	9		3.131						
2	10		3.618						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.578						
1	2		1.869						
1	3		2.269						
1	4		2.392						
1	5		2.777						
2	6		2.139						
2	7		2.539						
2	8		2.995						
2	9		3.133						
2	10		3.620						
4 PCB-1232									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.778						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.134						
2	10		3.745						
7 PCB-1248									
1	86		1.867						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.796						
2	6		2.537						
2	7		2.993						
2	8		3.618						
2	9		4.062						
2	10		4.742						
8 PCB-1254									
1	100		3.407						
1	2		3.794						
1	3		4.077						
1	4		4.271						
1	5		4.552						
2	6		4.269						
2	7		4.742						
2	8		4.989						
2	9		5.347						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.984						
1	2		4.271						
1	3		4.551						
1	4		5.251						
1	5		5.532						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.232						
2	10		6.612						
$ 12 DCB Decachlorobiphenyl									
1	100	6.685	6.685	0.000	10754390	0.0105			
2	2	7.842	7.841	0.001	26549684	0.008974			
						RPD = 16.08			

QC Flag Legend

Processing Flags
1 - Missing Peaks

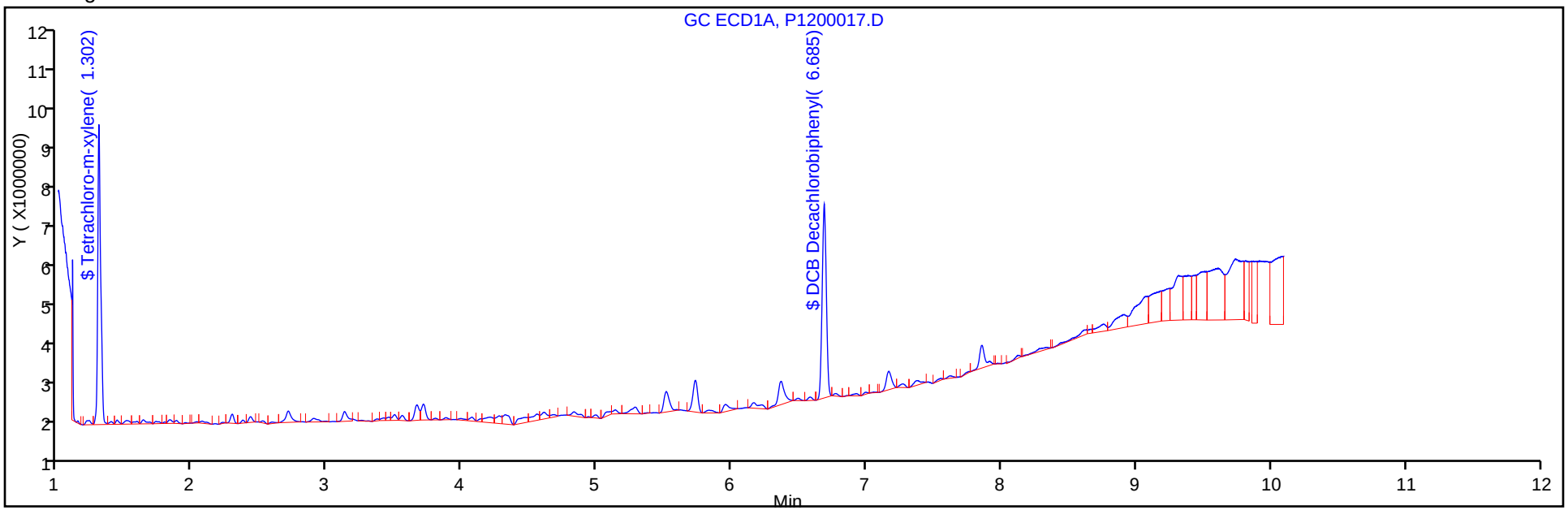
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TestAmerica Canton

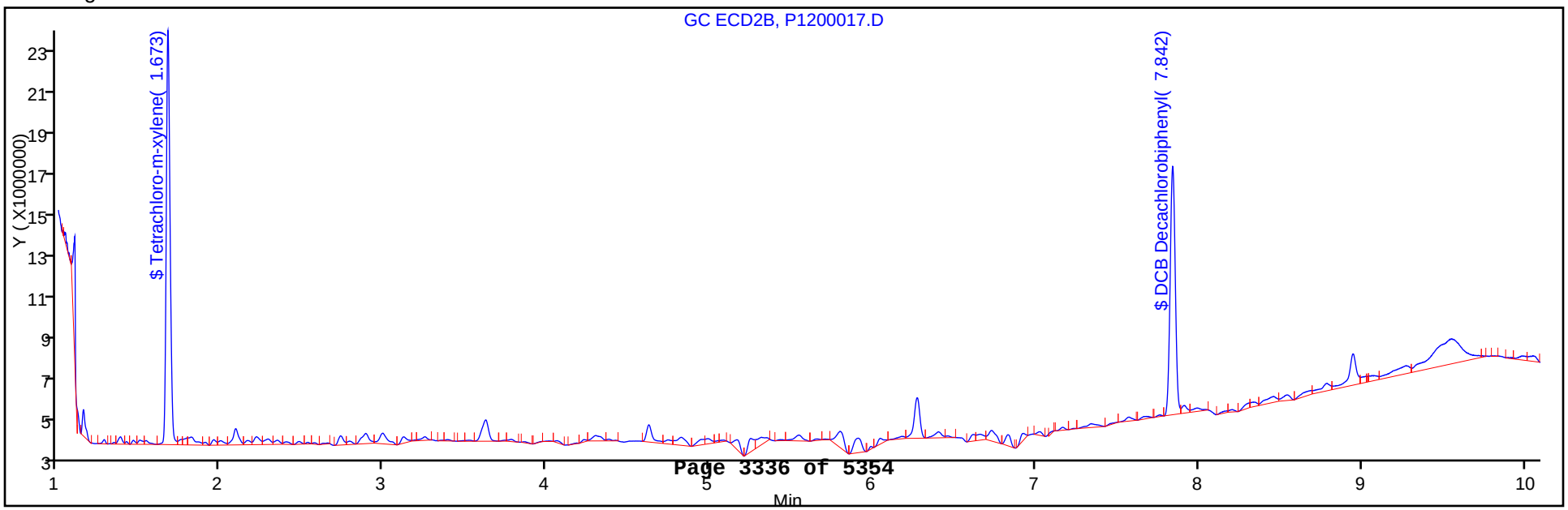
Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200017.D

Injection Date:	11-Apr-2013 11:45:25	Limit Group:	GC 8082A ICAL
Client ID:	073SD-0050-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81439	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:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 073SD-0050-0001-SO RE Lab Sample ID: 240-22648-13 RE

Matrix: Solid Lab File ID: P4000005.D

Analysis Method: 8082/DOD Date Collected: 03/28/2013 13:05

Extraction Method: 3540C Date Extracted: 04/16/2013 10:59

Sample wt/vol: 30.37(g) Date Analyzed: 04/18/2013 17:18

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

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

% Moisture: 34.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 82562 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	60		40-140
2051-24-3	DCB Decachlorobiphenyl	63		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000005.D		
Lims ID:	240-22648-G-13-E	Client ID:	073SD-0050-0001-SO
Inject. Date:	18-Apr-2013 17:18:03	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0019023-005		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	5
Lims Batch ID:	82562	Lims Sample ID:	5
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130418-19023.b\PCB4.m		
Last Update:	19-Apr-2013 14:30:32	Calib Date:	15-Apr-2013 10:24:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK027		

First Level Reviewer: hassl Date: 19-Apr-2013 14:27:23

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	18990545	0.0120			
2	2	1.683	1.684	-0.001	20383599	0.0129			
						RPD = 7.44			
3 PCB-1221									
1	2		1.405						
1	3		1.515						
1	4		1.544						
2	4		1.957						
2	5		2.089						
2	6		2.145						
4 PCB-1232									
1	100		1.543						
1	2		1.826						
1	3		2.217						
1	4		2.337						
1	5		2.716						
2	6		2.143						
2	7		2.538						
2	8		2.990						
2	9		3.129						
2	10		3.738						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.544						
1	2		1.826						
1	3		2.218						
1	4		2.338						
1	5		2.717						
2	6		2.143						
2	7		2.539						
2	8		2.991						
2	9		3.129						
2	10		3.738						
6 PCB-1016									
1	100		1.547						
1	2		1.828						
1	3		2.221						
1	4		2.341						
1	5		2.718						
2	6		2.146						
2	7		2.542						
2	8		2.993						
2	9		3.132						
2	10		3.235						
7 PCB-1248									
1	86		1.825						
1	2		2.216						
1	3		2.716						
1	4		3.293						
1	5		3.726						
2	6		2.538						
2	7		2.990						
2	8		3.739						
2	9		4.013						
2	10		4.735						
8 PCB-1254									
1	100		3.340						
1	2		3.727						
1	3		4.010						
1	4		4.199						
1	5		4.483						
2	6		4.260						
2	7		4.735						
2	8		4.980						
2	9		5.341						
2	10		5.543						

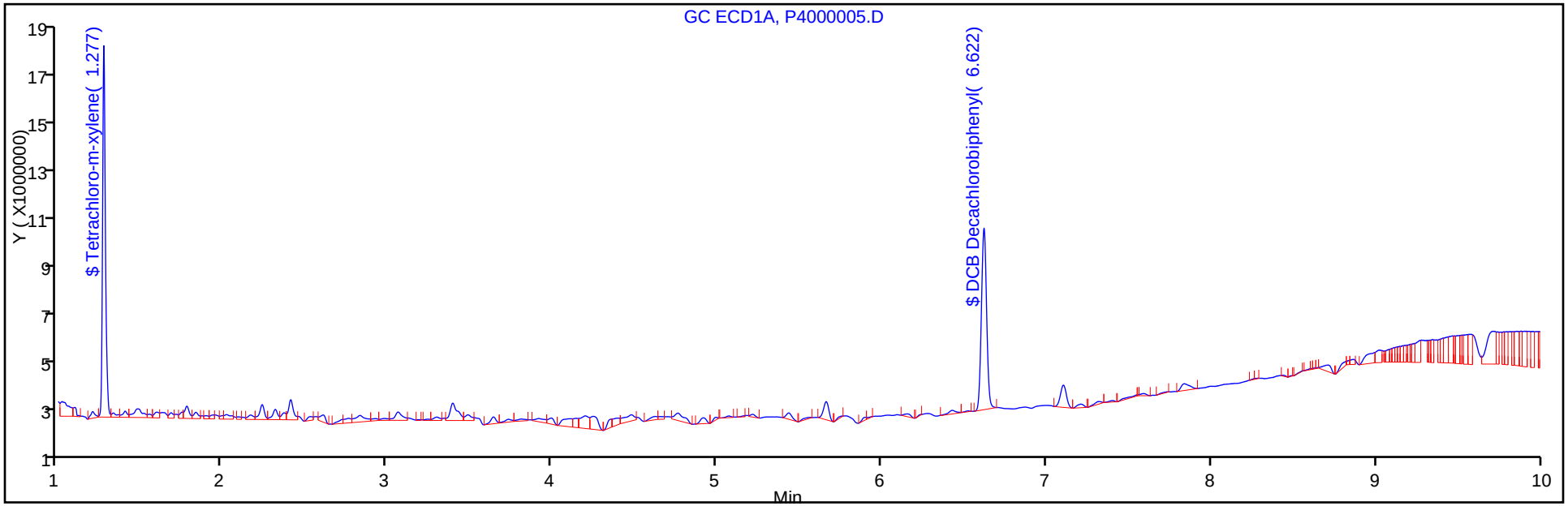
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.916						
1	2		4.203						
1	3		4.484						
1	4		5.183						
1	5		5.468						
2	6		4.943						
2	7		5.174						
2	8		5.543						
2	9		6.227						
2	10		6.608						
$ 12 DCB Decachlorobiphenyl									
1	100	6.622	6.621	0.001	16855467	0.0126			
2	2	7.843	7.843	0.000	19274238	0.0132			
						RPD = 4.71			

Report Date: 19-Apr-2013 14:30:35 Chrom Revision: 2.0 01-Apr-2013 21:16:10

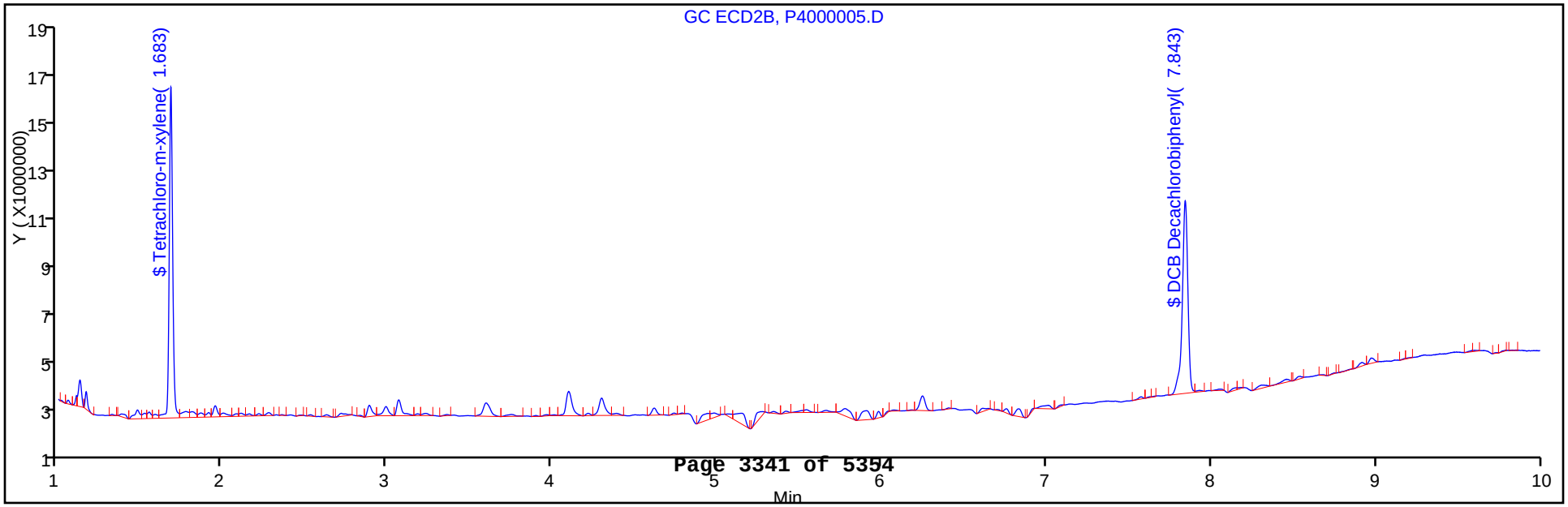
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000005.D		
Injection Date:	18-Apr-2013 17:18:03	Limit Group:	GC 8082A ICAL
Client ID:	073SD-0050-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82562	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.: 240-22648-1

SDG No.:

Client Sample ID: 073SD-0050-0001-SO RE Lab Sample ID: 240-22648-13 RE

Matrix: Solid Lab File ID: P4000005.D

Analysis Method: 8082/DOD Date Collected: 03/28/2013 13:05

Extraction Method: 3540C Date Extracted: 04/16/2013 10:59

Sample wt/vol: 30.37(g) Date Analyzed: 04/18/2013 17:18

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

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

% Moisture: 34.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 82562 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	37	U H	75	37	24
12674-11-2	Aroclor-1016	37	U H	97	37	31
11141-16-5	Aroclor-1232	37	U H	67	37	21
53469-21-9	Aroclor-1242	37	U H	60	37	19
12672-29-6	Aroclor-1248	37	U H	82	37	25
11097-69-1	Aroclor-1254	37	U H	82	37	25
11096-82-5	Aroclor-1260	37	U H	82	37	25

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	65		40-140
2051-24-3	DCB Decachlorobiphenyl	66		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000005.D		
Lims ID:	240-22648-G-13-E	Client ID:	073SD-0050-0001-SO
Inject. Date:	18-Apr-2013 17:18:03	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0019023-005		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	5
Lims Batch ID:	82562	Lims Sample ID:	5
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130418-19023.b\PCB4.m		
Last Update:	19-Apr-2013 14:30:32	Calib Date:	15-Apr-2013 10:24:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK027		

First Level Reviewer: hassl Date: 19-Apr-2013 14:27:23

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	18990545	0.0120			
2	2	1.683	1.684	-0.001	20383599	0.0129			
						RPD = 7.44			
3 PCB-1221									
1	2		1.405						
1	3		1.515						
1	4		1.544						
2	4		1.957						
2	5		2.089						
2	6		2.145						
4 PCB-1232									
1	100		1.543						
1	2		1.826						
1	3		2.217						
1	4		2.337						
1	5		2.716						
2	6		2.143						
2	7		2.538						
2	8		2.990						
2	9		3.129						
2	10		3.738						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.544						
1	2		1.826						
1	3		2.218						
1	4		2.338						
1	5		2.717						
2	6		2.143						
2	7		2.539						
2	8		2.991						
2	9		3.129						
2	10		3.738						
6 PCB-1016									
1	100		1.547						
1	2		1.828						
1	3		2.221						
1	4		2.341						
1	5		2.718						
2	6		2.146						
2	7		2.542						
2	8		2.993						
2	9		3.132						
2	10		3.235						
7 PCB-1248									
1	86		1.825						
1	2		2.216						
1	3		2.716						
1	4		3.293						
1	5		3.726						
2	6		2.538						
2	7		2.990						
2	8		3.739						
2	9		4.013						
2	10		4.735						
8 PCB-1254									
1	100		3.340						
1	2		3.727						
1	3		4.010						
1	4		4.199						
1	5		4.483						
2	6		4.260						
2	7		4.735						
2	8		4.980						
2	9		5.341						
2	10		5.543						

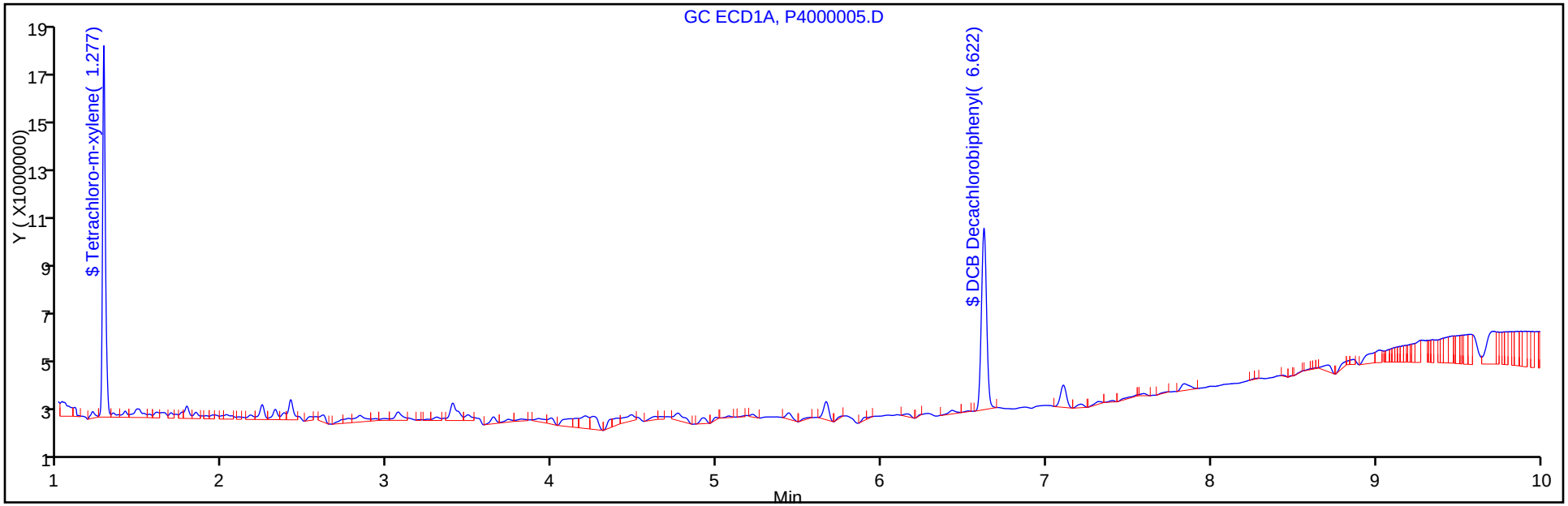
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.916						
1	2		4.203						
1	3		4.484						
1	4		5.183						
1	5		5.468						
2	6		4.943						
2	7		5.174						
2	8		5.543						
2	9		6.227						
2	10		6.608						
$ 12 DCB Decachlorobiphenyl									
1	100	6.622	6.621	0.001	16855467	0.0126			
2	2	7.843	7.843	0.000	19274238	0.0132			
						RPD = 4.71			

Report Date: 19-Apr-2013 14:30:35 Chrom Revision: 2.0 01-Apr-2013 21:16:10

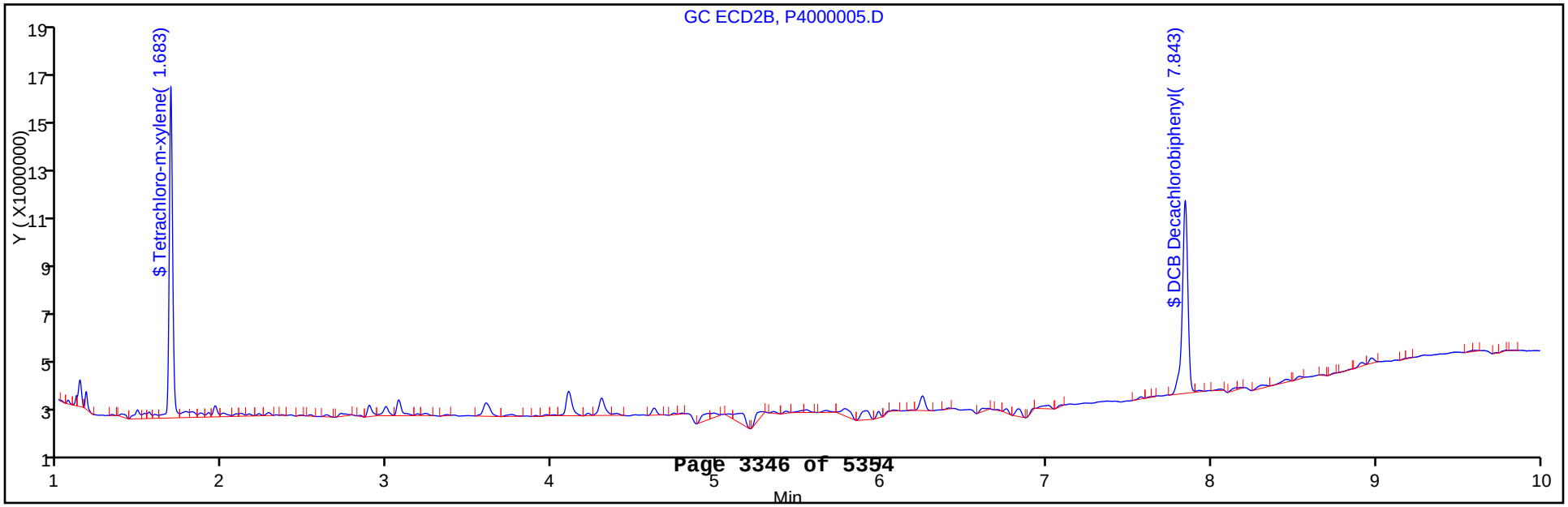
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000005.D		
Injection Date:	18-Apr-2013 17:18:03	Limit Group:	GC 8082A ICAL
Client ID:	073SD-0050-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82562	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.: 240-22648-1

SDG No.:

Client Sample ID: 073SW-0061-0001-SW | Lab Sample ID: 240-22648-18

Matrix: Water | Lab File ID: P1200005.D

Analysis Method: 8082/DOD | Date Collected: 03/28/2013 13:00

Extraction Method: 3520C | Date Extracted: 04/04/2013 09:38

Sample wt/vol: 960(mL) | Date Analyzed: 04/08/2013 14:40

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

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

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

Analysis Batch No.: 80924 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	0.21	U	0.52	0.21	0.14
12674-11-2	Aroclor-1016	0.21	U	0.52	0.21	0.18
11141-16-5	Aroclor-1232	0.21	U	0.52	0.21	0.17
53469-21-9	Aroclor-1242	0.42	U	0.52	0.42	0.23
12672-29-6	Aroclor-1248	0.21	U	0.52	0.21	0.10
11097-69-1	Aroclor-1254	0.21	U	0.52	0.21	0.17
11096-82-5	Aroclor-1260	0.21	U	0.52	0.21	0.18

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	73		40-140
2051-24-3	DCB Decachlorobiphenyl	53		40-135

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130408-18636.b\P1200005.D		
Lims ID:	240-22648-L-18-A	Client ID:	073SW-0061-0001-SW
Inject. Date:	08-Apr-2013 14:40:38	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018636-005		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	5
Lims Batch ID:	80924	Lims Sample ID:	5
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130408-18636.b\PCB12.m		
Last Update:	09-Apr-2013 14:40:01	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK030		

First Level Reviewer: hassl Date: 09-Apr-2013 14:39:26

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.297	0.003	28518063	0.0291			
2	2	1.673	1.670	0.003	81259616	0.0304			
						RPD = 4.59			
3 PCB-1221									1
1	2		1.435						
1	3		1.545						
1	4		1.577						
2	4		1.951						
2	5		2.084						
2	6		2.140						
6 PCB-1016									
1	100		1.575						
1	2		1.865						
1	3		2.266						
1	4		2.387						
1	5		2.772						
2	6		2.136						
2	7		2.537						
2	8		2.991						
2	9		3.131						
2	10		3.617						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.577						
1	2		1.868						
1	3		2.267						
1	4		2.391						
1	5		2.775						
2	6		2.139						
2	7		2.539						
2	8		2.994						
2	9		3.132						
2	10		3.618						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.271						
1	4		2.393						
1	5		2.778						
2	6		2.141						
2	7		2.541						
2	8		2.996						
2	9		3.134						
2	10		3.747						
7 PCB-1248									
1	86		1.869						
1	2		2.269						
1	3		2.778						
1	4		3.360						
1	5		3.796						
2	6		2.539						
2	7		2.994						
2	8		3.620						
2	9		4.064						
2	10		4.745						
8 PCB-1254									
1	100		3.407						
1	2		3.795						
1	3		4.078						
1	4		4.270						
1	5		4.551						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.550						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.981						
1	2		4.269						
1	3		4.549						
1	4		5.248						
1	5		5.531						
2	6		4.949						
2	7		5.180						
2	8		5.546						
2	9		6.231						
2	10		6.611						
$ 12 DCB Decachlorobiphenyl									
1	100	6.683	6.682	0.001	21606707	0.0212			
2	2	7.840	7.840	0.000	59737296	0.0202			
						RPD = 4.79			

QC Flag Legend

Processing Flags
1 - Missing Peaks

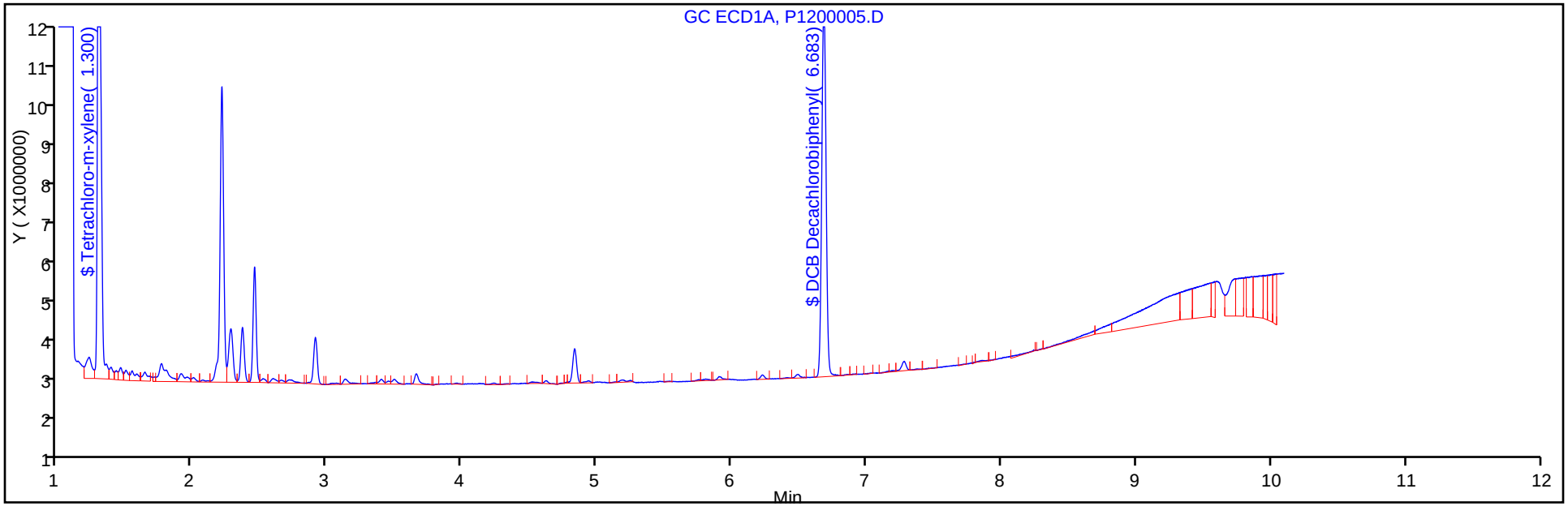
Report Date: 09-Apr-2013 14:40:05 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

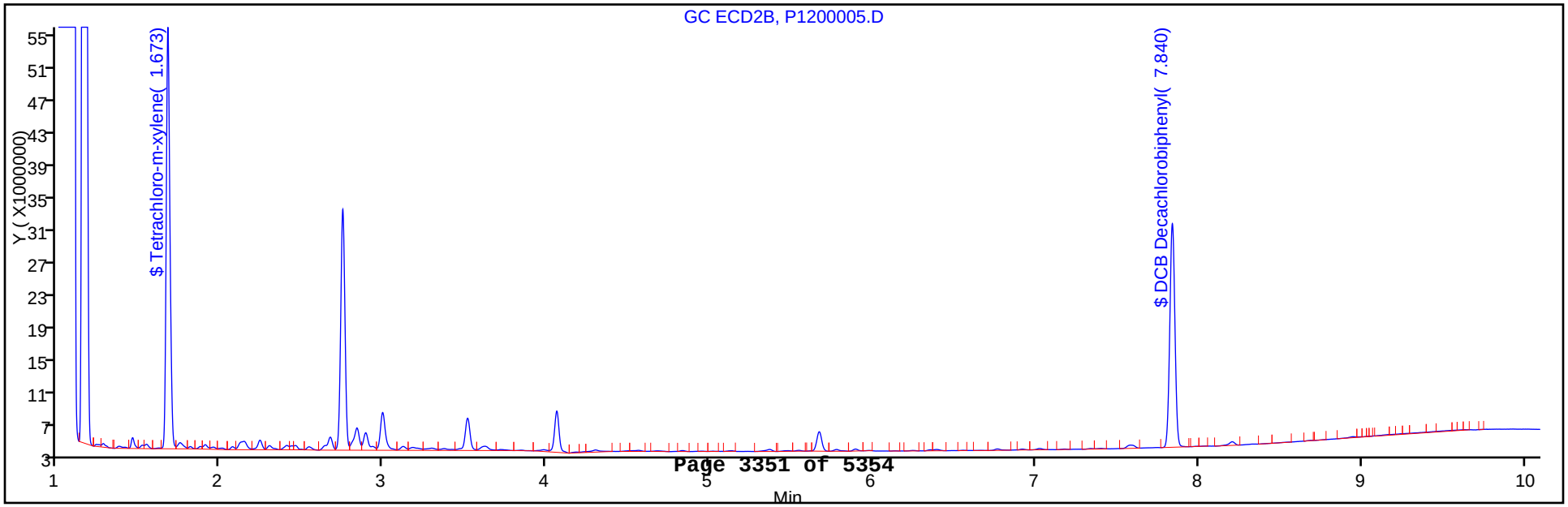
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Injection Date:	08-Apr-2013 14:40:38	Limit Group:	GC 8082A ICAL
Client ID:	073SW-0061-0001-SW	Instrument ID:	A2HP12
Lims Batch ID:	80924	Lims Sample ID:	5
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 073SW-0061-0001-SW Lab Sample ID: 240-22648-18

Matrix: Water Lab File ID: P1200005.D

Analysis Method: 8082/DOD Date Collected: 03/28/2013 13:00

Extraction Method: 3520C Date Extracted: 04/04/2013 09:38

Sample wt/vol: 960(mL) Date Analyzed: 04/08/2013 14:40

Con. Extract Vol.: 5(mL) Dilution Factor: 1

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

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

Analysis Batch No.: 80924 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	76		40-140
2051-24-3	DCB Decachlorobiphenyl	50		40-135

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130408-18636.b\P1200005.D		
Lims ID:	240-22648-L-18-A	Client ID:	073SW-0061-0001-SW
Inject. Date:	08-Apr-2013 14:40:38	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018636-005		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	5
Lims Batch ID:	80924	Lims Sample ID:	5
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130408-18636.b\PCB12.m		
Last Update:	09-Apr-2013 14:40:01	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK030		

First Level Reviewer: hassl Date: 09-Apr-2013 14:39:26

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.297	0.003	28518063	0.0291			
2	2	1.673	1.670	0.003	81259616	0.0304			
						RPD = 4.59			
3 PCB-1221									1
1	2		1.435						
1	3		1.545						
1	4		1.577						
2	4		1.951						
2	5		2.084						
2	6		2.140						
6 PCB-1016									
1	100		1.575						
1	2		1.865						
1	3		2.266						
1	4		2.387						
1	5		2.772						
2	6		2.136						
2	7		2.537						
2	8		2.991						
2	9		3.131						
2	10		3.617						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.577						
1	2		1.868						
1	3		2.267						
1	4		2.391						
1	5		2.775						
2	6		2.139						
2	7		2.539						
2	8		2.994						
2	9		3.132						
2	10		3.618						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.271						
1	4		2.393						
1	5		2.778						
2	6		2.141						
2	7		2.541						
2	8		2.996						
2	9		3.134						
2	10		3.747						
7 PCB-1248									
1	86		1.869						
1	2		2.269						
1	3		2.778						
1	4		3.360						
1	5		3.796						
2	6		2.539						
2	7		2.994						
2	8		3.620						
2	9		4.064						
2	10		4.745						
8 PCB-1254									
1	100		3.407						
1	2		3.795						
1	3		4.078						
1	4		4.270						
1	5		4.551						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.550						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.981						
1	2		4.269						
1	3		4.549						
1	4		5.248						
1	5		5.531						
2	6		4.949						
2	7		5.180						
2	8		5.546						
2	9		6.231						
2	10		6.611						
$ 12 DCB Decachlorobiphenyl									
1	100	6.683	6.682	0.001	21606707	0.0212			
2	2	7.840	7.840	0.000	59737296	0.0202			
						RPD = 4.79			

QC Flag Legend

Processing Flags
1 - Missing Peaks

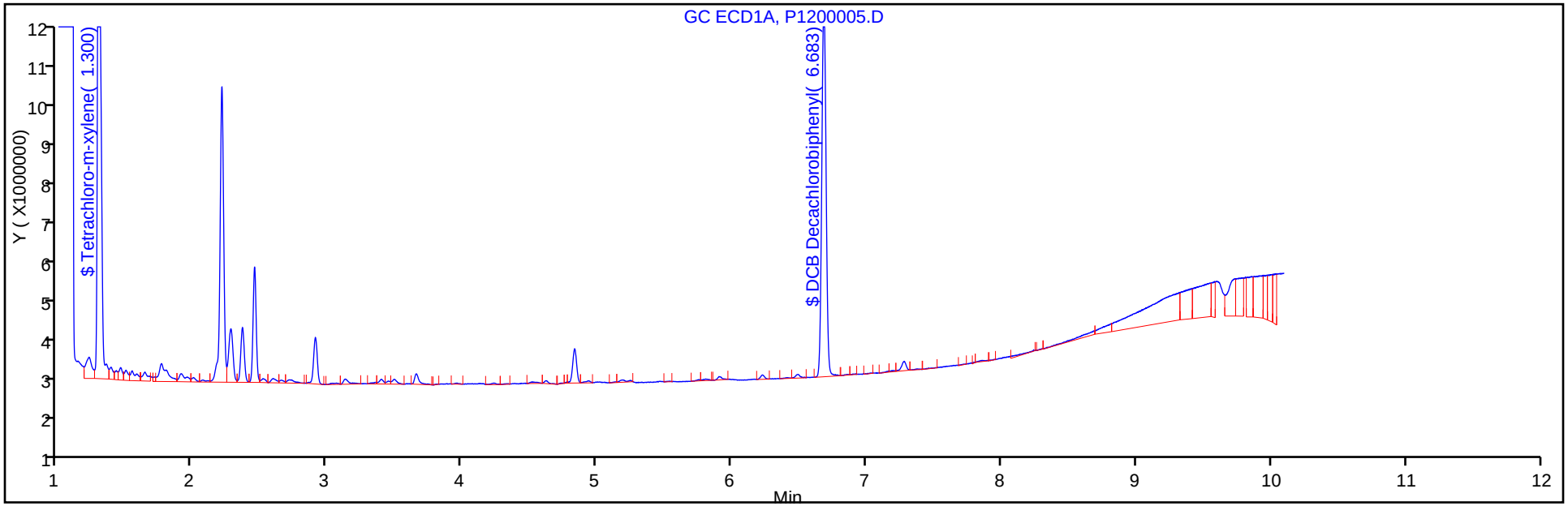
Report Date: 09-Apr-2013 14:40:06 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

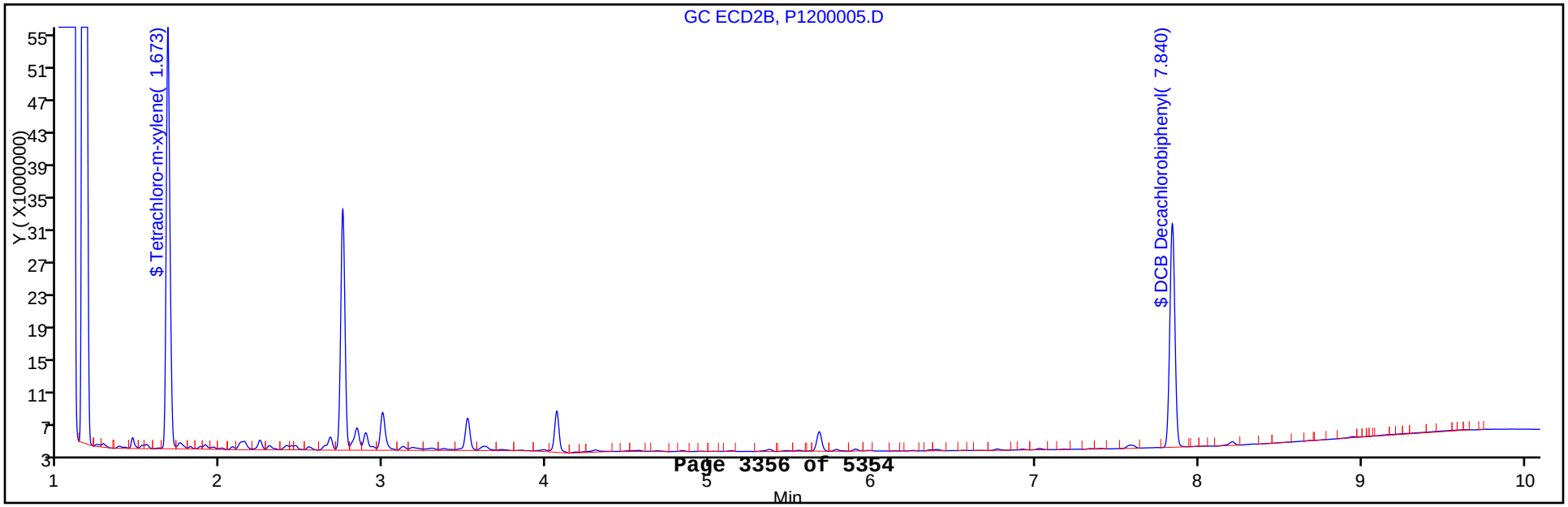
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Injection Date:	08-Apr-2013 14:40:38	Limit Group:	GC 8082A ICAL
Client ID:	073SW-0061-0001-SW	Instrument ID:	A2HP12
Lims Batch ID:	80924	Lims Sample ID:	5
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 079SB-0063M-0001-SO | Lab Sample ID: 240-22648-29

Matrix: Solid | Lab File ID: P1200018.D

Analysis Method: 8082/DOD | Date Collected: 03/28/2013 14:37

Extraction Method: 3540C | Date Extracted: 04/08/2013 11:10

Sample wt/vol: 30.24(g) | Date Analyzed: 04/11/2013 12:00

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

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

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

Analysis Batch No.: 81439 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	50	25	16
12674-11-2	Aroclor-1016	25	U	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	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	61		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200018.D		
Lims ID:	240-22648-G-29-C	Client ID:	079SB-0063M-0001-SO
Inject. Date:	11-Apr-2013 12:00:02	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018757-018		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	18
Lims Batch ID:	81439	Lims Sample ID:	18
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130411-18757.b\PCB12.m		
Last Update:	12-Apr-2013 08:13:43	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK025		

First Level Reviewer: hassl Date: 12-Apr-2013 08:05:58

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.300	0.000	13709229	0.0140			
2	2	1.672	1.671	0.001	44854186	0.0168			
						RPD = 18.36			
3 PCB-1221									
1	2		1.435						
1	3		1.560						
1	4		1.577						
2	4		1.950						
2	5		2.082						
2	6		2.139						
6 PCB-1016									
1	100		1.578						
1	2		1.867						
1	3		2.269						
1	4		2.391						
1	5		2.776						
2	6		2.138						
2	7		2.539						
2	8		2.993						
2	9		3.131						
2	10		3.618						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.578						
1	2		1.869						
1	3		2.269						
1	4		2.392						
1	5		2.777						
2	6		2.139						
2	7		2.539						
2	8		2.995						
2	9		3.133						
2	10		3.620						
4 PCB-1232									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.778						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.134						
2	10		3.745						
7 PCB-1248									
1	86		1.867						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.796						
2	6		2.537						
2	7		2.993						
2	8		3.618						
2	9		4.062						
2	10		4.742						
8 PCB-1254									
1	100		3.407						
1	2		3.794						
1	3		4.077						
1	4		4.271						
1	5		4.552						
2	6		4.269						
2	7		4.742						
2	8		4.989						
2	9		5.347						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.984						
1	2		4.271						
1	3		4.551						
1	4		5.251						
1	5		5.532						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.232						
2	10		6.612						
$ 12 DCB Decachlorobiphenyl									
1	100	6.682	6.685	-0.003	12353908	0.0121			
2	2	7.842	7.841	0.001	31068289	0.0105			
						RPD = 14.24			

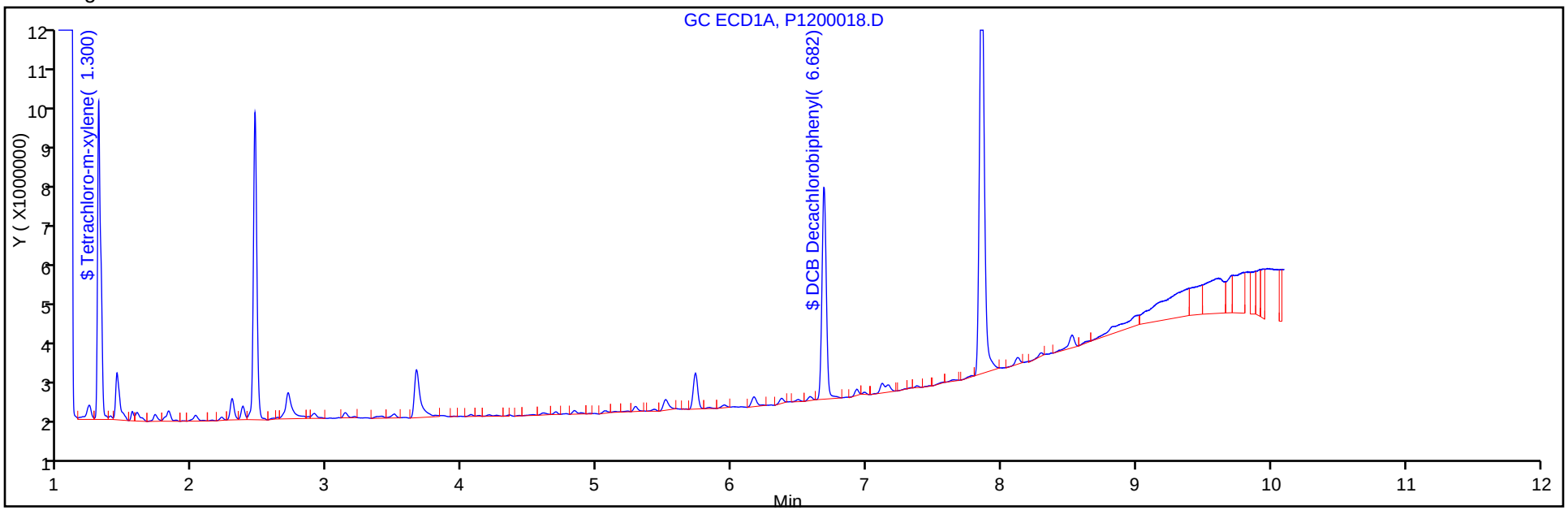
Report Date: 12-Apr-2013 08:13:50 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

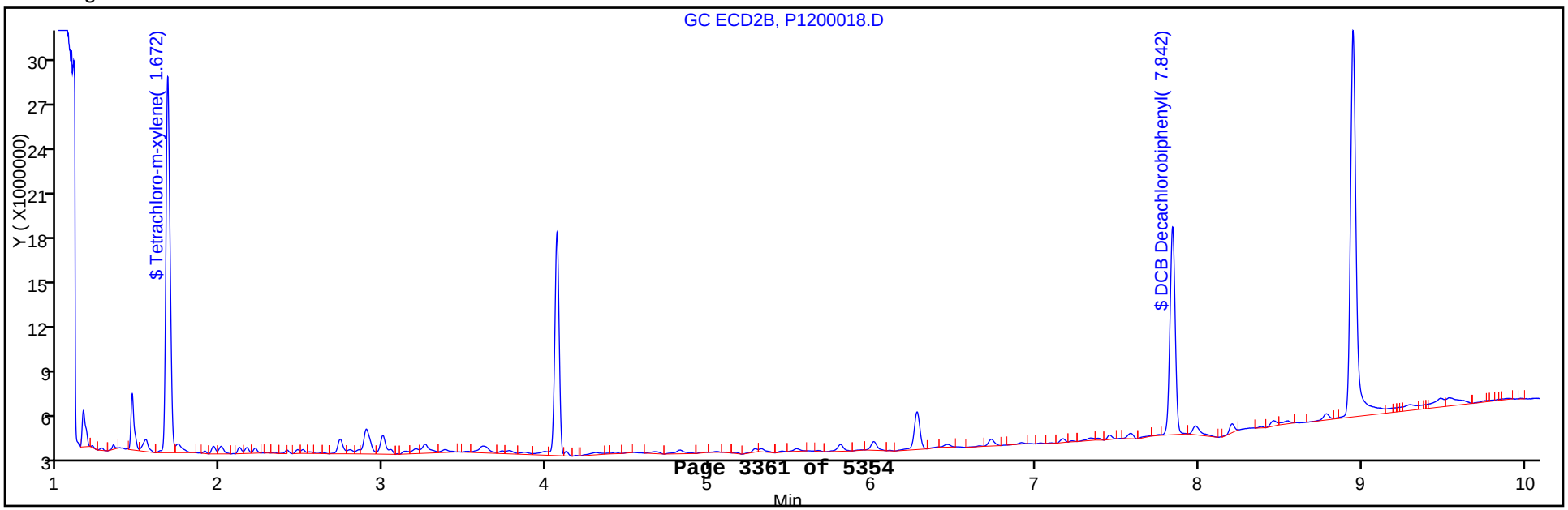
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Injection Date:	11-Apr-2013 12:00:02	Limit Group:	GC 8082A ICAL
Client ID:	079SB-0063M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81439	Lims Sample ID:	18
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 079SB-0063M-0001-SO Lab Sample ID: 240-22648-29

Matrix: Solid Lab File ID: P1200018.D

Analysis Method: 8082/DOD Date Collected: 03/28/2013 14:37

Extraction Method: 3540C Date Extracted: 04/08/2013 11:10

Sample wt/vol: 30.24(g) Date Analyzed: 04/11/2013 12:00

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

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

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

Analysis Batch No.: 81439 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	84		40-140
2051-24-3	DCB Decachlorobiphenyl	53	Q	60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200018.D		
Lims ID:	240-22648-G-29-C	Client ID:	079SB-0063M-0001-SO
Inject. Date:	11-Apr-2013 12:00:02	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018757-018		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	18
Lims Batch ID:	81439	Lims Sample ID:	18
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130411-18757.b\PCB12.m		
Last Update:	12-Apr-2013 08:13:43	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK025		
First Level Reviewer: hassl		Date:	12-Apr-2013 08:05:58

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.300	0.000	13709229	0.0140			
2	2	1.672	1.671	0.001	44854186	0.0168			
						RPD = 18.36			
3 PCB-1221									
1	2		1.435						
1	3		1.560						
1	4		1.577						
2	4		1.950						
2	5		2.082						
2	6		2.139						
6 PCB-1016									
1	100		1.578						
1	2		1.867						
1	3		2.269						
1	4		2.391						
1	5		2.776						
2	6		2.138						
2	7		2.539						
2	8		2.993						
2	9		3.131						
2	10		3.618						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.578						
1	2		1.869						
1	3		2.269						
1	4		2.392						
1	5		2.777						
2	6		2.139						
2	7		2.539						
2	8		2.995						
2	9		3.133						
2	10		3.620						
4 PCB-1232									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.778						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.134						
2	10		3.745						
7 PCB-1248									
1	86		1.867						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.796						
2	6		2.537						
2	7		2.993						
2	8		3.618						
2	9		4.062						
2	10		4.742						
8 PCB-1254									
1	100		3.407						
1	2		3.794						
1	3		4.077						
1	4		4.271						
1	5		4.552						
2	6		4.269						
2	7		4.742						
2	8		4.989						
2	9		5.347						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.984						
1	2		4.271						
1	3		4.551						
1	4		5.251						
1	5		5.532						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.232						
2	10		6.612						
$ 12 DCB Decachlorobiphenyl									
1	100	6.682	6.685	-0.003	12353908	0.0121			
2	2	7.842	7.841	0.001	31068289	0.0105			
						RPD = 14.24			

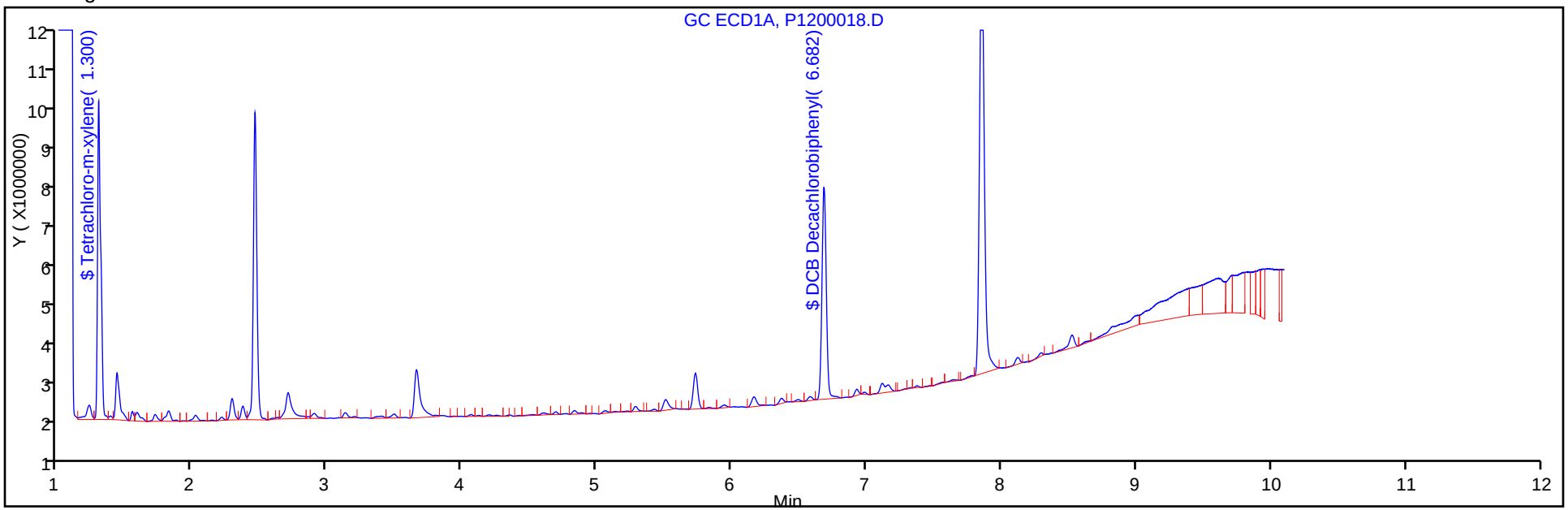
Report Date: 12-Apr-2013 08:13:50 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

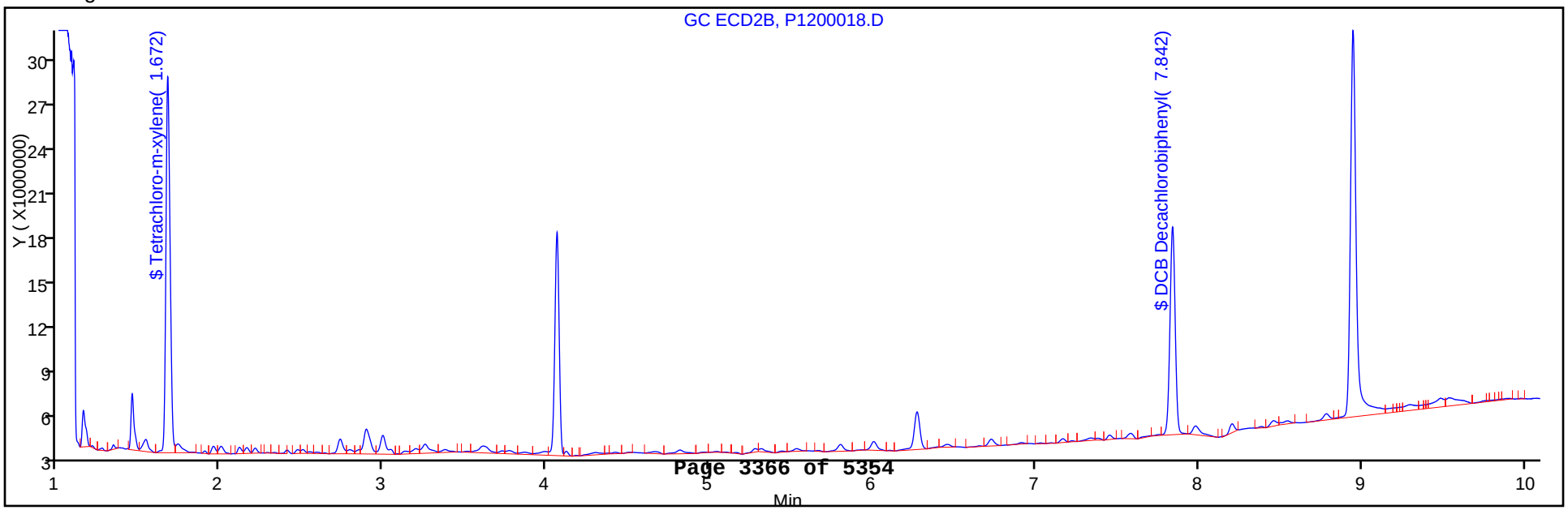
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Injection Date:	11-Apr-2013 12:00:02	Limit Group:	GC 8082A ICAL
Client ID:	079SB-0063M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81439	Lims Sample ID:	18
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 079SB-0064M-0001-SO | Lab Sample ID: 240-22648-30

Matrix: Solid | Lab File ID: P1200019.D

Analysis Method: 8082/DOD | Date Collected: 03/28/2013 14:00

Extraction Method: 3540C | Date Extracted: 04/08/2013 11:10

Sample wt/vol: 30.32(g) | Date Analyzed: 04/11/2013 12:14

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.: 81439 | 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	45	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	83		40-140
2051-24-3	DCB Decachlorobiphenyl	77		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200019.D		
Lims ID:	240-22648-G-30-C	Client ID:	079SB-0064M-0001-SO
Inject. Date:	11-Apr-2013 12:14:18	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018757-019		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	19
Lims Batch ID:	81439	Lims Sample ID:	19
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130411-18757.b\PCB12.m		
Last Update:	12-Apr-2013 08:13:43	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK025		

First Level Reviewer: hassl Date: 12-Apr-2013 08:06:06

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.300	0.000	16335273	0.0167			
2	2	1.672	1.671	0.001	48103779	0.0180			
						RPD = 7.88			
3 PCB-1221									1
1	2		1.435						
1	3		1.560						
1	4		1.577						
2	4		1.950						
2	5		2.082						
2	6		2.139						
6 PCB-1016									
1	100		1.578						
1	2		1.867						
1	3		2.269						
1	4		2.391						
1	5		2.776						
2	6		2.138						
2	7		2.539						
2	8		2.993						
2	9		3.131						
2	10		3.618						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.578						
1	2		1.869						
1	3		2.269						
1	4		2.392						
1	5		2.777						
2	6		2.139						
2	7		2.539						
2	8		2.995						
2	9		3.133						
2	10		3.620						
4 PCB-1232									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.778						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.134						
2	10		3.745						
7 PCB-1248									
1	86		1.867						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.796						
2	6		2.537						
2	7		2.993						
2	8		3.618						
2	9		4.062						
2	10		4.742						
8 PCB-1254									
1	100		3.407						
1	2		3.794						
1	3		4.077						
1	4		4.271						
1	5		4.552						
2	6		4.269						
2	7		4.742						
2	8		4.989						
2	9		5.347						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.984						
1	2		4.271						
1	3		4.551						
1	4		5.251						
1	5		5.532						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.232						
2	10		6.612						
$ 12 DCB Decachlorobiphenyl									
1	100	6.683	6.685	-0.002	15636838	0.0153			
2	2	7.842	7.841	0.001	39955155	0.0135			
						RPD = 12.65			

QC Flag Legend

Processing Flags
1 - Missing Peaks

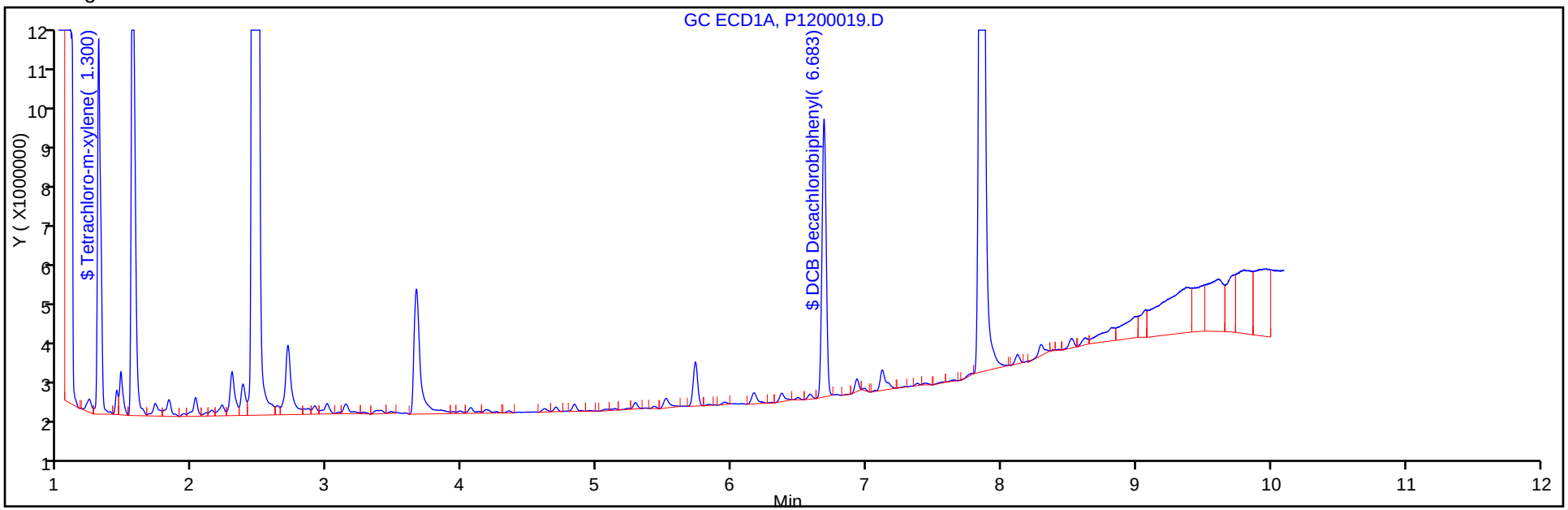
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TestAmerica Canton

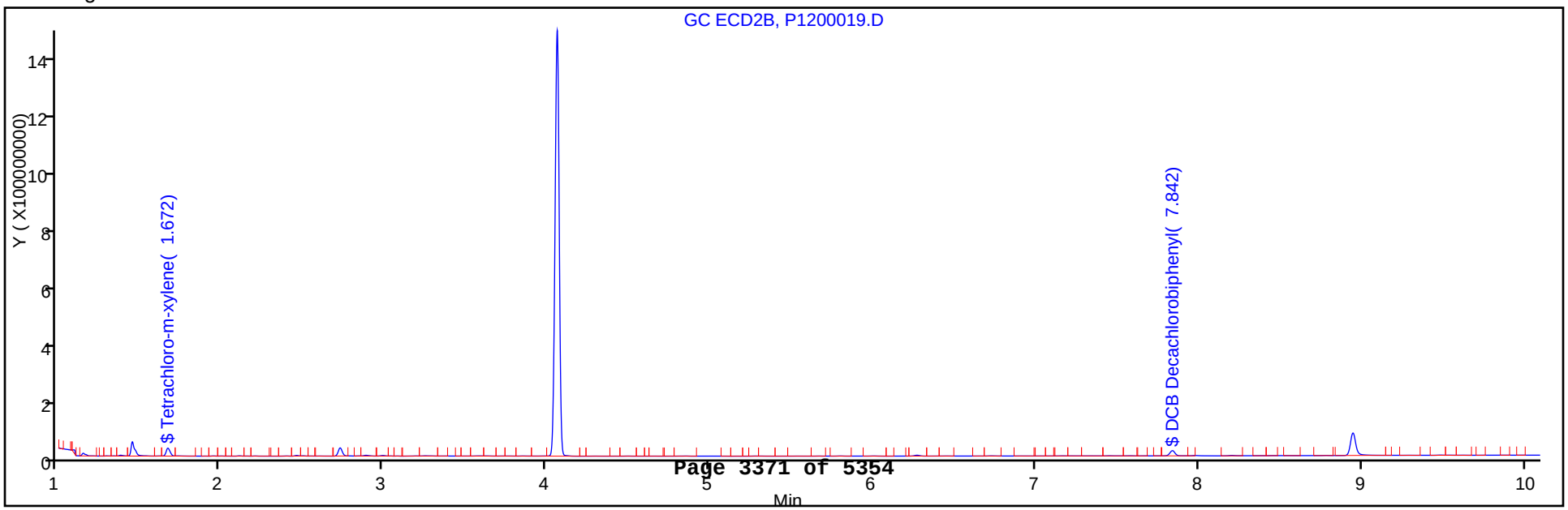
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Injection Date:	11-Apr-2013 12:14:18	Limit Group:	GC 8082A ICAL
Client ID:	079SB-0064M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81439	Lims Sample ID:	19
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 079SB-0064M-0001-SO Lab Sample ID: 240-22648-30

Matrix: Solid Lab File ID: P1200019.D

Analysis Method: 8082/DOD Date Collected: 03/28/2013 14:00

Extraction Method: 3540C Date Extracted: 04/08/2013 11:10

Sample wt/vol: 30.32(g) Date Analyzed: 04/11/2013 12:14

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.: 81439 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	90		40-140
2051-24-3	DCB Decachlorobiphenyl	68		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200019.D		
Lims ID:	240-22648-G-30-C	Client ID:	079SB-0064M-0001-SO
Inject. Date:	11-Apr-2013 12:14:18	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018757-019		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	19
Lims Batch ID:	81439	Lims Sample ID:	19
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130411-18757.b\PCB12.m		
Last Update:	12-Apr-2013 08:13:43	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK025		

First Level Reviewer: hassl Date: 12-Apr-2013 08:06:06

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.300	0.000	16335273	0.0167			
2	2	1.672	1.671	0.001	48103779	0.0180			
						RPD = 7.88			
3 PCB-1221									1
1	2		1.435						
1	3		1.560						
1	4		1.577						
2	4		1.950						
2	5		2.082						
2	6		2.139						
6 PCB-1016									
1	100		1.578						
1	2		1.867						
1	3		2.269						
1	4		2.391						
1	5		2.776						
2	6		2.138						
2	7		2.539						
2	8		2.993						
2	9		3.131						
2	10		3.618						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.578						
1	2		1.869						
1	3		2.269						
1	4		2.392						
1	5		2.777						
2	6		2.139						
2	7		2.539						
2	8		2.995						
2	9		3.133						
2	10		3.620						
4 PCB-1232									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.778						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.134						
2	10		3.745						
7 PCB-1248									
1	86		1.867						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.796						
2	6		2.537						
2	7		2.993						
2	8		3.618						
2	9		4.062						
2	10		4.742						
8 PCB-1254									
1	100		3.407						
1	2		3.794						
1	3		4.077						
1	4		4.271						
1	5		4.552						
2	6		4.269						
2	7		4.742						
2	8		4.989						
2	9		5.347						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.984						
1	2		4.271						
1	3		4.551						
1	4		5.251						
1	5		5.532						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.232						
2	10		6.612						
$ 12 DCB Decachlorobiphenyl									
1	100	6.683	6.685	-0.002	15636838	0.0153			
2	2	7.842	7.841	0.001	39955155	0.0135			
						RPD = 12.65			

QC Flag Legend

Processing Flags
1 - Missing Peaks

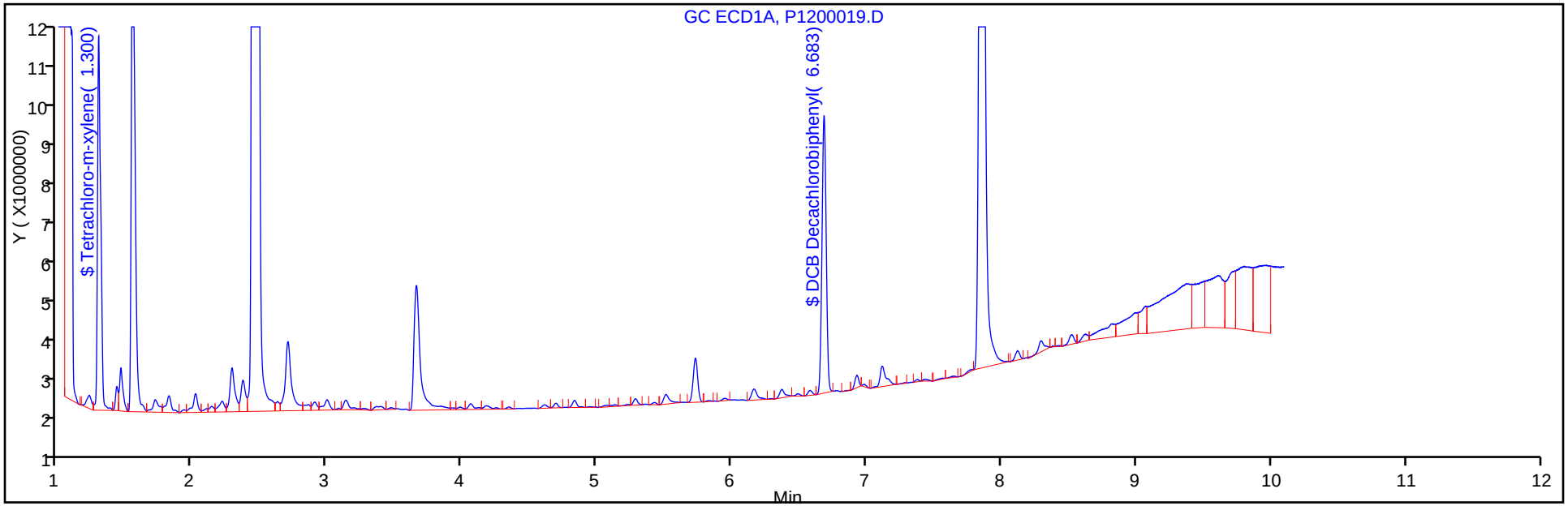
Report Date: 12-Apr-2013 08:13:51 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

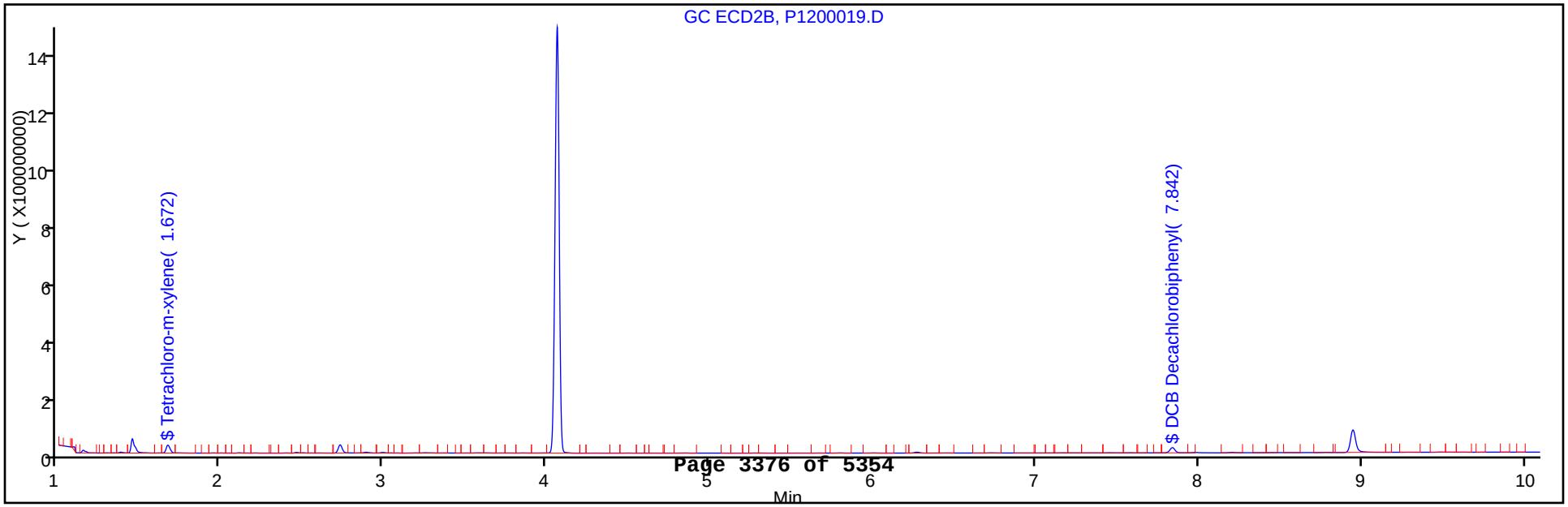
Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200019.D

Injection Date:	11-Apr-2013 12:14:18	Limit Group:	GC 8082A ICAL
Client ID:	079SB-0064M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81439	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:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 079SB-0069M-0001-SO | Lab Sample ID: 240-22648-36

Matrix: Solid | Lab File ID: P1200022.D

Analysis Method: 8082/DOD | Date Collected: 03/28/2013 16:15

Extraction Method: 3540C | Date Extracted: 04/08/2013 11:10

Sample wt/vol: 30.32(g) | Date Analyzed: 04/11/2013 12:58

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

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

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

Analysis Batch No.: 81439 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	*Aroclor-1221*	*24*	*U*	*49*	24	*16*
12674-11-2	*Aroclor-1016*	*24*	*U*	*64*	24	*21*
11141-16-5	*Aroclor-1232*	*24*	*U*	*45*	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	0	*Q*	40-140
2051-24-3	DCB Decachlorobiphenyl	68		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200022.D		
Lims ID:	240-22648-G-36-C	Client ID:	079SB-0069M-0001-SO
Inject. Date:	11-Apr-2013 12:58:16	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018757-022		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	22
Lims Batch ID:	81439	Lims Sample ID:	22
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130411-18757.b\PCB12.m		
Last Update:	12-Apr-2013 08:13:51	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK025		

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44		1.300						
2	2		1.672						
3 PCB-1221									1
1	2		1.435						
1	3		1.560						
1	4		1.577						
2	4		1.950						
2	5		2.082						
2	6		2.139						
6 PCB-1016									1
1	100		1.578						
1	2		1.868						
1	3		2.268						
1	4		2.391						
1	5		2.776						
2	6		2.138						
2	7		2.538						
2	8		2.993						
2	9		3.133						
2	10		3.619						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5	PCB-1242								1
1	100		1.578						
1	2		1.869						
1	3		2.269						
1	4		2.392						
1	5		2.777						
2	6		2.139						
2	7		2.539						
2	8		2.995						
2	9		3.133						
2	10		3.620						
4	PCB-1232								1
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.778						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.134						
2	10		3.745						
7	PCB-1248								1
1	86		1.867						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.796						
2	6		2.537						
2	7		2.993						
2	8		3.618						
2	9		4.062						
2	10		4.742						
8	PCB-1254								
1	100		3.407						
1	2		3.794						
1	3		4.077						
1	4		4.271						
1	5		4.552						
2	6		4.269						
2	7		4.742						
2	8		4.989						
2	9		5.347						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.984						
1	2		4.272						
1	3		4.550						
1	4		5.251						
1	5		5.533						
2	6		4.951						
2	7		5.183						
2	8		5.548						
2	9		6.233						
2	10		6.612						
$ 12 DCB Decachlorobiphenyl									
1	100	6.684	6.683	0.001	13776036	0.0135			
2	2	7.842	7.842	0.000	36156160	0.0122			
						RPD = 9.98			

QC Flag Legend

Processing Flags
1 - Missing Peaks

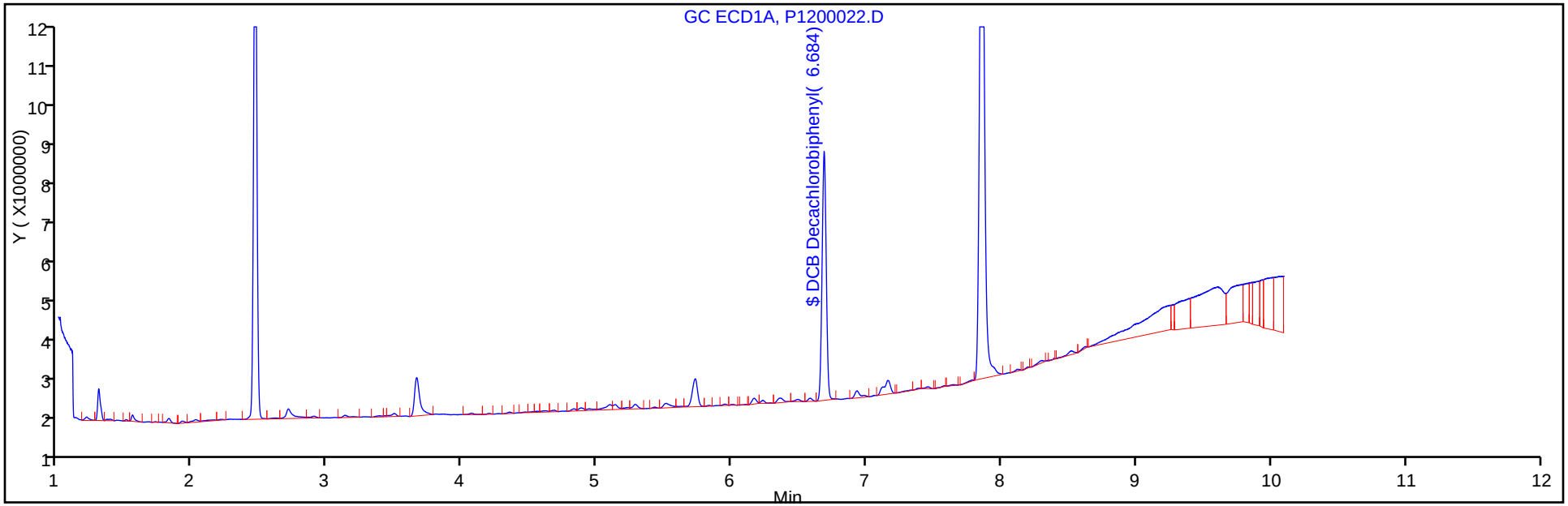
Report Date: 12-Apr-2013 08:13:53 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

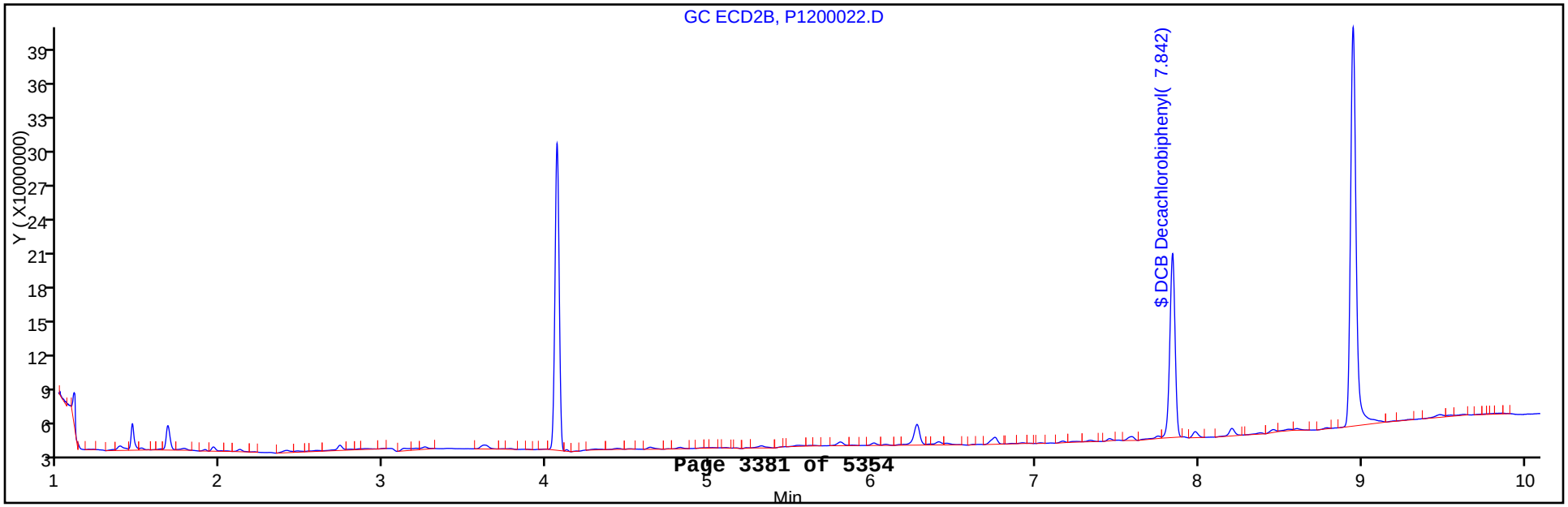
Data File: \\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200022.D

Injection Date:	11-Apr-2013 12:58:16	Limit Group:	GC 8082A ICAL
Client ID:	079SB-0069M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81439	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:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 079SB-0069M-0001-SO Lab Sample ID: 240-22648-36

Matrix: Solid Lab File ID: P1200022.D

Analysis Method: 8082/DOD Date Collected: 03/28/2013 16:15

Extraction Method: 3540C Date Extracted: 04/08/2013 11:10

Sample wt/vol: 30.32(g) Date Analyzed: 04/11/2013 12:58

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

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

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

Analysis Batch No.: 81439 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	0	Q	40-140
2051-24-3	DCB Decachlorobiphenyl	61		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200022.D		
Lims ID:	240-22648-G-36-C	Client ID:	079SB-0069M-0001-SO
Inject. Date:	11-Apr-2013 12:58:16	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018757-022		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	22
Lims Batch ID:	81439	Lims Sample ID:	22
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130411-18757.b\PCB12.m		
Last Update:	12-Apr-2013 08:13:51	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK025		

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44		1.300						
2	2		1.672						
3 PCB-1221									1
1	2		1.435						
1	3		1.560						
1	4		1.577						
2	4		1.950						
2	5		2.082						
2	6		2.139						
6 PCB-1016									1
1	100		1.578						
1	2		1.868						
1	3		2.268						
1	4		2.391						
1	5		2.776						
2	6		2.138						
2	7		2.538						
2	8		2.993						
2	9		3.133						
2	10		3.619						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5	PCB-1242								1
1	100		1.578						
1	2		1.869						
1	3		2.269						
1	4		2.392						
1	5		2.777						
2	6		2.139						
2	7		2.539						
2	8		2.995						
2	9		3.133						
2	10		3.620						
4	PCB-1232								1
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.778						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.134						
2	10		3.745						
7	PCB-1248								1
1	86		1.867						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.796						
2	6		2.537						
2	7		2.993						
2	8		3.618						
2	9		4.062						
2	10		4.742						
8	PCB-1254								
1	100		3.407						
1	2		3.794						
1	3		4.077						
1	4		4.271						
1	5		4.552						
2	6		4.269						
2	7		4.742						
2	8		4.989						
2	9		5.347						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.984						
1	2		4.272						
1	3		4.550						
1	4		5.251						
1	5		5.533						
2	6		4.951						
2	7		5.183						
2	8		5.548						
2	9		6.233						
2	10		6.612						
$ 12 DCB Decachlorobiphenyl									
1	100	6.684	6.683	0.001	13776036	0.0135			
2	2	7.842	7.842	0.000	36156160	0.0122			
						RPD = 9.98			

QC Flag Legend

Processing Flags
1 - Missing Peaks

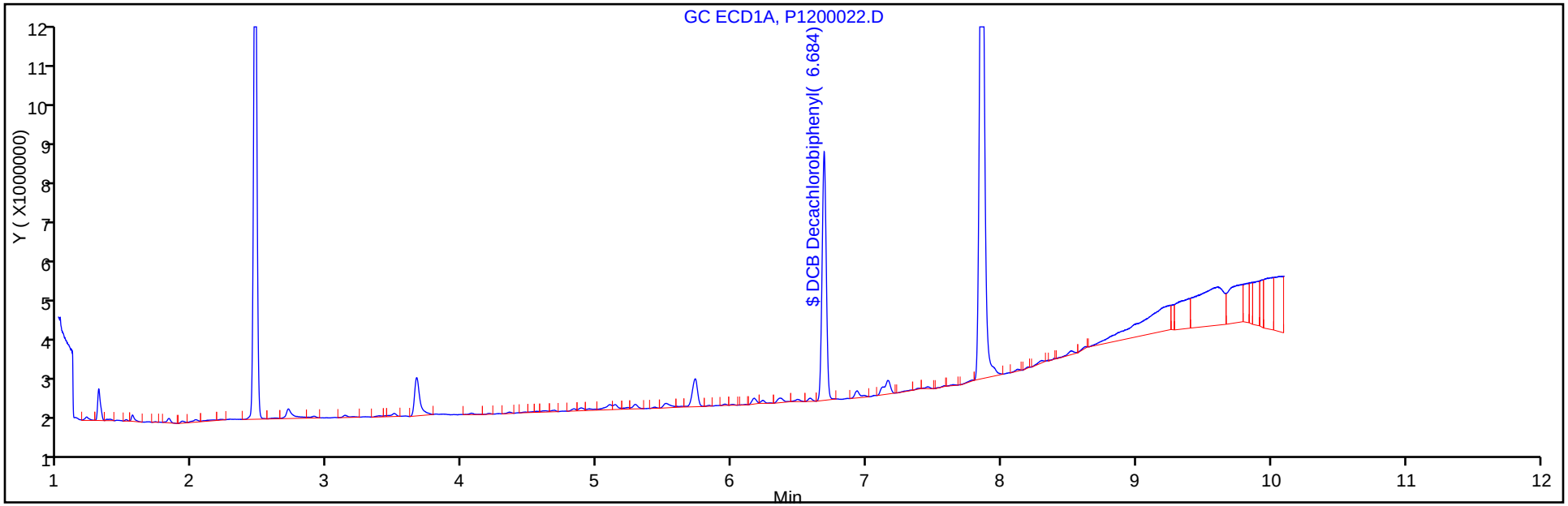
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TestAmerica Canton

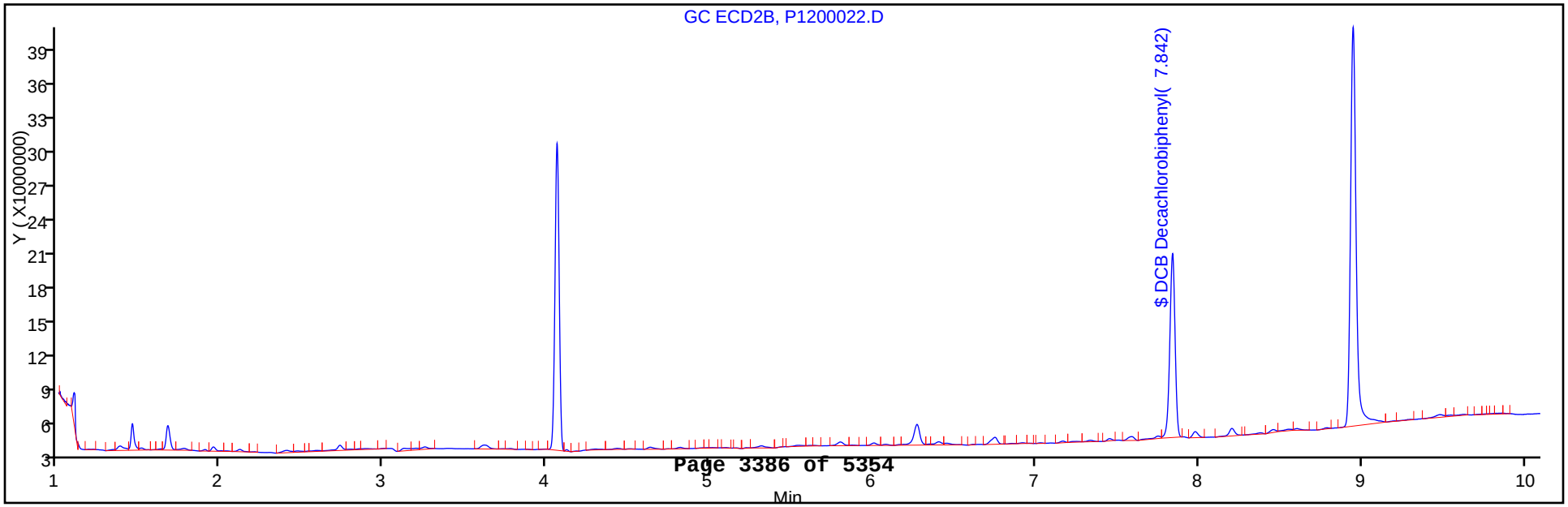
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Injection Date:	11-Apr-2013 12:58:16	Limit Group:	GC 8082A ICAL
Client ID:	079SB-0069M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81439	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 079SB-0069M-0001-SO RE Lab Sample ID: 240-22648-36 RE

Matrix: Solid Lab File ID: P4000007.D

Analysis Method: 8082/DOD Date Collected: 03/28/2013 16:15

Extraction Method: 3540C Date Extracted: 04/16/2013 10:59

Sample wt/vol: 29.66(g) Date Analyzed: 04/18/2013 17:49

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.: 82562 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	113		40-140
2051-24-3	DCB Decachlorobiphenyl	127	Q	60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000007.D		
Lims ID:	240-22648-G-36-F	Client ID:	079SB-0069M-0001-SO
Inject. Date:	18-Apr-2013 17:49:11	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0019023-007		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	7
Lims Batch ID:	82562	Lims Sample ID:	7
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130418-19023.b\PCB4.m		
Last Update:	19-Apr-2013 14:30:32	Calib Date:	15-Apr-2013 10:24:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK027		

First Level Reviewer: hassl Date: 19-Apr-2013 14:27:37

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	35711571	0.0226			
2	2	1.685	1.684	0.001	37291286	0.0236			
						RPD = 4.69			
3 PCB-1221									
1	2		1.405						
1	3		1.515						
1	4		1.544						
2	4		1.957						
2	5		2.089						
2	6		2.145						
4 PCB-1232									
1	100		1.543						
1	2		1.826						
1	3		2.217						
1	4		2.337						
1	5		2.716						
2	6		2.143						
2	7		2.538						
2	8		2.990						
2	9		3.129						
2	10		3.738						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.544						
1	2		1.826						
1	3		2.218						
1	4		2.338						
1	5		2.717						
2	6		2.143						
2	7		2.539						
2	8		2.991						
2	9		3.129						
2	10		3.738						
6 PCB-1016									
1	100		1.547						
1	2		1.828						
1	3		2.221						
1	4		2.341						
1	5		2.718						
2	6		2.146						
2	7		2.542						
2	8		2.993						
2	9		3.132						
2	10		3.235						
7 PCB-1248									
1	86		1.825						
1	2		2.216						
1	3		2.716						
1	4		3.293						
1	5		3.726						
2	6		2.538						
2	7		2.990						
2	8		3.739						
2	9		4.013						
2	10		4.735						
8 PCB-1254									
1	100		3.340						
1	2		3.727						
1	3		4.010						
1	4		4.199						
1	5		4.483						
2	6		4.260						
2	7		4.735						
2	8		4.980						
2	9		5.341						
2	10		5.543						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.916						
1	2		4.203						
1	3		4.484						
1	4		5.183						
1	5		5.468						
2	6		4.943						
2	7		5.174						
2	8		5.543						
2	9		6.227						
2	10		6.608						
9 PCB-1262									
1	100		4.203						
1	2		4.605						
1	3		4.851						
1	4		5.180						
1	5		5.554						
2	6		5.173						
2	7		5.643						
2	8		5.949						
2	9		6.225						
2	10		6.605						
11 PCB-1268									
1	100		5.511						
1	2		5.550						
1	3		5.749						
1	4		6.126						
1	5		6.423						
2	6		6.601						
2	7		6.649						
2	8		6.912						
2	9		7.228						
2	10		7.570						
$ 12 DCB Decachlorobiphenyl									
1	100	6.622	6.621	0.001	33981455	0.0255			
2	2	7.844	7.843	0.001	35939432	0.0247			
						RPD = 3.10			

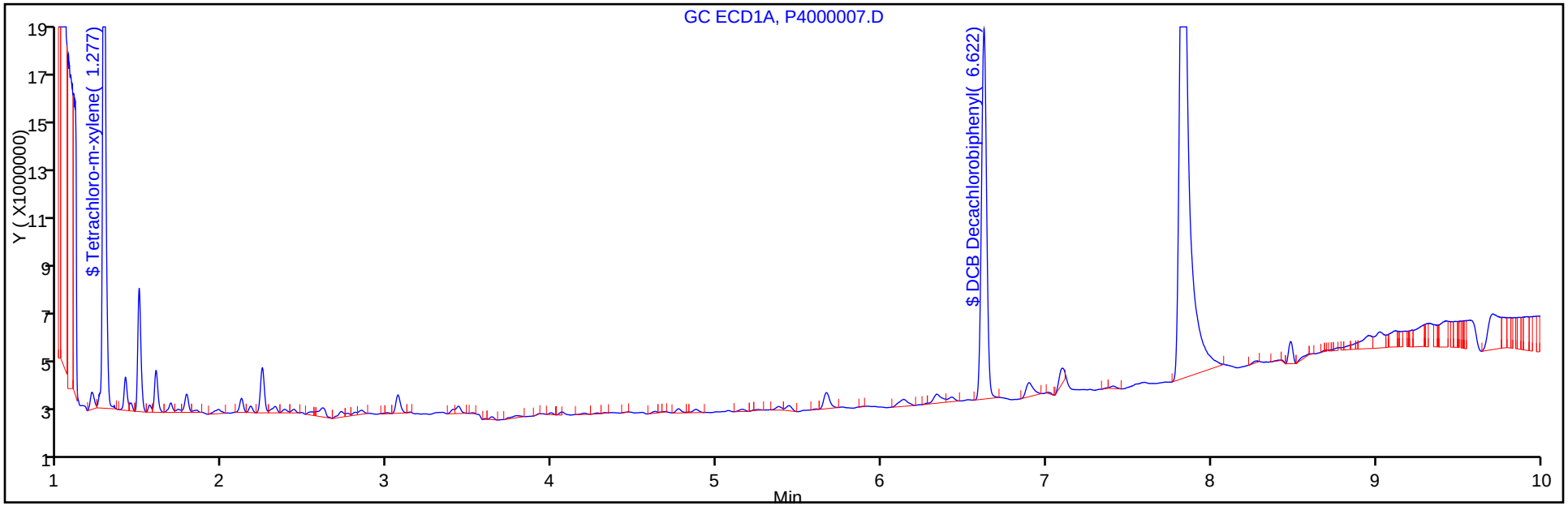
Report Date: 19-Apr-2013 14:30:36 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

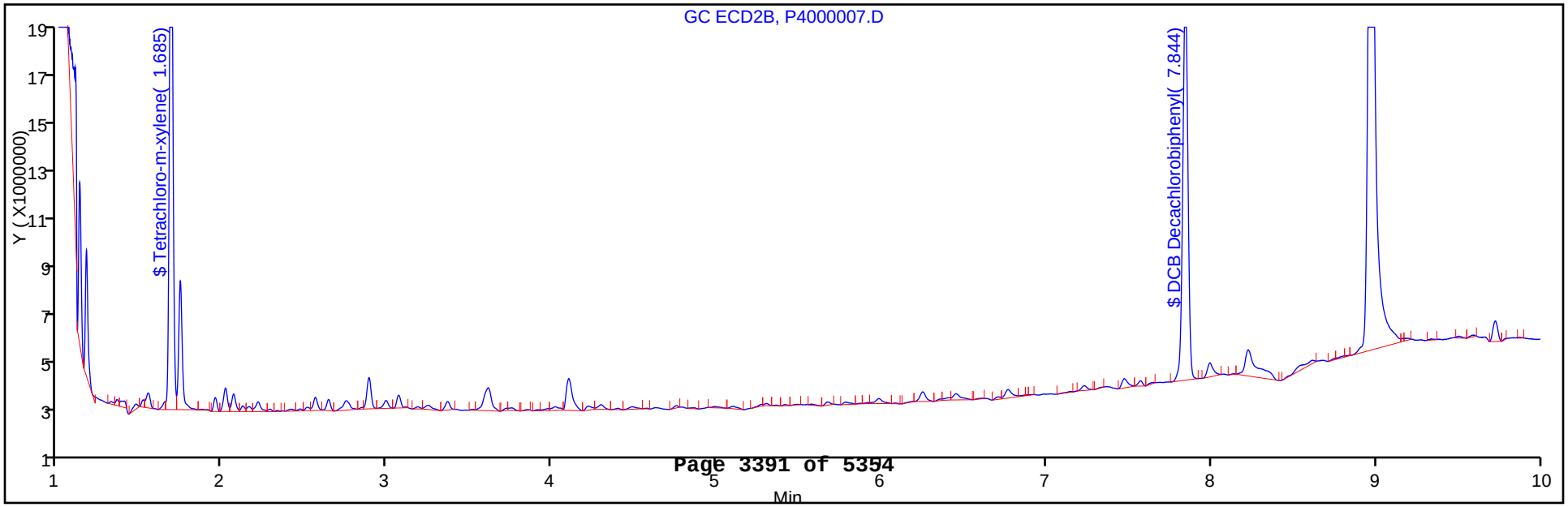
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Injection Date:	18-Apr-2013 17:49:11	Limit Group:	GC 8082A ICAL
Client ID:	079SB-0069M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82562	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

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.: 240-22648-1

SDG No.:

Client Sample ID: 079SB-0069M-0001-SO RE Lab Sample ID: 240-22648-36 RE

Matrix: Solid Lab File ID: P4000007.D

Analysis Method: 8082/DOD Date Collected: 03/28/2013 16:15

Extraction Method: 3540C Date Extracted: 04/16/2013 10:59

Sample wt/vol: 29.66(g) Date Analyzed: 04/18/2013 17:49

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.: 82562 Units: ug/Kg

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

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	118		40-140
2051-24-3	DCB Decachlorobiphenyl	123		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130418-19023.b\P4000007.D		
Lims ID:	240-22648-G-36-F	Client ID:	079SB-0069M-0001-SO
Inject. Date:	18-Apr-2013 17:49:11	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0019023-007		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	7
Lims Batch ID:	82562	Lims Sample ID:	7
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130418-19023.b\PCB4.m		
Last Update:	19-Apr-2013 14:30:32	Calib Date:	15-Apr-2013 10:24:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK027		

First Level Reviewer: hassl Date: 19-Apr-2013 14:27:37

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	35711571	0.0226			
2	2	1.685	1.684	0.001	37291286	0.0236			
						RPD = 4.69			
3 PCB-1221									
1	2		1.405						
1	3		1.515						
1	4		1.544						
2	4		1.957						
2	5		2.089						
2	6		2.145						
4 PCB-1232									
1	100		1.543						
1	2		1.826						
1	3		2.217						
1	4		2.337						
1	5		2.716						
2	6		2.143						
2	7		2.538						
2	8		2.990						
2	9		3.129						
2	10		3.738						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.544						
1	2		1.826						
1	3		2.218						
1	4		2.338						
1	5		2.717						
2	6		2.143						
2	7		2.539						
2	8		2.991						
2	9		3.129						
2	10		3.738						
6 PCB-1016									
1	100		1.547						
1	2		1.828						
1	3		2.221						
1	4		2.341						
1	5		2.718						
2	6		2.146						
2	7		2.542						
2	8		2.993						
2	9		3.132						
2	10		3.235						
7 PCB-1248									
1	86		1.825						
1	2		2.216						
1	3		2.716						
1	4		3.293						
1	5		3.726						
2	6		2.538						
2	7		2.990						
2	8		3.739						
2	9		4.013						
2	10		4.735						
8 PCB-1254									
1	100		3.340						
1	2		3.727						
1	3		4.010						
1	4		4.199						
1	5		4.483						
2	6		4.260						
2	7		4.735						
2	8		4.980						
2	9		5.341						
2	10		5.543						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.916						
1	2		4.203						
1	3		4.484						
1	4		5.183						
1	5		5.468						
2	6		4.943						
2	7		5.174						
2	8		5.543						
2	9		6.227						
2	10		6.608						
9 PCB-1262									
1	100		4.203						
1	2		4.605						
1	3		4.851						
1	4		5.180						
1	5		5.554						
2	6		5.173						
2	7		5.643						
2	8		5.949						
2	9		6.225						
2	10		6.605						
11 PCB-1268									
1	100		5.511						
1	2		5.550						
1	3		5.749						
1	4		6.126						
1	5		6.423						
2	6		6.601						
2	7		6.649						
2	8		6.912						
2	9		7.228						
2	10		7.570						
$ 12 DCB Decachlorobiphenyl									
1	100	6.622	6.621	0.001	33981455	0.0255			
2	2	7.844	7.843	0.001	35939432	0.0247			
						RPD = 3.10			

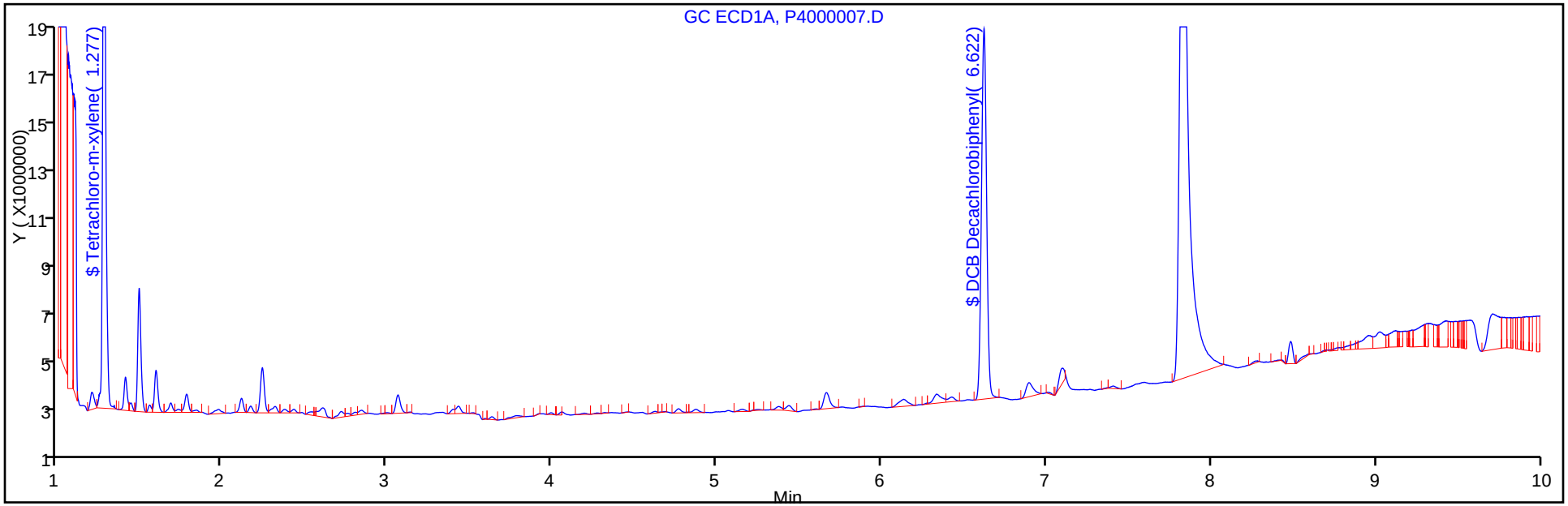
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TestAmerica Canton

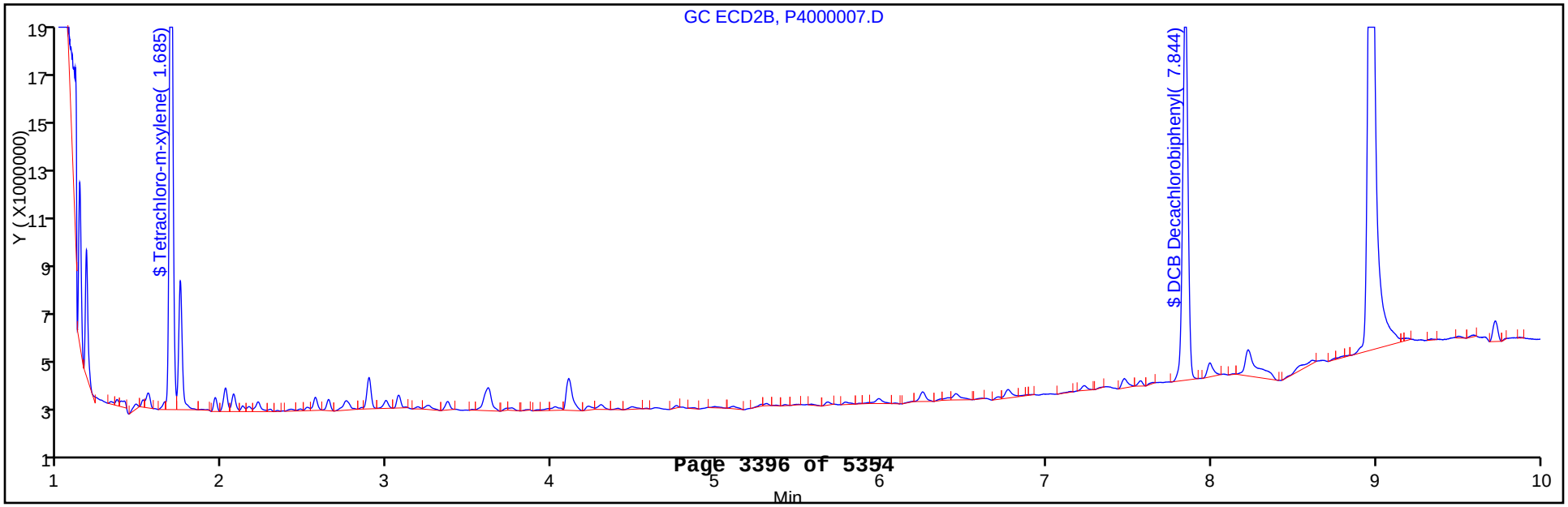
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Injection Date:	18-Apr-2013 17:49:11	Limit Group:	GC 8082A ICAL
Client ID:	079SB-0069M-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	82562	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

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.: 240-22648-1

SDG No.:

Client Sample ID: 079SB-0071M-0001-SO | Lab Sample ID: 240-22648-38

Matrix: Solid | Lab File ID: P1200023.D

Analysis Method: 8082/DOD | Date Collected: 03/28/2013 16:34

Extraction Method: 3540C | Date Extracted: 04/08/2013 11:10

Sample wt/vol: 30.28(g) | Date Analyzed: 04/11/2013 13:13

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.: 81439 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	50	25	16
12674-11-2	Aroclor-1016	25	U	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	86		40-140
2051-24-3	DCB Decachlorobiphenyl	85		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200023.D		
Lims ID:	240-22648-G-38-C	Client ID:	079SB-0071M-0001-SO
Inject. Date:	11-Apr-2013 13:13:02	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018757-023		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	23
Lims Batch ID:	81439	Lims Sample ID:	23
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130411-18757.b\PCB12.m		
Last Update:	12-Apr-2013 08:13:51	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK025		

First Level Reviewer: hassl Date: 12-Apr-2013 08:08:11

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	1.300	0.001	16847575	0.0172			
2	2	1.673	1.672	0.001	48690350	0.0182			
						RPD = 6.01			
3 PCB-1221									1
1	2		1.435						
1	3		1.560						
1	4		1.577						
2	4		1.950						
2	5		2.082						
2	6		2.139						
6 PCB-1016									
1	100		1.578						
1	2		1.868						
1	3		2.268						
1	4		2.391						
1	5		2.776						
2	6		2.138						
2	7		2.538						
2	8		2.993						
2	9		3.133						
2	10		3.619						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.578						
1	2		1.869						
1	3		2.269						
1	4		2.392						
1	5		2.777						
2	6		2.139						
2	7		2.539						
2	8		2.995						
2	9		3.133						
2	10		3.620						
4 PCB-1232									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.778						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.134						
2	10		3.745						
7 PCB-1248									
1	86		1.867						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.796						
2	6		2.537						
2	7		2.993						
2	8		3.618						
2	9		4.062						
2	10		4.742						
8 PCB-1254									
1	100		3.407						
1	2		3.794						
1	3		4.077						
1	4		4.271						
1	5		4.552						
2	6		4.269						
2	7		4.742						
2	8		4.989						
2	9		5.347						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.984						
1	2		4.272						
1	3		4.550						
1	4		5.251						
1	5		5.533						
2	6		4.951						
2	7		5.183						
2	8		5.548						
2	9		6.233						
2	10		6.612						
$ 12 DCB Decachlorobiphenyl									
1	100	6.686	6.683	0.003	17309482	0.0170			
2	2	7.840	7.842	-0.002	43112889	0.0146			
						RPD = 15.20			

QC Flag Legend

Processing Flags
1 - Missing Peaks

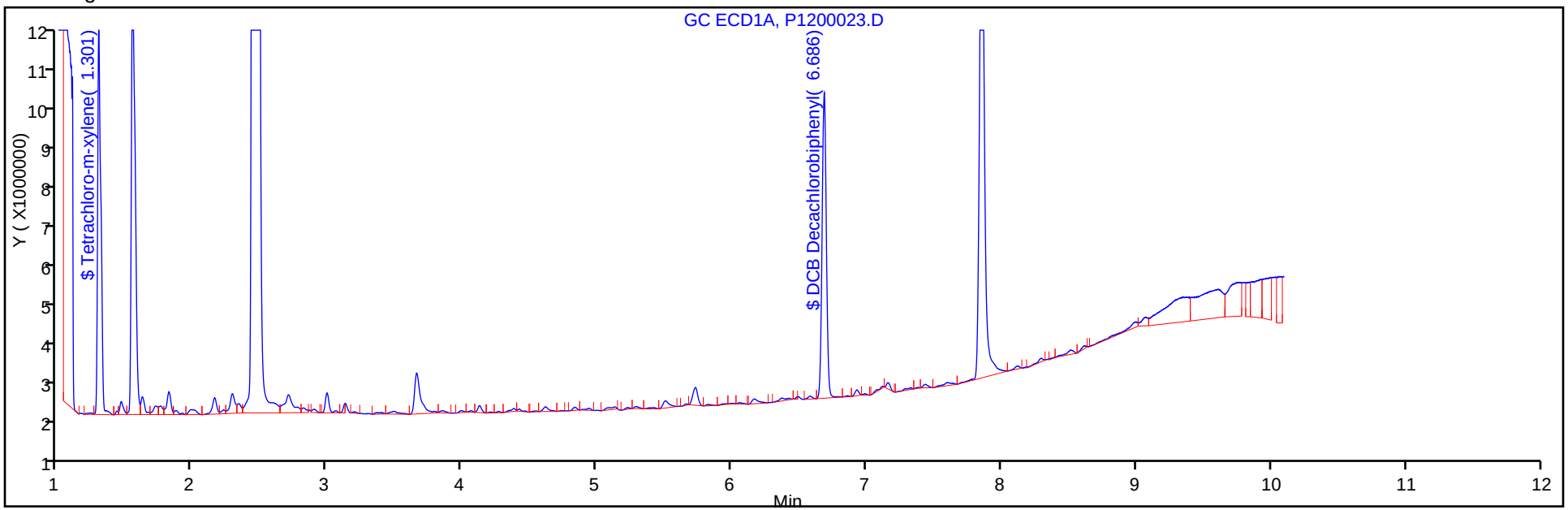
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TestAmerica Canton

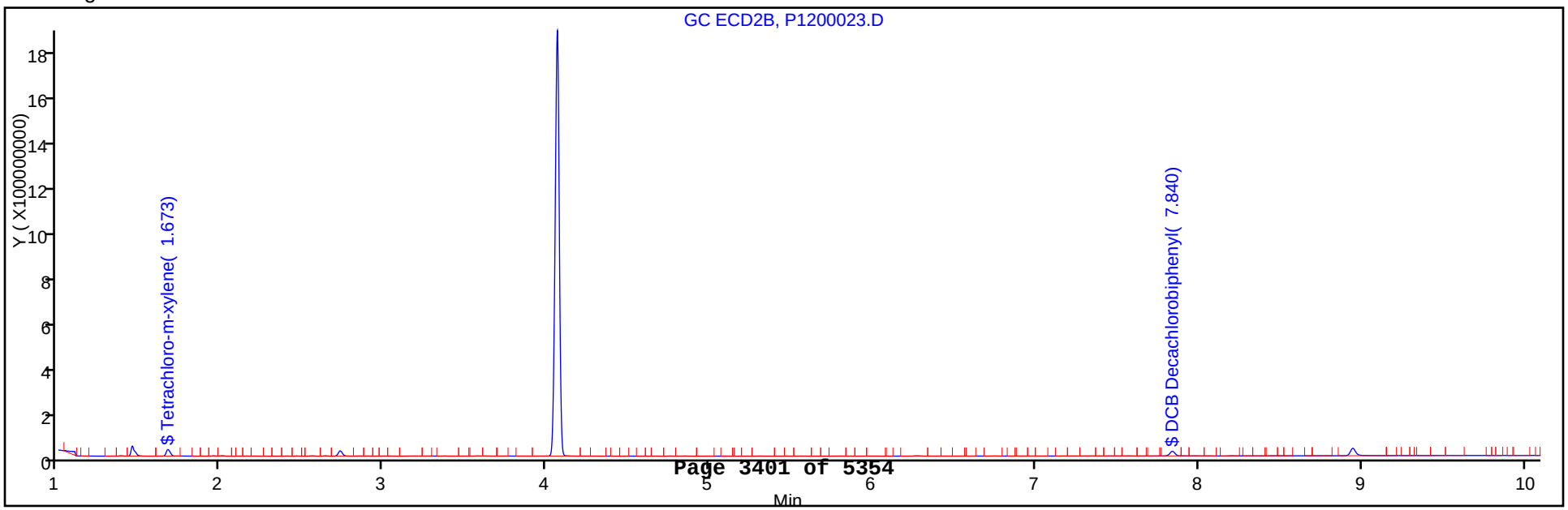
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Injection Date:	11-Apr-2013 13:13:02	Limit Group:	GC 8082A ICAL
Client ID:	079SB-0071M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81439	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 079SB-0071M-0001-SO Lab Sample ID: 240-22648-38

Matrix: Solid Lab File ID: P1200023.D

Analysis Method: 8082/DOD Date Collected: 03/28/2013 16:34

Extraction Method: 3540C Date Extracted: 04/08/2013 11:10

Sample wt/vol: 30.28(g) Date Analyzed: 04/11/2013 13:13

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.: 81439 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	91		40-140
2051-24-3	DCB Decachlorobiphenyl	73		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200023.D		
Lims ID:	240-22648-G-38-C	Client ID:	079SB-0071M-0001-SO
Inject. Date:	11-Apr-2013 13:13:02	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018757-023		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	23
Lims Batch ID:	81439	Lims Sample ID:	23
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130411-18757.b\PCB12.m		
Last Update:	12-Apr-2013 08:13:51	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK025		

First Level Reviewer: hassl Date: 12-Apr-2013 08:08:11

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	1.300	0.001	16847575	0.0172			
2	2	1.673	1.672	0.001	48690350	0.0182			
						RPD = 6.01			
3 PCB-1221									1
1	2		1.435						
1	3		1.560						
1	4		1.577						
2	4		1.950						
2	5		2.082						
2	6		2.139						
6 PCB-1016									
1	100		1.578						
1	2		1.868						
1	3		2.268						
1	4		2.391						
1	5		2.776						
2	6		2.138						
2	7		2.538						
2	8		2.993						
2	9		3.133						
2	10		3.619						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.578						
1	2		1.869						
1	3		2.269						
1	4		2.392						
1	5		2.777						
2	6		2.139						
2	7		2.539						
2	8		2.995						
2	9		3.133						
2	10		3.620						
4 PCB-1232									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.778						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.134						
2	10		3.745						
7 PCB-1248									
1	86		1.867						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.796						
2	6		2.537						
2	7		2.993						
2	8		3.618						
2	9		4.062						
2	10		4.742						
8 PCB-1254									
1	100		3.407						
1	2		3.794						
1	3		4.077						
1	4		4.271						
1	5		4.552						
2	6		4.269						
2	7		4.742						
2	8		4.989						
2	9		5.347						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.984						
1	2		4.272						
1	3		4.550						
1	4		5.251						
1	5		5.533						
2	6		4.951						
2	7		5.183						
2	8		5.548						
2	9		6.233						
2	10		6.612						
$ 12 DCB Decachlorobiphenyl									
1	100	6.686	6.683	0.003	17309482	0.0170			
2	2	7.840	7.842	-0.002	43112889	0.0146			
						RPD = 15.20			

QC Flag Legend

Processing Flags
1 - Missing Peaks

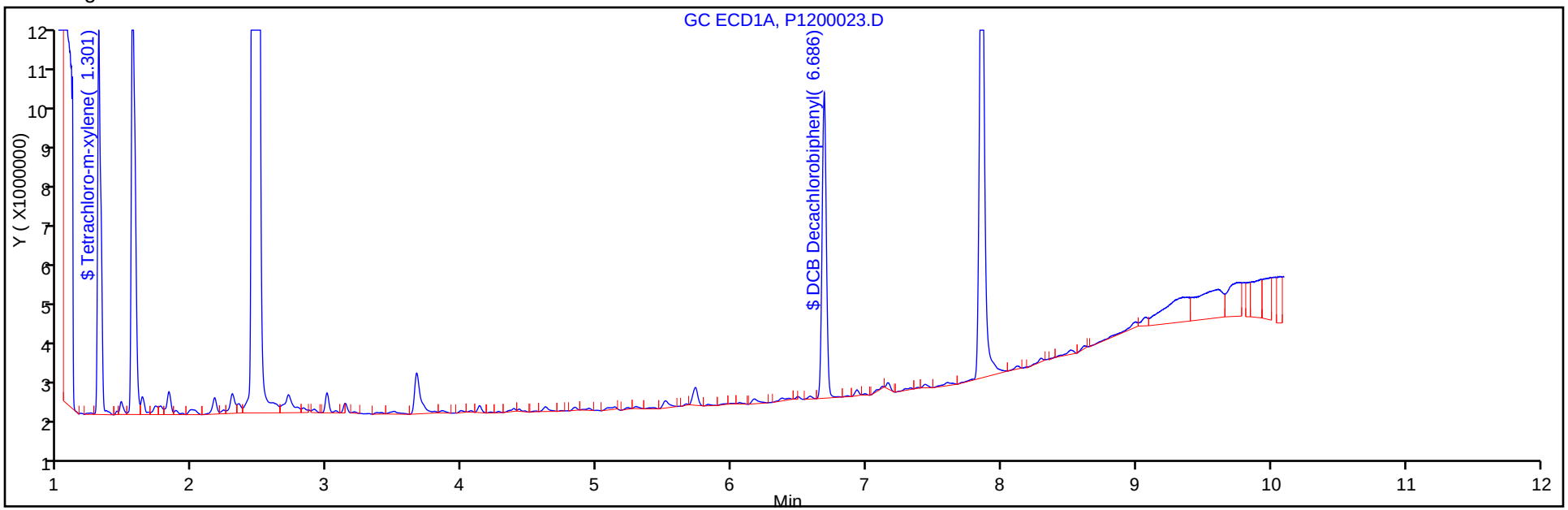
Report Date: 12-Apr-2013 08:13:54 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

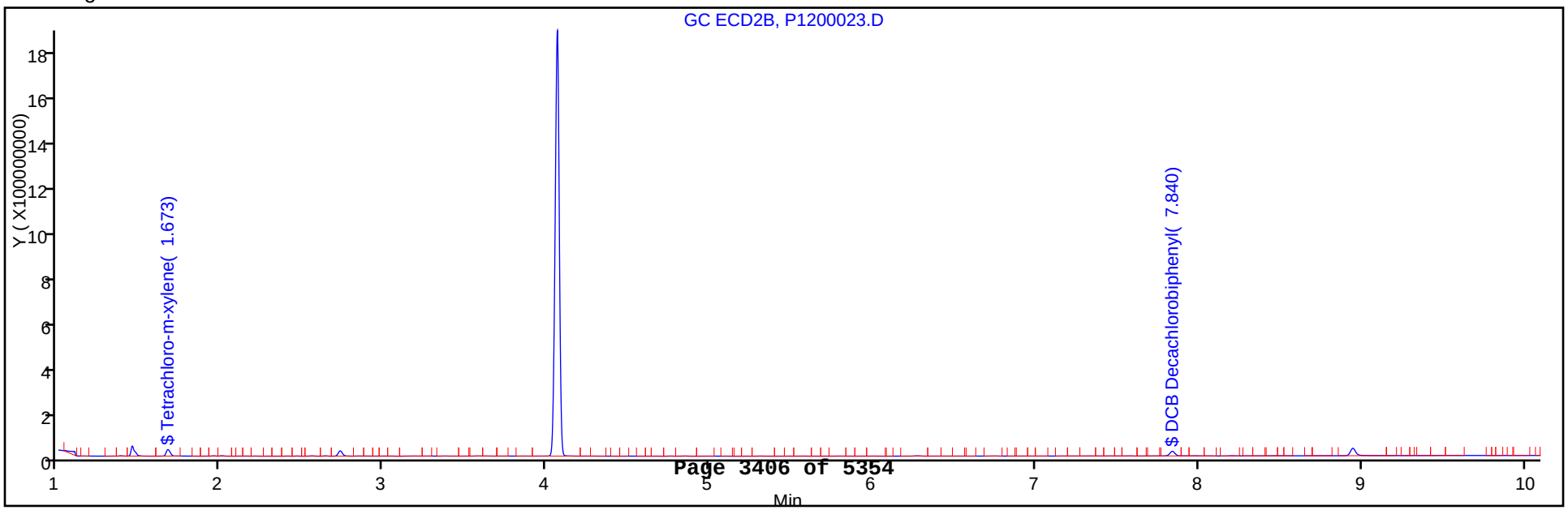
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Injection Date:	11-Apr-2013 13:13:02	Limit Group:	GC 8082A ICAL
Client ID:	079SB-0071M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81439	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 079SB-0074M-0001-SO | Lab Sample ID: 240-22648-40

Matrix: Solid | Lab File ID: P1200024.D

Analysis Method: 8082/DOD | Date Collected: 03/28/2013 17:20

Extraction Method: 3540C | Date Extracted: 04/08/2013 11:10

Sample wt/vol: 29.61(g) | Date Analyzed: 04/11/2013 13:27

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

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

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

Analysis Batch No.: 81439 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	51	25	16
12674-11-2	Aroclor-1016	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	70		40-140
2051-24-3	DCB Decachlorobiphenyl	66		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200024.D		
Lims ID:	240-22648-G-40-C	Client ID:	079SB-0074M-0001-SO
Inject. Date:	11-Apr-2013 13:27:42	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018757-024		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	24
Lims Batch ID:	81439	Lims Sample ID:	24
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130411-18757.b\PCB12.m		
Last Update:	12-Apr-2013 08:13:51	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK025		

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.301	1.300	0.001	13689179	0.0140			
2	2	1.673	1.672	0.001	39121259	0.0147			
						RPD = 4.89			
3 PCB-1221									
1	2		1.435						
1	3		1.560						
1	4		1.577						
2	4		1.950						
2	5		2.082						
2	6		2.139						
6 PCB-1016									
1	100		1.578						
1	2		1.868						
1	3		2.268						
1	4		2.391						
1	5		2.776						
2	6		2.138						
2	7		2.538						
2	8		2.993						
2	9		3.133						
2	10		3.619						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.578						
1	2		1.869						
1	3		2.269						
1	4		2.392						
1	5		2.777						
2	6		2.139						
2	7		2.539						
2	8		2.995						
2	9		3.133						
2	10		3.620						
4 PCB-1232									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.778						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.134						
2	10		3.745						
7 PCB-1248									
1	86		1.867						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.796						
2	6		2.537						
2	7		2.993						
2	8		3.618						
2	9		4.062						
2	10		4.742						
8 PCB-1254									
1	100		3.407						
1	2		3.794						
1	3		4.077						
1	4		4.271						
1	5		4.552						
2	6		4.269						
2	7		4.742						
2	8		4.989						
2	9		5.347						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.984						
1	2		4.272						
1	3		4.550						
1	4		5.251						
1	5		5.533						
2	6		4.951						
2	7		5.183						
2	8		5.548						
2	9		6.233						
2	10		6.612						
$ 12 DCB Decachlorobiphenyl									
1	100	6.683	6.683	0.000	13404512	0.0131			
2	2	7.840	7.842	-0.002	33325796	0.0113			
						RPD = 15.38			

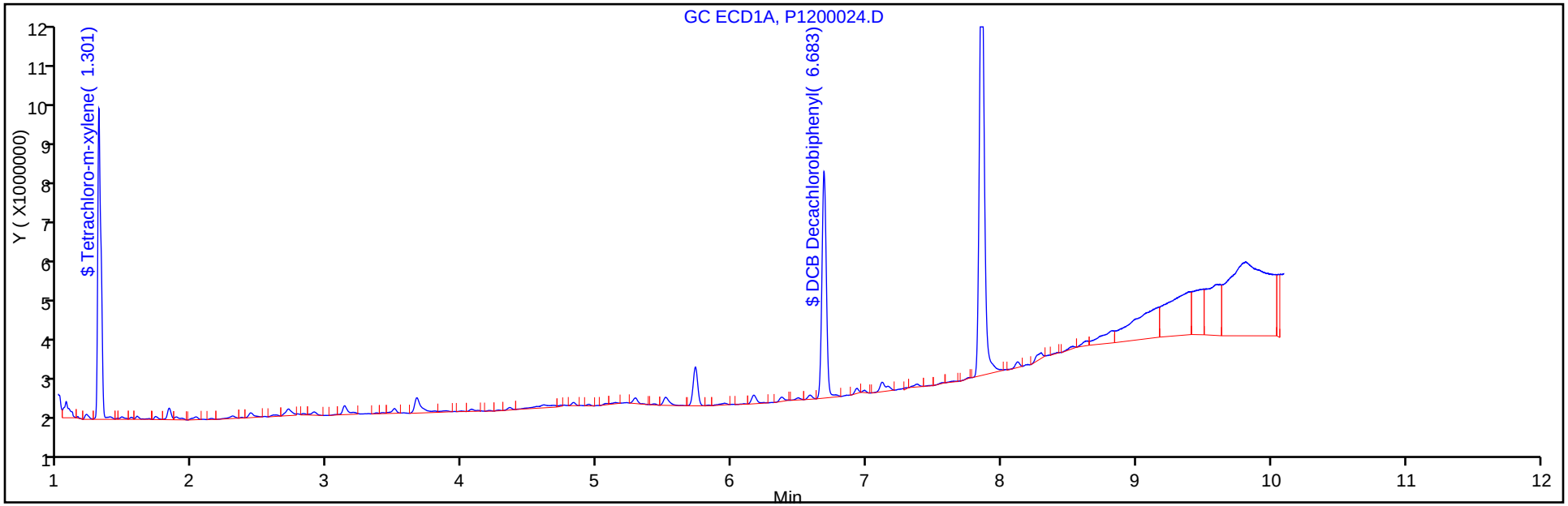
Report Date: 12-Apr-2013 08:13:54 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

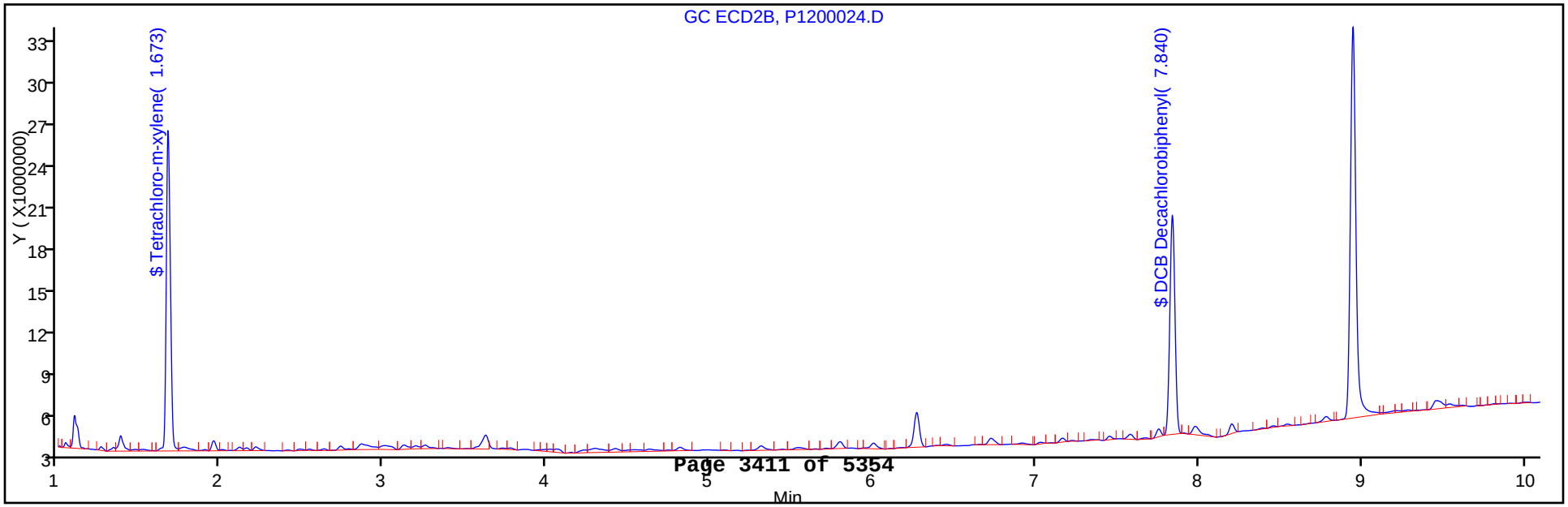
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Injection Date:	11-Apr-2013 13:27:42	Limit Group:	GC 8082A ICAL
Client ID:	079SB-0074M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81439	Lims Sample ID:	24
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 079SB-0074M-0001-SO Lab Sample ID: 240-22648-40

Matrix: Solid Lab File ID: P1200024.D

Analysis Method: 8082/DOD Date Collected: 03/28/2013 17:20

Extraction Method: 3540C Date Extracted: 04/08/2013 11:10

Sample wt/vol: 29.61(g) Date Analyzed: 04/11/2013 13:27

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

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

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

Analysis Batch No.: 81439 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	73		40-140
2051-24-3	DCB Decachlorobiphenyl	56	Q	60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200024.D		
Lims ID:	240-22648-G-40-C	Client ID:	079SB-0074M-0001-SO
Inject. Date:	11-Apr-2013 13:27:42	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018757-024		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	24
Lims Batch ID:	81439	Lims Sample ID:	24
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130411-18757.b\PCB12.m		
Last Update:	12-Apr-2013 08:13:51	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK025		

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.301	1.300	0.001	13689179	0.0140			
2	2	1.673	1.672	0.001	39121259	0.0147			
						RPD = 4.89			
3 PCB-1221									
1	2		1.435						
1	3		1.560						
1	4		1.577						
2	4		1.950						
2	5		2.082						
2	6		2.139						
6 PCB-1016									
1	100		1.578						
1	2		1.868						
1	3		2.268						
1	4		2.391						
1	5		2.776						
2	6		2.138						
2	7		2.538						
2	8		2.993						
2	9		3.133						
2	10		3.619						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.578						
1	2		1.869						
1	3		2.269						
1	4		2.392						
1	5		2.777						
2	6		2.139						
2	7		2.539						
2	8		2.995						
2	9		3.133						
2	10		3.620						
4 PCB-1232									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.778						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.134						
2	10		3.745						
7 PCB-1248									
1	86		1.867						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.796						
2	6		2.537						
2	7		2.993						
2	8		3.618						
2	9		4.062						
2	10		4.742						
8 PCB-1254									
1	100		3.407						
1	2		3.794						
1	3		4.077						
1	4		4.271						
1	5		4.552						
2	6		4.269						
2	7		4.742						
2	8		4.989						
2	9		5.347						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.984						
1	2		4.272						
1	3		4.550						
1	4		5.251						
1	5		5.533						
2	6		4.951						
2	7		5.183						
2	8		5.548						
2	9		6.233						
2	10		6.612						
$ 12 DCB Decachlorobiphenyl									
1	100	6.683	6.683	0.000	13404512	0.0131			
2	2	7.840	7.842	-0.002	33325796	0.0113			
						RPD = 15.38			

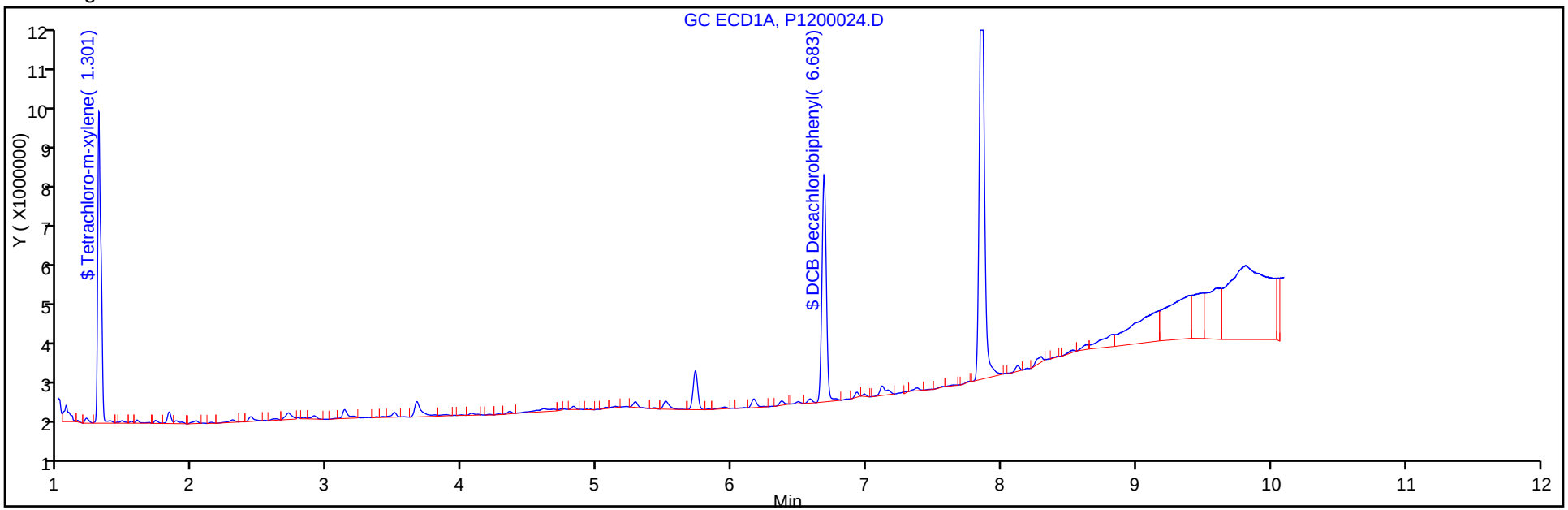
Report Date: 12-Apr-2013 08:13:54 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

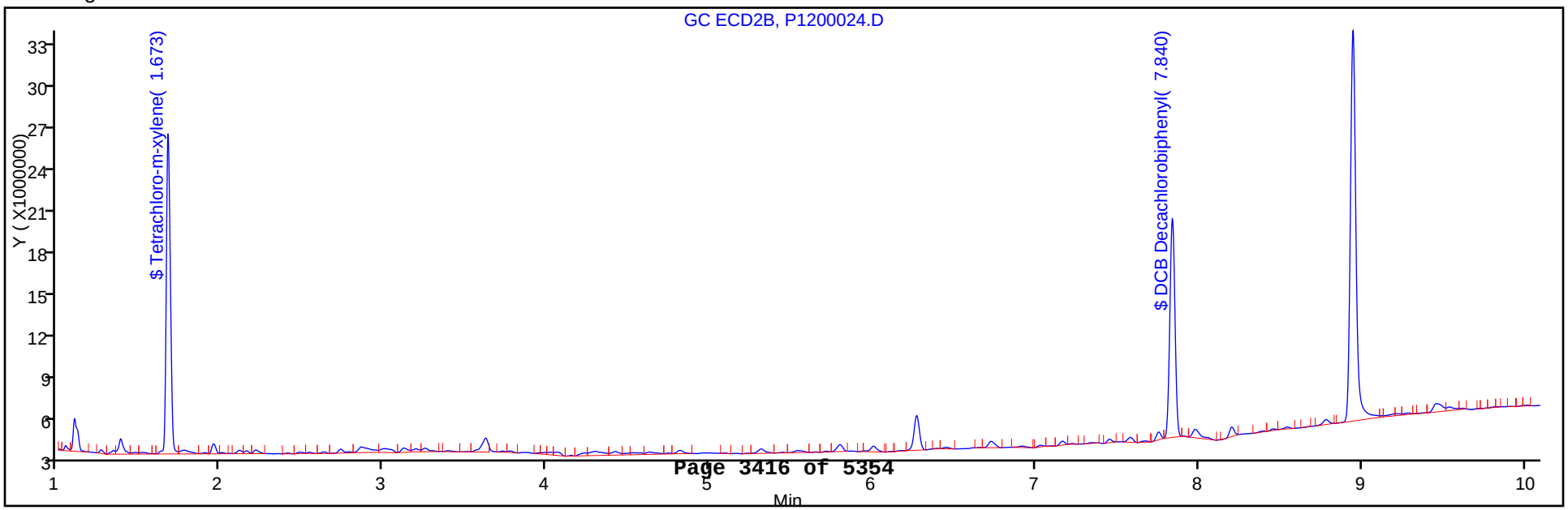
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Injection Date:	11-Apr-2013 13:27:42	Limit Group:	GC 8082A ICAL
Client ID:	079SB-0074M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81439	Lims Sample ID:	24
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0044M-0001-SO Lab Sample ID: 240-22648-41

Matrix: Solid Lab File ID: P1200011.D

Analysis Method: 8082/DOD Date Collected: 03/29/2013 10:21

Extraction Method: 3540C Date Extracted: 04/11/2013 11:52

Sample wt/vol: 29.75(g) Date Analyzed: 04/15/2013 11:57

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

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

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

Analysis Batch No.: 81867 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	77		40-140
2051-24-3	DCB Decachlorobiphenyl	74		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200011.D		
Lims ID:	240-22648-C-41-D	Client ID:	068SB-0044M-0001-SO
Inject. Date:	15-Apr-2013 11:57:13	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018856-011		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	11
Lims Batch ID:	81867	Lims Sample ID:	11
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m		
Last Update:	16-Apr-2013 09:17:58	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK021		

First Level Reviewer: hassl Date: 16-Apr-2013 09:08:40

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.305	1.300	0.005	15185281	0.0155			
2	2	1.671	1.671	0.000	46725753	0.0175			
						RPD = 12.26			
3 PCB-1221									1
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.579						
1	2		1.868						
1	3		2.268						
1	4		2.391						
1	5		2.776						
2	6		2.139						
2	7		2.539						
2	8		2.994						
2	9		3.133						
2	10		3.619						
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.984						
1	2		4.272						
1	3		4.551						
1	4		5.251						
1	5		5.533						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.233						
2	10		6.611						
$ 12 DCB Decachlorobiphenyl									
1	100	6.691	6.685	0.006	15055341	0.0148			
2	2	7.842	7.841	0.001	40643428	0.0137			
						RPD = 7.17			

QC Flag Legend

Processing Flags
1 - Missing Peaks

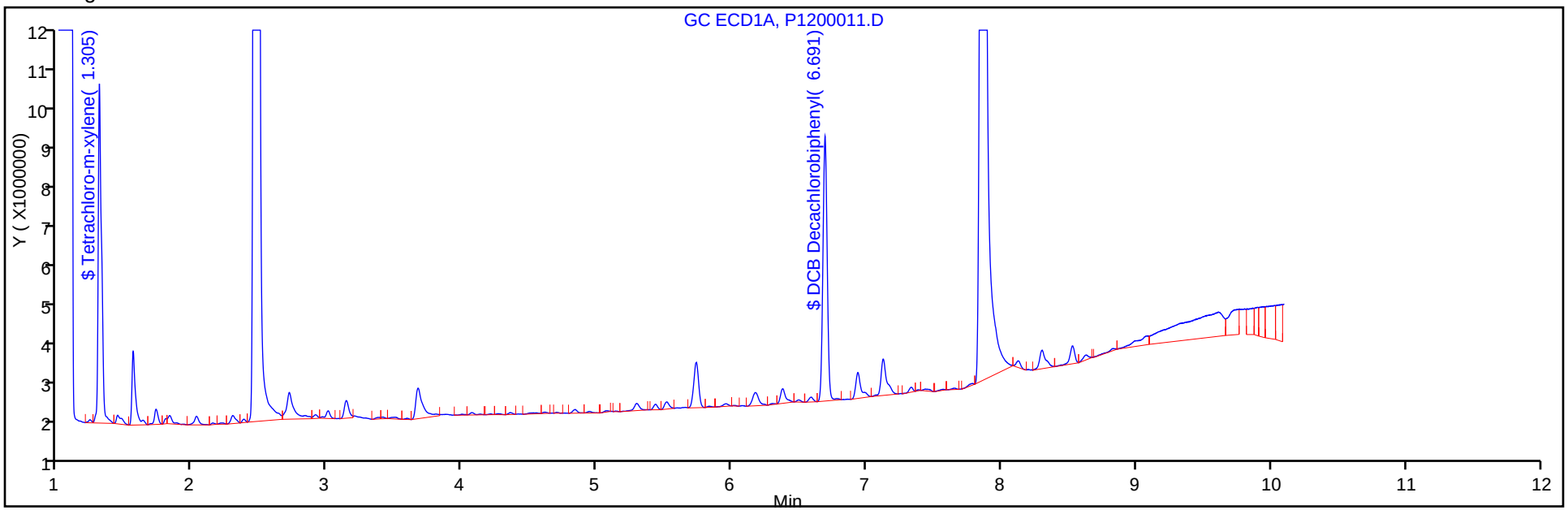
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TestAmerica Canton

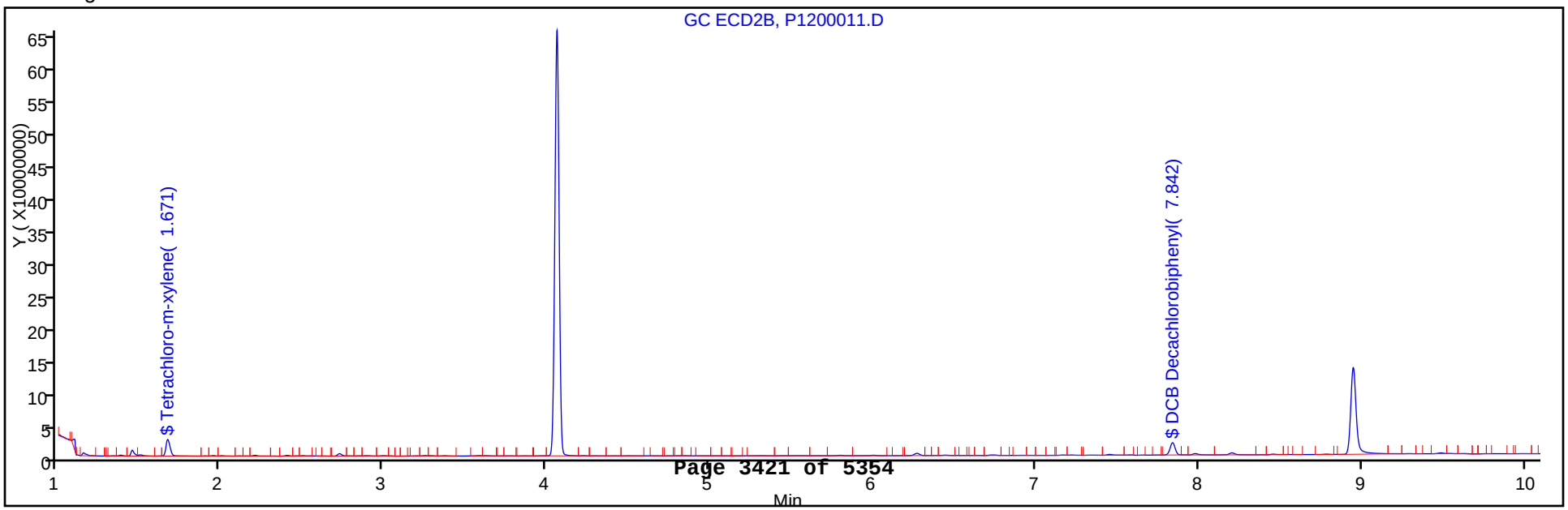
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Injection Date:	15-Apr-2013 11:57:13	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0044M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0044M-0001-SO | Lab Sample ID: 240-22648-41

Matrix: Solid | Lab File ID: P1200011.D

Analysis Method: 8082/DOD | Date Collected: 03/29/2013 10:21

Extraction Method: 3540C | Date Extracted: 04/11/2013 11:52

Sample wt/vol: 29.75(g) | Date Analyzed: 04/15/2013 11:57

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

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

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

Analysis Batch No.: 81867 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	50	25	16
12674-11-2	Aroclor-1016	25	U	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	88		40-140
2051-24-3	DCB Decachlorobiphenyl	69		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200011.D		
Lims ID:	240-22648-C-41-D	Client ID:	068SB-0044M-0001-SO
Inject. Date:	15-Apr-2013 11:57:13	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018856-011		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	11
Lims Batch ID:	81867	Lims Sample ID:	11
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m		
Last Update:	16-Apr-2013 09:17:58	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK021		

First Level Reviewer: hassl Date: 16-Apr-2013 09:08:40

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.305	1.300	0.005	15185281	0.0155			
2	2	1.671	1.671	0.000	46725753	0.0175			
						RPD = 12.26			
3 PCB-1221									1
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.579						
1	2		1.868						
1	3		2.268						
1	4		2.391						
1	5		2.776						
2	6		2.139						
2	7		2.539						
2	8		2.994						
2	9		3.133						
2	10		3.619						
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.984						
1	2		4.272						
1	3		4.551						
1	4		5.251						
1	5		5.533						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.233						
2	10		6.611						
$ 12 DCB Decachlorobiphenyl									
1	100	6.691	6.685	0.006	15055341	0.0148			
2	2	7.842	7.841	0.001	40643428	0.0137			
						RPD = 7.17			

QC Flag Legend

Processing Flags
1 - Missing Peaks

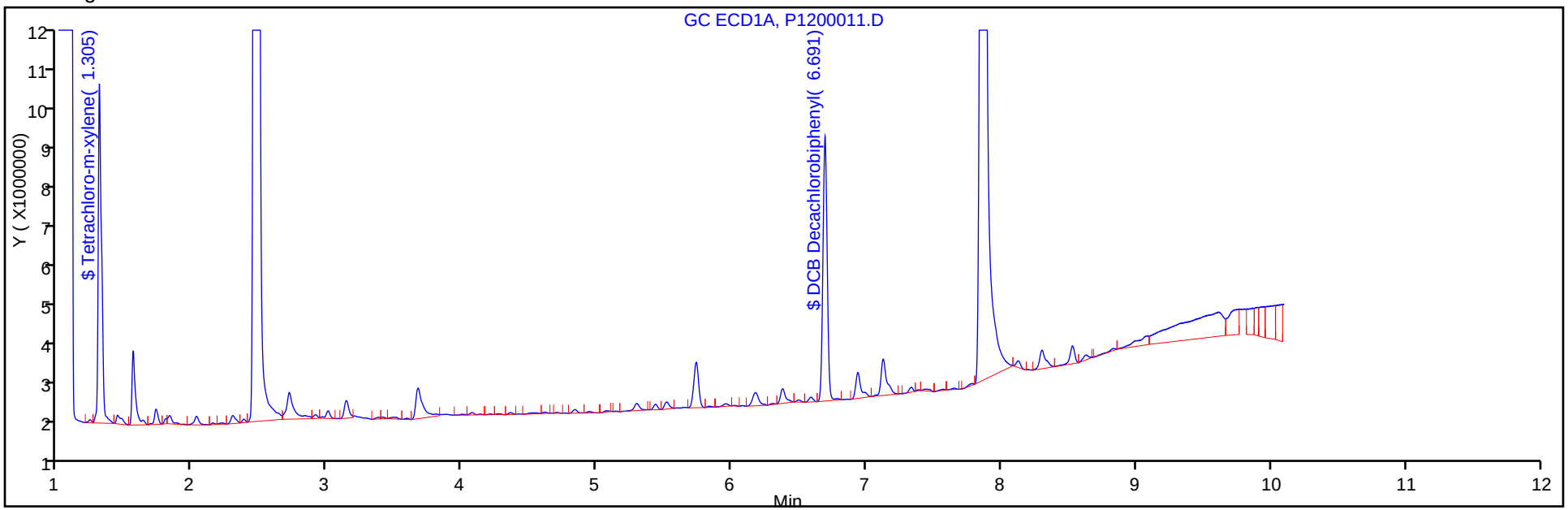
Report Date: 16-Apr-2013 09:18:00 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

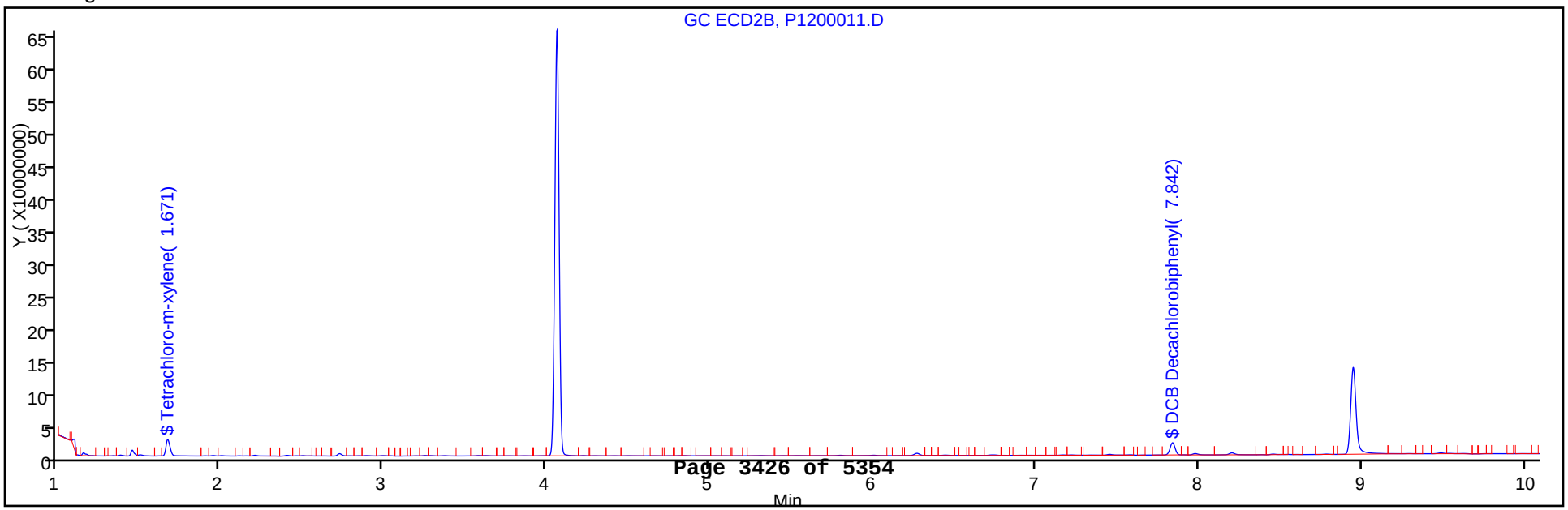
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Injection Date:	15-Apr-2013 11:57:13	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0044M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0045M-0001-SO Lab Sample ID: 240-22648-42

Matrix: Solid Lab File ID: P1200012.D

Analysis Method: 8082/DOD Date Collected: 03/29/2013 10:23

Extraction Method: 3540C Date Extracted: 04/11/2013 11:52

Sample wt/vol: 29.62(g) Date Analyzed: 04/15/2013 12:11

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.: 81867 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	75		40-140
2051-24-3	DCB Decachlorobiphenyl	76		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200012.D		
Lims ID:	240-22648-C-42-D	Client ID:	068SB-0045M-0001-SO
Inject. Date:	15-Apr-2013 12:11:46	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018856-012		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	12
Lims Batch ID:	81867	Lims Sample ID:	12
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m		
Last Update:	16-Apr-2013 09:17:58	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK021		

First Level Reviewer: hassl Date: 16-Apr-2013 09:08:48

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.300	0.000	14654010	0.0149			
2	2	1.672	1.671	0.001	45865111	0.0172			
						RPD = 13.96			
3 PCB-1221									1
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.579						
1	2		1.868						
1	3		2.268						
1	4		2.391						
1	5		2.776						
2	6		2.139						
2	7		2.539						
2	8		2.994						
2	9		3.133						
2	10		3.619						
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.984						
1	2		4.272						
1	3		4.551						
1	4		5.251						
1	5		5.533						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.233						
2	10		6.611						
$ 12 DCB Decachlorobiphenyl									
1	100	6.685	6.685	0.000	15526323	0.0152			
2	2	7.841	7.841	0.000	43336105	0.0146			
						RPD = 3.84			

QC Flag Legend

Processing Flags
1 - Missing Peaks

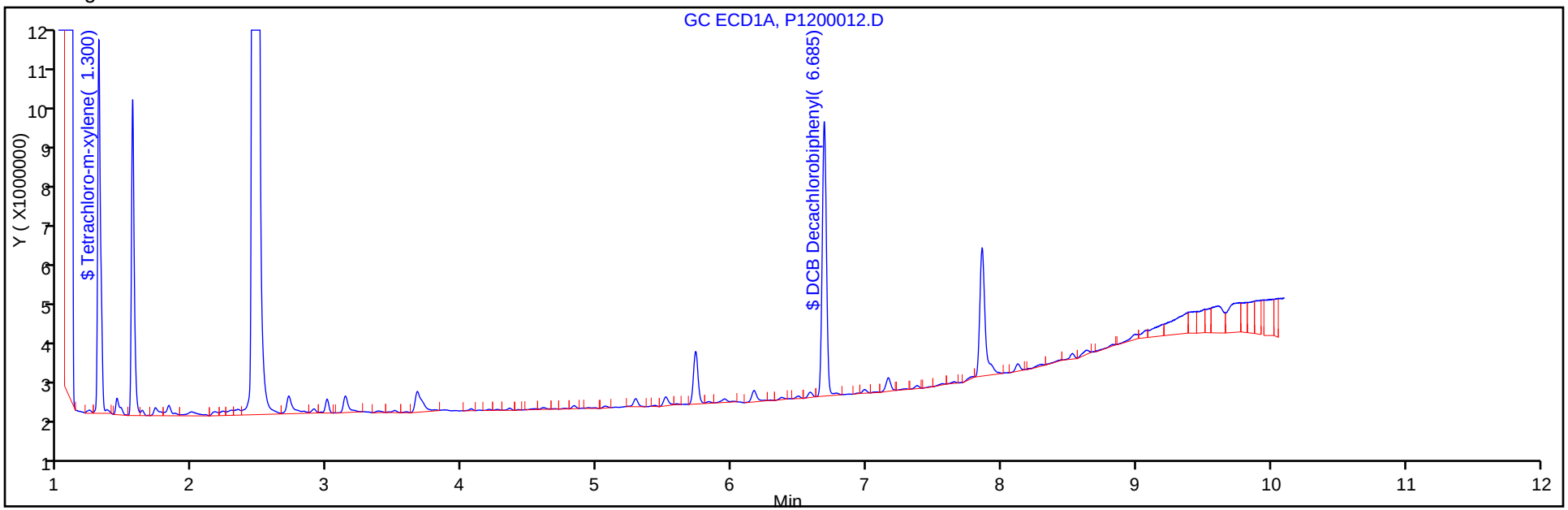
Report Date: 16-Apr-2013 09:18:01 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

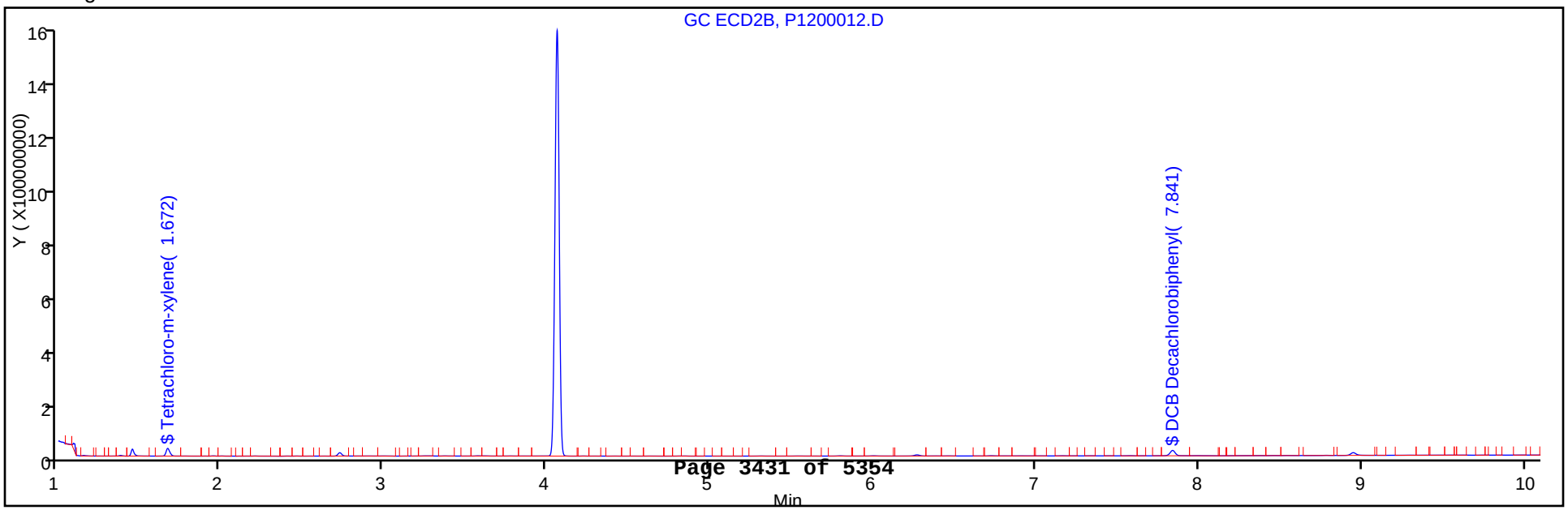
Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200012.D

Injection Date:	15-Apr-2013 12:11:46	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0045M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	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:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0045M-0001-SO | Lab Sample ID: 240-22648-42

Matrix: Solid | Lab File ID: P1200012.D

Analysis Method: 8082/DOD | Date Collected: 03/29/2013 10:23

Extraction Method: 3540C | Date Extracted: 04/11/2013 11:52

Sample wt/vol: 29.62(g) | Date Analyzed: 04/15/2013 12:11

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.: 81867 | 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	86		40-140
2051-24-3	DCB Decachlorobiphenyl	73		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200012.D		
Lims ID:	240-22648-C-42-D	Client ID:	068SB-0045M-0001-SO
Inject. Date:	15-Apr-2013 12:11:46	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018856-012		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	12
Lims Batch ID:	81867	Lims Sample ID:	12
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m		
Last Update:	16-Apr-2013 09:17:58	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK021		

First Level Reviewer: hassl Date: 16-Apr-2013 09:08:48

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.300	0.000	14654010	0.0149			
2	2	1.672	1.671	0.001	45865111	0.0172			
						RPD = 13.96			
3 PCB-1221									1
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.579						
1	2		1.868						
1	3		2.268						
1	4		2.391						
1	5		2.776						
2	6		2.139						
2	7		2.539						
2	8		2.994						
2	9		3.133						
2	10		3.619						
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.984						
1	2		4.272						
1	3		4.551						
1	4		5.251						
1	5		5.533						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.233						
2	10		6.611						
$ 12 DCB Decachlorobiphenyl									
1	100	6.685	6.685	0.000	15526323	0.0152			
2	2	7.841	7.841	0.000	43336105	0.0146			
						RPD = 3.84			

QC Flag Legend

Processing Flags
1 - Missing Peaks

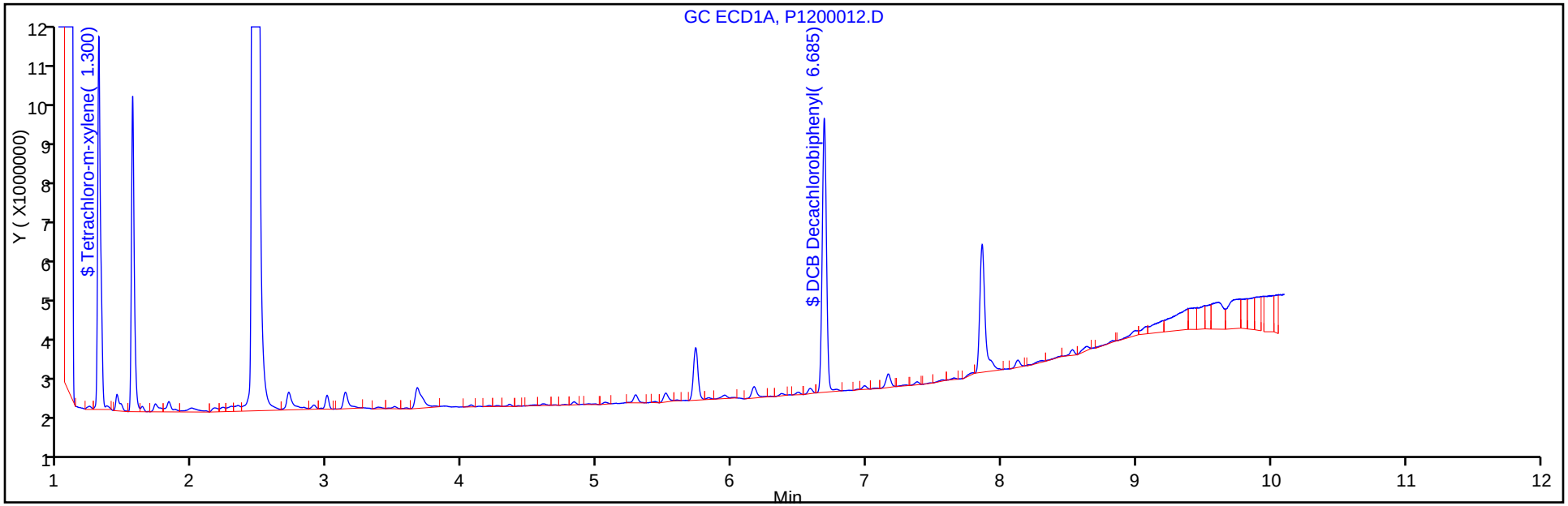
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TestAmerica Canton

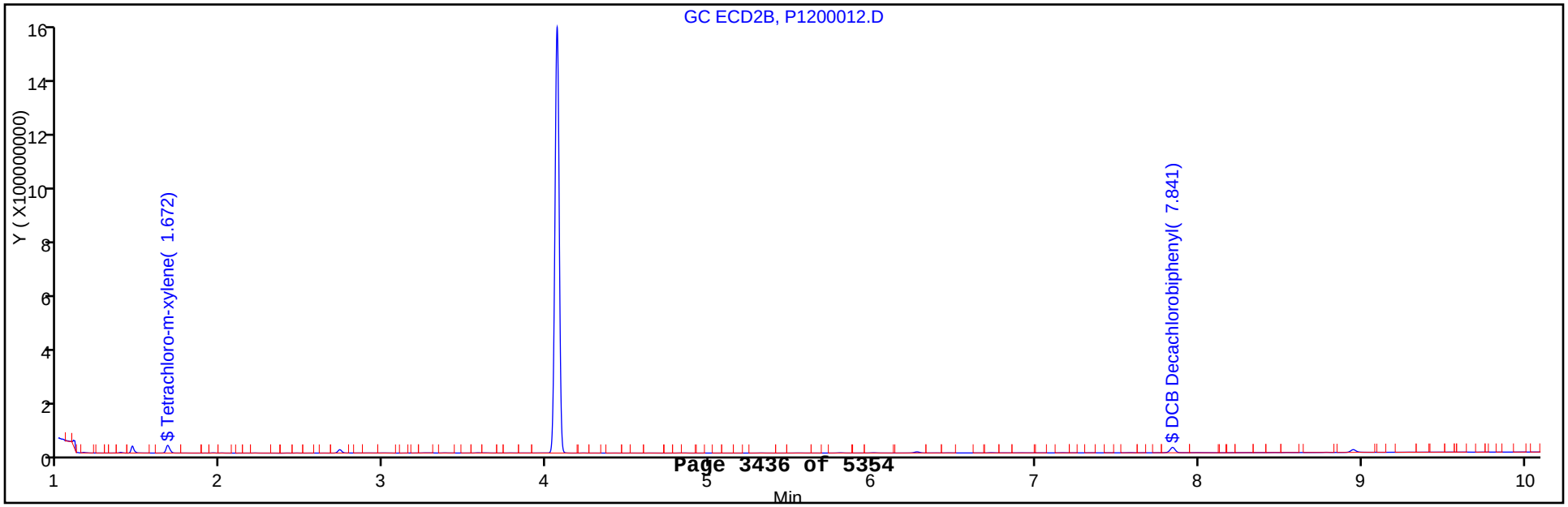
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Injection Date:	15-Apr-2013 12:11:46	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0045M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0046M-0001-SO | Lab Sample ID: 240-22648-43

Matrix: Solid | Lab File ID: P1200025.D

Analysis Method: 8082/DOD | Date Collected: 03/29/2013 09:37

Extraction Method: 3540C | Date Extracted: 04/08/2013 11:10

Sample wt/vol: 29.61(g) | Date Analyzed: 04/11/2013 13:42

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

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

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

Analysis Batch No.: 81439 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	51	25	16
12674-11-2	Aroclor-1016	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	102		40-140
2051-24-3	DCB Decachlorobiphenyl	99		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200025.D		
Lims ID:	240-22648-G-43-C	Client ID:	068SB-0046M-0001-SO
Inject. Date:	11-Apr-2013 13:42:21	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018757-025		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	25
Lims Batch ID:	81439	Lims Sample ID:	25
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130411-18757.b\PCB12.m		
Last Update:	12-Apr-2013 08:13:51	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK025		

First Level Reviewer: hassl Date: 12-Apr-2013 08:10:32

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.300	0.000	19949827	0.0203			
2	2	1.673	1.672	0.001	56919114	0.0213			
						RPD = 4.72			
3 PCB-1221									1
1	2		1.435						
1	3		1.560						
1	4		1.577						
2	4		1.950						
2	5		2.082						
2	6		2.139						
6 PCB-1016									
1	100		1.578						
1	2		1.868						
1	3		2.268						
1	4		2.391						
1	5		2.776						
2	6		2.138						
2	7		2.538						
2	8		2.993						
2	9		3.133						
2	10		3.619						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.578						
1	2		1.869						
1	3		2.269						
1	4		2.392						
1	5		2.777						
2	6		2.139						
2	7		2.539						
2	8		2.995						
2	9		3.133						
2	10		3.620						
4 PCB-1232									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.778						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.134						
2	10		3.745						
7 PCB-1248									
1	86		1.867						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.796						
2	6		2.537						
2	7		2.993						
2	8		3.618						
2	9		4.062						
2	10		4.742						
8 PCB-1254									
1	100		3.407						
1	2		3.794						
1	3		4.077						
1	4		4.271						
1	5		4.552						
2	6		4.269						
2	7		4.742						
2	8		4.989						
2	9		5.347						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.984						
1	2		4.272						
1	3		4.550						
1	4		5.251						
1	5		5.533						
2	6		4.951						
2	7		5.183						
2	8		5.548						
2	9		6.233						
2	10		6.612						
9 PCB-1262									
1	100		3.985						
1	2		4.274						
1	3		4.677						
1	4		5.252						
1	5		5.582						
2	6		5.182						
2	7		5.652						
2	8		5.957						
2	9		6.234						
2	10		6.611						
11 PCB-1268									
1	100		5.581						
1	2		5.619						
1	3		5.817						
1	4		6.192						
1	5		6.489						
2	6		6.609						
2	7		6.656						
2	8		6.918						
2	9		7.232						
2	10		7.574						
$ 12 DCB Decachlorobiphenyl									
1	100	6.684	6.683	0.001	20104613	0.0197			
2	2	7.841	7.842	-0.001	53110380	0.0180			
						RPD = 9.33			

QC Flag Legend

Processing Flags
1 - Missing Peaks

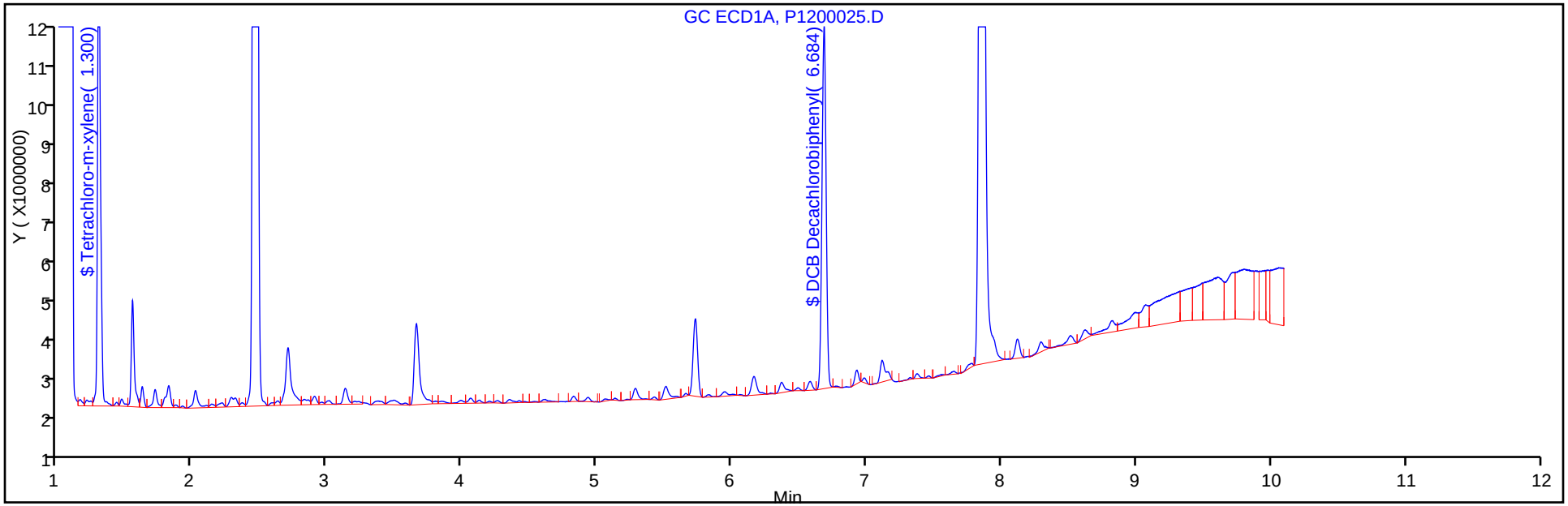
Report Date: 12-Apr-2013 08:13:55 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

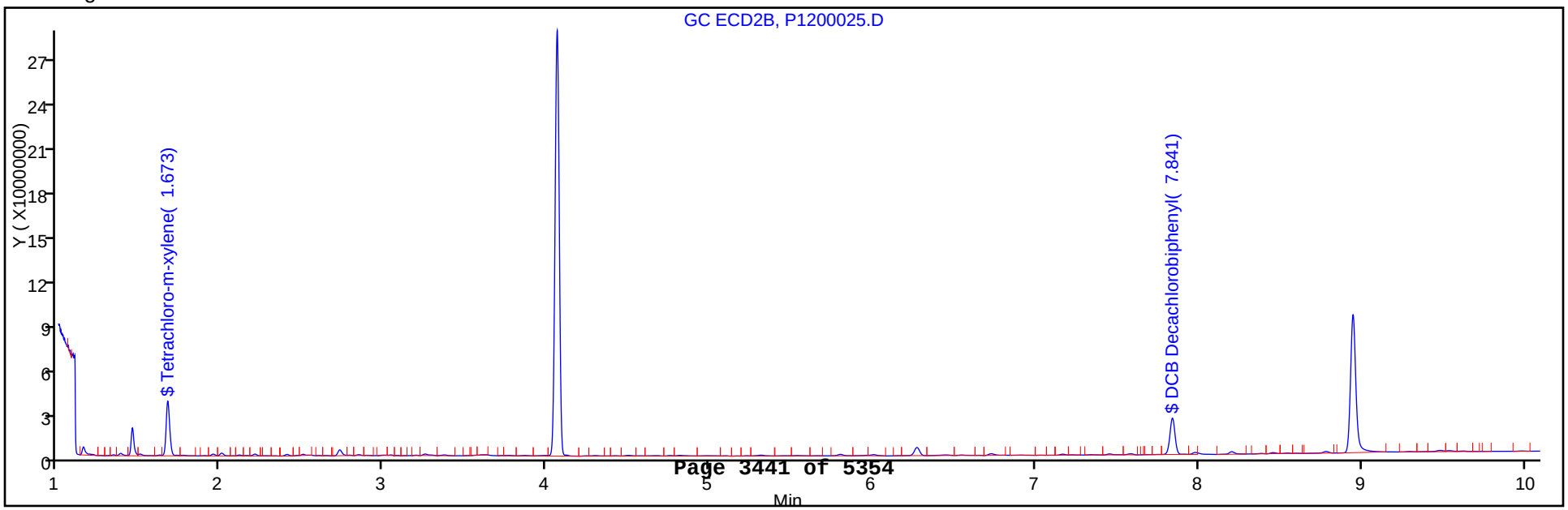
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Injection Date:	11-Apr-2013 13:42:21	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0046M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81439	Lims Sample ID:	25
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0046M-0001-SO Lab Sample ID: 240-22648-43

Matrix: Solid Lab File ID: P1200025.D

Analysis Method: 8082/DOD Date Collected: 03/29/2013 09:37

Extraction Method: 3540C Date Extracted: 04/08/2013 11:10

Sample wt/vol: 29.61(g) Date Analyzed: 04/11/2013 13:42

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

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

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

Analysis Batch No.: 81439 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	107		40-140
2051-24-3	DCB Decachlorobiphenyl	90		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200025.D		
Lims ID:	240-22648-G-43-C	Client ID:	068SB-0046M-0001-SO
Inject. Date:	11-Apr-2013 13:42:21	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018757-025		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	25
Lims Batch ID:	81439	Lims Sample ID:	25
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130411-18757.b\PCB12.m		
Last Update:	12-Apr-2013 08:13:51	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK025		

First Level Reviewer: hassl Date: 12-Apr-2013 08:10:32

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.300	0.000	19949827	0.0203			
2	2	1.673	1.672	0.001	56919114	0.0213			
						RPD = 4.72			
3 PCB-1221									1
1	2		1.435						
1	3		1.560						
1	4		1.577						
2	4		1.950						
2	5		2.082						
2	6		2.139						
6 PCB-1016									
1	100		1.578						
1	2		1.868						
1	3		2.268						
1	4		2.391						
1	5		2.776						
2	6		2.138						
2	7		2.538						
2	8		2.993						
2	9		3.133						
2	10		3.619						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.578						
1	2		1.869						
1	3		2.269						
1	4		2.392						
1	5		2.777						
2	6		2.139						
2	7		2.539						
2	8		2.995						
2	9		3.133						
2	10		3.620						
4 PCB-1232									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.778						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.134						
2	10		3.745						
7 PCB-1248									
1	86		1.867						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.796						
2	6		2.537						
2	7		2.993						
2	8		3.618						
2	9		4.062						
2	10		4.742						
8 PCB-1254									
1	100		3.407						
1	2		3.794						
1	3		4.077						
1	4		4.271						
1	5		4.552						
2	6		4.269						
2	7		4.742						
2	8		4.989						
2	9		5.347						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.984						
1	2		4.272						
1	3		4.550						
1	4		5.251						
1	5		5.533						
2	6		4.951						
2	7		5.183						
2	8		5.548						
2	9		6.233						
2	10		6.612						
9 PCB-1262									
1	100		3.985						
1	2		4.274						
1	3		4.677						
1	4		5.252						
1	5		5.582						
2	6		5.182						
2	7		5.652						
2	8		5.957						
2	9		6.234						
2	10		6.611						
11 PCB-1268									
1	100		5.581						
1	2		5.619						
1	3		5.817						
1	4		6.192						
1	5		6.489						
2	6		6.609						
2	7		6.656						
2	8		6.918						
2	9		7.232						
2	10		7.574						
$ 12 DCB Decachlorobiphenyl									
1	100	6.684	6.683	0.001	20104613	0.0197			
2	2	7.841	7.842	-0.001	53110380	0.0180			
						RPD = 9.33			

QC Flag Legend

Processing Flags
1 - Missing Peaks

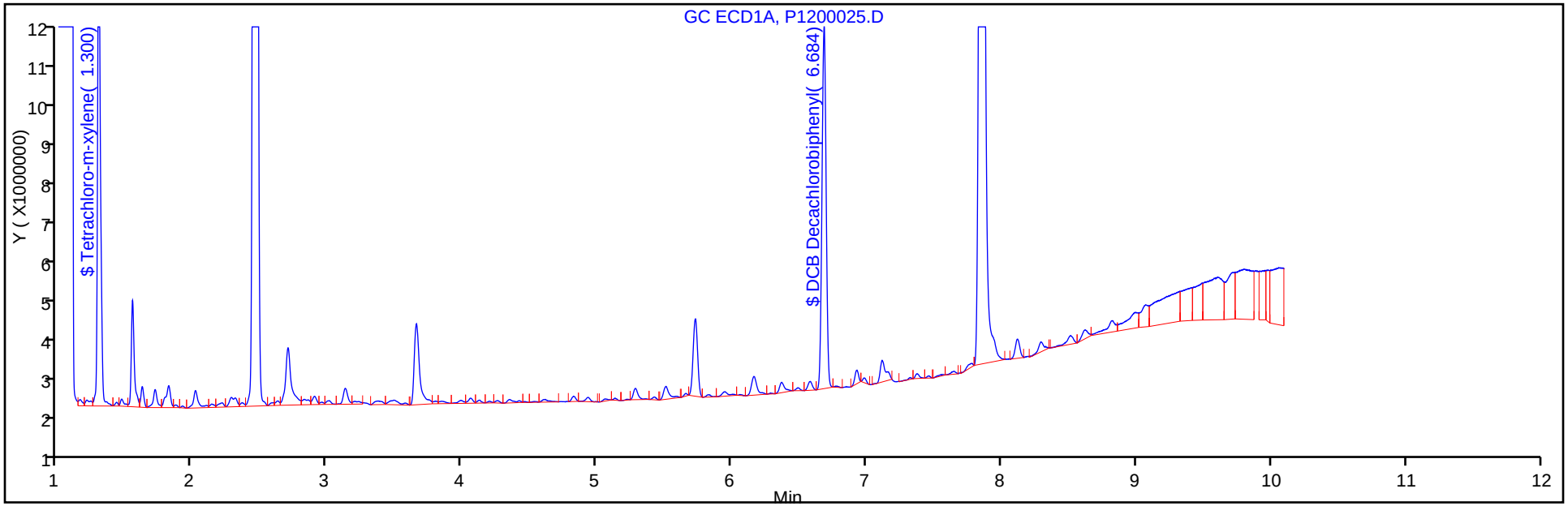
Report Date: 12-Apr-2013 08:13:55 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

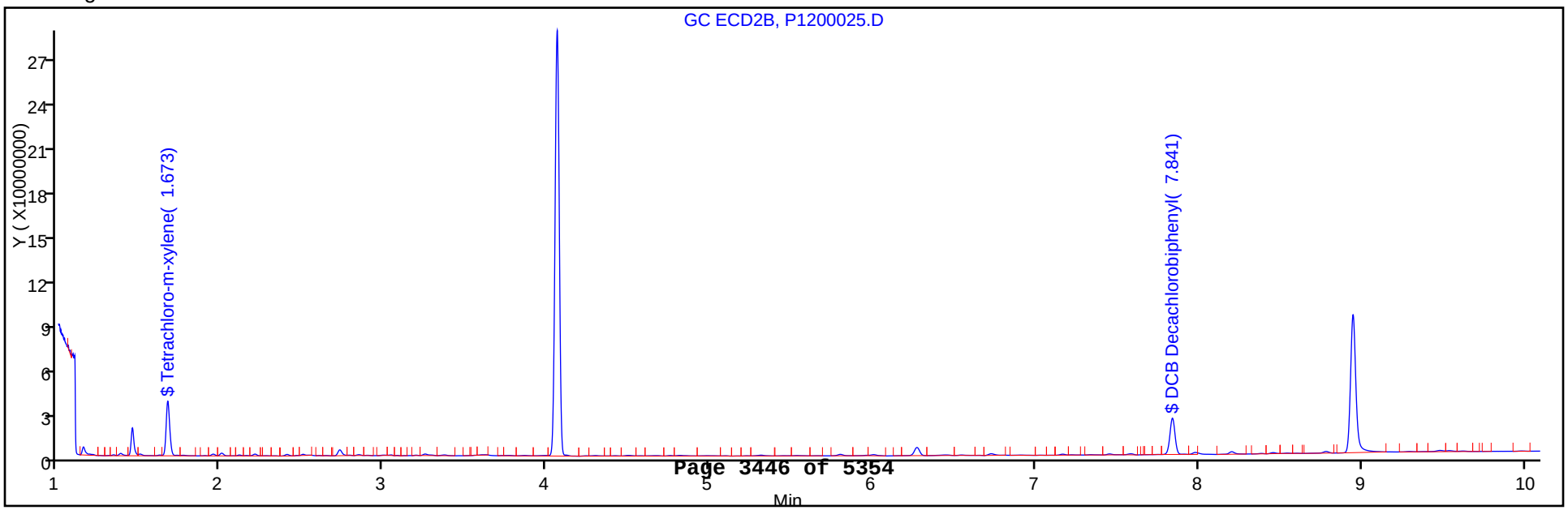
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Injection Date:	11-Apr-2013 13:42:21	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0046M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81439	Lims Sample ID:	25
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0047M-0001-SO Lab Sample ID: 240-22648-44

Matrix: Solid Lab File ID: P1200013.D

Analysis Method: 8082/DOD Date Collected: 03/29/2013 10:25

Extraction Method: 3540C Date Extracted: 04/11/2013 11:52

Sample wt/vol: 29.54(g) Date Analyzed: 04/15/2013 12:25

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

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

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

Analysis Batch No.: 81867 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	73		40-140
2051-24-3	DCB Decachlorobiphenyl	68		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200013.D		
Lims ID:	240-22648-C-44-D	Client ID:	068SB-0047M-0001-SO
Inject. Date:	15-Apr-2013 12:25:52	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018856-013		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	13
Lims Batch ID:	81867	Lims Sample ID:	13
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m		
Last Update:	16-Apr-2013 09:17:58	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK021		

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.299	1.300	-0.001	14346692	0.0146			
2	2	1.673	1.671	0.002	42117735	0.0158			
						RPD = 7.57			
3 PCB-1221									1
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									1
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6	PCB-1016								1
1	100		1.579						
1	2		1.868						
1	3		2.268						
1	4		2.391						
1	5		2.776						
2	6		2.139						
2	7		2.539						
2	8		2.994						
2	9		3.133						
2	10		3.619						
5	PCB-1242								1
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
7	PCB-1248								1
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8	PCB-1254								1
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.984						
1	2		4.272						
1	3		4.551						
1	4		5.251						
1	5		5.533						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.233						
2	10		6.611						
$ 12 DCB Decachlorobiphenyl									
1	100	6.684	6.685	-0.001	13959836	0.0137			
2	2	7.841	7.841	0.000	39086601	0.0132			
						RPD = 3.52			

QC Flag Legend

Processing Flags
1 - Missing Peaks

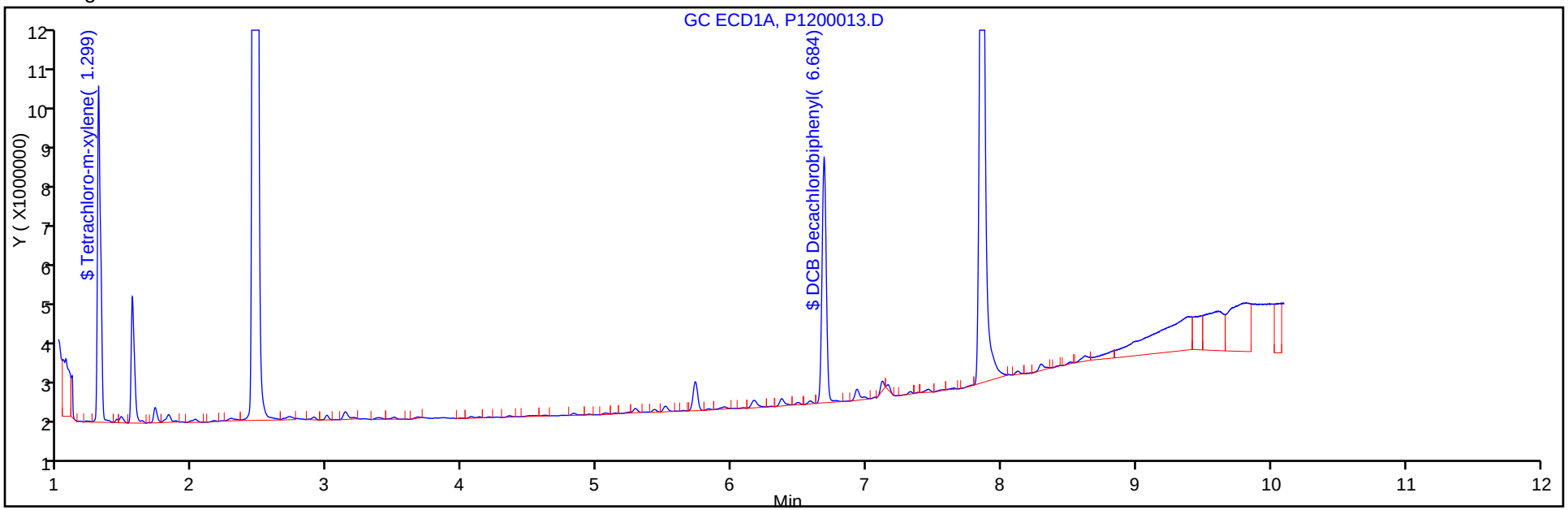
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TestAmerica Canton

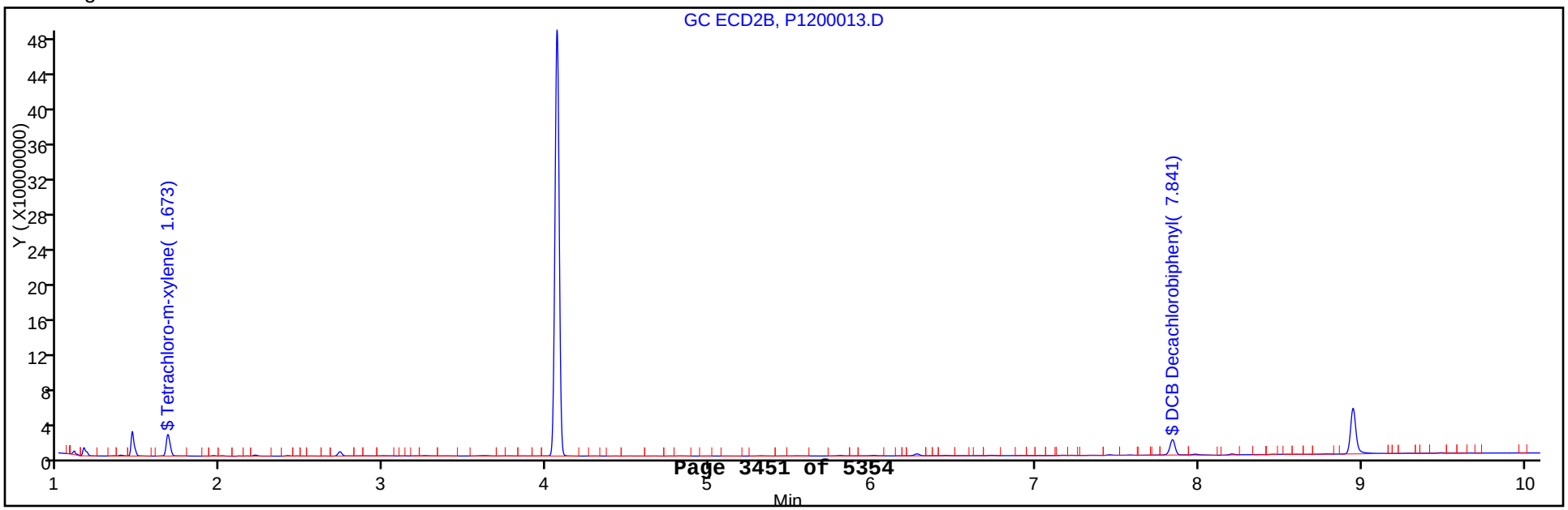
Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200013.D

Injection Date:	15-Apr-2013 12:25:52	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0047M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	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:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0047M-0001-SO | Lab Sample ID: 240-22648-44

Matrix: Solid | Lab File ID: P1200013.D

Analysis Method: 8082/DOD | Date Collected: 03/29/2013 10:25

Extraction Method: 3540C | Date Extracted: 04/11/2013 11:52

Sample wt/vol: 29.54(g) | Date Analyzed: 04/15/2013 12:25

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

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

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

Analysis Batch No.: 81867 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	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	79		40-140
2051-24-3	DCB Decachlorobiphenyl	66		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200013.D
Lims ID: 240-22648-C-44-D
Client ID: 068SB-0047M-0001-SO
Inject. Date: 15-Apr-2013 12:25:52
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0018856-013
Misc. Info.:
Operator:
Instrument ID: A2HP12
Injection Vol: 1.0 uL
ALS Bottle#: 13
Lims Batch ID: 81867
Lims Sample ID: 13
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m
Last Update: 16-Apr-2013 09:17:58
Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK021

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.299	1.300	-0.001	14346692	0.0146			
2	2	1.673	1.671	0.002	42117735	0.0158			
						RPD = 7.57			
3 PCB-1221									1
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									1
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6	PCB-1016								1
1	100		1.579						
1	2		1.868						
1	3		2.268						
1	4		2.391						
1	5		2.776						
2	6		2.139						
2	7		2.539						
2	8		2.994						
2	9		3.133						
2	10		3.619						
5	PCB-1242								1
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
7	PCB-1248								1
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8	PCB-1254								1
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.984						
1	2		4.272						
1	3		4.551						
1	4		5.251						
1	5		5.533						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.233						
2	10		6.611						
$ 12 DCB Decachlorobiphenyl									
1	100	6.684	6.685	-0.001	13959836	0.0137			
2	2	7.841	7.841	0.000	39086601	0.0132			
						RPD = 3.52			

QC Flag Legend

Processing Flags
1 - Missing Peaks

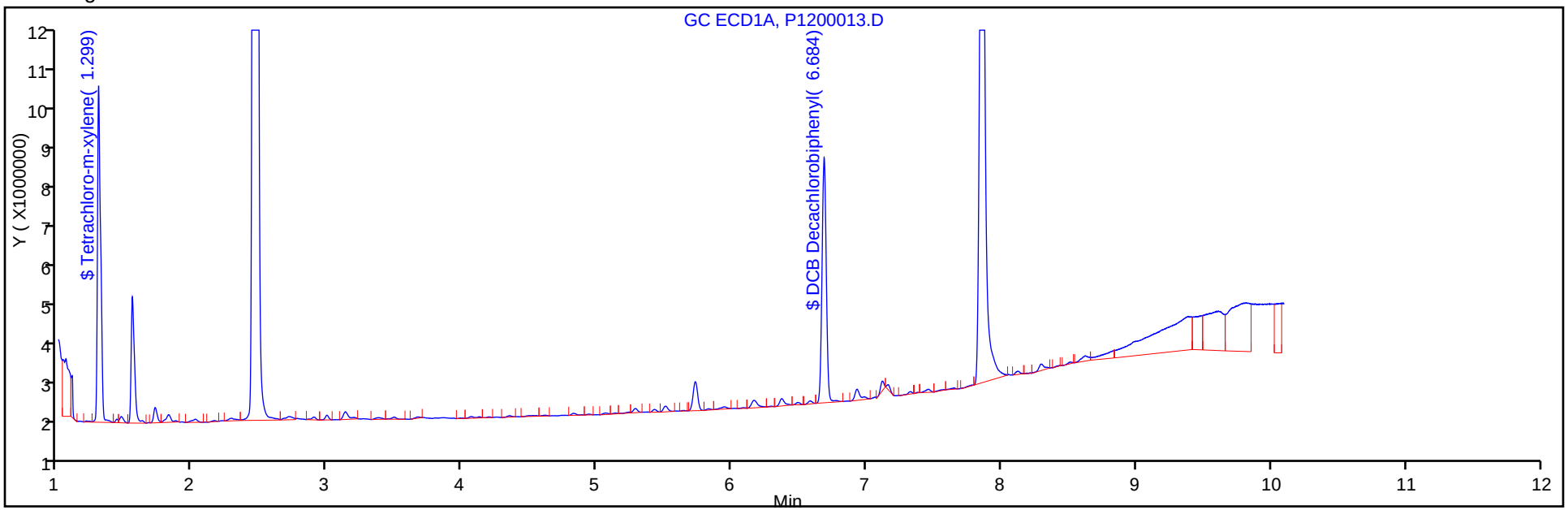
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TestAmerica Canton

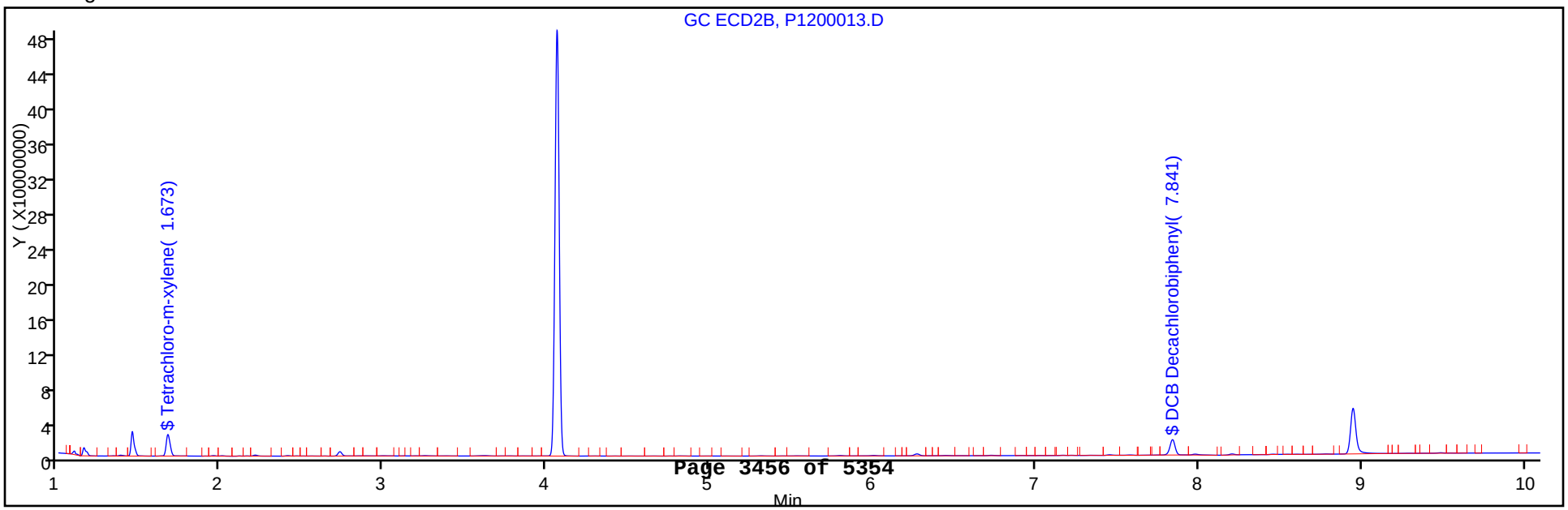
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Injection Date:	15-Apr-2013 12:25:52	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0047M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	13
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0048M-0001-SO Lab Sample ID: 240-22648-45

Matrix: Solid Lab File ID: P1200014.D

Analysis Method: 8082/DOD Date Collected: 03/29/2013 10:07

Extraction Method: 3540C Date Extracted: 04/11/2013 11:52

Sample wt/vol: 29.81(g) Date Analyzed: 04/15/2013 12:40

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

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

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

Analysis Batch No.: 81867 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	63		40-140
2051-24-3	DCB Decachlorobiphenyl	76		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200014.D		
Lims ID:	240-22648-C-45-E	Client ID:	068SB-0048M-0001-SO
Inject. Date:	15-Apr-2013 12:40:31	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018856-014		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	14
Lims Batch ID:	81867	Lims Sample ID:	14
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m		
Last Update:	16-Apr-2013 09:17:58	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK021		

First Level Reviewer: hassl Date: 16-Apr-2013 09:17:30

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	1.300	0.001	12401435	0.0126			
2	2	1.672	1.671	0.001	38984479	0.0146			
						RPD = 14.39			
3 PCB-1221									1
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.579						
1	2		1.868						
1	3		2.268						
1	4		2.391						
1	5		2.776						
2	6		2.139						
2	7		2.539						
2	8		2.994						
2	9		3.133						
2	10		3.619						
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.984						
1	2		4.272						
1	3		4.551						
1	4		5.251						
1	5		5.533						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.233						
2	10		6.611						
$ 12 DCB Decachlorobiphenyl									
1	100	6.685	6.685	0.000	15563462	0.0153			
2	2	7.842	7.841	0.001	43297233	0.0146			
						RPD = 4.17			

QC Flag Legend

Processing Flags
1 - Missing Peaks

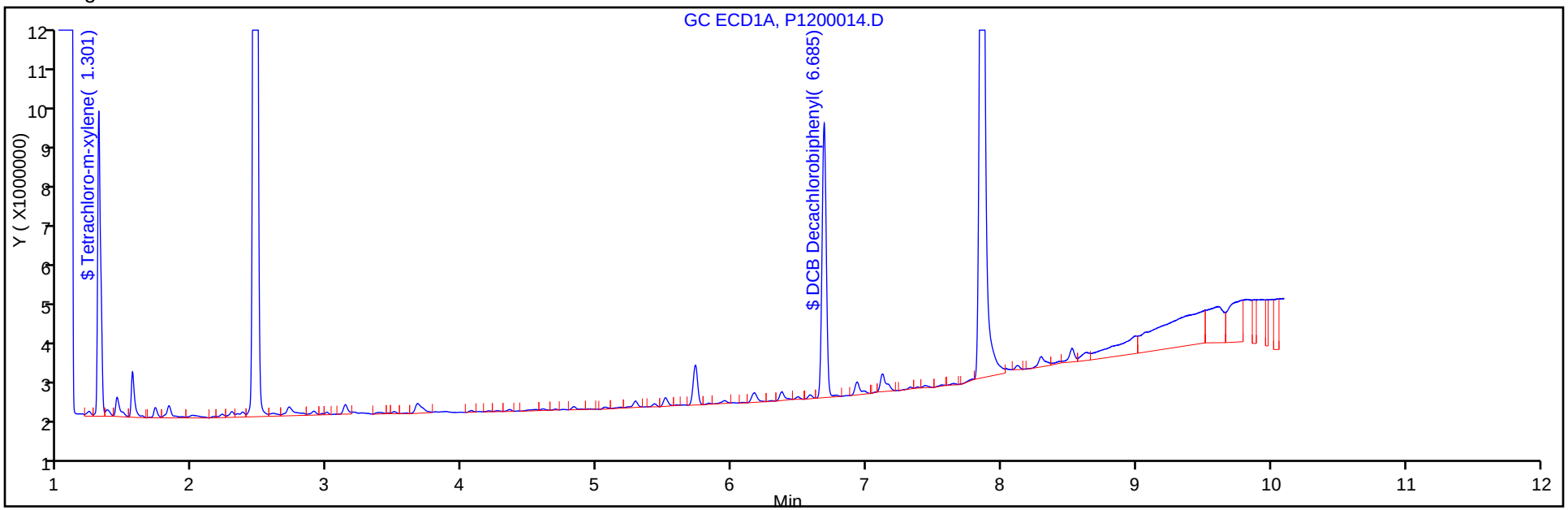
Report Date: 16-Apr-2013 09:18:04 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

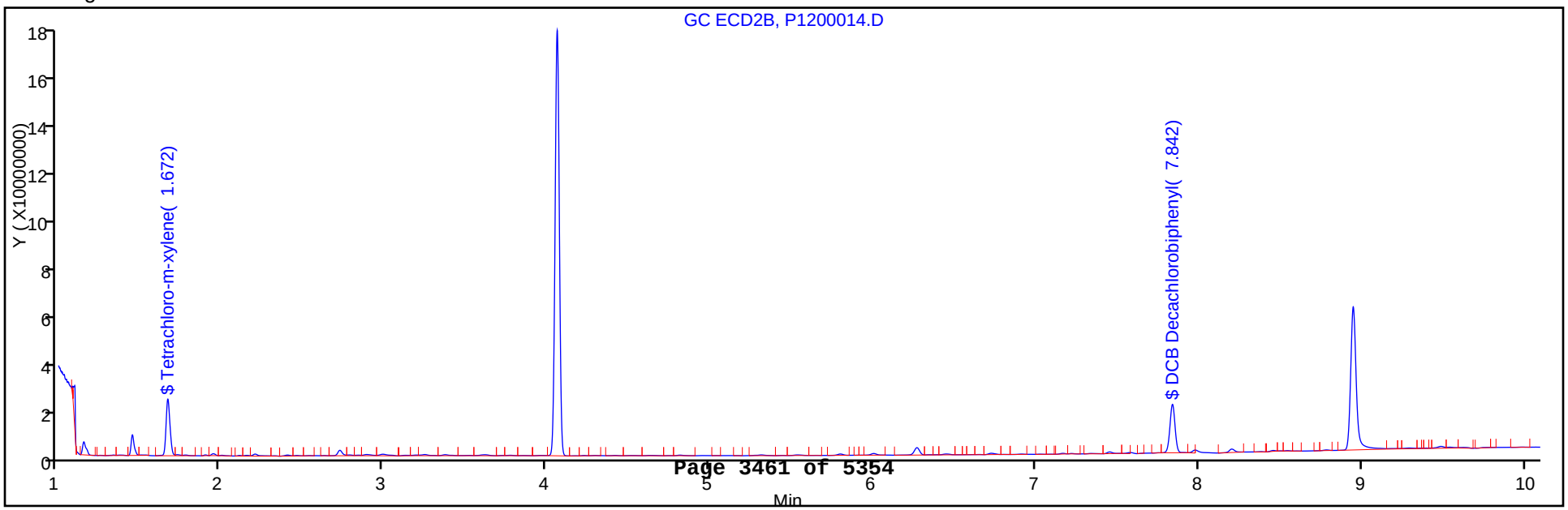
Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200014.D

Injection Date:	15-Apr-2013 12:40:31	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0048M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	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:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0048M-0001-SO | Lab Sample ID: 240-22648-45

Matrix: Solid | Lab File ID: P1200014.D

Analysis Method: 8082/DOD | Date Collected: 03/29/2013 10:07

Extraction Method: 3540C | Date Extracted: 04/11/2013 11:52

Sample wt/vol: 29.81(g) | Date Analyzed: 04/15/2013 12:40

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

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

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

Analysis Batch No.: 81867 | Units: ug/Kg

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

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

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200014.D		
Lims ID:	240-22648-C-45-E	Client ID:	068SB-0048M-0001-SO
Inject. Date:	15-Apr-2013 12:40:31	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018856-014		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	14
Lims Batch ID:	81867	Lims Sample ID:	14
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m		
Last Update:	16-Apr-2013 09:17:58	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK021		

First Level Reviewer: hassl Date: 16-Apr-2013 09:17:30

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	1.300	0.001	12401435	0.0126			
2	2	1.672	1.671	0.001	38984479	0.0146			
						RPD = 14.39			
3 PCB-1221									1
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.579						
1	2		1.868						
1	3		2.268						
1	4		2.391						
1	5		2.776						
2	6		2.139						
2	7		2.539						
2	8		2.994						
2	9		3.133						
2	10		3.619						
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.984						
1	2		4.272						
1	3		4.551						
1	4		5.251						
1	5		5.533						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.233						
2	10		6.611						
$ 12 DCB Decachlorobiphenyl									
1	100	6.685	6.685	0.000	15563462	0.0153			
2	2	7.842	7.841	0.001	43297233	0.0146			
						RPD = 4.17			

QC Flag Legend

Processing Flags
1 - Missing Peaks

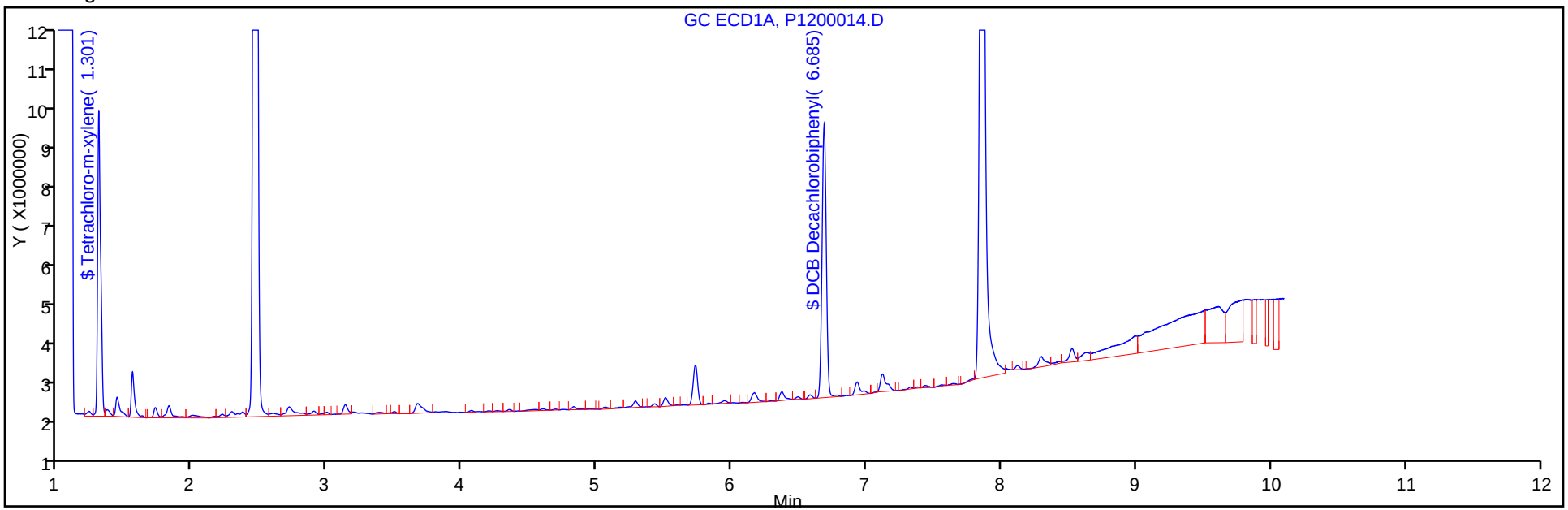
Report Date: 16-Apr-2013 09:18:04 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

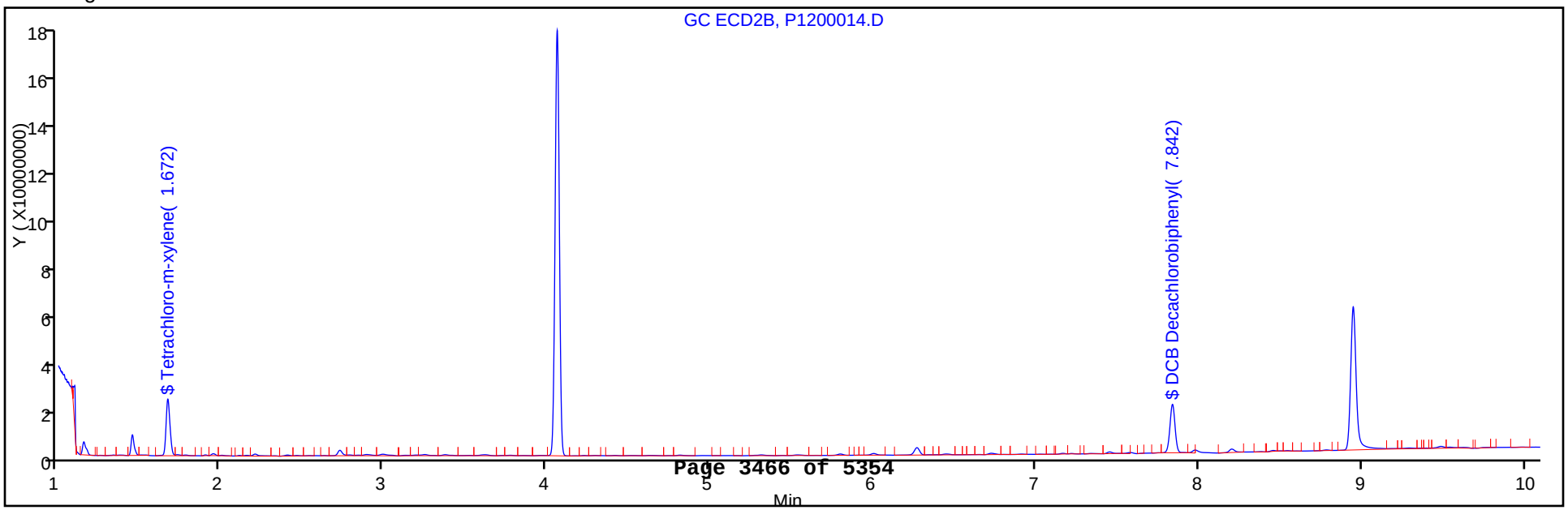
Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200014.D

Injection Date:	15-Apr-2013 12:40:31	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0048M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	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:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0033M-0001-SO Lab Sample ID: 240-22648-46

Matrix: Solid Lab File ID: P1200015.D

Analysis Method: 8082/DOD Date Collected: 03/29/2013 09:15

Extraction Method: 3540C Date Extracted: 04/11/2013 11:52

Sample wt/vol: 30.49(g) Date Analyzed: 04/15/2013 12:55

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.: 81867 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	73		40-140
2051-24-3	DCB Decachlorobiphenyl	85		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200015.D		
Lims ID:	240-22648-C-46-D	Client ID:	068SB-0033M-0001-SO
Inject. Date:	15-Apr-2013 12:55:04	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018856-015		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	15
Lims Batch ID:	81867	Lims Sample ID:	15
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m		
Last Update:	16-Apr-2013 09:17:58	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK021		

First Level Reviewer: hassl Date: 16-Apr-2013 09:17:17

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.301	1.300	0.001	14264796	0.0145			
2	2	1.673	1.671	0.002	40495258	0.0152			
						RPD = 4.22			
3 PCB-1221									
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.579						
1	2		1.868						
1	3		2.268						
1	4		2.391						
1	5		2.776						
2	6		2.139						
2	7		2.539						
2	8		2.994						
2	9		3.133						
2	10		3.619						
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.984						
1	2		4.272						
1	3		4.551						
1	4		5.251						
1	5		5.533						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.233						
2	10		6.611						
$ 12 DCB Decachlorobiphenyl									
1	100	6.684	6.685	-0.001	17238323	0.0169			
2	2	7.842	7.841	0.001	42146938	0.0142			
						RPD = 17.04			

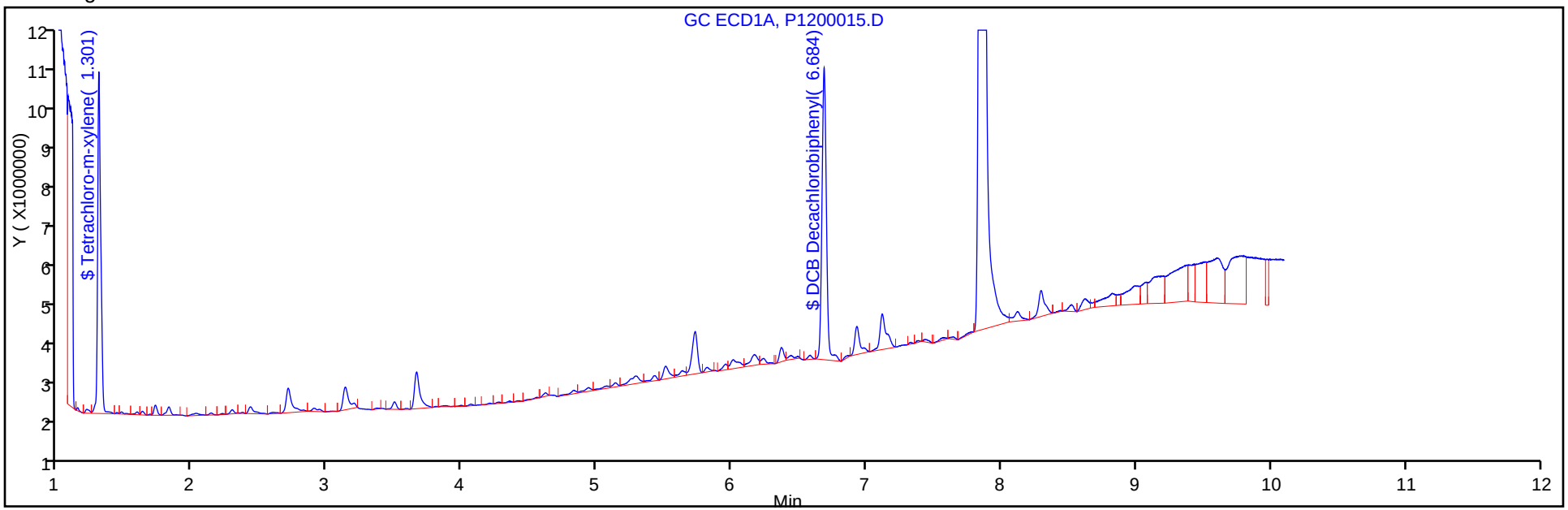
Report Date: 16-Apr-2013 09:18:04 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

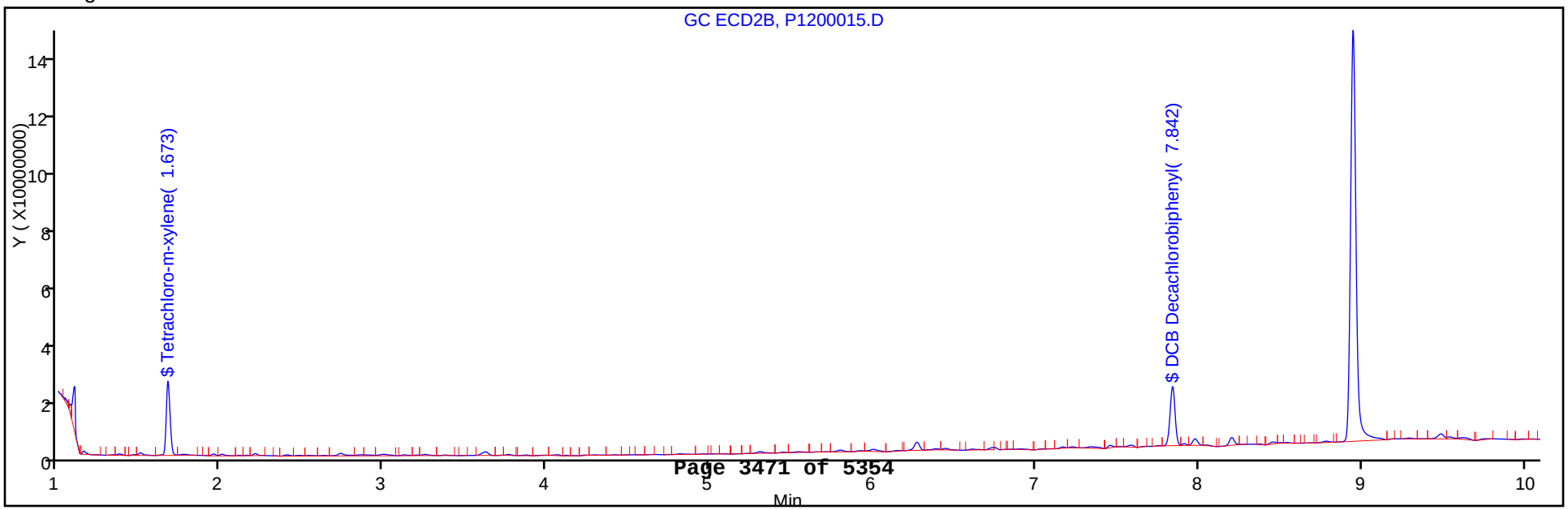
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Injection Date:	15-Apr-2013 12:55:04	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0033M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0033M-0001-SO | Lab Sample ID: 240-22648-46

Matrix: Solid | Lab File ID: P1200015.D

Analysis Method: 8082/DOD | Date Collected: 03/29/2013 09:15

Extraction Method: 3540C | Date Extracted: 04/11/2013 11:52

Sample wt/vol: 30.49(g) | Date Analyzed: 04/15/2013 12:55

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.: 81867 | 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	76		40-140
2051-24-3	DCB Decachlorobiphenyl	71		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200015.D		
Lims ID:	240-22648-C-46-D	Client ID:	068SB-0033M-0001-SO
Inject. Date:	15-Apr-2013 12:55:04	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018856-015		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	15
Lims Batch ID:	81867	Lims Sample ID:	15
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m		
Last Update:	16-Apr-2013 09:17:58	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK021		

First Level Reviewer: hassl Date: 16-Apr-2013 09:17:17

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.301	1.300	0.001	14264796	0.0145			
2	2	1.673	1.671	0.002	40495258	0.0152			
						RPD = 4.22			
3 PCB-1221									
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.579						
1	2		1.868						
1	3		2.268						
1	4		2.391						
1	5		2.776						
2	6		2.139						
2	7		2.539						
2	8		2.994						
2	9		3.133						
2	10		3.619						
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.984						
1	2		4.272						
1	3		4.551						
1	4		5.251						
1	5		5.533						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.233						
2	10		6.611						
$ 12 DCB Decachlorobiphenyl									
1	100	6.684	6.685	-0.001	17238323	0.0169			
2	2	7.842	7.841	0.001	42146938	0.0142			
						RPD = 17.04			

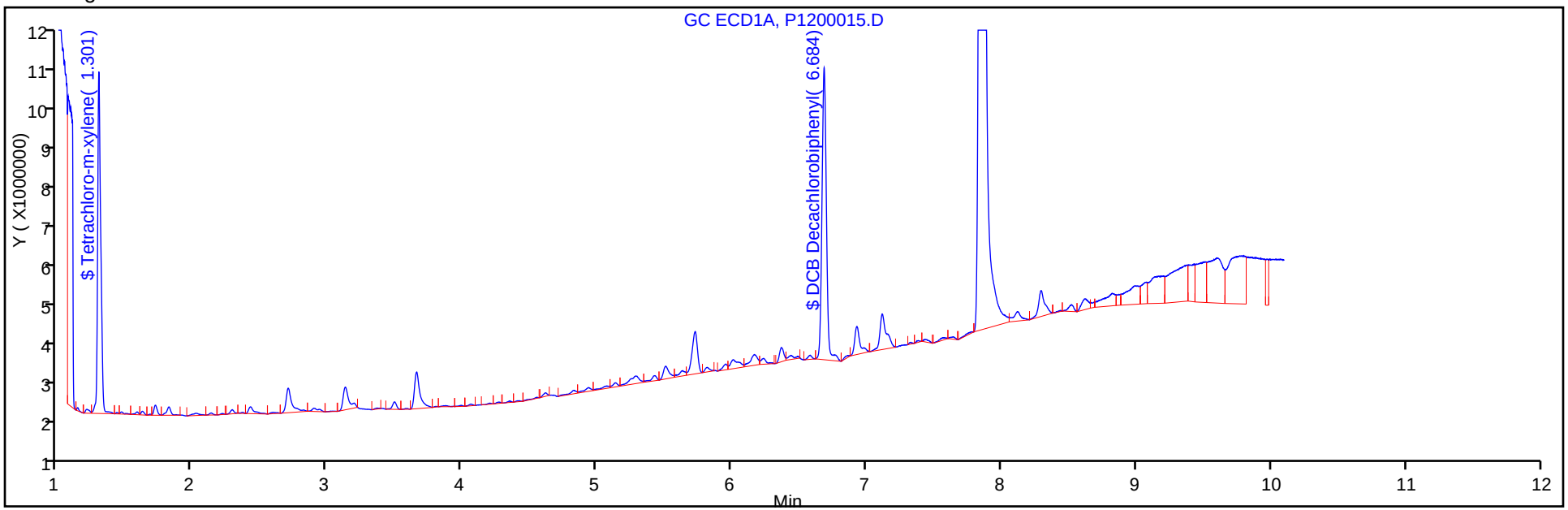
Report Date: 16-Apr-2013 09:18:05 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

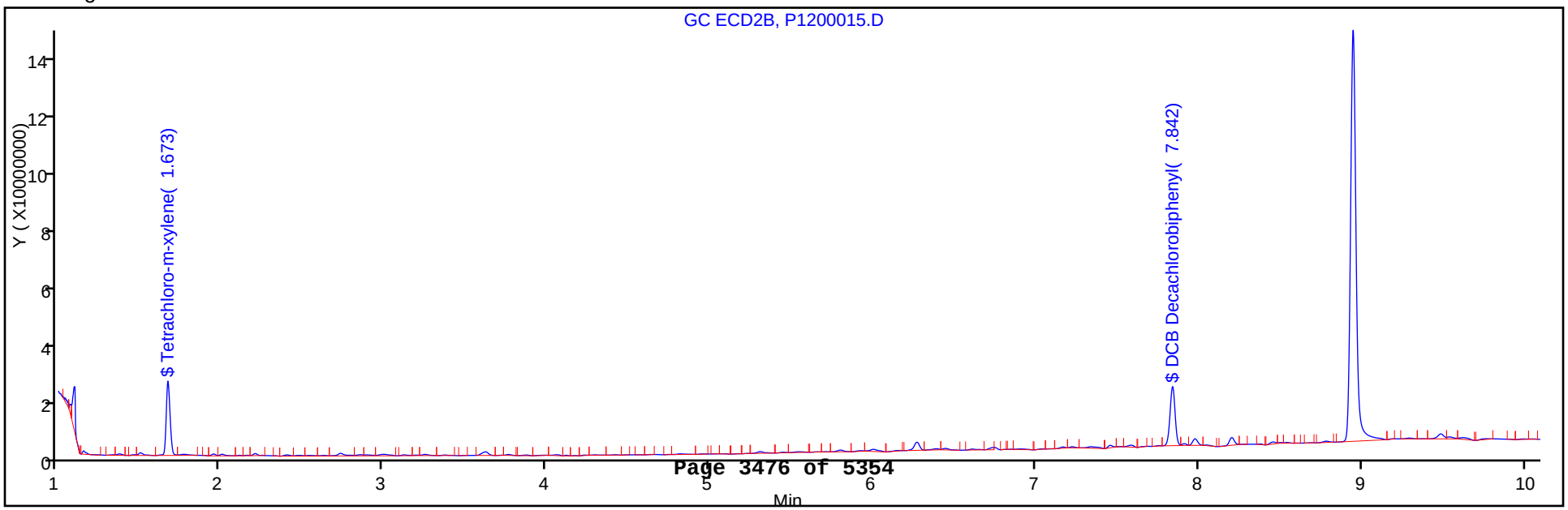
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Injection Date:	15-Apr-2013 12:55:04	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0033M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0034M-0001-SO Lab Sample ID: 240-22648-47

Matrix: Solid Lab File ID: P1200016.D

Analysis Method: 8082/DOD Date Collected: 03/29/2013 09:19

Extraction Method: 3540C Date Extracted: 04/11/2013 11:52

Sample wt/vol: 30.35(g) Date Analyzed: 04/15/2013 13:09

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

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

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

Analysis Batch No.: 81867 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	71		40-140
2051-24-3	DCB Decachlorobiphenyl	72		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200016.D		
Lims ID:	240-22648-C-47-D	Client ID:	068SB-0034M-0001-SO
Inject. Date:	15-Apr-2013 13:09:38	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018856-016		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	16
Lims Batch ID:	81867	Lims Sample ID:	16
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m		
Last Update:	16-Apr-2013 09:17:58	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK021		

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

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.302	1.300	0.002	13980378	0.0143			
2	2	1.675	1.671	0.004	39829768	0.0149			
						RPD = 4.58			
3 PCB-1221									
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.579						
1	2		1.868						
1	3		2.268						
1	4		2.391						
1	5		2.776						
2	6		2.139						
2	7		2.539						
2	8		2.994						
2	9		3.133						
2	10		3.619						
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.984						
1	2		4.272						
1	3		4.551						
1	4		5.251						
1	5		5.533						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.233						
2	10		6.611						
$ 12 DCB Decachlorobiphenyl									
1	100	6.684	6.685	-0.001	14731260	0.0144			
2	2	7.843	7.841	0.002	40352225	0.0136			
						RPD = 5.71			

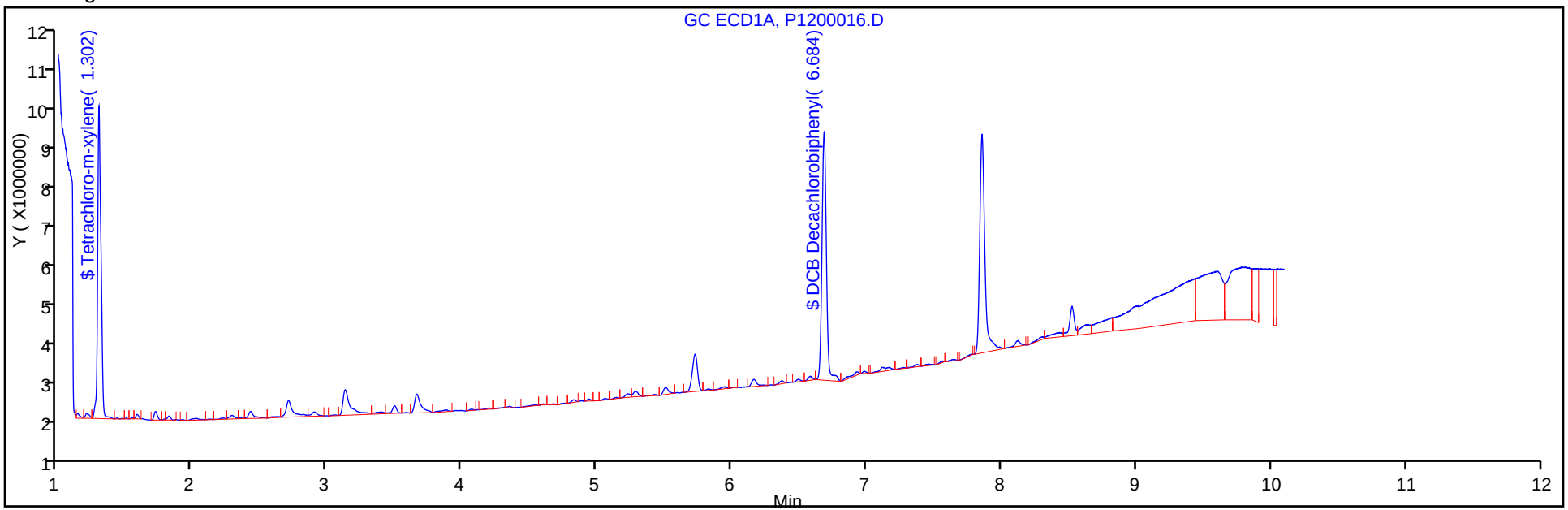
Report Date: 16-Apr-2013 09:18:05 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

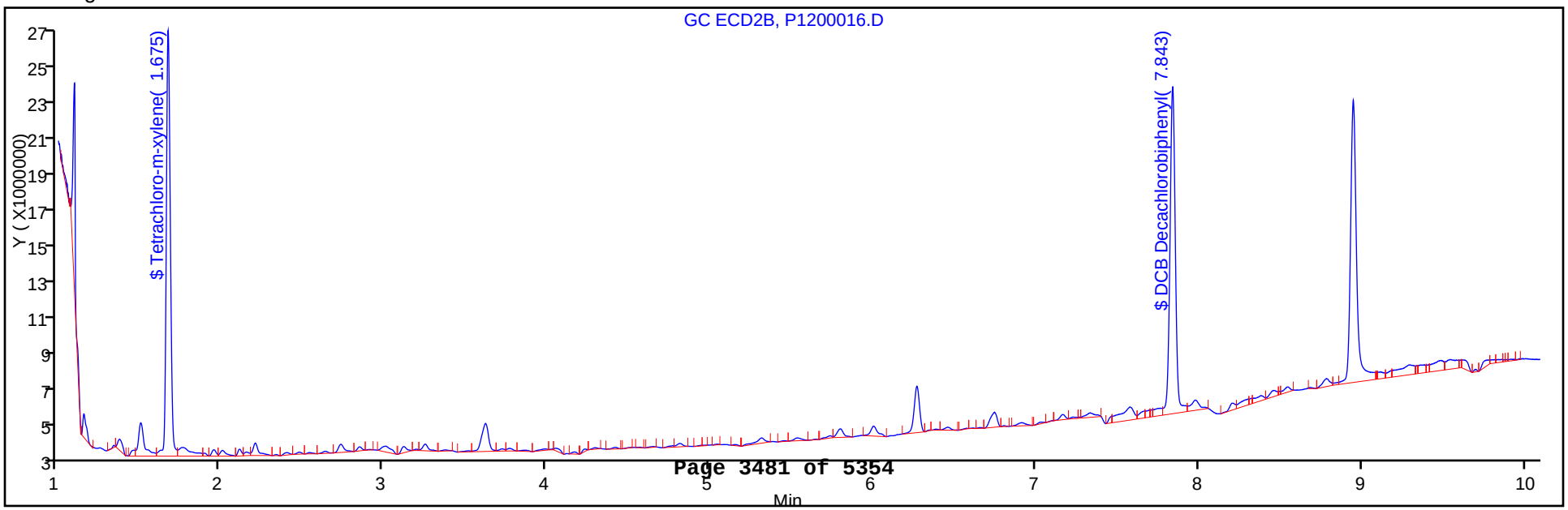
Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200016.D

Injection Date:	15-Apr-2013 13:09:38	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0034M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	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:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0034M-0001-SO | Lab Sample ID: 240-22648-47

Matrix: Solid | Lab File ID: P1200016.D

Analysis Method: 8082/DOD | Date Collected: 03/29/2013 09:19

Extraction Method: 3540C | Date Extracted: 04/11/2013 11:52

Sample wt/vol: 30.35(g) | Date Analyzed: 04/15/2013 13:09

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

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

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

Analysis Batch No.: 81867 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	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	75		40-140
2051-24-3	DCB Decachlorobiphenyl	68		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200016.D		
Lims ID:	240-22648-C-47-D	Client ID:	068SB-0034M-0001-SO
Inject. Date:	15-Apr-2013 13:09:38	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018856-016		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	16
Lims Batch ID:	81867	Lims Sample ID:	16
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m		
Last Update:	16-Apr-2013 09:17:58	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK021		

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

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.302	1.300	0.002	13980378	0.0143			
2	2	1.675	1.671	0.004	39829768	0.0149			
						RPD = 4.58			
3 PCB-1221									
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.579						
1	2		1.868						
1	3		2.268						
1	4		2.391						
1	5		2.776						
2	6		2.139						
2	7		2.539						
2	8		2.994						
2	9		3.133						
2	10		3.619						
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.984						
1	2		4.272						
1	3		4.551						
1	4		5.251						
1	5		5.533						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.233						
2	10		6.611						
$ 12 DCB Decachlorobiphenyl									
1	100	6.684	6.685	-0.001	14731260	0.0144			
2	2	7.843	7.841	0.002	40352225	0.0136			
						RPD = 5.71			

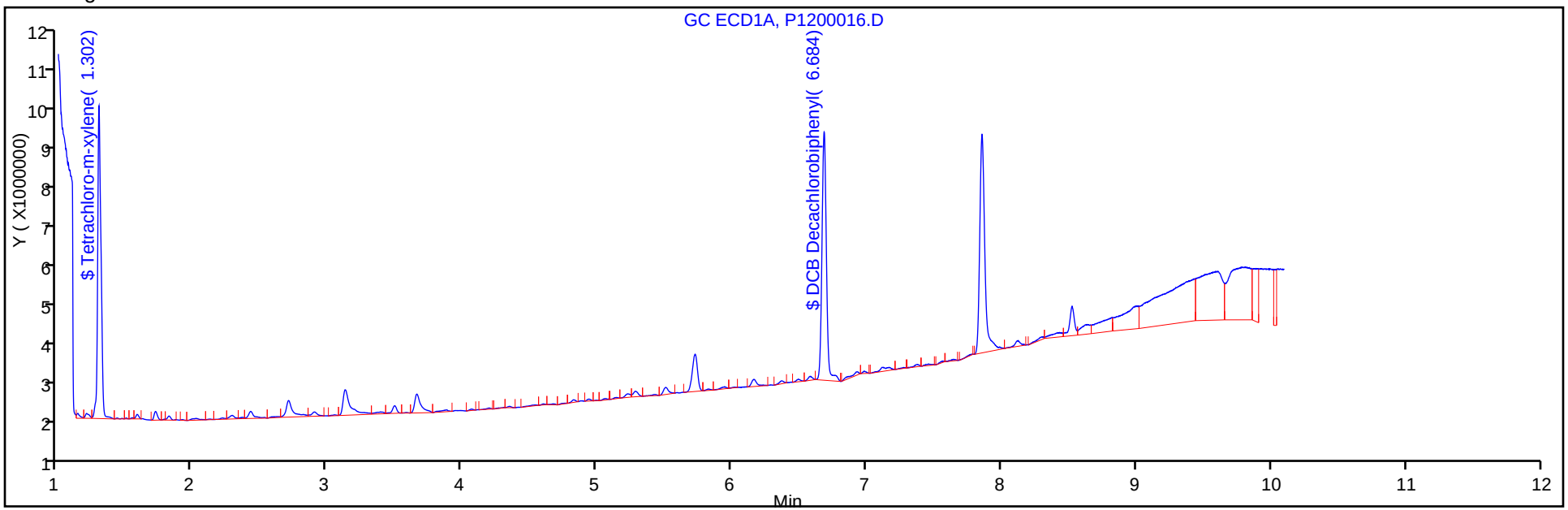
Report Date: 16-Apr-2013 09:18:05 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

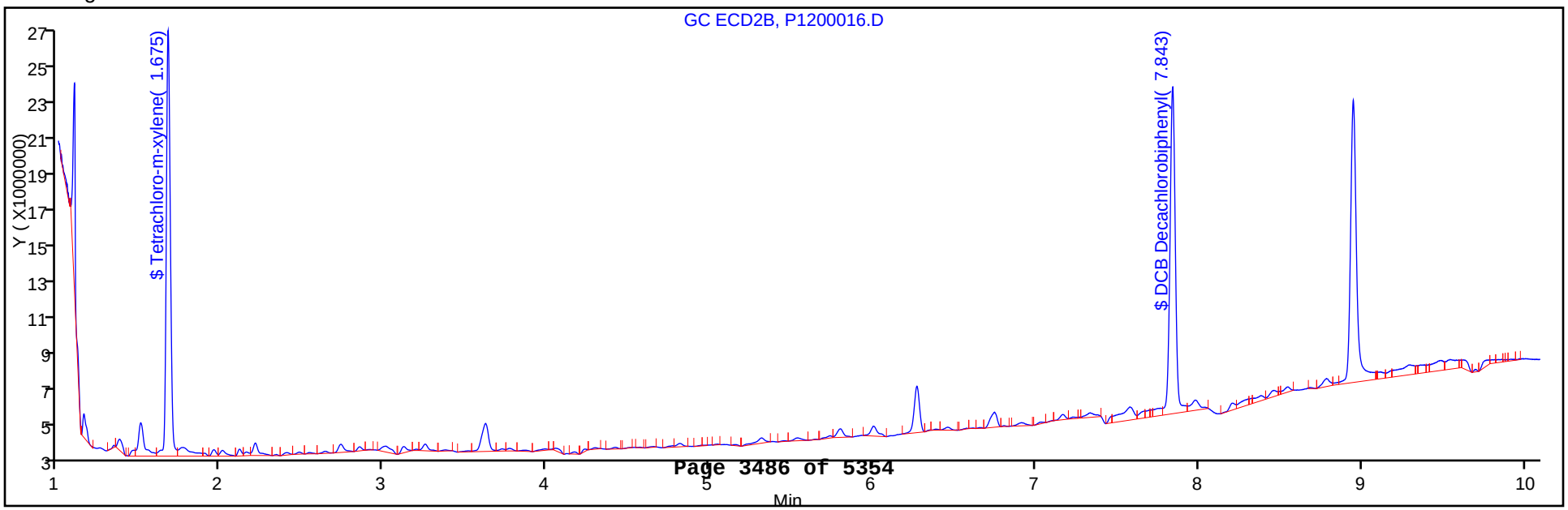
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Injection Date:	15-Apr-2013 13:09:38	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0034M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	16
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0035M-0001-SO Lab Sample ID: 240-22648-48

Matrix: Solid Lab File ID: P1200017.D

Analysis Method: 8082/DOD Date Collected: 03/29/2013 08:26

Extraction Method: 3540C Date Extracted: 04/11/2013 11:52

Sample wt/vol: 30.46(g) Date Analyzed: 04/15/2013 13:24

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.: 81867 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	74		40-140
2051-24-3	DCB Decachlorobiphenyl	69		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200017.D		
Lims ID:	240-22648-C-48-D	Client ID:	068SB-0035M-0001-SO
Inject. Date:	15-Apr-2013 13:24:14	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018856-017		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	17
Lims Batch ID:	81867	Lims Sample ID:	17
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m		
Last Update:	16-Apr-2013 09:17:58	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK021		

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

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.300	0.000	14565107	0.0148			
2	2	1.671	1.671	0.000	42333417	0.0159			
						RPD = 6.57			
3 PCB-1221									
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.579						
1	2		1.868						
1	3		2.268						
1	4		2.391						
1	5		2.776						
2	6		2.139						
2	7		2.539						
2	8		2.994						
2	9		3.133						
2	10		3.619						
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.984						
1	2		4.272						
1	3		4.551						
1	4		5.251						
1	5		5.533						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.233						
2	10		6.611						
$ 12 DCB Decachlorobiphenyl									
1	100	6.685	6.685	0.000	13974688	0.0137			
2	2	7.842	7.841	0.001	37327095	0.0126			
						RPD = 8.23			

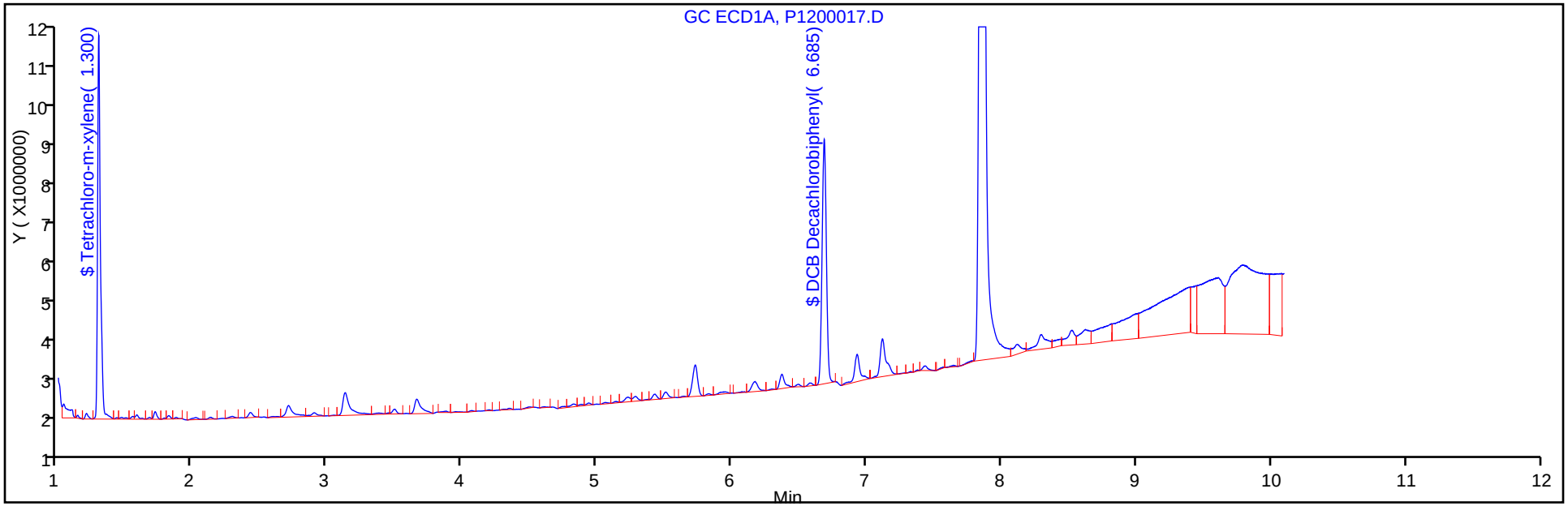
Report Date: 16-Apr-2013 09:18:06 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

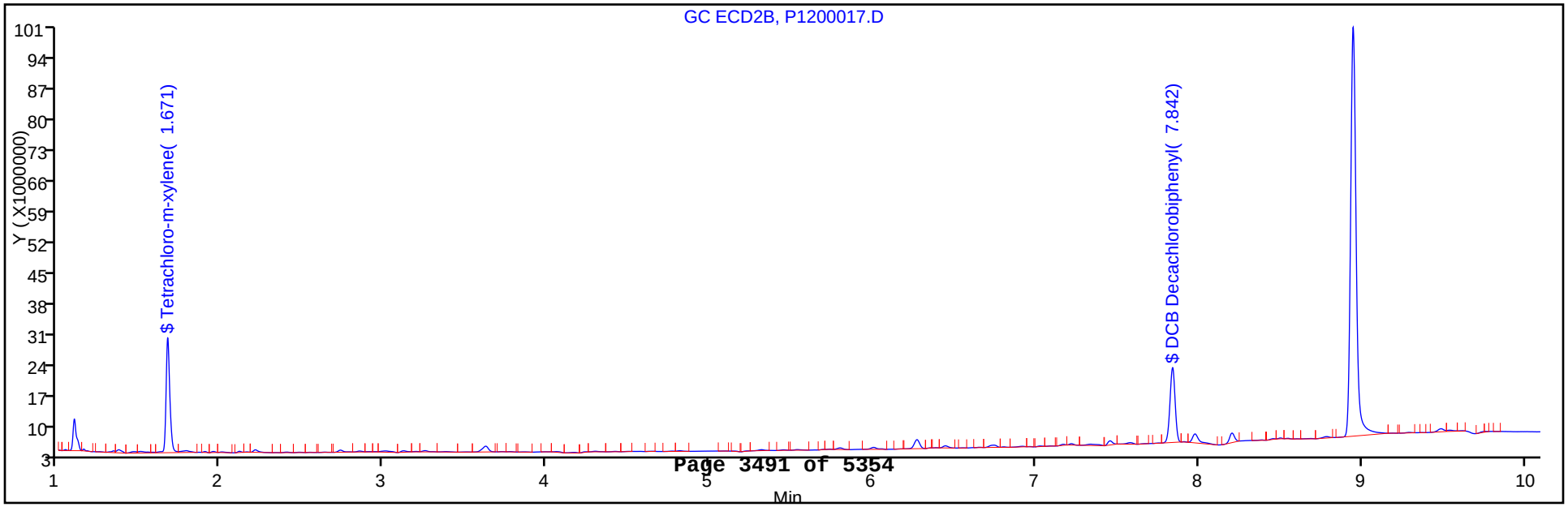
Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200017.D

Injection Date:	15-Apr-2013 13:24:14	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0035M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	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:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0035M-0001-SO | Lab Sample ID: 240-22648-48

Matrix: Solid | Lab File ID: P1200017.D

Analysis Method: 8082/DOD | Date Collected: 03/29/2013 08:26

Extraction Method: 3540C | Date Extracted: 04/11/2013 11:52

Sample wt/vol: 30.46(g) | Date Analyzed: 04/15/2013 13:24

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.: 81867 | 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	79		40-140
2051-24-3	DCB Decachlorobiphenyl	63		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200017.D		
Lims ID:	240-22648-C-48-D	Client ID:	068SB-0035M-0001-SO
Inject. Date:	15-Apr-2013 13:24:14	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018856-017		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	17
Lims Batch ID:	81867	Lims Sample ID:	17
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m		
Last Update:	16-Apr-2013 09:17:58	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK021		

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

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.300	0.000	14565107	0.0148			
2	2	1.671	1.671	0.000	42333417	0.0159			
						RPD = 6.57			
3 PCB-1221									
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.579						
1	2		1.868						
1	3		2.268						
1	4		2.391						
1	5		2.776						
2	6		2.139						
2	7		2.539						
2	8		2.994						
2	9		3.133						
2	10		3.619						
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.984						
1	2		4.272						
1	3		4.551						
1	4		5.251						
1	5		5.533						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.233						
2	10		6.611						
$ 12 DCB Decachlorobiphenyl									
1	100	6.685	6.685	0.000	13974688	0.0137			
2	2	7.842	7.841	0.001	37327095	0.0126			
						RPD = 8.23			

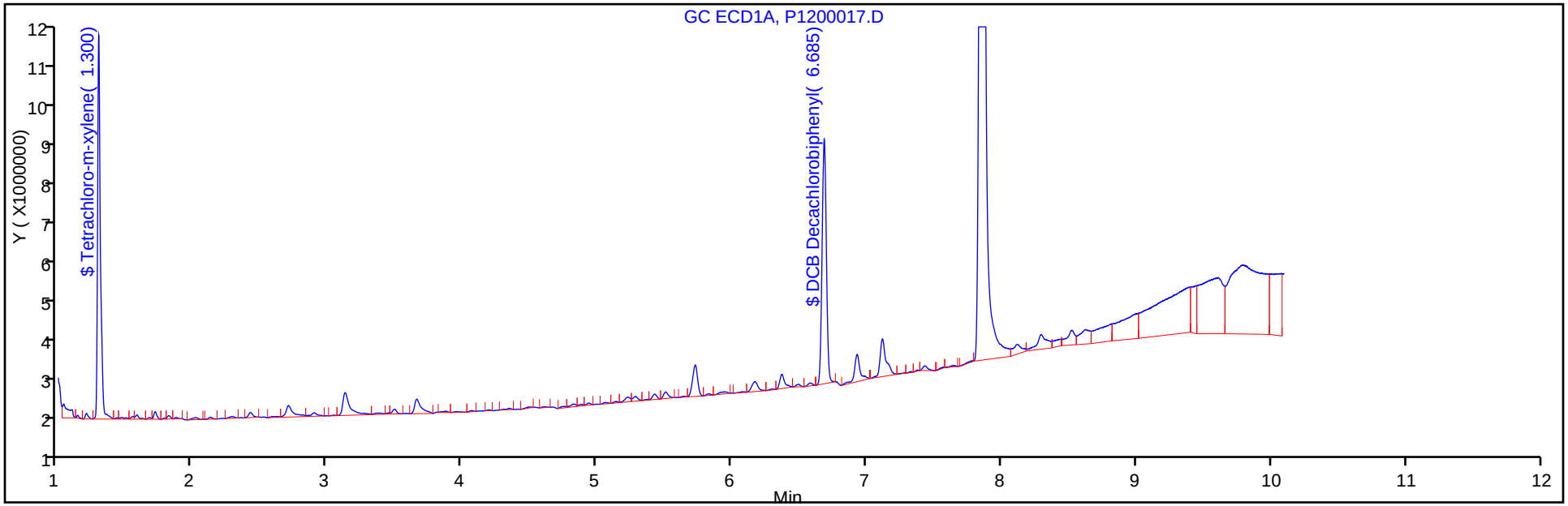
Report Date: 16-Apr-2013 09:18:06 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

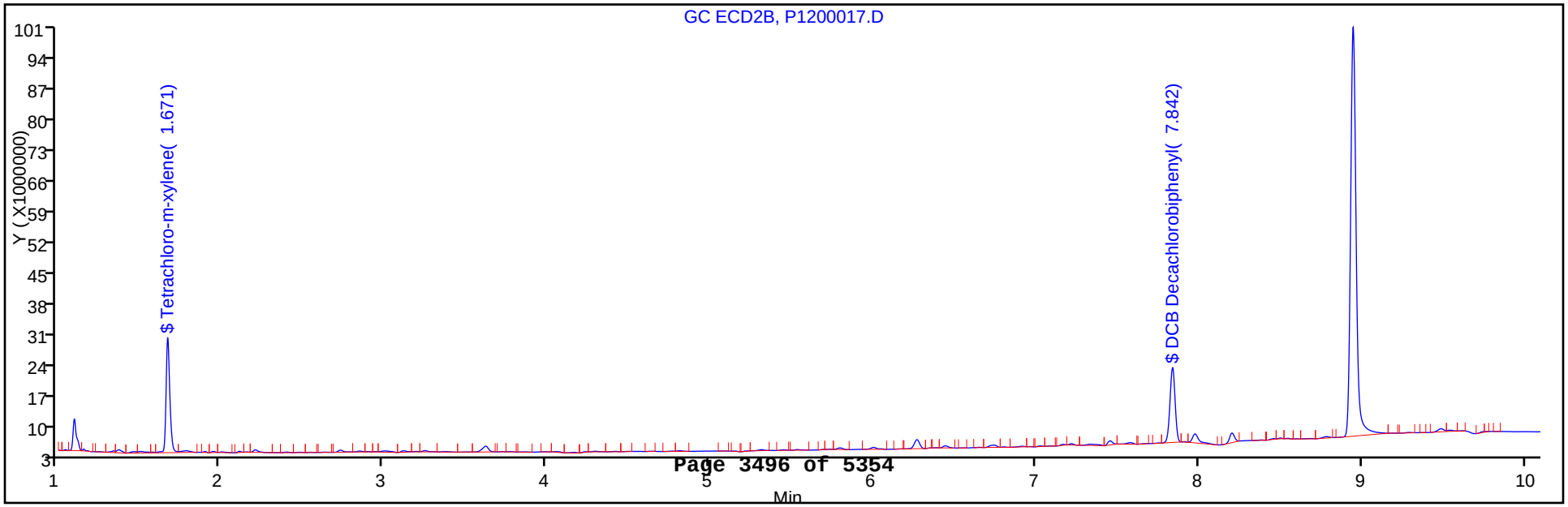
Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200017.D

Injection Date:	15-Apr-2013 13:24:14	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0035M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	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:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0038M-0001-SO Lab Sample ID: 240-22648-49

Matrix: Solid Lab File ID: P1200018.D

Analysis Method: 8082/DOD Date Collected: 03/29/2013 09:20

Extraction Method: 3540C Date Extracted: 04/11/2013 11:52

Sample wt/vol: 29.54(g) Date Analyzed: 04/15/2013 13:38

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

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

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

Analysis Batch No.: 81867 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	68		40-140
2051-24-3	DCB Decachlorobiphenyl	70		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200018.D		
Lims ID:	240-22648-C-49-D	Client ID:	068SB-0038M-0001-SO
Inject. Date:	15-Apr-2013 13:38:50	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018856-018		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	18
Lims Batch ID:	81867	Lims Sample ID:	18
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m		
Last Update:	16-Apr-2013 09:17:58	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK021		

First Level Reviewer: hassl Date: 16-Apr-2013 09:09:34

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	1.300	0.001	13265688	0.0135			
2	2	1.674	1.671	0.003	37903427	0.0142			
						RPD = 4.87			
3 PCB-1221									
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.579						
1	2		1.868						
1	3		2.268						
1	4		2.391						
1	5		2.776						
2	6		2.139						
2	7		2.539						
2	8		2.994						
2	9		3.133						
2	10		3.619						
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.984						
1	2		4.272						
1	3		4.551						
1	4		5.251						
1	5		5.533						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.233						
2	10		6.611						
$ 12 DCB Decachlorobiphenyl									
1	100	6.686	6.685	0.001	14242943	0.0140			
2	2	7.842	7.841	0.001	36803265	0.0124			
						RPD = 11.54			

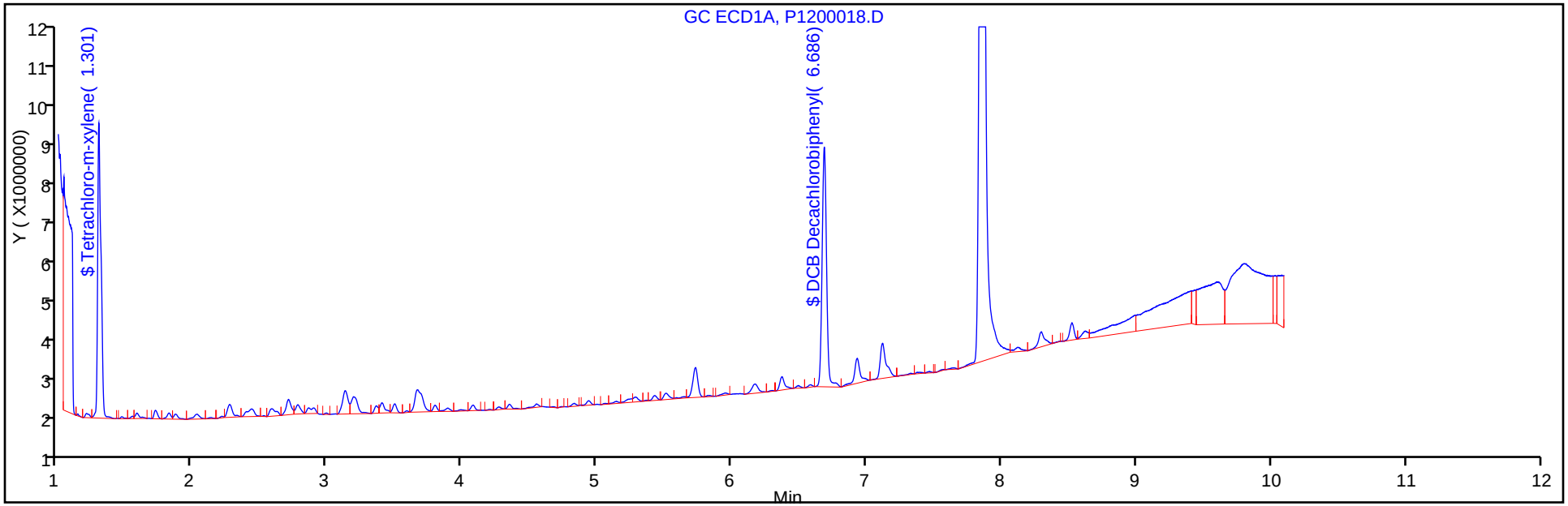
Report Date: 16-Apr-2013 09:18:07 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

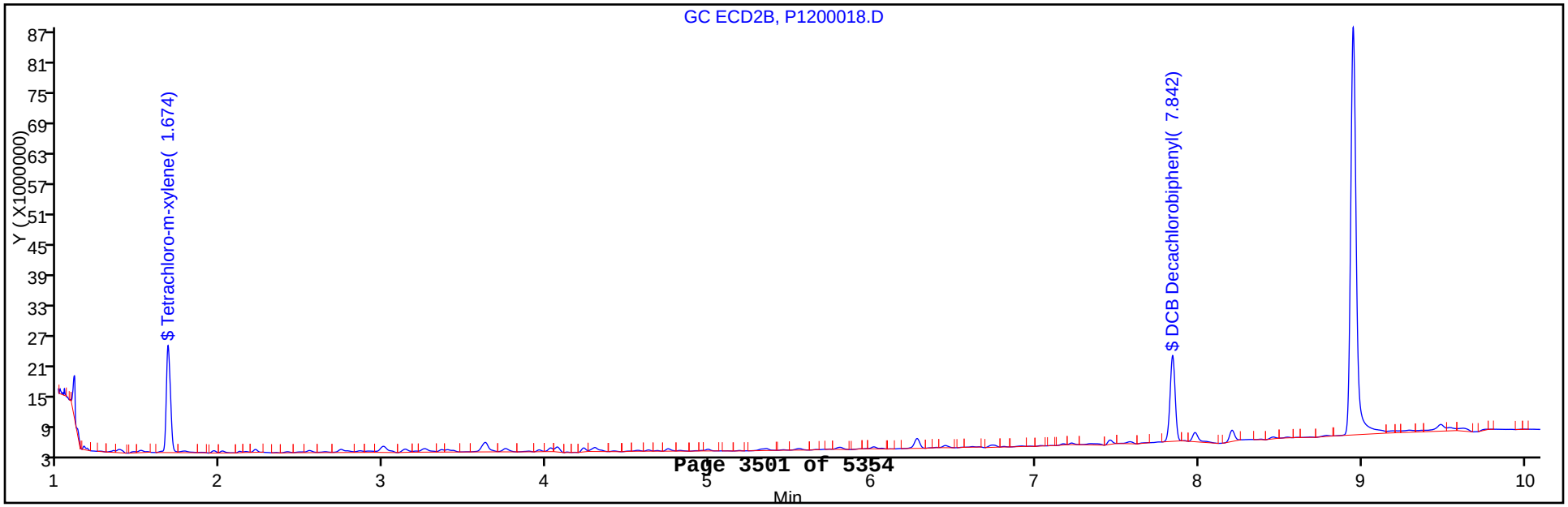
Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200018.D

Injection Date:	15-Apr-2013 13:38:50	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0038M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	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:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0038M-0001-SO | Lab Sample ID: 240-22648-49

Matrix: Solid | Lab File ID: P1200018.D

Analysis Method: 8082/DOD | Date Collected: 03/29/2013 09:20

Extraction Method: 3540C | Date Extracted: 04/11/2013 11:52

Sample wt/vol: 29.54(g) | Date Analyzed: 04/15/2013 13:38

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

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

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

Analysis Batch No.: 81867 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	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	71		40-140
2051-24-3	DCB Decachlorobiphenyl	62		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200018.D		
Lims ID:	240-22648-C-49-D	Client ID:	068SB-0038M-0001-SO
Inject. Date:	15-Apr-2013 13:38:50	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018856-018		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	18
Lims Batch ID:	81867	Lims Sample ID:	18
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m		
Last Update:	16-Apr-2013 09:17:58	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK021		

First Level Reviewer: hassl Date: 16-Apr-2013 09:09:34

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	1.300	0.001	13265688	0.0135			
2	2	1.674	1.671	0.003	37903427	0.0142			
						RPD = 4.87			
3 PCB-1221									
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.579						
1	2		1.868						
1	3		2.268						
1	4		2.391						
1	5		2.776						
2	6		2.139						
2	7		2.539						
2	8		2.994						
2	9		3.133						
2	10		3.619						
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.984						
1	2		4.272						
1	3		4.551						
1	4		5.251						
1	5		5.533						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.233						
2	10		6.611						
$ 12 DCB Decachlorobiphenyl									
1	100	6.686	6.685	0.001	14242943	0.0140			
2	2	7.842	7.841	0.001	36803265	0.0124			
						RPD = 11.54			

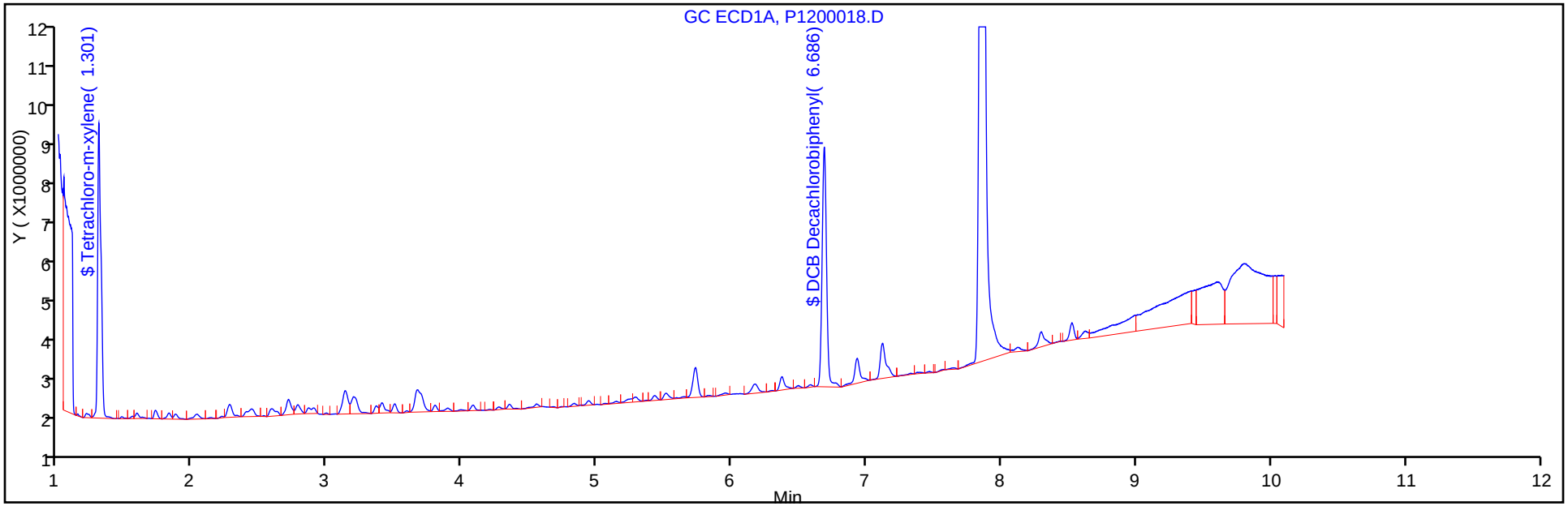
Report Date: 16-Apr-2013 09:18:07 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

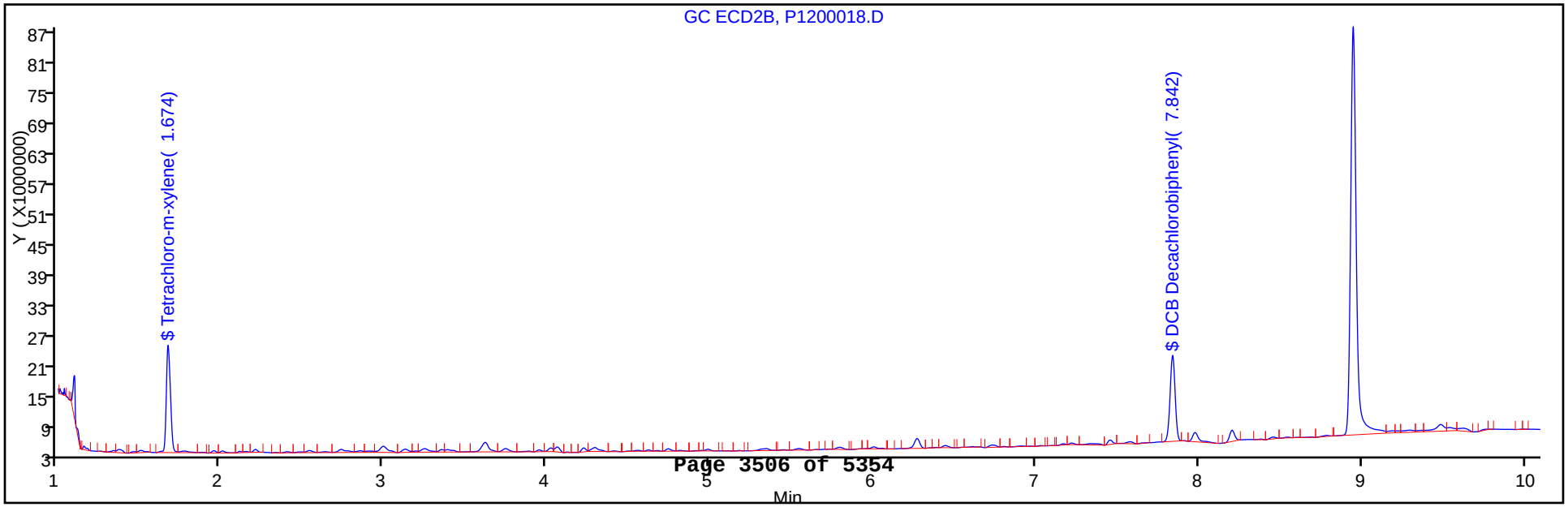
Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200018.D

Injection Date:	15-Apr-2013 13:38:50	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0038M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	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:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0036M-0001-SO Lab Sample ID: 240-22648-50

Matrix: Solid Lab File ID: P1200019.D

Analysis Method: 8082/DOD Date Collected: 03/29/2013 08:26

Extraction Method: 3540C Date Extracted: 04/11/2013 11:52

Sample wt/vol: 29.59(g) Date Analyzed: 04/15/2013 13:52

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

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

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

Analysis Batch No.: 81867 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	87		40-140
2051-24-3	DCB Decachlorobiphenyl	91		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200019.D
Lims ID: 240-22648-C-50-D Client ID: 068SB-0036M-0001-SO
Inject. Date: 15-Apr-2013 13:52:55 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0018856-019
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 uL ALS Bottle#: 19
Lims Batch ID: 81867 Lims Sample ID: 19
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m
Last Update: 16-Apr-2013 09:17:58 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK021

First Level Reviewer: hassl Date: 16-Apr-2013 09:09:27

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.299	1.300	-0.001	17156155	0.0175			
2	2	1.672	1.671	0.001	48861834	0.0183			
						RPD = 4.54			
3 PCB-1221									1
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									1
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.579						
1	2		1.868						
1	3		2.268						
1	4		2.391						
1	5		2.776						
2	6		2.139						
2	7		2.539						
2	8		2.994						
2	9		3.133						
2	10		3.619						
5 PCB-1242									1
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.984						
1	2		4.272						
1	3		4.551						
1	4		5.251						
1	5		5.533						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.233						
2	10		6.611						
$ 12 DCB Decachlorobiphenyl									
1	100	6.684	6.685	-0.001	18651456	0.0183			
2	2	7.841	7.841	0.000	50005973	0.0169			
						RPD = 7.86			

QC Flag Legend

Processing Flags
1 - Missing Peaks

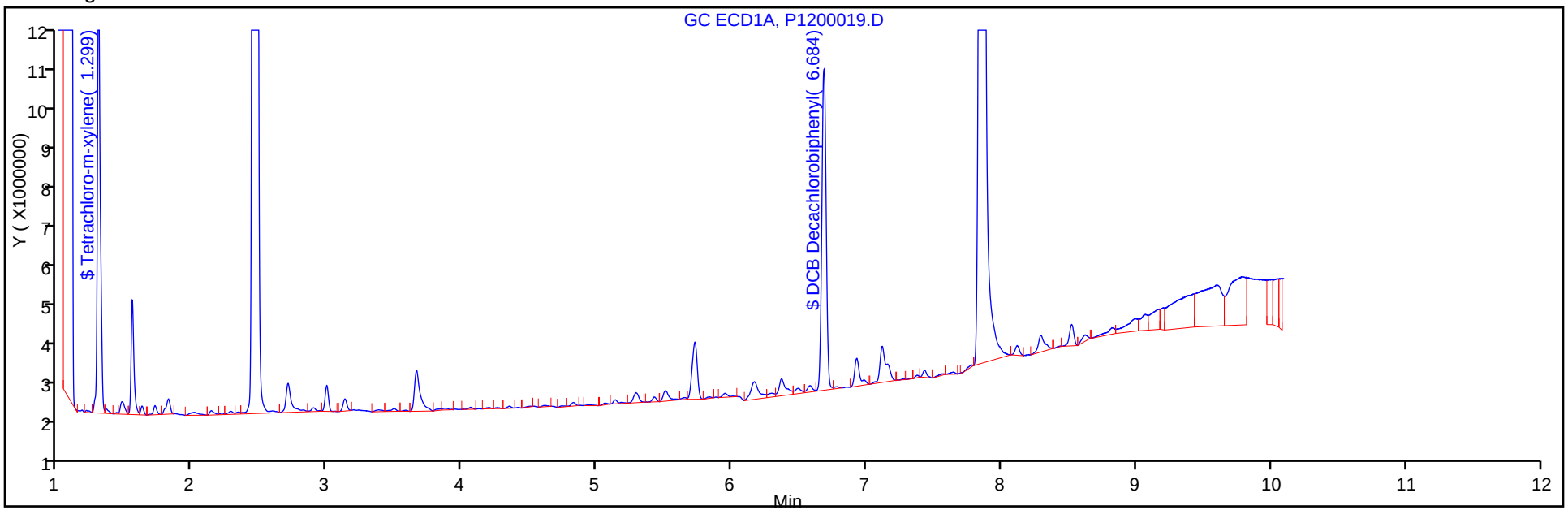
Report Date: 16-Apr-2013 09:18:07 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

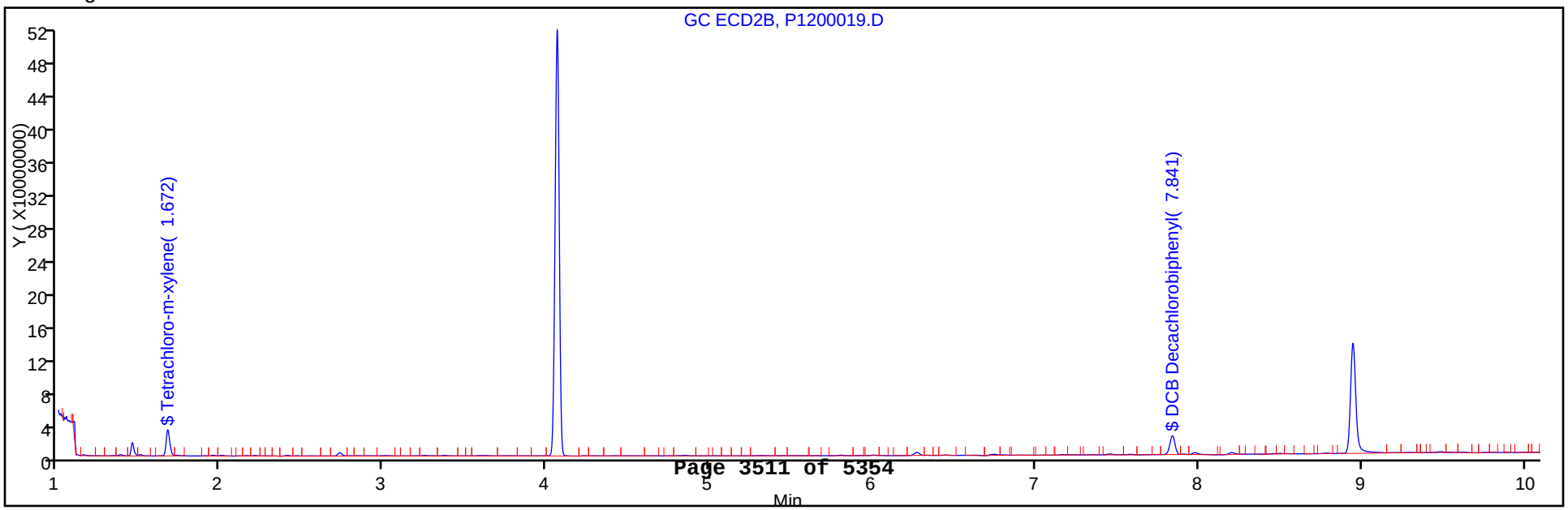
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Injection Date:	15-Apr-2013 13:52:55	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0036M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	19
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0036M-0001-SO | Lab Sample ID: 240-22648-50

Matrix: Solid | Lab File ID: P1200019.D

Analysis Method: 8082/DOD | Date Collected: 03/29/2013 08:26

Extraction Method: 3540C | Date Extracted: 04/11/2013 11:52

Sample wt/vol: 29.59(g) | Date Analyzed: 04/15/2013 13:52

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

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

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

Analysis Batch No.: 81867 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	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	92		40-140
2051-24-3	DCB Decachlorobiphenyl	85		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200019.D		
Lims ID:	240-22648-C-50-D	Client ID:	068SB-0036M-0001-SO
Inject. Date:	15-Apr-2013 13:52:55	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018856-019		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	19
Lims Batch ID:	81867	Lims Sample ID:	19
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m		
Last Update:	16-Apr-2013 09:17:58	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK021		

First Level Reviewer: hassl Date: 16-Apr-2013 09:09:27

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.299	1.300	-0.001	17156155	0.0175			
2	2	1.672	1.671	0.001	48861834	0.0183			
						RPD = 4.54			
3 PCB-1221									1
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									1
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.579						
1	2		1.868						
1	3		2.268						
1	4		2.391						
1	5		2.776						
2	6		2.139						
2	7		2.539						
2	8		2.994						
2	9		3.133						
2	10		3.619						
5 PCB-1242									1
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.984						
1	2		4.272						
1	3		4.551						
1	4		5.251						
1	5		5.533						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.233						
2	10		6.611						
$ 12 DCB Decachlorobiphenyl									
1	100	6.684	6.685	-0.001	18651456	0.0183			
2	2	7.841	7.841	0.000	50005973	0.0169			
						RPD = 7.86			

QC Flag Legend

Processing Flags
1 - Missing Peaks

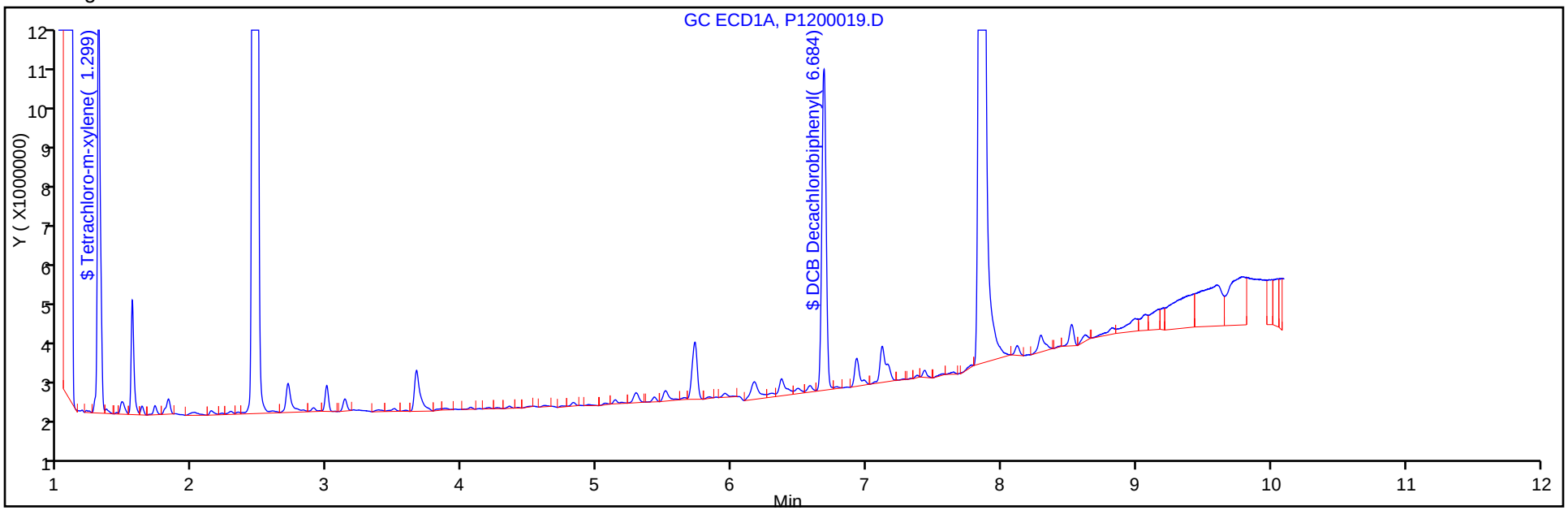
Report Date: 16-Apr-2013 09:18:07 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

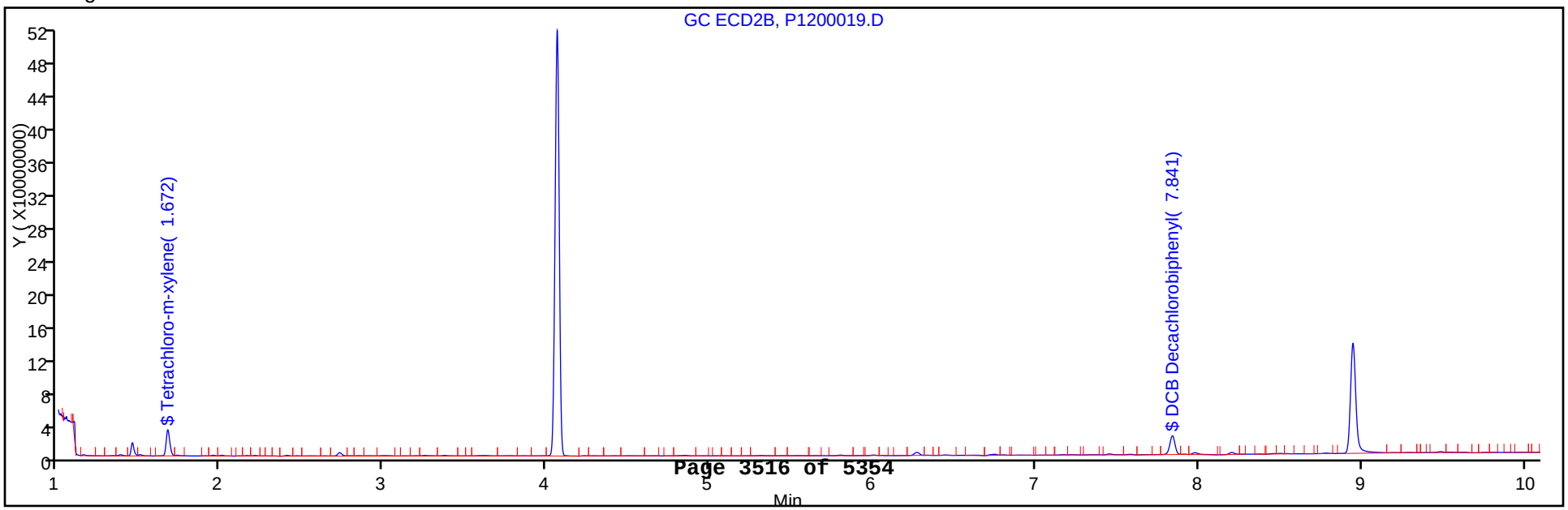
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Injection Date:	15-Apr-2013 13:52:55	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0036M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	19
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0039M-0001-SO Lab Sample ID: 240-22648-51

Matrix: Solid Lab File ID: P1200022.D

Analysis Method: 8082/DOD Date Collected: 03/29/2013 08:52

Extraction Method: 3540C Date Extracted: 04/11/2013 11:52

Sample wt/vol: 29.96(g) Date Analyzed: 04/15/2013 14:36

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

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

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

Analysis Batch No.: 81867 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	83		40-140
2051-24-3	DCB Decachlorobiphenyl	87		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200022.D		
Lims ID:	240-22648-C-51-D	Client ID:	068SB-0039M-0001-SO
Inject. Date:	15-Apr-2013 14:36:58	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018856-022		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	22
Lims Batch ID:	81867	Lims Sample ID:	22
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m		
Last Update:	16-Apr-2013 09:18:09	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK021		

First Level Reviewer: hassl Date: 16-Apr-2013 09:10:22

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.301	-0.001	16346539	0.0167			
2	2	1.672	1.673	-0.001	47535252	0.0178			
						RPD = 6.62			
3 PCB-1221									1
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
6 PCB-1016									
1	100		1.580						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.141						
2	7		2.541						
2	8		2.996						
2	9		3.134						
2	10		3.620						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.985						
1	2		4.272						
1	3		4.551						
1	4		5.251						
1	5		5.534						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.234						
2	10		6.612						
$ 12 DCB Decachlorobiphenyl									
1	100	6.686	6.684	0.002	17807228	0.0175			
2	2	7.842	7.842	0.000	48879142	0.0165			
						RPD = 5.51			

QC Flag Legend

Processing Flags
1 - Missing Peaks

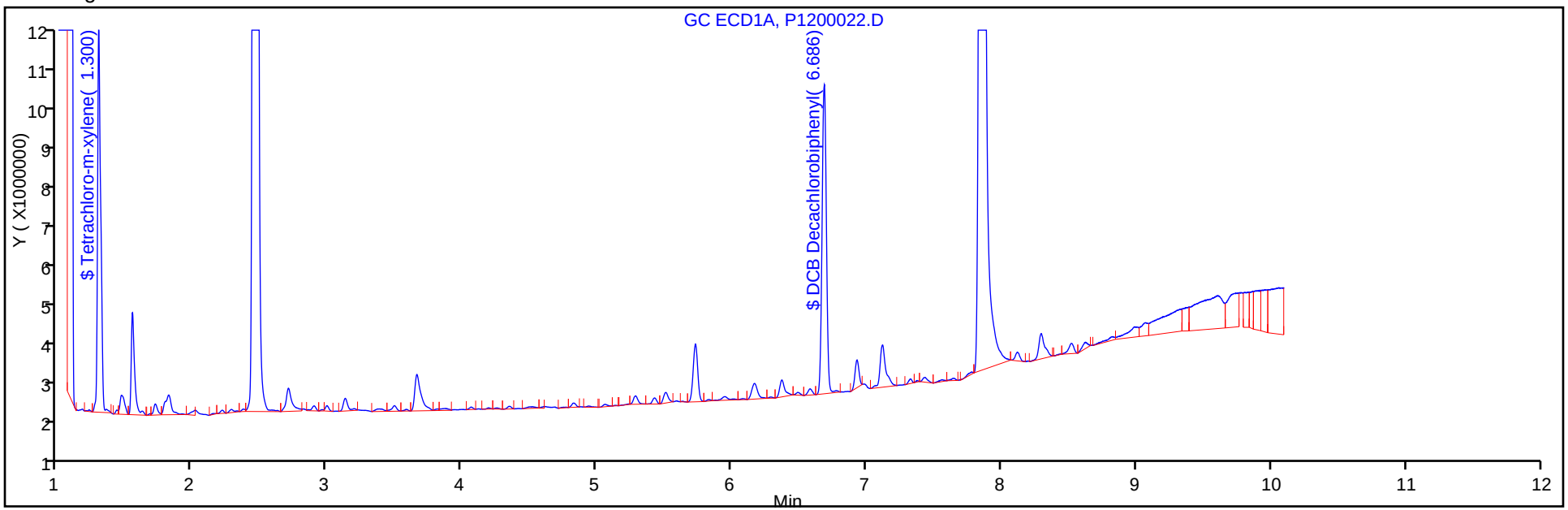
Report Date: 16-Apr-2013 09:18:11 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

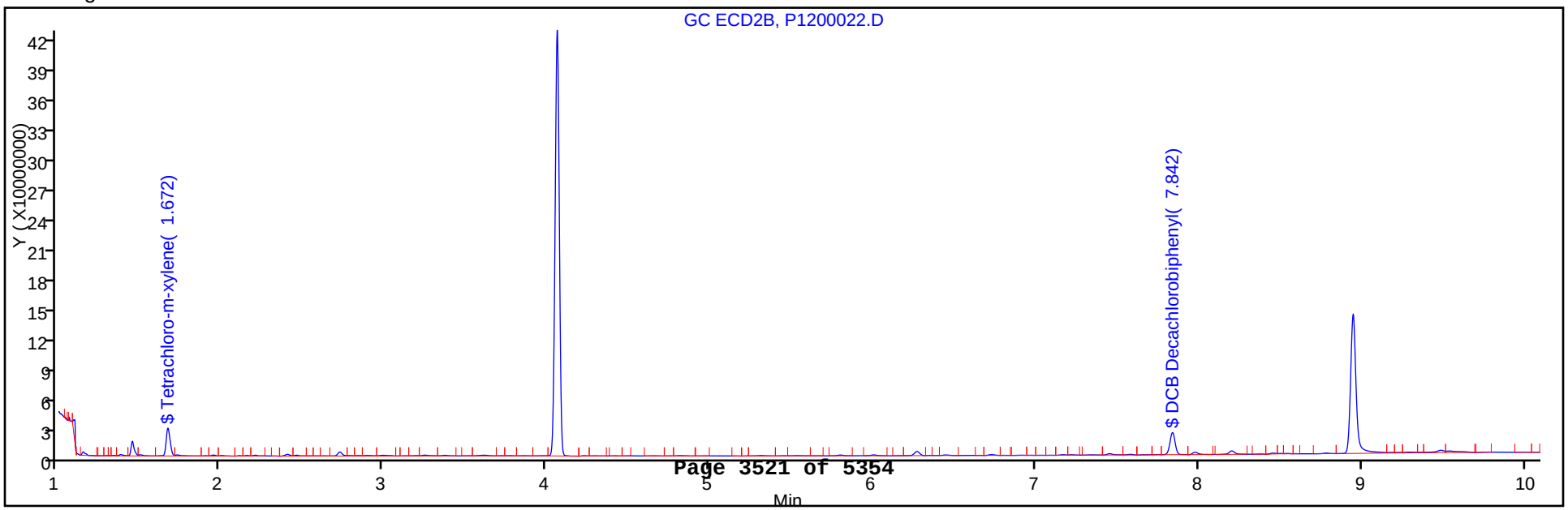
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Injection Date:	15-Apr-2013 14:36:58	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0039M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0039M-0001-SO | Lab Sample ID: 240-22648-51

Matrix: Solid | Lab File ID: P1200022.D

Analysis Method: 8082/DOD | Date Collected: 03/29/2013 08:52

Extraction Method: 3540C | Date Extracted: 04/11/2013 11:52

Sample wt/vol: 29.96(g) | Date Analyzed: 04/15/2013 14:36

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

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

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

Analysis Batch No.: 81867 | Units: ug/Kg

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

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	89		40-140
2051-24-3	DCB Decachlorobiphenyl	83		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200022.D		
Lims ID:	240-22648-C-51-D	Client ID:	068SB-0039M-0001-SO
Inject. Date:	15-Apr-2013 14:36:58	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018856-022		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	22
Lims Batch ID:	81867	Lims Sample ID:	22
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m		
Last Update:	16-Apr-2013 09:18:09	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK021		

First Level Reviewer: hassl Date: 16-Apr-2013 09:10:22

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.301	-0.001	16346539	0.0167			
2	2	1.672	1.673	-0.001	47535252	0.0178			
						RPD = 6.62			
3 PCB-1221									1
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
6 PCB-1016									
1	100		1.580						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.141						
2	7		2.541						
2	8		2.996						
2	9		3.134						
2	10		3.620						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.985						
1	2		4.272						
1	3		4.551						
1	4		5.251						
1	5		5.534						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.234						
2	10		6.612						
$ 12 DCB Decachlorobiphenyl									
1	100	6.686	6.684	0.002	17807228	0.0175			
2	2	7.842	7.842	0.000	48879142	0.0165			
						RPD = 5.51			

QC Flag Legend

Processing Flags
1 - Missing Peaks

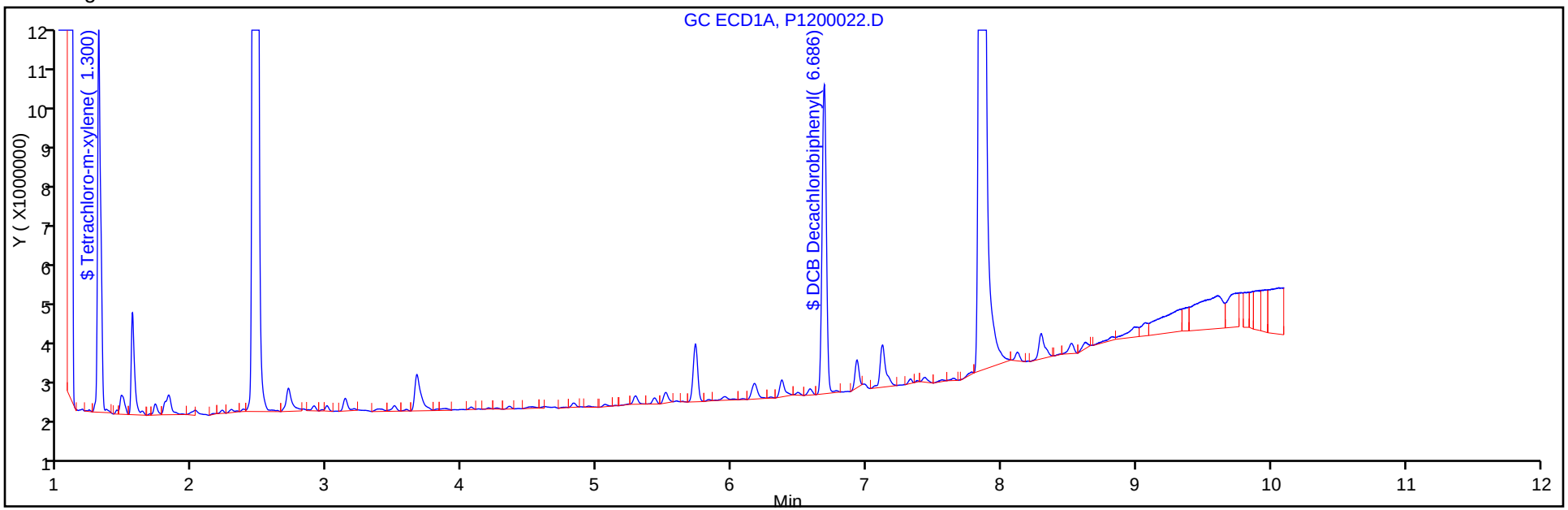
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TestAmerica Canton

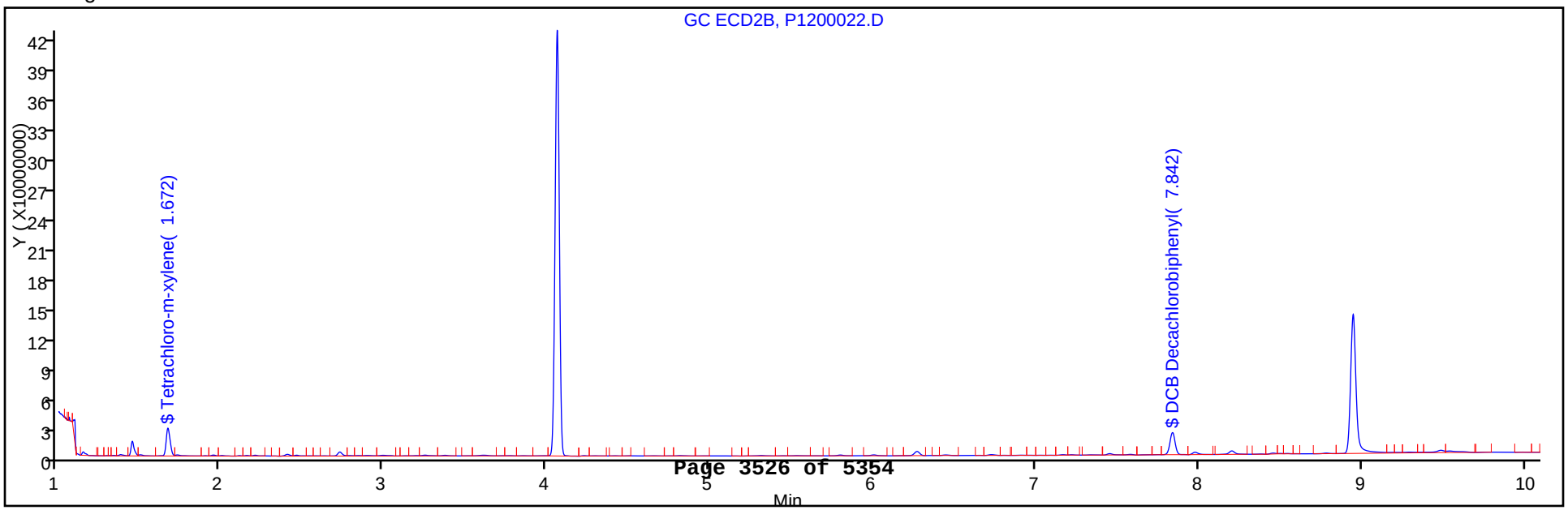
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Injection Date:	15-Apr-2013 14:36:58	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0039M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0040M-0001-SO Lab Sample ID: 240-22648-52

Matrix: Solid Lab File ID: P1200023.D

Analysis Method: 8082/DOD Date Collected: 03/29/2013 08:59

Extraction Method: 3540C Date Extracted: 04/11/2013 11:52

Sample wt/vol: 29.59(g) Date Analyzed: 04/15/2013 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.: 81867 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	68		40-140
2051-24-3	DCB Decachlorobiphenyl	77		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200023.D		
Lims ID:	240-22648-C-52-D	Client ID:	068SB-0040M-0001-SO
Inject. Date:	15-Apr-2013 14:51:35	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018856-023		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	23
Lims Batch ID:	81867	Lims Sample ID:	23
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m		
Last Update:	16-Apr-2013 09:18:09	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK021		

First Level Reviewer: hassl Date: 16-Apr-2013 09:10:46

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.301	-0.001	13402504	0.0137			
2	2	1.673	1.673	0.000	38660320	0.0145			
						RPD = 5.82			
3 PCB-1221									
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
6 PCB-1016									
1	100		1.580						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.141						
2	7		2.541						
2	8		2.996						
2	9		3.134						
2	10		3.620						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.985						
1	2		4.272						
1	3		4.551						
1	4		5.251						
1	5		5.534						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.234						
2	10		6.612						
$ 12 DCB Decachlorobiphenyl									
1	100	6.684	6.684	0.000	15628922	0.0153			
2	2	7.842	7.842	0.000	40887232	0.0138			
						RPD = 10.30			

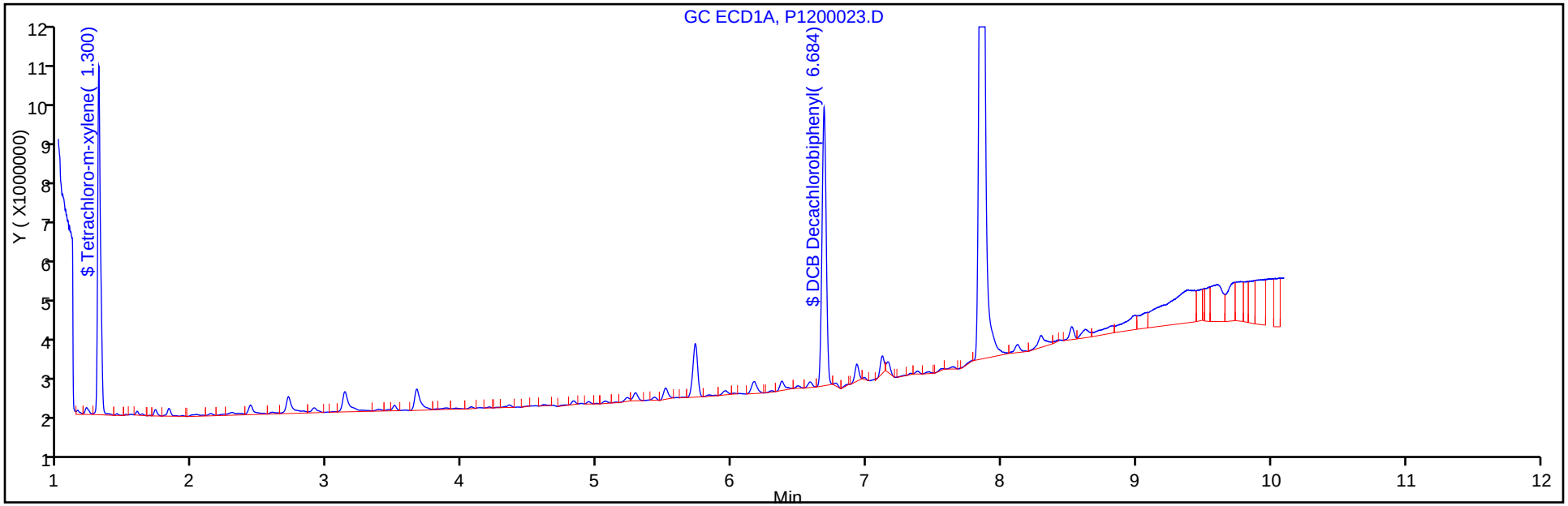
Report Date: 16-Apr-2013 09:18:11 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

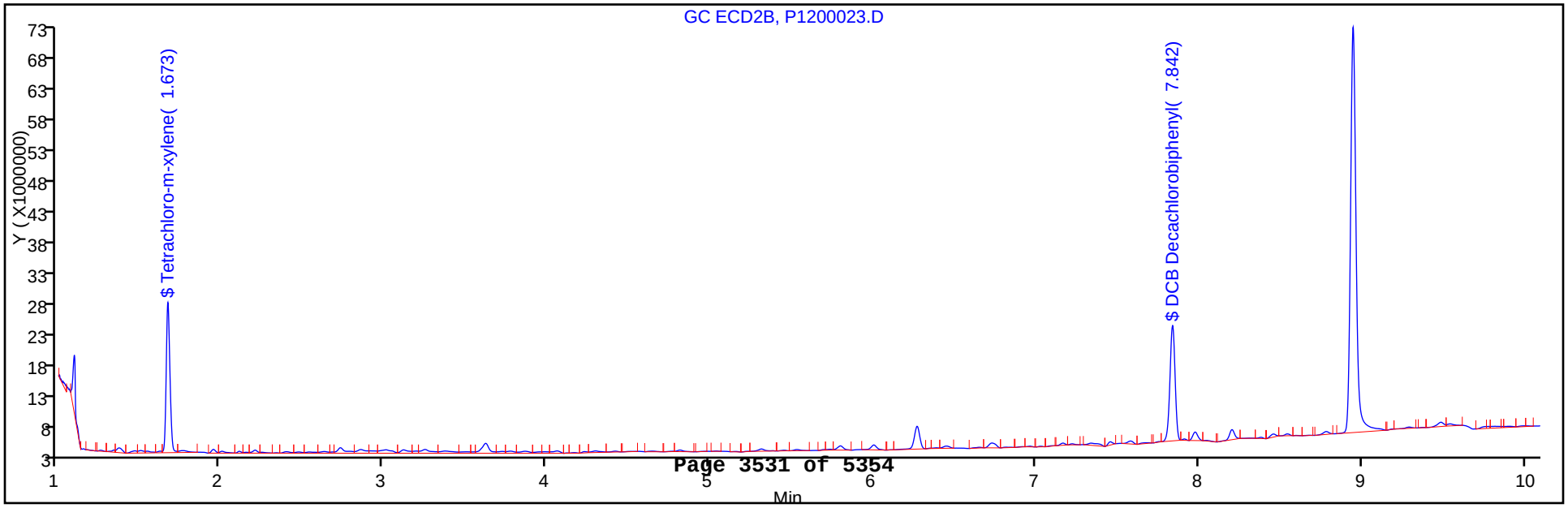
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Injection Date:	15-Apr-2013 14:51:35	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0040M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0040M-0001-SO | Lab Sample ID: 240-22648-52

Matrix: Solid | Lab File ID: P1200023.D

Analysis Method: 8082/DOD | Date Collected: 03/29/2013 08:59

Extraction Method: 3540C | Date Extracted: 04/11/2013 11:52

Sample wt/vol: 29.59(g) | Date Analyzed: 04/15/2013 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.: 81867 | 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	72		40-140
2051-24-3	DCB Decachlorobiphenyl	69		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200023.D		
Lims ID:	240-22648-C-52-D	Client ID:	068SB-0040M-0001-SO
Inject. Date:	15-Apr-2013 14:51:35	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018856-023		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	23
Lims Batch ID:	81867	Lims Sample ID:	23
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m		
Last Update:	16-Apr-2013 09:18:09	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK021		

First Level Reviewer: hassl Date: 16-Apr-2013 09:10:46

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.301	-0.001	13402504	0.0137			
2	2	1.673	1.673	0.000	38660320	0.0145			
						RPD = 5.82			
3 PCB-1221									
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
6 PCB-1016									
1	100		1.580						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.141						
2	7		2.541						
2	8		2.996						
2	9		3.134						
2	10		3.620						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.985						
1	2		4.272						
1	3		4.551						
1	4		5.251						
1	5		5.534						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.234						
2	10		6.612						
$ 12 DCB Decachlorobiphenyl									
1	100	6.684	6.684	0.000	15628922	0.0153			
2	2	7.842	7.842	0.000	40887232	0.0138			
						RPD = 10.30			

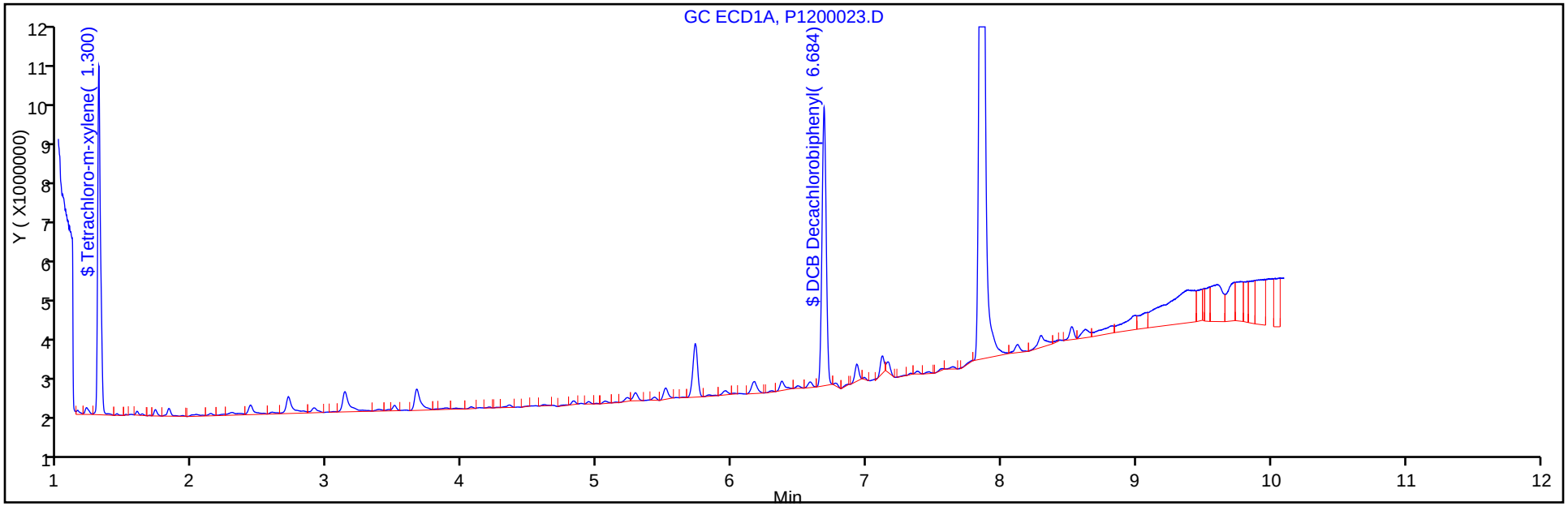
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TestAmerica Canton

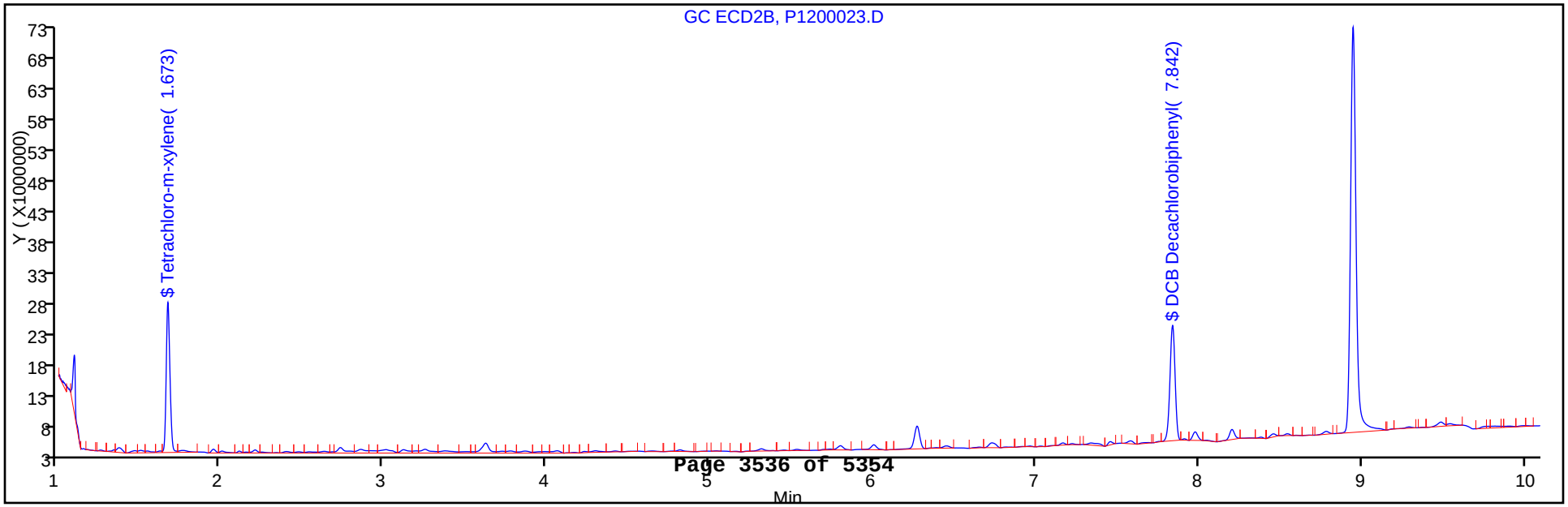
Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200023.D

Injection Date:	15-Apr-2013 14:51:35	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0040M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	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:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0041M-0001-SO | Lab Sample ID: 240-22648-53

Matrix: Solid | Lab File ID: P1200028.D

Analysis Method: 8082/DOD | Date Collected: 03/29/2013 09:12

Extraction Method: 3540C | Date Extracted: 04/08/2013 11:10

Sample wt/vol: 29.89(g) | Date Analyzed: 04/11/2013 14:26

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

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

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

Analysis Batch No.: 81439 | Units: ug/Kg

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

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	64		40-140
2051-24-3	DCB Decachlorobiphenyl	63		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200028.D		
Lims ID:	240-22648-G-53-E	Client ID:	068SB-0041M-0001-SO
Inject. Date:	11-Apr-2013 14:26:21	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018757-028		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	28
Lims Batch ID:	81439	Lims Sample ID:	28
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130411-18757.b\PCB12.m		
Last Update:	12-Apr-2013 08:13:51	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK025		
First Level Reviewer: hassl		Date:	12-Apr-2013 08:11:33

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	1.300	0.002	12581223	0.0128			
2	2	1.674	1.672	0.002	35145435	0.0132			
						RPD = 2.61			
3 PCB-1221									
1	2		1.435						
1	3		1.560						
1	4		1.577						
2	4		1.950						
2	5		2.082						
2	6		2.139						
6 PCB-1016									
1	100		1.578						
1	2		1.868						
1	3		2.268						
1	4		2.391						
1	5		2.776						
2	6		2.138						
2	7		2.538						
2	8		2.993						
2	9		3.133						
2	10		3.619						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.578						
1	2		1.869						
1	3		2.269						
1	4		2.392						
1	5		2.777						
2	6		2.139						
2	7		2.539						
2	8		2.995						
2	9		3.133						
2	10		3.620						
4 PCB-1232									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.778						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.134						
2	10		3.745						
7 PCB-1248									
1	86		1.867						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.796						
2	6		2.537						
2	7		2.993						
2	8		3.618						
2	9		4.062						
2	10		4.742						
8 PCB-1254									
1	100		3.407						
1	2		3.794						
1	3		4.077						
1	4		4.271						
1	5		4.552						
2	6		4.269						
2	7		4.742						
2	8		4.989						
2	9		5.347						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.984						
1	2		4.272						
1	3		4.550						
1	4		5.251						
1	5		5.533						
2	6		4.951						
2	7		5.183						
2	8		5.548						
2	9		6.233						
2	10		6.612						
$ 12 DCB Decachlorobiphenyl									
1	100	6.684	6.683	0.001	12760283	0.0125			
2	2	7.841	7.842	-0.001	32567193	0.0110			
						RPD = 12.77			

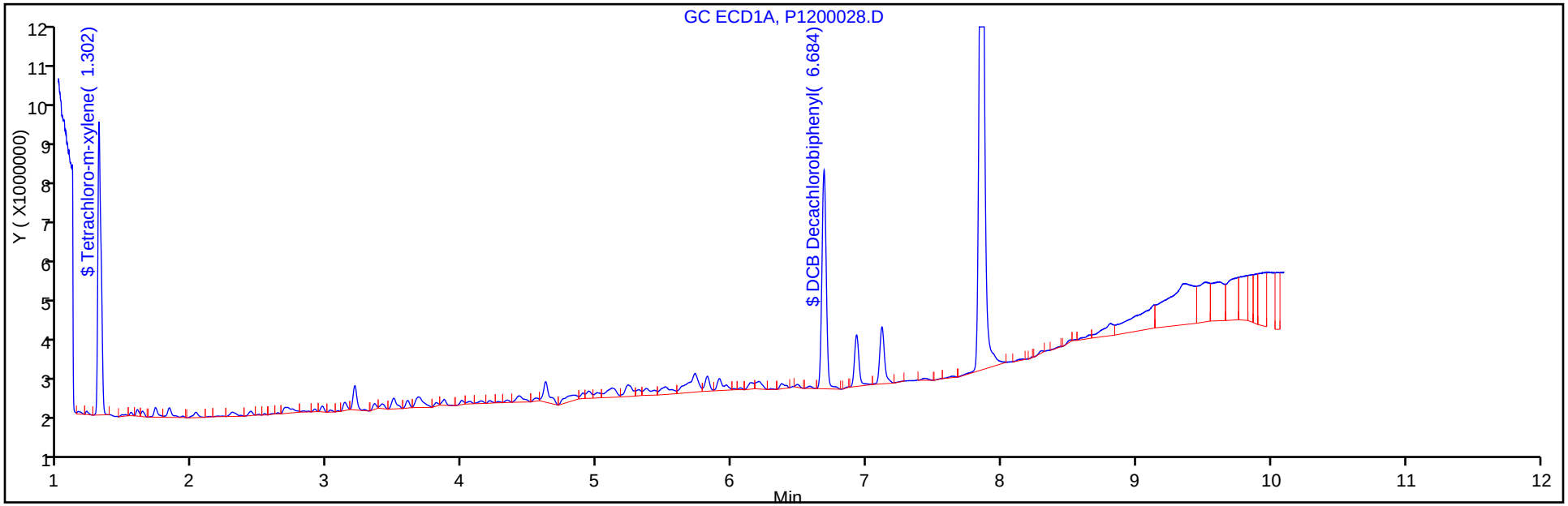
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TestAmerica Canton

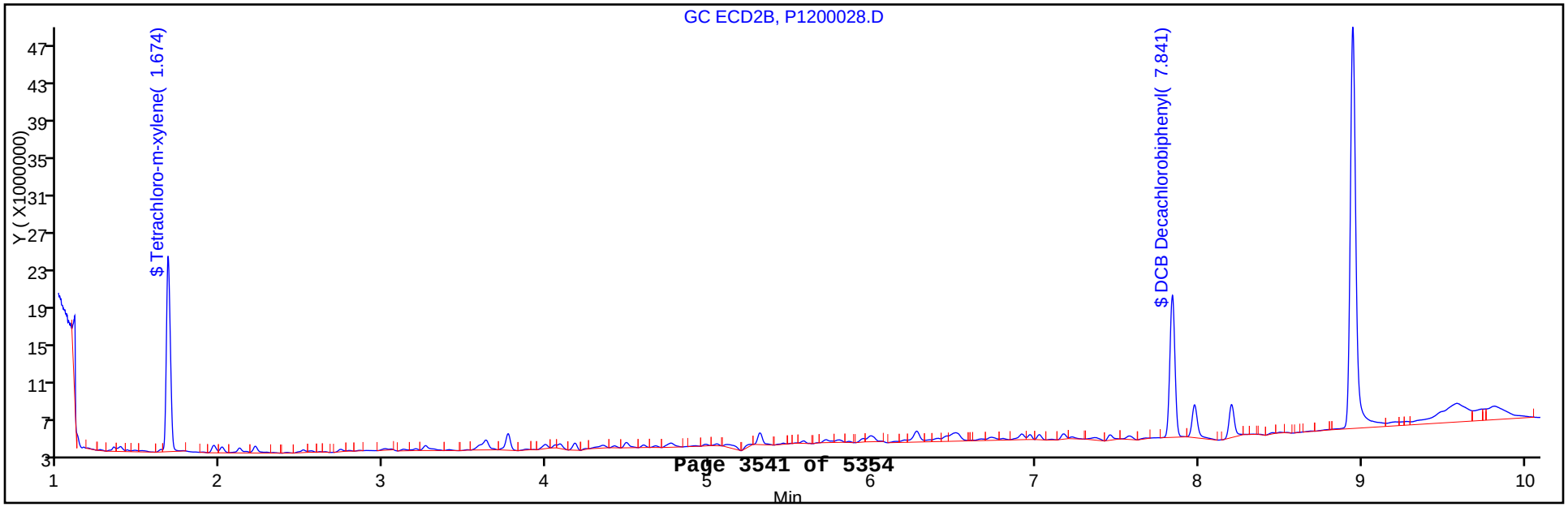
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Injection Date:	11-Apr-2013 14:26:21	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0041M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81439	Lims Sample ID:	28
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0041M-0001-SO Lab Sample ID: 240-22648-53

Matrix: Solid Lab File ID: P1200028.D

Analysis Method: 8082/DOD Date Collected: 03/29/2013 09:12

Extraction Method: 3540C Date Extracted: 04/08/2013 11:10

Sample wt/vol: 29.89(g) Date Analyzed: 04/11/2013 14:26

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

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

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

Analysis Batch No.: 81439 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	66		40-140
2051-24-3	DCB Decachlorobiphenyl	55	Q	60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130411-18757.b\P1200028.D		
Lims ID:	240-22648-G-53-E	Client ID:	068SB-0041M-0001-SO
Inject. Date:	11-Apr-2013 14:26:21	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018757-028		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	28
Lims Batch ID:	81439	Lims Sample ID:	28
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130411-18757.b\PCB12.m		
Last Update:	12-Apr-2013 08:13:51	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK025		
First Level Reviewer: hassl		Date:	12-Apr-2013 08:11:33

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	1.300	0.002	12581223	0.0128			
2	2	1.674	1.672	0.002	35145435	0.0132			
						RPD = 2.61			
3 PCB-1221									
1	2		1.435						
1	3		1.560						
1	4		1.577						
2	4		1.950						
2	5		2.082						
2	6		2.139						
6 PCB-1016									
1	100		1.578						
1	2		1.868						
1	3		2.268						
1	4		2.391						
1	5		2.776						
2	6		2.138						
2	7		2.538						
2	8		2.993						
2	9		3.133						
2	10		3.619						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.578						
1	2		1.869						
1	3		2.269						
1	4		2.392						
1	5		2.777						
2	6		2.139						
2	7		2.539						
2	8		2.995						
2	9		3.133						
2	10		3.620						
4 PCB-1232									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.778						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.134						
2	10		3.745						
7 PCB-1248									
1	86		1.867						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.796						
2	6		2.537						
2	7		2.993						
2	8		3.618						
2	9		4.062						
2	10		4.742						
8 PCB-1254									
1	100		3.407						
1	2		3.794						
1	3		4.077						
1	4		4.271						
1	5		4.552						
2	6		4.269						
2	7		4.742						
2	8		4.989						
2	9		5.347						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.984						
1	2		4.272						
1	3		4.550						
1	4		5.251						
1	5		5.533						
2	6		4.951						
2	7		5.183						
2	8		5.548						
2	9		6.233						
2	10		6.612						
$ 12 DCB Decachlorobiphenyl									
1	100	6.684	6.683	0.001	12760283	0.0125			
2	2	7.841	7.842	-0.001	32567193	0.0110			
						RPD = 12.77			

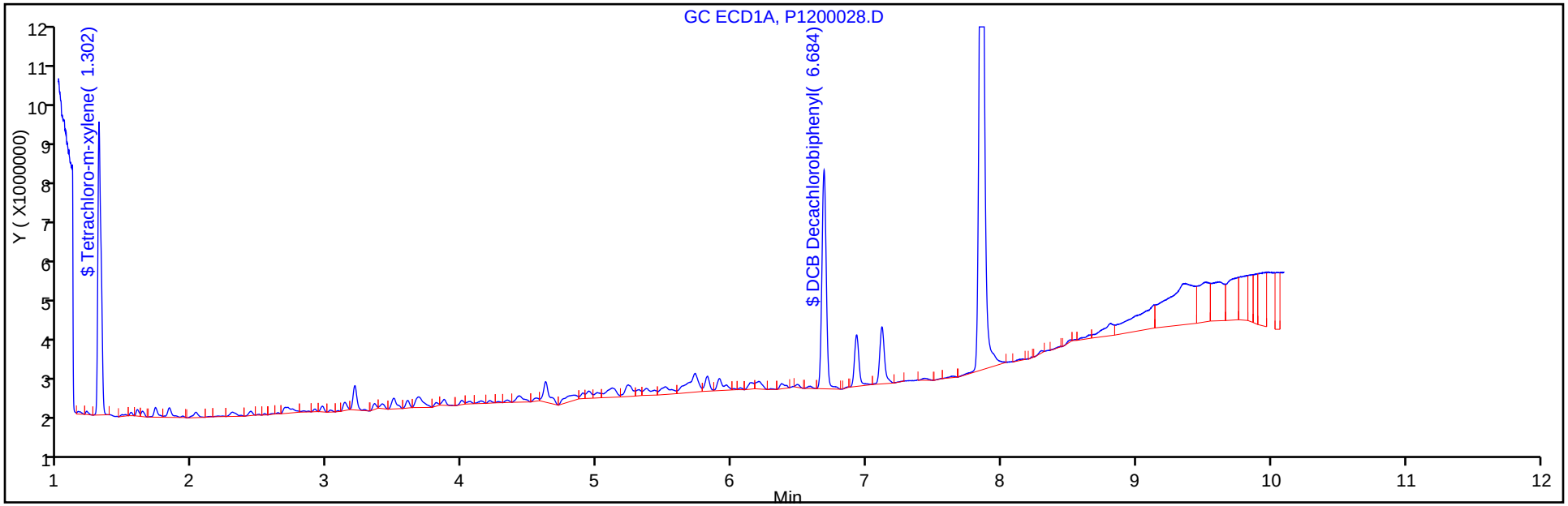
Report Date: 12-Apr-2013 08:13:58 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

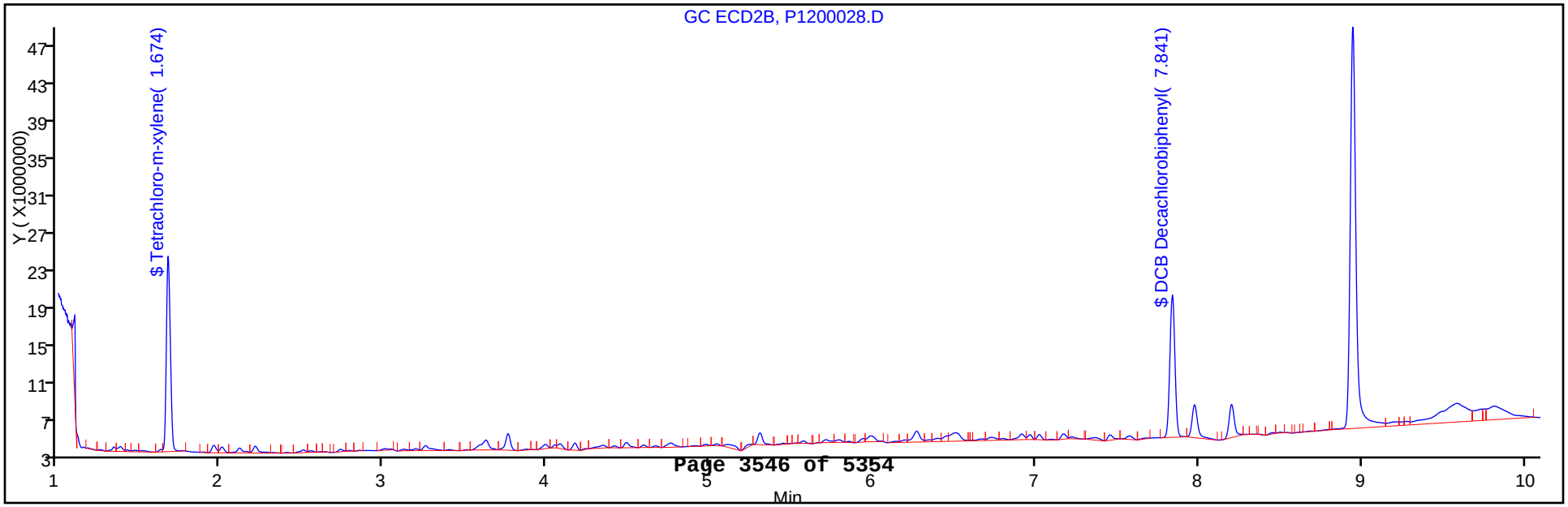
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Injection Date:	11-Apr-2013 14:26:21	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0041M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81439	Lims Sample ID:	28
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0042M-0001-SO Lab Sample ID: 240-22648-54

Matrix: Solid Lab File ID: P1200024.D

Analysis Method: 8082/DOD Date Collected: 03/29/2013 08:33

Extraction Method: 3540C Date Extracted: 04/11/2013 11:52

Sample wt/vol: 29.78(g) Date Analyzed: 04/15/2013 15:06

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.: 81867 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	70		40-140
2051-24-3	DCB Decachlorobiphenyl	64		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200024.D		
Lims ID:	240-22648-C-54-D	Client ID:	068SB-0042M-0001-SO
Inject. Date:	15-Apr-2013 15:06:14	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018856-024		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	24
Lims Batch ID:	81867	Lims Sample ID:	24
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m		
Last Update:	16-Apr-2013 09:18:09	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK021		

First Level Reviewer: hassl Date: 16-Apr-2013 09:10:38

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	1.301	0.000	13793956	0.0141			
2	2	1.673	1.673	0.000	37297028	0.0140			
						RPD = 0.65			
3 PCB-1221									1
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
6 PCB-1016									
1	100		1.580						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.141						
2	7		2.541						
2	8		2.996						
2	9		3.134						
2	10		3.620						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.985						
1	2		4.272						
1	3		4.551						
1	4		5.251						
1	5		5.534						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.234						
2	10		6.612						
$ 12 DCB Decachlorobiphenyl									
1	100	6.684	6.684	0.000	13154804	0.0129			
2	2	7.841	7.842	-0.001	36328990	0.0123			
						RPD = 4.90			

QC Flag Legend

Processing Flags
1 - Missing Peaks

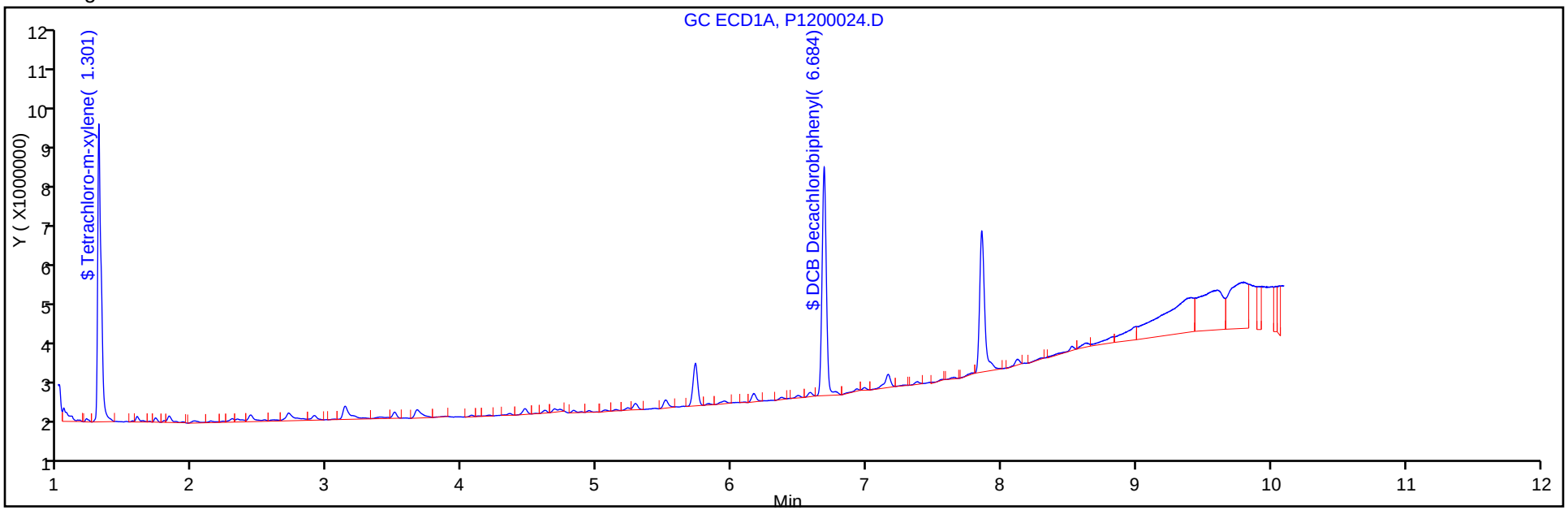
Report Date: 16-Apr-2013 09:18:12 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

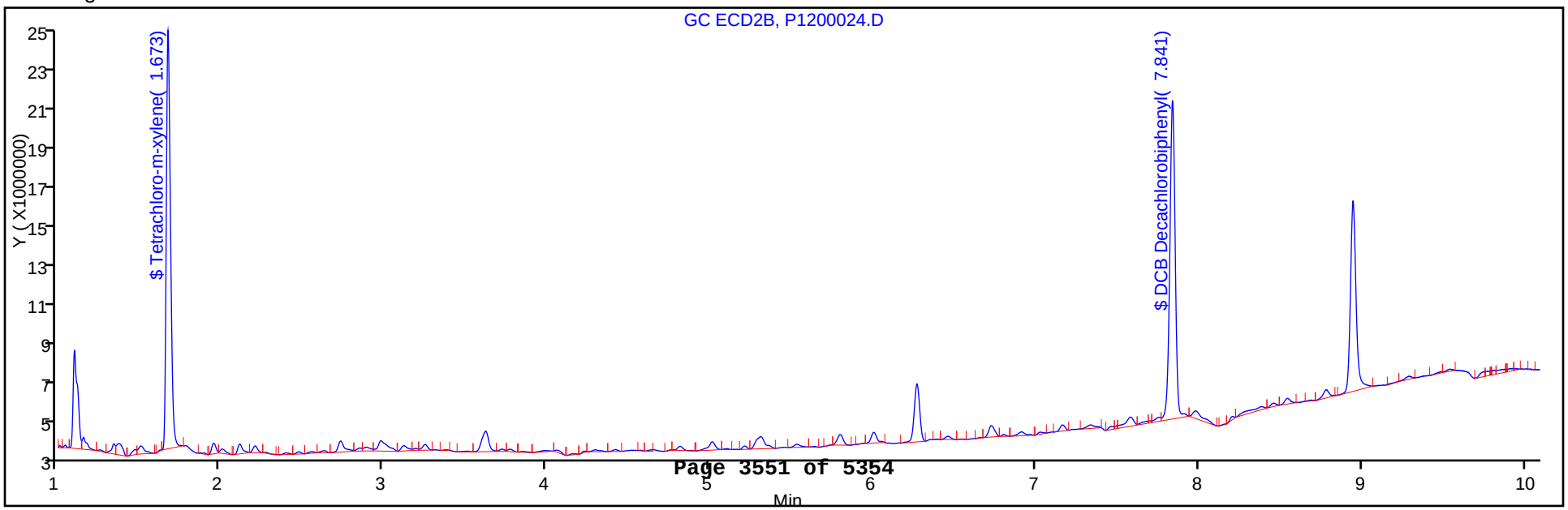
Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200024.D

Injection Date:	15-Apr-2013 15:06:14	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0042M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	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:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0042M-0001-SO | Lab Sample ID: 240-22648-54

Matrix: Solid | Lab File ID: P1200024.D

Analysis Method: 8082/DOD | Date Collected: 03/29/2013 08:33

Extraction Method: 3540C | Date Extracted: 04/11/2013 11:52

Sample wt/vol: 29.78(g) | Date Analyzed: 04/15/2013 15:06

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.: 81867 | Units: ug/Kg

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

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	70		40-140
2051-24-3	DCB Decachlorobiphenyl	61		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200024.D		
Lims ID:	240-22648-C-54-D	Client ID:	068SB-0042M-0001-SO
Inject. Date:	15-Apr-2013 15:06:14	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018856-024		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	24
Lims Batch ID:	81867	Lims Sample ID:	24
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m		
Last Update:	16-Apr-2013 09:18:09	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK021		

First Level Reviewer: hassl Date: 16-Apr-2013 09:10:38

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	1.301	0.000	13793956	0.0141			
2	2	1.673	1.673	0.000	37297028	0.0140			
						RPD = 0.65			
3 PCB-1221									1
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
6 PCB-1016									
1	100		1.580						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.141						
2	7		2.541						
2	8		2.996						
2	9		3.134						
2	10		3.620						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.985						
1	2		4.272						
1	3		4.551						
1	4		5.251						
1	5		5.534						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.234						
2	10		6.612						
$ 12 DCB Decachlorobiphenyl									
1	100	6.684	6.684	0.000	13154804	0.0129			
2	2	7.841	7.842	-0.001	36328990	0.0123			
						RPD = 4.90			

QC Flag Legend

Processing Flags
1 - Missing Peaks

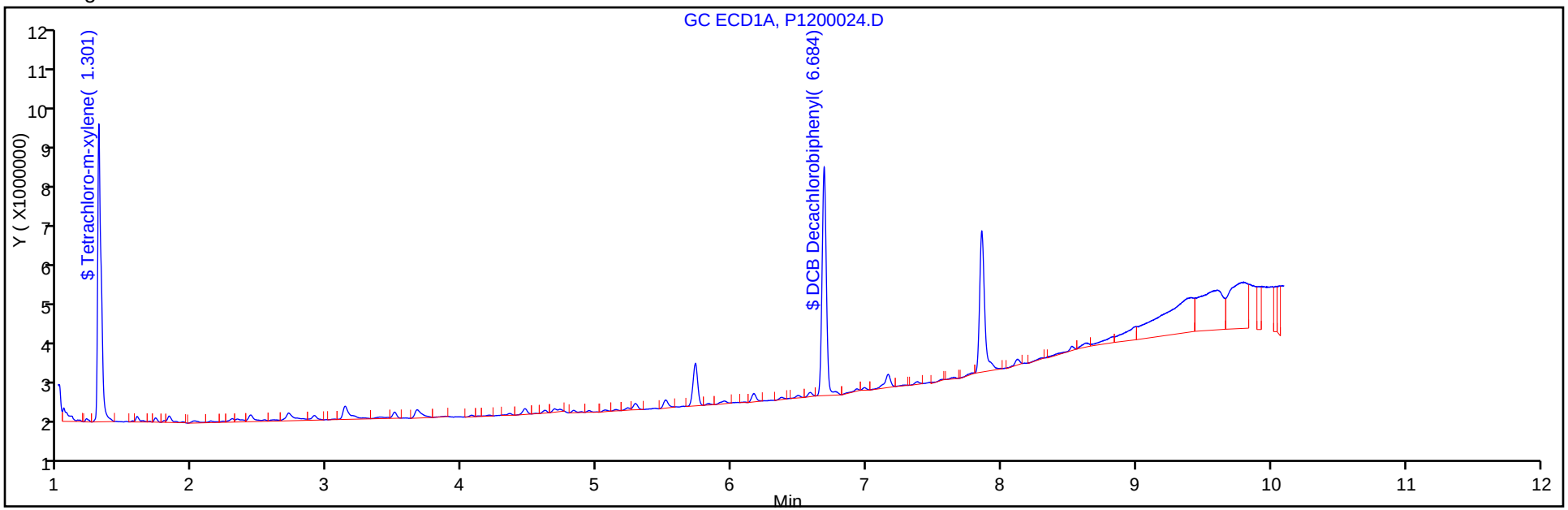
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TestAmerica Canton

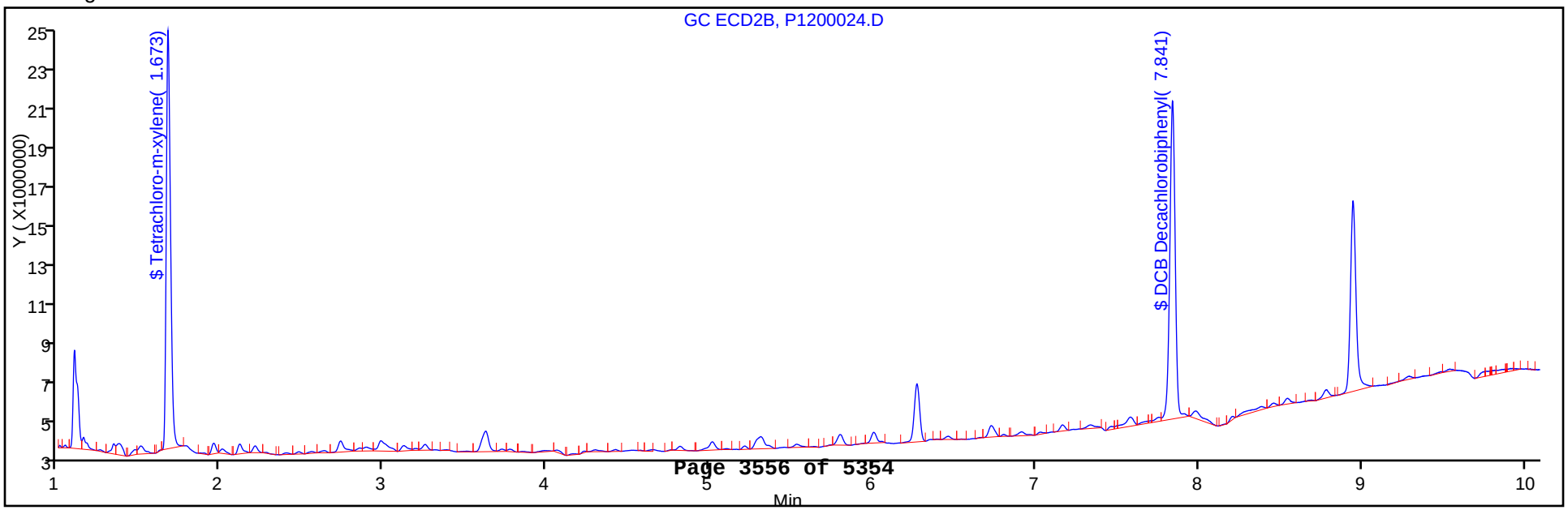
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Injection Date:	15-Apr-2013 15:06:14	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0042M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	24
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0050M-0001-SO Lab Sample ID: 240-22648-55

Matrix: Solid Lab File ID: P1200025.D

Analysis Method: 8082/DOD Date Collected: 03/29/2013 11:57

Extraction Method: 3540C Date Extracted: 04/11/2013 11:52

Sample wt/vol: 30.06(g) Date Analyzed: 04/15/2013 15:20

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.: 81867 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	76		40-140
2051-24-3	DCB Decachlorobiphenyl	78		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200025.D		
Lims ID:	240-22648-C-55-D	Client ID:	068SB-0050M-0001-SO
Inject. Date:	15-Apr-2013 15:20:24	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018856-025		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	25
Lims Batch ID:	81867	Lims Sample ID:	25
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m		
Last Update:	16-Apr-2013 09:18:09	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK021		

First Level Reviewer: hassl Date: 16-Apr-2013 09:10:55

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.301	-0.001	14837034	0.0151			
2	2	1.673	1.673	0.000	43187561	0.0162			
						RPD = 6.72			
3 PCB-1221									
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
6 PCB-1016									
1	100		1.580						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.141						
2	7		2.541						
2	8		2.996						
2	9		3.134						
2	10		3.620						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.985						
1	2		4.272						
1	3		4.551						
1	4		5.251						
1	5		5.534						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.234						
2	10		6.612						
$ 12 DCB Decachlorobiphenyl									
1	100	6.686	6.684	0.002	15914518	0.0156			
2	2	7.841	7.842	-0.001	42188042	0.0143			
						RPD = 8.99			

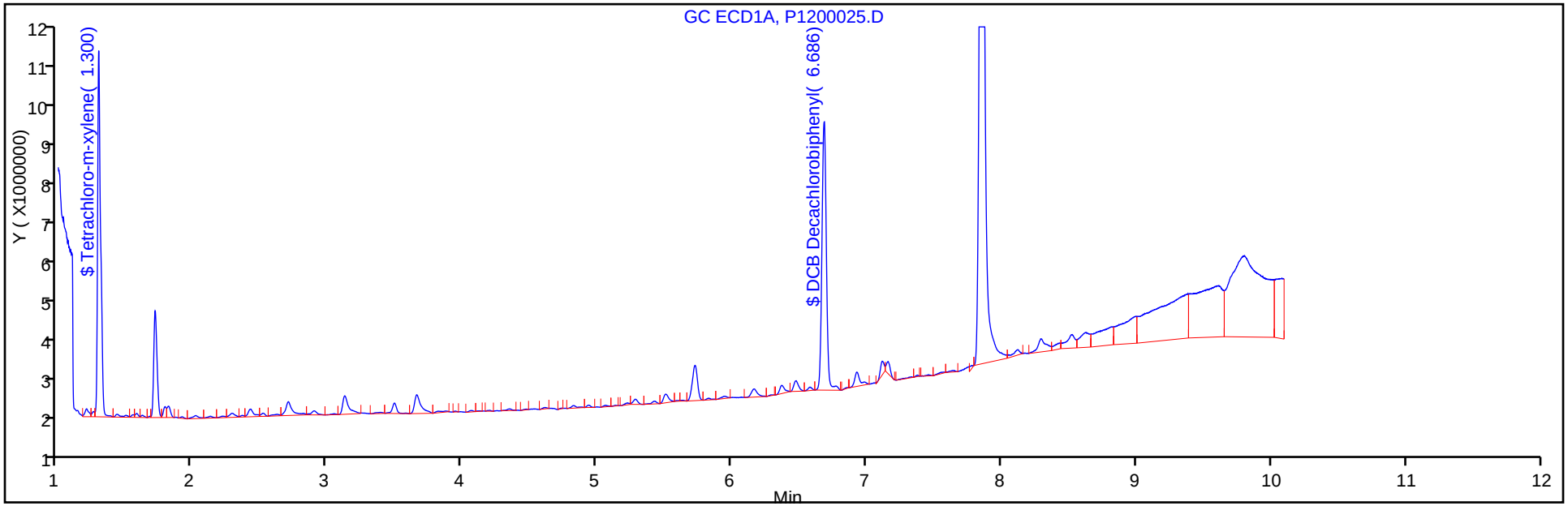
Report Date: 16-Apr-2013 09:18:13 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

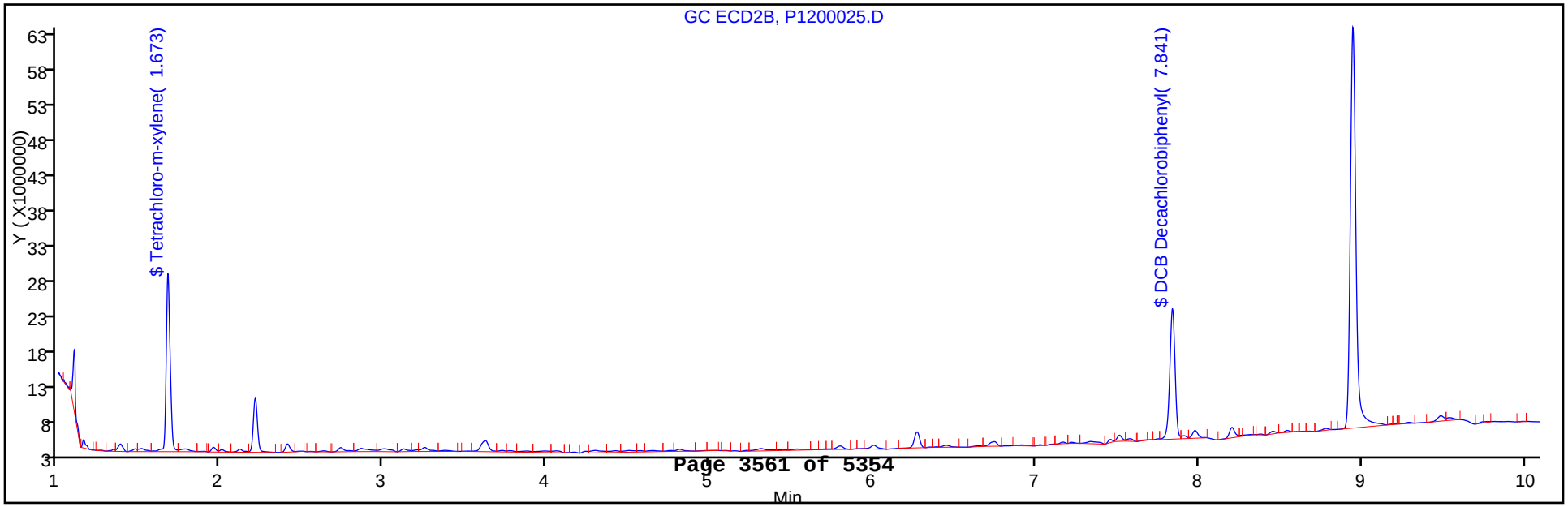
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Injection Date:	15-Apr-2013 15:20:24	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0050M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	25
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0050M-0001-SO | Lab Sample ID: 240-22648-55

Matrix: Solid | Lab File ID: P1200025.D

Analysis Method: 8082/DOD | Date Collected: 03/29/2013 11:57

Extraction Method: 3540C | Date Extracted: 04/11/2013 11:52

Sample wt/vol: 30.06(g) | Date Analyzed: 04/15/2013 15:20

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.: 81867 | Units: ug/Kg

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

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	81		40-140
2051-24-3	DCB Decachlorobiphenyl	71		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200025.D		
Lims ID:	240-22648-C-55-D	Client ID:	068SB-0050M-0001-SO
Inject. Date:	15-Apr-2013 15:20:24	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018856-025		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	25
Lims Batch ID:	81867	Lims Sample ID:	25
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m		
Last Update:	16-Apr-2013 09:18:09	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK021		

First Level Reviewer: hassl Date: 16-Apr-2013 09:10:55

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.301	-0.001	14837034	0.0151			
2	2	1.673	1.673	0.000	43187561	0.0162			
						RPD = 6.72			
3 PCB-1221									
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
6 PCB-1016									
1	100		1.580						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.141						
2	7		2.541						
2	8		2.996						
2	9		3.134						
2	10		3.620						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.985						
1	2		4.272						
1	3		4.551						
1	4		5.251						
1	5		5.534						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.234						
2	10		6.612						
$ 12 DCB Decachlorobiphenyl									
1	100	6.686	6.684	0.002	15914518	0.0156			
2	2	7.841	7.842	-0.001	42188042	0.0143			
						RPD = 8.99			

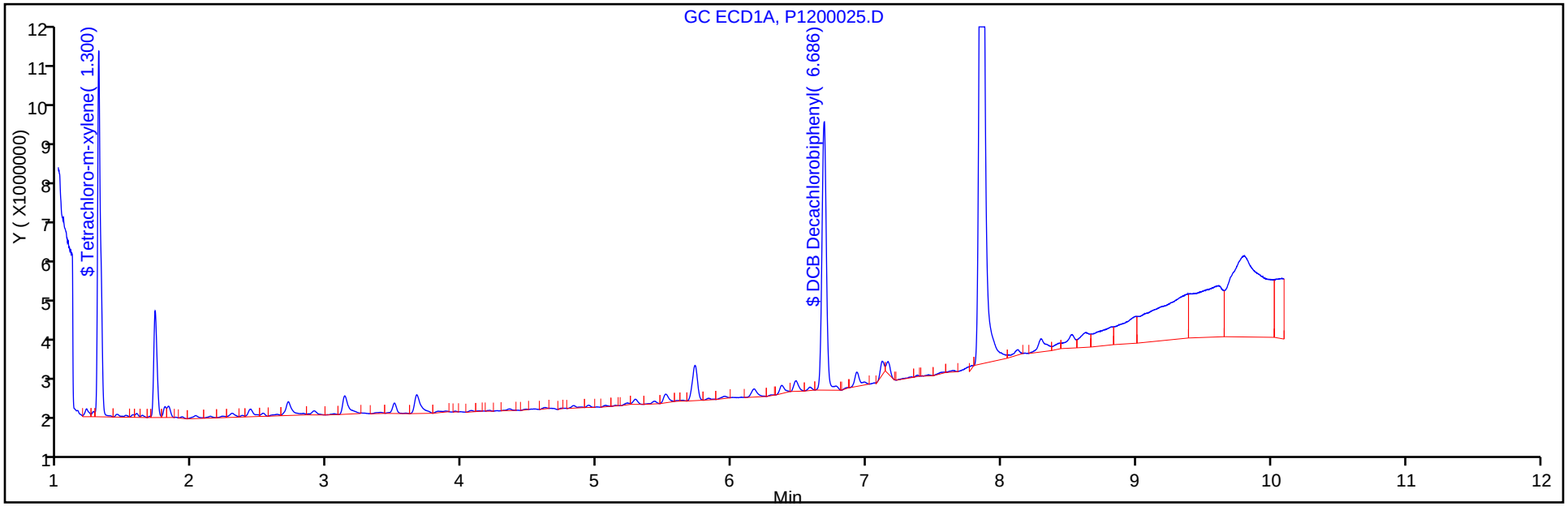
Report Date: 16-Apr-2013 09:18:13 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

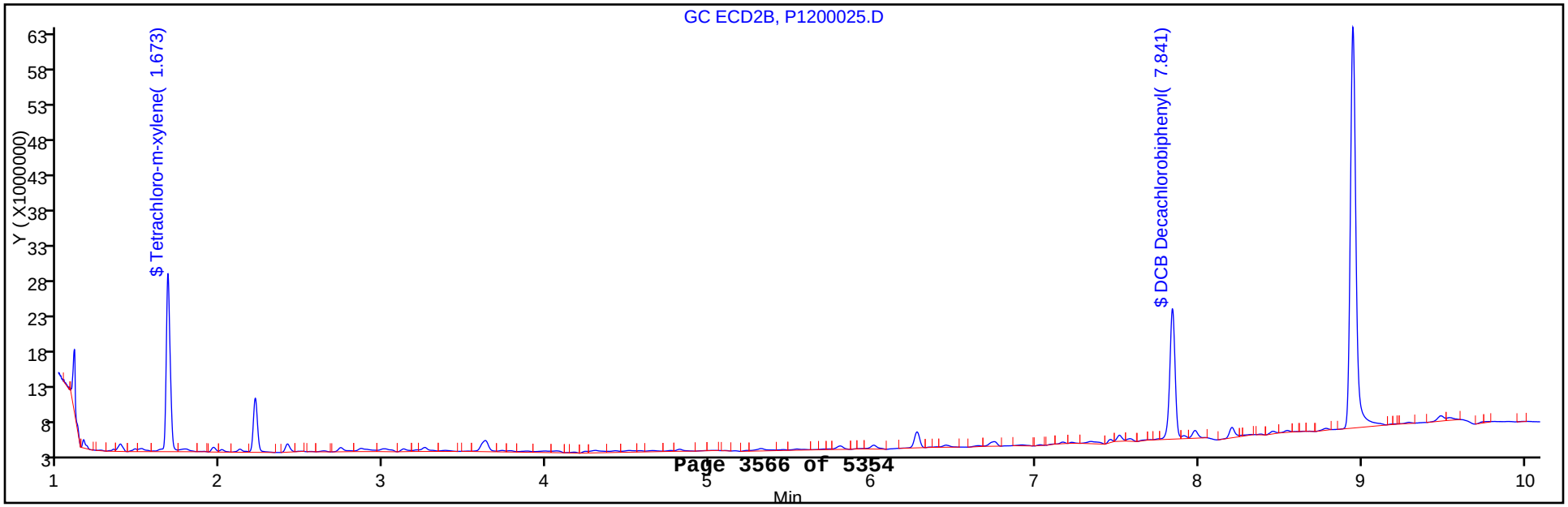
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Injection Date:	15-Apr-2013 15:20:24	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0050M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	25
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0051M-0001-SO Lab Sample ID: 240-22648-56

Matrix: Solid Lab File ID: P1200026.D

Analysis Method: 8082/DOD Date Collected: 03/29/2013 11:58

Extraction Method: 3540C Date Extracted: 04/11/2013 11:52

Sample wt/vol: 30.22(g) Date Analyzed: 04/15/2013 15:35

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.: 81867 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	82		40-140
2051-24-3	DCB Decachlorobiphenyl	81		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200026.D		
Lims ID:	240-22648-C-56-D	Client ID:	068SB-0051M-0001-SO
Inject. Date:	15-Apr-2013 15:35:05	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018856-026		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	26
Lims Batch ID:	81867	Lims Sample ID:	26
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m		
Last Update:	16-Apr-2013 09:18:09	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK021		

First Level Reviewer: hassl Date: 16-Apr-2013 09:11:04

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	1.301	0.001	16029627	0.0163			
2	2	1.675	1.673	0.002	44815635	0.0168			
						RPD = 2.69			
3 PCB-1221									1
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
6 PCB-1016									
1	100		1.580						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.141						
2	7		2.541						
2	8		2.996						
2	9		3.134						
2	10		3.620						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.985						
1	2		4.272						
1	3		4.551						
1	4		5.251						
1	5		5.534						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.234						
2	10		6.612						
$ 12 DCB Decachlorobiphenyl									
1	100	6.685	6.684	0.001	16435756	0.0161			
2	2	7.843	7.842	0.001	46914886	0.0159			
						RPD = 1.60			

QC Flag Legend

Processing Flags
1 - Missing Peaks

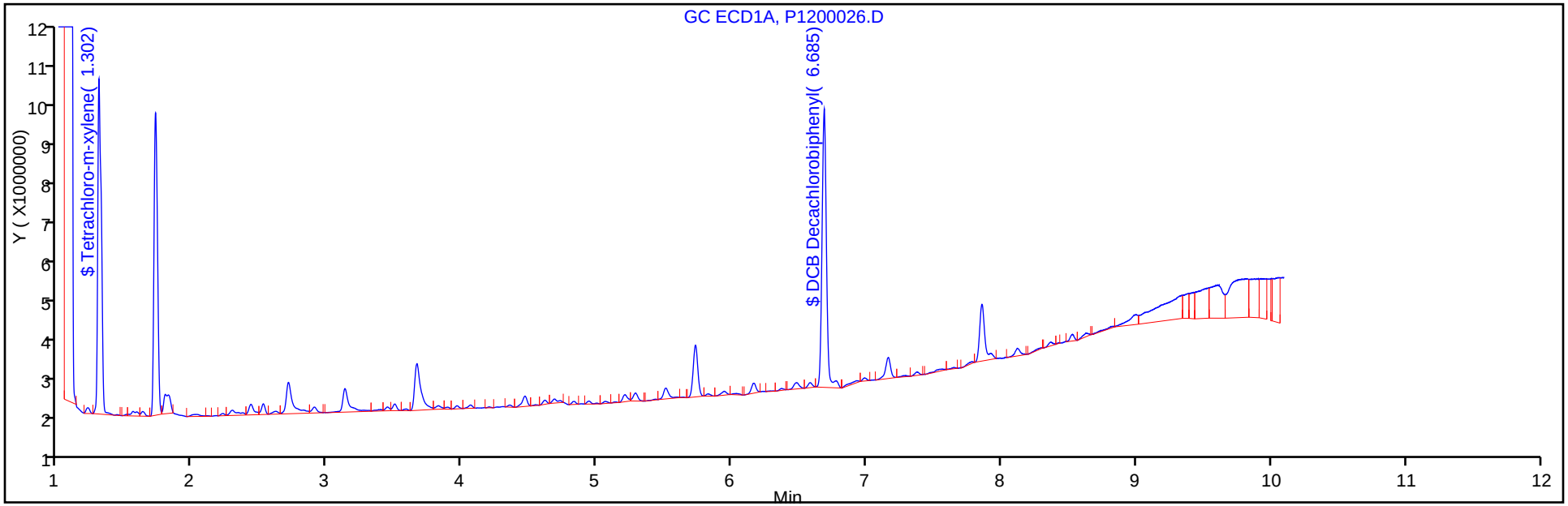
Report Date: 16-Apr-2013 09:18:13 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

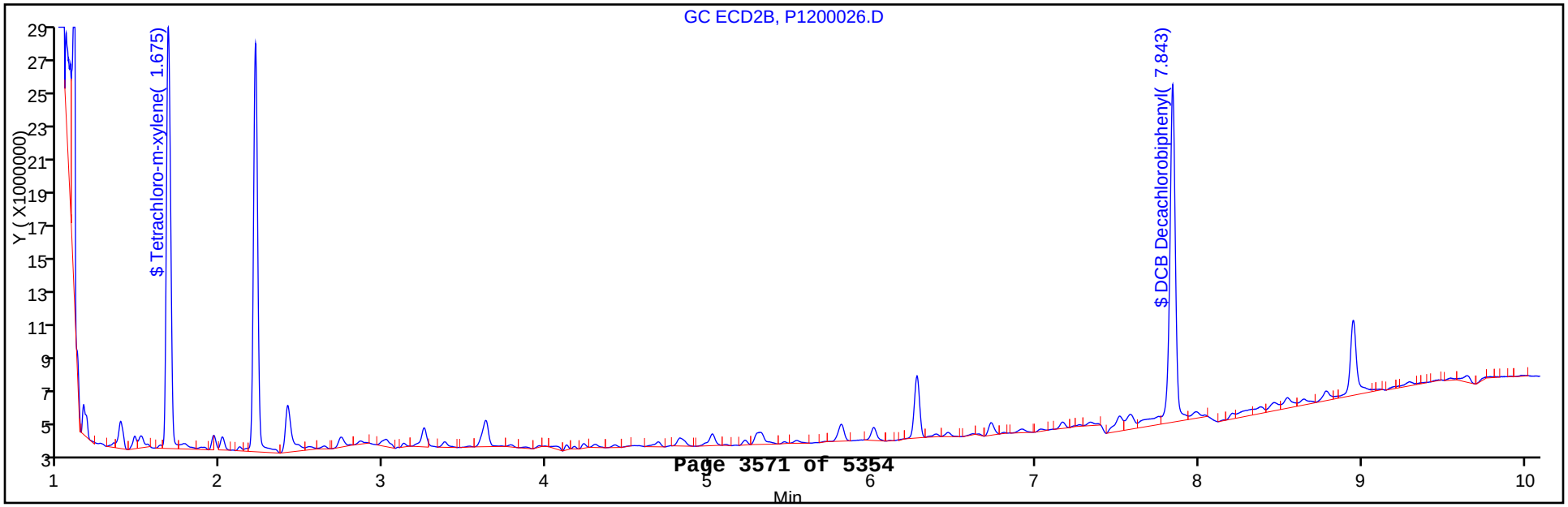
Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200026.D

Injection Date:	15-Apr-2013 15:35:05	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0051M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	26
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0051M-0001-SO | Lab Sample ID: 240-22648-56

Matrix: Solid | Lab File ID: P1200026.D

Analysis Method: 8082/DOD | Date Collected: 03/29/2013 11:58

Extraction Method: 3540C | Date Extracted: 04/11/2013 11:52

Sample wt/vol: 30.22(g) | Date Analyzed: 04/15/2013 15:35

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.: 81867 | Units: ug/Kg

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

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	84		40-140
2051-24-3	DCB Decachlorobiphenyl	79		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200026.D		
Lims ID:	240-22648-C-56-D	Client ID:	068SB-0051M-0001-SO
Inject. Date:	15-Apr-2013 15:35:05	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018856-026		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	26
Lims Batch ID:	81867	Lims Sample ID:	26
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m		
Last Update:	16-Apr-2013 09:18:09	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK021		

First Level Reviewer: hassl Date: 16-Apr-2013 09:11:04

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	1.301	0.001	16029627	0.0163			
2	2	1.675	1.673	0.002	44815635	0.0168			
						RPD = 2.69			
3 PCB-1221									1
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
6 PCB-1016									
1	100		1.580						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.141						
2	7		2.541						
2	8		2.996						
2	9		3.134						
2	10		3.620						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.985						
1	2		4.272						
1	3		4.551						
1	4		5.251						
1	5		5.534						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.234						
2	10		6.612						
$ 12 DCB Decachlorobiphenyl									
1	100	6.685	6.684	0.001	16435756	0.0161			
2	2	7.843	7.842	0.001	46914886	0.0159			
						RPD = 1.60			

QC Flag Legend

Processing Flags
1 - Missing Peaks

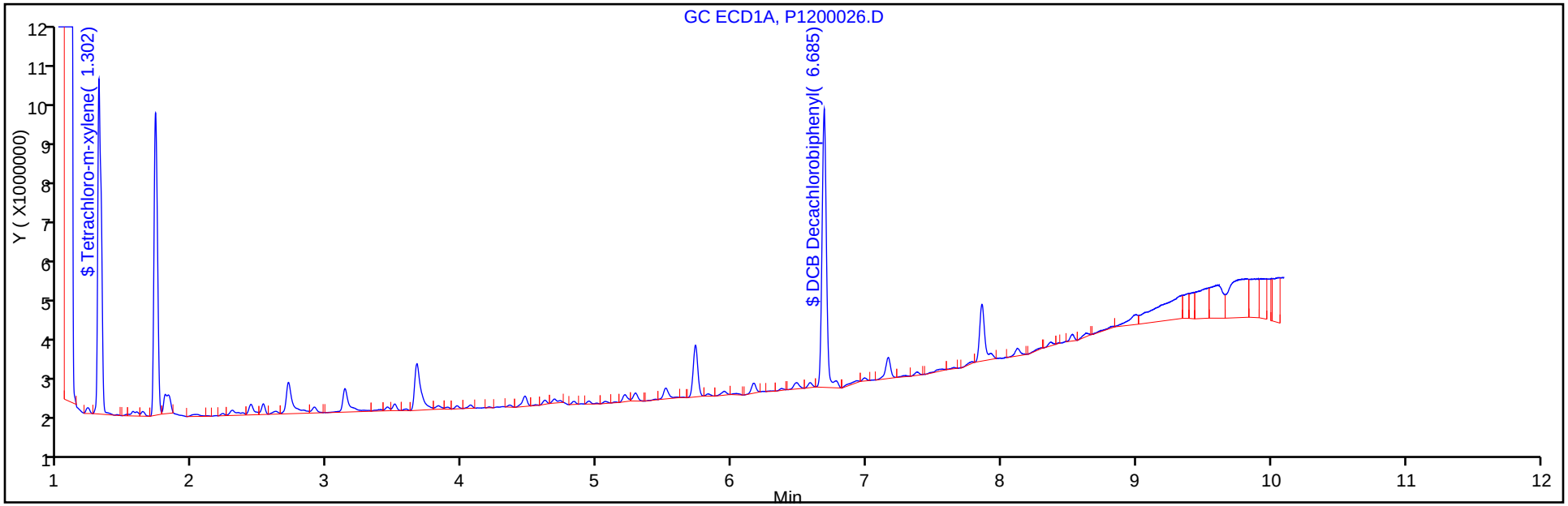
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TestAmerica Canton

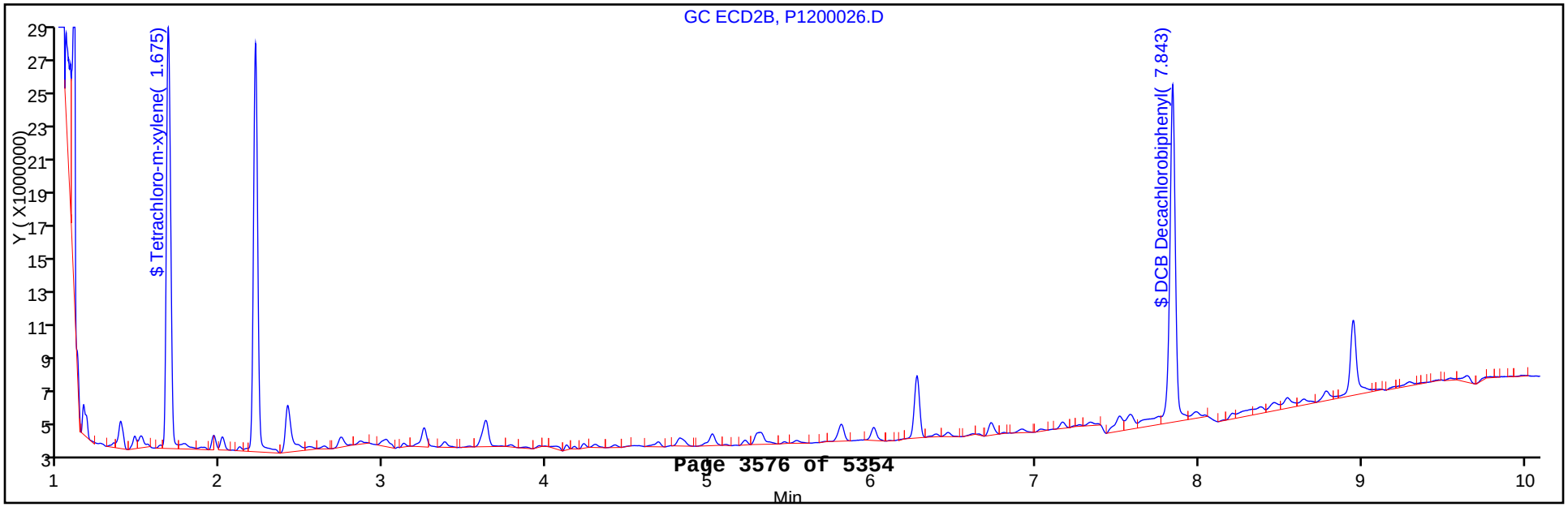
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Injection Date:	15-Apr-2013 15:35:05	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0051M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	26
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0052M-0001-SO Lab Sample ID: 240-22648-57

Matrix: Solid Lab File ID: P1200027.D

Analysis Method: 8082/DOD Date Collected: 03/29/2013 12:00

Extraction Method: 3540C Date Extracted: 04/11/2013 11:52

Sample wt/vol: 29.52(g) Date Analyzed: 04/15/2013 15:49

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.: 81867 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	75		40-140
2051-24-3	DCB Decachlorobiphenyl	79		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200027.D		
Lims ID:	240-22648-C-57-D	Client ID:	068SB-0052M-0001-SO
Inject. Date:	15-Apr-2013 15:49:44	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018856-027		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	27
Lims Batch ID:	81867	Lims Sample ID:	27
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m		
Last Update:	16-Apr-2013 09:18:09	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK021		

First Level Reviewer: hassl Date: 16-Apr-2013 09:11:13

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.301	1.301	0.000	14716097	0.0150			
2	2	1.672	1.673	-0.001	41963438	0.0157			
						RPD = 4.67			
3 PCB-1221									
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
6 PCB-1016									
1	100		1.580						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.141						
2	7		2.541						
2	8		2.996						
2	9		3.134						
2	10		3.620						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.985						
1	2		4.272						
1	3		4.551						
1	4		5.251						
1	5		5.534						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.234						
2	10		6.612						
$ 12 DCB Decachlorobiphenyl									
1	100	6.683	6.684	-0.001	16158905	0.0158			
2	2	7.842	7.842	0.000	43163881	0.0146			
						RPD = 8.23			

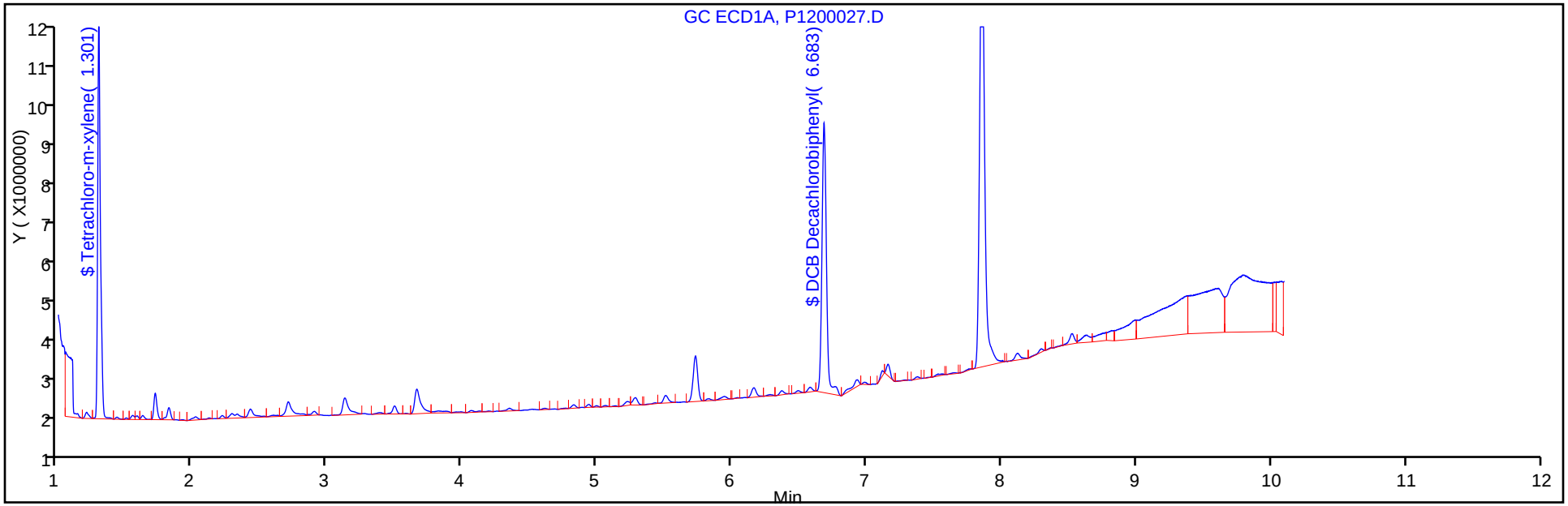
Report Date: 16-Apr-2013 09:18:14 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

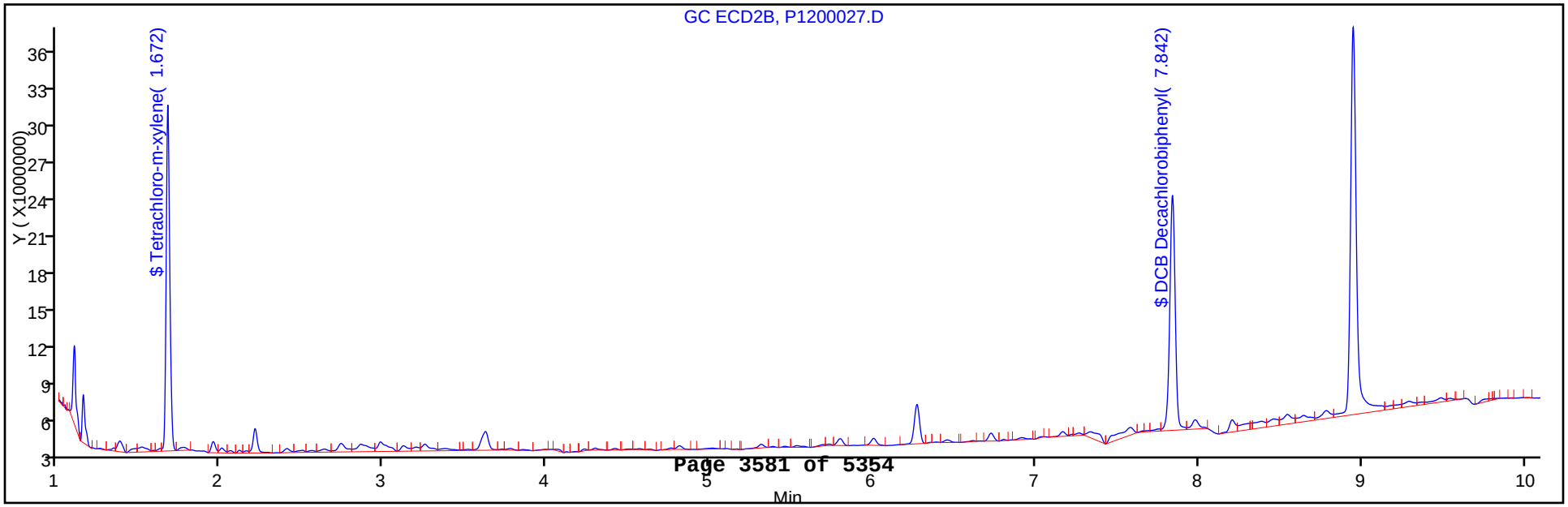
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Injection Date:	15-Apr-2013 15:49:44	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0052M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	27
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0052M-0001-SO | Lab Sample ID: 240-22648-57

Matrix: Solid | Lab File ID: P1200027.D

Analysis Method: 8082/DOD | Date Collected: 03/29/2013 12:00

Extraction Method: 3540C | Date Extracted: 04/11/2013 11:52

Sample wt/vol: 29.52(g) | Date Analyzed: 04/15/2013 15:49

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.: 81867 | 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	79		40-140
2051-24-3	DCB Decachlorobiphenyl	73		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200027.D		
Lims ID:	240-22648-C-57-D	Client ID:	068SB-0052M-0001-SO
Inject. Date:	15-Apr-2013 15:49:44	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018856-027		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	27
Lims Batch ID:	81867	Lims Sample ID:	27
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m		
Last Update:	16-Apr-2013 09:18:09	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK021		

First Level Reviewer: hassl Date: 16-Apr-2013 09:11:13

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.301	1.301	0.000	14716097	0.0150			
2	2	1.672	1.673	-0.001	41963438	0.0157			
						RPD = 4.67			
3 PCB-1221									
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
6 PCB-1016									
1	100		1.580						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.141						
2	7		2.541						
2	8		2.996						
2	9		3.134						
2	10		3.620						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.985						
1	2		4.272						
1	3		4.551						
1	4		5.251						
1	5		5.534						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.234						
2	10		6.612						
$ 12 DCB Decachlorobiphenyl									
1	100	6.683	6.684	-0.001	16158905	0.0158			
2	2	7.842	7.842	0.000	43163881	0.0146			
						RPD = 8.23			

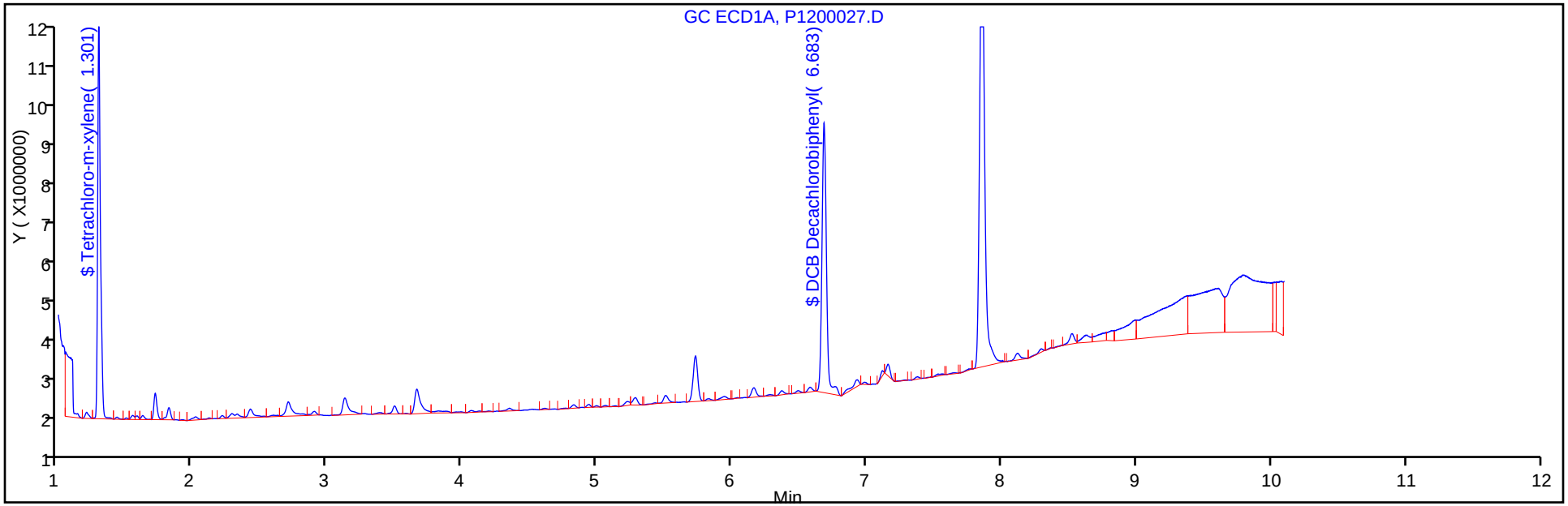
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TestAmerica Canton

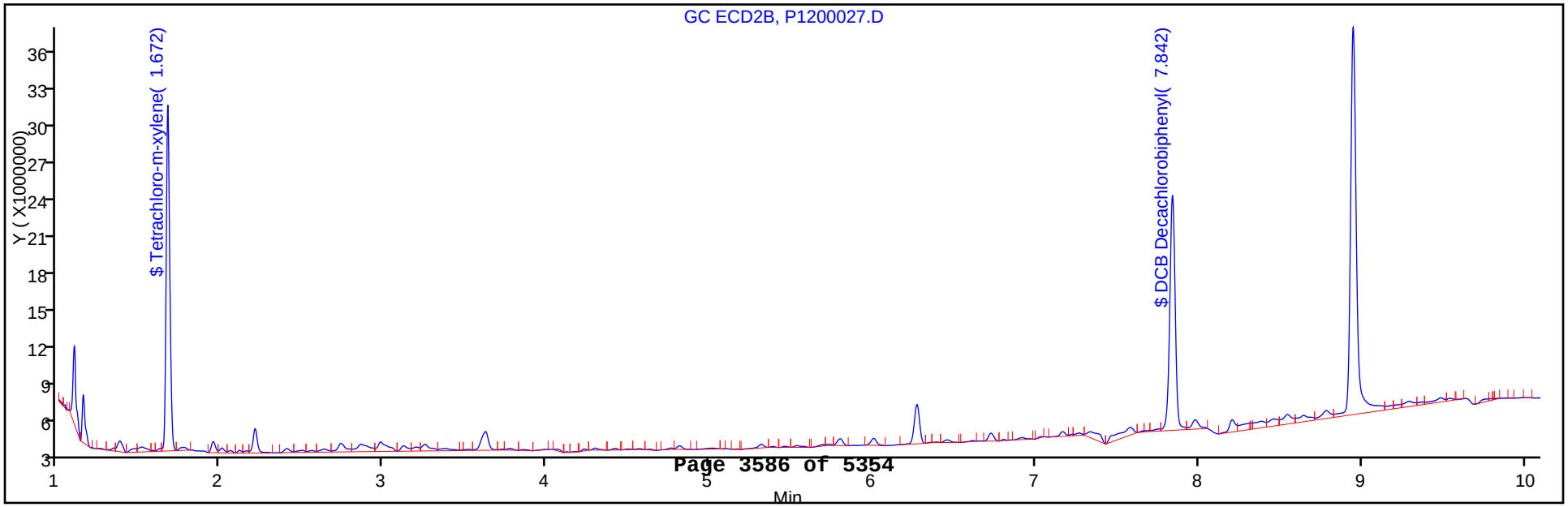
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Injection Date:	15-Apr-2013 15:49:44	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0052M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	27
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0053M-0001-SO Lab Sample ID: 240-22648-58

Matrix: Solid Lab File ID: P1200028.D

Analysis Method: 8082/DOD Date Collected: 03/29/2013 11:18

Extraction Method: 3540C Date Extracted: 04/11/2013 11:52

Sample wt/vol: 30.15(g) Date Analyzed: 04/15/2013 16:03

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

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

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

Analysis Batch No.: 81867 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	77		40-140
2051-24-3	DCB Decachlorobiphenyl	76		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200028.D		
Lims ID:	240-22648-C-58-D	Client ID:	068SB-0053M-0001-SO
Inject. Date:	15-Apr-2013 16:03:52	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018856-028		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	28
Lims Batch ID:	81867	Lims Sample ID:	28
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m		
Last Update:	16-Apr-2013 09:18:09	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK021		

First Level Reviewer: hassl Date: 16-Apr-2013 09:11:21

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.301	1.301	0.000	15133047	0.0154			
2	2	1.675	1.673	0.002	42868194	0.0161			
						RPD = 4.00			
3 PCB-1221									1
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
6 PCB-1016									
1	100		1.580						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.141						
2	7		2.541						
2	8		2.996						
2	9		3.134						
2	10		3.620						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									1
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									1
1	100		3.985						
1	2		4.272						
1	3		4.551						
1	4		5.251						
1	5		5.534						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.234						
2	10		6.612						
$ 12 DCB Decachlorobiphenyl									
1	100	6.685	6.684	0.001	15519724	0.0152			
2	2	7.842	7.842	0.000	42104531	0.0142			
						RPD = 6.68			

QC Flag Legend

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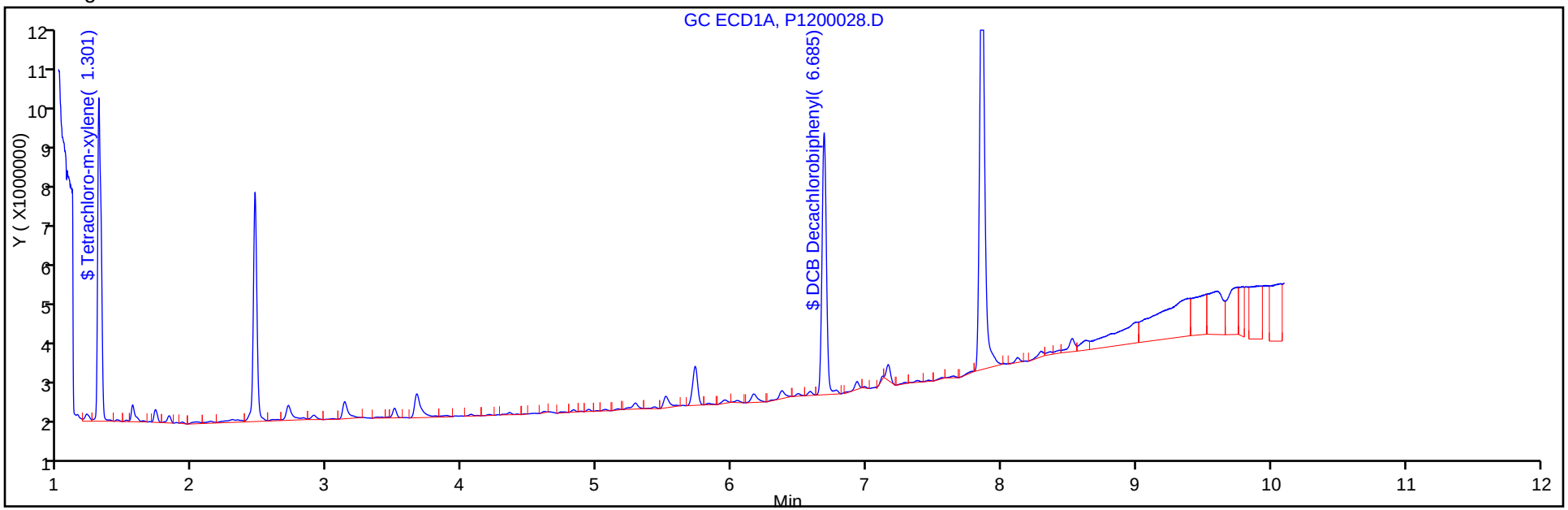
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TestAmerica Canton

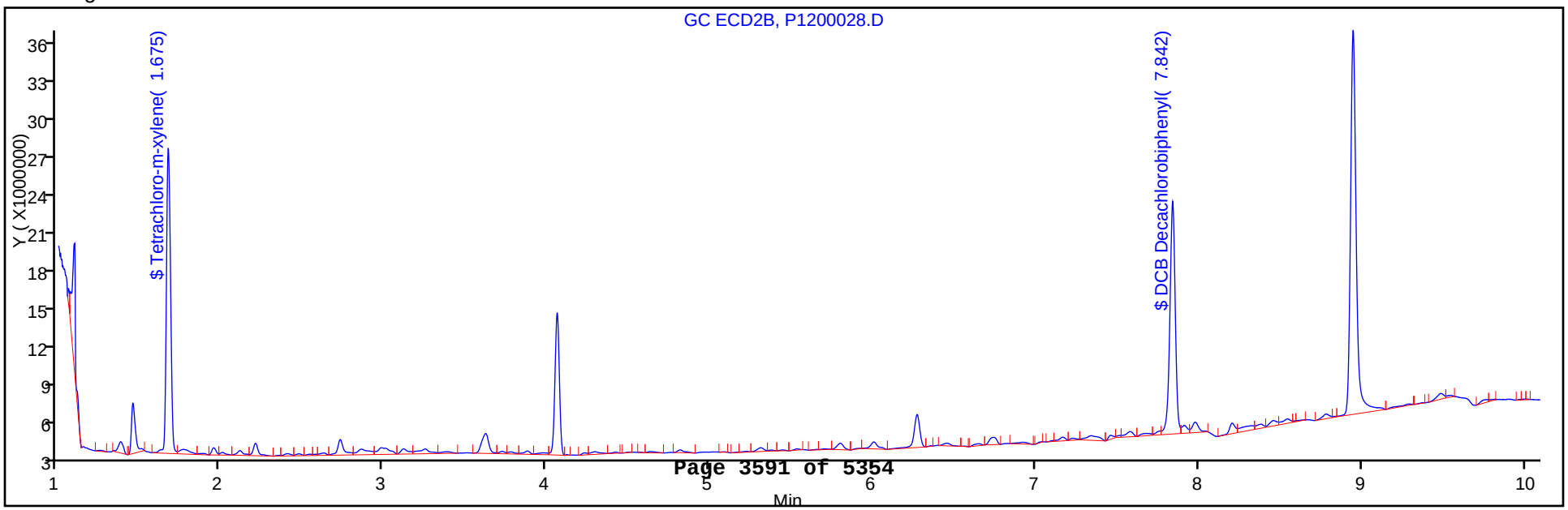
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Injection Date:	15-Apr-2013 16:03:52	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0053M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	28
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0053M-0001-SO | Lab Sample ID: 240-22648-58

Matrix: Solid | Lab File ID: P1200028.D

Analysis Method: 8082/DOD | Date Collected: 03/29/2013 11:18

Extraction Method: 3540C | Date Extracted: 04/11/2013 11:52

Sample wt/vol: 30.15(g) | Date Analyzed: 04/15/2013 16:03

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

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

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

Analysis Batch No.: 81867 | Units: ug/Kg

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

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	80		40-140
2051-24-3	DCB Decachlorobiphenyl	71		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200028.D		
Lims ID:	240-22648-C-58-D	Client ID:	068SB-0053M-0001-SO
Inject. Date:	15-Apr-2013 16:03:52	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018856-028		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	28
Lims Batch ID:	81867	Lims Sample ID:	28
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m		
Last Update:	16-Apr-2013 09:18:09	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK021		

First Level Reviewer: hassl Date: 16-Apr-2013 09:11:21

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.301	1.301	0.000	15133047	0.0154			
2	2	1.675	1.673	0.002	42868194	0.0161			
						RPD = 4.00			
3 PCB-1221									1
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
6 PCB-1016									
1	100		1.580						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.141						
2	7		2.541						
2	8		2.996						
2	9		3.134						
2	10		3.620						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									1
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									1
1	100		3.985						
1	2		4.272						
1	3		4.551						
1	4		5.251						
1	5		5.534						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.234						
2	10		6.612						
$ 12 DCB Decachlorobiphenyl									
1	100	6.685	6.684	0.001	15519724	0.0152			
2	2	7.842	7.842	0.000	42104531	0.0142			
						RPD = 6.68			

QC Flag Legend

Processing Flags
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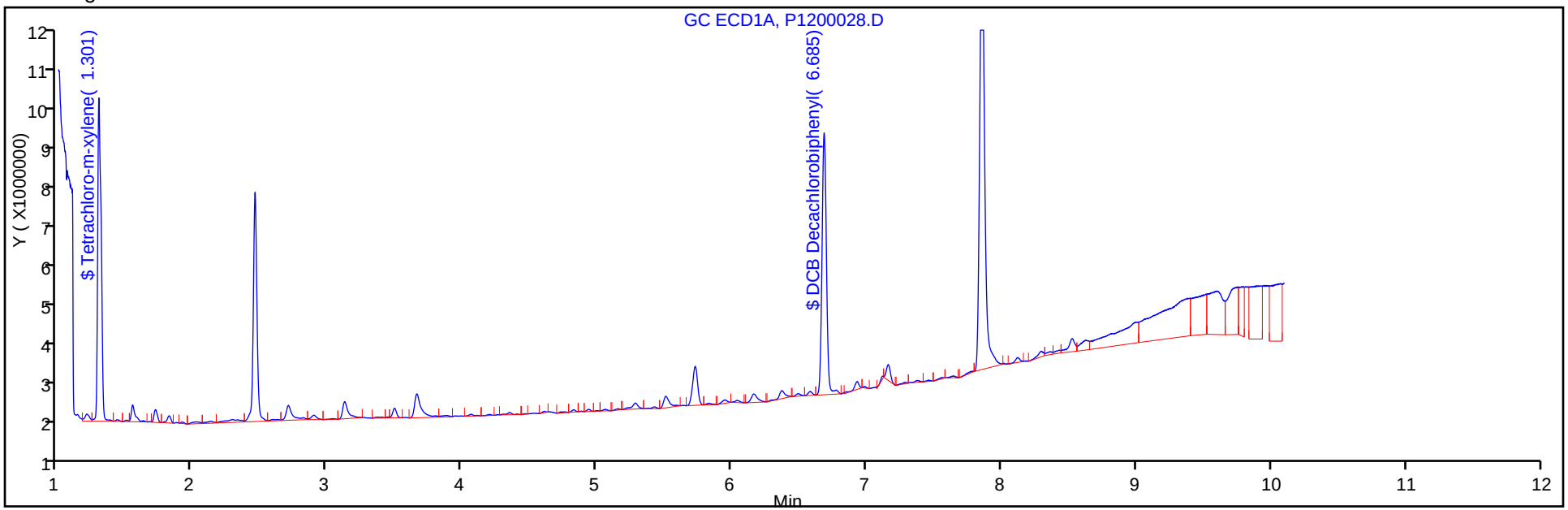
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TestAmerica Canton

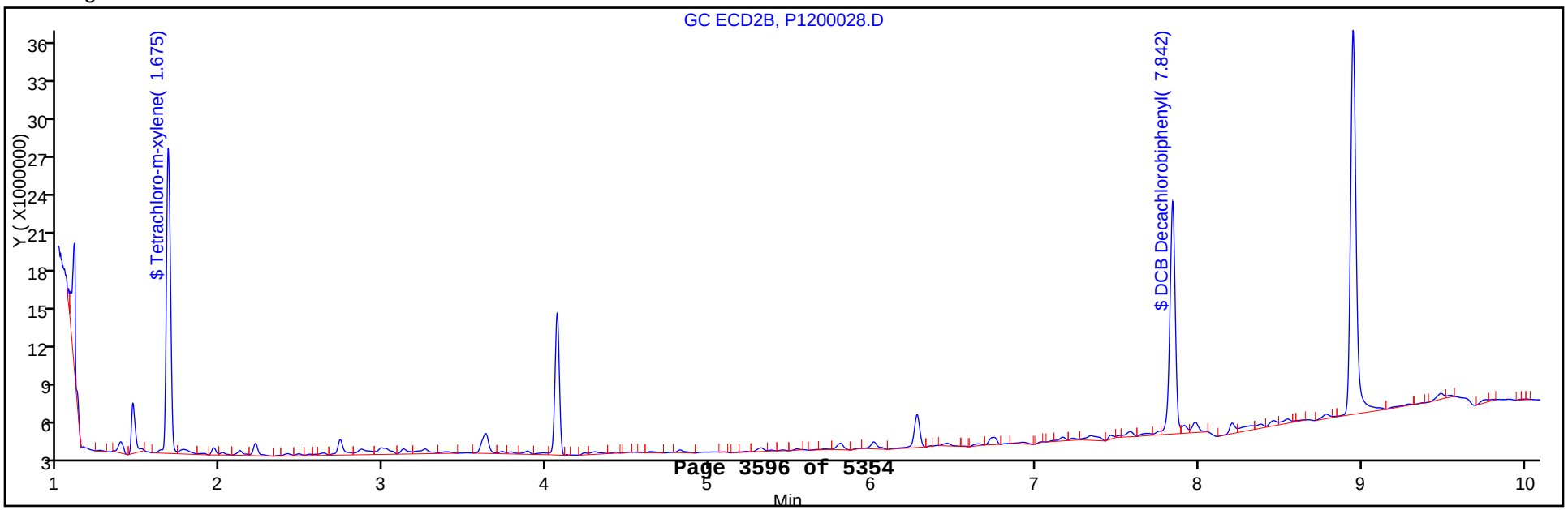
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Injection Date:	15-Apr-2013 16:03:52	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0053M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	28
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0054M-0001-SO Lab Sample ID: 240-22648-59

Matrix: Solid Lab File ID: P1200029.D

Analysis Method: 8082/DOD Date Collected: 03/29/2013 11:18

Extraction Method: 3540C Date Extracted: 04/11/2013 11:52

Sample wt/vol: 29.76(g) Date Analyzed: 04/15/2013 16:18

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

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

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

Analysis Batch No.: 81867 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	72		40-140
2051-24-3	DCB Decachlorobiphenyl	73		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200029.D		
Lims ID:	240-22648-C-59-D	Client ID:	068SB-0054M-0001-SO
Inject. Date:	15-Apr-2013 16:18:07	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018856-029		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	29
Lims Batch ID:	81867	Lims Sample ID:	29
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m		
Last Update:	16-Apr-2013 09:18:09	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK021		

First Level Reviewer: hassl Date: 16-Apr-2013 09:11:37

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.301	1.301	0.000	14167178	0.0144			
2	2	1.674	1.673	0.001	41276379	0.0155			
						RPD = 6.81			
3 PCB-1221									
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
6 PCB-1016									
1	100		1.580						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.141						
2	7		2.541						
2	8		2.996						
2	9		3.134						
2	10		3.620						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.985						
1	2		4.272						
1	3		4.551						
1	4		5.251						
1	5		5.534						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.234						
2	10		6.612						
$ 12 DCB Decachlorobiphenyl									
1	100	6.683	6.684	-0.001	14832536	0.0145			
2	2	7.841	7.842	-0.001	38068791	0.0129			
						RPD = 12.21			

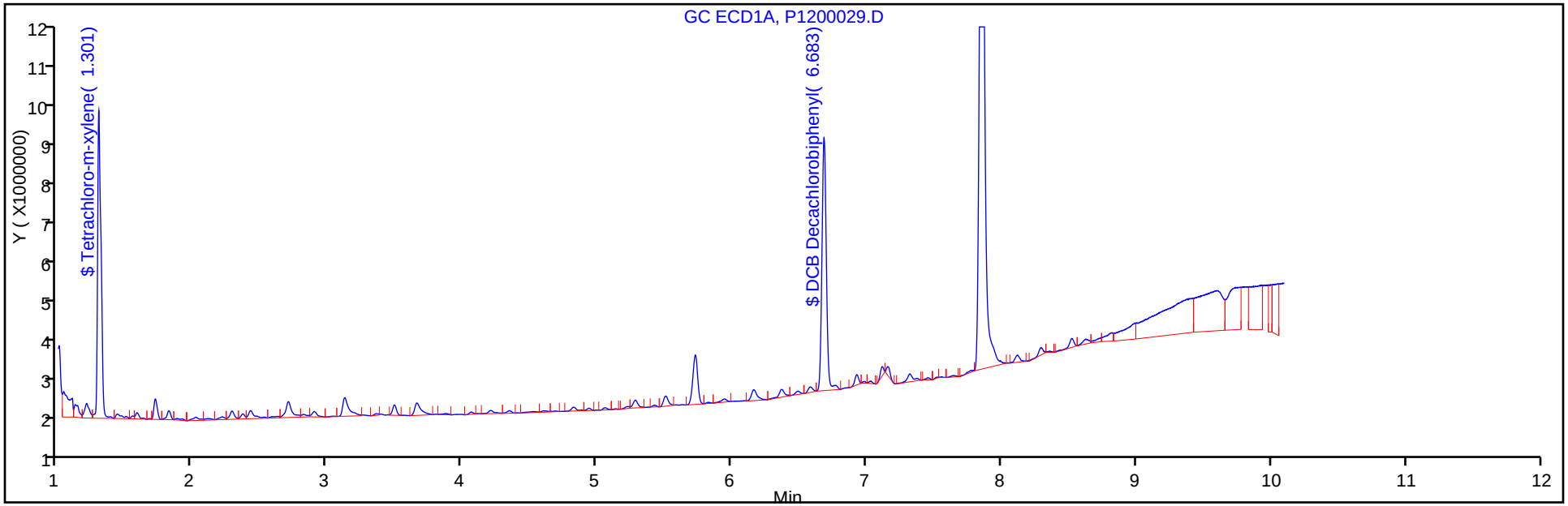
Report Date: 16-Apr-2013 09:18:17 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

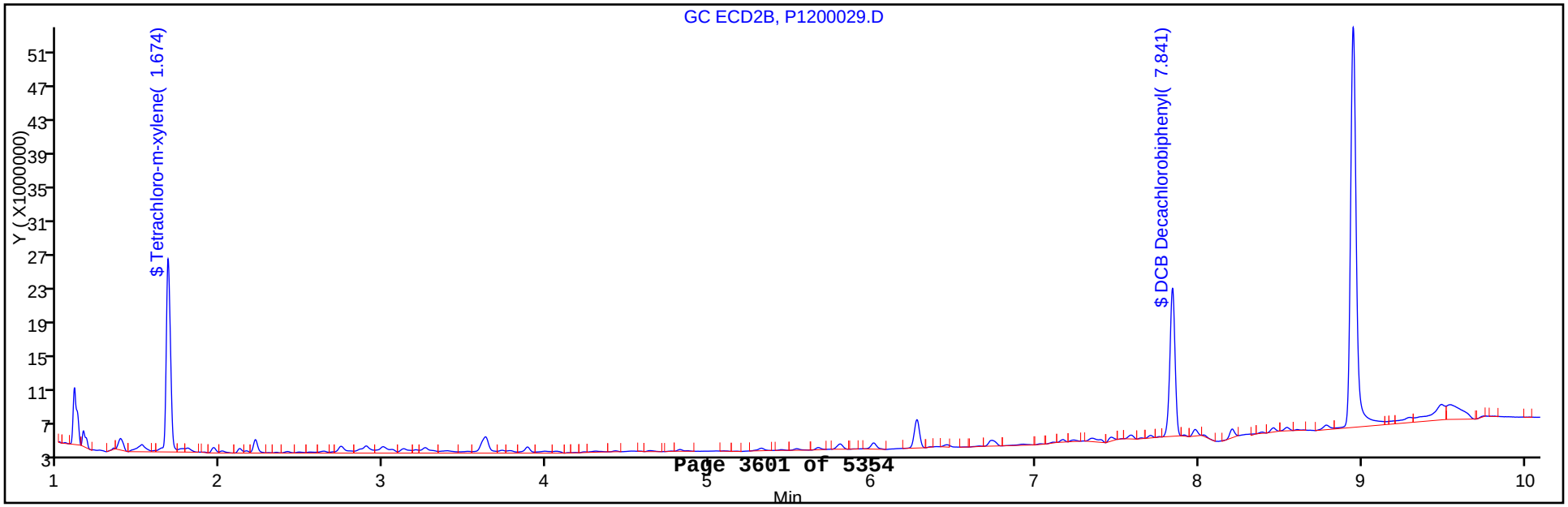
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Injection Date:	15-Apr-2013 16:18:07	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0054M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	29
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0054M-0001-SO Lab Sample ID: 240-22648-59

Matrix: Solid Lab File ID: P1200029.D

Analysis Method: 8082/DOD Date Collected: 03/29/2013 11:18

Extraction Method: 3540C Date Extracted: 04/11/2013 11:52

Sample wt/vol: 29.76(g) Date Analyzed: 04/15/2013 16:18

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

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

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

Analysis Batch No.: 81867 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	50	25	16
12674-11-2	Aroclor-1016	25	U	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	77		40-140
2051-24-3	DCB Decachlorobiphenyl	64		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200029.D		
Lims ID:	240-22648-C-59-D	Client ID:	068SB-0054M-0001-SO
Inject. Date:	15-Apr-2013 16:18:07	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018856-029		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	29
Lims Batch ID:	81867	Lims Sample ID:	29
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m		
Last Update:	16-Apr-2013 09:18:09	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK021		

First Level Reviewer: hassl Date: 16-Apr-2013 09:11:37

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.301	1.301	0.000	14167178	0.0144			
2	2	1.674	1.673	0.001	41276379	0.0155			
						RPD = 6.81			
3 PCB-1221									
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
6 PCB-1016									
1	100		1.580						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.141						
2	7		2.541						
2	8		2.996						
2	9		3.134						
2	10		3.620						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.985						
1	2		4.272						
1	3		4.551						
1	4		5.251						
1	5		5.534						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.234						
2	10		6.612						
$ 12 DCB Decachlorobiphenyl									
1	100	6.683	6.684	-0.001	14832536	0.0145			
2	2	7.841	7.842	-0.001	38068791	0.0129			
						RPD = 12.21			

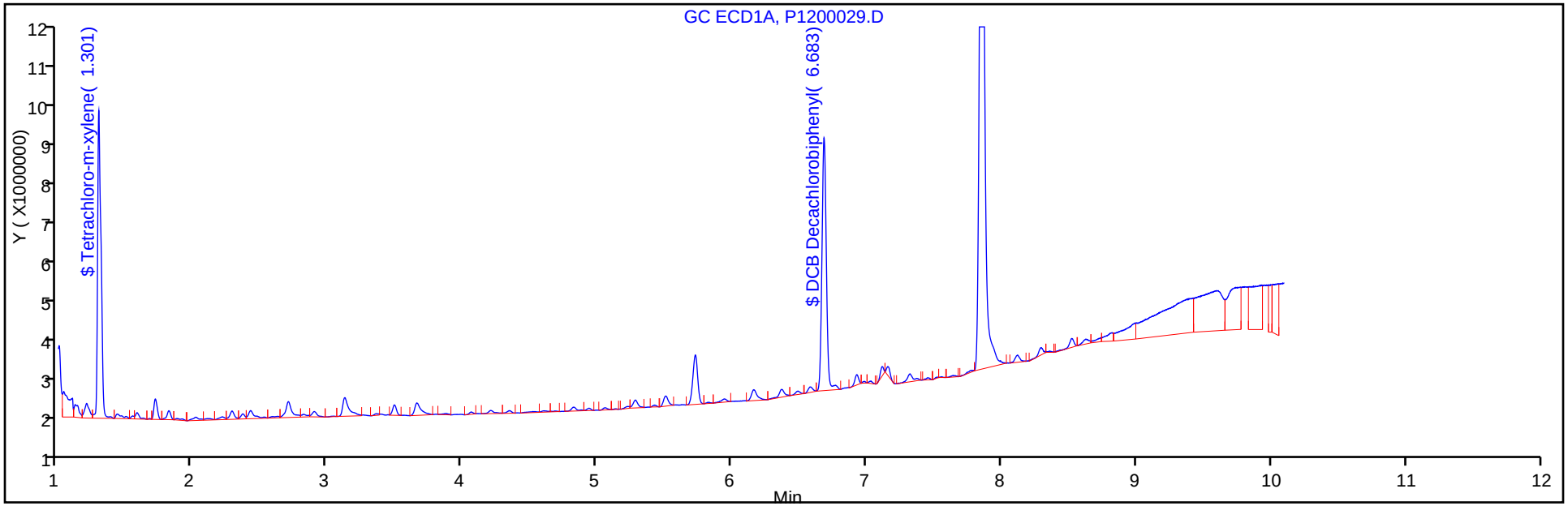
Report Date: 16-Apr-2013 09:18:17 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

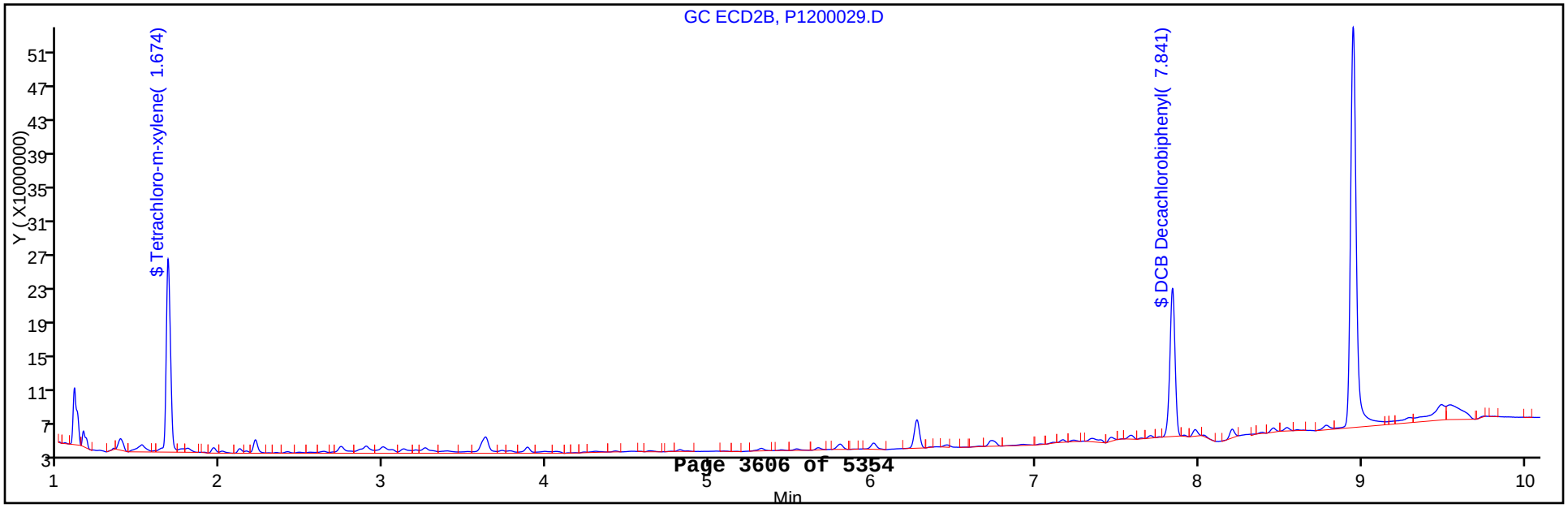
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Injection Date:	15-Apr-2013 16:18:07	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0054M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	29
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0056M-0001-SO Lab Sample ID: 240-22648-60

Matrix: Solid Lab File ID: P1200030.D

Analysis Method: 8082/DOD Date Collected: 03/29/2013 11:35

Extraction Method: 3540C Date Extracted: 04/11/2013 11:52

Sample wt/vol: 29.93(g) Date Analyzed: 04/15/2013 16:32

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

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

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

Analysis Batch No.: 81867 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	76		40-140
2051-24-3	DCB Decachlorobiphenyl	86		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200030.D		
Lims ID:	240-22648-C-60-D	Client ID:	068SB-0056M-0001-SO
Inject. Date:	15-Apr-2013 16:32:46	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018856-030		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	30
Lims Batch ID:	81867	Lims Sample ID:	30
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m		
Last Update:	16-Apr-2013 09:18:09	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK021		

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

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.301	-0.001	14997312	0.0153			
2	2	1.672	1.673	-0.001	46557805	0.0174			
						RPD = 13.14			
3 PCB-1221									1
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
6 PCB-1016									
1	100		1.580						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.141						
2	7		2.541						
2	8		2.996						
2	9		3.134						
2	10		3.620						
7 PCB-1248									1
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.985						
1	2		4.272						
1	3		4.551						
1	4		5.251						
1	5		5.534						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.234						
2	10		6.612						
$ 12 DCB Decachlorobiphenyl									
1	100	6.684	6.684	0.000	17506509	0.0172			
2	2	7.842	7.842	0.000	48283296	0.0163			
						RPD = 5.03			

QC Flag Legend

Processing Flags
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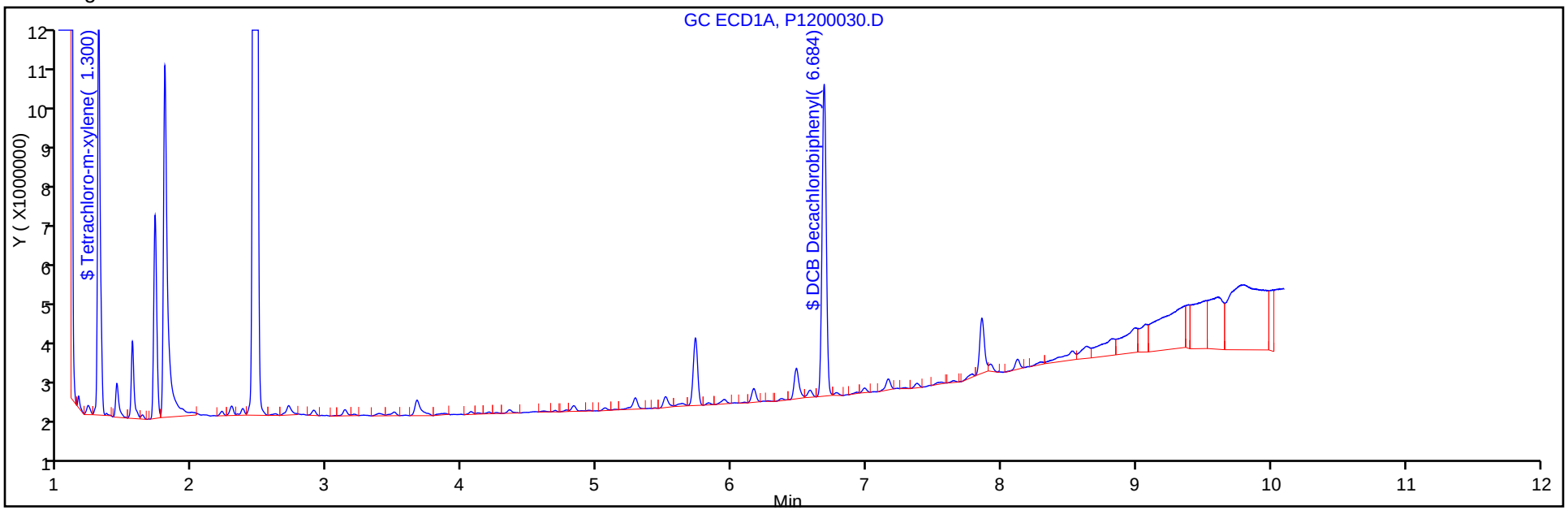
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TestAmerica Canton

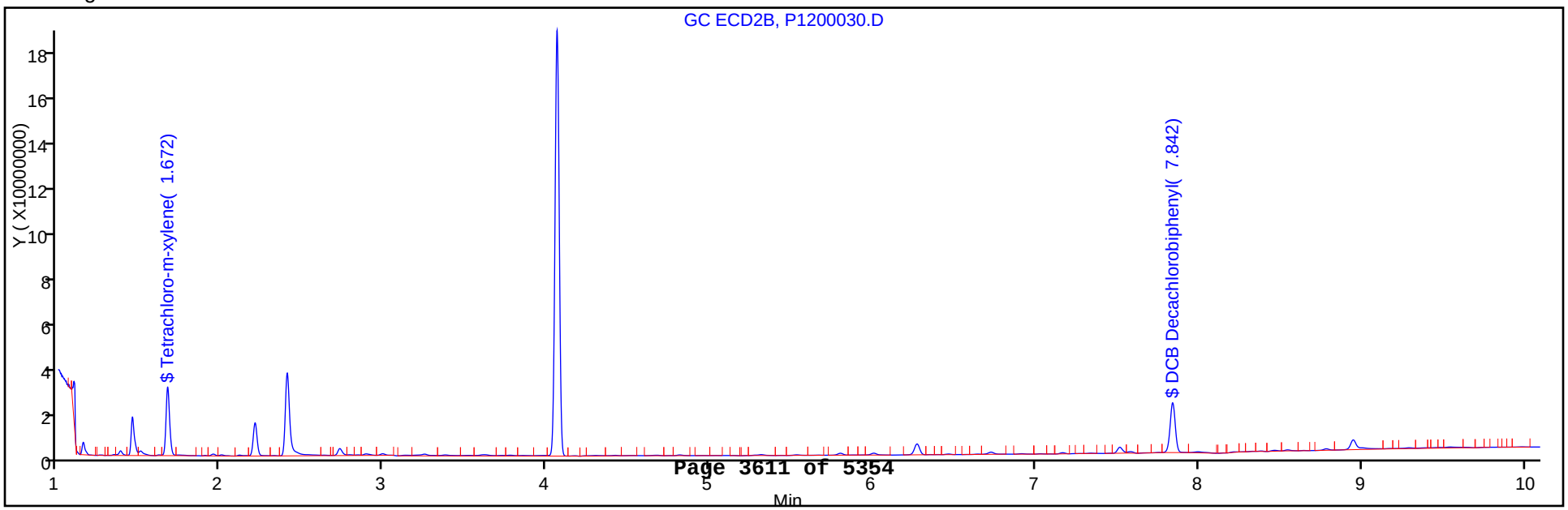
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Injection Date:	15-Apr-2013 16:32:46	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0056M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	30
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0056M-0001-SO | Lab Sample ID: 240-22648-60

Matrix: Solid | Lab File ID: P1200030.D

Analysis Method: 8082/DOD | Date Collected: 03/29/2013 11:35

Extraction Method: 3540C | Date Extracted: 04/11/2013 11:52

Sample wt/vol: 29.93(g) | Date Analyzed: 04/15/2013 16:32

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

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

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

Analysis Batch No.: 81867 | Units: ug/Kg

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

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	87		40-140
2051-24-3	DCB Decachlorobiphenyl	82		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200030.D		
Lims ID:	240-22648-C-60-D	Client ID:	068SB-0056M-0001-SO
Inject. Date:	15-Apr-2013 16:32:46	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018856-030		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	30
Lims Batch ID:	81867	Lims Sample ID:	30
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m		
Last Update:	16-Apr-2013 09:18:09	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK021		

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

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.301	-0.001	14997312	0.0153			
2	2	1.672	1.673	-0.001	46557805	0.0174			
						RPD = 13.14			
3 PCB-1221									1
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
6 PCB-1016									
1	100		1.580						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.141						
2	7		2.541						
2	8		2.996						
2	9		3.134						
2	10		3.620						
7 PCB-1248									1
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.985						
1	2		4.272						
1	3		4.551						
1	4		5.251						
1	5		5.534						
2	6		4.951						
2	7		5.182						
2	8		5.548						
2	9		6.234						
2	10		6.612						
$ 12 DCB Decachlorobiphenyl									
1	100	6.684	6.684	0.000	17506509	0.0172			
2	2	7.842	7.842	0.000	48283296	0.0163			
						RPD = 5.03			

QC Flag Legend

Processing Flags
1 - Missing Peaks

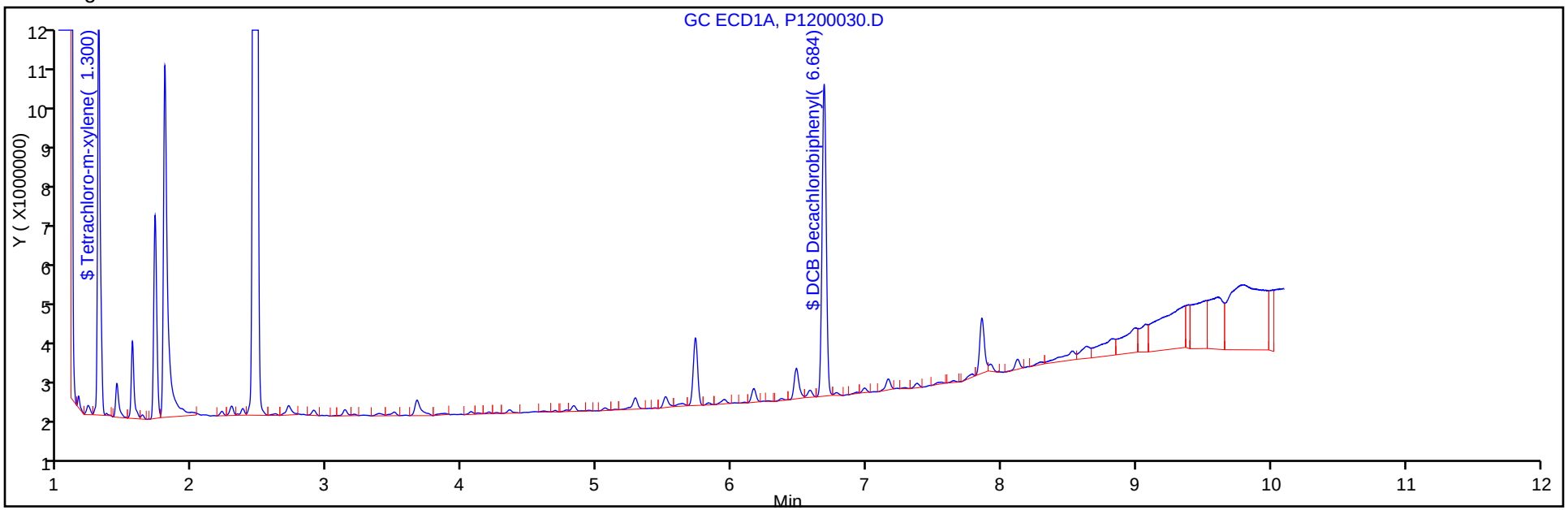
Report Date: 16-Apr-2013 09:18:18 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

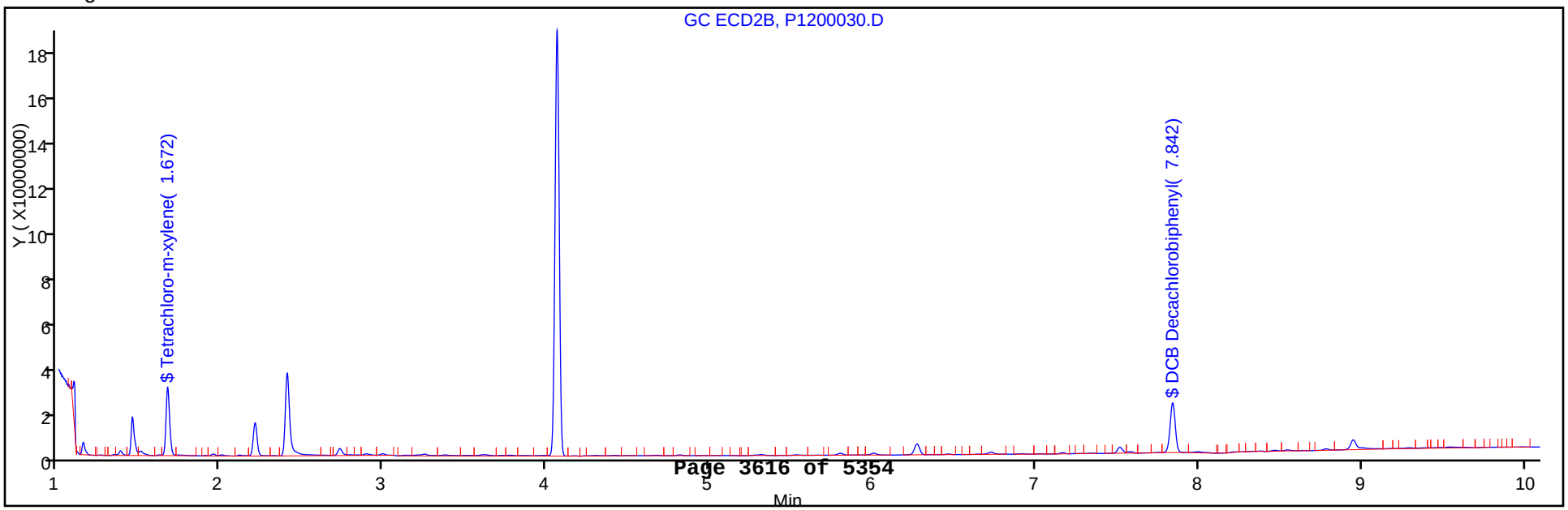
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Injection Date:	15-Apr-2013 16:32:46	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0056M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	30
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0057M-0001-SO Lab Sample ID: 240-22648-61

Matrix: Solid Lab File ID: P1200033.D

Analysis Method: 8082/DOD Date Collected: 03/29/2013 11:26

Extraction Method: 3540C Date Extracted: 04/11/2013 11:52

Sample wt/vol: 29.64(g) Date Analyzed: 04/15/2013 17:16

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

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

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

Analysis Batch No.: 81867 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	74		40-140
2051-24-3	DCB Decachlorobiphenyl	71		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200033.D		
Lims ID:	240-22648-C-61-F	Client ID:	068SB-0057M-0001-SO
Inject. Date:	15-Apr-2013 17:16:40	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018856-033		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	33
Lims Batch ID:	81867	Lims Sample ID:	33
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m		
Last Update:	16-Apr-2013 09:18:20	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK021		

First Level Reviewer: hassl Date: 16-Apr-2013 09:12:56

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.302	1.301	0.001	14468222	0.0148			
2	2	1.676	1.672	0.004	42385271	0.0159			
						RPD = 7.36			
3 PCB-1221									
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.579						
1	2		1.869						
1	3		2.270						
1	4		2.392						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.996						
2	9		3.134						
2	10		3.620						
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.985						
1	2		4.272						
1	3		4.552						
1	4		5.250						
1	5		5.534						
2	6		4.952						
2	7		5.182						
2	8		5.549						
2	9		6.233						
2	10		6.612						
$ 12 DCB Decachlorobiphenyl									
1	100	6.685	6.685	0.000	14415771	0.0141			
2	2	7.843	7.842	0.001	41108846	0.0139			
						RPD = 1.69			

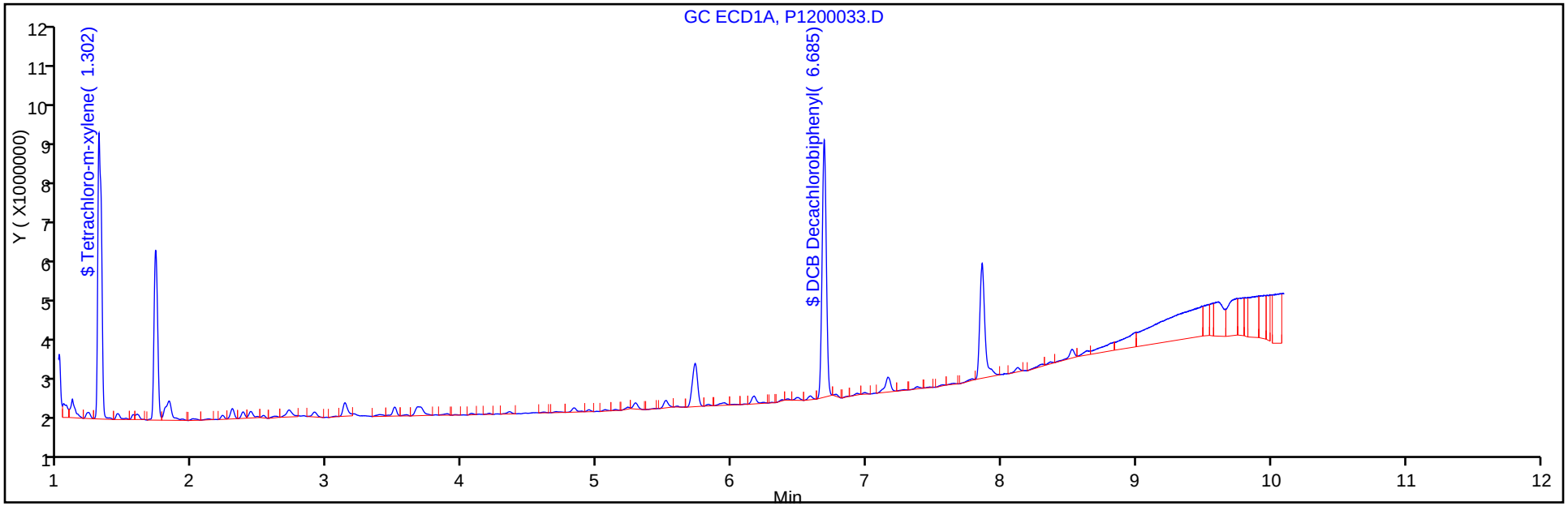
Report Date: 16-Apr-2013 09:18:21 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

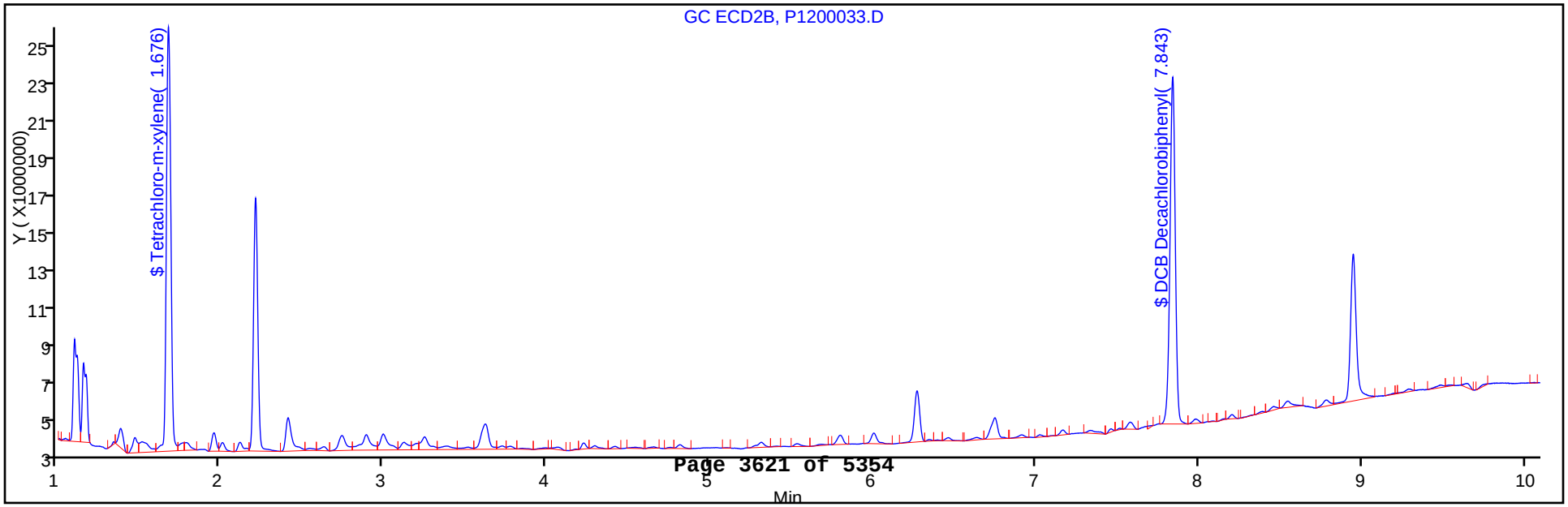
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Injection Date:	15-Apr-2013 17:16:40	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0057M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	33
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0057M-0001-SO | Lab Sample ID: 240-22648-61

Matrix: Solid | Lab File ID: P1200033.D

Analysis Method: 8082/DOD | Date Collected: 03/29/2013 11:26

Extraction Method: 3540C | Date Extracted: 04/11/2013 11:52

Sample wt/vol: 29.64(g) | Date Analyzed: 04/15/2013 17:16

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

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

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

Analysis Batch No.: 81867 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	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	79		40-140
2051-24-3	DCB Decachlorobiphenyl	69		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200033.D		
Lims ID:	240-22648-C-61-F	Client ID:	068SB-0057M-0001-SO
Inject. Date:	15-Apr-2013 17:16:40	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018856-033		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	33
Lims Batch ID:	81867	Lims Sample ID:	33
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m		
Last Update:	16-Apr-2013 09:18:20	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK021		

First Level Reviewer: hassl Date: 16-Apr-2013 09:12:56

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.302	1.301	0.001	14468222	0.0148			
2	2	1.676	1.672	0.004	42385271	0.0159			
						RPD = 7.36			
3 PCB-1221									
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.579						
1	2		1.869						
1	3		2.270						
1	4		2.392						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.996						
2	9		3.134						
2	10		3.620						
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.985						
1	2		4.272						
1	3		4.552						
1	4		5.250						
1	5		5.534						
2	6		4.952						
2	7		5.182						
2	8		5.549						
2	9		6.233						
2	10		6.612						
$ 12 DCB Decachlorobiphenyl									
1	100	6.685	6.685	0.000	14415771	0.0141			
2	2	7.843	7.842	0.001	41108846	0.0139			
						RPD = 1.69			

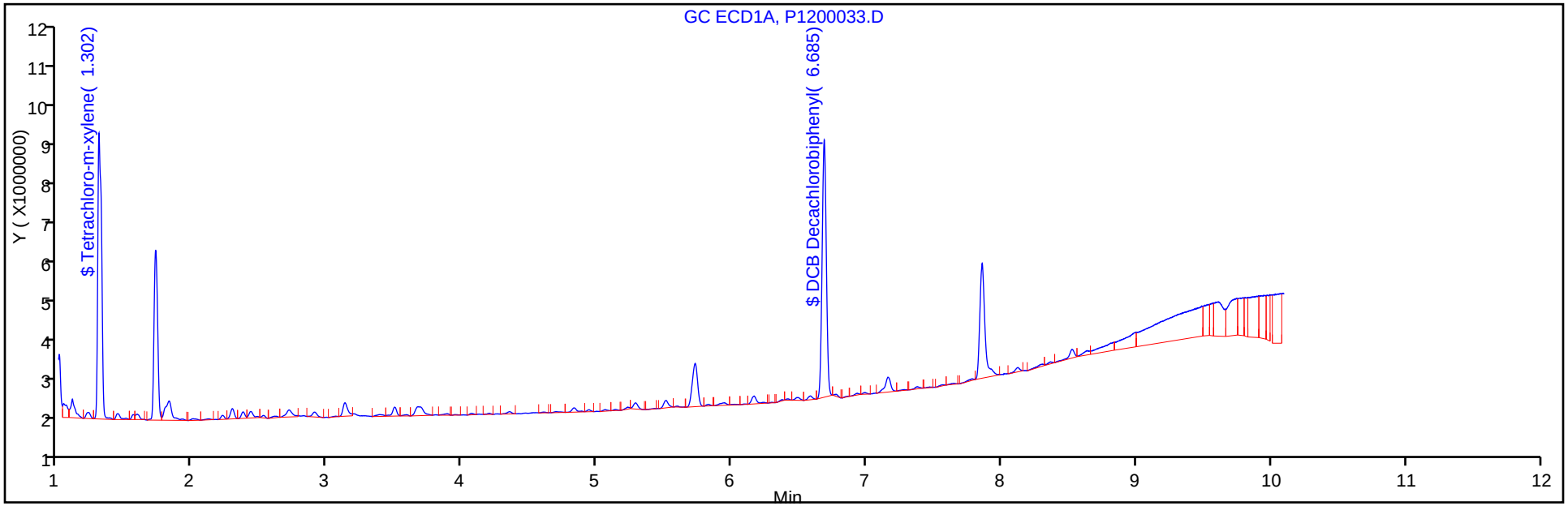
Report Date: 16-Apr-2013 09:18:21 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

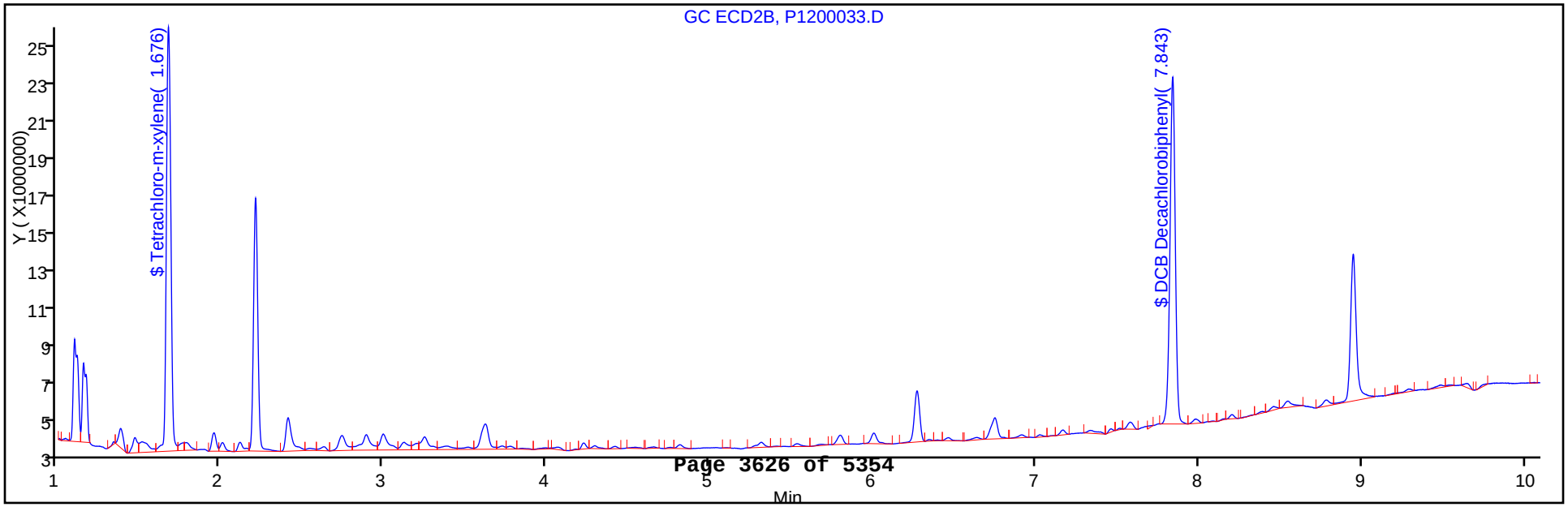
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Injection Date:	15-Apr-2013 17:16:40	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0057M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	33
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0059M-0001-SO Lab Sample ID: 240-22648-62

Matrix: Solid Lab File ID: P1200034.D

Analysis Method: 8082/DOD Date Collected: 03/29/2013 11:47

Extraction Method: 3540C Date Extracted: 04/11/2013 11:52

Sample wt/vol: 29.76(g) Date Analyzed: 04/15/2013 17:31

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.: 81867 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	83		40-140
2051-24-3	DCB Decachlorobiphenyl	84		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200034.D		
Lims ID:	240-22648-C-62-D	Client ID:	068SB-0059M-0001-SO
Inject. Date:	15-Apr-2013 17:31:20	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018856-034		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	34
Lims Batch ID:	81867	Lims Sample ID:	34
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m		
Last Update:	16-Apr-2013 09:18:20	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK021		

First Level Reviewer: hassl Date: 16-Apr-2013 09:13:03

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.301	-0.001	16325921	0.0166			
2	2	1.673	1.672	0.001	47559654	0.0178			
						RPD = 6.80			
3 PCB-1221									
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.579						
1	2		1.869						
1	3		2.270						
1	4		2.392						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.996						
2	9		3.134						
2	10		3.620						
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
9 PCB-1262									
1	100		3.984						
1	2		4.274						
1	3		4.677						
1	4		5.250						
1	5		5.582						
2	6		5.184						
2	7		5.652						
2	8		5.957						
2	9		6.234						
2	10		6.611						
10 PCB-1260									
1	100		3.985						
1	2		4.272						
1	3		4.552						
1	4		5.250						
1	5		5.534						
2	6		4.952						
2	7		5.182						
2	8		5.549						
2	9		6.233						
2	10		6.612						
11 PCB-1268									
1	100		5.582						
1	2		5.621						
1	3		5.818						
1	4		6.193						
1	5		6.489						
2	6		6.610						
2	7		6.657						
2	8		6.919						
2	9		7.233						
2	10		7.575						
$ 12 DCB Decachlorobiphenyl									
1	100	6.685	6.685	0.000	17039593	0.0167			
2	2	7.842	7.842	0.000	46996468	0.0159			
						RPD = 5.03			

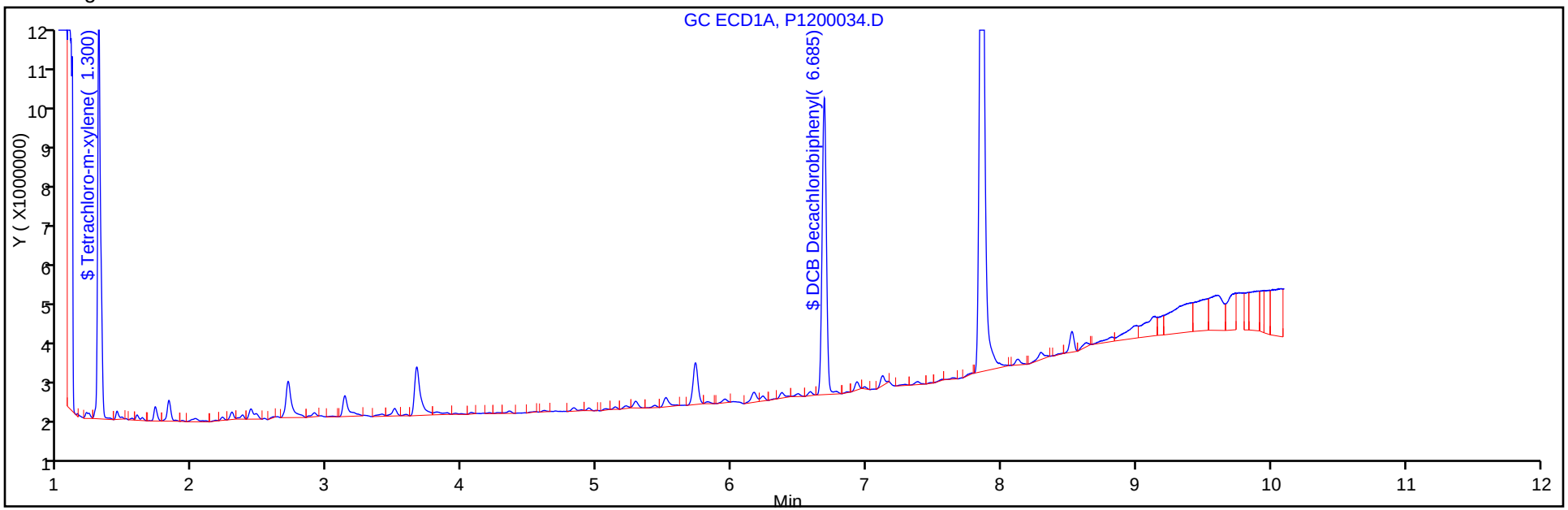
Report Date: 16-Apr-2013 09:18:22 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

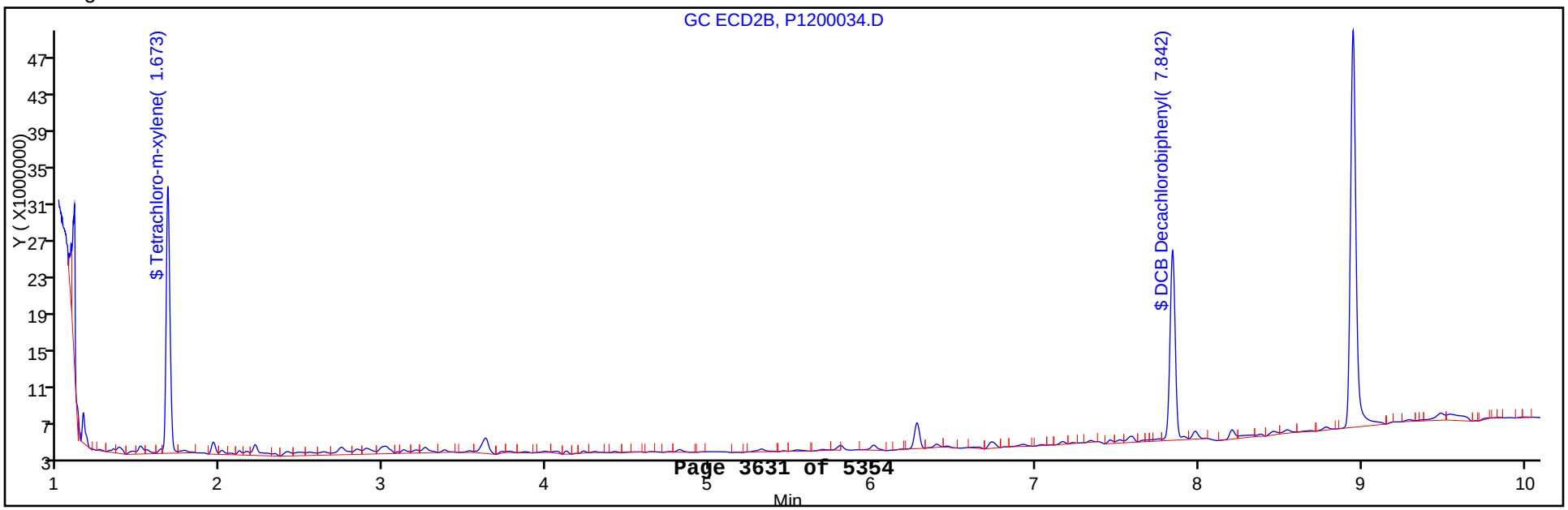
Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200034.D

Injection Date:	15-Apr-2013 17:31:20	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0059M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	34
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 068SB-0059M-0001-SO | Lab Sample ID: 240-22648-62

Matrix: Solid | Lab File ID: P1200034.D

Analysis Method: 8082/DOD | Date Collected: 03/29/2013 11:47

Extraction Method: 3540C | Date Extracted: 04/11/2013 11:52

Sample wt/vol: 29.76(g) | Date Analyzed: 04/15/2013 17:31

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.: 81867 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	50	25	16
12674-11-2	Aroclor-1016	25	U	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	89		40-140
2051-24-3	DCB Decachlorobiphenyl	79		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200034.D		
Lims ID:	240-22648-C-62-D	Client ID:	068SB-0059M-0001-SO
Inject. Date:	15-Apr-2013 17:31:20	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0018856-034		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 uL	ALS Bottle#:	34
Lims Batch ID:	81867	Lims Sample ID:	34
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130415-18856.b\PCB12.m		
Last Update:	16-Apr-2013 09:18:20	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK021		

First Level Reviewer: hassl Date: 16-Apr-2013 09:13:03

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.300	1.301	-0.001	16325921	0.0166			
2	2	1.673	1.672	0.001	47559654	0.0178			
						RPD = 6.80			
3 PCB-1221									
1	2		1.437						
1	3		1.560						
1	4		1.579						
2	4		1.952						
2	5		2.084						
2	6		2.142						
4 PCB-1232									
1	100		1.578						
1	2		1.870						
1	3		2.270						
1	4		2.393						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.994						
2	9		3.133						
2	10		3.746						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.579						
1	2		1.869						
1	3		2.270						
1	4		2.392						
1	5		2.777						
2	6		2.140						
2	7		2.540						
2	8		2.996						
2	9		3.134						
2	10		3.620						
5 PCB-1242									
1	100		1.579						
1	2		1.870						
1	3		2.270						
1	4		2.394						
1	5		2.779						
2	6		2.140						
2	7		2.540						
2	8		2.995						
2	9		3.133						
2	10		3.619						
7 PCB-1248									
1	86		1.868						
1	2		2.267						
1	3		2.777						
1	4		3.359						
1	5		3.794						
2	6		2.539						
2	7		2.994						
2	8		3.621						
2	9		4.064						
2	10		4.744						
8 PCB-1254									
1	100		3.408						
1	2		3.794						
1	3		4.078						
1	4		4.271						
1	5		4.553						
2	6		4.270						
2	7		4.744						
2	8		4.990						
2	9		5.348						
2	10		5.551						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
9 PCB-1262									
1	100		3.984						
1	2		4.274						
1	3		4.677						
1	4		5.250						
1	5		5.582						
2	6		5.184						
2	7		5.652						
2	8		5.957						
2	9		6.234						
2	10		6.611						
10 PCB-1260									
1	100		3.985						
1	2		4.272						
1	3		4.552						
1	4		5.250						
1	5		5.534						
2	6		4.952						
2	7		5.182						
2	8		5.549						
2	9		6.233						
2	10		6.612						
11 PCB-1268									
1	100		5.582						
1	2		5.621						
1	3		5.818						
1	4		6.193						
1	5		6.489						
2	6		6.610						
2	7		6.657						
2	8		6.919						
2	9		7.233						
2	10		7.575						
$ 12 DCB Decachlorobiphenyl									
1	100	6.685	6.685	0.000	17039593	0.0167			
2	2	7.842	7.842	0.000	46996468	0.0159			
						RPD = 5.03			

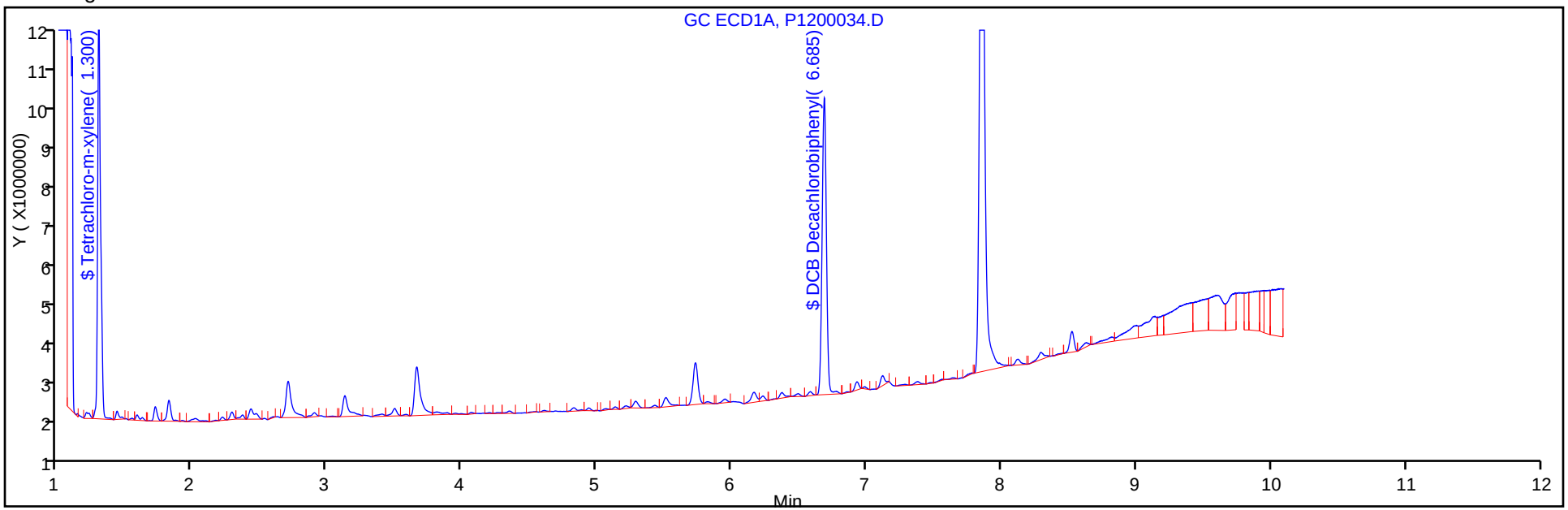
Report Date: 16-Apr-2013 09:18:23 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

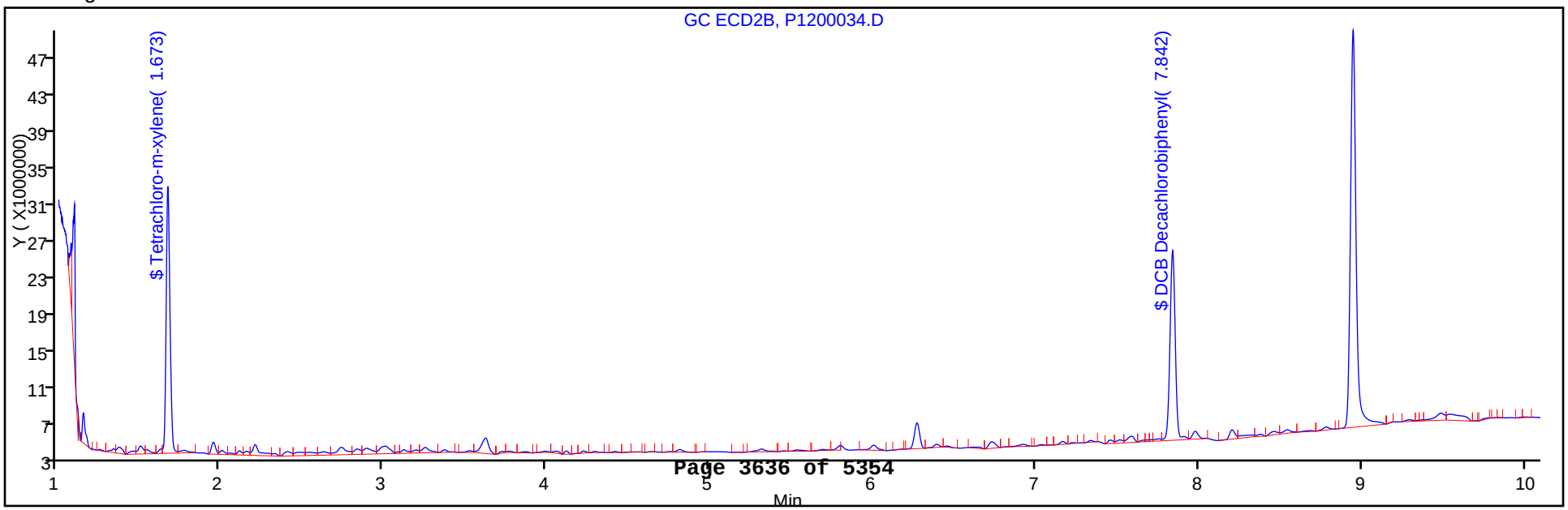
Data File: \\Ncchrom\ChromData\A2HP12\20130415-18856.b\P1200034.D

Injection Date:	15-Apr-2013 17:31:20	Limit Group:	GC 8082A ICAL
Client ID:	068SB-0059M-0001-SO	Instrument ID:	A2HP12
Lims Batch ID:	81867	Lims Sample ID:	34
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1 Analy Batch No.: 80043

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/01/2013 10:09 Calibration End Date: 04/01/2013 11:21 Calibration ID: 14308

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-80043/3	P1200003.D
Level 2	STD01 240-80043/4	P1200004.D
Level 3	STD02 240-80043/5	P1200005.D
Level 4	STD05 240-80043/6	P1200006.D
Level 5	STD1 240-80043/7	P1200007.D
Level 6	STD2 240-80043/8	P1200008.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1232 Peak 1	1.577	1.576	1.578	1.578	1.578	1.577					1.527 - 1.627	1.577
PCB-1232 Peak 2	1.868	1.868	1.869	1.869	1.870	1.868					1.818 - 1.918	1.869
PCB-1232 Peak 3	2.270	2.270	2.271	2.270	2.271	2.271					2.220 - 2.320	2.271
PCB-1232 Peak 4	2.393	2.392	2.394	2.394	2.394	2.393					2.343 - 2.443	2.393
PCB-1232 Peak 5	2.777	2.779	2.780	2.780	2.780	2.780					2.727 - 2.827	2.779

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-22648-1 Analy Batch No.: 80043

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/01/2013 10:09 Calibration End Date: 04/01/2013 11:21 Calibration ID: 14308

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-80043/3	P1200003.D
Level 2	STD01 240-80043/4	P1200004.D
Level 3	STD02 240-80043/5	P1200005.D
Level 4	STD05 240-80043/6	P1200006.D
Level 5	STD1 240-80043/7	P1200007.D
Level 6	STD2 240-80043/8	P1200008.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	21348040 15651687	21218960 14171772	18831455	17838958	Ave		18176812.0				16.0		20.0			
PCB-1232 Peak 2	17141980 12741996	16702810 11451109	15466520	14382570	Ave		14647830.8				15.0		20.0			
PCB-1232 Peak 3	32978340 24609683	32588810 22665333	30816545	26984050	Ave		28440460.1				15.0		20.0			
PCB-1232 Peak 4	13384860 10641624	13644080 9706654	12849430	11777604	Ave		12000708.6				13.0		20.0			
PCB-1232 Peak 5	13594980 10356120	13349900 9264652	12444585	11202258	Ave		11702082.5				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.: 240-22648-1 Analy Batch No.: 80043

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/01/2013 10:09 Calibration End Date: 04/01/2013 11:21 Calibration ID: 14308

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-80043/3	P1200003.D
Level 2	STD01 240-80043/4	P1200004.D
Level 3	STD02 240-80043/5	P1200005.D
Level 4	STD05 240-80043/6	P1200006.D
Level 5	STD1 240-80043/7	P1200007.D
Level 6	STD2 240-80043/8	P1200008.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	1067402 28343544	2121896	3766291	8919479	15651687	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 2	Ave	857099 22902217	1670281	3093304	7191285	12741996	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 3	Ave	1648917 45330665	3258881	6163309	13492025	24609683	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 4	Ave	669243 19413307	1364408	2569886	5888802	10641624	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 5	Ave	679749 18529304	1334990	2488917	5601129	10356120	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\A2HP12\20130401-18420.b\P1200003.D
Lims ID: STD005 1232 Client ID:
Inject. Date: 01-Apr-2013 10:09:35 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0018420-003
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 3
Lims Batch ID: 80043 Lims Sample ID: 3
Sublist: chrom-PCB12*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:44 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100	1.577	1.577	0.000	1067402	0.0587		100.0	
1	2	1.868	1.868	0.000	857099	0.0585	57.1- 107.1	80.3	
1	3	2.270	2.270	0.000	1648917	0.0580	138.6- 188.6	154.5	
1	4	2.393	2.393	0.000	669243	0.0558	43.2- 93.2	62.7	
1	5	2.777	2.777	0.000	679749	0.0581	41.1- 91.1	63.7	
			Average of Peak Amounts =			0.0578			
2	6	2.138	2.138	0.000	3229116	0.0605		100.0	
2	7	2.540	2.540	0.000	2379901	0.0587	47.1- 107.1	73.7	
2	8	2.996	2.996	0.000	4414470	0.0549	119.9- 179.9	136.7	
2	9	3.136	3.136	0.000	2248623	0.0614	38.2- 98.2	69.6	
2	10	3.750	3.750	0.000	1863522	0.0604	29.2- 89.2	57.7	
			Average of Peak Amounts =			0.0592			
						RPD = 2.31			

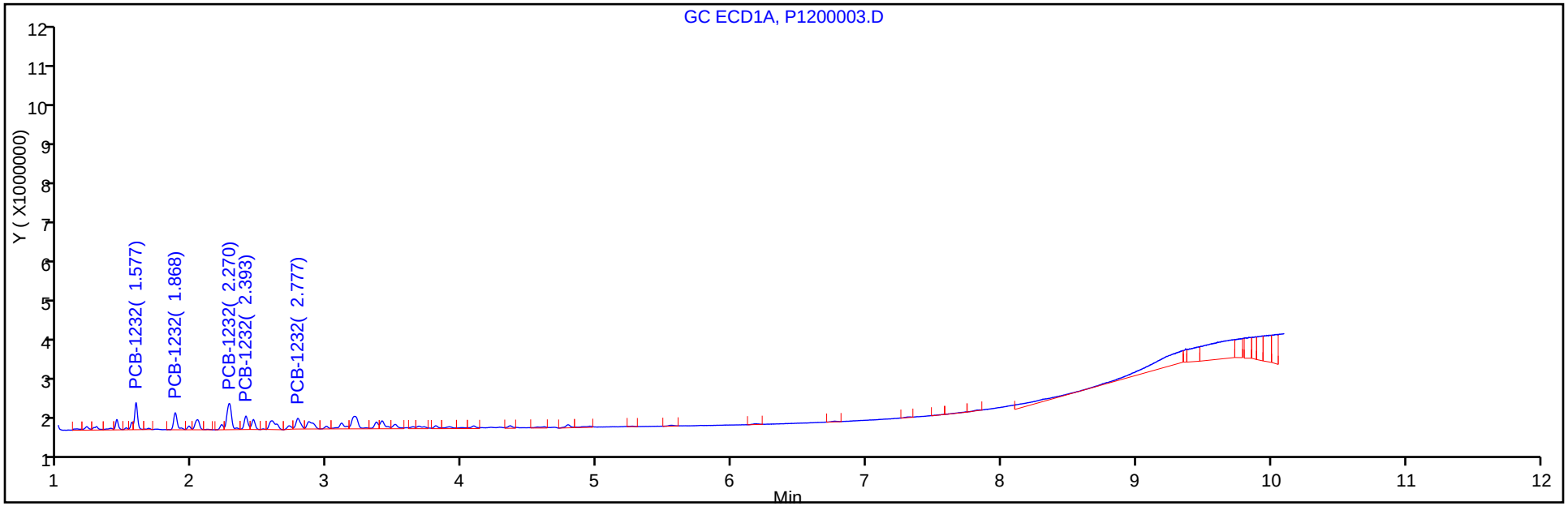
Report Date: 02-Apr-2013 07:01:45 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

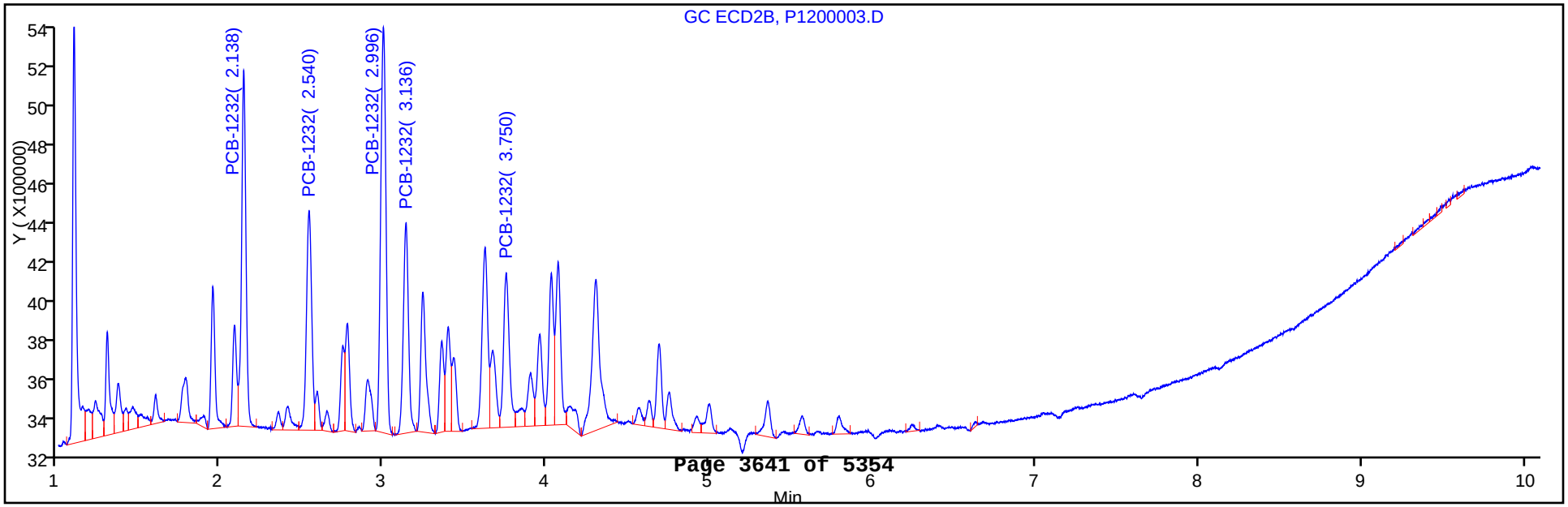
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200003.D

Injection Date:	01-Apr-2013 10:09:35	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200004.D
Lims ID: STD01 1232 Client ID:
Inject. Date: 01-Apr-2013 10:23:39 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0018420-004
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 4
Lims Batch ID: 80043 Lims Sample ID: 4
Sublist: chrom-PCB12*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:46 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100	1.576	1.577	-0.001	2121896	0.1167		100.0	
1	2	1.868	1.868	0.000	1670281	0.1140	57.1- 107.1	78.7	
1	3	2.270	2.270	0.000	3258881	0.1146	138.6- 188.6	153.6	
1	4	2.392	2.393	-0.001	1364408	0.1137	43.2- 93.2	64.3	
1	5	2.779	2.777	0.002	1334990	0.1141	41.1- 91.1	62.9	
			Average of Peak Amounts =			0.1146			
2	6	2.140	2.138	0.002	5997596	0.1124		100.0	
2	7	2.540	2.540	0.000	4603978	0.1135	47.1- 107.1	76.8	
2	8	2.996	2.996	0.000	8701790	0.1082	119.9- 179.9	145.1	
2	9	3.136	3.136	0.000	4054720	0.1107	38.2- 98.2	67.6	
2	10	3.750	3.750	0.000	3468355	0.1123	29.2- 89.2	57.8	
			Average of Peak Amounts =			0.1114			
						RPD = 2.83			

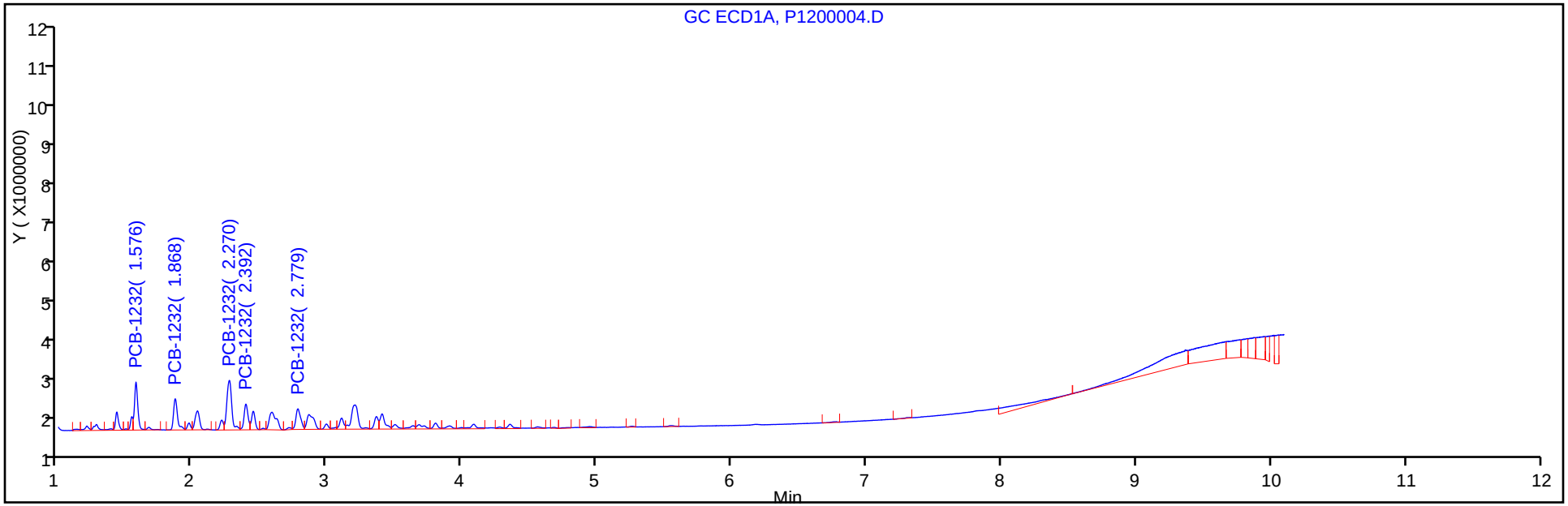
Report Date: 02-Apr-2013 07:01:46 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

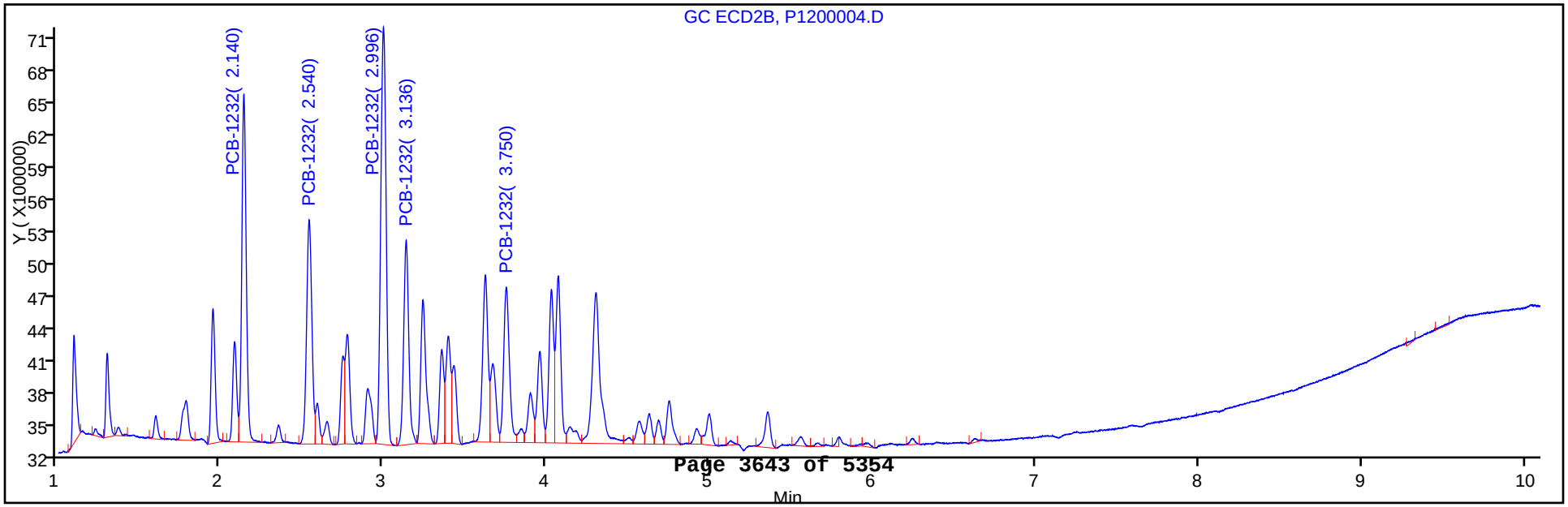
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200004.D

Injection Date:	01-Apr-2013 10:23:39	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200005.D
Lims ID: STD02 1232 Client ID:
Inject. Date: 01-Apr-2013 10:38:11 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0018420-005
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 80043 Lims Sample ID: 5
Sublist: chrom-PCB12*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:47 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100	1.578	1.577	0.001	3766291	0.2072		100.0	
1	2	1.869	1.868	0.001	3093304	0.2112	57.1- 107.1	82.1	
1	3	2.271	2.270	0.001	6163309	0.2167	138.6- 188.6	163.6	
1	4	2.394	2.393	0.001	2569886	0.2141	43.2- 93.2	68.2	
1	5	2.780	2.777	0.003	2488917	0.2127	41.1- 91.1	66.1	
			Average of Peak Amounts =			0.2124			
2	6	2.140	2.138	0.002	10982840	0.2058		100.0	
2	7	2.540	2.540	0.000	8462667	0.2086	47.1- 107.1	77.1	
2	8	2.996	2.996	0.000	16459114	0.2046	119.9- 179.9	149.9	
2	9	3.136	3.136	0.000	7490482	0.2046	38.2- 98.2	68.2	
2	10	3.750	3.750	0.000	6498626	0.2105	29.2- 89.2	59.2	
			Average of Peak Amounts =			0.2068			
						RPD = 2.66			

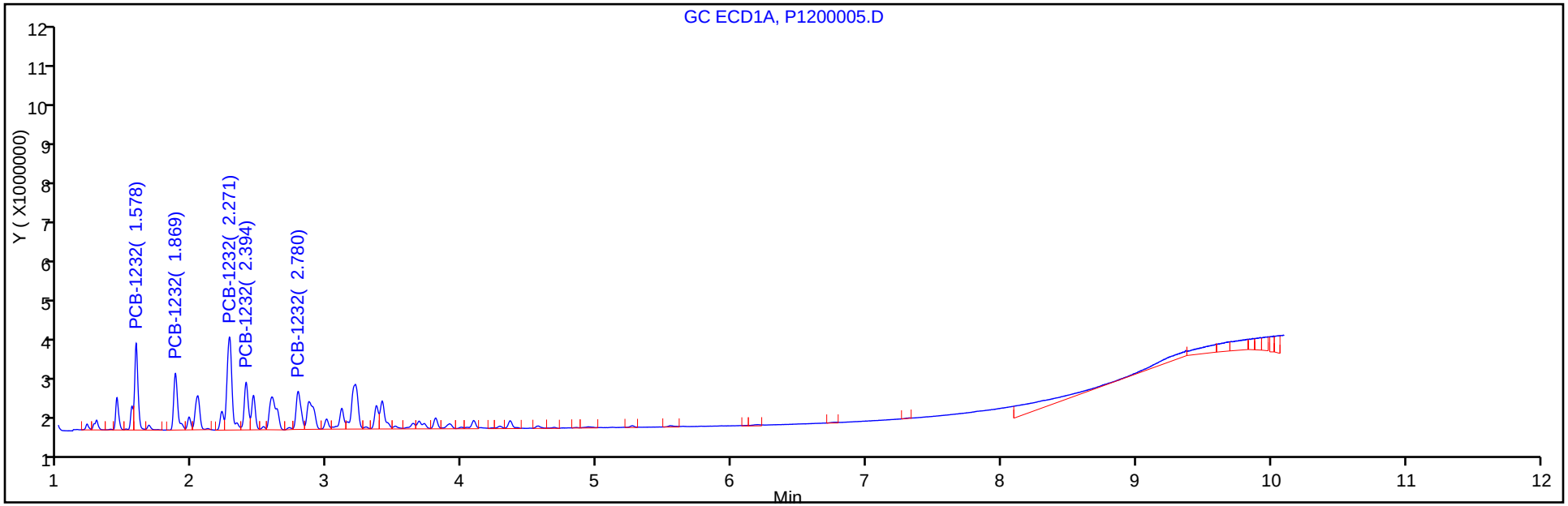
Report Date: 02-Apr-2013 07:01:48 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

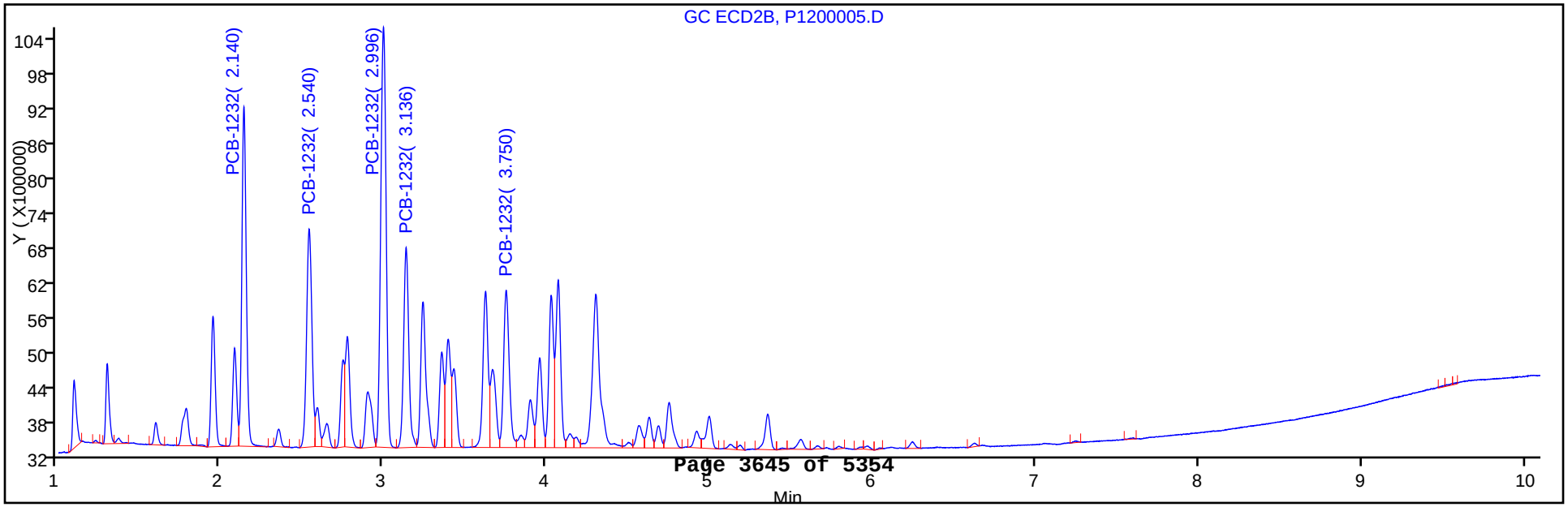
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200005.D

Injection Date:	01-Apr-2013 10:38:11	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200006.D
Lims ID: STD05 1232 Client ID:
Inject. Date: 01-Apr-2013 10:52:44 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0018420-006
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 80043 Lims Sample ID: 6
Sublist: chrom-PCB12*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:48 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100	1.578	1.577	0.001	8919479	0.4907		100.0	
1	2	1.869	1.868	0.001	7191285	0.4909	57.1- 107.1	80.6	
1	3	2.270	2.270	0.000	13492025	0.4744	138.6- 188.6	151.3	
1	4	2.394	2.393	0.001	5888802	0.4907	43.2- 93.2	66.0	
1	5	2.780	2.777	0.003	5601129	0.4786	41.1- 91.1	62.8	
			Average of Peak Amounts =			0.4851			
2	6	2.139	2.138	0.001	25736482	0.4823		100.0	
2	7	2.540	2.540	0.000	19661095	0.4847	47.1- 107.1	76.4	
2	8	2.997	2.996	0.001	39593508	0.4921	119.9- 179.9	153.8	
2	9	3.137	3.136	0.001	17406000	0.4754	38.2- 98.2	67.6	
2	10	3.750	3.750	0.000	14669402	0.4752	29.2- 89.2	57.0	
			Average of Peak Amounts =			0.4819			
						RPD = 0.65			

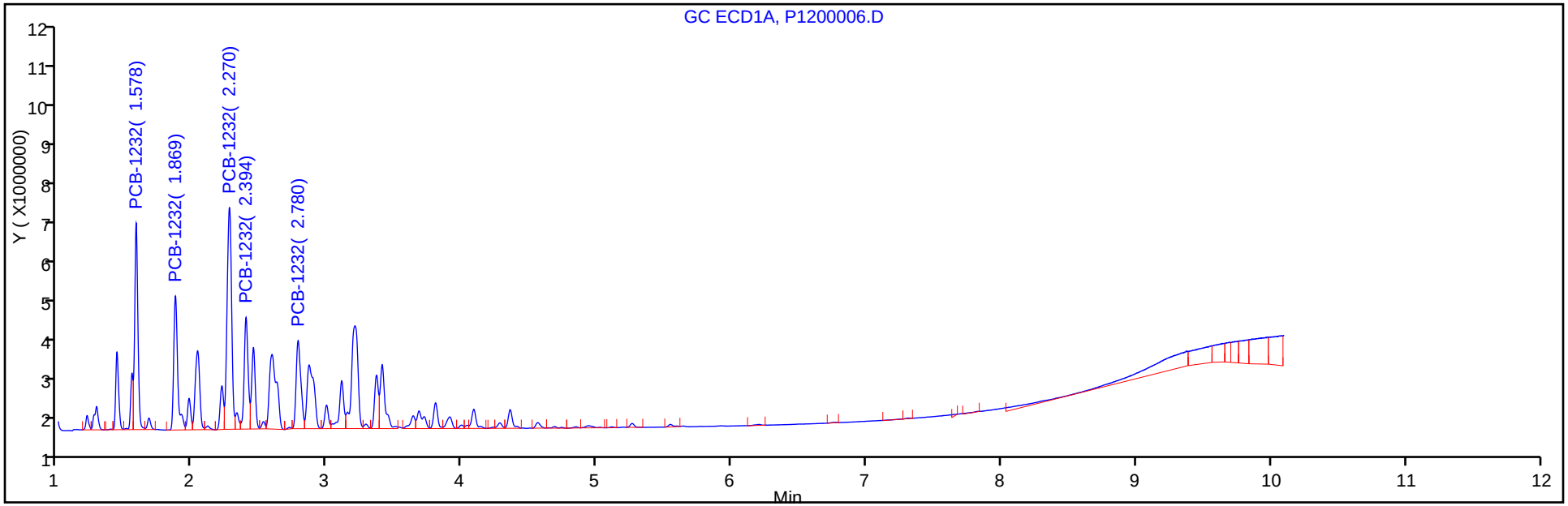
Report Date: 02-Apr-2013 07:01:49 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

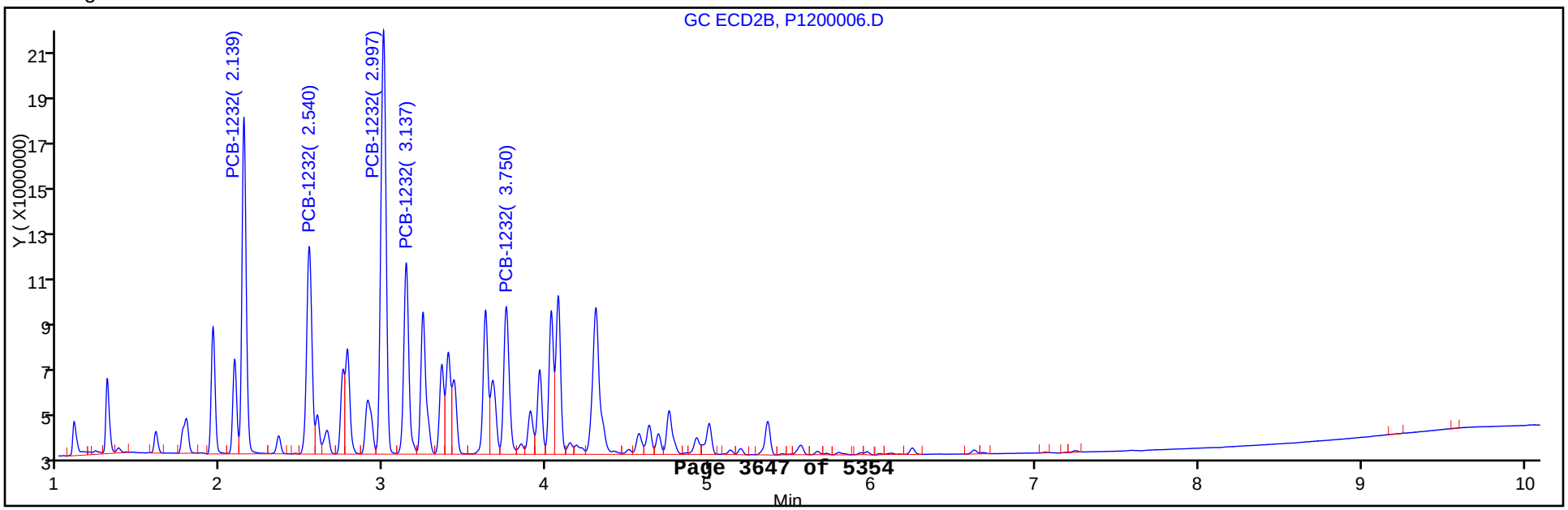
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200006.D

Injection Date:	01-Apr-2013 10:52:44	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200007.D
Lims ID: STD1 1232 Client ID:
Inject. Date: 01-Apr-2013 11:07:17 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0018420-007
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 80043 Lims Sample ID: 7
Sublist: chrom-PCB12*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:49 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100	1.578	1.577	0.001	15651687	0.8611		100.0	
1	2	1.870	1.868	0.002	12741996	0.8699	57.1- 107.1	81.4	
1	3	2.271	2.270	0.001	24609683	0.8653	138.6- 188.6	157.2	
1	4	2.394	2.393	0.001	10641624	0.8867	43.2- 93.2	68.0	
1	5	2.780	2.777	0.003	10356120	0.8850	41.1- 91.1	66.2	
			Average of Peak Amounts =			0.8736			
2	6	2.140	2.138	0.002	46505395	0.8715		100.0	
2	7	2.541	2.540	0.001	35683015	0.8796	47.1- 107.1	76.7	
2	8	2.997	2.996	0.001	74635115	0.9277	119.9- 179.9	160.5	
2	9	3.137	3.136	0.001	31814666	0.8690	38.2- 98.2	68.4	
2	10	3.750	3.750	0.000	26433892	0.8562	29.2- 89.2	56.8	
			Average of Peak Amounts =			0.8808			
						RPD = 0.82			

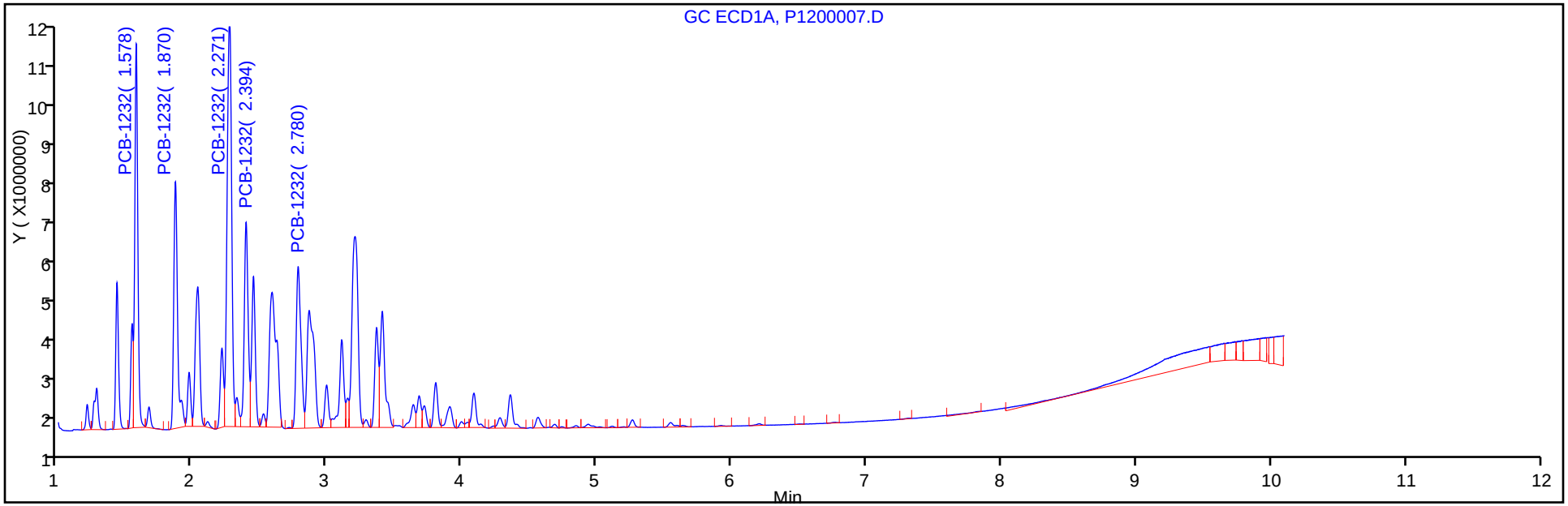
Report Date: 02-Apr-2013 07:01:50 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

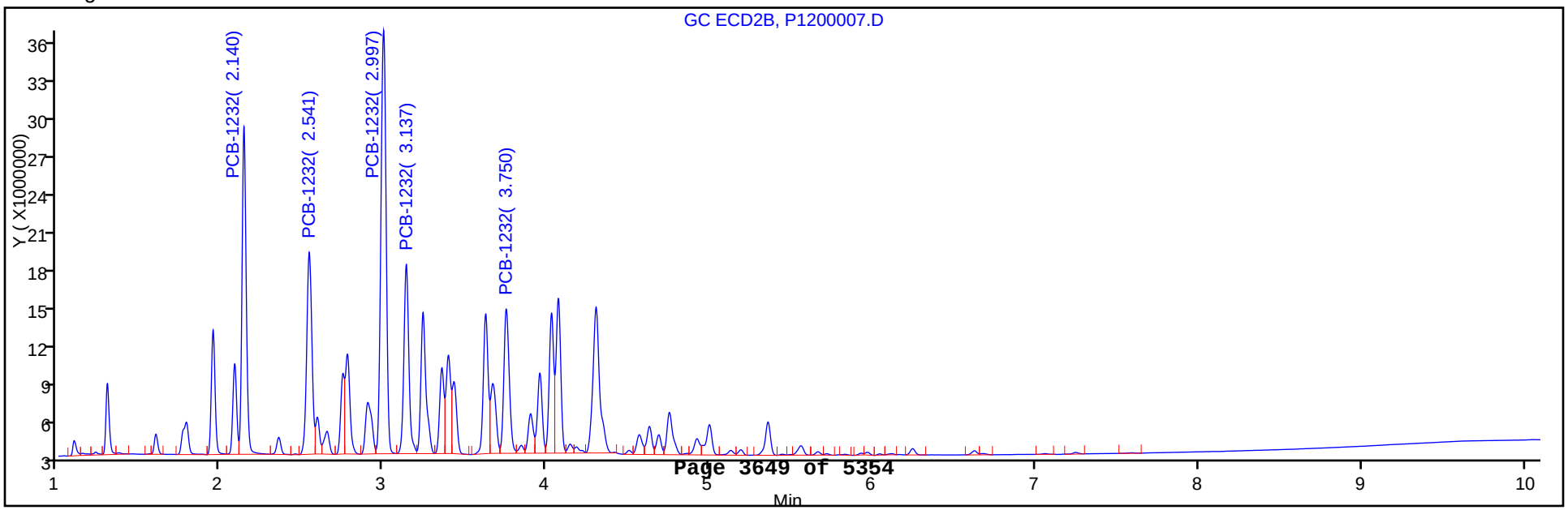
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200007.D

Injection Date:	01-Apr-2013 11:07:17	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200008.D
Lims ID: STD2 1232 Client ID:
Inject. Date: 01-Apr-2013 11:21:51 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0018420-008
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 80043 Lims Sample ID: 8
Sublist: chrom-PCB12*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:51 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100	1.577	1.577	0.000	28343544	1.56		100.0	
1	2	1.868	1.868	0.000	22902217	1.56	57.1- 107.1	80.8	
1	3	2.271	2.270	0.001	45330665	1.59	138.6- 188.6	159.9	
1	4	2.393	2.393	0.000	19413307	1.62	43.2- 93.2	68.5	
1	5	2.780	2.777	0.003	18529304	1.58	41.1- 91.1	65.4	
			Average of Peak Amounts =			1.58			
2	6	2.138	2.138	0.000	85474691	1.60		100.0	
2	7	2.540	2.540	0.000	64888909	1.60	47.1- 107.1	75.9	
2	8	2.997	2.996	0.001	142554635	1.77	119.9- 179.9	166.8	
2	9	3.136	3.136	0.000	60155102	1.64	38.2- 98.2	70.4	
2	10	3.749	3.750	-0.001	50031048	1.62	29.2- 89.2	58.5	
			Average of Peak Amounts =			1.65			
						RPD = 3.95			

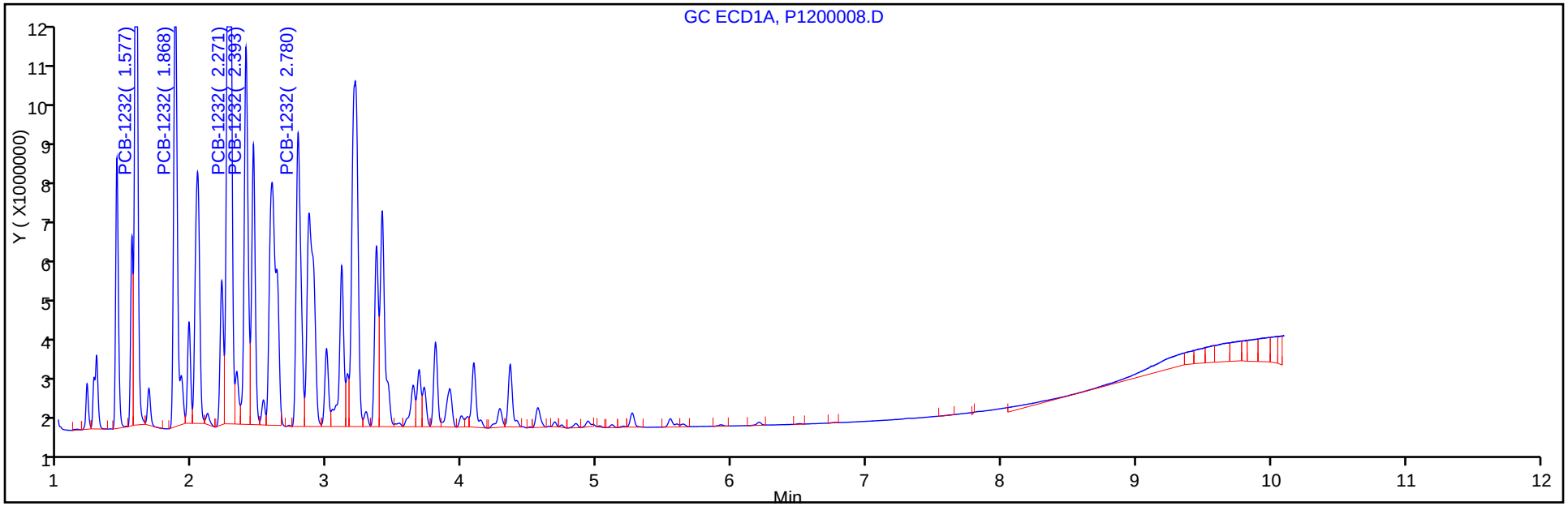
Report Date: 02-Apr-2013 07:01:51 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

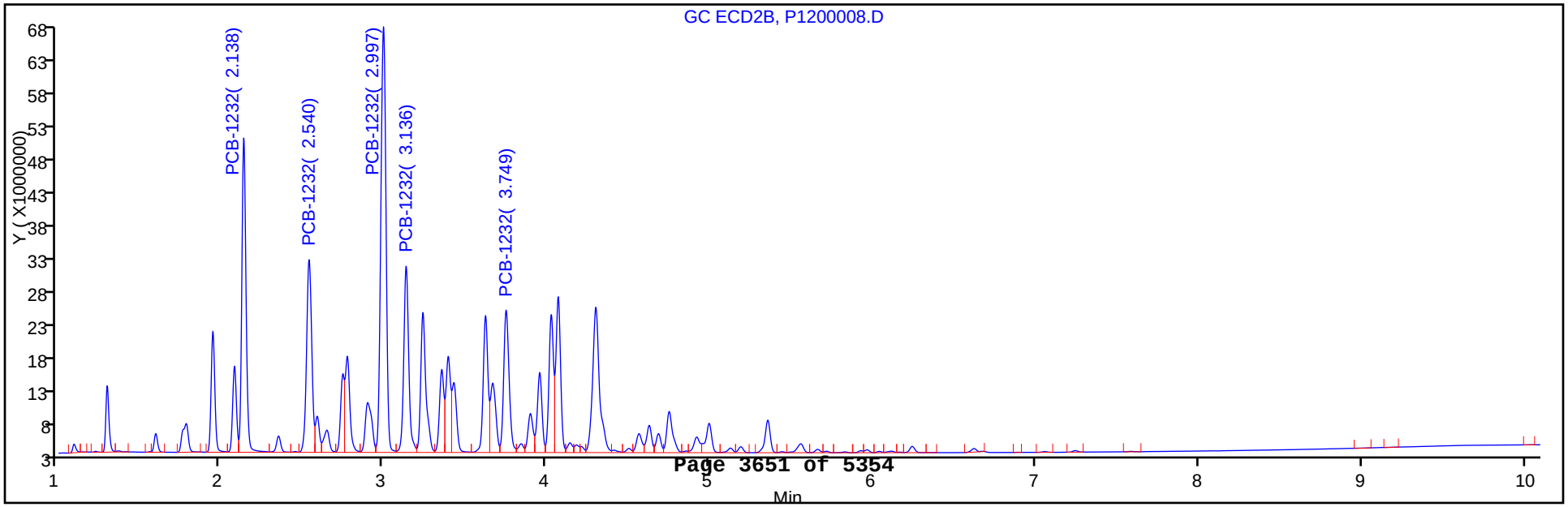
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200008.D

Injection Date:	01-Apr-2013 11:21:51	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1 Analy Batch No.: 80043

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/01/2013 10:09 Calibration End Date: 04/01/2013 11:21 Calibration ID: 14309

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-80043/3	P1200003.D
Level 2	STD01 240-80043/4	P1200004.D
Level 3	STD02 240-80043/5	P1200005.D
Level 4	STD05 240-80043/6	P1200006.D
Level 5	STD1 240-80043/7	P1200007.D
Level 6	STD2 240-80043/8	P1200008.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1232 Peak 1	2.138	2.140	2.140	2.139	2.140	2.138					2.088 - 2.188	2.139
PCB-1232 Peak 2	2.540	2.540	2.540	2.540	2.541	2.540					2.490 - 2.590	2.540
PCB-1232 Peak 3	2.996	2.996	2.996	2.997	2.997	2.997					2.946 - 3.046	2.997
PCB-1232 Peak 4	3.136	3.136	3.136	3.137	3.137	3.136					3.086 - 3.186	3.136
PCB-1232 Peak 5	3.750	3.750	3.750	3.750	3.750	3.749					3.700 - 3.800	3.750

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-22648-1 Analy Batch No.: 80043

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/01/2013 10:09 Calibration End Date: 04/01/2013 11:21 Calibration ID: 14309

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-80043/3	P1200003.D
Level 2	STD01 240-80043/4	P1200004.D
Level 3	STD02 240-80043/5	P1200005.D
Level 4	STD05 240-80043/6	P1200006.D
Level 5	STD1 240-80043/7	P1200007.D
Level 6	STD2 240-80043/8	P1200008.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	64582320 46505395	59975960 42737346	54914200	51472964	Ave		53364697.4				15.0		20.0			
PCB-1232 Peak 2	47598020 35683015	46039780 32444455	42313335	39322190	Ave		40566799.1				15.0		20.0			
PCB-1232 Peak 3	88289400 74635115	87017900 71277318	82295570	79187016	Ave		80450386.4				8.4		20.0			
PCB-1232 Peak 4	44972460 31814666	40547200 30077551	37452410	34812000	Ave		36612714.5				15.0		20.0			
PCB-1232 Peak 5	37270440 26433892	34683550 25015524	32493130	29338804	Ave		30872556.7				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.: 240-22648-1 Analy Batch No.: 80043

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/01/2013 10:09 Calibration End Date: 04/01/2013 11:21 Calibration ID: 14309

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-80043/3	P1200003.D
Level 2	STD01 240-80043/4	P1200004.D
Level 3	STD02 240-80043/5	P1200005.D
Level 4	STD05 240-80043/6	P1200006.D
Level 5	STD1 240-80043/7	P1200007.D
Level 6	STD2 240-80043/8	P1200008.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	3229116 85474691	5997596	10982840	25736482	46505395	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 2	Ave	2379901 64888909	4603978	8462667	19661095	35683015	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 3	Ave	4414470 142554635	8701790	16459114	39593508	74635115	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 4	Ave	2248623 60155102	4054720	7490482	17406000	31814666	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 5	Ave	1863522 50031048	3468355	6498626	14669402	26433892	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\A2HP12\20130401-18420.b\P1200003.D
Lims ID: STD005 1232 Client ID:
Inject. Date: 01-Apr-2013 10:09:35 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0018420-003
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 3
Lims Batch ID: 80043 Lims Sample ID: 3
Sublist: chrom-PCB12*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:44 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100	1.577	1.577	0.000	1067402	0.0587		100.0	
1	2	1.868	1.868	0.000	857099	0.0585	57.1- 107.1	80.3	
1	3	2.270	2.270	0.000	1648917	0.0580	138.6- 188.6	154.5	
1	4	2.393	2.393	0.000	669243	0.0558	43.2- 93.2	62.7	
1	5	2.777	2.777	0.000	679749	0.0581	41.1- 91.1	63.7	
			Average of Peak Amounts =			0.0578			
2	6	2.138	2.138	0.000	3229116	0.0605		100.0	
2	7	2.540	2.540	0.000	2379901	0.0587	47.1- 107.1	73.7	
2	8	2.996	2.996	0.000	4414470	0.0549	119.9- 179.9	136.7	
2	9	3.136	3.136	0.000	2248623	0.0614	38.2- 98.2	69.6	
2	10	3.750	3.750	0.000	1863522	0.0604	29.2- 89.2	57.7	
			Average of Peak Amounts =			0.0592			
						RPD = 2.31			

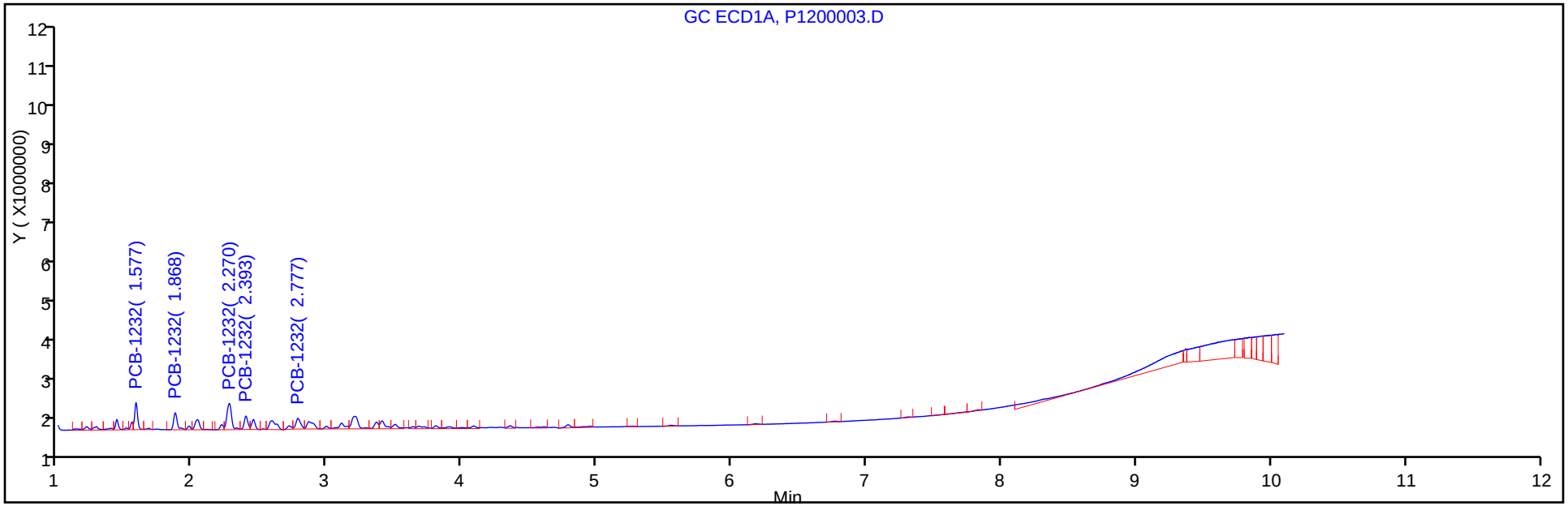
Report Date: 02-Apr-2013 07:01:45 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

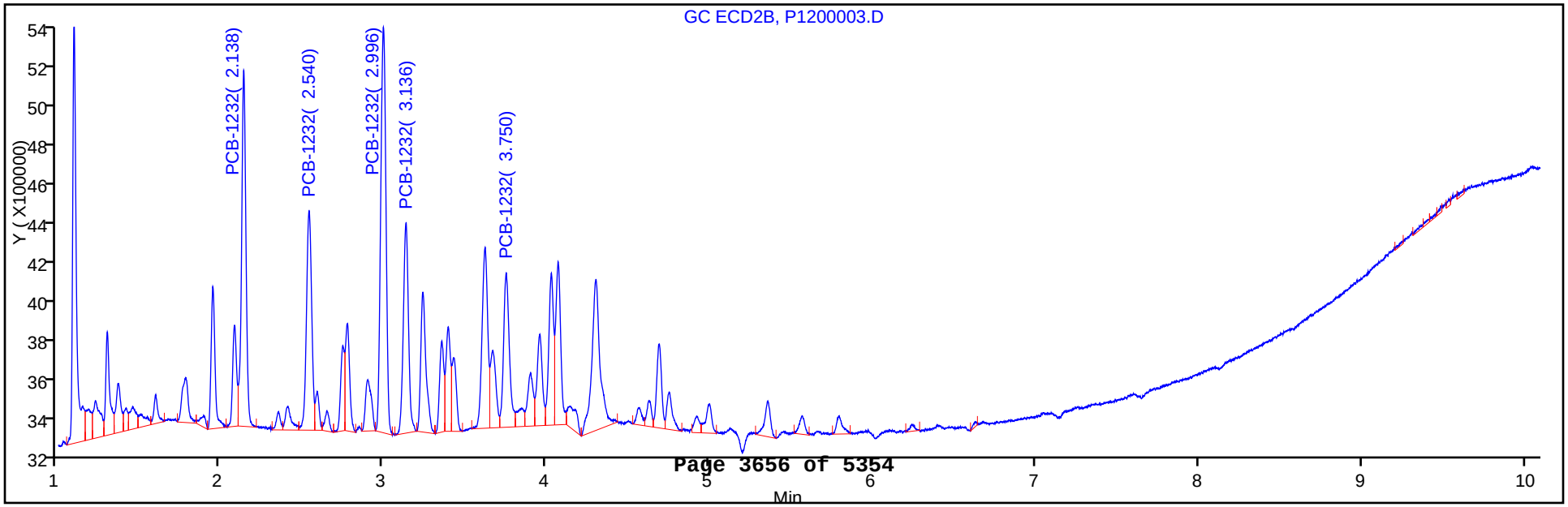
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200003.D

Injection Date:	01-Apr-2013 10:09:35	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200004.D
Lims ID: STD01 1232 Client ID:
Inject. Date: 01-Apr-2013 10:23:39 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0018420-004
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 4
Lims Batch ID: 80043 Lims Sample ID: 4
Sublist: chrom-PCB12*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:46 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100	1.576	1.577	-0.001	2121896	0.1167		100.0	
1	2	1.868	1.868	0.000	1670281	0.1140	57.1- 107.1	78.7	
1	3	2.270	2.270	0.000	3258881	0.1146	138.6- 188.6	153.6	
1	4	2.392	2.393	-0.001	1364408	0.1137	43.2- 93.2	64.3	
1	5	2.779	2.777	0.002	1334990	0.1141	41.1- 91.1	62.9	
			Average of Peak Amounts =			0.1146			
2	6	2.140	2.138	0.002	5997596	0.1124		100.0	
2	7	2.540	2.540	0.000	4603978	0.1135	47.1- 107.1	76.8	
2	8	2.996	2.996	0.000	8701790	0.1082	119.9- 179.9	145.1	
2	9	3.136	3.136	0.000	4054720	0.1107	38.2- 98.2	67.6	
2	10	3.750	3.750	0.000	3468355	0.1123	29.2- 89.2	57.8	
			Average of Peak Amounts =			0.1114			
						RPD = 2.83			

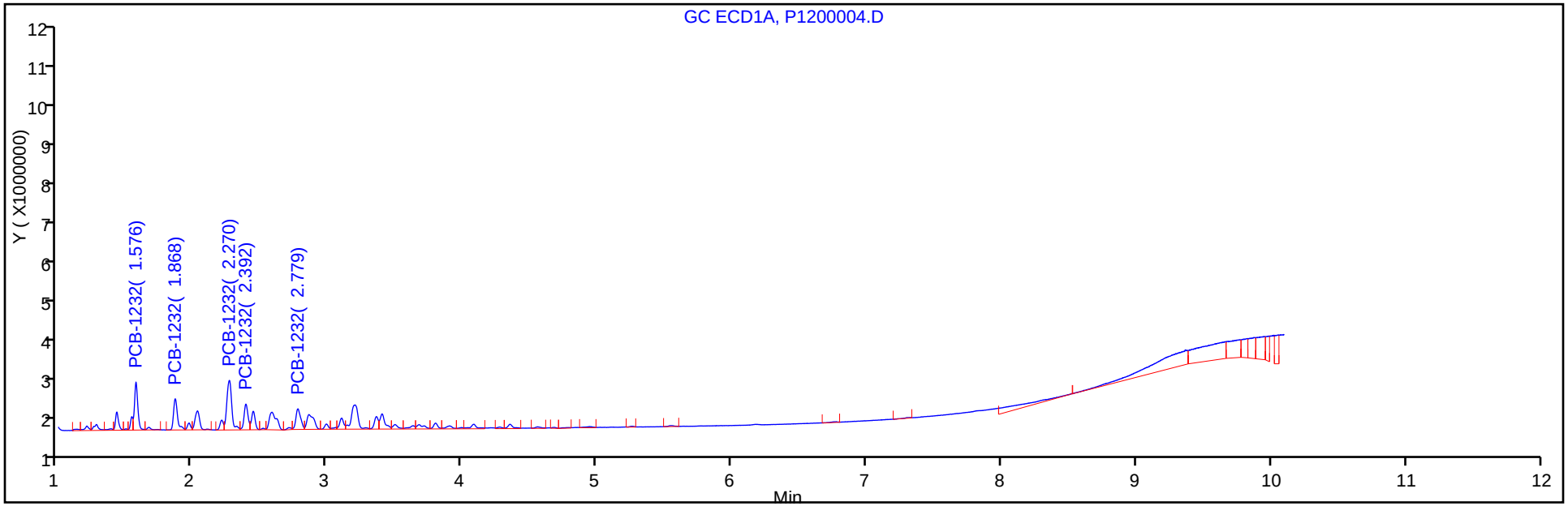
Report Date: 02-Apr-2013 07:01:46 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

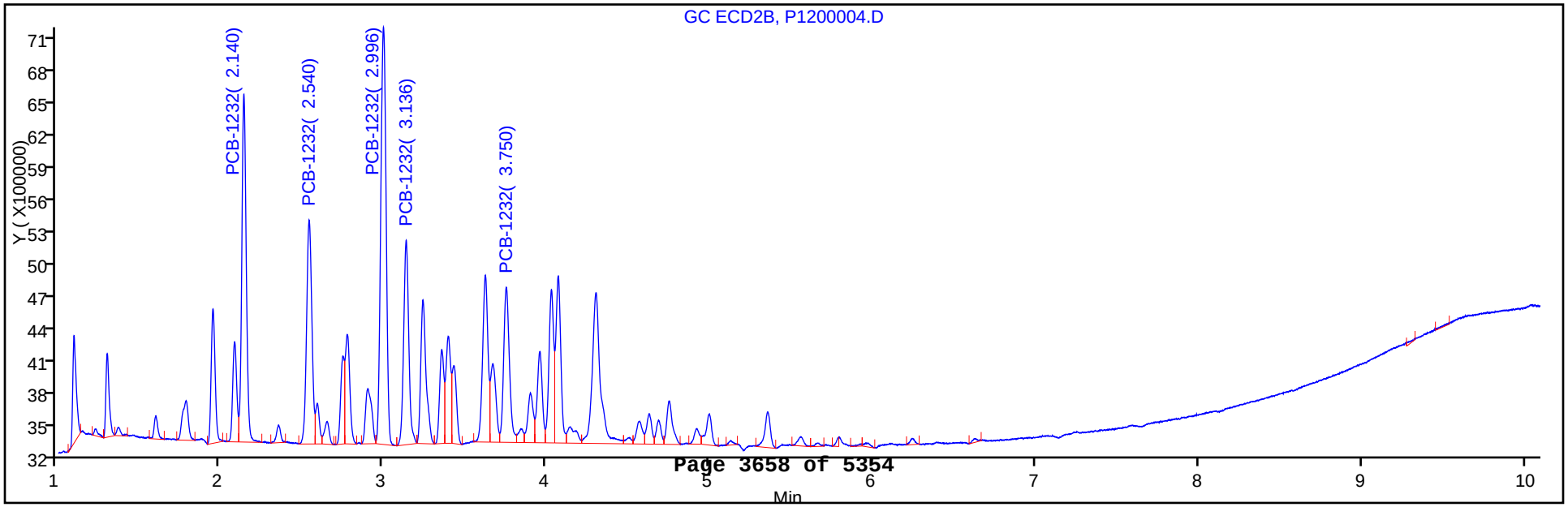
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Injection Date:	01-Apr-2013 10:23:39	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200005.D
Lims ID: STD02 1232 Client ID:
Inject. Date: 01-Apr-2013 10:38:11 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0018420-005
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 80043 Lims Sample ID: 5
Sublist: chrom-PCB12*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:47 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100	1.578	1.577	0.001	3766291	0.2072		100.0	
1	2	1.869	1.868	0.001	3093304	0.2112	57.1- 107.1	82.1	
1	3	2.271	2.270	0.001	6163309	0.2167	138.6- 188.6	163.6	
1	4	2.394	2.393	0.001	2569886	0.2141	43.2- 93.2	68.2	
1	5	2.780	2.777	0.003	2488917	0.2127	41.1- 91.1	66.1	
			Average of Peak Amounts =			0.2124			
2	6	2.140	2.138	0.002	10982840	0.2058		100.0	
2	7	2.540	2.540	0.000	8462667	0.2086	47.1- 107.1	77.1	
2	8	2.996	2.996	0.000	16459114	0.2046	119.9- 179.9	149.9	
2	9	3.136	3.136	0.000	7490482	0.2046	38.2- 98.2	68.2	
2	10	3.750	3.750	0.000	6498626	0.2105	29.2- 89.2	59.2	
			Average of Peak Amounts =			0.2068			
						RPD = 2.66			

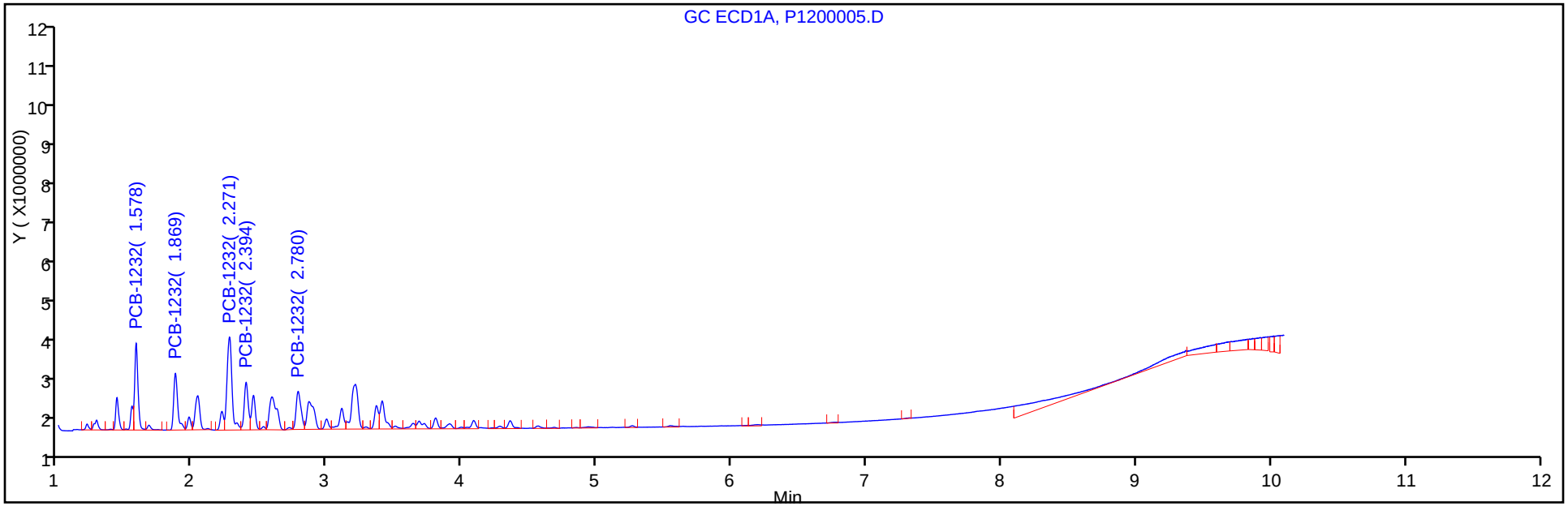
Report Date: 02-Apr-2013 07:01:48 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

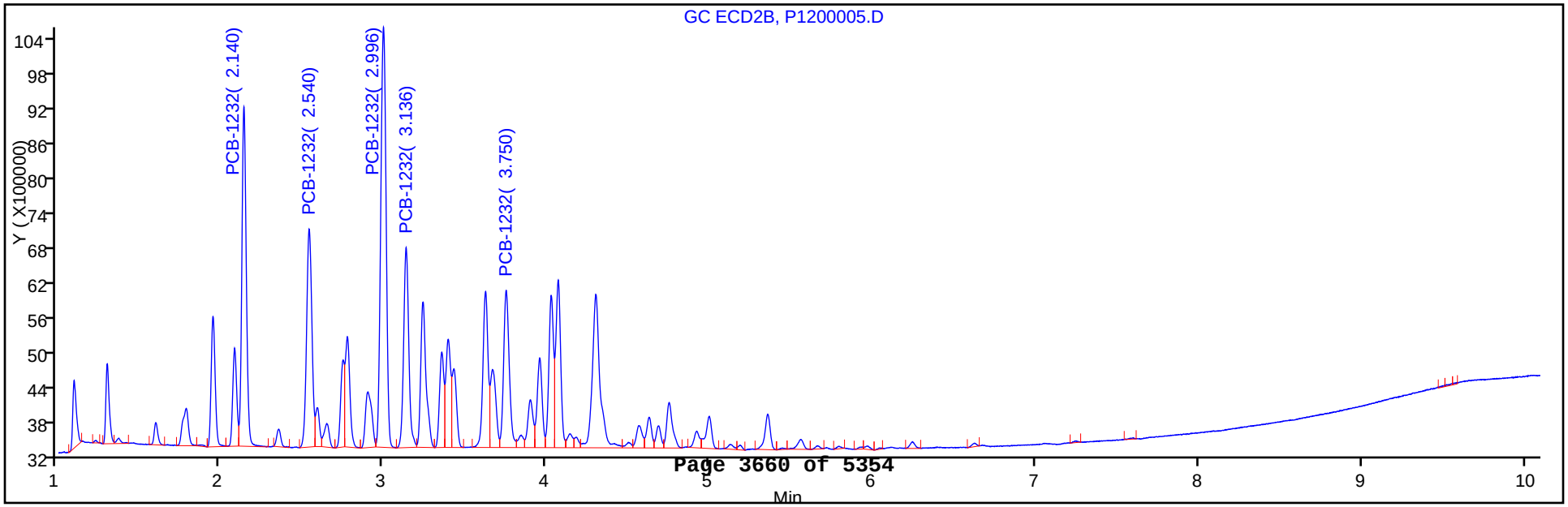
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200005.D

Injection Date:	01-Apr-2013 10:38:11	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200006.D
Lims ID: STD05 1232 Client ID:
Inject. Date: 01-Apr-2013 10:52:44 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0018420-006
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 80043 Lims Sample ID: 6
Sublist: chrom-PCB12*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:48 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100	1.578	1.577	0.001	8919479	0.4907		100.0	
1	2	1.869	1.868	0.001	7191285	0.4909	57.1- 107.1	80.6	
1	3	2.270	2.270	0.000	13492025	0.4744	138.6- 188.6	151.3	
1	4	2.394	2.393	0.001	5888802	0.4907	43.2- 93.2	66.0	
1	5	2.780	2.777	0.003	5601129	0.4786	41.1- 91.1	62.8	
			Average of Peak Amounts =			0.4851			
2	6	2.139	2.138	0.001	25736482	0.4823		100.0	
2	7	2.540	2.540	0.000	19661095	0.4847	47.1- 107.1	76.4	
2	8	2.997	2.996	0.001	39593508	0.4921	119.9- 179.9	153.8	
2	9	3.137	3.136	0.001	17406000	0.4754	38.2- 98.2	67.6	
2	10	3.750	3.750	0.000	14669402	0.4752	29.2- 89.2	57.0	
			Average of Peak Amounts =			0.4819			
						RPD = 0.65			

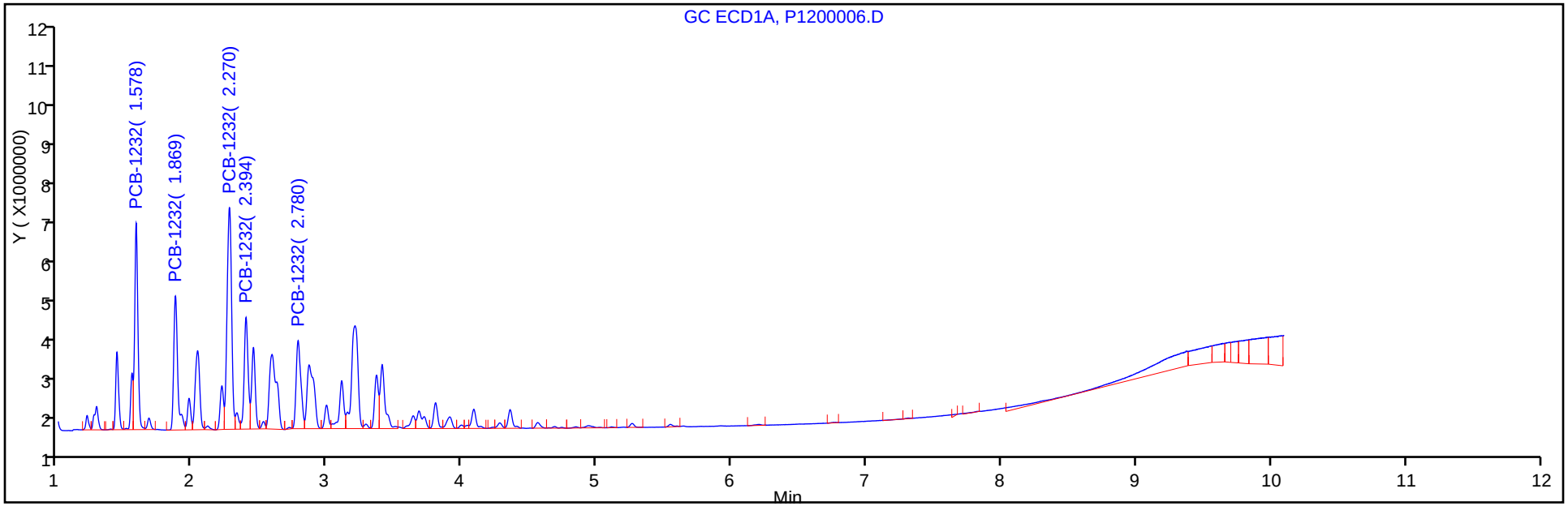
Report Date: 02-Apr-2013 07:01:49 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

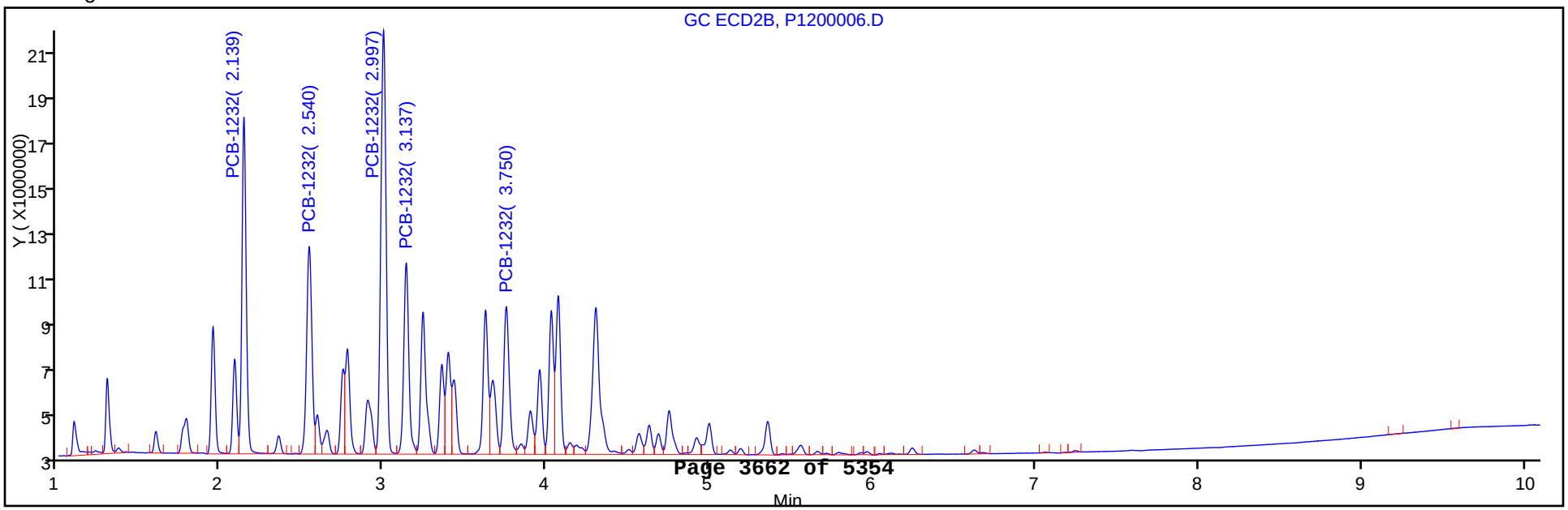
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200006.D

Injection Date:	01-Apr-2013 10:52:44	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200007.D
Lims ID: STD1 1232 Client ID:
Inject. Date: 01-Apr-2013 11:07:17 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0018420-007
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 80043 Lims Sample ID: 7
Sublist: chrom-PCB12*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:49 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100	1.578	1.577	0.001	15651687	0.8611		100.0	
1	2	1.870	1.868	0.002	12741996	0.8699	57.1- 107.1	81.4	
1	3	2.271	2.270	0.001	24609683	0.8653	138.6- 188.6	157.2	
1	4	2.394	2.393	0.001	10641624	0.8867	43.2- 93.2	68.0	
1	5	2.780	2.777	0.003	10356120	0.8850	41.1- 91.1	66.2	
			Average of Peak Amounts =			0.8736			
2	6	2.140	2.138	0.002	46505395	0.8715		100.0	
2	7	2.541	2.540	0.001	35683015	0.8796	47.1- 107.1	76.7	
2	8	2.997	2.996	0.001	74635115	0.9277	119.9- 179.9	160.5	
2	9	3.137	3.136	0.001	31814666	0.8690	38.2- 98.2	68.4	
2	10	3.750	3.750	0.000	26433892	0.8562	29.2- 89.2	56.8	
			Average of Peak Amounts =			0.8808			
						RPD = 0.82			

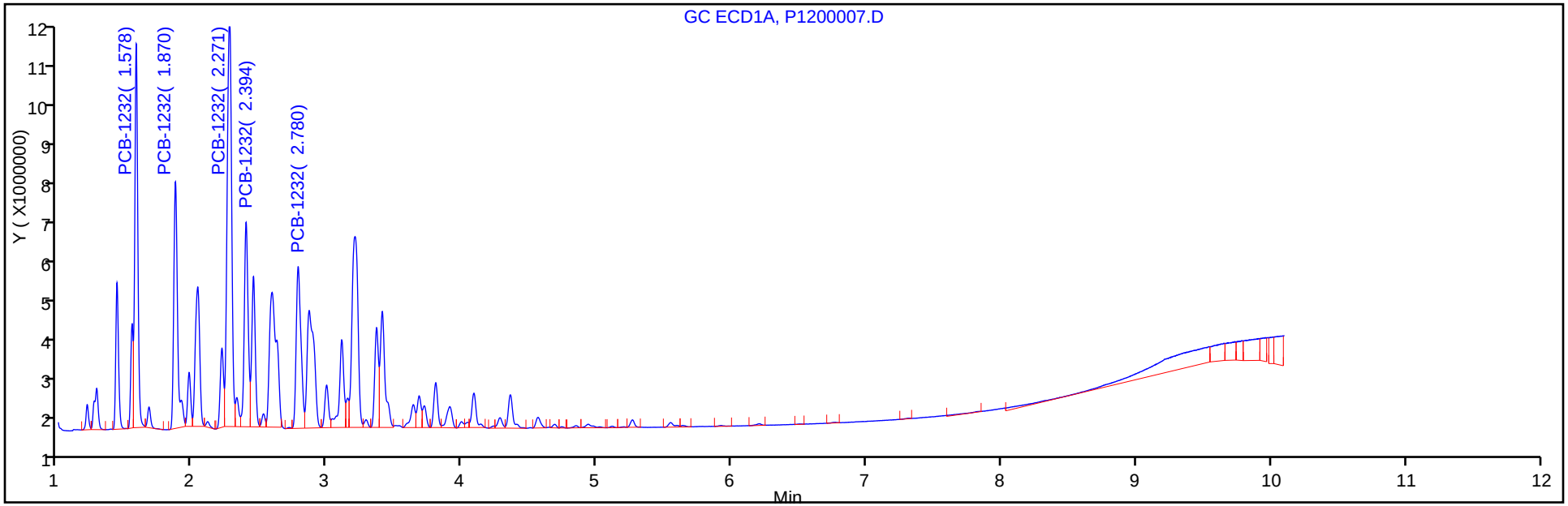
Report Date: 02-Apr-2013 07:01:50 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

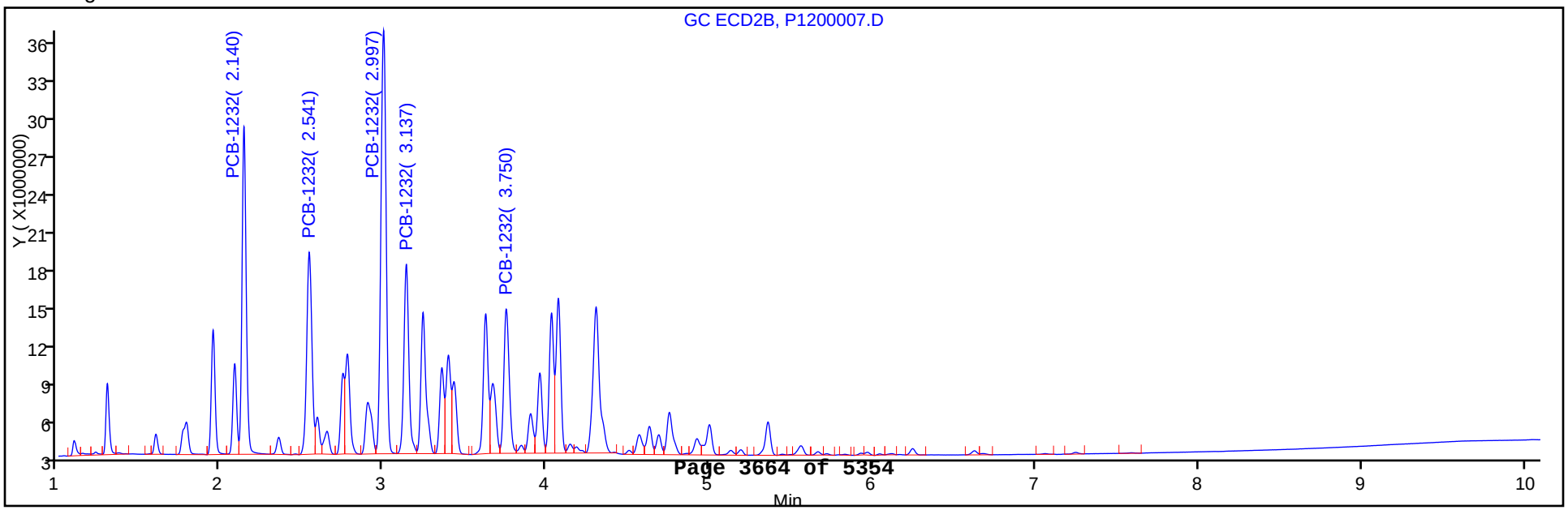
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200007.D

Injection Date:	01-Apr-2013 11:07:17	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200008.D
Lims ID: STD2 1232 Client ID:
Inject. Date: 01-Apr-2013 11:21:51 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0018420-008
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 80043 Lims Sample ID: 8
Sublist: chrom-PCB12*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:51 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100	1.577	1.577	0.000	28343544	1.56		100.0	
1	2	1.868	1.868	0.000	22902217	1.56	57.1- 107.1	80.8	
1	3	2.271	2.270	0.001	45330665	1.59	138.6- 188.6	159.9	
1	4	2.393	2.393	0.000	19413307	1.62	43.2- 93.2	68.5	
1	5	2.780	2.777	0.003	18529304	1.58	41.1- 91.1	65.4	
			Average of Peak Amounts =			1.58			
2	6	2.138	2.138	0.000	85474691	1.60		100.0	
2	7	2.540	2.540	0.000	64888909	1.60	47.1- 107.1	75.9	
2	8	2.997	2.996	0.001	142554635	1.77	119.9- 179.9	166.8	
2	9	3.136	3.136	0.000	60155102	1.64	38.2- 98.2	70.4	
2	10	3.749	3.750	-0.001	50031048	1.62	29.2- 89.2	58.5	
			Average of Peak Amounts =			1.65			
						RPD = 3.95			

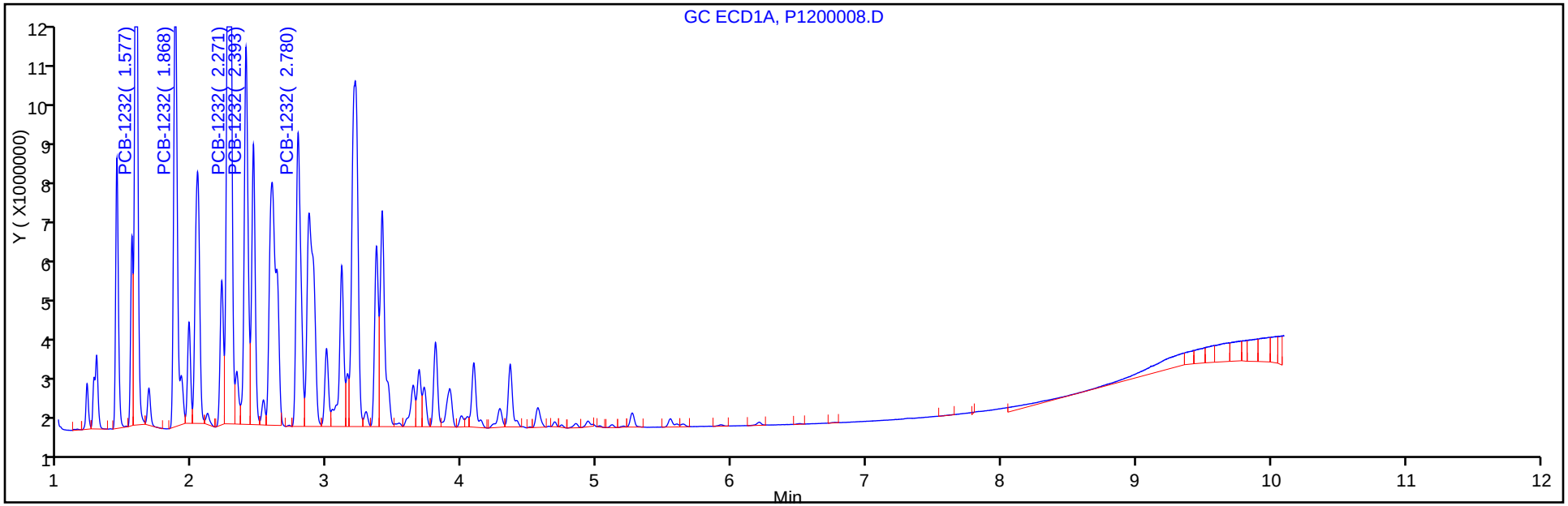
Report Date: 02-Apr-2013 07:01:52 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

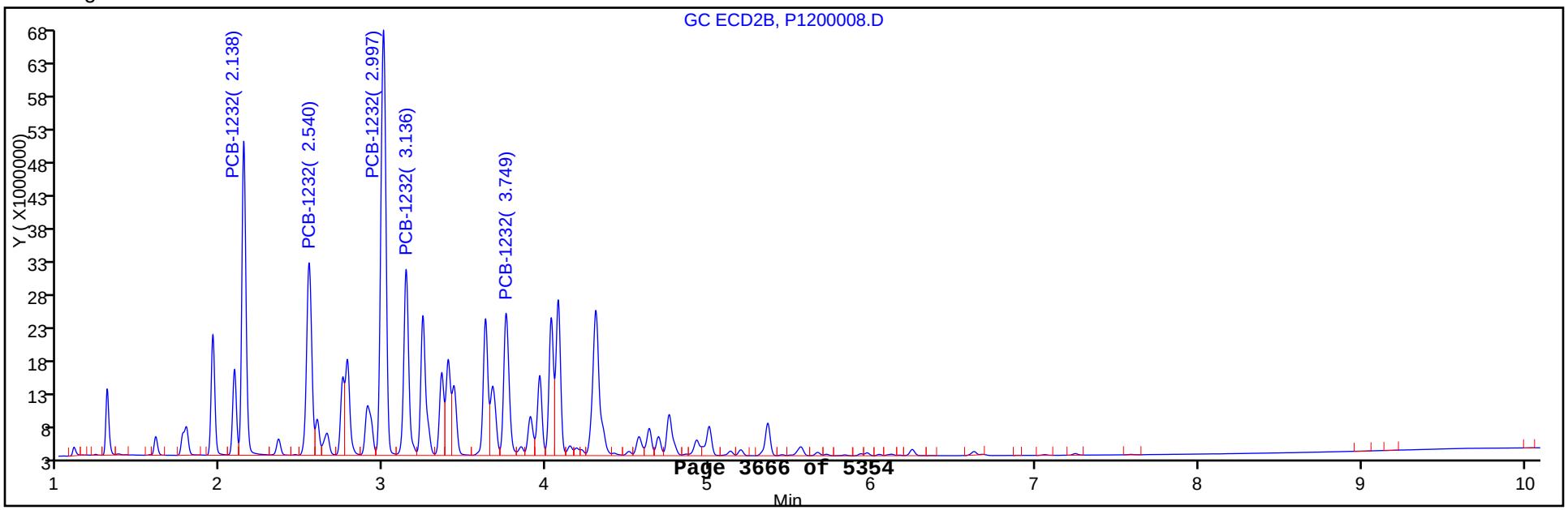
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200008.D

Injection Date:	01-Apr-2013 11:21:51	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1 Analy Batch No.: 80043

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/01/2013 11:35 Calibration End Date: 04/01/2013 12:48 Calibration ID: 14314

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-80043/9	P1200009.D
Level 2	STD01 240-80043/10	P1200010.D
Level 3	STD02 240-80043/11	P1200011.D
Level 4	STD05 240-80043/12	P1200012.D
Level 5	STD1 240-80043/13	P1200013.D
Level 6	STD2 240-80043/14	P1200014.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1242 Peak 1	1.575	1.577	1.576	1.577	1.575	1.575					1.525 - 1.625	1.576
PCB-1242 Peak 2	1.865	1.867	1.866	1.869	1.865	1.865					1.815 - 1.915	1.866
PCB-1242 Peak 3	2.265	2.267	2.266	2.268	2.266	2.265					2.215 - 2.315	2.266
PCB-1242 Peak 4	2.388	2.389	2.390	2.391	2.388	2.387					2.338 - 2.438	2.389
PCB-1242 Peak 5	2.775	2.774	2.774	2.776	2.774	2.772					2.725 - 2.825	2.774

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-22648-1 Analy Batch No.: 80043

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/01/2013 11:35 Calibration End Date: 04/01/2013 12:48 Calibration ID: 14314

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-80043/9	P1200009.D
Level 2	STD01 240-80043/10	P1200010.D
Level 3	STD02 240-80043/11	P1200011.D
Level 4	STD05 240-80043/12	P1200012.D
Level 5	STD1 240-80043/13	P1200013.D
Level 6	STD2 240-80043/14	P1200014.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	15004320 11367362	14469500 9829978	14244905	12072192	Ave		12831376.1				16.0		20.0			
PCB-1242 Peak 2	29138640 22025518	27926670 20023881	26871100	22716678	Ave		24783747.8				15.0		20.0			
PCB-1242 Peak 3	59522140 48859756	58919450 43061175	52990220	46168508	Ave		51586874.8				13.0		20.0			
PCB-1242 Peak 4	24894700 19950619	24818490 18443819	23729915	20362120	Ave		22033277.2				13.0		20.0			
PCB-1242 Peak 5	27215220 21039397	26720000 19399697	24988185	21505094	Ave		23477932.1				14.0		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.: 240-22648-1 Analy Batch No.: 80043

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/01/2013 11:35 Calibration End Date: 04/01/2013 12:48 Calibration ID: 14314

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-80043/9	P1200009.D
Level 2	STD01 240-80043/10	P1200010.D
Level 3	STD02 240-80043/11	P1200011.D
Level 4	STD05 240-80043/12	P1200012.D
Level 5	STD1 240-80043/13	P1200013.D
Level 6	STD2 240-80043/14	P1200014.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	750216 19659955	1446950	2848981	6036096	11367362	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 2	Ave	1456932 40047761	2792667	5374220	11358339	22025518	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 3	Ave	2976107 86122350	5891945	10598044	23084254	48859756	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 4	Ave	1244735 36887638	2481849	4745983	10181060	19950619	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 5	Ave	1360761 38799393	2672000	4997637	10752547	21039397	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\A2HP12\20130401-18420.b\P1200009.D
Lims ID: STD005 1242 Client ID:
Inject. Date: 01-Apr-2013 11:35:59 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0018420-009
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 9
Lims Batch ID: 80043 Lims Sample ID: 9
Sublist: chrom-PCB12*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:52 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100	1.575	1.575	0.000	750216	0.0585		100.0	
1	2	1.865	1.865	0.000	1456932	0.0588	163.6- 213.6	194.2	
1	3	2.265	2.265	0.000	2976107	0.0577	347.0- 397.0	396.7	
1	4	2.388	2.388	0.000	1244735	0.0565	141.6- 191.6	165.9	
1	5	2.775	2.775	0.000	1360761	0.0580	150.4- 200.4	181.4	
			Average of Peak Amounts =			0.0579			
2	6	2.136	2.136	0.000	2391790	0.0627		100.0	
2	7	2.536	2.536	0.000	4246944	0.0585	162.4- 222.4	177.6	
2	8	2.991	2.991	0.000	7976503	0.0541	348.9- 408.9	333.5	
2	9	3.130	3.130	0.000	3784975	0.0584	136.6- 196.6	158.2	
2	10	3.615	3.615	0.000	3653834	0.0425	108.6- 168.6	152.8	
			Average of Peak Amounts =			0.0552			
						RPD = 4.67			

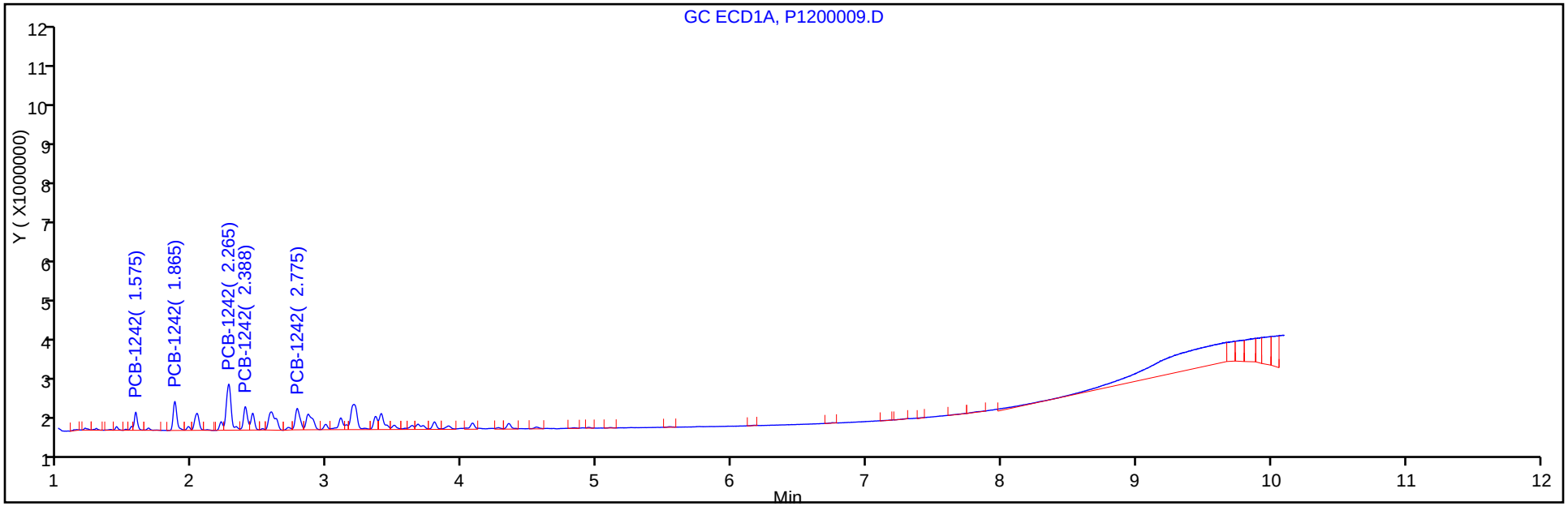
Report Date: 02-Apr-2013 07:01:53 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

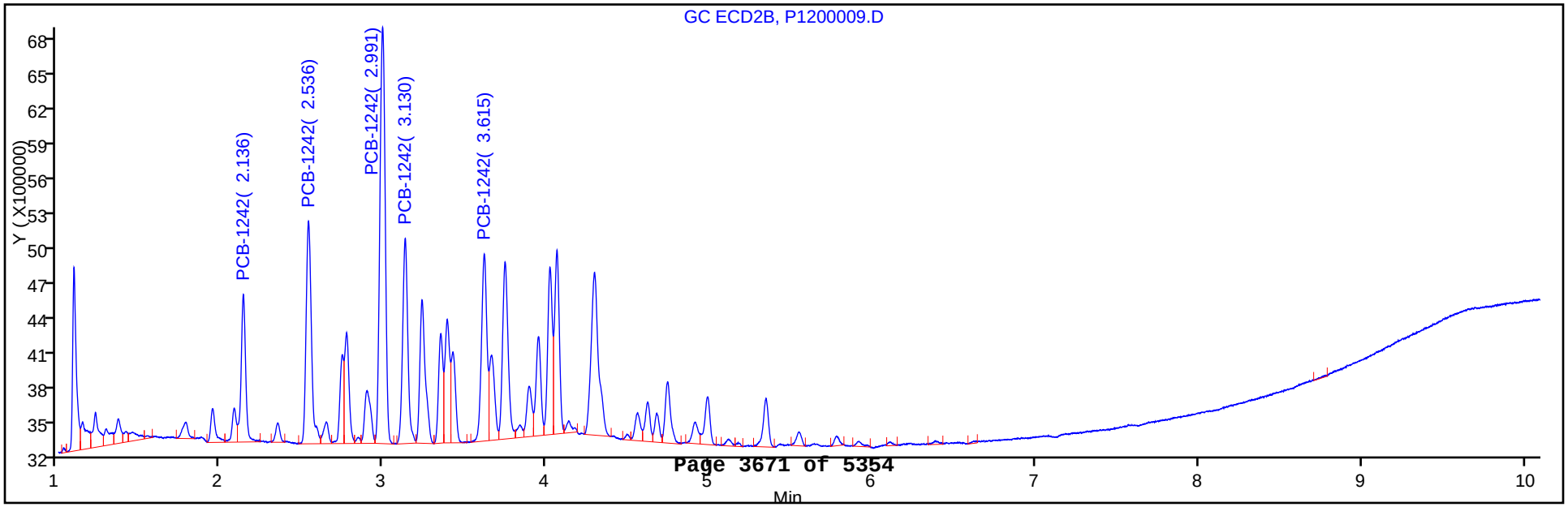
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200009.D

Injection Date:	01-Apr-2013 11:35:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200010.D
Lims ID: STD01 1242 Client ID:
Inject. Date: 01-Apr-2013 11:50:41 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0018420-010
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 10
Lims Batch ID: 80043 Lims Sample ID: 10
Sublist: chrom-PCB12*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:53 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

First Level Reviewer: hassl Date: 02-Apr-2013 06:40:20

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100	1.577	1.575	0.002	1446950	0.1128		100.0	
1	2	1.867	1.865	0.002	2792667	0.1127	163.6- 213.6	193.0	
1	3	2.267	2.265	0.002	5891945	0.1142	347.0- 397.0	407.2	
1	4	2.389	2.388	0.001	2481849	0.1126	141.6- 191.6	171.5	
1	5	2.774	2.775	-0.001	2672000	0.1138	150.4- 200.4	184.7	
			Average of Peak Amounts =			0.1132			
2	6	2.136	2.136	0.000	4307986	0.1130		100.0	
2	7	2.537	2.536	0.001	8176989	0.1127	162.4- 222.4	189.8	
2	8	2.991	2.991	0.000	15634863	0.1060	348.9- 408.9	362.9	
2	9	3.130	3.130	0.000	7103119	0.1096	136.6- 196.6	164.9	
2	10	3.615	3.615	0.000	6694459	0.1102	108.6- 168.6	155.4	
			Average of Peak Amounts =			0.1103			
						RPD = 2.62			

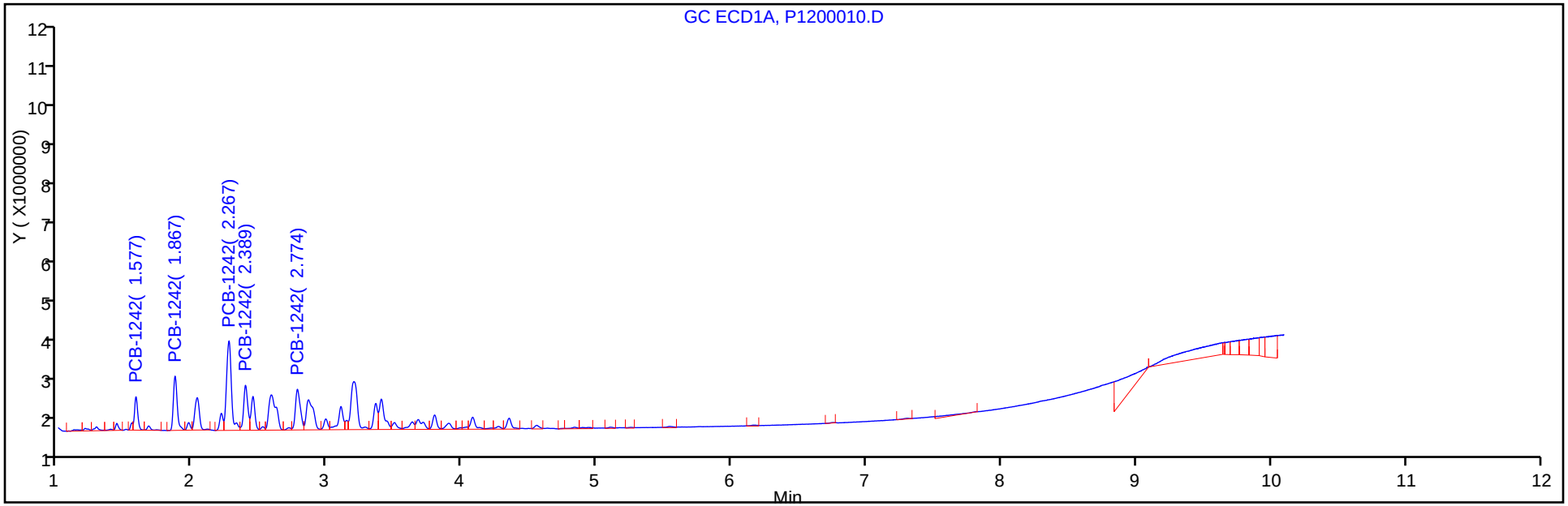
Report Date: 02-Apr-2013 07:01:54 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

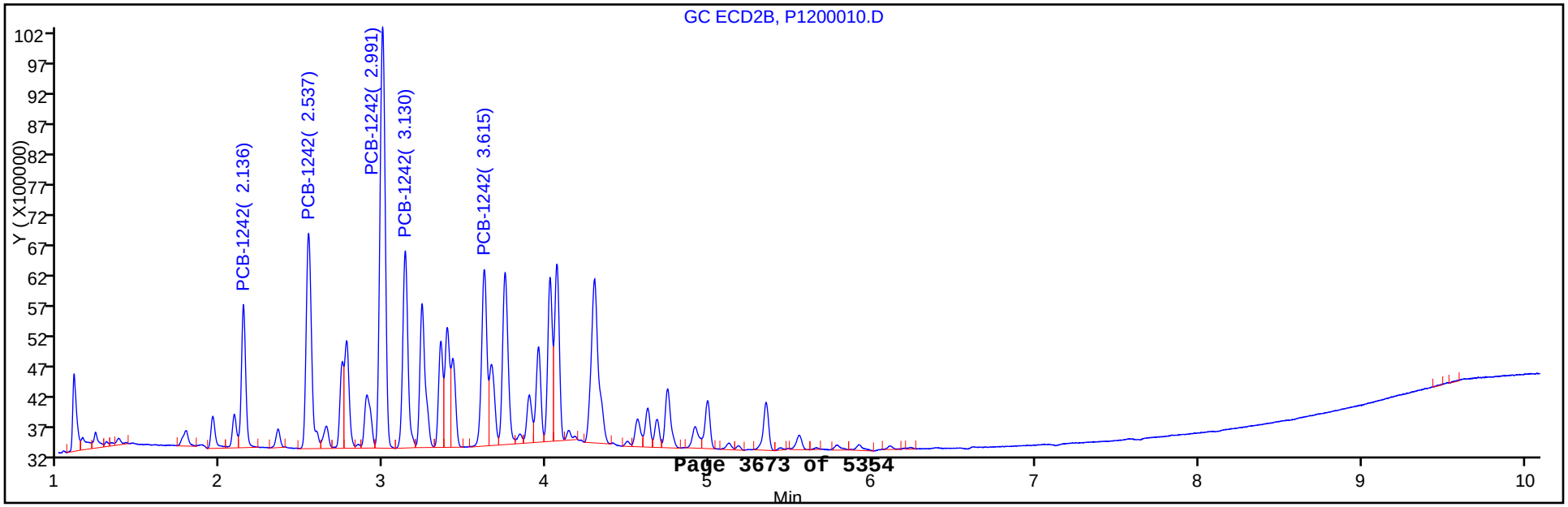
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200010.D

Injection Date:	01-Apr-2013 11:50:41	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200011.D
Lims ID: STD02 1242 Client ID:
Inject. Date: 01-Apr-2013 12:05:17 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0018420-011
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 11
Lims Batch ID: 80043 Lims Sample ID: 11
Sublist: chrom-PCB12*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:54 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

First Level Reviewer: hassl Date: 02-Apr-2013 06:39:07

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100	1.576	1.575	0.001	2848981	0.2220		100.0	
1	2	1.866	1.865	0.001	5374220	0.2168	163.6- 213.6	188.6	
1	3	2.266	2.265	0.001	10598044	0.2054	347.0- 397.0	372.0	
1	4	2.390	2.388	0.002	4745983	0.2154	141.6- 191.6	166.6	
1	5	2.774	2.775	-0.001	4997637	0.2129	150.4- 200.4	175.4	
			Average of Peak Amounts =			0.2145			
2	6	2.137	2.136	0.001	8036317	0.2108		100.0	
2	7	2.536	2.536	0.000	15460475	0.2131	162.4- 222.4	192.4	
2	8	2.992	2.991	0.001	30449231	0.2064	348.9- 408.9	378.9	
2	9	3.130	3.130	0.000	13387463	0.2066	136.6- 196.6	166.6	
2	10	3.617	3.615	0.002	11134618	0.2092	108.6- 168.6	138.6	
			Average of Peak Amounts =			0.2092			
						RPD = 2.51			

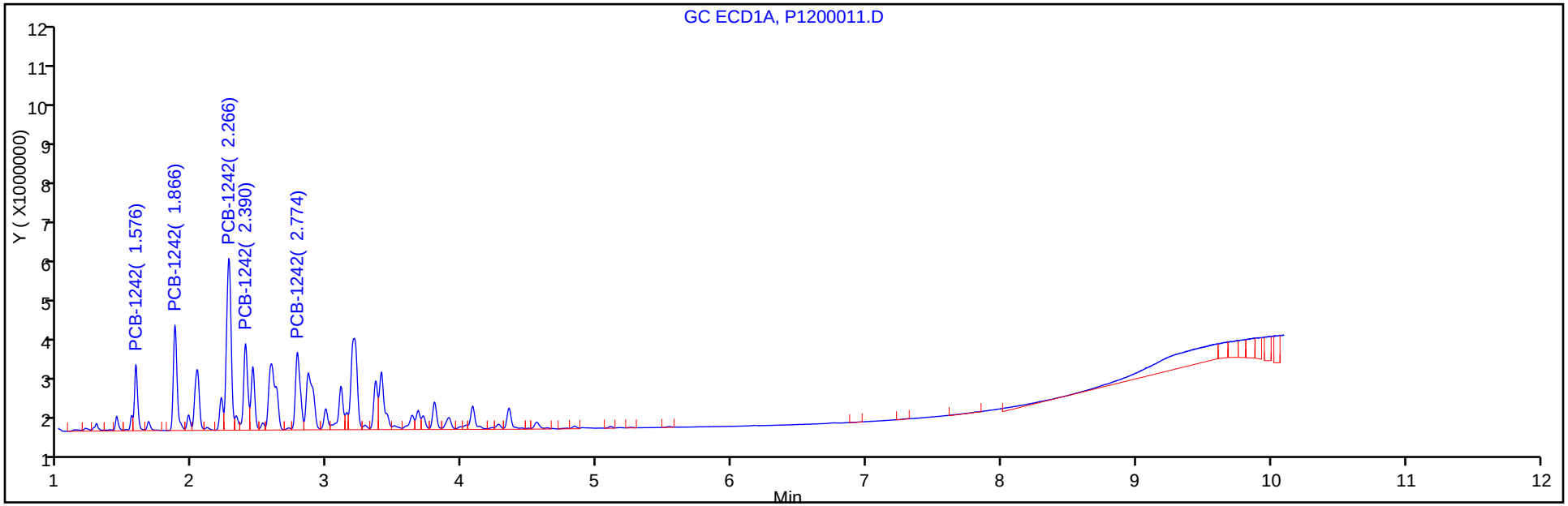
Report Date: 02-Apr-2013 07:01:55 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

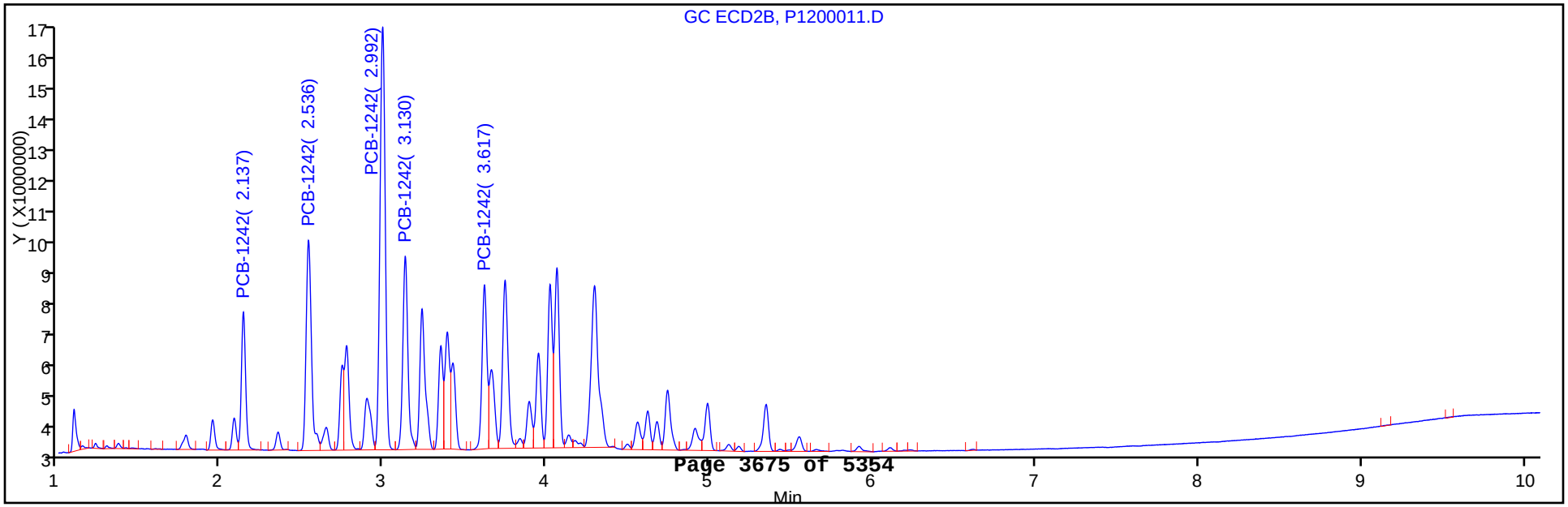
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200011.D

Injection Date:	01-Apr-2013 12:05:17	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200012.D		
Lims ID:	STD05 1242	Client ID:	
Inject. Date:	01-Apr-2013 12:19:51	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	240-0018420-012		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 ul	ALS Bottle#:	12
Lims Batch ID:	80043	Lims Sample ID:	12
Sublist:	chrom-PCB12*sub2		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m		
Last Update:	02-Apr-2013 07:01:56	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK018		

First Level Reviewer: hassl Date: 02-Apr-2013 06:42:13

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100	1.577	1.575	0.002	6036096	0.4704		100.0	M
1	2	1.869	1.865	0.004	11358339	0.4583	163.6- 213.6	188.2	
1	3	2.268	2.265	0.003	23084254	0.4475	347.0- 397.0	382.4	
1	4	2.391	2.388	0.003	10181060	0.4621	141.6- 191.6	168.7	
1	5	2.776	2.775	0.001	10752547	0.4580	150.4- 200.4	178.1	
			Average of Peak Amounts =			0.4593			
2	6	2.138	2.136	0.002	16894463	0.4432		100.0	
2	7	2.537	2.536	0.001	32912429	0.4536	162.4- 222.4	194.8	
2	8	2.992	2.991	0.001	68830972	0.4665	348.9- 408.9	407.4	
2	9	3.131	3.130	0.001	29713497	0.4584	136.6- 196.6	175.9	
2	10	3.618	3.615	0.003	24007561	0.4960	108.6- 168.6	142.1	
			Average of Peak Amounts =			0.4635			
						RPD = 0.93			

QC Flag Legend

Review Flags
M - Manually Integrated

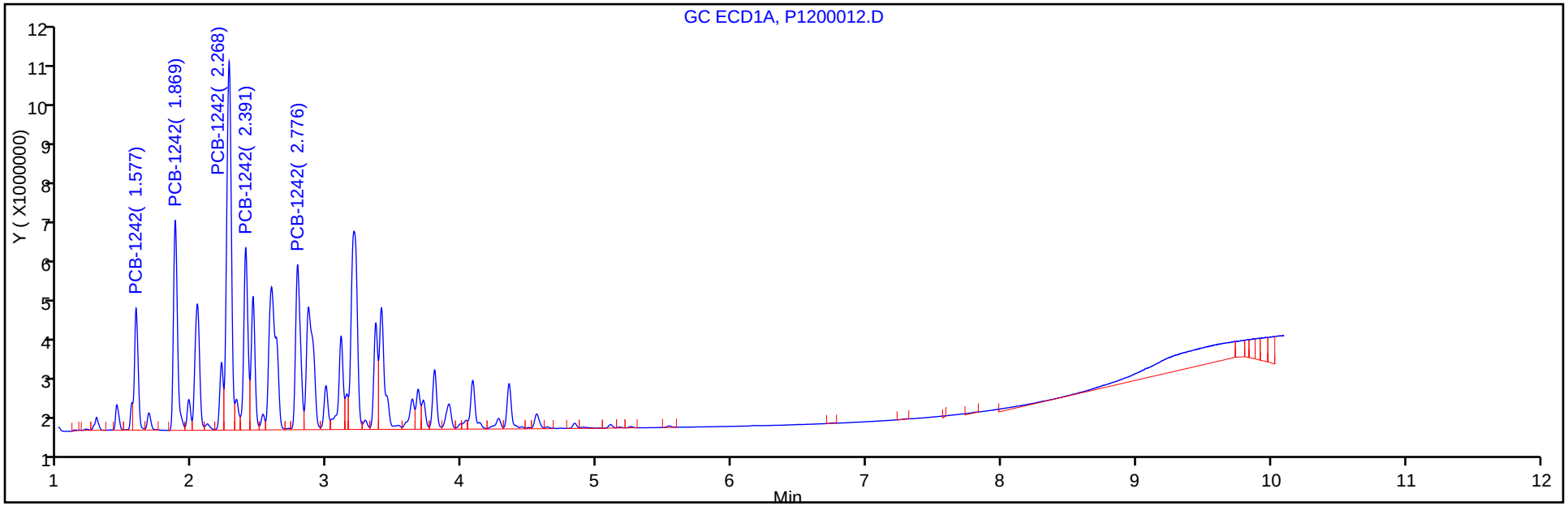
Report Date: 02-Apr-2013 07:01:56 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

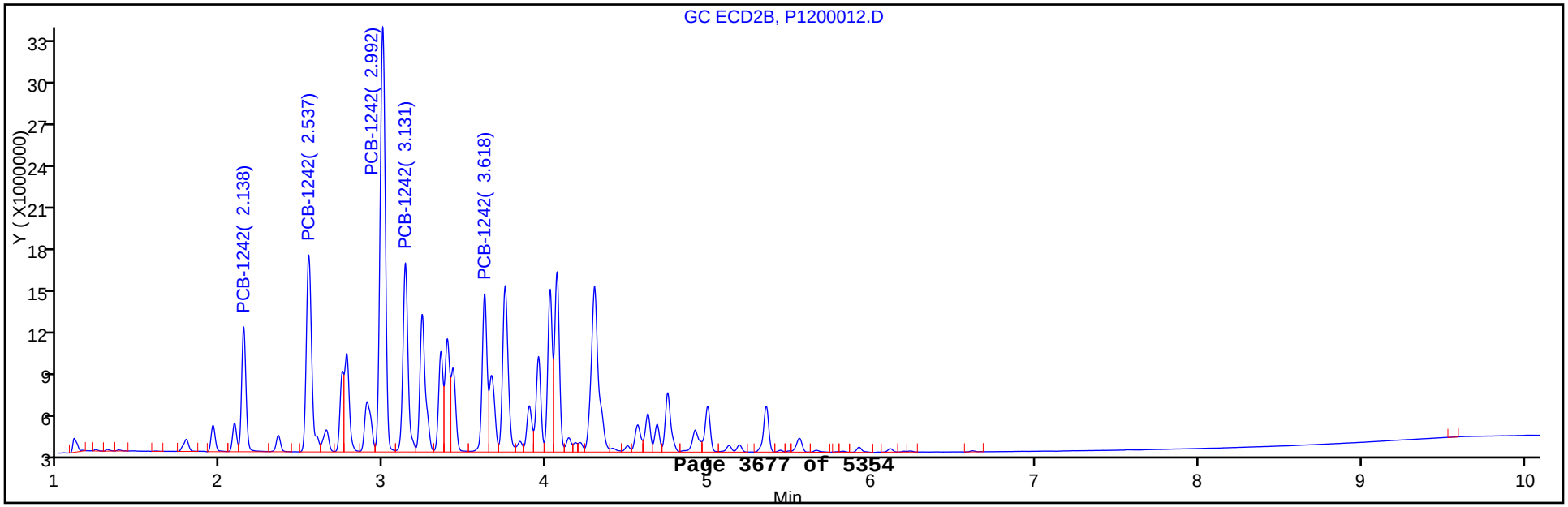
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200012.D

Injection Date:	01-Apr-2013 12:19:51	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



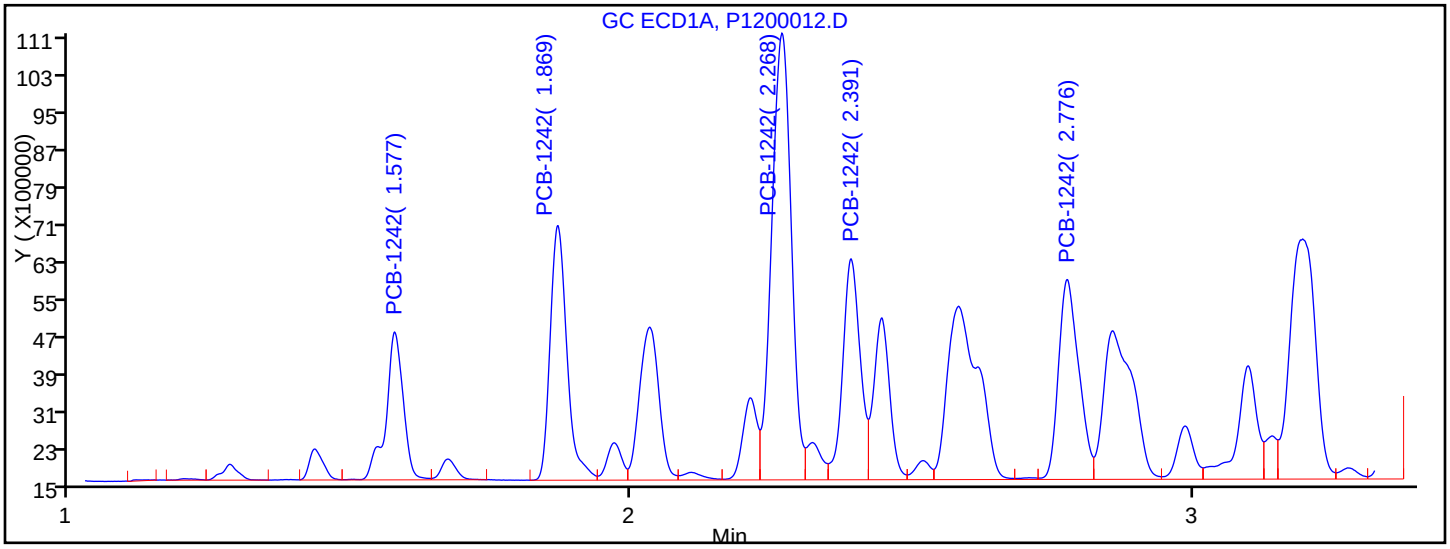
Report Date: 02-Apr-2013 07:01:57 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200012.D

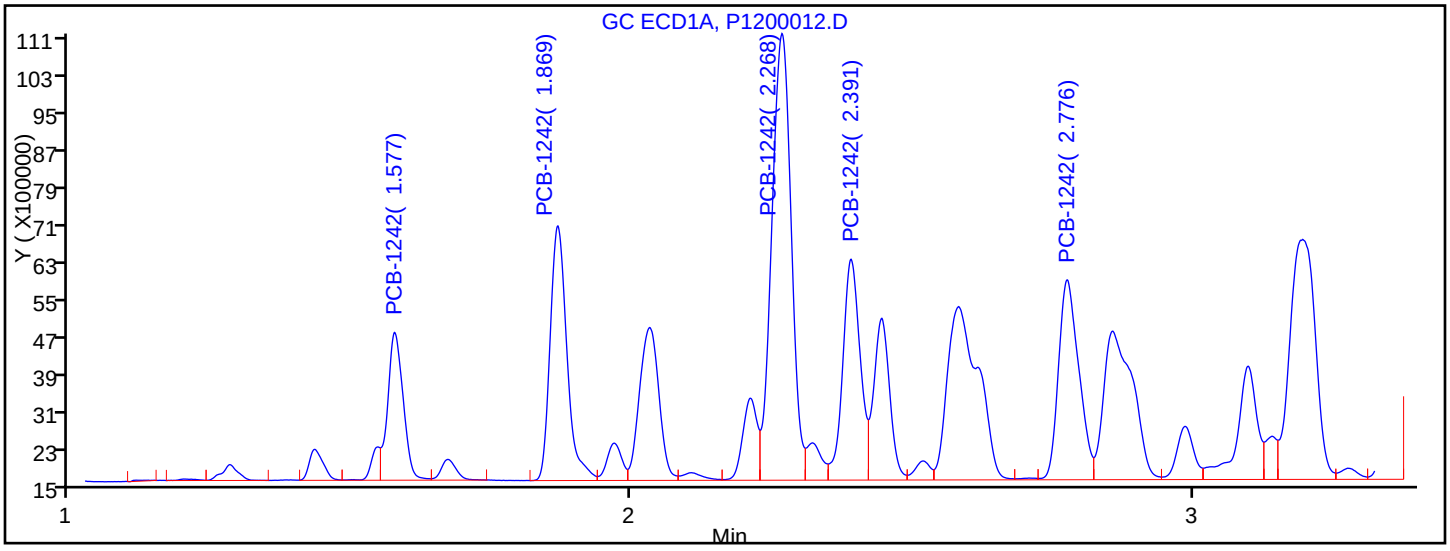
Injection Date:	01-Apr-2013 12:19:51	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

5 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.577	Response = 6804663	M
RT = 1.869	Response = 11358339	
RT = 2.268	Response = 23084254	
RT = 2.391	Response = 10181060	
RT = 2.776	Response = 10752547	



Manual Integration Results

RT = 1.577	Response = 6036096	M
RT = 1.869	Response = 11358339	
RT = 2.268	Response = 23084254	
RT = 2.391	Response = 10181060	
RT = 2.776	Response = 10752547	

Reviewer: hassl, 02-Apr-2013 06:44:57

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200013.D
Lims ID: STD1 1242 Client ID:
Inject. Date: 01-Apr-2013 12:33:59 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0018420-013
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 13
Lims Batch ID: 80043 Lims Sample ID: 13
Sublist: chrom-PCB12*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:57 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100	1.575	1.575	0.000	11367362	0.8859		100.0	
1	2	1.865	1.865	0.000	22025518	0.8887	163.6- 213.6	193.8	
1	3	2.266	2.265	0.001	48859756	0.9471	347.0- 397.0	429.8	
1	4	2.388	2.388	0.000	19950619	0.9055	141.6- 191.6	175.5	
1	5	2.774	2.775	-0.001	21039397	0.8961	150.4- 200.4	185.1	
			Average of Peak Amounts =			0.9047			
2	6	2.136	2.136	0.000	33160800	0.8699		100.0	
2	7	2.537	2.536	0.001	65463911	0.9022	162.4- 222.4	197.4	
2	8	2.992	2.991	0.001	143305385	0.9713	348.9- 408.9	432.2	
2	9	3.131	3.130	0.001	60290356	0.9302	136.6- 196.6	181.8	
2	10	3.617	3.615	0.002	47957714	1.03	108.6- 168.6	144.6	
			Average of Peak Amounts =			0.9406			
						RPD = 3.90			

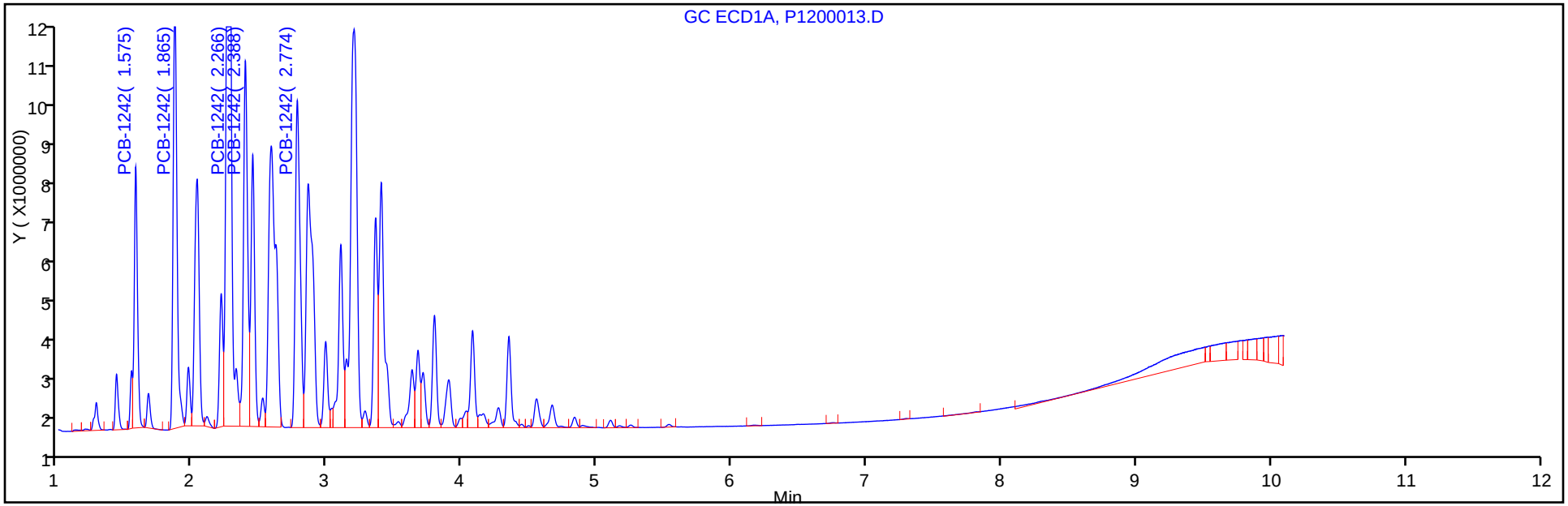
Report Date: 02-Apr-2013 07:01:58 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

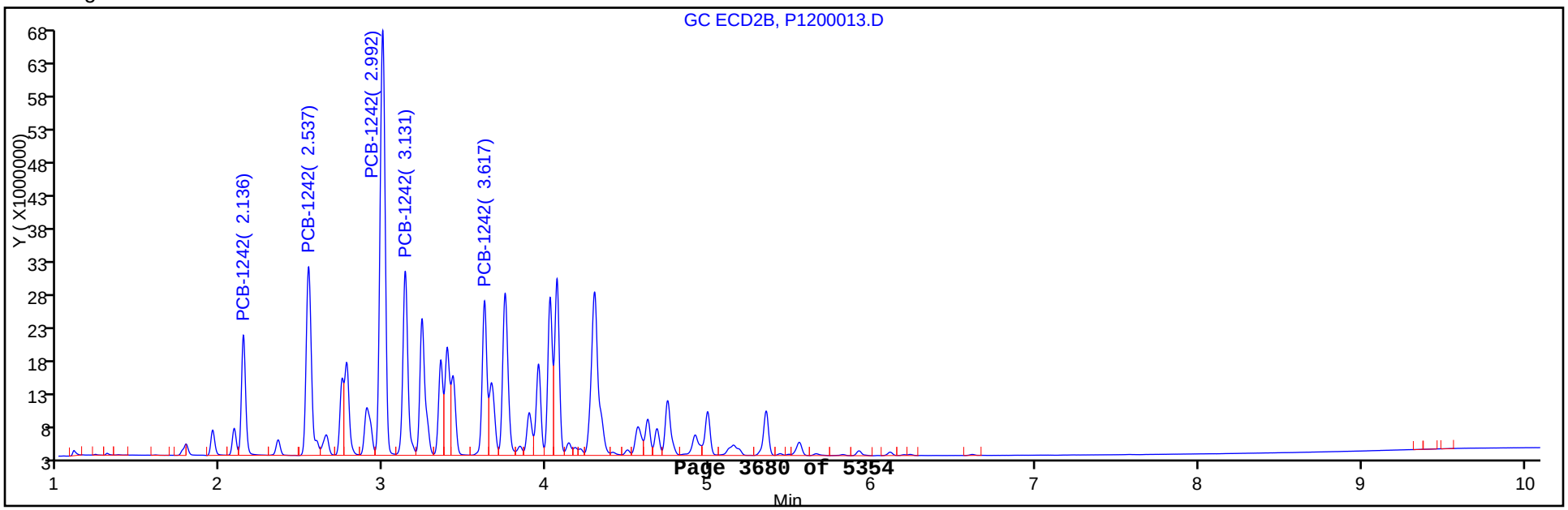
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200013.D

Injection Date:	01-Apr-2013 12:33:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200014.D		
Lims ID:	STD2 1242	Client ID:	
Inject. Date:	01-Apr-2013 12:48:08	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0018420-014		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 ul	ALS Bottle#:	14
Lims Batch ID:	80043	Lims Sample ID:	14
Sublist:	chrom-PCB12*sub2		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m		
Last Update:	02-Apr-2013 07:01:58	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK018		

First Level Reviewer: hassl Date: 02-Apr-2013 06:44:07

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100	1.575	1.575	0.000	19659955	1.53		100.0	
1	2	1.865	1.865	0.000	40047761	1.62	163.6- 213.6	203.7	
1	3	2.265	2.265	0.000	86122350	1.67	347.0- 397.0	438.1	
1	4	2.387	2.388	-0.001	36887638	1.67	141.6- 191.6	187.6	
1	5	2.772	2.775	-0.003	38799393	1.65	150.4- 200.4	197.4	
			Average of Peak Amounts =			1.63			
2	6	2.136	2.136	0.000	61374294	1.61		100.0	
2	7	2.536	2.536	0.000	120148888	1.66	162.4- 222.4	195.8	
2	8	2.991	2.991	0.000	272378981	1.85	348.9- 408.9	443.8	
2	9	3.131	3.130	0.001	110987094	1.71	136.6- 196.6	180.8	
2	10	3.617	3.615	0.002	89815049	1.96	108.6- 168.6	146.3	
			Average of Peak Amounts =			1.76			
						RPD = 7.59			

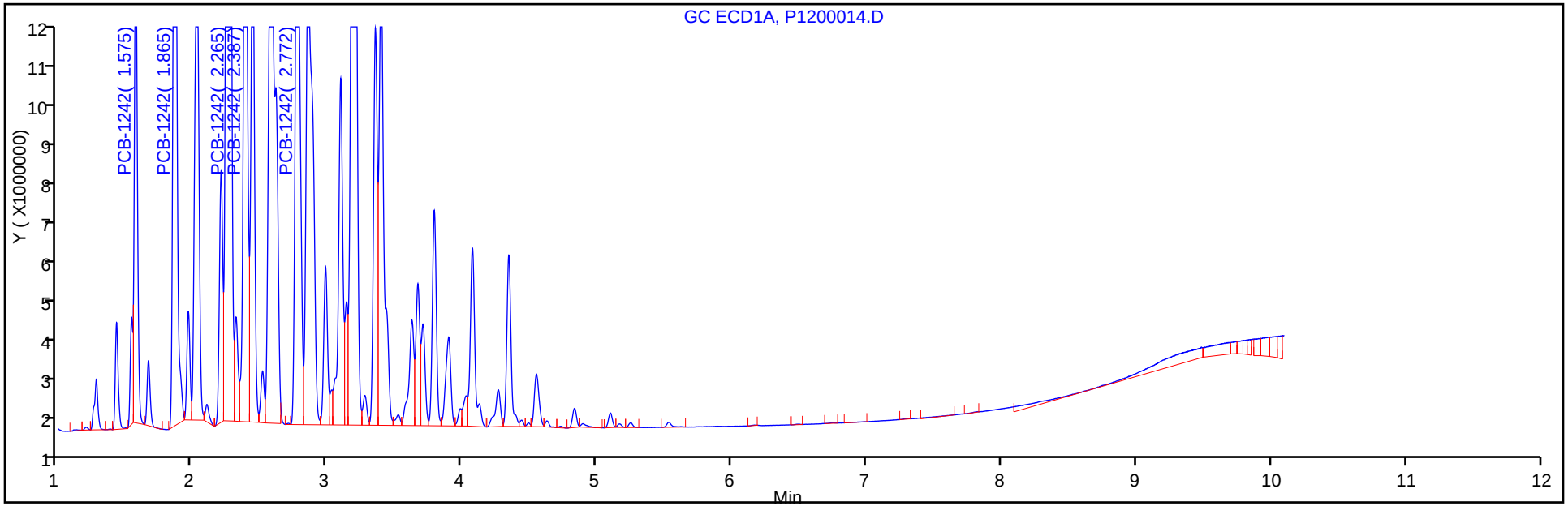
Report Date: 02-Apr-2013 07:01:59 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

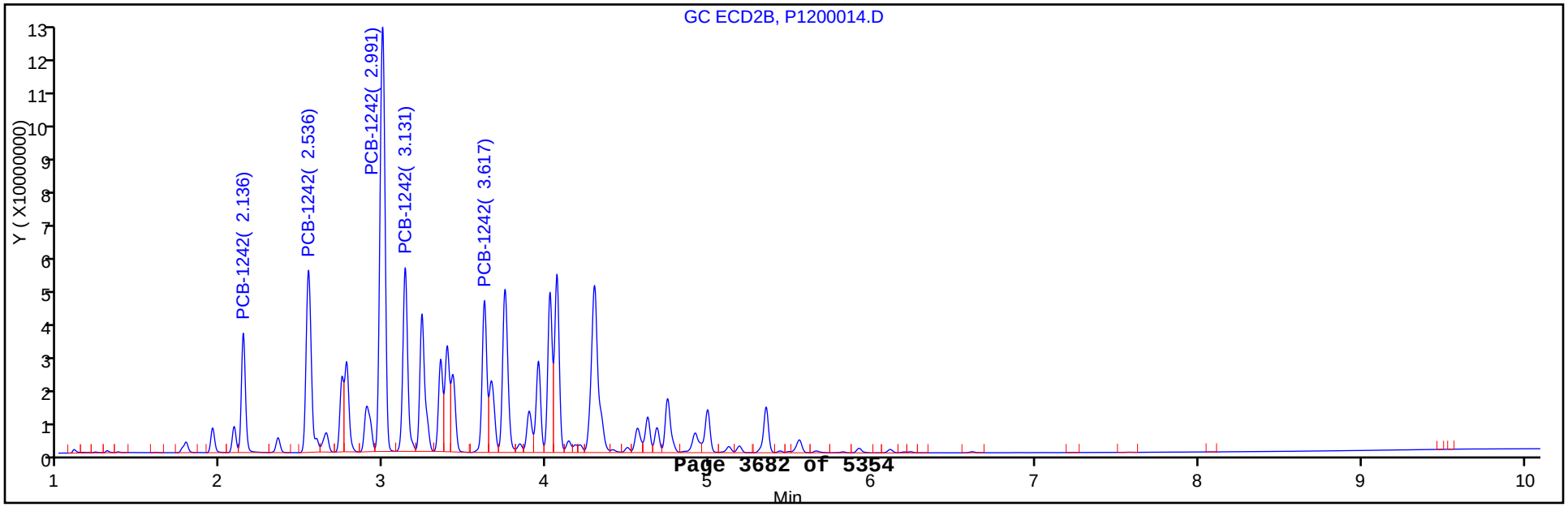
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200014.D

Injection Date:	01-Apr-2013 12:48:08	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1 Analy Batch No.: 80043

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/01/2013 11:35 Calibration End Date: 04/01/2013 12:48 Calibration ID: 14315

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-80043/9	P1200009.D
Level 2	STD01 240-80043/10	P1200010.D
Level 3	STD02 240-80043/11	P1200011.D
Level 4	STD05 240-80043/12	P1200012.D
Level 5	STD1 240-80043/13	P1200013.D
Level 6	STD2 240-80043/14	P1200014.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1242 Peak 1	2.136	2.136	2.137	2.138	2.136	2.136					2.086 - 2.186	2.137
PCB-1242 Peak 2	2.536	2.537	2.536	2.537	2.537	2.536					2.486 - 2.586	2.537
PCB-1242 Peak 3	2.991	2.991	2.992	2.992	2.992	2.991					2.941 - 3.041	2.992
PCB-1242 Peak 4	3.130	3.130	3.130	3.131	3.131	3.131					3.080 - 3.180	3.131
PCB-1242 Peak 5	3.615	3.615	3.617	3.618	3.617	3.617					3.565 - 3.665	3.617

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton | Job No.: 240-22648-1 | Analy Batch No.: 80043

SDG No.:

Instrument ID: A2HP12 | GC Column: CLP-2 | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 04/01/2013 11:35 | Calibration End Date: 04/01/2013 12:48 | Calibration ID: 14315

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-80043/9	P1200009.D
Level 2	STD01 240-80043/10	P1200010.D
Level 3	STD02 240-80043/11	P1200011.D
Level 4	STD05 240-80043/12	P1200012.D
Level 5	STD1 240-80043/13	P1200013.D
Level 6	STD2 240-80043/14	P1200014.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	47835800 33160800	43079860 30687147	40181585	33788926	Ave		38122353.0				17.0		20.0			
PCB-1242 Peak 2	84938880 65463911	81769890 60074444	77302375	65824858	Ave		72562393.0				14.0		20.0			
PCB-1242 Peak 3	159530060 143305385	156348630 136189491	152246155	137661944	Ave		147546944				6.7		20.0			
PCB-1242 Peak 4	75699500 60290356	71031190 55493547	66937315	59426994	Ave		64813150.3				12.0		20.0			
PCB-1242 Peak 5	73076680 47957714	66944590 44907525	55673090	48015122	Lin1	1748569.96	44875796.2							0.9990		0.9900

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.: 240-22648-1 Analy Batch No.: 80043

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/01/2013 11:35 Calibration End Date: 04/01/2013 12:48 Calibration ID: 14315

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-80043/9	P1200009.D
Level 2	STD01 240-80043/10	P1200010.D
Level 3	STD02 240-80043/11	P1200011.D
Level 4	STD05 240-80043/12	P1200012.D
Level 5	STD1 240-80043/13	P1200013.D
Level 6	STD2 240-80043/14	P1200014.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	2391790 61374294	4307986	8036317	16894463	33160800	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 2	Ave	4246944 120148888	8176989	15460475	32912429	65463911	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 3	Ave	7976503 272378981	15634863	30449231	68830972	143305385	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 4	Ave	3784975 110987094	7103119	13387463	29713497	60290356	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 5	Lin1	3653834 89815049	6694459	11134618	24007561	47957714	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:

Ave = Average
Lin1 = Linear 1/conc

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200009.D
Lims ID: STD005 1242 Client ID:
Inject. Date: 01-Apr-2013 11:35:59 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0018420-009
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 9
Lims Batch ID: 80043 Lims Sample ID: 9
Sublist: chrom-PCB12*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:52 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100	1.575	1.575	0.000	750216	0.0585		100.0	
1	2	1.865	1.865	0.000	1456932	0.0588	163.6- 213.6	194.2	
1	3	2.265	2.265	0.000	2976107	0.0577	347.0- 397.0	396.7	
1	4	2.388	2.388	0.000	1244735	0.0565	141.6- 191.6	165.9	
1	5	2.775	2.775	0.000	1360761	0.0580	150.4- 200.4	181.4	
			Average of Peak Amounts =			0.0579			
2	6	2.136	2.136	0.000	2391790	0.0627		100.0	
2	7	2.536	2.536	0.000	4246944	0.0585	162.4- 222.4	177.6	
2	8	2.991	2.991	0.000	7976503	0.0541	348.9- 408.9	333.5	
2	9	3.130	3.130	0.000	3784975	0.0584	136.6- 196.6	158.2	
2	10	3.615	3.615	0.000	3653834	0.0425	108.6- 168.6	152.8	
			Average of Peak Amounts =			0.0552			
						RPD = 4.67			

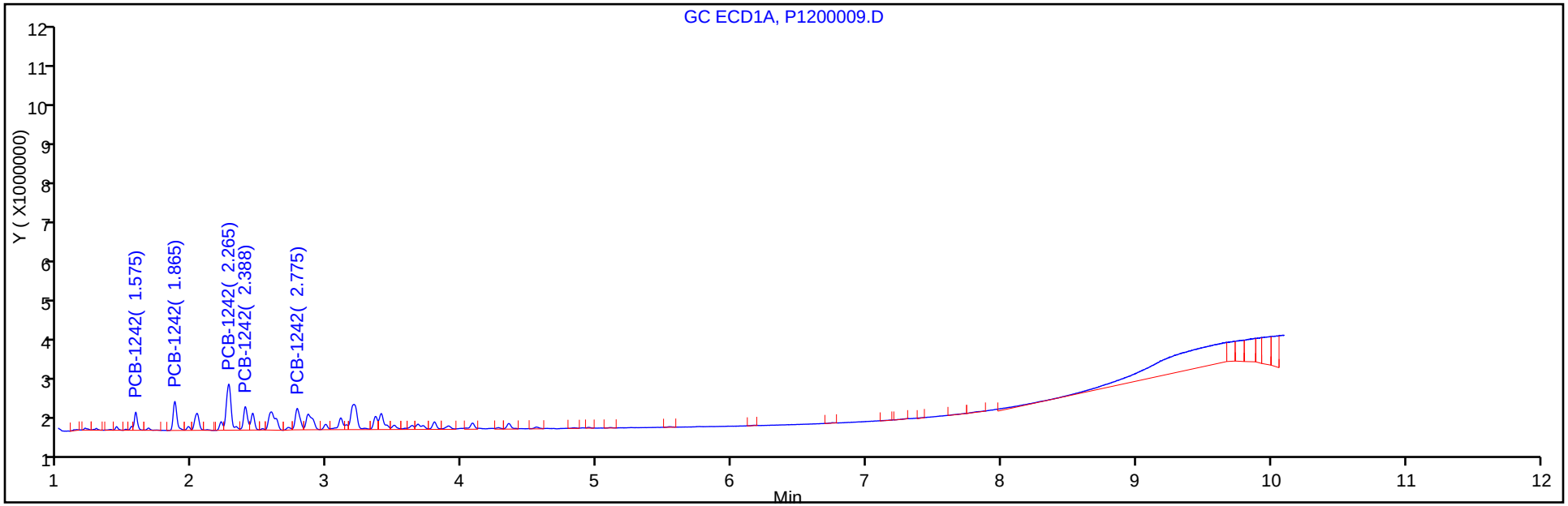
Report Date: 02-Apr-2013 07:01:53 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

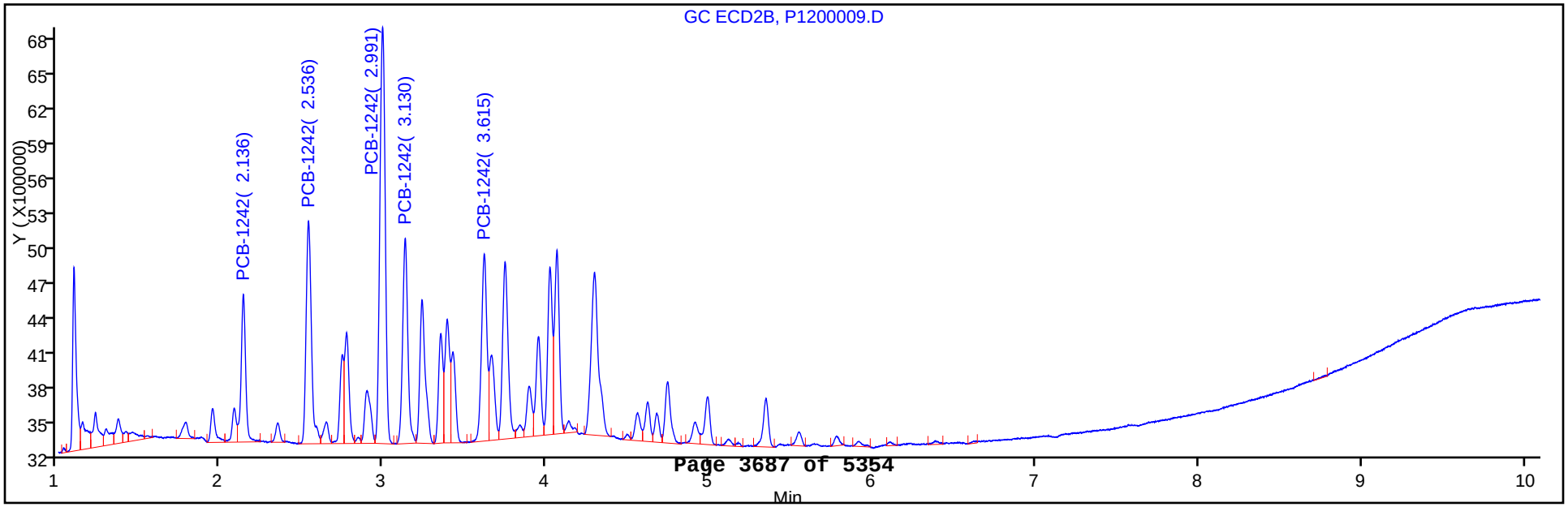
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Injection Date:	01-Apr-2013 11:35:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200010.D
Lims ID: STD01 1242 Client ID:
Inject. Date: 01-Apr-2013 11:50:41 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0018420-010
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 10
Lims Batch ID: 80043 Lims Sample ID: 10
Sublist: chrom-PCB12*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:53 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

First Level Reviewer: hassl Date: 02-Apr-2013 06:40:20

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100	1.577	1.575	0.002	1446950	0.1128		100.0	
1	2	1.867	1.865	0.002	2792667	0.1127	163.6- 213.6	193.0	
1	3	2.267	2.265	0.002	5891945	0.1142	347.0- 397.0	407.2	
1	4	2.389	2.388	0.001	2481849	0.1126	141.6- 191.6	171.5	
1	5	2.774	2.775	-0.001	2672000	0.1138	150.4- 200.4	184.7	
			Average of Peak Amounts =			0.1132			
2	6	2.136	2.136	0.000	4307986	0.1130		100.0	
2	7	2.537	2.536	0.001	8176989	0.1127	162.4- 222.4	189.8	
2	8	2.991	2.991	0.000	15634863	0.1060	348.9- 408.9	362.9	
2	9	3.130	3.130	0.000	7103119	0.1096	136.6- 196.6	164.9	
2	10	3.615	3.615	0.000	6694459	0.1102	108.6- 168.6	155.4	
			Average of Peak Amounts =			0.1103			
						RPD = 2.62			

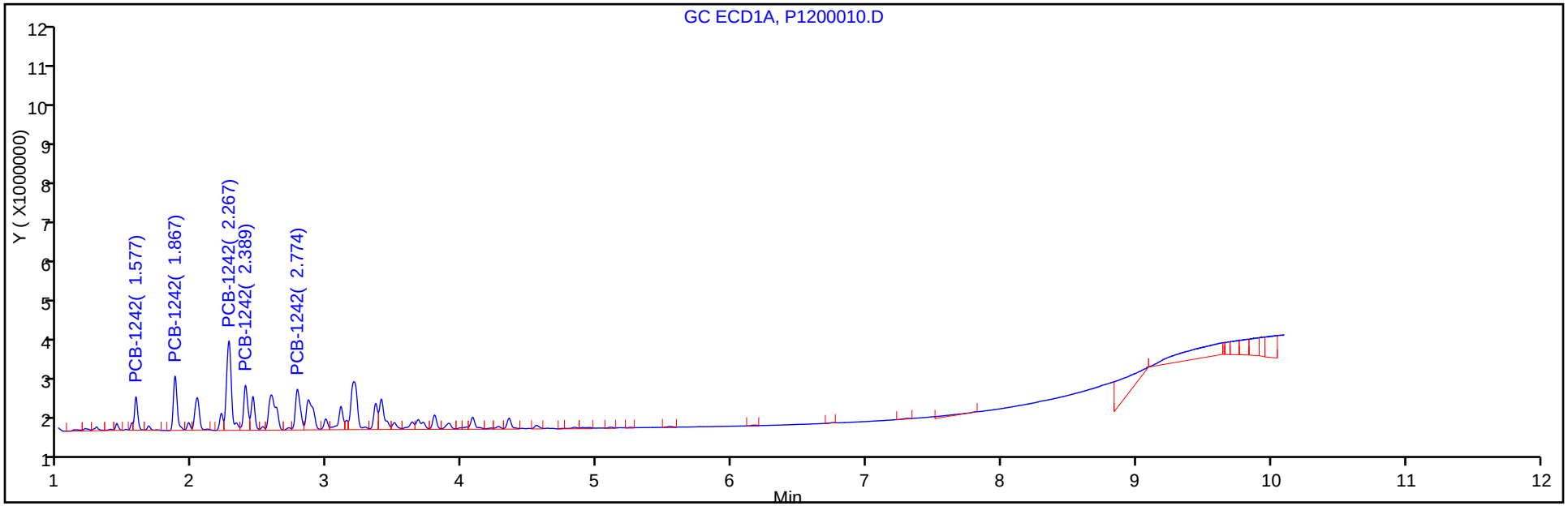
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TestAmerica Canton

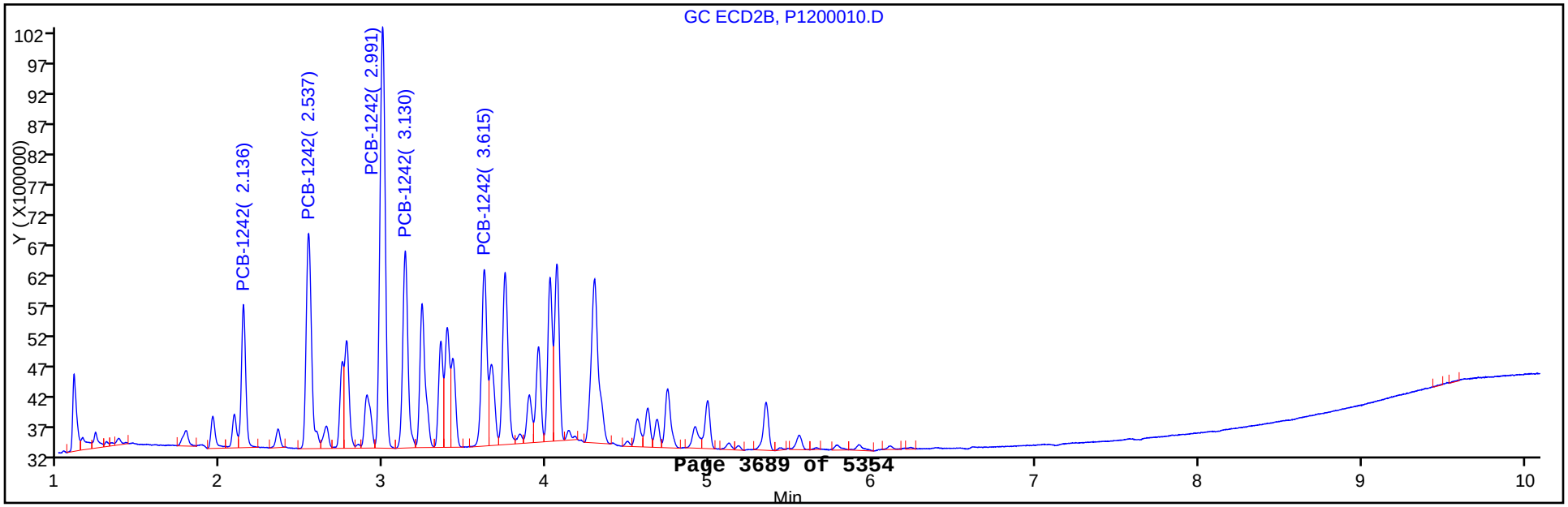
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200010.D

Injection Date:	01-Apr-2013 11:50:41	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200011.D
Lims ID: STD02 1242 Client ID:
Inject. Date: 01-Apr-2013 12:05:17 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0018420-011
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 11
Lims Batch ID: 80043 Lims Sample ID: 11
Sublist: chrom-PCB12*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:54 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

First Level Reviewer: hassl Date: 02-Apr-2013 06:39:07

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100	1.576	1.575	0.001	2848981	0.2220		100.0	
1	2	1.866	1.865	0.001	5374220	0.2168	163.6- 213.6	188.6	
1	3	2.266	2.265	0.001	10598044	0.2054	347.0- 397.0	372.0	
1	4	2.390	2.388	0.002	4745983	0.2154	141.6- 191.6	166.6	
1	5	2.774	2.775	-0.001	4997637	0.2129	150.4- 200.4	175.4	
			Average of Peak Amounts =			0.2145			
2	6	2.137	2.136	0.001	8036317	0.2108		100.0	
2	7	2.536	2.536	0.000	15460475	0.2131	162.4- 222.4	192.4	
2	8	2.992	2.991	0.001	30449231	0.2064	348.9- 408.9	378.9	
2	9	3.130	3.130	0.000	13387463	0.2066	136.6- 196.6	166.6	
2	10	3.617	3.615	0.002	11134618	0.2092	108.6- 168.6	138.6	
			Average of Peak Amounts =			0.2092			
						RPD = 2.51			

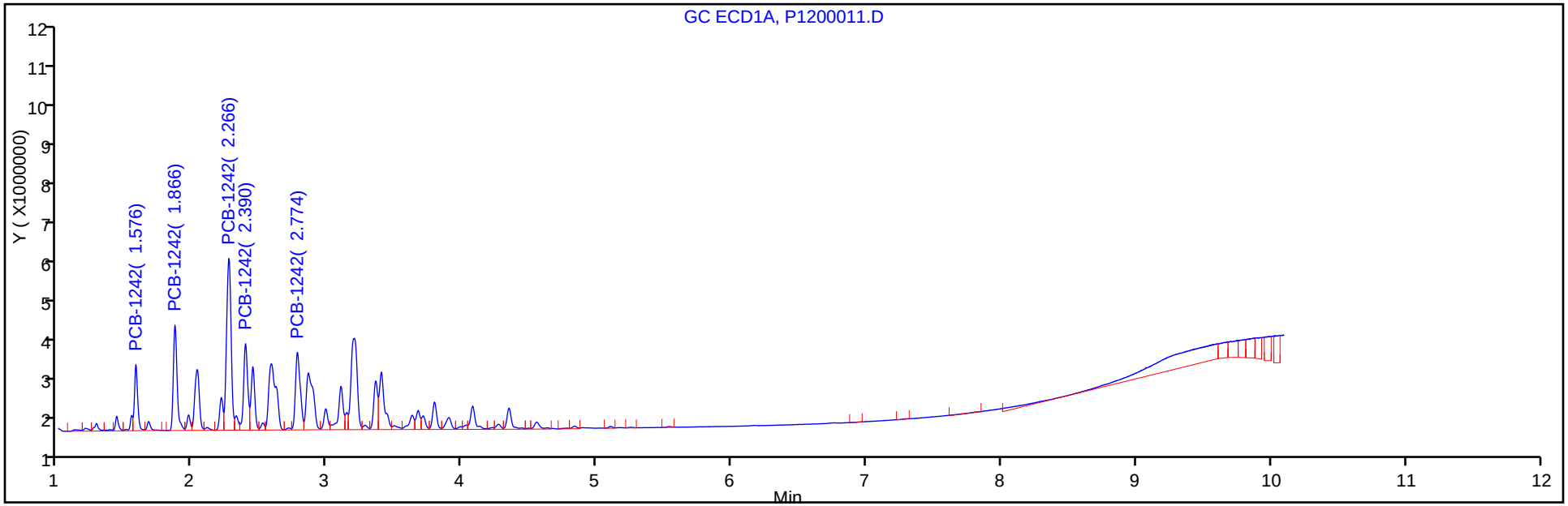
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TestAmerica Canton

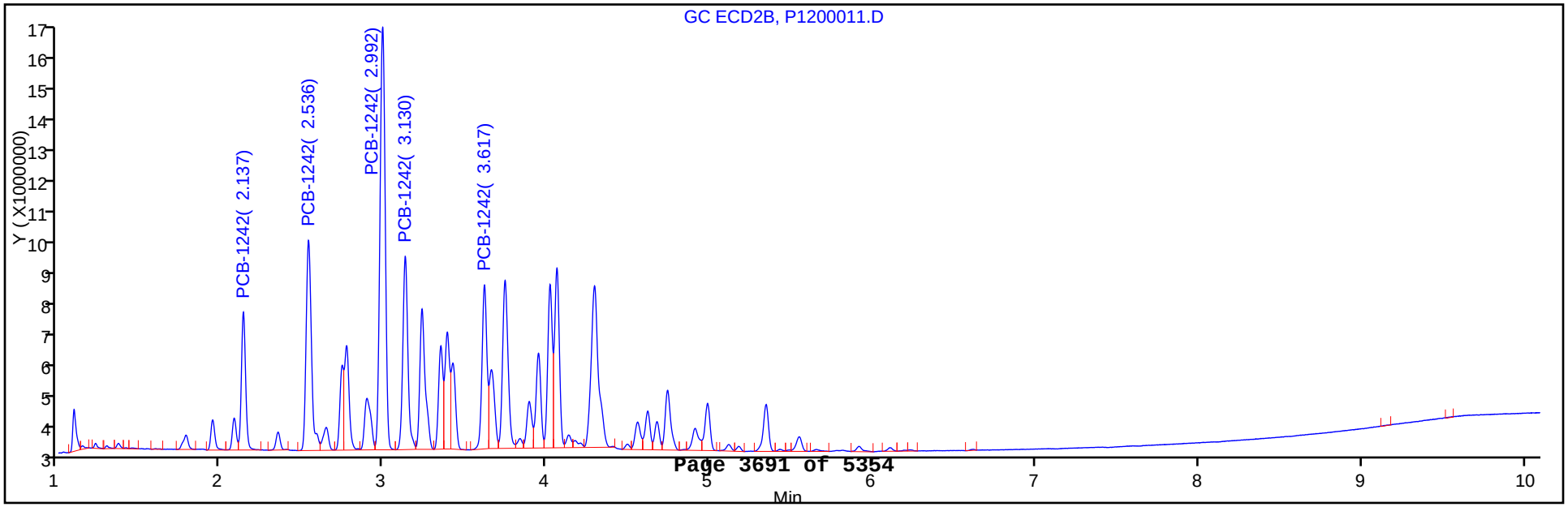
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Injection Date:	01-Apr-2013 12:05:17	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200012.D
Lims ID: STD05 1242 Client ID:
Inject. Date: 01-Apr-2013 12:19:51 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0018420-012
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 12
Lims Batch ID: 80043 Lims Sample ID: 12
Sublist: chrom-PCB12*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:56 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

First Level Reviewer: hassl Date: 02-Apr-2013 06:42:13

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100	1.577	1.575	0.002	6036096	0.4704		100.0	M
1	2	1.869	1.865	0.004	11358339	0.4583	163.6- 213.6	188.2	
1	3	2.268	2.265	0.003	23084254	0.4475	347.0- 397.0	382.4	
1	4	2.391	2.388	0.003	10181060	0.4621	141.6- 191.6	168.7	
1	5	2.776	2.775	0.001	10752547	0.4580	150.4- 200.4	178.1	
			Average of Peak Amounts =			0.4593			
2	6	2.138	2.136	0.002	16894463	0.4432		100.0	
2	7	2.537	2.536	0.001	32912429	0.4536	162.4- 222.4	194.8	
2	8	2.992	2.991	0.001	68830972	0.4665	348.9- 408.9	407.4	
2	9	3.131	3.130	0.001	29713497	0.4584	136.6- 196.6	175.9	
2	10	3.618	3.615	0.003	24007561	0.4960	108.6- 168.6	142.1	
			Average of Peak Amounts =			0.4635			
						RPD = 0.93			

QC Flag Legend

Review Flags
M - Manually Integrated

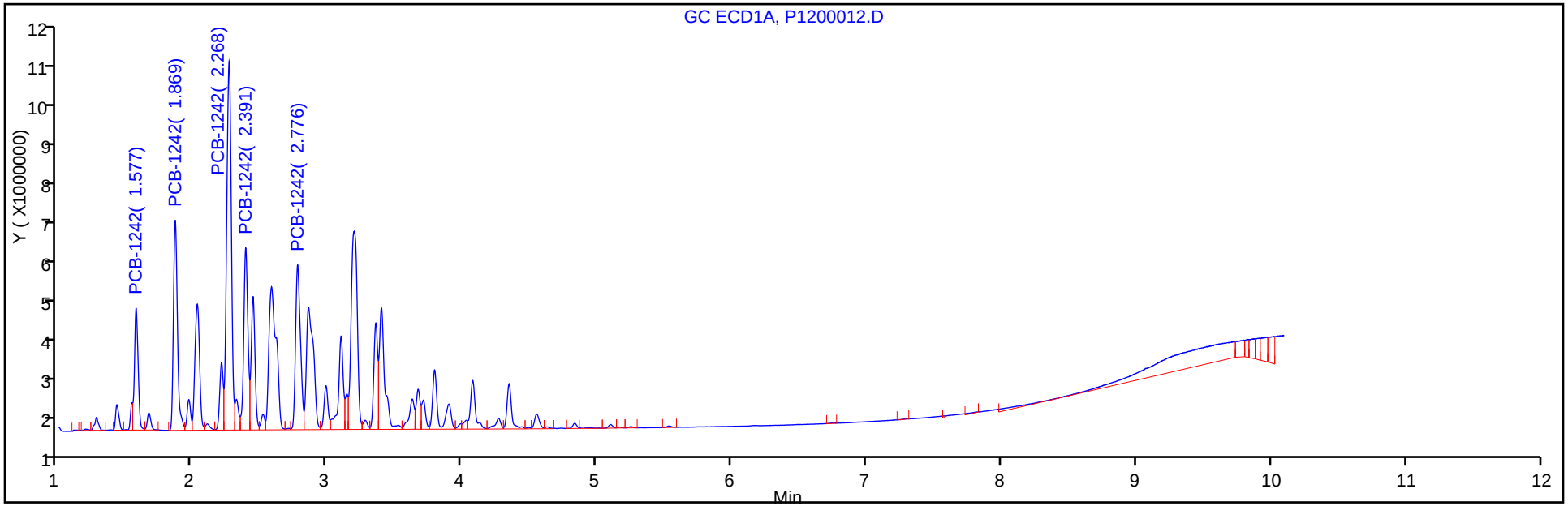
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TestAmerica Canton

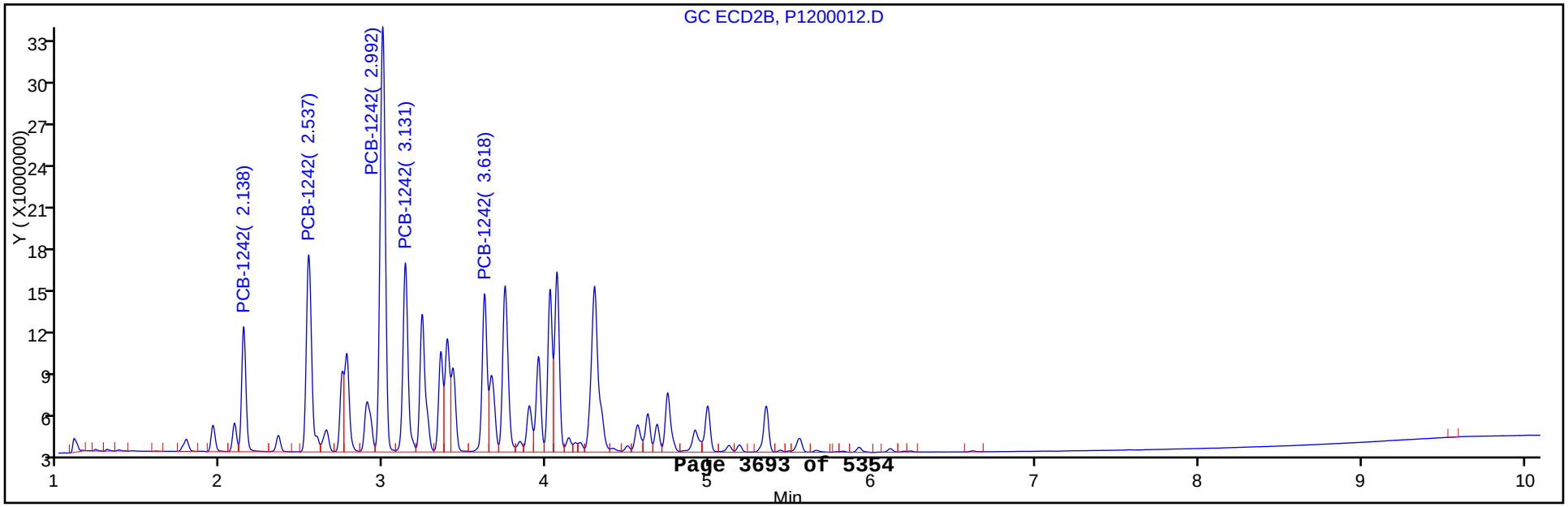
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200012.D

Injection Date:	01-Apr-2013 12:19:51	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200013.D
Lims ID: STD1 1242 Client ID:
Inject. Date: 01-Apr-2013 12:33:59 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0018420-013
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 13
Lims Batch ID: 80043 Lims Sample ID: 13
Sublist: chrom-PCB12*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:57 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100	1.575	1.575	0.000	11367362	0.8859		100.0	
1	2	1.865	1.865	0.000	22025518	0.8887	163.6- 213.6	193.8	
1	3	2.266	2.265	0.001	48859756	0.9471	347.0- 397.0	429.8	
1	4	2.388	2.388	0.000	19950619	0.9055	141.6- 191.6	175.5	
1	5	2.774	2.775	-0.001	21039397	0.8961	150.4- 200.4	185.1	
			Average of Peak Amounts =			0.9047			
2	6	2.136	2.136	0.000	33160800	0.8699		100.0	
2	7	2.537	2.536	0.001	65463911	0.9022	162.4- 222.4	197.4	
2	8	2.992	2.991	0.001	143305385	0.9713	348.9- 408.9	432.2	
2	9	3.131	3.130	0.001	60290356	0.9302	136.6- 196.6	181.8	
2	10	3.617	3.615	0.002	47957714	1.03	108.6- 168.6	144.6	
			Average of Peak Amounts =			0.9406			
						RPD = 3.90			

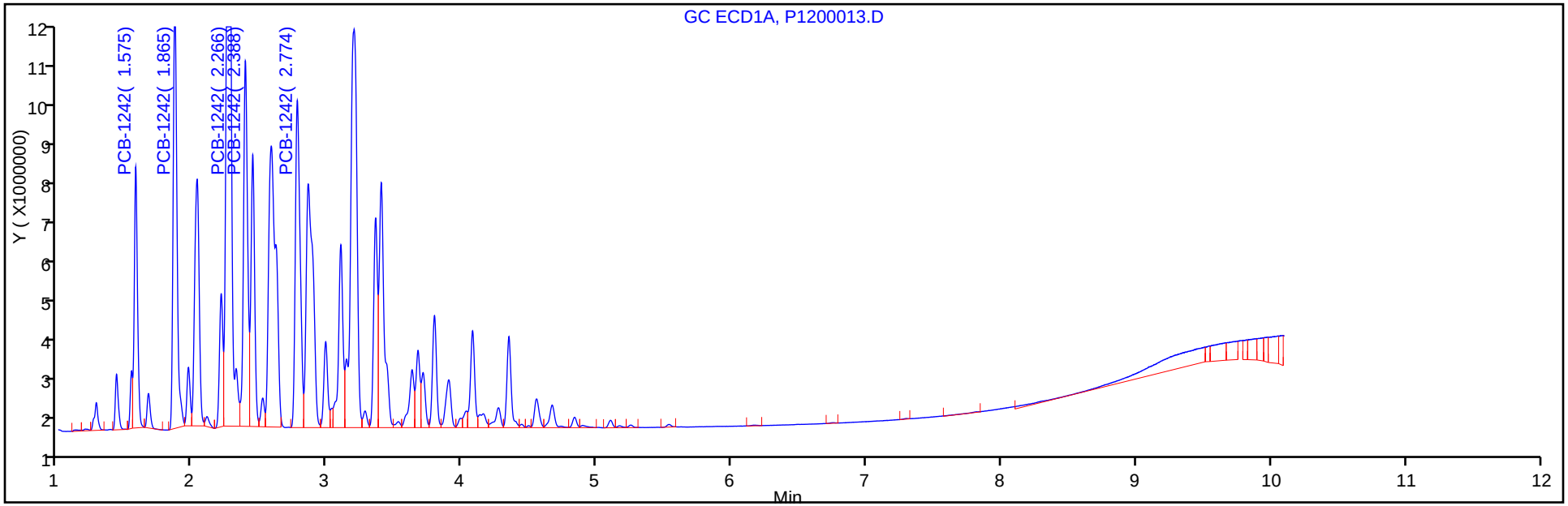
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TestAmerica Canton

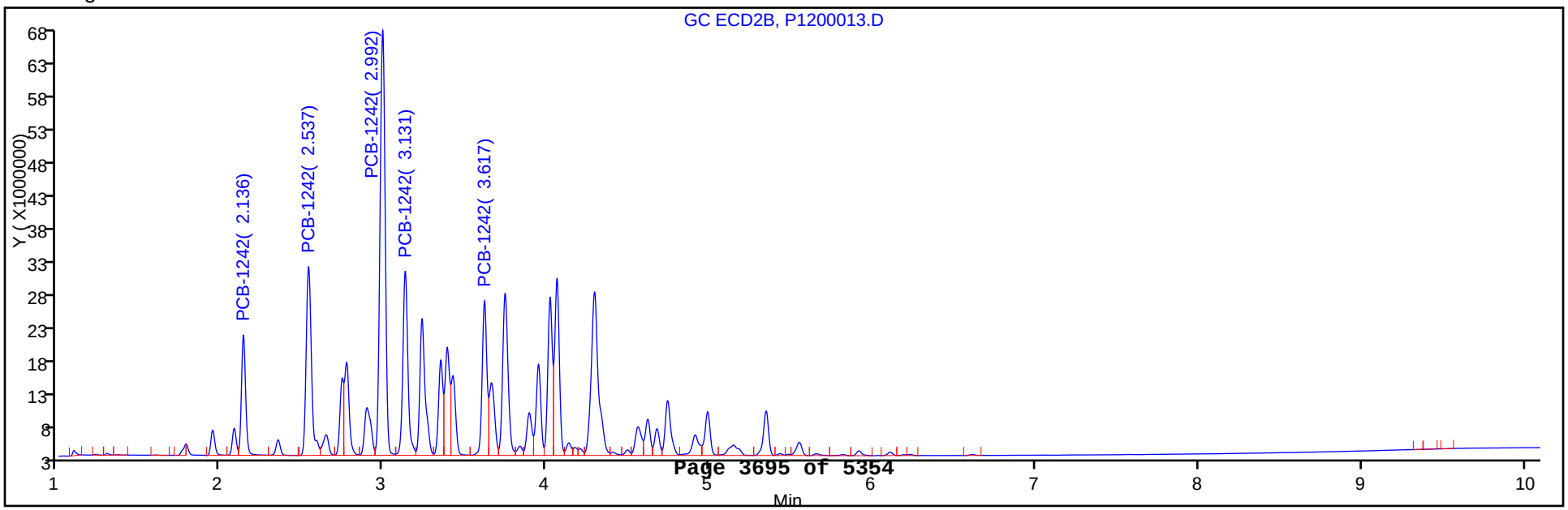
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200013.D

Injection Date:	01-Apr-2013 12:33:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200014.D		
Lims ID:	STD2 1242	Client ID:	
Inject. Date:	01-Apr-2013 12:48:08	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0018420-014		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 ul	ALS Bottle#:	14
Lims Batch ID:	80043	Lims Sample ID:	14
Sublist:	chrom-PCB12*sub2		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m		
Last Update:	02-Apr-2013 07:01:58	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK018		

First Level Reviewer: hassl Date: 02-Apr-2013 06:44:07

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100	1.575	1.575	0.000	19659955	1.53		100.0	
1	2	1.865	1.865	0.000	40047761	1.62	163.6- 213.6	203.7	
1	3	2.265	2.265	0.000	86122350	1.67	347.0- 397.0	438.1	
1	4	2.387	2.388	-0.001	36887638	1.67	141.6- 191.6	187.6	
1	5	2.772	2.775	-0.003	38799393	1.65	150.4- 200.4	197.4	
			Average of Peak Amounts =			1.63			
2	6	2.136	2.136	0.000	61374294	1.61		100.0	
2	7	2.536	2.536	0.000	120148888	1.66	162.4- 222.4	195.8	
2	8	2.991	2.991	0.000	272378981	1.85	348.9- 408.9	443.8	
2	9	3.131	3.130	0.001	110987094	1.71	136.6- 196.6	180.8	
2	10	3.617	3.615	0.002	89815049	1.96	108.6- 168.6	146.3	
			Average of Peak Amounts =			1.76			
						RPD = 7.59			

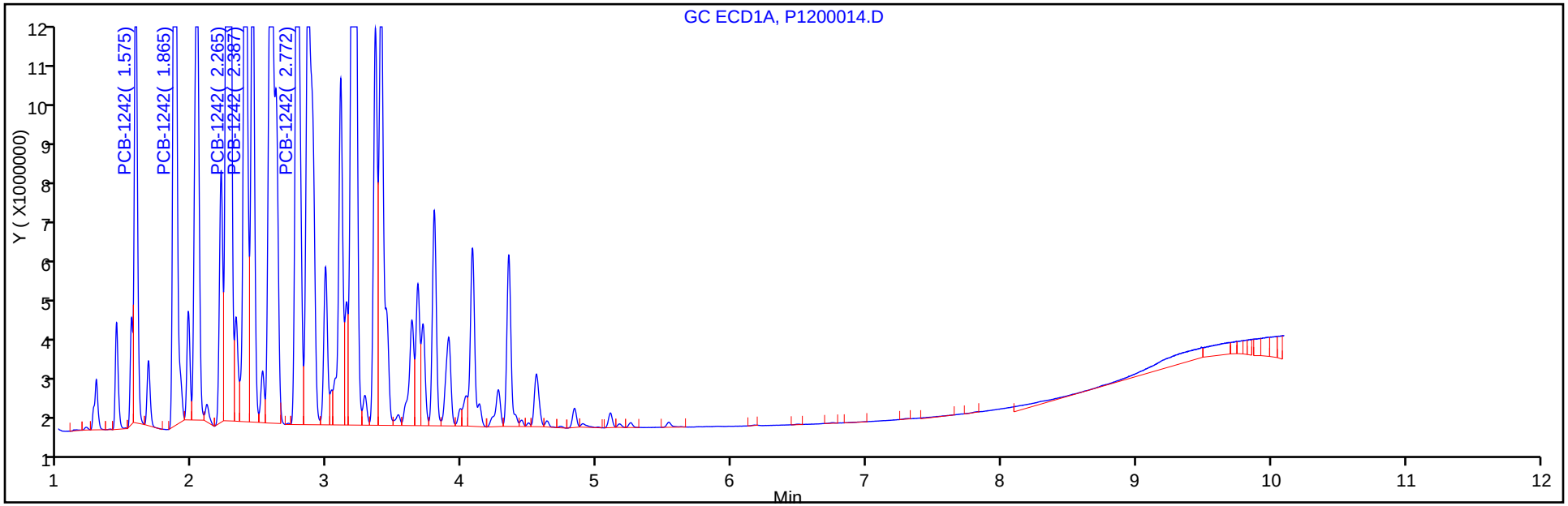
Report Date: 02-Apr-2013 07:01:59 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

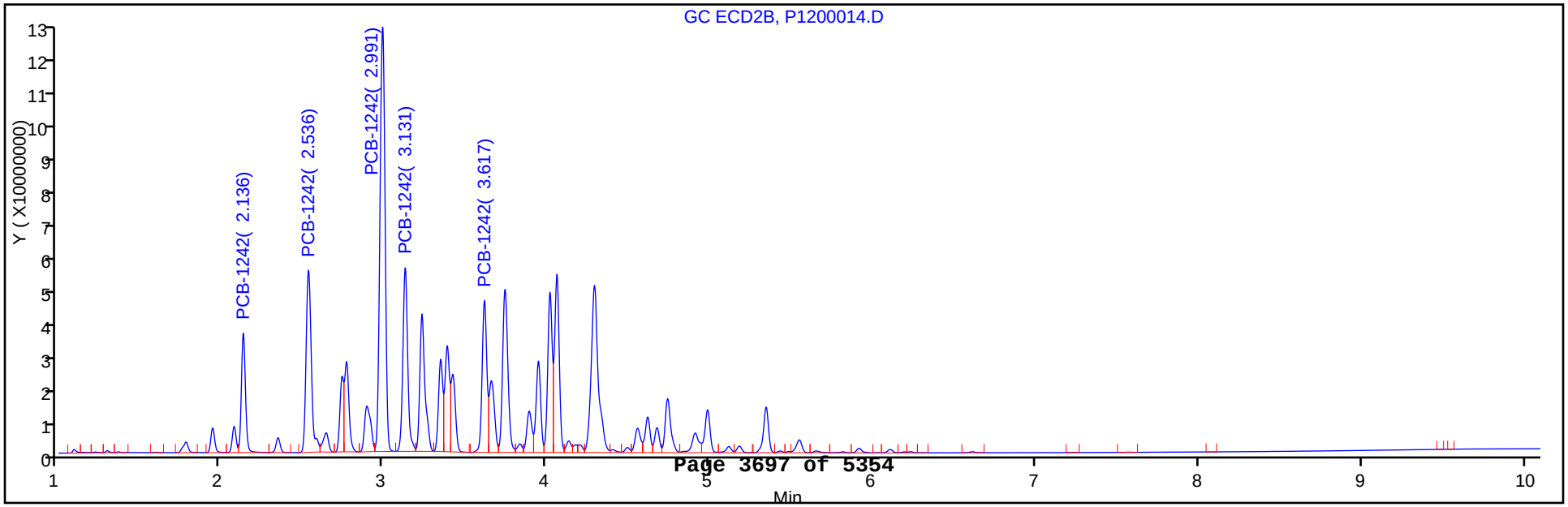
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200014.D

Injection Date:	01-Apr-2013 12:48:08	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1 Analy Batch No.: 80043

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/01/2013 13:02 Calibration End Date: 04/01/2013 14:13 Calibration ID: 14290

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-80043/15	P1200015.D
Level 2	STD01 240-80043/16	P1200016.D
Level 3	STD02 240-80043/17	P1200017.D
Level 4	STD05 240-80043/18	P1200018.D
Level 5	STD1 240-80043/19	P1200019.D
Level 6	STD2 240-80043/20	P1200020.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1248 Peak 1	1.863	1.864	1.867	1.864	1.864	1.865					1.813 - 1.913	1.865
PCB-1248 Peak 2	2.264	2.263	2.265	2.264	2.264	2.265					2.214 - 2.314	2.264
PCB-1248 Peak 3	2.773	2.772	2.776	2.773	2.774	2.774					2.723 - 2.823	2.774
PCB-1248 Peak 4	3.356	3.356	3.358	3.356	3.356	3.357					3.306 - 3.406	3.357
PCB-1248 Peak 5	3.792	3.791	3.794	3.792	3.791	3.792					3.742 - 3.842	3.792

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-22648-1 Analy Batch No.: 80043

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/01/2013 13:02 Calibration End Date: 04/01/2013 14:13 Calibration ID: 14290

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-80043/15	P1200015.D
Level 2	STD01 240-80043/16	P1200016.D
Level 3	STD02 240-80043/17	P1200017.D
Level 4	STD05 240-80043/18	P1200018.D
Level 5	STD1 240-80043/19	P1200019.D
Level 6	STD2 240-80043/20	P1200020.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	15150500 11147511	13844290 9504003	12726270	11927482	Ave		12383342.7				16.0		20.0			
PCB-1248 Peak 2	38786780 29758632	35730810 25731069	33304535	31221118	Ave		32422157.3				14.0		20.0			
PCB-1248 Peak 3	45141020 32972663	40325130 28898977	37566930	34983122	Ave		36647973.7				16.0		20.0			
PCB-1248 Peak 4	25876320 18823703	23024280 16764633	21716195	19822956	Ave		21004681.2				15.0		20.0			
PCB-1248 Peak 5	22729860 17104493	20642060 15597672	19422735	18208376	Ave		18950866.0				13.0		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.: 240-22648-1 Analy Batch No.: 80043

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/01/2013 13:02 Calibration End Date: 04/01/2013 14:13 Calibration ID: 14290

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-80043/15	P1200015.D
Level 2	STD01 240-80043/16	P1200016.D
Level 3	STD02 240-80043/17	P1200017.D
Level 4	STD05 240-80043/18	P1200018.D
Level 5	STD1 240-80043/19	P1200019.D
Level 6	STD2 240-80043/20	P1200020.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	757525 19008006	1384429	2545254	5963741	11147511	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 2	Ave	1939339 51462138	3573081	6660907	15610559	29758632	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 3	Ave	2257051 57797954	4032513	7513386	17491561	32972663	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 4	Ave	1293816 33529266	2302428	4343239	9911478	18823703	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 5	Ave	1136493 31195344	2064206	3884547	9104188	17104493	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\A2HP12\20130401-18420.b\P1200015.D		
Lims ID:	STD005 1248	Client ID:	
Inject. Date:	01-Apr-2013 13:02:24	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0018420-015		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 ul	ALS Bottle#:	15
Lims Batch ID:	80043	Lims Sample ID:	15
Sublist:	chrom-PCB12*sub3		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m		
Last Update:	02-Apr-2013 07:01:59	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK018		

First Level Reviewer: hassl Date: 02-Apr-2013 06:45:33

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.863	1.863	0.000	757525	0.0612		100.0	
1	2	2.264	2.264	0.000	1939339	0.0598	236.7- 286.7	256.0	
1	3	2.773	2.773	0.000	2257051	0.0616	270.2- 320.2	298.0	
1	4	3.356	3.356	0.000	1293816	0.0616	145.6- 195.6	170.8	
1	5	3.792	3.792	0.000	1136493	0.0600	127.6- 177.6	150.0	
			Average of Peak Amounts =			0.0608			
2	6	2.535	2.535	0.000	2238364	0.0630		100.0	
2	7	2.989	2.989	0.000	5550580	0.0585	235.6- 295.6	248.0	
2	8	3.617	3.617	0.000	5481888	0.0630	215.6- 275.6	244.9	
2	9	4.062	4.062	0.000	6110880	0.0586	261.1- 321.1	273.0	
2	10	4.740	4.740	0.000	3391316	0.0596	131.8- 191.8	151.5	
			Average of Peak Amounts =			0.0606			
						RPD = 0.43			

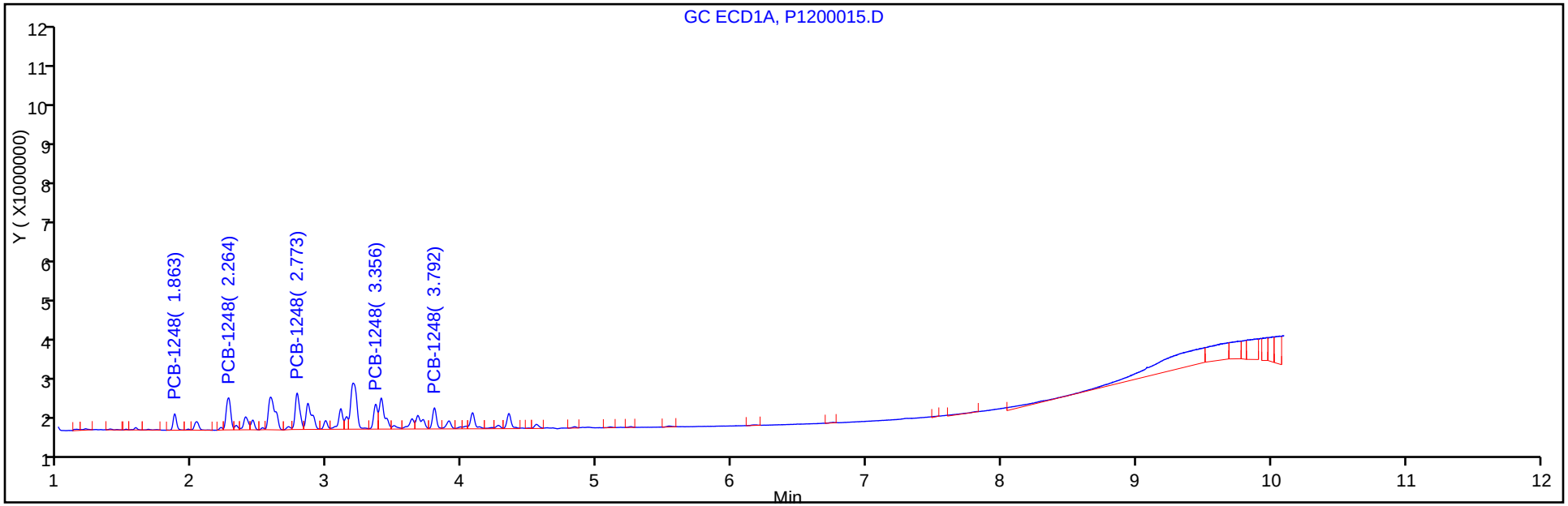
Report Date: 02-Apr-2013 07:02:00 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

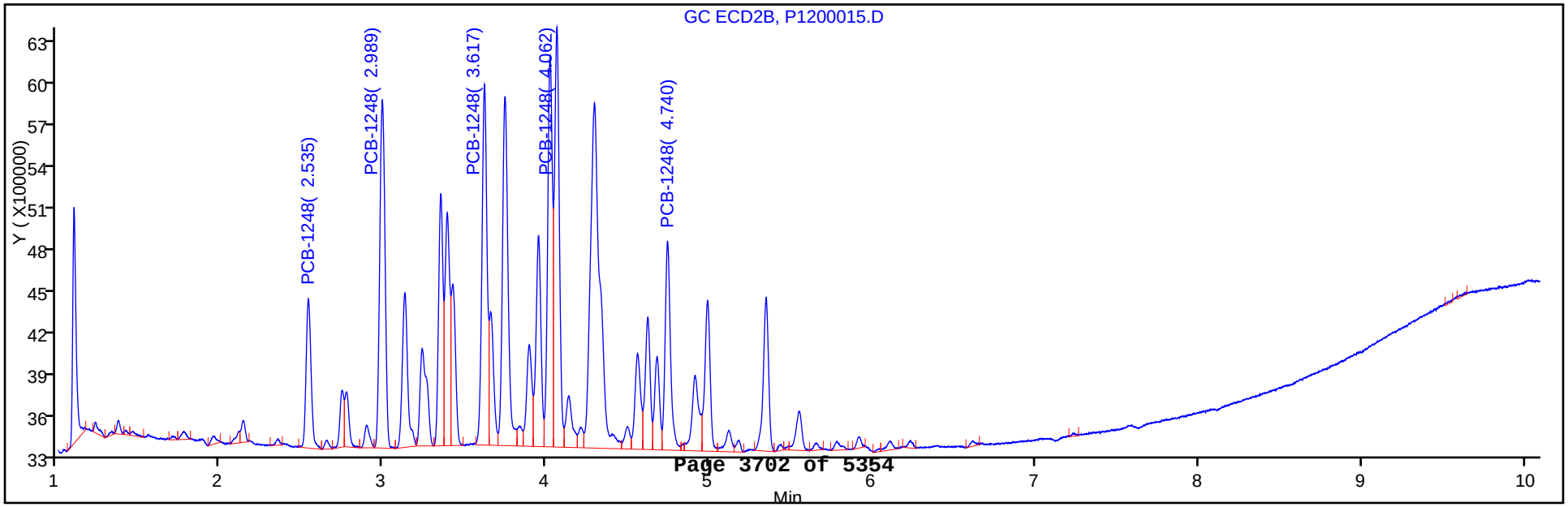
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200015.D

Injection Date:	01-Apr-2013 13:02:24	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200016.D		
Lims ID:	STD01 1248	Client ID:	
Inject. Date:	01-Apr-2013 13:16:31	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0018420-016		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 ul	ALS Bottle#:	16
Lims Batch ID:	80043	Lims Sample ID:	16
Sublist:	chrom-PCB12*sub3		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m		
Last Update:	02-Apr-2013 07:02:01	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK018		

First Level Reviewer: hassl Date: 02-Apr-2013 06:46:11

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.864	1.863	0.001	1384429	0.1118		100.0	
1	2	2.263	2.264	-0.001	3573081	0.1102	236.7- 286.7	258.1	
1	3	2.772	2.773	-0.001	4032513	0.1100	270.2- 320.2	291.3	
1	4	3.356	3.356	0.000	2302428	0.1096	145.6- 195.6	166.3	
1	5	3.791	3.792	-0.001	2064206	0.1089	127.6- 177.6	149.1	
			Average of Peak Amounts =			0.1101			
2	6	2.535	2.535	0.000	3956116	0.1114		100.0	
2	7	2.989	2.989	0.000	10131151	0.1068	235.6- 295.6	256.1	
2	8	3.616	3.617	-0.001	9538458	0.1096	215.6- 275.6	241.1	
2	9	4.061	4.062	-0.001	11231207	0.1078	261.1- 321.1	283.9	
2	10	4.741	4.740	0.001	6209071	0.1092	131.8- 191.8	156.9	
			Average of Peak Amounts =			0.1090			
						RPD = 1.05			

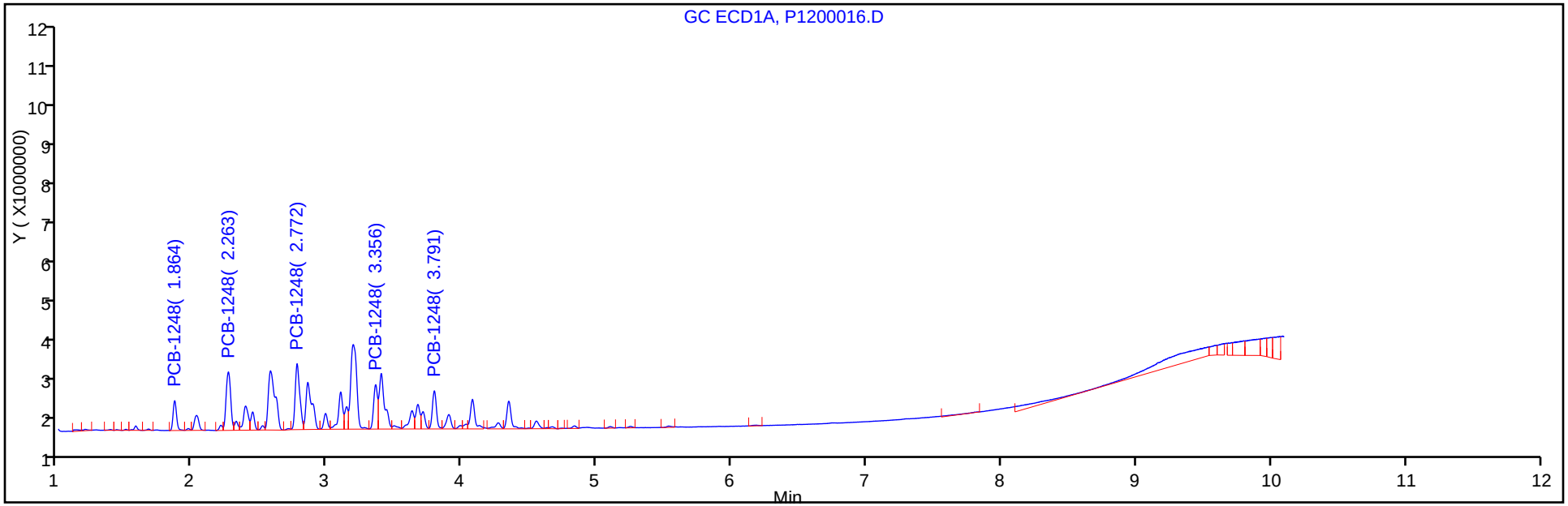
Report Date: 02-Apr-2013 07:02:03 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

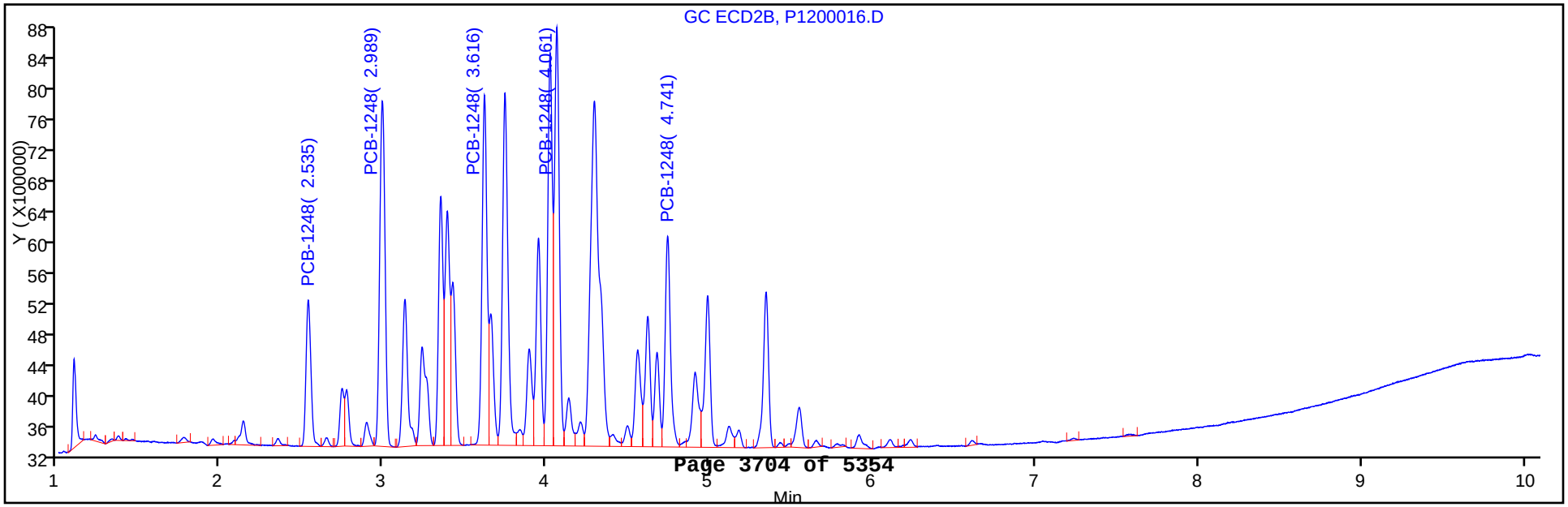
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200016.D

Injection Date:	01-Apr-2013 13:16:31	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200017.D
Lims ID: STD02 1248 Client ID:
Inject. Date: 01-Apr-2013 13:31:06 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0018420-017
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 17
Lims Batch ID: 80043 Lims Sample ID: 17
Sublist: chrom-PCB12*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:00:45 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.867	1.863	0.004	2545254	0.2055		100.0	
1	2	2.265	2.264	0.001	6660907	0.2054	236.7- 286.7	261.7	
1	3	2.776	2.773	0.003	7513386	0.2050	270.2- 320.2	295.2	
1	4	3.358	3.356	0.002	4343239	0.2068	145.6- 195.6	170.6	
1	5	3.794	3.792	0.002	3884547	0.2050	127.6- 177.6	152.6	
			Average of Peak Amounts =			0.2056			
2	6	2.536	2.535	0.001	7269883	0.2048		100.0	
2	7	2.991	2.989	0.002	19309895	0.2036	235.6- 295.6	265.6	
2	8	3.618	3.617	0.001	17856240	0.2051	215.6- 275.6	245.6	
2	9	4.061	4.062	-0.001	21159566	0.2030	261.1- 321.1	291.1	
2	10	4.741	4.740	0.001	11764899	0.2069	131.8- 191.8	161.8	
			Average of Peak Amounts =			0.2047			
						RPD = 0.42			

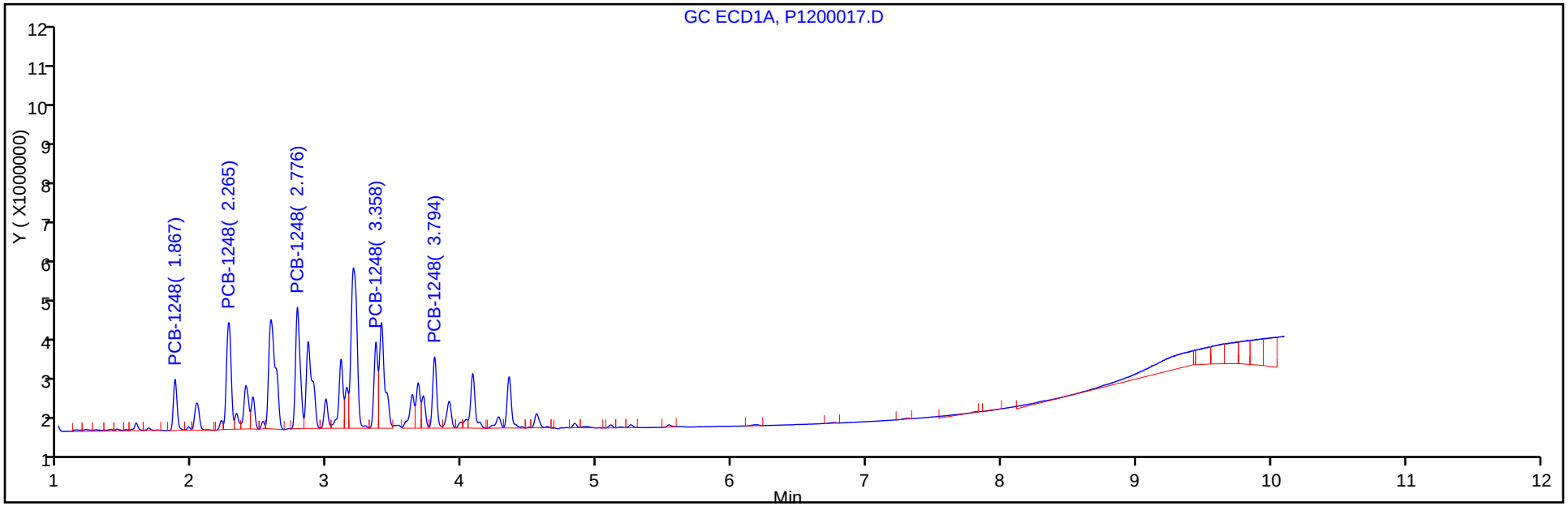
Report Date: 02-Apr-2013 07:00:46 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

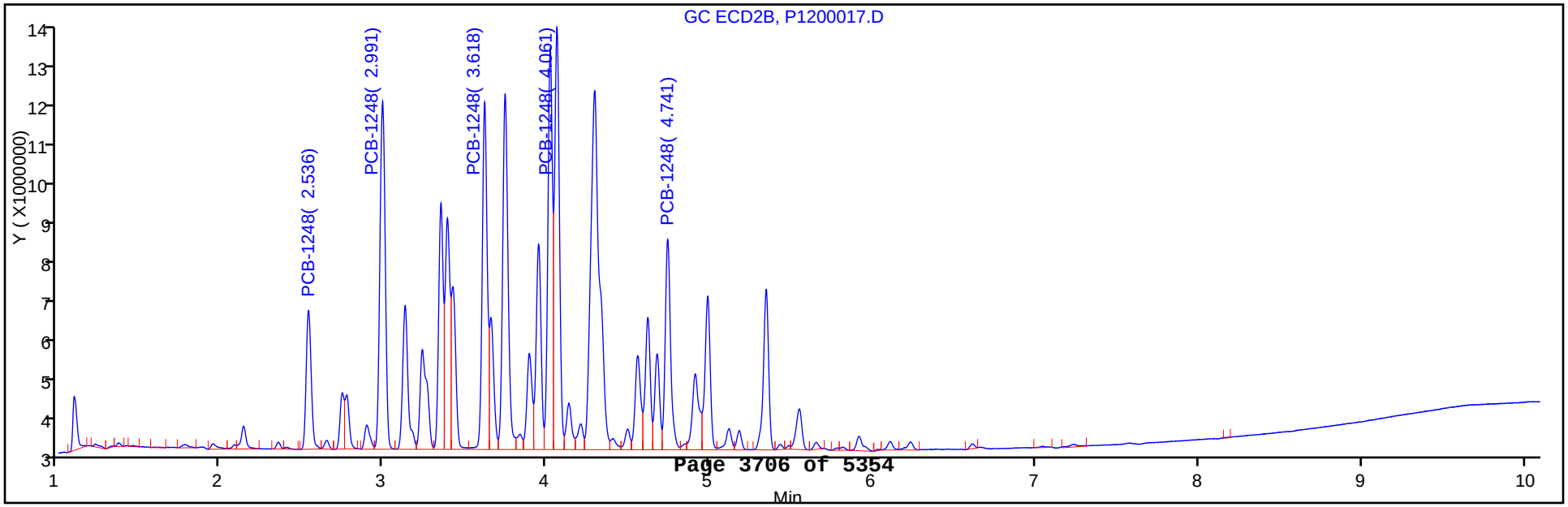
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200017.D

Injection Date:	01-Apr-2013 13:31:06	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200018.D
Lims ID: STD05 1248 Client ID:
Inject. Date: 01-Apr-2013 13:45:16 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0018420-018
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 18
Lims Batch ID: 80043 Lims Sample ID: 18
Sublist: chrom-PCB12*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:00:46 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.864	1.863	0.001	5963741	0.4816		100.0	
1	2	2.264	2.264	0.000	15610559	0.4815	236.7- 286.7	261.8	
1	3	2.773	2.773	0.000	17491561	0.4773	270.2- 320.2	293.3	
1	4	3.356	3.356	0.000	9911478	0.4719	145.6- 195.6	166.2	
1	5	3.792	3.792	0.000	9104188	0.4804	127.6- 177.6	152.7	
			Average of Peak Amounts =			0.4785			
2	6	2.535	2.535	0.000	16874663	0.4753		100.0	
2	7	2.990	2.989	0.001	45475138	0.4796	235.6- 295.6	269.5	
2	8	3.617	3.617	0.000	40394810	0.4641	215.6- 275.6	239.4	
2	9	4.061	4.062	-0.001	48886360	0.4690	261.1- 321.1	289.7	
2	10	4.741	4.740	0.001	26534192	0.4666	131.8- 191.8	157.2	
			Average of Peak Amounts =			0.4709			
						RPD = 1.60			

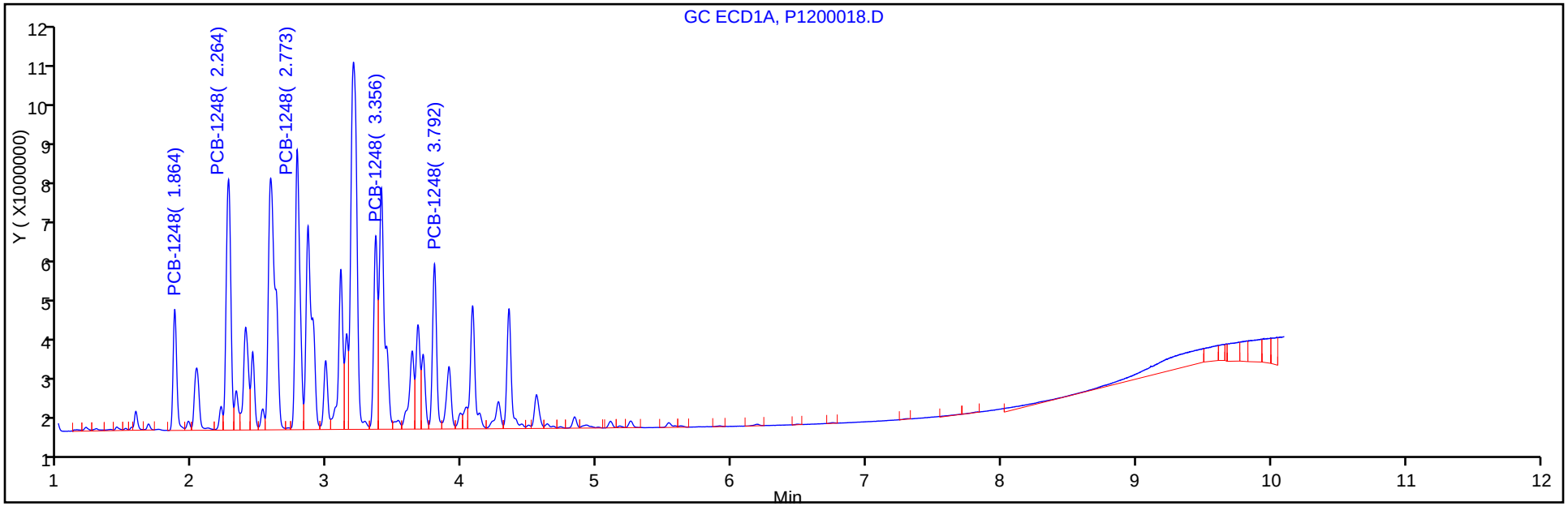
Report Date: 02-Apr-2013 07:00:47 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

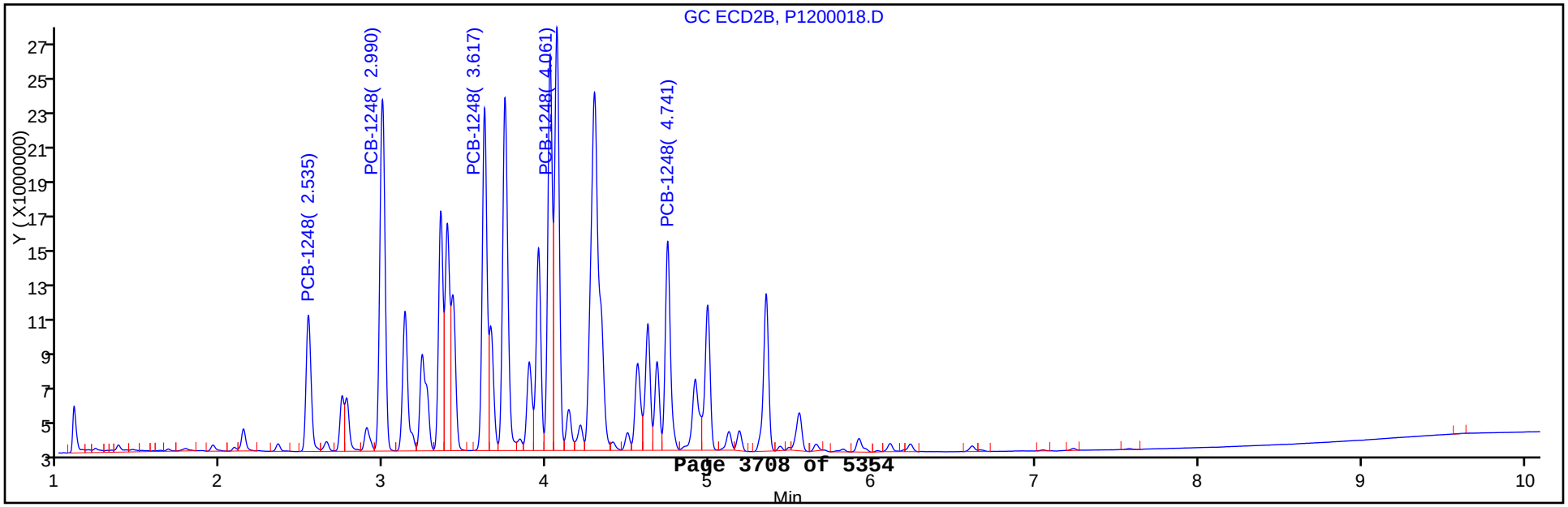
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200018.D

Injection Date:	01-Apr-2013 13:45:16	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200019.D
Lims ID: STD1 1248 Client ID:
Inject. Date: 01-Apr-2013 13:59:24 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0018420-019
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 19
Lims Batch ID: 80043 Lims Sample ID: 19
Sublist: chrom-PCB12*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:00:48 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.864	1.863	0.001	11147511	0.9002		100.0	
1	2	2.264	2.264	0.000	29758632	0.9178	236.7- 286.7	267.0	
1	3	2.774	2.773	0.001	32972663	0.8997	270.2- 320.2	295.8	
1	4	3.356	3.356	0.000	18823703	0.8962	145.6- 195.6	168.9	
1	5	3.791	3.792	-0.001	17104493	0.9026	127.6- 177.6	153.4	
			Average of Peak Amounts =			0.9033			
2	6	2.536	2.535	0.001	31589085	0.8898		100.0	
2	7	2.991	2.989	0.002	89776129	0.9468	235.6- 295.6	284.2	
2	8	3.618	3.617	0.001	78048621	0.8967	215.6- 275.6	247.1	
2	9	4.061	4.062	-0.001	98585446	0.9458	261.1- 321.1	312.1	
2	10	4.741	4.740	0.001	51999203	0.9145	131.8- 191.8	164.6	
			Average of Peak Amounts =			0.9187			
						RPD = 1.69			

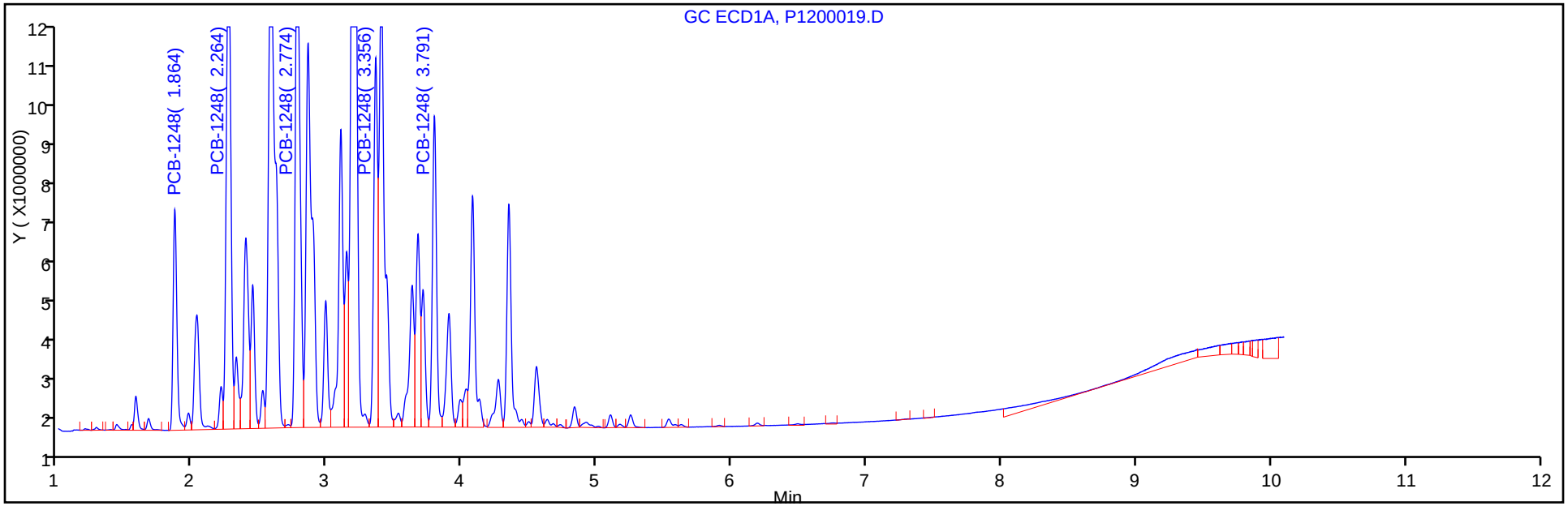
Report Date: 02-Apr-2013 07:00:49 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

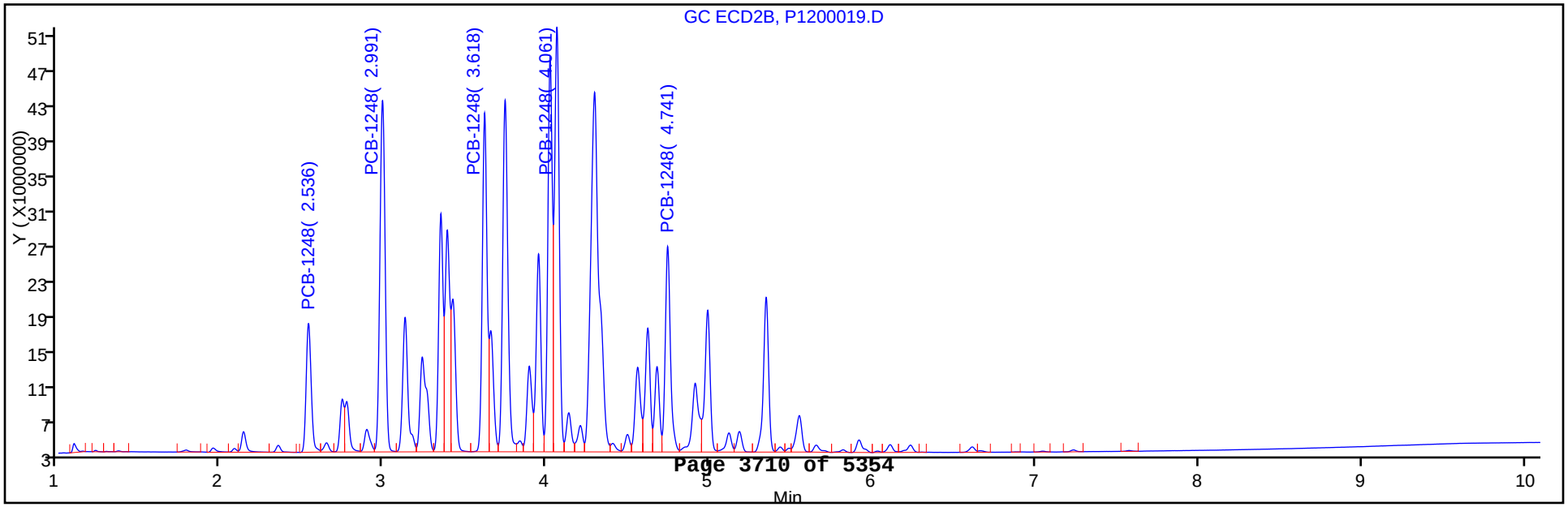
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200019.D

Injection Date:	01-Apr-2013 13:59:24	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200020.D
Lims ID: STD2 1248 Client ID:
Inject. Date: 01-Apr-2013 14:13:39 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0018420-020
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 20
Lims Batch ID: 80043 Lims Sample ID: 20
Sublist: chrom-PCB12*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:00:49 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.865	1.863	0.002	19008006	1.53		100.0	
1	2	2.265	2.264	0.001	51462138	1.59	236.7- 286.7	270.7	
1	3	2.774	2.773	0.001	57797954	1.58	270.2- 320.2	304.1	
1	4	3.357	3.356	0.001	33529266	1.60	145.6- 195.6	176.4	
1	5	3.792	3.792	0.000	31195344	1.65	127.6- 177.6	164.1	
			Average of Peak Amounts =			1.59			
2	6	2.536	2.535	0.001	53990684	1.52		100.0	
2	7	2.991	2.989	0.002	158697336	1.67	235.6- 295.6	293.9	
2	8	3.618	3.617	0.001	138220284	1.59	215.6- 275.6	256.0	
2	9	4.062	4.062	0.000	177413921	1.70	261.1- 321.1	328.6	
2	10	4.741	4.740	0.001	94729733	1.67	131.8- 191.8	175.5	
			Average of Peak Amounts =			1.63			
						RPD = 2.59			

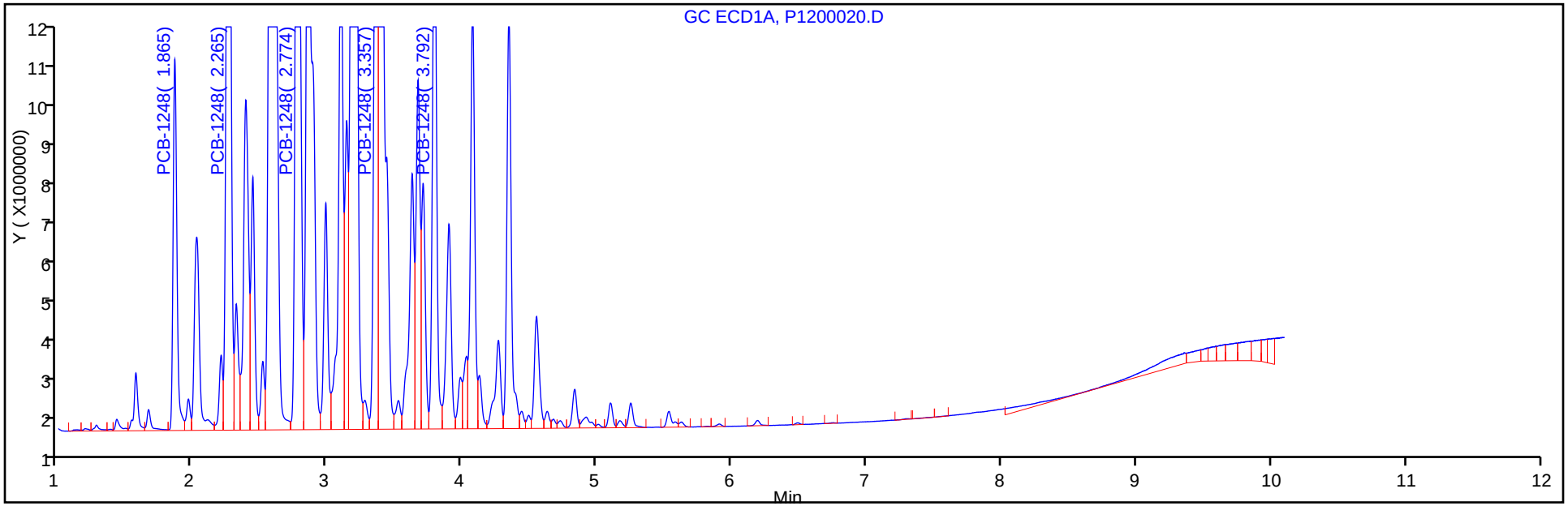
Report Date: 02-Apr-2013 07:00:50 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

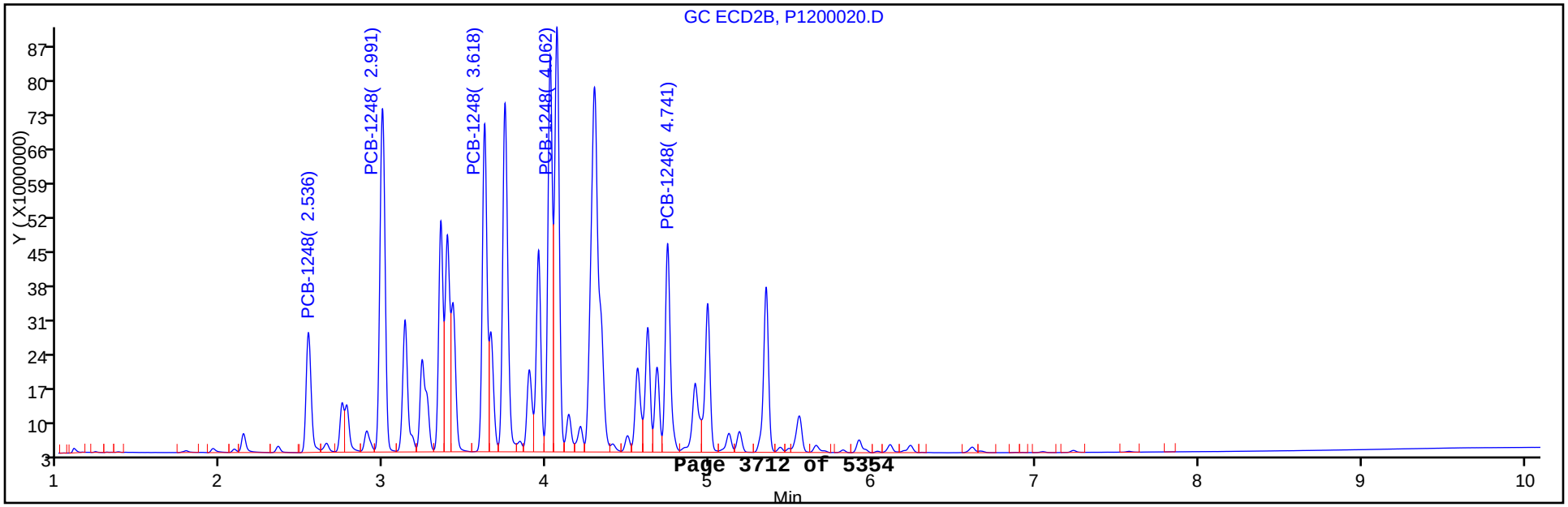
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200020.D

Injection Date:	01-Apr-2013 14:13:39	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	Lims Sample ID:	20
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1 Analy Batch No.: 80043

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/01/2013 13:02 Calibration End Date: 04/01/2013 14:13 Calibration ID: 14291

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-80043/15	P1200015.D
Level 2	STD01 240-80043/16	P1200016.D
Level 3	STD02 240-80043/17	P1200017.D
Level 4	STD05 240-80043/18	P1200018.D
Level 5	STD1 240-80043/19	P1200019.D
Level 6	STD2 240-80043/20	P1200020.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1248 Peak 1	2.535	2.535	2.536	2.535	2.536	2.536					2.485 - 2.585	2.536
PCB-1248 Peak 2	2.989	2.989	2.991	2.990	2.991	2.991					2.939 - 3.039	2.990
PCB-1248 Peak 3	3.617	3.616	3.618	3.617	3.618	3.618					3.567 - 3.667	3.617
PCB-1248 Peak 4	4.062	4.061	4.061	4.061	4.061	4.062					4.012 - 4.112	4.061
PCB-1248 Peak 5	4.740	4.741	4.741	4.741	4.741	4.741					4.690 - 4.790	4.741

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-22648-1 Analy Batch No.: 80043

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/01/2013 13:02 Calibration End Date: 04/01/2013 14:13 Calibration ID: 14291

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-80043/15	P1200015.D
Level 2	STD01 240-80043/16	P1200016.D
Level 3	STD02 240-80043/17	P1200017.D
Level 4	STD05 240-80043/18	P1200018.D
Level 5	STD1 240-80043/19	P1200019.D
Level 6	STD2 240-80043/20	P1200020.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	44767280 31589085	39561160 26995342	36349415	33749326	Ave		35501934.7				18.0		20.0			
PCB-1248 Peak 2	111011600 89776129	101311510 79348668	96549475	90950276	Ave		94824609.7				11.0		20.0			
PCB-1248 Peak 3	109637760 78048621	95384580 69110142	89281200	80789620	Ave		87041987.2				16.0		20.0			
PCB-1248 Peak 4	122217600 98585446	112312070 88706961	105797830	97772720	Ave		104232104				11.0		20.0			
PCB-1248 Peak 5	67826320 51999203	62090710 47364867	58824495	53068384	Ave		56862329.8				13.0		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.: 240-22648-1 Analy Batch No.: 80043

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/01/2013 13:02 Calibration End Date: 04/01/2013 14:13 Calibration ID: 14291

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-80043/15	P1200015.D
Level 2	STD01 240-80043/16	P1200016.D
Level 3	STD02 240-80043/17	P1200017.D
Level 4	STD05 240-80043/18	P1200018.D
Level 5	STD1 240-80043/19	P1200019.D
Level 6	STD2 240-80043/20	P1200020.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	2238364 53990684	3956116	7269883	16874663	31589085	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 2	Ave	5550580 158697336	10131151	19309895	45475138	89776129	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 3	Ave	5481888 138220284	9538458	17856240	40394810	78048621	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 4	Ave	6110880 177413921	11231207	21159566	48886360	98585446	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 5	Ave	3391316 94729733	6209071	11764899	26534192	51999203	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\A2HP12\20130401-18420.b\P1200015.D
Lims ID: STD005 1248 Client ID:
Inject. Date: 01-Apr-2013 13:02:24 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0018420-015
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 15
Lims Batch ID: 80043 Lims Sample ID: 15
Sublist: chrom-PCB12*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:59 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

First Level Reviewer: hassl Date: 02-Apr-2013 06:45:33

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.863	1.863	0.000	757525	0.0612		100.0	
1	2	2.264	2.264	0.000	1939339	0.0598	236.7- 286.7	256.0	
1	3	2.773	2.773	0.000	2257051	0.0616	270.2- 320.2	298.0	
1	4	3.356	3.356	0.000	1293816	0.0616	145.6- 195.6	170.8	
1	5	3.792	3.792	0.000	1136493	0.0600	127.6- 177.6	150.0	
			Average of Peak Amounts =			0.0608			
2	6	2.535	2.535	0.000	2238364	0.0630		100.0	
2	7	2.989	2.989	0.000	5550580	0.0585	235.6- 295.6	248.0	
2	8	3.617	3.617	0.000	5481888	0.0630	215.6- 275.6	244.9	
2	9	4.062	4.062	0.000	6110880	0.0586	261.1- 321.1	273.0	
2	10	4.740	4.740	0.000	3391316	0.0596	131.8- 191.8	151.5	
			Average of Peak Amounts =			0.0606			
						RPD = 0.43			

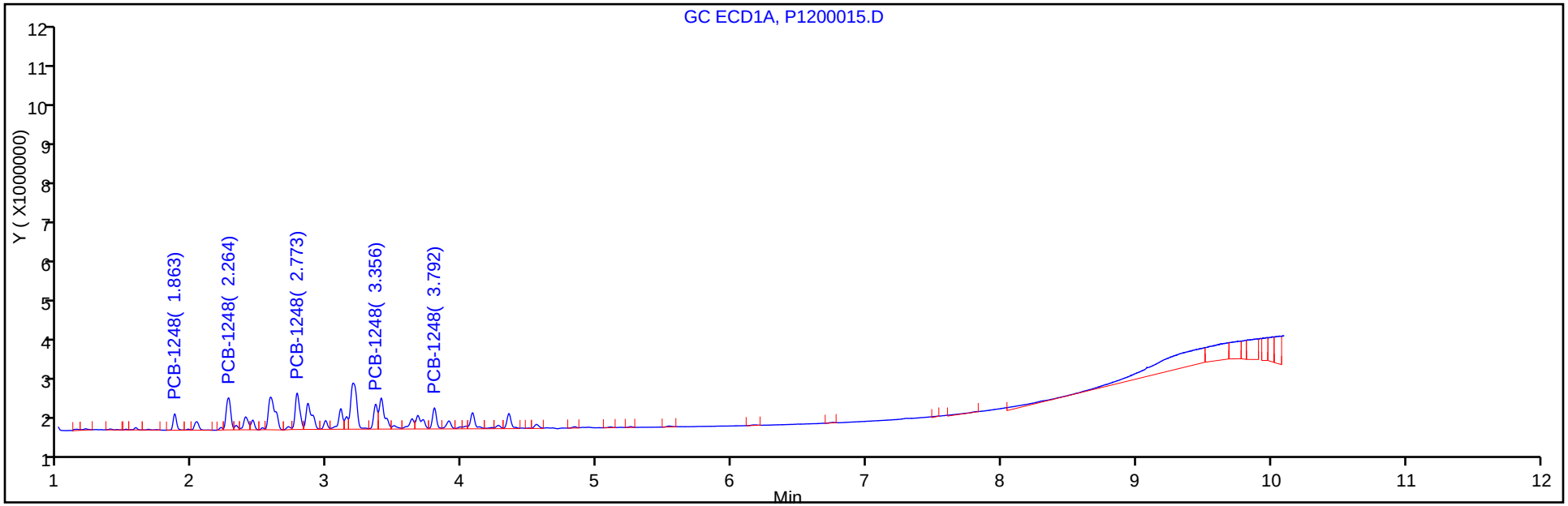
Report Date: 02-Apr-2013 07:02:01 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

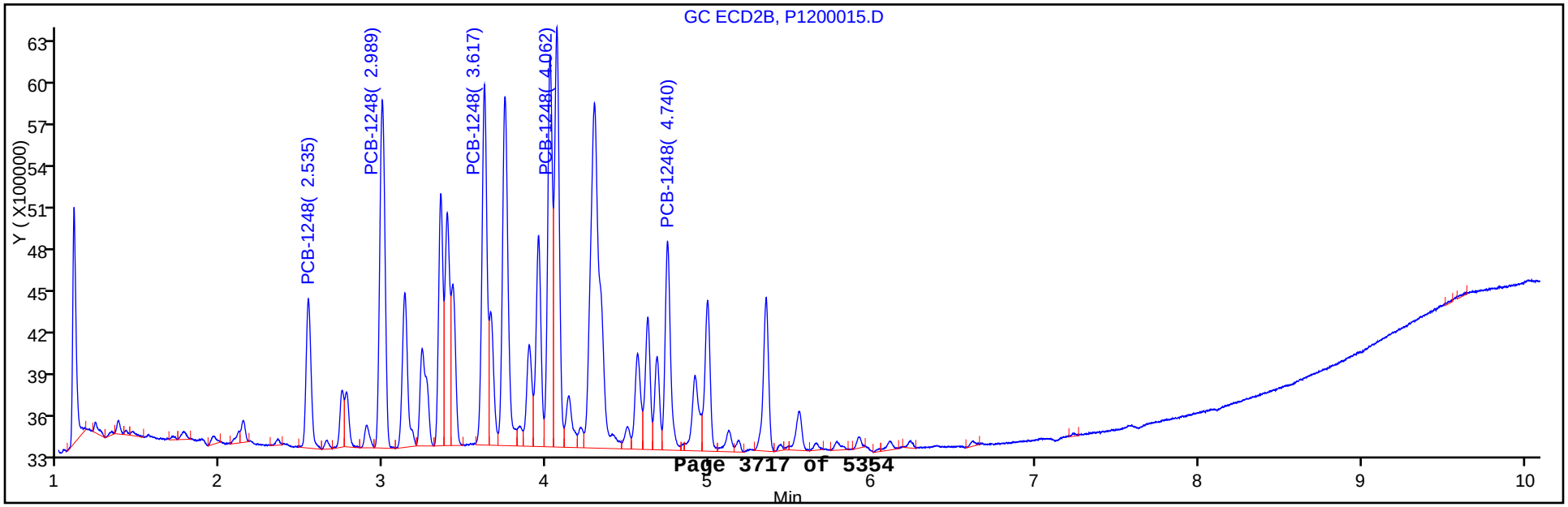
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200015.D

Injection Date:	01-Apr-2013 13:02:24	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200016.D		
Lims ID:	STD01 1248	Client ID:	
Inject. Date:	01-Apr-2013 13:16:31	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0018420-016		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 ul	ALS Bottle#:	16
Lims Batch ID:	80043	Lims Sample ID:	16
Sublist:	chrom-PCB12*sub3		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m		
Last Update:	02-Apr-2013 07:02:01	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK018		

First Level Reviewer: hassl Date: 02-Apr-2013 06:46:11

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.864	1.863	0.001	1384429	0.1118		100.0	
1	2	2.263	2.264	-0.001	3573081	0.1102	236.7- 286.7	258.1	
1	3	2.772	2.773	-0.001	4032513	0.1100	270.2- 320.2	291.3	
1	4	3.356	3.356	0.000	2302428	0.1096	145.6- 195.6	166.3	
1	5	3.791	3.792	-0.001	2064206	0.1089	127.6- 177.6	149.1	
			Average of Peak Amounts =			0.1101			
2	6	2.535	2.535	0.000	3956116	0.1114		100.0	
2	7	2.989	2.989	0.000	10131151	0.1068	235.6- 295.6	256.1	
2	8	3.616	3.617	-0.001	9538458	0.1096	215.6- 275.6	241.1	
2	9	4.061	4.062	-0.001	11231207	0.1078	261.1- 321.1	283.9	
2	10	4.741	4.740	0.001	6209071	0.1092	131.8- 191.8	156.9	
			Average of Peak Amounts =			0.1090			
						RPD = 1.05			

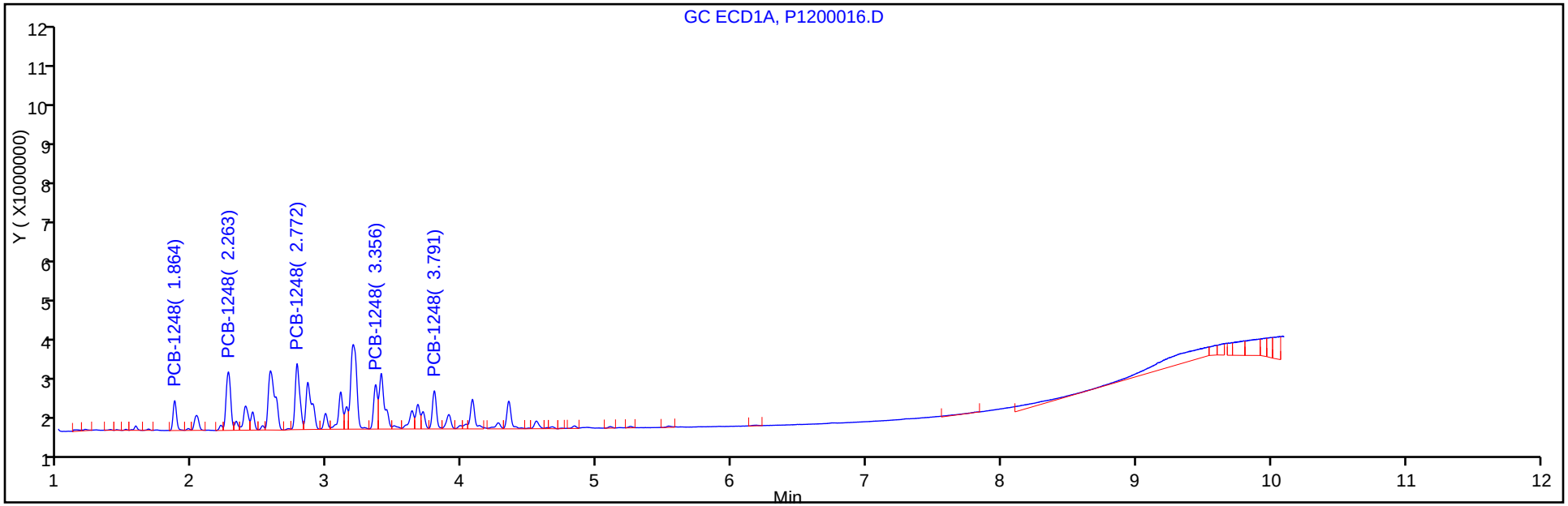
Report Date: 02-Apr-2013 07:02:03 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

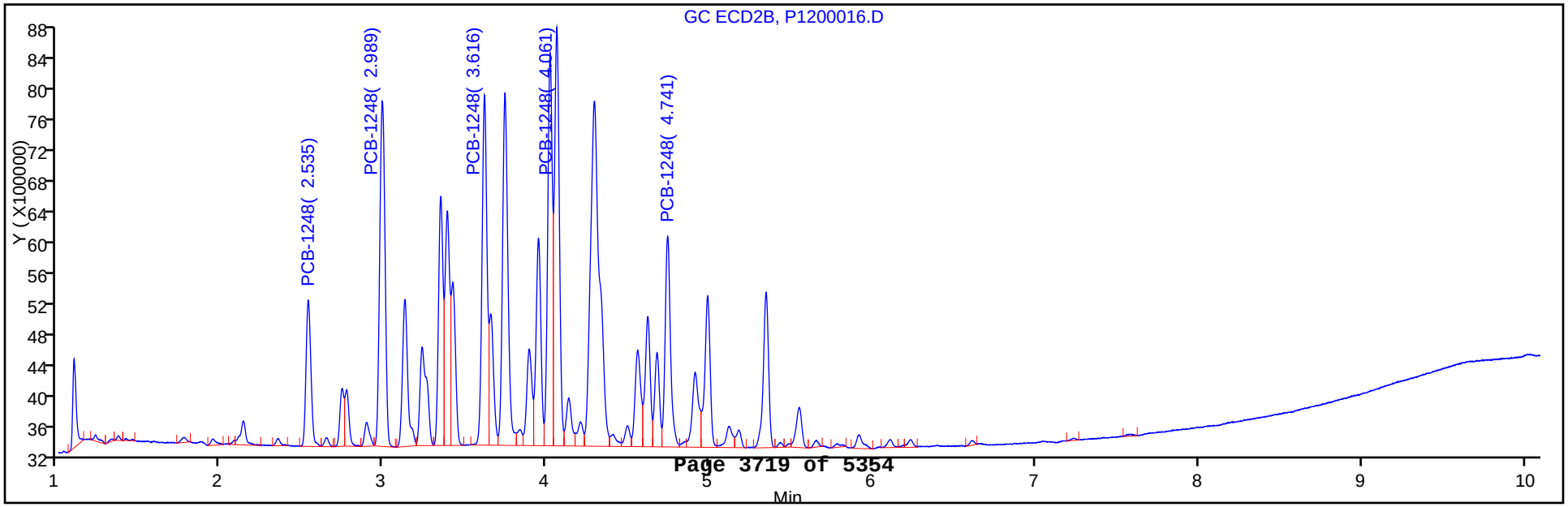
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200016.D

Injection Date:	01-Apr-2013 13:16:31	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200017.D
Lims ID: STD02 1248 Client ID:
Inject. Date: 01-Apr-2013 13:31:06 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0018420-017
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 17
Lims Batch ID: 80043 Lims Sample ID: 17
Sublist: chrom-PCB12*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:00:45 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.867	1.863	0.004	2545254	0.2055		100.0	
1	2	2.265	2.264	0.001	6660907	0.2054	236.7- 286.7	261.7	
1	3	2.776	2.773	0.003	7513386	0.2050	270.2- 320.2	295.2	
1	4	3.358	3.356	0.002	4343239	0.2068	145.6- 195.6	170.6	
1	5	3.794	3.792	0.002	3884547	0.2050	127.6- 177.6	152.6	
			Average of Peak Amounts =			0.2056			
2	6	2.536	2.535	0.001	7269883	0.2048		100.0	
2	7	2.991	2.989	0.002	19309895	0.2036	235.6- 295.6	265.6	
2	8	3.618	3.617	0.001	17856240	0.2051	215.6- 275.6	245.6	
2	9	4.061	4.062	-0.001	21159566	0.2030	261.1- 321.1	291.1	
2	10	4.741	4.740	0.001	11764899	0.2069	131.8- 191.8	161.8	
			Average of Peak Amounts =			0.2047			
						RPD = 0.42			

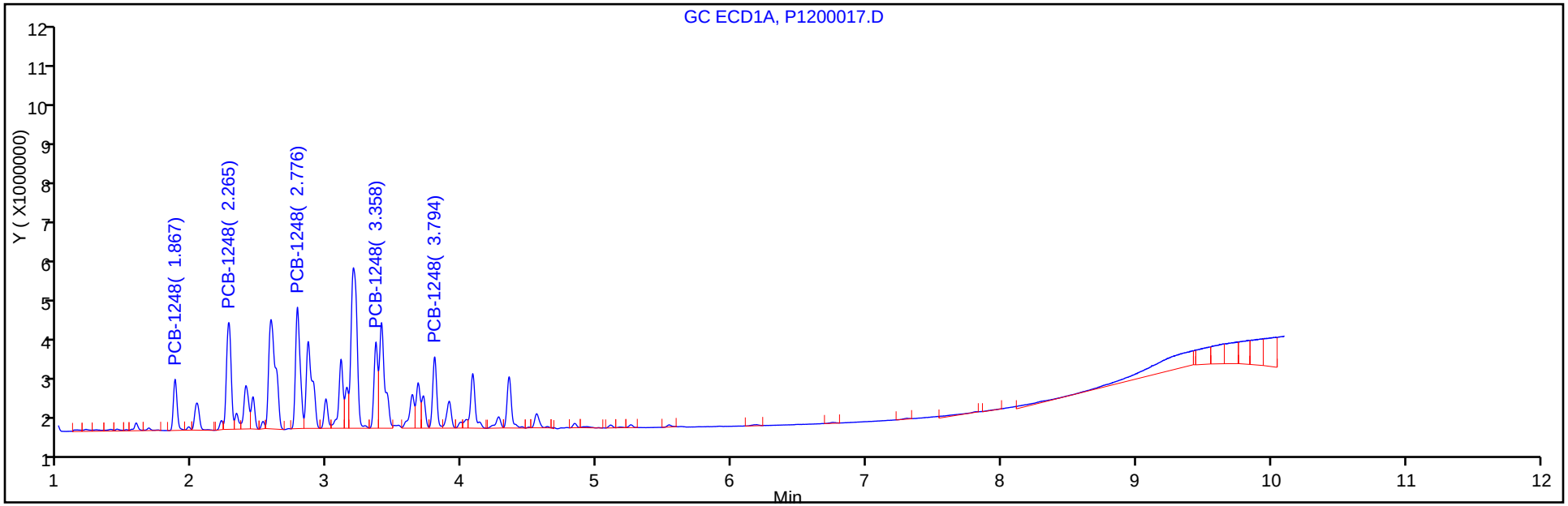
Report Date: 02-Apr-2013 07:00:46 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

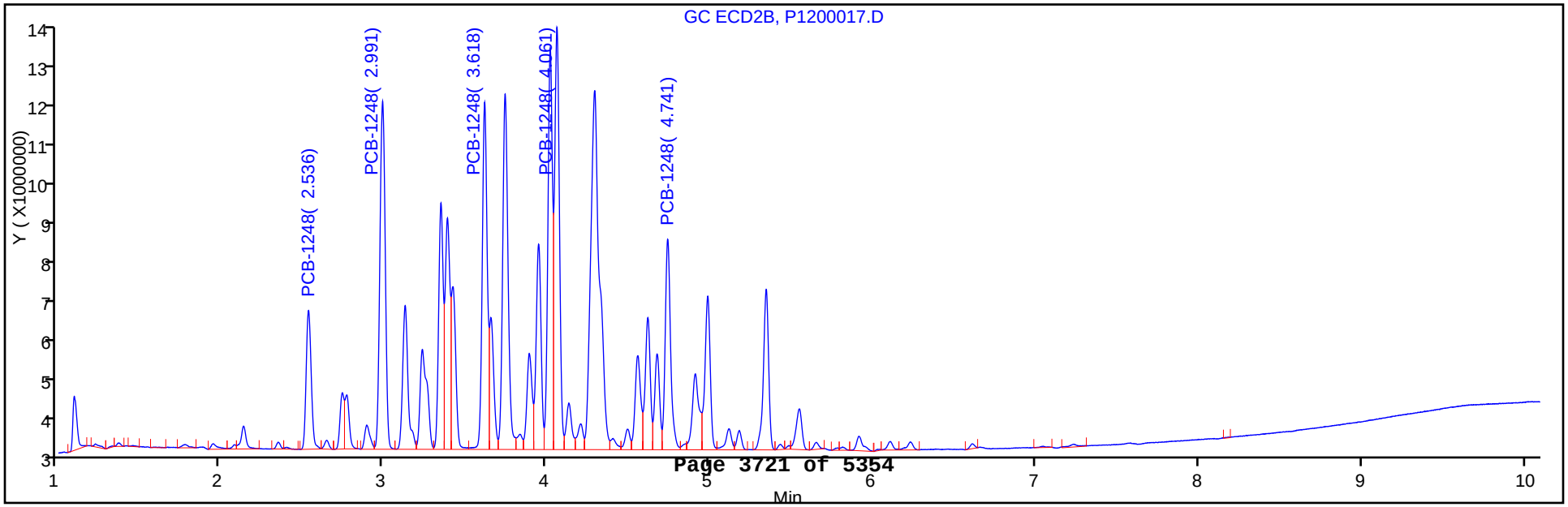
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200017.D

Injection Date:	01-Apr-2013 13:31:06	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200018.D
Lims ID: STD05 1248 Client ID:
Inject. Date: 01-Apr-2013 13:45:16 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0018420-018
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 18
Lims Batch ID: 80043 Lims Sample ID: 18
Sublist: chrom-PCB12*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:00:46 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.864	1.863	0.001	5963741	0.4816		100.0	
1	2	2.264	2.264	0.000	15610559	0.4815	236.7- 286.7	261.8	
1	3	2.773	2.773	0.000	17491561	0.4773	270.2- 320.2	293.3	
1	4	3.356	3.356	0.000	9911478	0.4719	145.6- 195.6	166.2	
1	5	3.792	3.792	0.000	9104188	0.4804	127.6- 177.6	152.7	
			Average of Peak Amounts =			0.4785			
2	6	2.535	2.535	0.000	16874663	0.4753		100.0	
2	7	2.990	2.989	0.001	45475138	0.4796	235.6- 295.6	269.5	
2	8	3.617	3.617	0.000	40394810	0.4641	215.6- 275.6	239.4	
2	9	4.061	4.062	-0.001	48886360	0.4690	261.1- 321.1	289.7	
2	10	4.741	4.740	0.001	26534192	0.4666	131.8- 191.8	157.2	
			Average of Peak Amounts =			0.4709			
						RPD = 1.60			

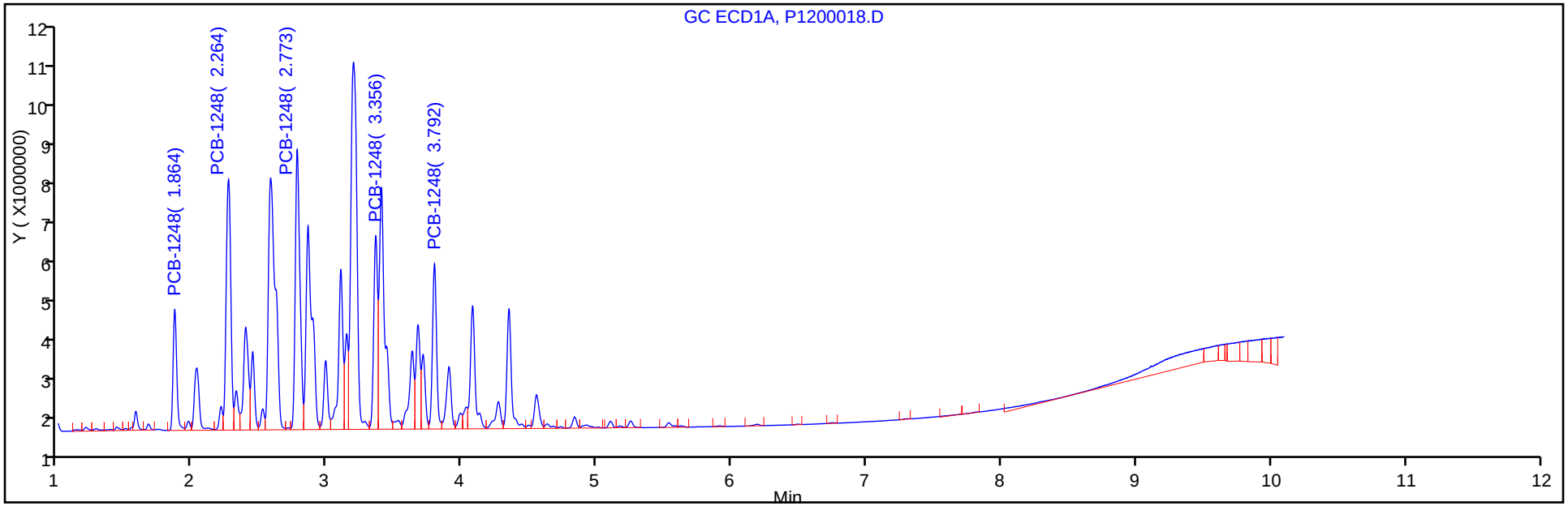
Report Date: 02-Apr-2013 07:00:47 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

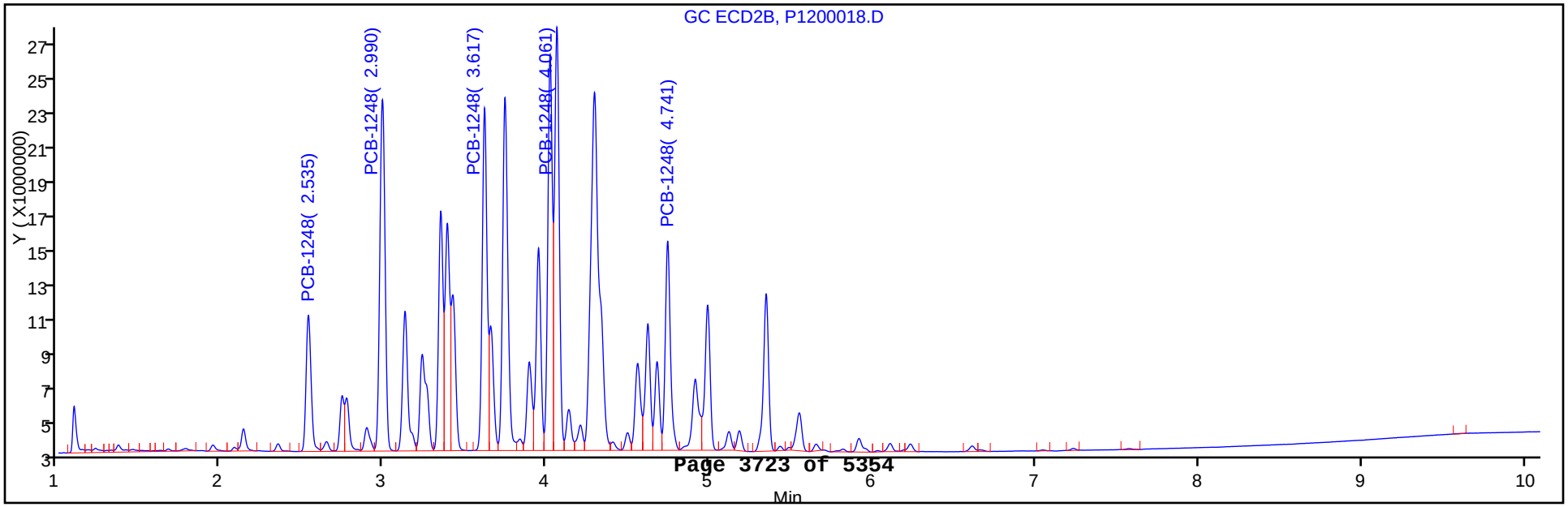
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200018.D

Injection Date:	01-Apr-2013 13:45:16	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200019.D
Lims ID: STD1 1248 Client ID:
Inject. Date: 01-Apr-2013 13:59:24 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0018420-019
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 19
Lims Batch ID: 80043 Lims Sample ID: 19
Sublist: chrom-PCB12*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:00:48 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.864	1.863	0.001	11147511	0.9002		100.0	
1	2	2.264	2.264	0.000	29758632	0.9178	236.7- 286.7	267.0	
1	3	2.774	2.773	0.001	32972663	0.8997	270.2- 320.2	295.8	
1	4	3.356	3.356	0.000	18823703	0.8962	145.6- 195.6	168.9	
1	5	3.791	3.792	-0.001	17104493	0.9026	127.6- 177.6	153.4	
			Average of Peak Amounts =			0.9033			
2	6	2.536	2.535	0.001	31589085	0.8898		100.0	
2	7	2.991	2.989	0.002	89776129	0.9468	235.6- 295.6	284.2	
2	8	3.618	3.617	0.001	78048621	0.8967	215.6- 275.6	247.1	
2	9	4.061	4.062	-0.001	98585446	0.9458	261.1- 321.1	312.1	
2	10	4.741	4.740	0.001	51999203	0.9145	131.8- 191.8	164.6	
			Average of Peak Amounts =			0.9187			
						RPD = 1.69			

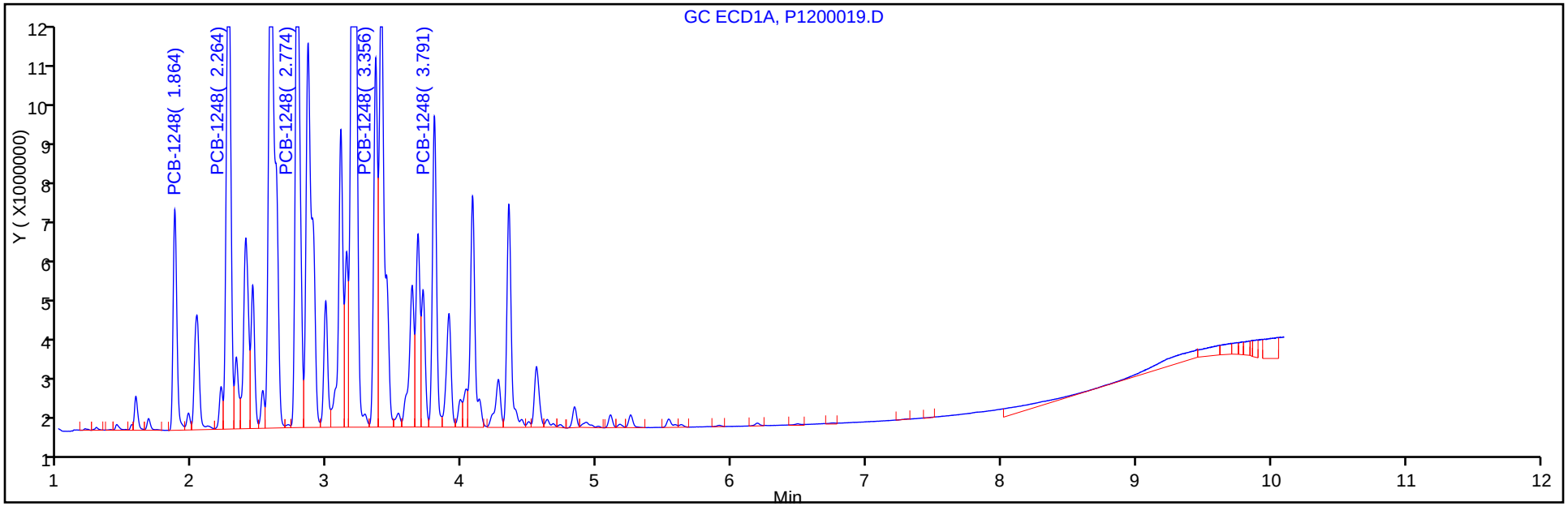
Report Date: 02-Apr-2013 07:00:49 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

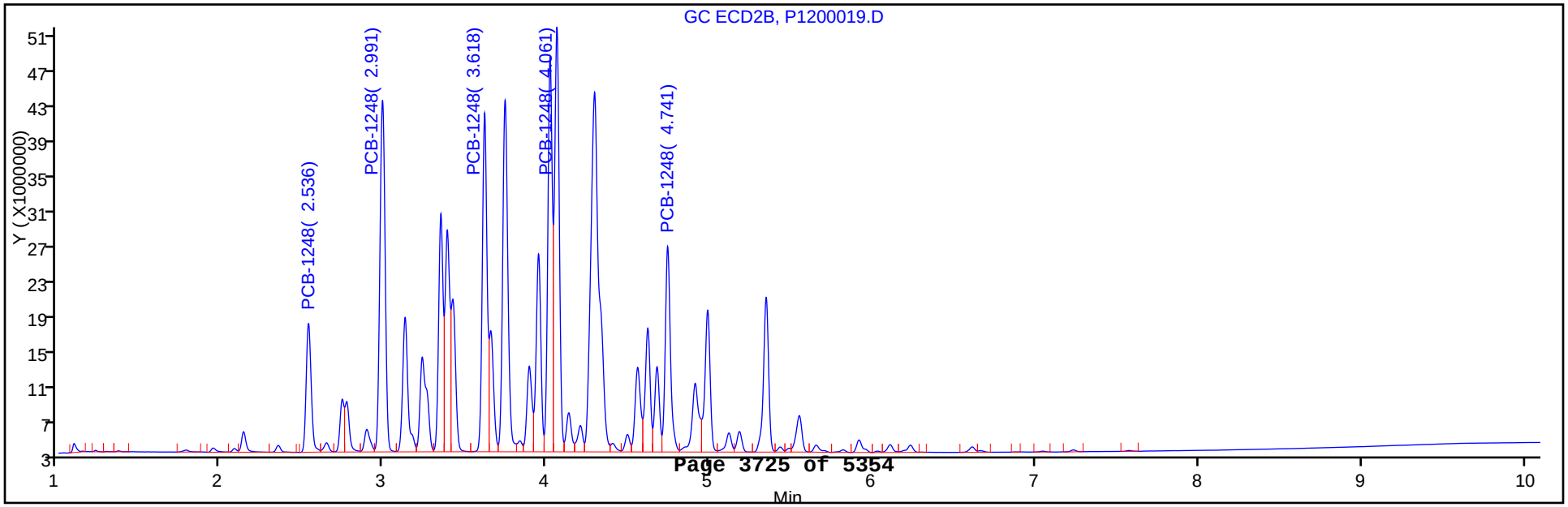
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200019.D

Injection Date:	01-Apr-2013 13:59:24	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200020.D
Lims ID: STD2 1248 Client ID:
Inject. Date: 01-Apr-2013 14:13:39 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0018420-020
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 20
Lims Batch ID: 80043 Lims Sample ID: 20
Sublist: chrom-PCB12*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:00:49 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.865	1.863	0.002	19008006	1.53		100.0	
1	2	2.265	2.264	0.001	51462138	1.59	236.7- 286.7	270.7	
1	3	2.774	2.773	0.001	57797954	1.58	270.2- 320.2	304.1	
1	4	3.357	3.356	0.001	33529266	1.60	145.6- 195.6	176.4	
1	5	3.792	3.792	0.000	31195344	1.65	127.6- 177.6	164.1	
			Average of Peak Amounts =			1.59			
2	6	2.536	2.535	0.001	53990684	1.52		100.0	
2	7	2.991	2.989	0.002	158697336	1.67	235.6- 295.6	293.9	
2	8	3.618	3.617	0.001	138220284	1.59	215.6- 275.6	256.0	
2	9	4.062	4.062	0.000	177413921	1.70	261.1- 321.1	328.6	
2	10	4.741	4.740	0.001	94729733	1.67	131.8- 191.8	175.5	
			Average of Peak Amounts =			1.63			
						RPD = 2.59			

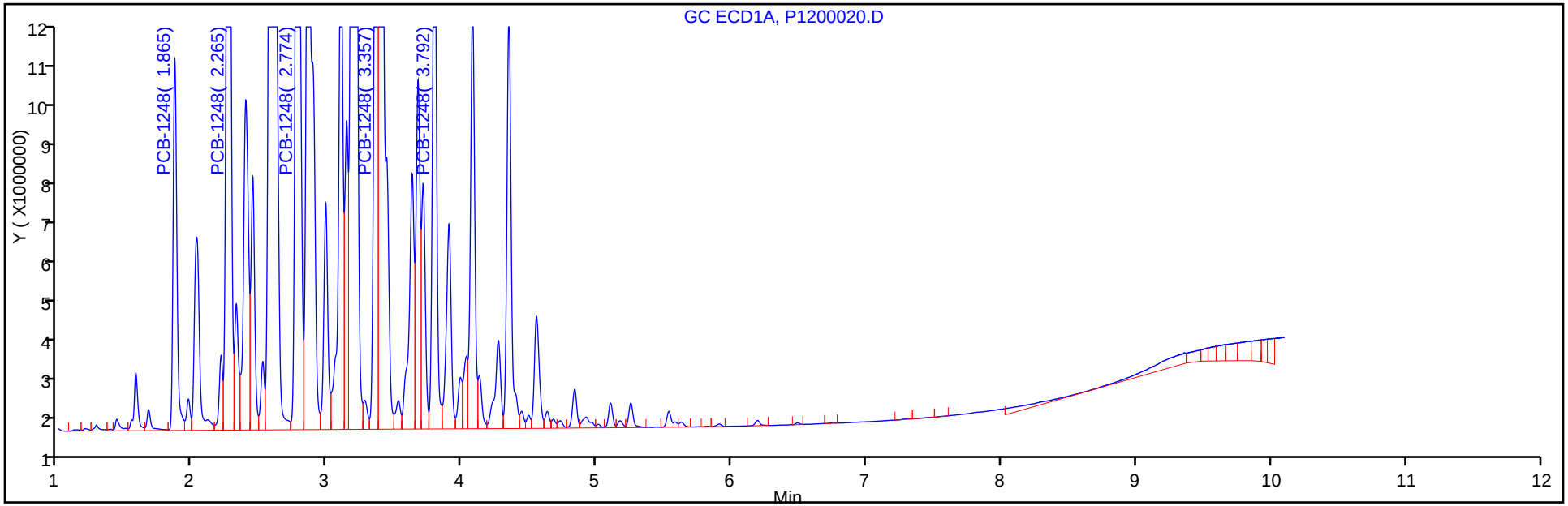
Report Date: 02-Apr-2013 07:00:50 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

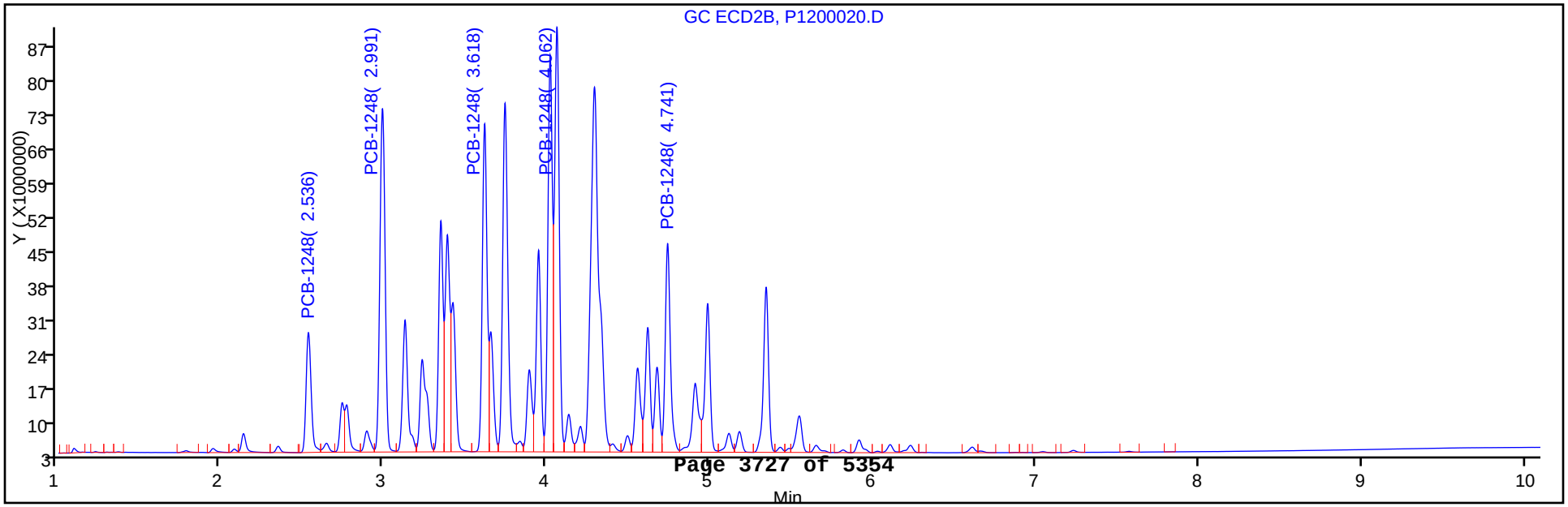
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200020.D

Injection Date:	01-Apr-2013 14:13:39	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	Lims Sample ID:	20
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1 Analy Batch No.: 80043

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/01/2013 14:28 Calibration End Date: 04/01/2013 15:39 Calibration ID: 14296

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-80043/21	P1200021.D
Level 2	STD01 240-80043/22	P1200022.D
Level 3	STD02 240-80043/23	P1200023.D
Level 4	STD05 240-80043/24	P1200024.D
Level 5	STD1 240-80043/25	P1200025.D
Level 6	STD2 240-80043/26	P1200026.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1221 Peak 1	1.433	1.434	1.433	1.434	1.432	1.433					1.383 - 1.483	1.433
PCB-1221 Peak 2	1.544	1.545	1.544	1.546	1.544	1.546					1.494 - 1.594	1.545
PCB-1221 Peak 3	1.575	1.576	1.574	1.576	1.574	1.576					1.525 - 1.625	1.575
PCB-1254 Peak 1	3.404	3.405	3.402	3.404	3.403	3.405					3.354 - 3.454	3.404
PCB-1254 Peak 2	3.792	3.794	3.792	3.792	3.791	3.792					3.742 - 3.842	3.792
PCB-1254 Peak 3	4.075	4.077	4.074	4.074	4.074	4.076					4.025 - 4.125	4.075
PCB-1254 Peak 4	4.269	4.270	4.267	4.267	4.267	4.267					4.219 - 4.319	4.268
PCB-1254 Peak 5	4.550	4.551	4.549	4.551	4.548	4.550					4.500 - 4.600	4.550

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-22648-1 Analy Batch No.: 80043

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/01/2013 14:28 Calibration End Date: 04/01/2013 15:39 Calibration ID: 14296

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-80043/21	P1200021.D
Level 2	STD01 240-80043/22	P1200022.D
Level 3	STD02 240-80043/23	P1200023.D
Level 4	STD05 240-80043/24	P1200024.D
Level 5	STD1 240-80043/25	P1200025.D
Level 6	STD2 240-80043/26	P1200026.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	11501480 8231620	10684030 7747890	9654825	8653500	Ave		9412224.08				16.0		20.0			
PCB-1221 Peak 2	6324580 4759943	5137560 3429100	5704840	4861192	Ave		5036202.50				19.0		20.0			
PCB-1221 Peak 3	27179640 19710865	26777960 19242491	23117735	21181588	Ave		22868379.8				15.0		20.0			
PCB-1254 Peak 1	73840960 50700004	64420330 49937151	58069305	53972582	Ave		58490055.3				16.0		20.0			
PCB-1254 Peak 2	73894780 51552740	68578200 55486218	57789840	54130052	Ave		60238638.3				15.0		20.0			
PCB-1254 Peak 3	56473180 44782354	55540210 45539186	51709600	47963516	Ave		50334674.3				10.0		20.0			
PCB-1254 Peak 4	51799620 38039959	47710340 38003603	43832495	40352954	Ave		43289828.4				13.0		20.0			
PCB-1254 Peak 5	72679720 55001113	67533100 55861558	62654400	58266414	Ave		61999384.1				11.0		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.: 240-22648-1 Analy Batch No.: 80043

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/01/2013 14:28 Calibration End Date: 04/01/2013 15:39 Calibration ID: 14296

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-80043/21	P1200021.D
Level 2	STD01 240-80043/22	P1200022.D
Level 3	STD02 240-80043/23	P1200023.D
Level 4	STD05 240-80043/24	P1200024.D
Level 5	STD1 240-80043/25	P1200025.D
Level 6	STD2 240-80043/26	P1200026.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	575074 15495779	1068403	1930965	4326750	8231620	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1221 Peak 2	Ave	316229 6858200	513756	1140968	2430596	4759943	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1221 Peak 3	Ave	1358982 38484981	2677796	4623547	10590794	19710865	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 1	Ave	3692048 99874301	6442033	11613861	26986291	50700004	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 2	Ave	3694739 110972435	6857820	11557968	27065026	51552740	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 3	Ave	2823659 91078372	5554021	10341920	23981758	44782354	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 4	Ave	2589981 76007205	4771034	8766499	20176477	38039959	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 5	Ave	3633986 111723115	6753310	12530880	29133207	55001113	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\A2HP12\20130401-18420.b\P1200021.D
Lims ID: STD005 AR2154 Client ID:
Inject. Date: 01-Apr-2013 14:28:13 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0018420-021
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 21
Lims Batch ID: 80043 Lims Sample ID: 21
Sublist: chrom-PCB12*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:00:50 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

First Level Reviewer: hassl Date: 02-Apr-2013 06:50:26

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									
1	2	1.433	1.433	0.000	575074	0.0611		100.0	
1	3	1.544	1.544	0.000	316229	0.0628	34.1- 84.1	55.0	
1	4	1.575	1.575	0.000	1358982	0.0594	214.4- 264.4	236.3	
			Average of Peak Amounts =			0.0611			
2	4	1.948	1.948	0.000	1650574	0.0611		100.0	
2	5	2.080	2.080	0.000	1104696	0.0607	38.7- 98.7	66.9	
2	6	2.137	2.137	0.000	3950978	0.0610	210.1- 270.1	239.4	
			Average of Peak Amounts =			0.0610			
						RPD = 0.25			
8 PCB-1254									
1	100	3.404	3.404	0.000	3692048	0.0631		100.0	
1	2	3.792	3.792	0.000	3694739	0.0613	74.5- 124.5	100.1	
1	3	4.075	4.075	0.000	2823659	0.0561	64.0- 114.0	76.5	
1	4	4.269	4.269	0.000	2589981	0.0598	50.5- 100.5	70.2	
1	5	4.550	4.550	0.000	3633986	0.0586	82.9- 132.9	98.4	
			Average of Peak Amounts =			0.0598			
2	6	4.268	4.268	0.000	6500049	0.0578		100.0	
2	7	4.741	4.741	0.000	9728442	0.0559	124.4- 184.4	149.7	
2	8	4.986	4.986	0.000	6929906	0.0564	78.3- 138.3	106.6	
2	9	5.345	5.345	0.000	7972096	0.0560	95.8- 155.8	122.6	
2	10	5.549	5.549	0.000	9344914	0.0556	119.6- 179.6	143.8	
			Average of Peak Amounts =			0.0563			
						RPD = 5.99			

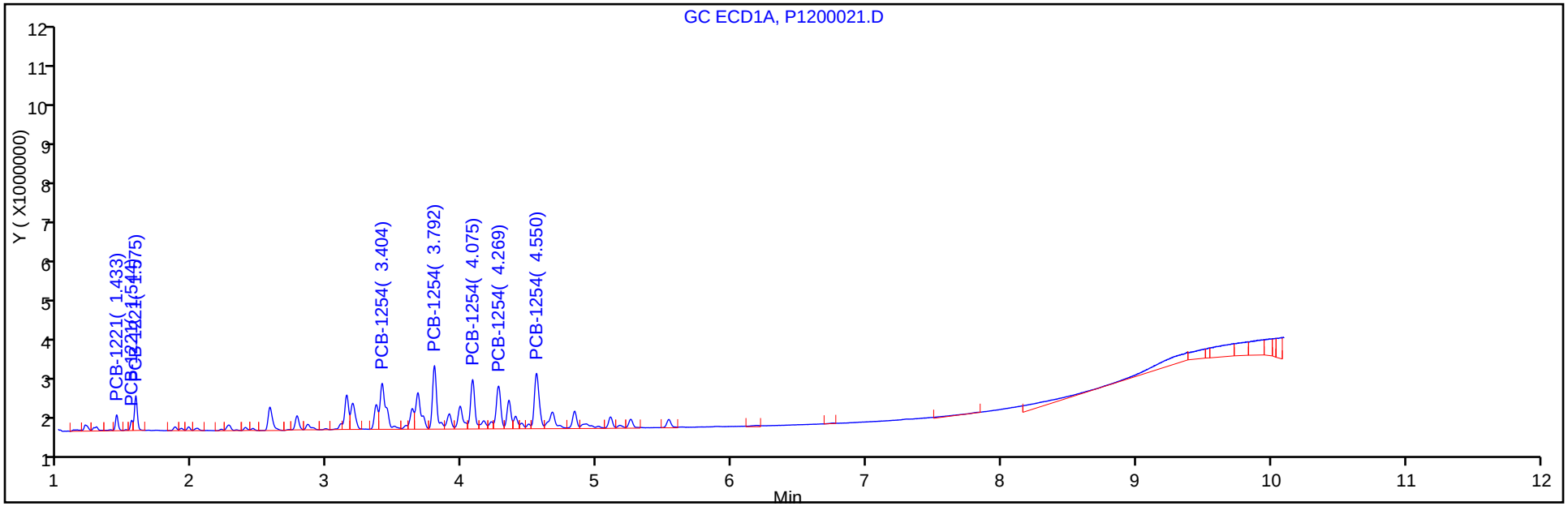
Report Date: 02-Apr-2013 07:00:51 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

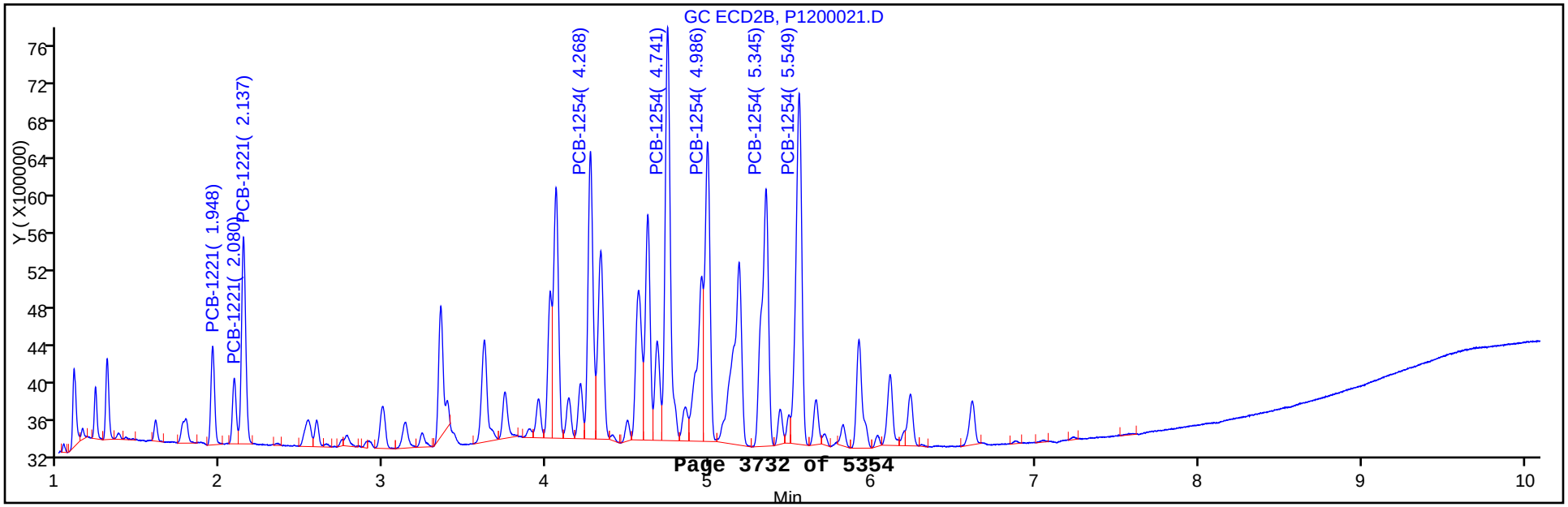
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200021.D

Injection Date:	01-Apr-2013 14:28:13	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200022.D
Lims ID: STD01 AR2154 Client ID:
Inject. Date: 01-Apr-2013 14:42:48 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0018420-022
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 22
Lims Batch ID: 80043 Lims Sample ID: 22
Sublist: chrom-PCB12*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:00:52 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									
1	2	1.434	1.433	0.001	1068403	0.1135		100.0	
1	3	1.545	1.544	0.001	513756	0.1020	34.1- 84.1	48.1	
1	4	1.576	1.575	0.001	2677796	0.1171	214.4- 264.4	250.6	
			Average of Peak Amounts =			0.1109			
2	4	1.949	1.948	0.001	2984288	0.1105		100.0	
2	5	2.081	2.080	0.001	2023259	0.1113	38.7- 98.7	67.8	
2	6	2.138	2.137	0.001	7035874	0.1086	210.1- 270.1	235.8	
			Average of Peak Amounts =			0.1101			
						RPD = 0.67			
8 PCB-1254									
1	100	3.405	3.404	0.001	6442033	0.1101		100.0	
1	2	3.794	3.792	0.002	6857820	0.1138	74.5- 124.5	106.5	
1	3	4.077	4.075	0.002	5554021	0.1103	64.0- 114.0	86.2	
1	4	4.270	4.269	0.001	4771034	0.1102	50.5- 100.5	74.1	
1	5	4.551	4.550	0.001	6753310	0.1089	82.9- 132.9	104.8	
			Average of Peak Amounts =			0.1107			
2	6	4.268	4.268	0.000	12010426	0.1067		100.0	
2	7	4.742	4.741	0.001	17914496	0.1029	124.4- 184.4	149.2	
2	8	4.988	4.986	0.002	12779114	0.1041	78.3- 138.3	106.4	
2	9	5.346	5.345	0.001	14885183	0.1045	95.8- 155.8	123.9	
2	10	5.550	5.549	0.001	17482957	0.1039	119.6- 179.6	145.6	
			Average of Peak Amounts =			0.1044			
						RPD = 5.82			

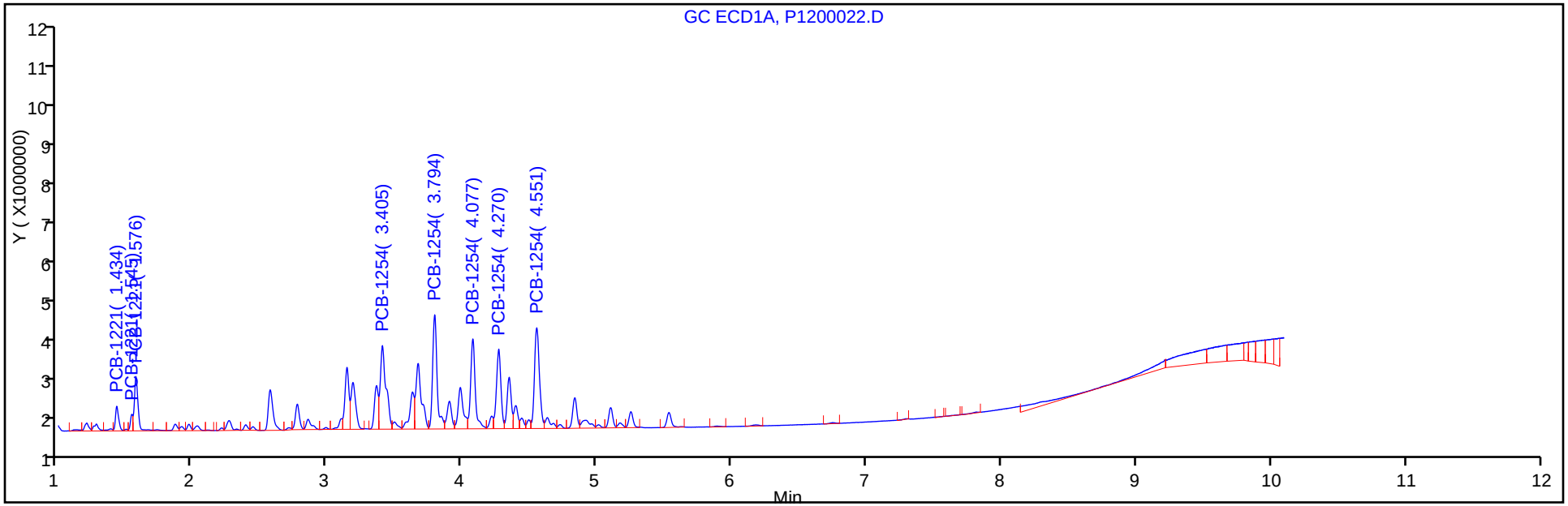
Report Date: 02-Apr-2013 07:00:53 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

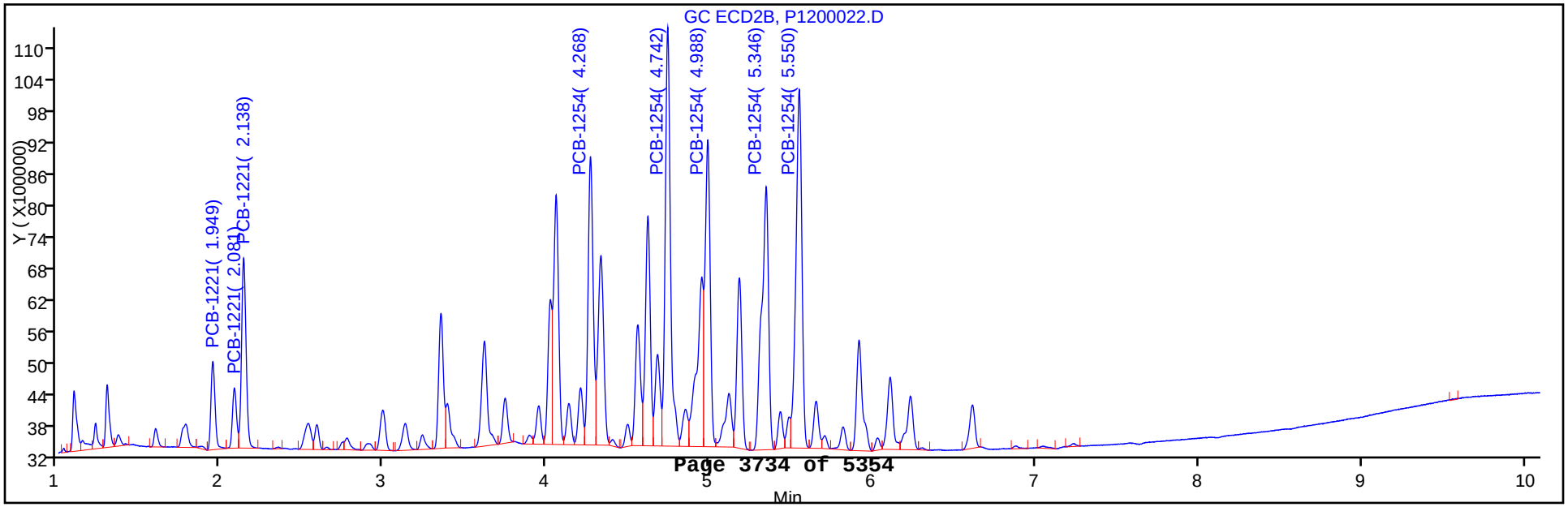
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200022.D

Injection Date:	01-Apr-2013 14:42:48	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200023.D
Lims ID: STD02 AR2154 Client ID:
Inject. Date: 01-Apr-2013 14:56:57 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0018420-023
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 23
Lims Batch ID: 80043 Lims Sample ID: 23
Sublist: chrom-PCB12*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:00:53 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									
1	2	1.433	1.433	0.000	1930965	0.2052		100.0	
1	3	1.544	1.544	0.000	1140968	0.2266	34.1- 84.1	59.1	
1	4	1.574	1.575	-0.001	4623547	0.2022	214.4- 264.4	239.4	
			Average of Peak Amounts =			0.2113			
2	4	1.948	1.948	0.000	5416468	0.2005		100.0	
2	5	2.079	2.080	-0.001	3719594	0.2045	38.7- 98.7	68.7	
2	6	2.136	2.137	-0.001	13006772	0.2008	210.1- 270.1	240.1	
			Average of Peak Amounts =			0.2020			
						RPD = 4.51			
8 PCB-1254									
1	100	3.402	3.404	-0.002	11613861	0.1986		100.0	
1	2	3.792	3.792	0.000	11557968	0.1919	74.5- 124.5	99.5	
1	3	4.074	4.075	-0.001	10341920	0.2055	64.0- 114.0	89.0	
1	4	4.267	4.269	-0.002	8766499	0.2025	50.5- 100.5	75.5	
1	5	4.549	4.550	-0.001	12530880	0.2021	82.9- 132.9	107.9	
			Average of Peak Amounts =			0.2001			
2	6	4.267	4.268	-0.001	22425641	0.1992		100.0	
2	7	4.741	4.741	0.000	34620654	0.1989	124.4- 184.4	154.4	
2	8	4.986	4.986	0.000	24297437	0.1979	78.3- 138.3	108.3	
2	9	5.345	5.345	0.000	28217117	0.1981	95.8- 155.8	125.8	
2	10	5.549	5.549	0.000	33547771	0.1994	119.6- 179.6	149.6	
			Average of Peak Amounts =			0.1987			
						RPD = 0.69			

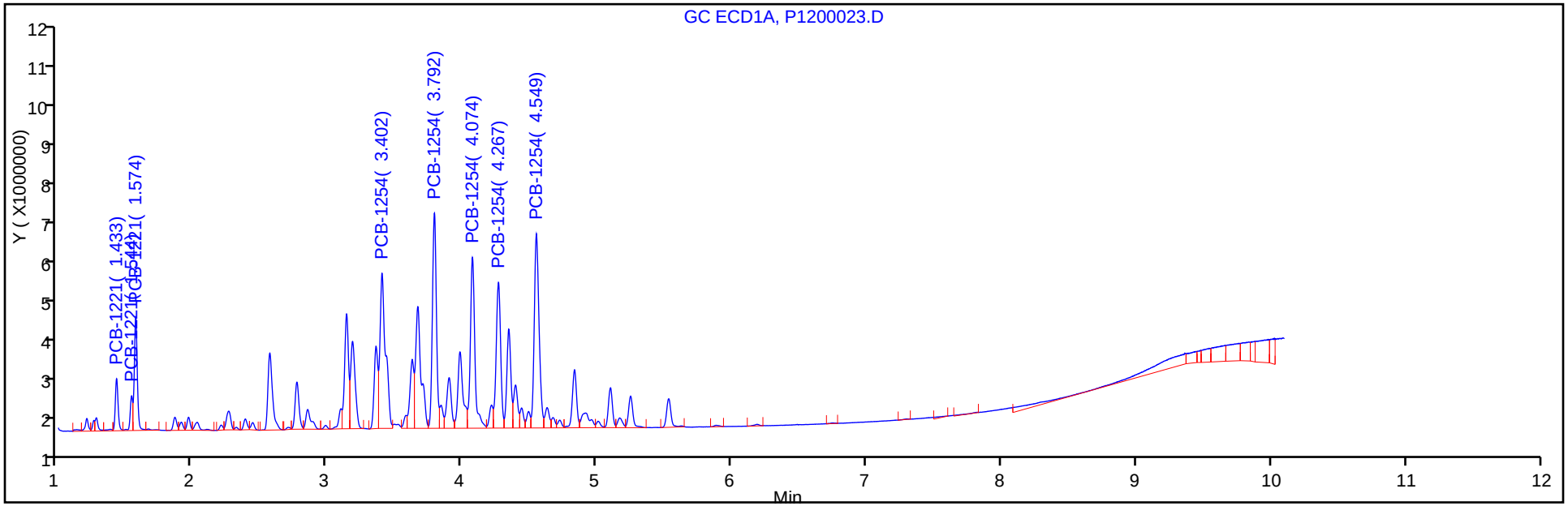
Report Date: 02-Apr-2013 07:00:54 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

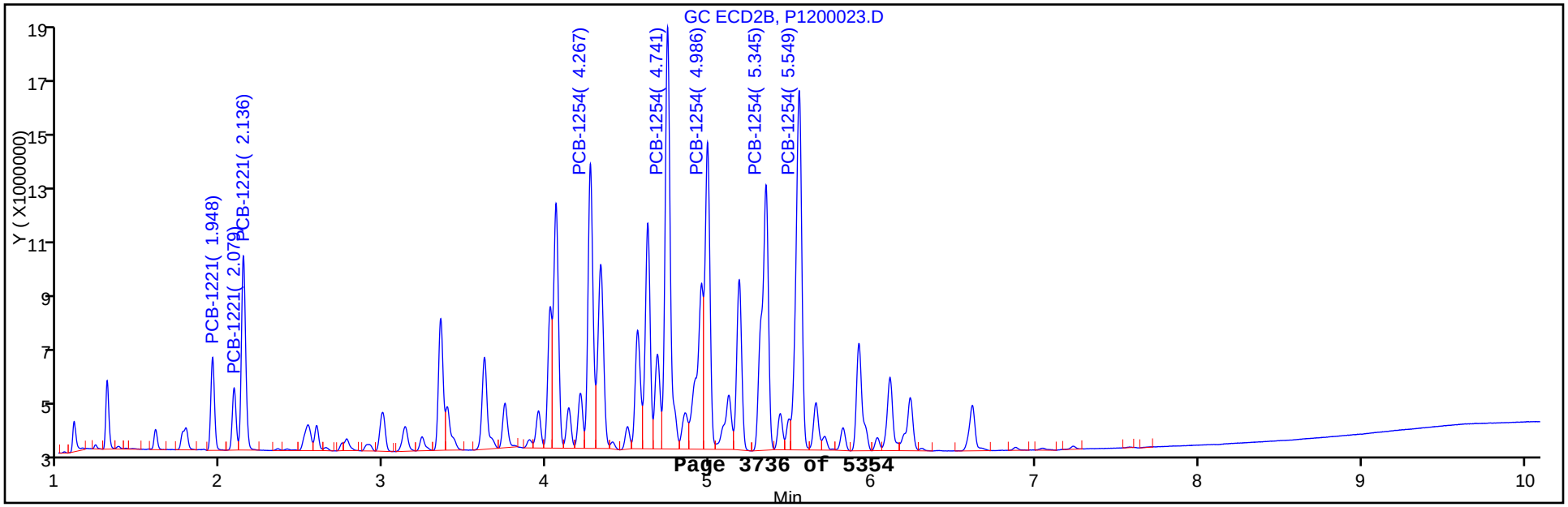
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200023.D

Injection Date:	01-Apr-2013 14:56:57	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200024.D
Lims ID: STD05 AR2154 Client ID:
Inject. Date: 01-Apr-2013 15:11:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0018420-024
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 24
Lims Batch ID: 80043 Lims Sample ID: 24
Sublist: chrom-PCB12*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:00:54 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									
1	2	1.434	1.433	0.001	4326750	0.4597		100.0	
1	3	1.546	1.544	0.002	2430596	0.4826	34.1- 84.1	56.2	
1	4	1.576	1.575	0.001	10590794	0.4631	214.4- 264.4	244.8	
			Average of Peak Amounts =			0.4685			
2	4	1.948	1.948	0.000	13074999	0.4841		100.0	
2	5	2.080	2.080	0.000	8874018	0.4880	38.7- 98.7	67.9	
2	6	2.137	2.137	0.000	31233968	0.4823	210.1- 270.1	238.9	
			Average of Peak Amounts =			0.4848			
						RPD = 3.42			
8 PCB-1254									
1	100	3.404	3.404	0.000	26986291	0.4614		100.0	
1	2	3.792	3.792	0.000	27065026	0.4493	74.5- 124.5	100.3	
1	3	4.074	4.075	-0.001	23981758	0.4764	64.0- 114.0	88.9	
1	4	4.267	4.269	-0.002	20176477	0.4661	50.5- 100.5	74.8	
1	5	4.551	4.550	0.001	29133207	0.4699	82.9- 132.9	108.0	
			Average of Peak Amounts =			0.4646			
2	6	4.268	4.268	0.000	52898085	0.4700		100.0	
2	7	4.741	4.741	0.000	83609361	0.4804	124.4- 184.4	158.1	
2	8	4.987	4.986	0.001	58490691	0.4764	78.3- 138.3	110.6	
2	9	5.346	5.345	0.001	67623627	0.4749	95.8- 155.8	127.8	
2	10	5.550	5.549	0.001	80419485	0.4781	119.6- 179.6	152.0	
			Average of Peak Amounts =			0.4759			
						RPD = 2.41			

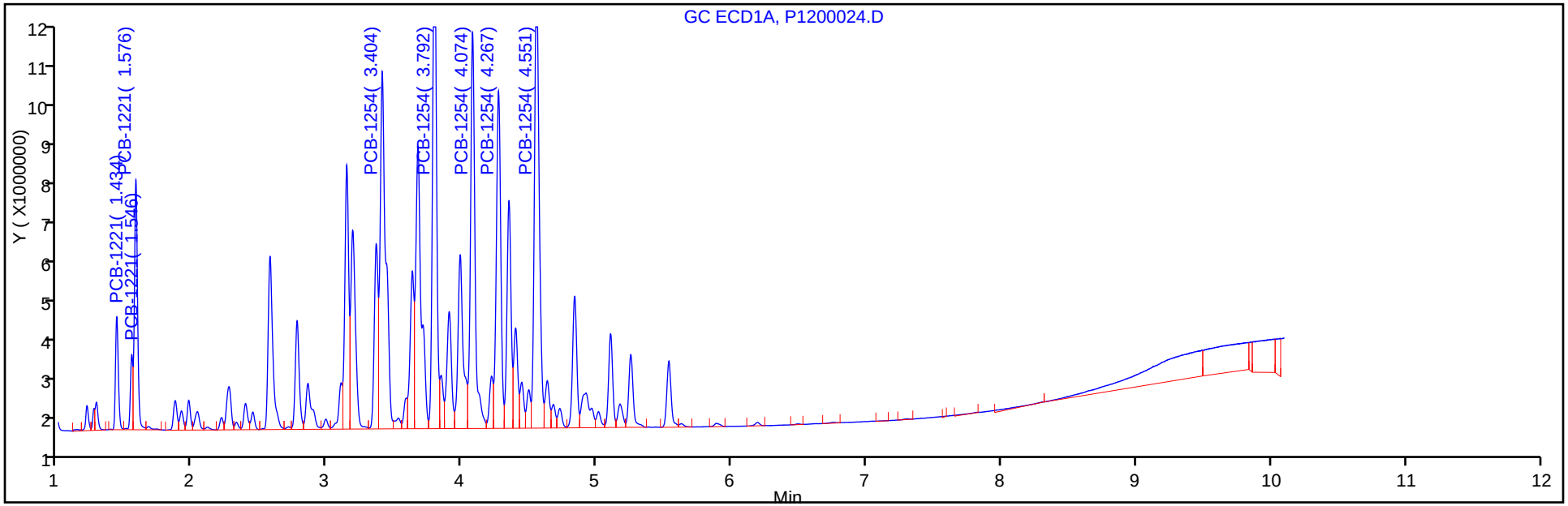
Report Date: 02-Apr-2013 07:00:55 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

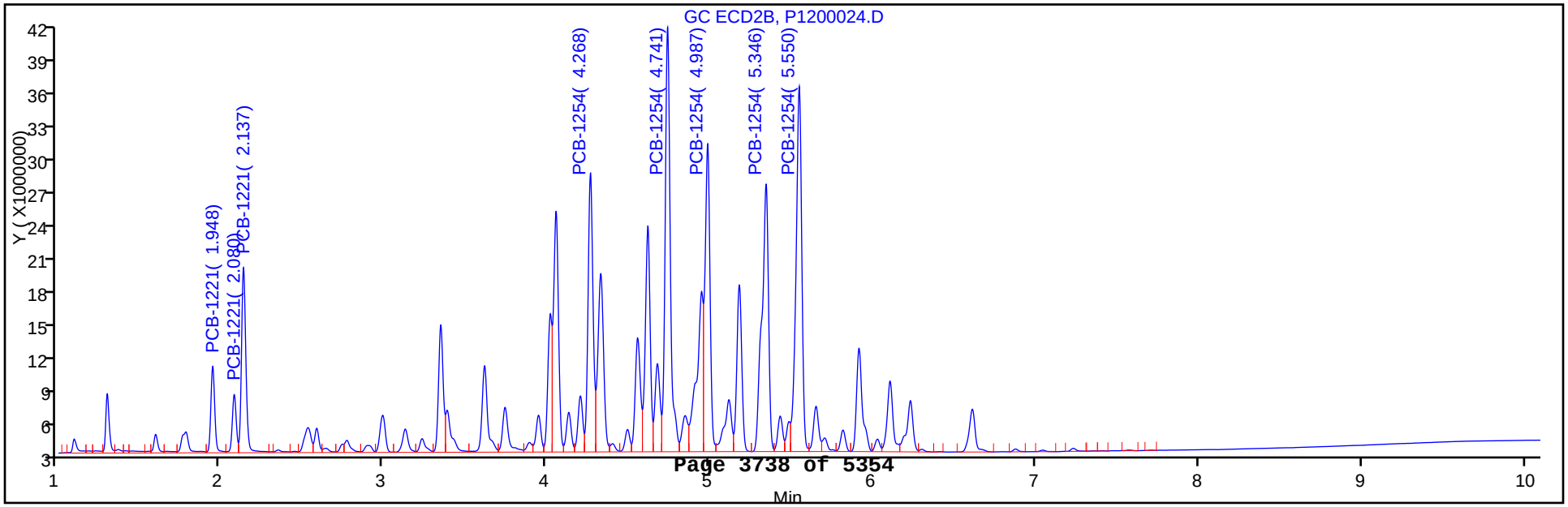
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200024.D

Injection Date:	01-Apr-2013 15:11:30	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200025.D
Lims ID: STD1 AR2154 Client ID:
Inject. Date: 01-Apr-2013 15:25:43 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0018420-025
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 25
Lims Batch ID: 80043 Lims Sample ID: 25
Sublist: chrom-PCB12*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:00:56 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									
1	2	1.432	1.433	-0.001	8231620	0.8746		100.0	
1	3	1.544	1.544	0.000	4759943	0.9451	34.1- 84.1	57.8	
1	4	1.574	1.575	-0.001	19710865	0.8619	214.4- 264.4	239.5	
			Average of Peak Amounts =			0.8939			
2	4	1.947	1.948	-0.001	23864828	0.8835		100.0	
2	5	2.080	2.080	0.000	15943025	0.8767	38.7- 98.7	66.8	
2	6	2.137	2.137	0.000	57806106	0.8926	210.1- 270.1	242.2	
			Average of Peak Amounts =			0.8843			
						RPD = 1.08			
8 PCB-1254									
1	100	3.403	3.404	-0.001	50700004	0.8668		100.0	
1	2	3.791	3.792	-0.001	51552740	0.8558	74.5- 124.5	101.7	
1	3	4.074	4.075	-0.001	44782354	0.8897	64.0- 114.0	88.3	
1	4	4.267	4.269	-0.002	38039959	0.8787	50.5- 100.5	75.0	
1	5	4.548	4.550	-0.002	55001113	0.8871	82.9- 132.9	108.5	
			Average of Peak Amounts =			0.8756			
2	6	4.267	4.268	-0.001	103062164	0.9157		100.0	
2	7	4.741	4.741	0.000	163996198	0.9423	124.4- 184.4	159.1	
2	8	4.987	4.986	0.001	113448835	0.9239	78.3- 138.3	110.1	
2	9	5.346	5.345	0.001	131924802	0.9264	95.8- 155.8	128.0	
2	10	5.550	5.549	0.001	156099207	0.9279	119.6- 179.6	151.5	
			Average of Peak Amounts =			0.9273			
						RPD = 5.73			

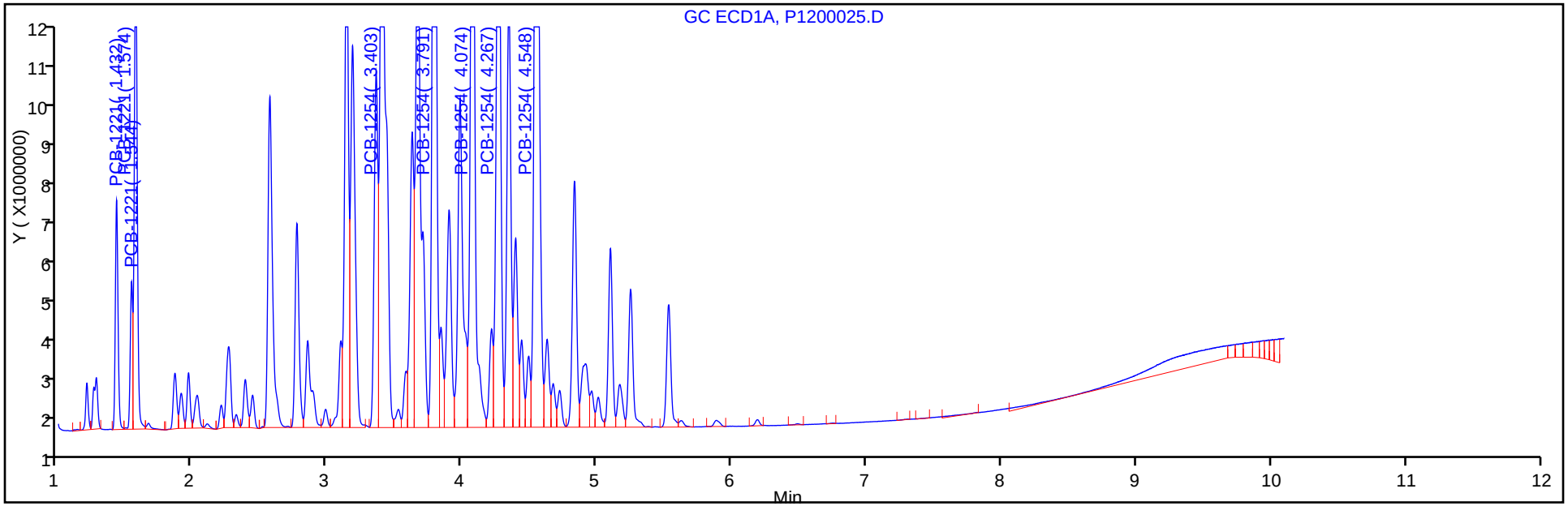
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TestAmerica Canton

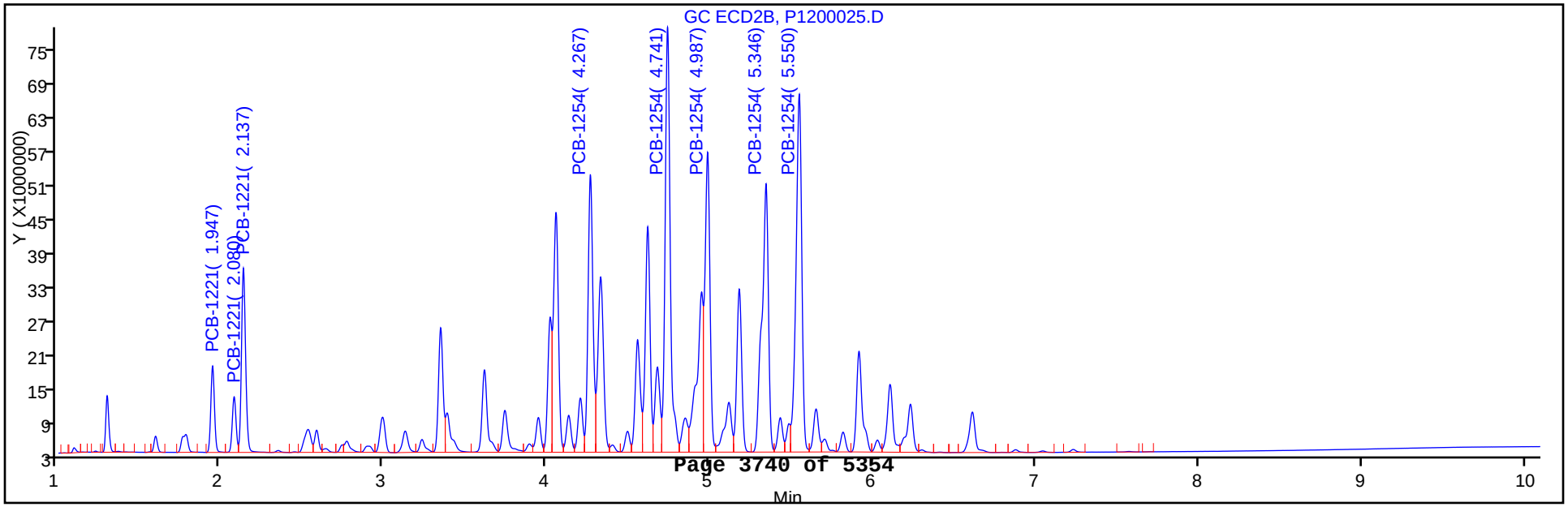
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200025.D

Injection Date:	01-Apr-2013 15:25:43	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200026.D
Lims ID: STD2 AR2154 Client ID:
Inject. Date: 01-Apr-2013 15:39:48 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0018420-026
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 26
Lims Batch ID: 80043 Lims Sample ID: 26
Sublist: chrom-PCB12*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:00:57 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									
1	2	1.433	1.433	0.000	15495779	1.65		100.0	
1	3	1.546	1.544	0.002	6858200	1.36	34.1- 84.1	44.3	
1	4	1.576	1.575	0.001	38484981	1.68	214.4- 264.4	248.4	
			Average of Peak Amounts =			1.56			
2	4	1.949	1.948	0.001	44229767	1.64		100.0	
2	5	2.081	2.080	0.001	28998688	1.59	38.7- 98.7	65.6	
2	6	2.138	2.137	0.001	107732032	1.66	210.1- 270.1	243.6	
			Average of Peak Amounts =			1.63			
						RPD = 4.27			
8 PCB-1254									
1	100	3.405	3.404	0.001	99874301	1.71		100.0	
1	2	3.792	3.792	0.000	110972435	1.84	74.5- 124.5	111.1	
1	3	4.076	4.075	0.001	91078372	1.81	64.0- 114.0	91.2	
1	4	4.267	4.269	-0.002	76007205	1.76	50.5- 100.5	76.1	
1	5	4.550	4.550	0.000	111723115	1.80	82.9- 132.9	111.9	
			Average of Peak Amounts =			1.78			
2	6	4.269	4.268	0.001	208439308	1.85		100.0	
2	7	4.741	4.741	0.000	332436680	1.91	124.4- 184.4	159.5	
2	8	4.988	4.986	0.002	236837156	1.93	78.3- 138.3	113.6	
2	9	5.346	5.345	0.001	275735108	1.94	95.8- 155.8	132.3	
2	10	5.551	5.549	0.002	325866112	1.94	119.6- 179.6	156.3	
			Average of Peak Amounts =			1.91			
						RPD = 7.00			

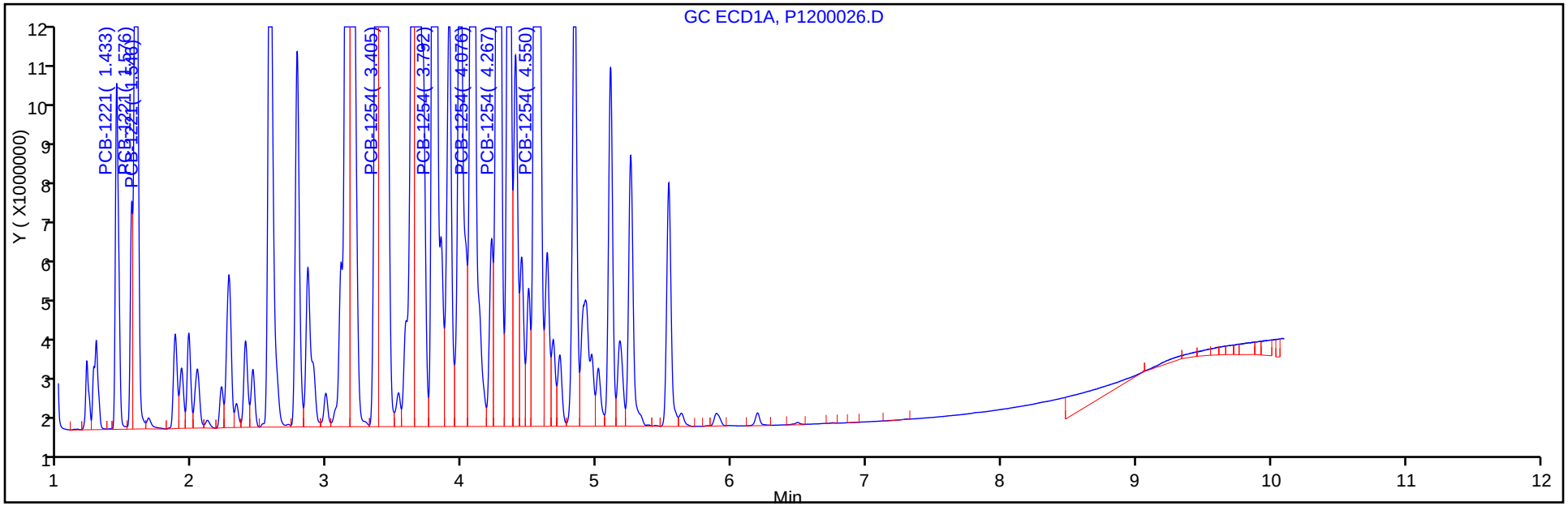
Report Date: 02-Apr-2013 07:00:58 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

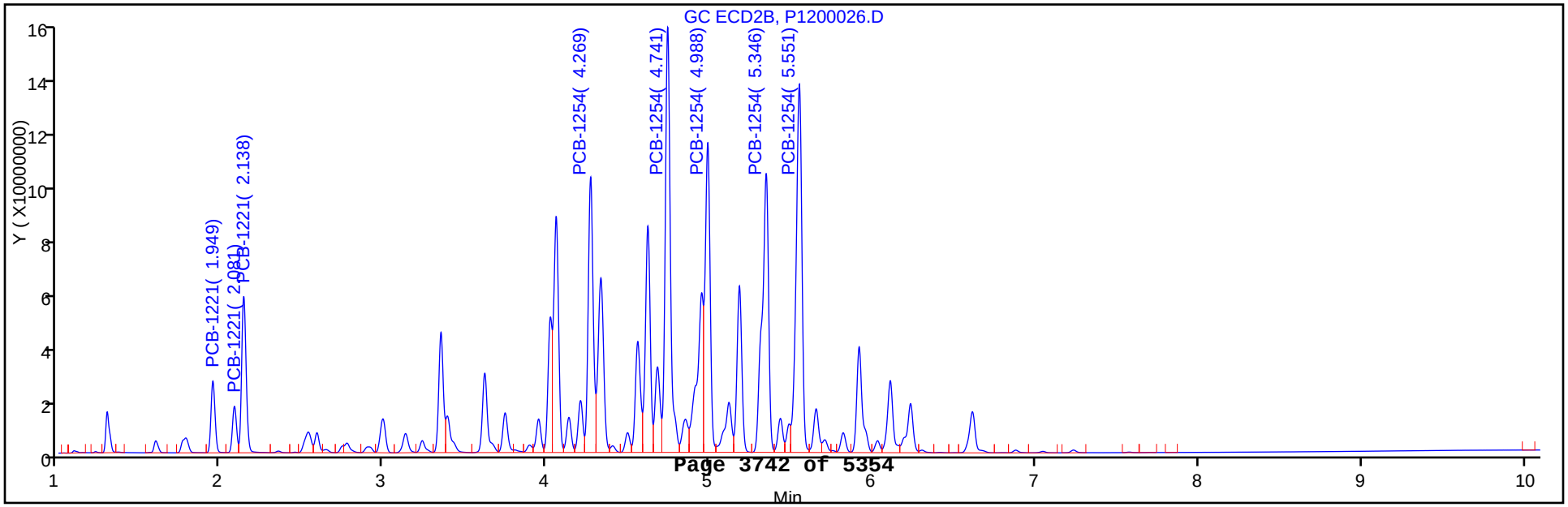
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200026.D

Injection Date:	01-Apr-2013 15:39:48	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	Lims Sample ID:	26
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1 Analy Batch No.: 80043

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/01/2013 14:28 Calibration End Date: 04/01/2013 15:39 Calibration ID: 14297

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-80043/21	P1200021.D
Level 2	STD01 240-80043/22	P1200022.D
Level 3	STD02 240-80043/23	P1200023.D
Level 4	STD05 240-80043/24	P1200024.D
Level 5	STD1 240-80043/25	P1200025.D
Level 6	STD2 240-80043/26	P1200026.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1221 Peak 1	1.948	1.949	1.948	1.948	1.947	1.949					1.898 - 1.998	1.948
PCB-1221 Peak 2	2.080	2.081	2.079	2.080	2.080	2.081					2.030 - 2.130	2.080
PCB-1221 Peak 3	2.137	2.138	2.136	2.137	2.137	2.138					2.087 - 2.187	2.137
PCB-1254 Peak 1	4.268	4.268	4.267	4.268	4.267	4.269					4.218 - 4.318	4.268
PCB-1254 Peak 2	4.741	4.742	4.741	4.741	4.741	4.741					4.691 - 4.791	4.741
PCB-1254 Peak 3	4.986	4.988	4.986	4.987	4.987	4.988					4.936 - 5.036	4.987
PCB-1254 Peak 4	5.345	5.346	5.345	5.346	5.346	5.346					5.295 - 5.395	5.346
PCB-1254 Peak 5	5.549	5.550	5.549	5.550	5.550	5.551					5.499 - 5.599	5.550

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton | Job No.: 240-22648-1 | Analy Batch No.: 80043

SDG No.:

Instrument ID: A2HP12 | GC Column: CLP-2 | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 04/01/2013 14:28 | Calibration End Date: 04/01/2013 15:39 | Calibration ID: 14297

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-80043/21	P1200021.D
Level 2	STD01 240-80043/22	P1200022.D
Level 3	STD02 240-80043/23	P1200023.D
Level 4	STD05 240-80043/24	P1200024.D
Level 5	STD1 240-80043/25	P1200025.D
Level 6	STD2 240-80043/26	P1200026.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	33011480 23864828	29842880 22114884	27082340	26149998	Ave		27011068.3				15.0		20.0			
PCB-1221 Peak 2	22093920 15943025	20232590 14499344	18597970	17748036	Ave		18185814.2				15.0		20.0			
PCB-1221 Peak 3	79019560 57806106	70358740 53866016	65033860	62467936	Ave		64758703.0				14.0		20.0			
PCB-1254 Peak 1	130000980 103062164	120104260 104219654	112128205	105796170	Ave		112551906				9.5		20.0			
PCB-1254 Peak 2	194568840 163996198	179144960 166218340	173103270	167218722	Ave		174041722				6.6		20.0			
PCB-1254 Peak 3	138598120 113448835	127791140 118418578	121487185	116981382	Ave		122787540				7.4		20.0			
PCB-1254 Peak 4	159441920 131924802	148851830 137867554	141085585	135247254	Ave		142403158				7.1		20.0			
PCB-1254 Peak 5	186898280 156099207	174829570 162933056	167738855	160838970	Ave		168222990				6.6		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.: 240-22648-1 Analy Batch No.: 80043

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/01/2013 14:28 Calibration End Date: 04/01/2013 15:39 Calibration ID: 14297

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-80043/21	P1200021.D
Level 2	STD01 240-80043/22	P1200022.D
Level 3	STD02 240-80043/23	P1200023.D
Level 4	STD05 240-80043/24	P1200024.D
Level 5	STD1 240-80043/25	P1200025.D
Level 6	STD2 240-80043/26	P1200026.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	1650574 44229767	2984288	5416468	13074999	23864828	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1221 Peak 2	Ave	1104696 28998688	2023259	3719594	8874018	15943025	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1221 Peak 3	Ave	3950978 107732032	7035874	13006772	31233968	57806106	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 1	Ave	6500049 208439308	12010426	22425641	52898085	103062164	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 2	Ave	9728442 332436680	17914496	34620654	83609361	163996198	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 3	Ave	6929906 236837156	12779114	24297437	58490691	113448835	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 4	Ave	7972096 275735108	14885183	28217117	67623627	131924802	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 5	Ave	9344914 325866112	17482957	33547771	80419485	156099207	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\A2HP12\20130401-18420.b\P1200021.D
Lims ID: STD005 AR2154 Client ID:
Inject. Date: 01-Apr-2013 14:28:13 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0018420-021
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 21
Lims Batch ID: 80043 Lims Sample ID: 21
Sublist: chrom-PCB12*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:00:50 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

First Level Reviewer: hassl Date: 02-Apr-2013 06:50:26

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									
1	2	1.433	1.433	0.000	575074	0.0611		100.0	
1	3	1.544	1.544	0.000	316229	0.0628	34.1- 84.1	55.0	
1	4	1.575	1.575	0.000	1358982	0.0594	214.4- 264.4	236.3	
			Average of Peak Amounts =			0.0611			
2	4	1.948	1.948	0.000	1650574	0.0611		100.0	
2	5	2.080	2.080	0.000	1104696	0.0607	38.7- 98.7	66.9	
2	6	2.137	2.137	0.000	3950978	0.0610	210.1- 270.1	239.4	
			Average of Peak Amounts =			0.0610			
						RPD = 0.25			
8 PCB-1254									
1	100	3.404	3.404	0.000	3692048	0.0631		100.0	
1	2	3.792	3.792	0.000	3694739	0.0613	74.5- 124.5	100.1	
1	3	4.075	4.075	0.000	2823659	0.0561	64.0- 114.0	76.5	
1	4	4.269	4.269	0.000	2589981	0.0598	50.5- 100.5	70.2	
1	5	4.550	4.550	0.000	3633986	0.0586	82.9- 132.9	98.4	
			Average of Peak Amounts =			0.0598			
2	6	4.268	4.268	0.000	6500049	0.0578		100.0	
2	7	4.741	4.741	0.000	9728442	0.0559	124.4- 184.4	149.7	
2	8	4.986	4.986	0.000	6929906	0.0564	78.3- 138.3	106.6	
2	9	5.345	5.345	0.000	7972096	0.0560	95.8- 155.8	122.6	
2	10	5.549	5.549	0.000	9344914	0.0556	119.6- 179.6	143.8	
			Average of Peak Amounts =			0.0563			
						RPD = 5.99			

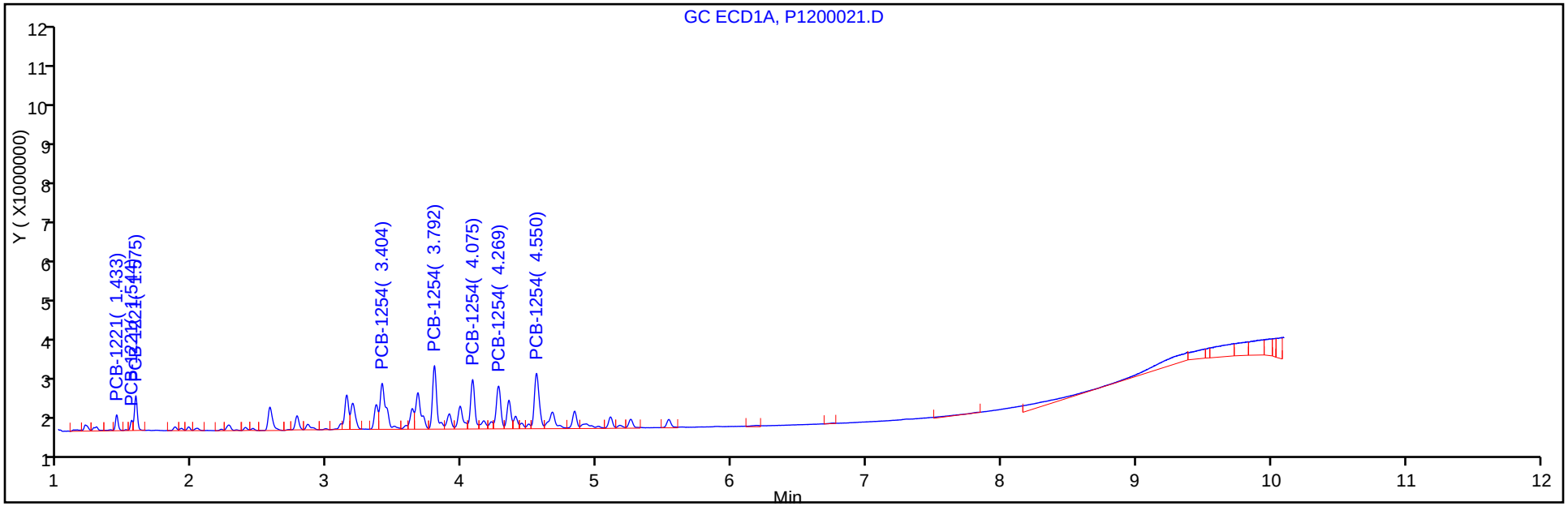
Report Date: 02-Apr-2013 07:00:51 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

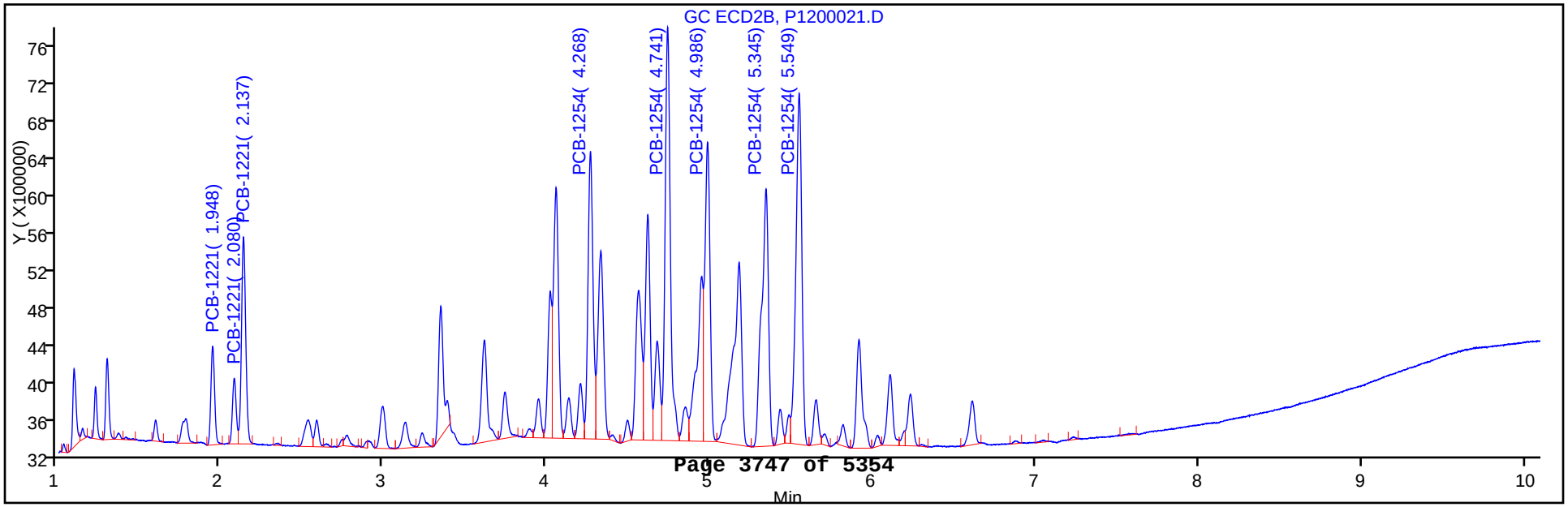
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200021.D

Injection Date:	01-Apr-2013 14:28:13	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200022.D
Lims ID: STD01 AR2154 Client ID:
Inject. Date: 01-Apr-2013 14:42:48 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0018420-022
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 22
Lims Batch ID: 80043 Lims Sample ID: 22
Sublist: chrom-PCB12*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:00:52 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									
1	2	1.434	1.433	0.001	1068403	0.1135		100.0	
1	3	1.545	1.544	0.001	513756	0.1020	34.1- 84.1	48.1	
1	4	1.576	1.575	0.001	2677796	0.1171	214.4- 264.4	250.6	
			Average of Peak Amounts =			0.1109			
2	4	1.949	1.948	0.001	2984288	0.1105		100.0	
2	5	2.081	2.080	0.001	2023259	0.1113	38.7- 98.7	67.8	
2	6	2.138	2.137	0.001	7035874	0.1086	210.1- 270.1	235.8	
			Average of Peak Amounts =			0.1101			
						RPD = 0.67			
8 PCB-1254									
1	100	3.405	3.404	0.001	6442033	0.1101		100.0	
1	2	3.794	3.792	0.002	6857820	0.1138	74.5- 124.5	106.5	
1	3	4.077	4.075	0.002	5554021	0.1103	64.0- 114.0	86.2	
1	4	4.270	4.269	0.001	4771034	0.1102	50.5- 100.5	74.1	
1	5	4.551	4.550	0.001	6753310	0.1089	82.9- 132.9	104.8	
			Average of Peak Amounts =			0.1107			
2	6	4.268	4.268	0.000	12010426	0.1067		100.0	
2	7	4.742	4.741	0.001	17914496	0.1029	124.4- 184.4	149.2	
2	8	4.988	4.986	0.002	12779114	0.1041	78.3- 138.3	106.4	
2	9	5.346	5.345	0.001	14885183	0.1045	95.8- 155.8	123.9	
2	10	5.550	5.549	0.001	17482957	0.1039	119.6- 179.6	145.6	
			Average of Peak Amounts =			0.1044			
						RPD = 5.82			

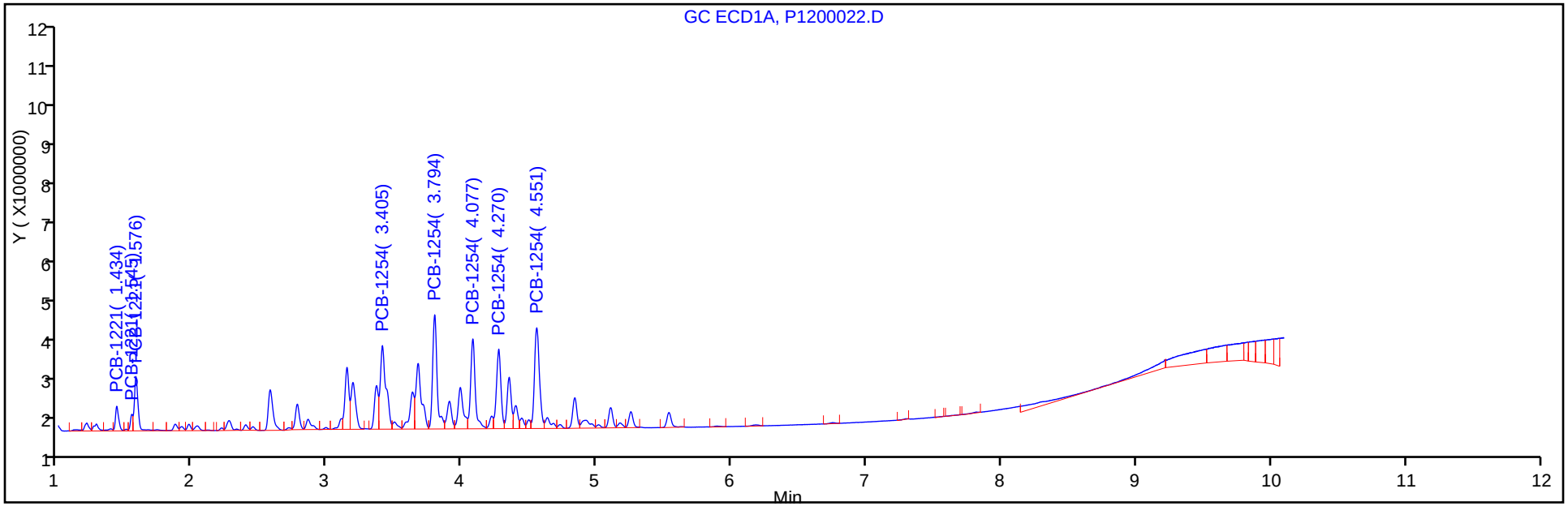
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TestAmerica Canton

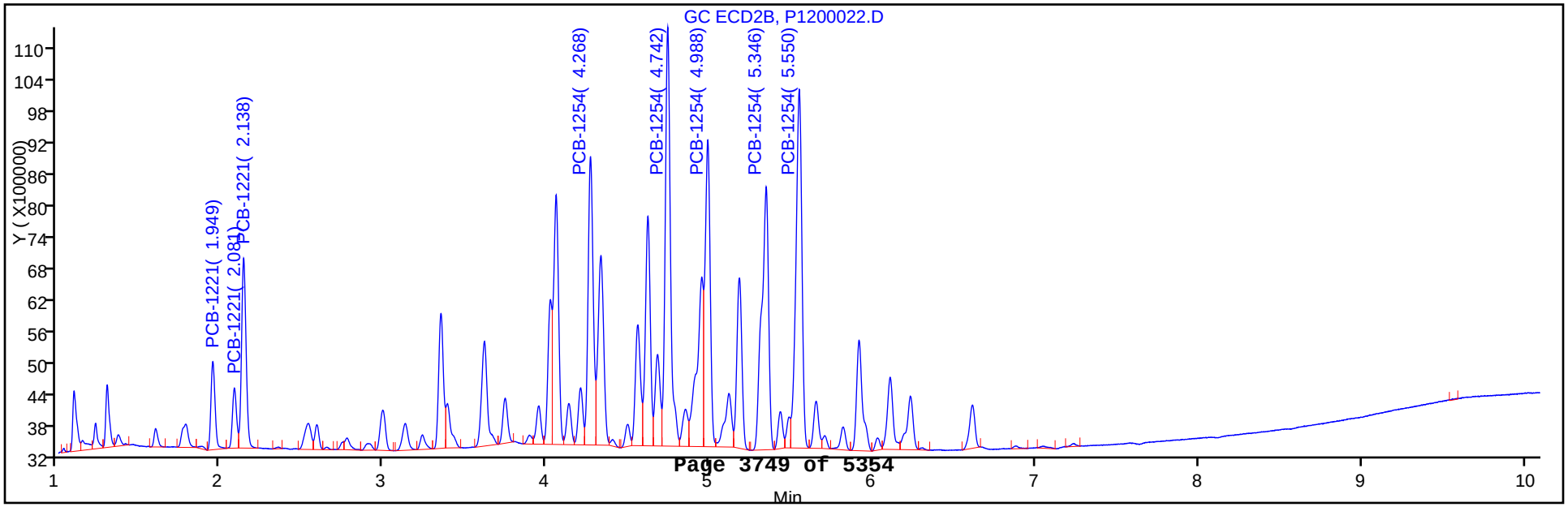
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Injection Date:	01-Apr-2013 14:42:48	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200023.D
Lims ID: STD02 AR2154 Client ID:
Inject. Date: 01-Apr-2013 14:56:57 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0018420-023
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 23
Lims Batch ID: 80043 Lims Sample ID: 23
Sublist: chrom-PCB12*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:00:53 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									
1	2	1.433	1.433	0.000	1930965	0.2052		100.0	
1	3	1.544	1.544	0.000	1140968	0.2266	34.1- 84.1	59.1	
1	4	1.574	1.575	-0.001	4623547	0.2022	214.4- 264.4	239.4	
			Average of Peak Amounts =			0.2113			
2	4	1.948	1.948	0.000	5416468	0.2005		100.0	
2	5	2.079	2.080	-0.001	3719594	0.2045	38.7- 98.7	68.7	
2	6	2.136	2.137	-0.001	13006772	0.2008	210.1- 270.1	240.1	
			Average of Peak Amounts =			0.2020			
						RPD = 4.51			
8 PCB-1254									
1	100	3.402	3.404	-0.002	11613861	0.1986		100.0	
1	2	3.792	3.792	0.000	11557968	0.1919	74.5- 124.5	99.5	
1	3	4.074	4.075	-0.001	10341920	0.2055	64.0- 114.0	89.0	
1	4	4.267	4.269	-0.002	8766499	0.2025	50.5- 100.5	75.5	
1	5	4.549	4.550	-0.001	12530880	0.2021	82.9- 132.9	107.9	
			Average of Peak Amounts =			0.2001			
2	6	4.267	4.268	-0.001	22425641	0.1992		100.0	
2	7	4.741	4.741	0.000	34620654	0.1989	124.4- 184.4	154.4	
2	8	4.986	4.986	0.000	24297437	0.1979	78.3- 138.3	108.3	
2	9	5.345	5.345	0.000	28217117	0.1981	95.8- 155.8	125.8	
2	10	5.549	5.549	0.000	33547771	0.1994	119.6- 179.6	149.6	
			Average of Peak Amounts =			0.1987			
						RPD = 0.69			

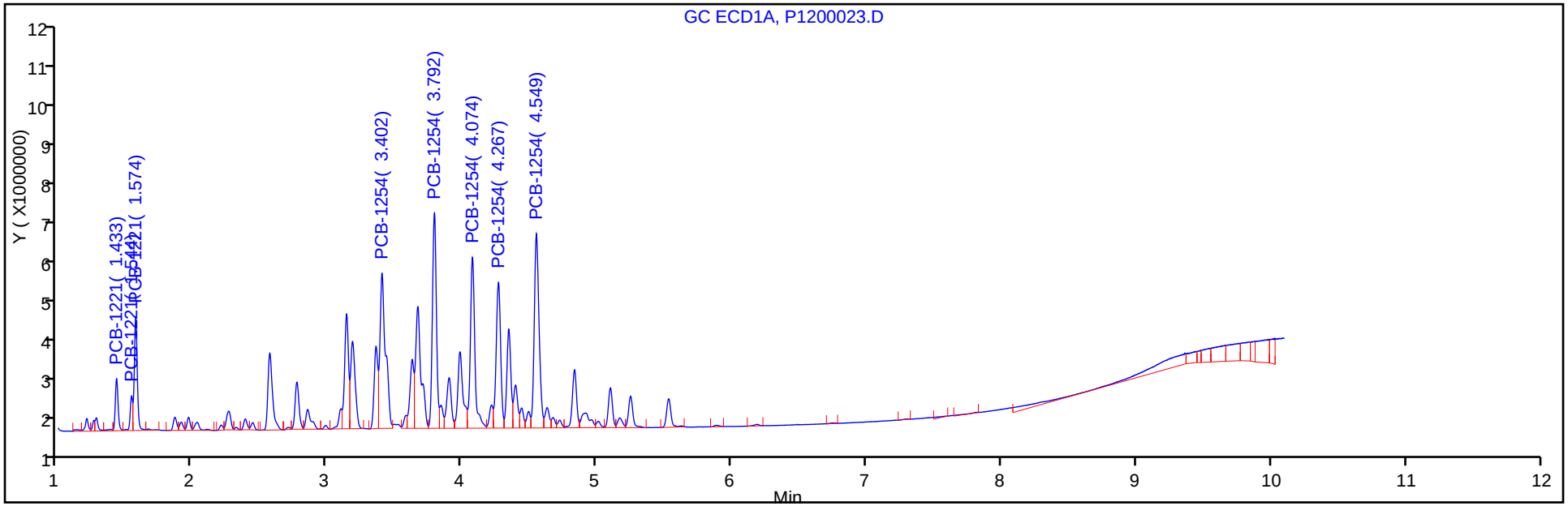
Report Date: 02-Apr-2013 07:00:54 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

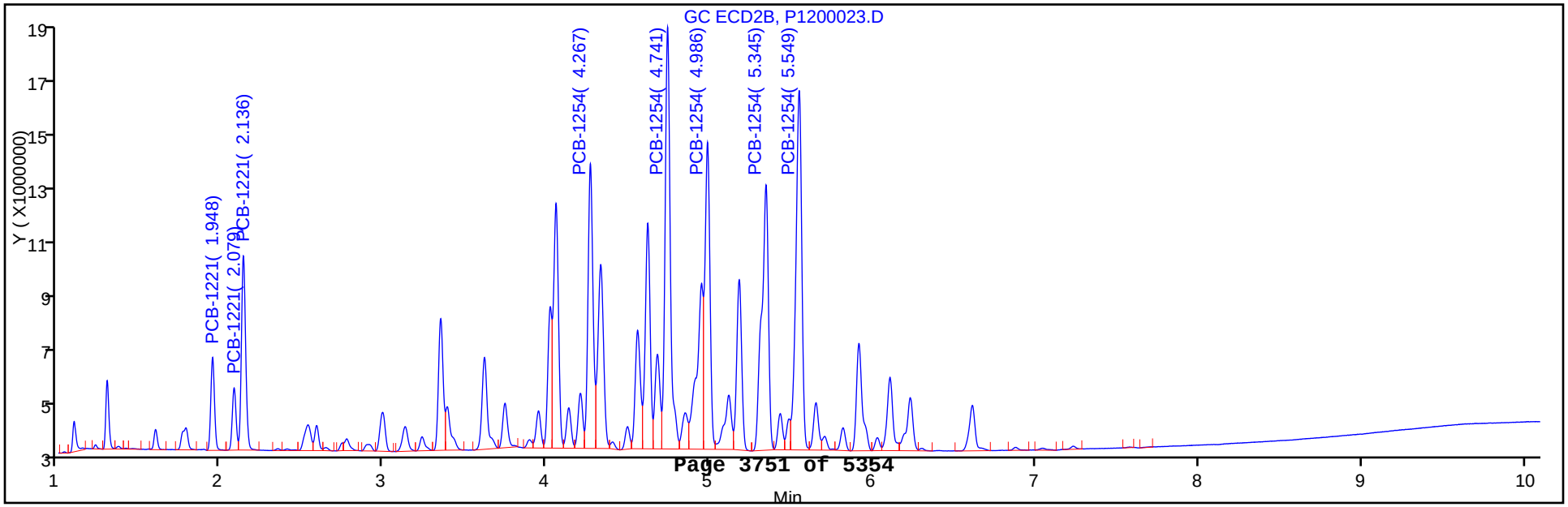
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200023.D

Injection Date:	01-Apr-2013 14:56:57	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200024.D
Lims ID: STD05 AR2154 Client ID:
Inject. Date: 01-Apr-2013 15:11:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0018420-024
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 24
Lims Batch ID: 80043 Lims Sample ID: 24
Sublist: chrom-PCB12*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:00:54 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									
1	2	1.434	1.433	0.001	4326750	0.4597		100.0	
1	3	1.546	1.544	0.002	2430596	0.4826	34.1- 84.1	56.2	
1	4	1.576	1.575	0.001	10590794	0.4631	214.4- 264.4	244.8	
			Average of Peak Amounts =			0.4685			
2	4	1.948	1.948	0.000	13074999	0.4841		100.0	
2	5	2.080	2.080	0.000	8874018	0.4880	38.7- 98.7	67.9	
2	6	2.137	2.137	0.000	31233968	0.4823	210.1- 270.1	238.9	
			Average of Peak Amounts =			0.4848			
						RPD = 3.42			
8 PCB-1254									
1	100	3.404	3.404	0.000	26986291	0.4614		100.0	
1	2	3.792	3.792	0.000	27065026	0.4493	74.5- 124.5	100.3	
1	3	4.074	4.075	-0.001	23981758	0.4764	64.0- 114.0	88.9	
1	4	4.267	4.269	-0.002	20176477	0.4661	50.5- 100.5	74.8	
1	5	4.551	4.550	0.001	29133207	0.4699	82.9- 132.9	108.0	
			Average of Peak Amounts =			0.4646			
2	6	4.268	4.268	0.000	52898085	0.4700		100.0	
2	7	4.741	4.741	0.000	83609361	0.4804	124.4- 184.4	158.1	
2	8	4.987	4.986	0.001	58490691	0.4764	78.3- 138.3	110.6	
2	9	5.346	5.345	0.001	67623627	0.4749	95.8- 155.8	127.8	
2	10	5.550	5.549	0.001	80419485	0.4781	119.6- 179.6	152.0	
			Average of Peak Amounts =			0.4759			
						RPD = 2.41			

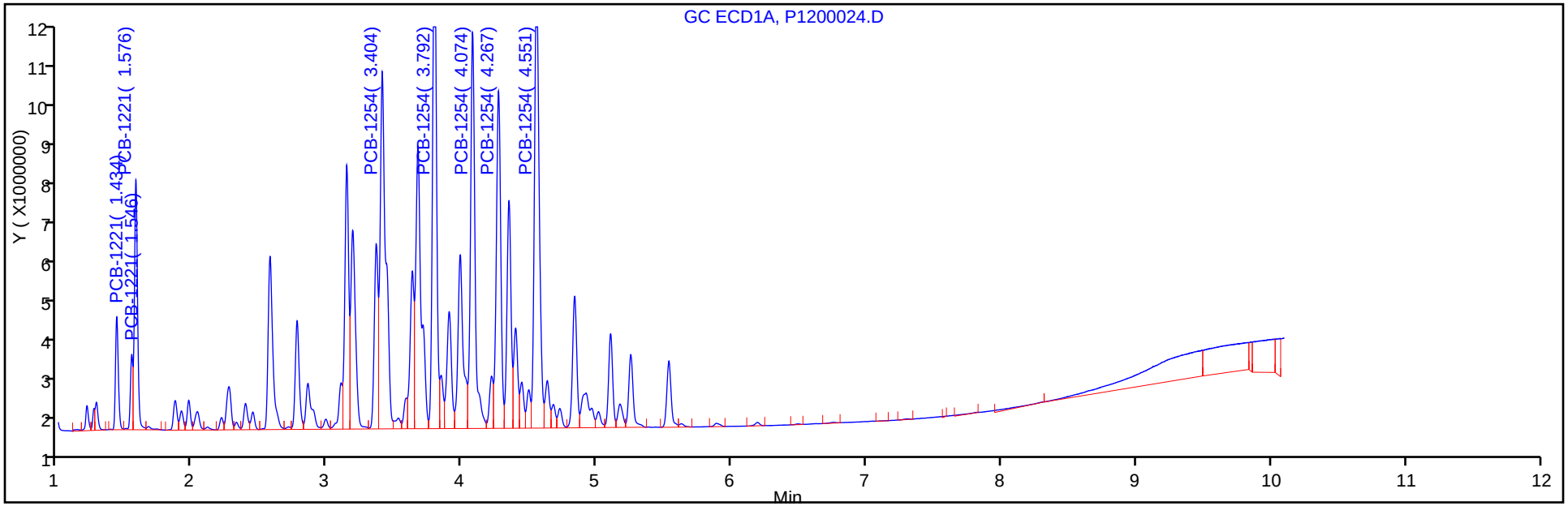
Report Date: 02-Apr-2013 07:00:55 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

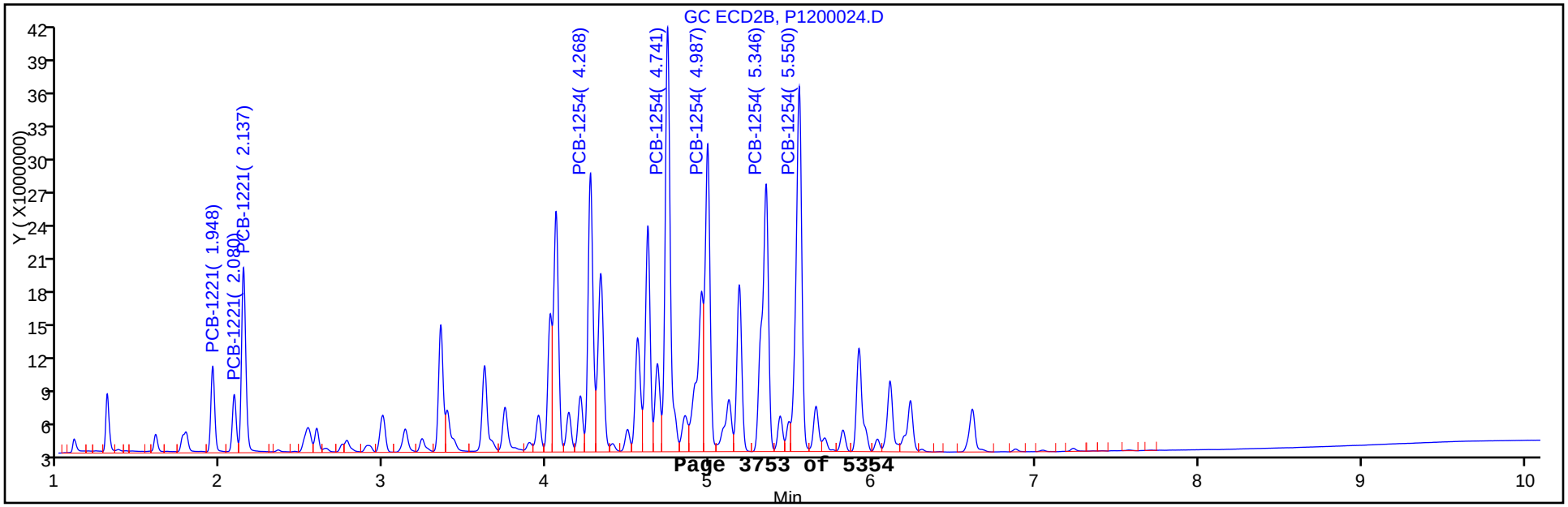
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200024.D

Injection Date:	01-Apr-2013 15:11:30	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200025.D
Lims ID: STD1 AR2154 Client ID:
Inject. Date: 01-Apr-2013 15:25:43 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0018420-025
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 25
Lims Batch ID: 80043 Lims Sample ID: 25
Sublist: chrom-PCB12*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:00:56 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									
1	2	1.432	1.433	-0.001	8231620	0.8746		100.0	
1	3	1.544	1.544	0.000	4759943	0.9451	34.1- 84.1	57.8	
1	4	1.574	1.575	-0.001	19710865	0.8619	214.4- 264.4	239.5	
			Average of Peak Amounts =			0.8939			
2	4	1.947	1.948	-0.001	23864828	0.8835		100.0	
2	5	2.080	2.080	0.000	15943025	0.8767	38.7- 98.7	66.8	
2	6	2.137	2.137	0.000	57806106	0.8926	210.1- 270.1	242.2	
			Average of Peak Amounts =			0.8843			
						RPD = 1.08			
8 PCB-1254									
1	100	3.403	3.404	-0.001	50700004	0.8668		100.0	
1	2	3.791	3.792	-0.001	51552740	0.8558	74.5- 124.5	101.7	
1	3	4.074	4.075	-0.001	44782354	0.8897	64.0- 114.0	88.3	
1	4	4.267	4.269	-0.002	38039959	0.8787	50.5- 100.5	75.0	
1	5	4.548	4.550	-0.002	55001113	0.8871	82.9- 132.9	108.5	
			Average of Peak Amounts =			0.8756			
2	6	4.267	4.268	-0.001	103062164	0.9157		100.0	
2	7	4.741	4.741	0.000	163996198	0.9423	124.4- 184.4	159.1	
2	8	4.987	4.986	0.001	113448835	0.9239	78.3- 138.3	110.1	
2	9	5.346	5.345	0.001	131924802	0.9264	95.8- 155.8	128.0	
2	10	5.550	5.549	0.001	156099207	0.9279	119.6- 179.6	151.5	
			Average of Peak Amounts =			0.9273			
						RPD = 5.73			

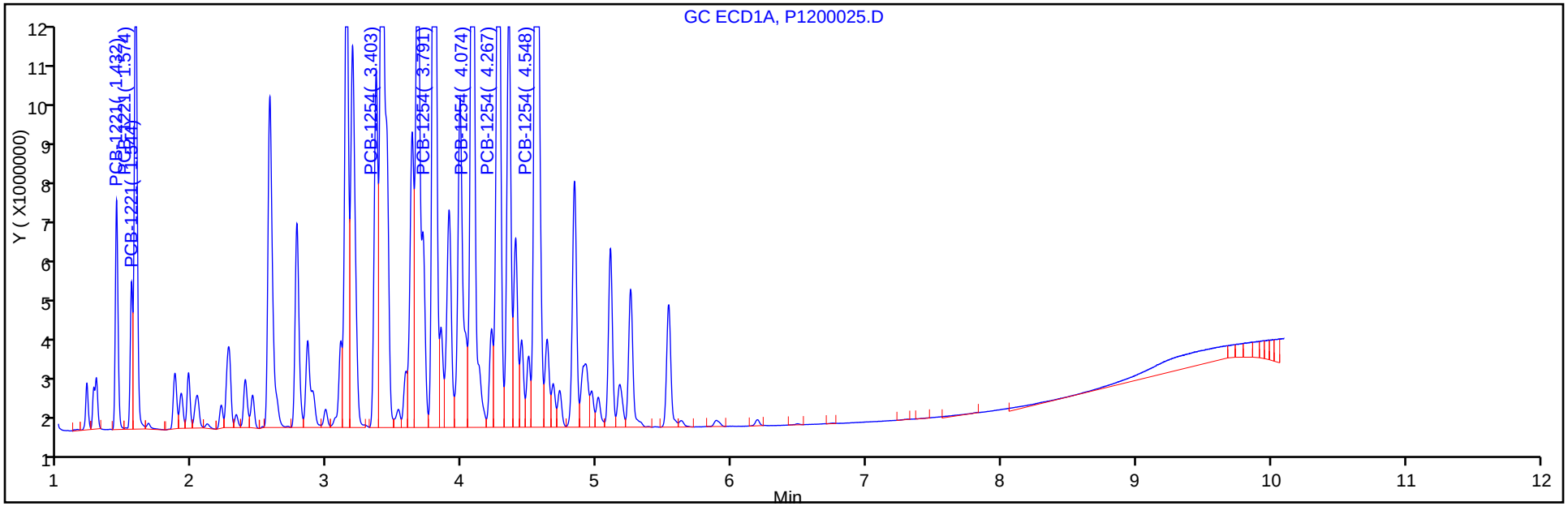
Report Date: 02-Apr-2013 07:00:57 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

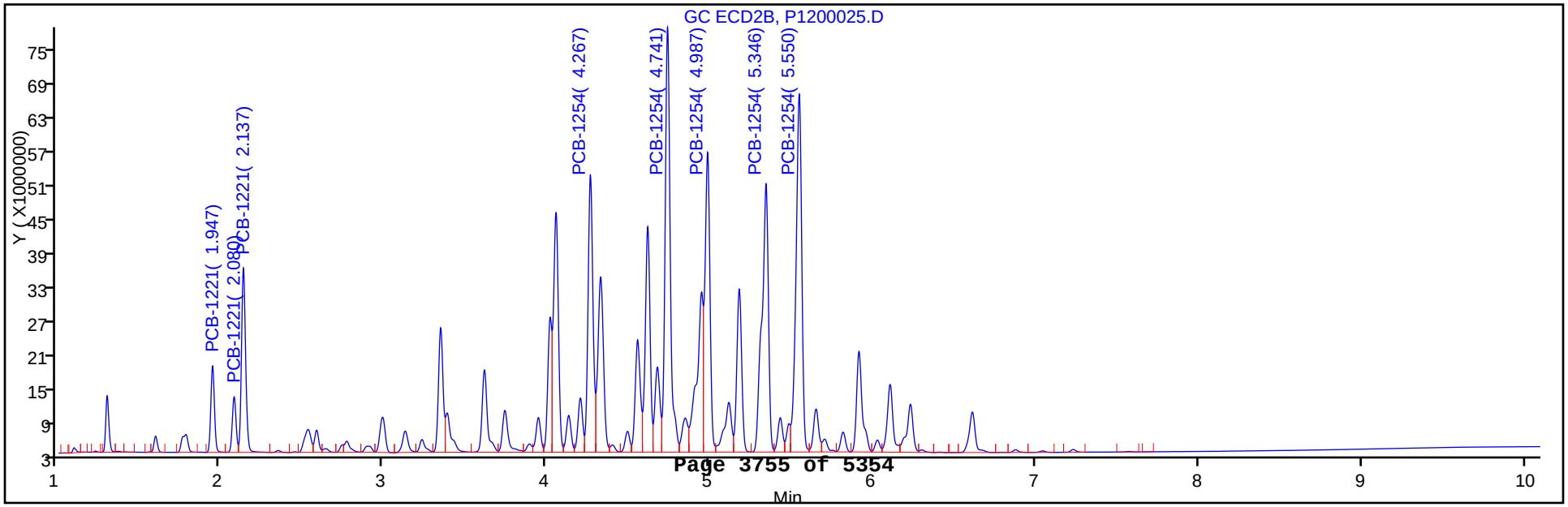
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200025.D

Injection Date:	01-Apr-2013 15:25:43	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200026.D
Lims ID: STD2 AR2154 Client ID:
Inject. Date: 01-Apr-2013 15:39:48 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0018420-026
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 26
Lims Batch ID: 80043 Lims Sample ID: 26
Sublist: chrom-PCB12*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:00:57 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									
1	2	1.433	1.433	0.000	15495779	1.65		100.0	
1	3	1.546	1.544	0.002	6858200	1.36	34.1- 84.1	44.3	
1	4	1.576	1.575	0.001	38484981	1.68	214.4- 264.4	248.4	
			Average of Peak Amounts =			1.56			
2	4	1.949	1.948	0.001	44229767	1.64		100.0	
2	5	2.081	2.080	0.001	28998688	1.59	38.7- 98.7	65.6	
2	6	2.138	2.137	0.001	107732032	1.66	210.1- 270.1	243.6	
			Average of Peak Amounts =			1.63			
						RPD = 4.27			
8 PCB-1254									
1	100	3.405	3.404	0.001	99874301	1.71		100.0	
1	2	3.792	3.792	0.000	110972435	1.84	74.5- 124.5	111.1	
1	3	4.076	4.075	0.001	91078372	1.81	64.0- 114.0	91.2	
1	4	4.267	4.269	-0.002	76007205	1.76	50.5- 100.5	76.1	
1	5	4.550	4.550	0.000	111723115	1.80	82.9- 132.9	111.9	
			Average of Peak Amounts =			1.78			
2	6	4.269	4.268	0.001	208439308	1.85		100.0	
2	7	4.741	4.741	0.000	332436680	1.91	124.4- 184.4	159.5	
2	8	4.988	4.986	0.002	236837156	1.93	78.3- 138.3	113.6	
2	9	5.346	5.345	0.001	275735108	1.94	95.8- 155.8	132.3	
2	10	5.551	5.549	0.002	325866112	1.94	119.6- 179.6	156.3	
			Average of Peak Amounts =			1.91			
						RPD = 7.00			

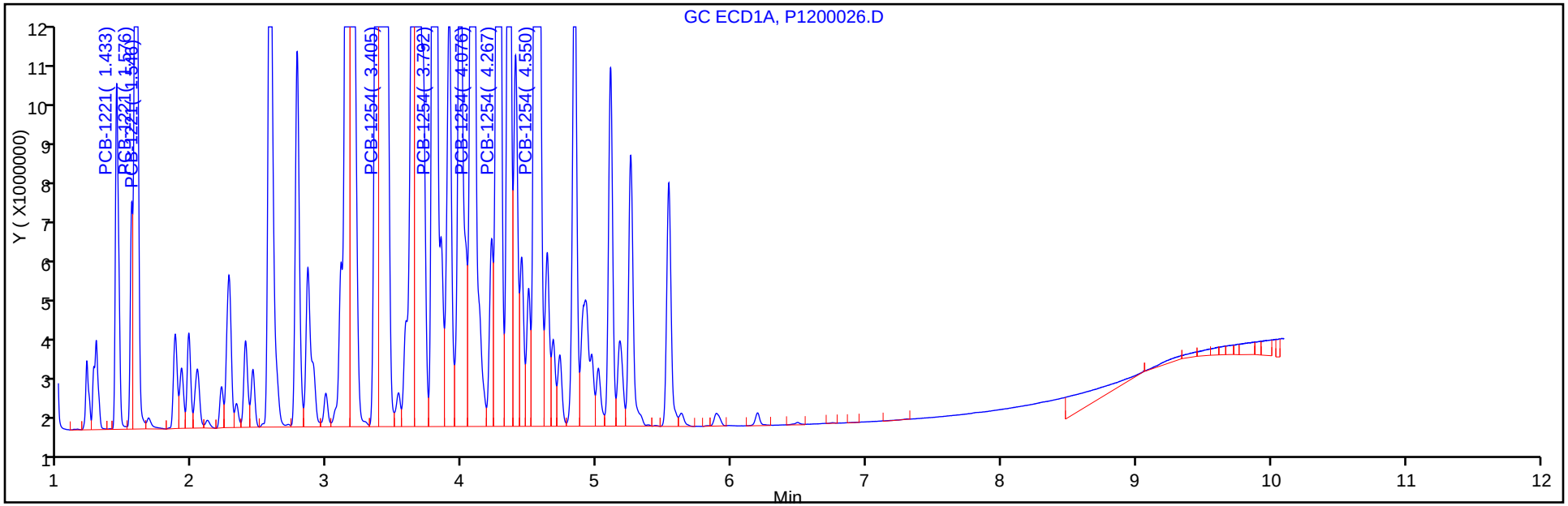
Report Date: 02-Apr-2013 07:00:58 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

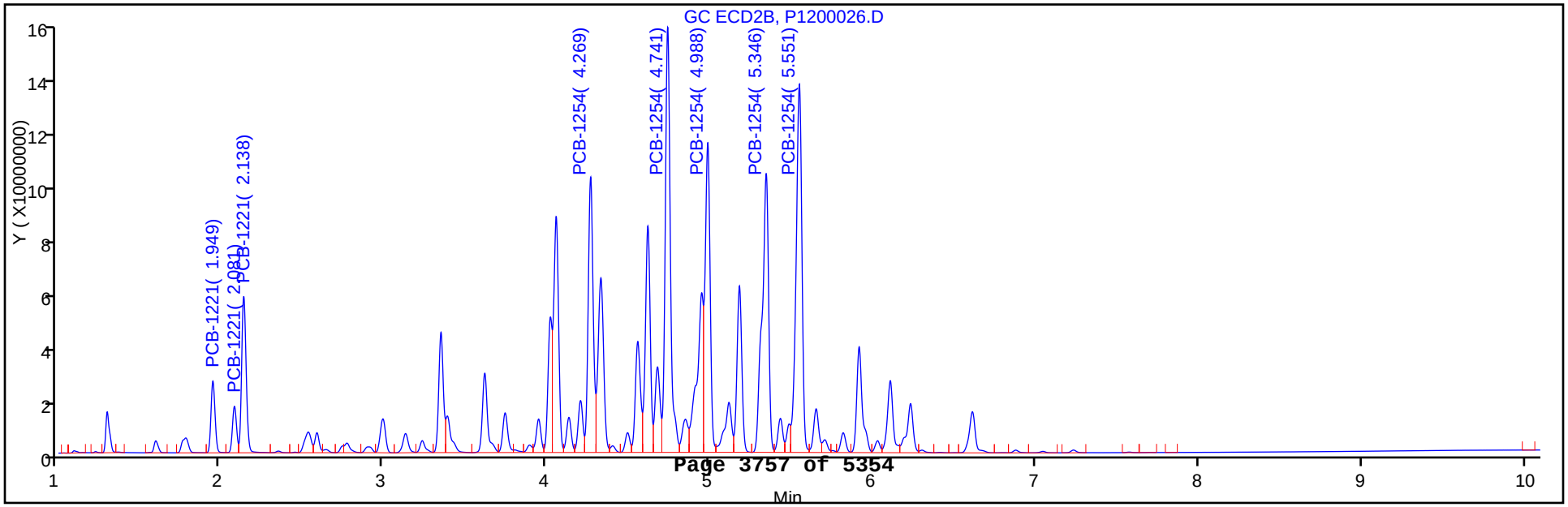
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200026.D

Injection Date:	01-Apr-2013 15:39:48	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	Lims Sample ID:	26
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1 Analy Batch No.: 80043

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/01/2013 15:53 Calibration End Date: 04/01/2013 17:05 Calibration ID: 14302

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-80043/27	P1200027.D
Level 2	STD01 240-80043/28	P1200028.D
Level 3	STD02 240-80043/29	P1200029.D
Level 4	STD05 240-80043/30	P1200030.D
Level 5	STD1 240-80043/31	P1200031.D
Level 6	STD2 240-80043/32	P1200032.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1016 Peak 1	1.575	1.576	1.575	1.576	1.576	1.575					1.526 - 1.626	1.576
PCB-1016 Peak 2	1.864	1.865	1.865	1.867	1.866	1.865					1.817 - 1.917	1.865
PCB-1016 Peak 3	2.265	2.266	2.266	2.267	2.267	2.266					2.217 - 2.317	2.266
PCB-1016 Peak 4	2.388	2.389	2.387	2.389	2.389	2.388					2.339 - 2.439	2.388
PCB-1016 Peak 5	2.773	2.773	2.773	2.774	2.775	2.773					2.724 - 2.824	2.774
PCB-1260 Peak 1	3.982	3.982	3.981	3.982	3.983	3.982					3.932 - 4.032	3.982
PCB-1260 Peak 2	4.269	4.268	4.268	4.270	4.269	4.269					4.220 - 4.320	4.269
PCB-1260 Peak 3	4.548	4.547	4.548	4.549	4.549	4.548					4.499 - 4.599	4.548
PCB-1260 Peak 4	5.247	5.247	5.247	5.249	5.248	5.248					5.199 - 5.299	5.248
PCB-1260 Peak 5	5.529	5.530	5.531	5.532	5.530	5.531					5.482 - 5.582	5.531
Tetrachloro-m-xylene	1.298	1.297	1.297	1.297	1.298	1.298					1.247 - 1.347	1.298
DCB Decachlorobiphenyl	6.682	6.681	6.681	6.682	6.682	6.682					6.632 - 6.732	6.682

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-22648-1 Analy Batch No.: 80043

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/01/2013 15:53 Calibration End Date: 04/01/2013 17:05 Calibration ID: 14302

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-80043/27	P1200027.D
Level 2	STD01 240-80043/28	P1200028.D
Level 3	STD02 240-80043/29	P1200029.D
Level 4	STD05 240-80043/30	P1200030.D
Level 5	STD1 240-80043/31	P1200031.D
Level 6	STD2 240-80043/32	P1200032.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	20268260 13966606	17549330 12827994	16385150	16119282	Ave		16186103.7				16.0		20.0			
PCB-1016 Peak 2	36100720 26274663	33495660 24272824	31215420	29092790	Ave		30075346.1				15.0		20.0			
PCB-1016 Peak 3	75073340 55817578	70450420 56033971	62542855	63979180	Ave		63982890.6				12.0		20.0			
PCB-1016 Peak 4	31950120 24058106	29352870 22699672	27683525	26378504	Ave		27020466.2				13.0		20.0			
PCB-1016 Peak 5	33846060 24952974	30663780 23553688	29175610	27328022	Ave		28253355.7				13.0		20.0			
PCB-1260 Peak 1	50703560 39185619	48055800 37325108	44553100	41765966	Ave		43598192.2				12.0		20.0			
PCB-1260 Peak 2	98260360 78767064	93960770 75055256	87810800	82878396	Ave		86122107.7				10.0		20.0			
PCB-1260 Peak 3	94585860 78054512	91375280 74748755	86165575	81745344	Ave		84445887.7				9.1		20.0			
PCB-1260 Peak 4	125878340 113301191	125307540 109295014	119979735	116152624	Ave		118319074				5.6		20.0			
PCB-1260 Peak 5	61638100 52775219	60527760 50524896	57586900	53692668	Ave		56124257.1				8.0		20.0			
Tetrachloro-m-xylene	1288281600 890920380	970693400 811157060	1000202300	923857800	Ave		980852090				17.0		20.0			
DCB Decachlorobiphenyl	1241072000 972674920	1022457200 911040920	1025521400	947257760	Ave		1020004033				11.0		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.: 240-22648-1 Analy Batch No.: 80043

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/01/2013 15:53 Calibration End Date: 04/01/2013 17:05 Calibration ID: 14302

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-80043/27	P1200027.D
Level 2	STD01 240-80043/28	P1200028.D
Level 3	STD02 240-80043/29	P1200029.D
Level 4	STD05 240-80043/30	P1200030.D
Level 5	STD1 240-80043/31	P1200031.D
Level 6	STD2 240-80043/32	P1200032.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	1013413 25655988	1754933	3277030	8059641	13966606	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 2	Ave	1805036 48545647	3349566	6243084	14546395	26274663	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 3	Ave	3753667 112067941	7045042	12508571	31989590	55817578	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 4	Ave	1597506 45399344	2935287	5536705	13189252	24058106	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 5	Ave	1692303 47107376	3066378	5835122	13664011	24952974	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 1	Ave	2535178 74650216	4805580	8910620	20882983	39185619	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 2	Ave	4913018 150110512	9396077	17562160	41439198	78767064	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 3	Ave	4729293 149497510	9137528	17233115	40872672	78054512	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 4	Ave	6293917 218590027	12530754	23995947	58076312	113301191	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 5	Ave	3081905 101049791	6052776	11517380	26846334	52775219	0.0500 2.00	0.100	0.200	0.500	1.00
Tetrachloro-m-xylene	Ave	3220704 81115706	4853467	10002023	23096445	44546019	0.00250 0.100	0.00500	0.0100	0.0250	0.0500
DCB Decachlorobiphenyl	Ave	3102680 91104092	5112286	10255214	23681444	48633746	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\A2HP12\20130401-18420.b\P1200027.D		
Lims ID:	STD005 1660	Client ID:	
Inject. Date:	01-Apr-2013 15:53:55	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0018420-027		
Misc. Info.:			
Operator:		Instrument ID:	A2HP12
Injection Vol:	1.0 ul	ALS Bottle#:	27
Lims Batch ID:	80043	Lims Sample ID:	27
Sublist:	chrom-PCB12*sub5		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m		
Last Update:	02-Apr-2013 07:00:58	Calib Date:	01-Apr-2013 19:55:41
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK018		

First Level Reviewer: hassl Date: 02-Apr-2013 06:57:29

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.298	1.297	0.001	3220704	0.003284			
2	2	1.669	1.670	-0.001	8036091	0.003010			
						RPD = 8.68			
6 PCB-1016									
1	100	1.575	1.576	-0.001	1013413	0.0626		100.0	
1	2	1.864	1.867	-0.003	1805036	0.0600	165.5- 215.5	178.1	
1	3	2.265	2.267	-0.002	3753667	0.0587	356.7- 406.7	370.4	
1	4	2.388	2.389	-0.001	1597506	0.0591	144.0- 194.0	157.6	
1	5	2.773	2.774	-0.001	1692303	0.0599	153.1- 203.1	167.0	
			Average of Peak Amounts =			0.0601			
2	6	2.137	2.137	0.000	2827331	0.0624		100.0	
2	7	2.537	2.537	0.000	5197213	0.0594	165.6- 225.6	183.8	
2	8	2.992	2.992	0.000	9923551	0.0546	366.1- 426.1	351.0	
2	9	3.131	3.131	0.000	4575977	0.0578	144.6- 204.6	161.8	
2	10	3.617	3.617	0.000	4157381	0.0631	112.9- 172.9	147.0	
			Average of Peak Amounts =			0.0594			
						RPD = 1.03			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.982	3.982	0.000	2535178	0.0581		100.0	
1	2	4.269	4.270	-0.001	4913018	0.0570	172.1- 222.1	193.8	
1	3	4.548	4.549	-0.001	4729293	0.0560	168.4- 218.4	186.5	
1	4	5.247	5.249	-0.002	6293917	0.0532	244.3- 294.3	248.3	
1	5	5.529	5.532	-0.003	3081905	0.0549	104.3- 154.3	121.6	
			Average of Peak Amounts =			0.0559			
2	6	4.950	4.951	-0.001	7127457	0.0549		100.0	
2	7	5.181	5.182	-0.001	7928500	0.0546	80.1- 140.1	111.2	
2	8	5.546	5.547	-0.001	12267735	0.0531	146.6- 206.6	172.1	
2	9	6.231	6.232	-0.001	14050553	0.0523	174.1- 234.1	197.1	
2	10	6.610	6.611	-0.001	10831595	0.0541	121.8- 181.8	152.0	
			Average of Peak Amounts =			0.0538			
						RPD = 3.78			
$ 12 DCB Decachlorobiphenyl									
1	100	6.682	6.682	0.000	3102680	0.003042			
2	2	7.841	7.842	-0.001	9239527	0.003123			
						RPD = 2.64			

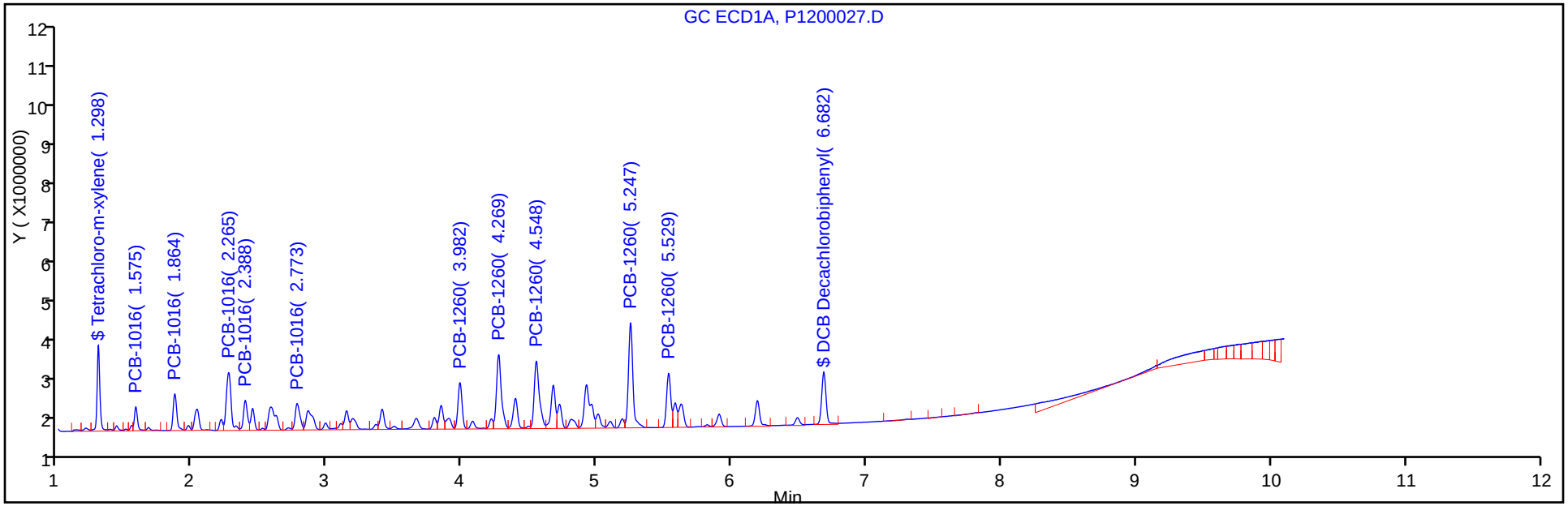
Report Date: 02-Apr-2013 07:00:59 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

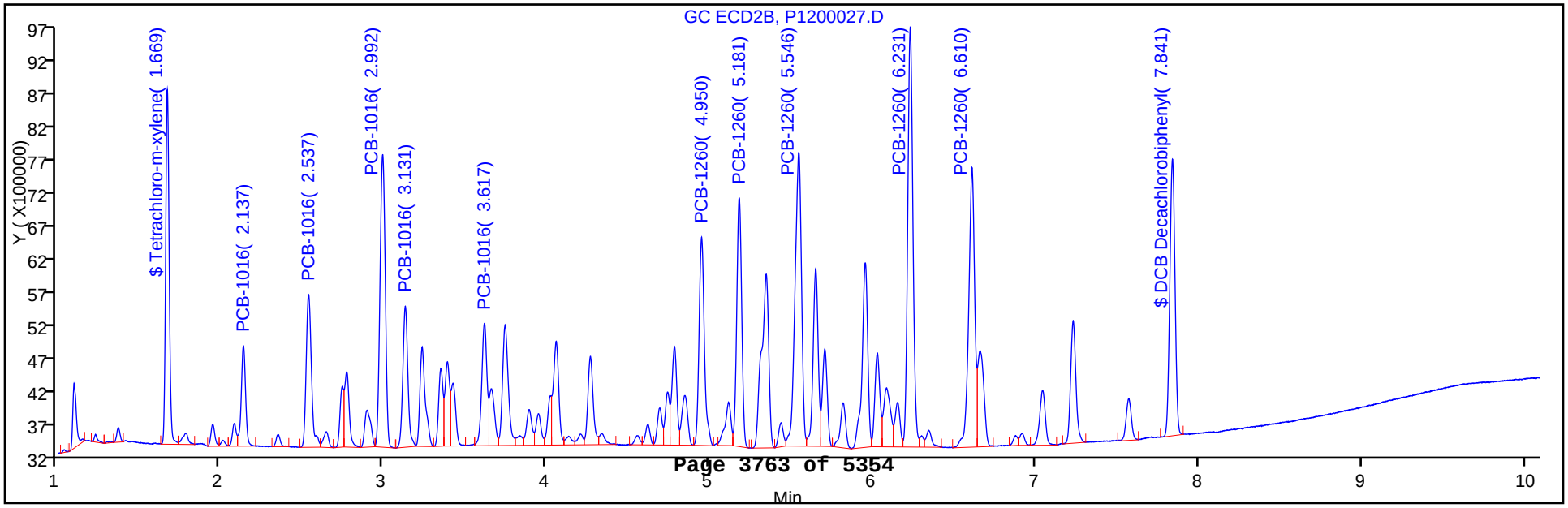
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200027.D

Injection Date:	01-Apr-2013 15:53:55	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200028.D
Lims ID: STD01 1660 Client ID:
Inject. Date: 01-Apr-2013 16:08:00 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0018420-028
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 28
Lims Batch ID: 80043 Lims Sample ID: 28
Sublist: chrom-PCB12*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:00 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.297	1.297	0.000	4853467	0.004948			
2	2	1.670	1.670	0.000	12911045	0.004837			
						RPD = 2.28			
6 PCB-1016									
1	100	1.576	1.576	0.000	1754933	0.1084		100.0	
1	2	1.865	1.867	-0.002	3349566	0.1114	165.5- 215.5	190.9	
1	3	2.266	2.267	-0.001	7045042	0.1101	356.7- 406.7	401.4	
1	4	2.389	2.389	0.000	2935287	0.1086	144.0- 194.0	167.3	
1	5	2.773	2.774	-0.001	3066378	0.1085	153.1- 203.1	174.7	
			Average of Peak Amounts =			0.1094			
2	6	2.136	2.137	-0.001	5003938	0.1105		100.0	
2	7	2.536	2.537	-0.001	9626665	0.1100	165.6- 225.6	192.4	
2	8	2.992	2.992	0.000	18793064	0.1033	366.1- 426.1	375.6	
2	9	3.131	3.131	0.000	8444951	0.1066	144.6- 204.6	168.8	
2	10	3.616	3.617	-0.001	7322022	0.1111	112.9- 172.9	146.3	
			Average of Peak Amounts =			0.1083			
						RPD = 1.01			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.982	3.982	0.000	4805580	0.1102		100.0	
1	2	4.268	4.270	-0.002	9396077	0.1091	172.1- 222.1	195.5	
1	3	4.547	4.549	-0.002	9137528	0.1082	168.4- 218.4	190.1	
1	4	5.247	5.249	-0.002	12530754	0.1059	244.3- 294.3	260.8	
1	5	5.530	5.532	-0.002	6052776	0.1078	104.3- 154.3	126.0	
			Average of Peak Amounts =			0.1083			
2	6	4.950	4.951	-0.001	13877603	0.1069		100.0	
2	7	5.181	5.182	-0.001	15562865	0.1071	80.1- 140.1	112.1	
2	8	5.546	5.547	-0.001	24203403	0.1047	146.6- 206.6	174.4	
2	9	6.232	6.232	0.000	27866839	0.1037	174.1- 234.1	200.8	
2	10	6.610	6.611	-0.001	21431673	0.1071	121.8- 181.8	154.4	
			Average of Peak Amounts =			0.1059			
						RPD = 2.21			
$ 12 DCB Decachlorobiphenyl									
1	100	6.681	6.682	-0.001	5112286	0.005012			
2	2	7.841	7.842	-0.001	15429937	0.005216			
						RPD = 3.98			

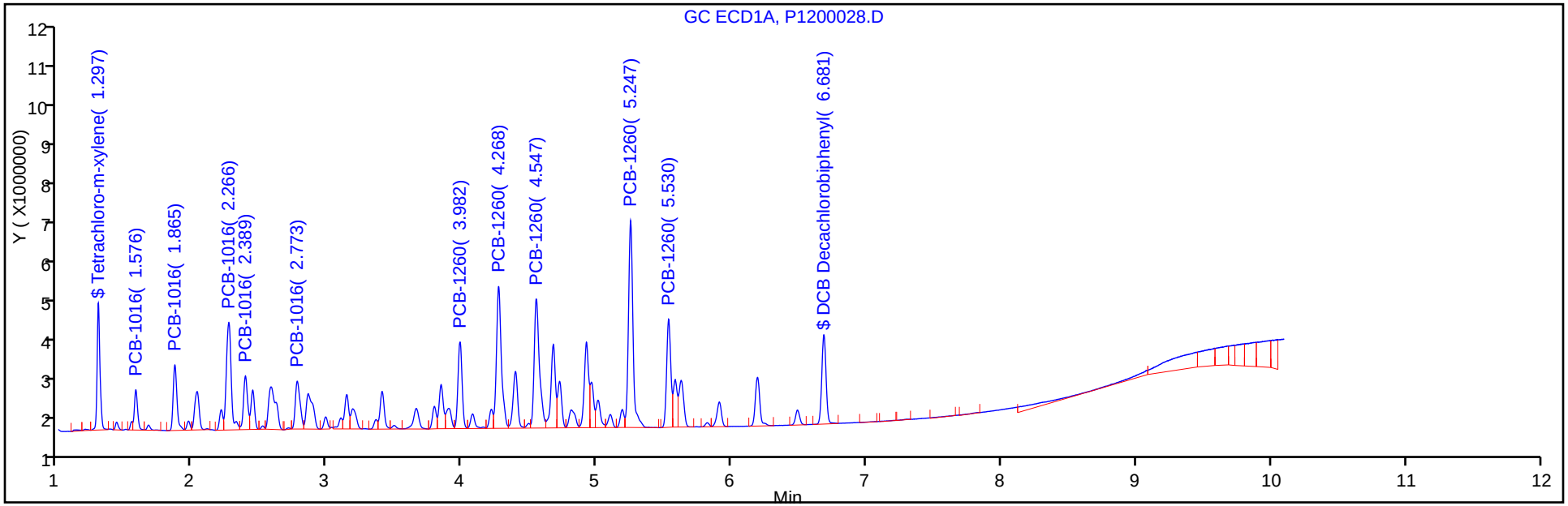
Report Date: 02-Apr-2013 07:01:01 Chrom Revision: 2.0 01-Feb-2013 10:03:10

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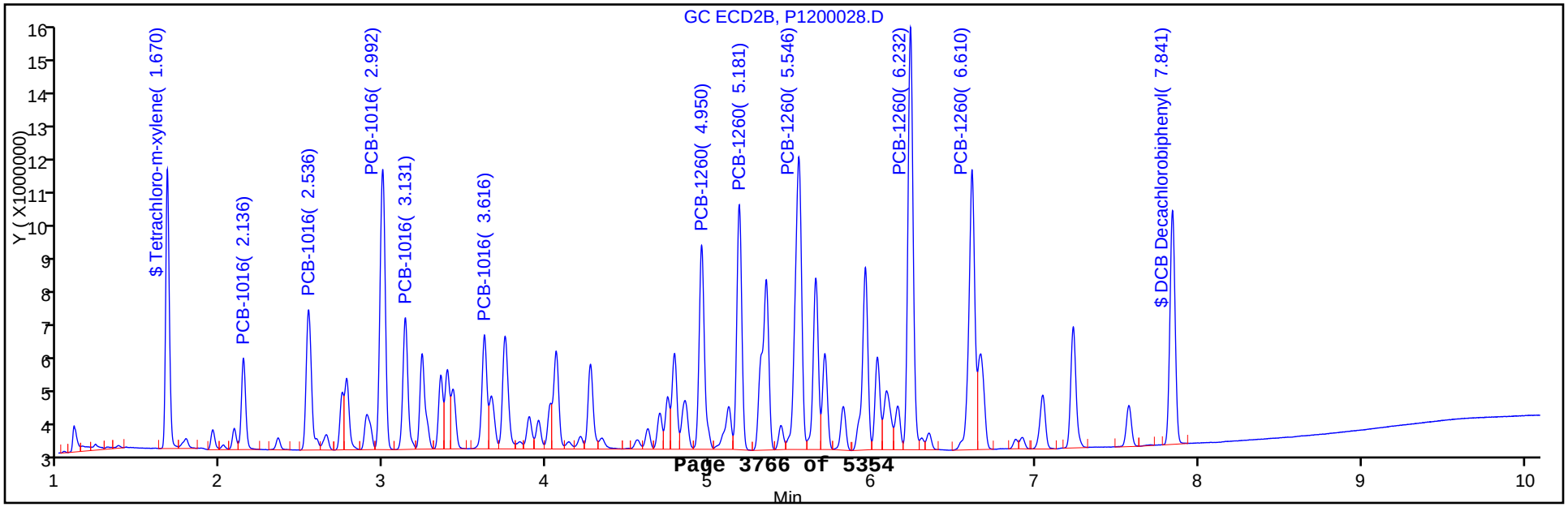
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200028.D

Injection Date:	01-Apr-2013 16:08:00	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200029.D
Lims ID: STD02 1660 Client ID:
Inject. Date: 01-Apr-2013 16:22:05 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0018420-029
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 29
Lims Batch ID: 80043 Lims Sample ID: 29
Sublist: chrom-PCB12*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

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

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.297	1.297	0.000	10002023	0.0102			
2	2	1.669	1.670	-0.001	26046599	0.009757			
						RPD = 4.41			
6 PCB-1016									
1	100	1.575	1.576	-0.001	3277030	0.2025		100.0	
1	2	1.865	1.867	-0.002	6243084	0.2076	165.5- 215.5	190.5	
1	3	2.266	2.267	-0.001	12508571	0.1955	356.7- 406.7	381.7	
1	4	2.387	2.389	-0.002	5536705	0.2049	144.0- 194.0	169.0	
1	5	2.773	2.774	-0.001	5835122	0.2065	153.1- 203.1	178.1	
			Average of Peak Amounts =			0.2034			
2	6	2.136	2.137	-0.001	9204649	0.2032		100.0	
2	7	2.536	2.537	-0.001	18004295	0.2058	165.6- 225.6	195.6	
2	8	2.992	2.992	0.000	36461517	0.2004	366.1- 426.1	396.1	
2	9	3.131	3.131	0.000	16069361	0.2029	144.6- 204.6	174.6	
2	10	3.617	3.617	0.000	13152466	0.1996	112.9- 172.9	142.9	
			Average of Peak Amounts =			0.2024			
						RPD = 0.50			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.981	3.982	-0.001	8910620	0.2044		100.0	
1	2	4.268	4.270	-0.002	17562160	0.2039	172.1- 222.1	197.1	
1	3	4.548	4.549	-0.001	17233115	0.2041	168.4- 218.4	193.4	
1	4	5.247	5.249	-0.002	23995947	0.2028	244.3- 294.3	269.3	
1	5	5.531	5.532	-0.001	11517380	0.2052	104.3- 154.3	129.3	
			Average of Peak Amounts =			0.2041			
2	6	4.951	4.951	0.000	26263179	0.2022		100.0	
2	7	5.181	5.182	-0.001	28928326	0.1991	80.1- 140.1	110.1	
2	8	5.547	5.547	0.000	46386377	0.2007	146.6- 206.6	176.6	
2	9	6.231	6.232	-0.001	53606777	0.1995	174.1- 234.1	204.1	
2	10	6.611	6.611	0.000	39868093	0.1992	121.8- 181.8	151.8	
			Average of Peak Amounts =			0.2001			
						RPD = 1.95			
$ 12 DCB Decachlorobiphenyl									
1	100	6.681	6.682	-0.001	10255214	0.0101			
2	2	7.841	7.842	-0.001	29665889	0.0100			
						RPD = 0.26			

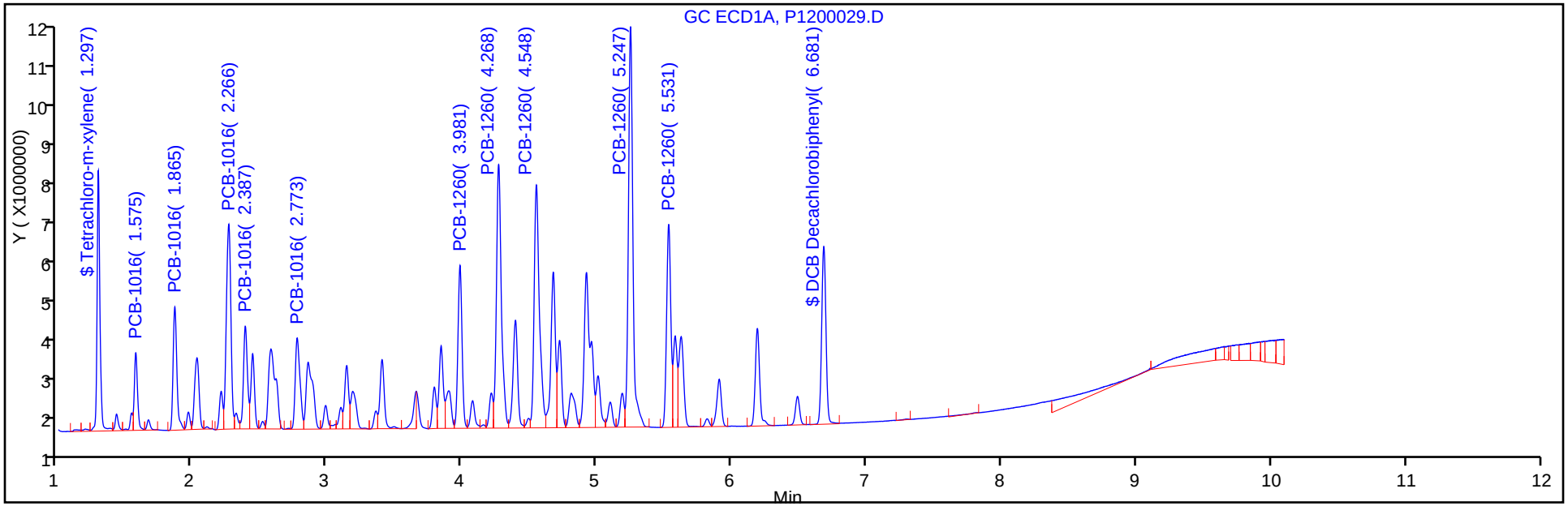
Report Date: 02-Apr-2013 07:01:04 Chrom Revision: 2.0 01-Feb-2013 10:03:10

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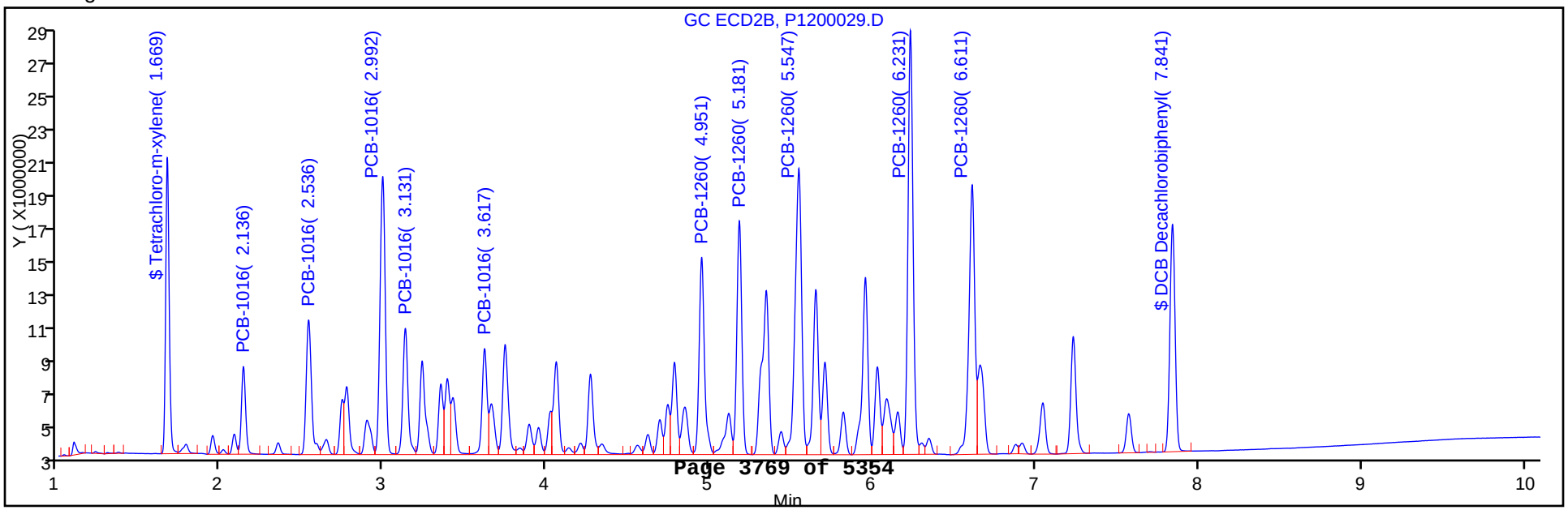
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200029.D

Injection Date:	01-Apr-2013 16:22:05	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200030.D
Lims ID: STD05 1660 Client ID:
Inject. Date: 01-Apr-2013 16:36:20 Dil. Factor: 1.0000
Sample Type: ICRT Calib Level: 4
Sample ID: 240-0018420-030
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 30
Lims Batch ID: 80043 Lims Sample ID: 30
Sublist: chrom-PCB12*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:05 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.297	1.297	0.000	23096445	0.0235			
2	2	1.670	1.670	0.000	63122604	0.0236			
						RPD = 0.42			
6 PCB-1016									
1	100	1.576	1.576	0.000	8059641	0.4979		100.0	
1	2	1.867	1.867	0.000	14546395	0.4837	165.5- 215.5	180.5	
1	3	2.267	2.267	0.000	31989590	0.5000	356.7- 406.7	396.9	
1	4	2.389	2.389	0.000	13189252	0.4881	144.0- 194.0	163.6	
1	5	2.774	2.774	0.000	13664011	0.4836	153.1- 203.1	169.5	
			Average of Peak Amounts =			0.4907			
2	6	2.137	2.137	0.000	21094722	0.4657		100.0	
2	7	2.537	2.537	0.000	41495741	0.4743	165.6- 225.6	196.7	
2	8	2.992	2.992	0.000	89383091	0.4914	366.1- 426.1	423.7	
2	9	3.131	3.131	0.000	37993571	0.4797	144.6- 204.6	180.1	
2	10	3.617	3.617	0.000	30174905	0.4580	112.9- 172.9	143.0	
			Average of Peak Amounts =			0.4738			
						RPD = 3.50			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.982	3.982	0.000	20882983	0.4790		100.0	
1	2	4.270	4.270	0.000	41439198	0.4812	172.1- 222.1	198.4	
1	3	4.549	4.549	0.000	40872672	0.4840	168.4- 218.4	195.7	
1	4	5.249	5.249	0.000	58076312	0.4908	244.3- 294.3	278.1	
1	5	5.532	5.532	0.000	26846334	0.4783	104.3- 154.3	128.6	
			Average of Peak Amounts =			0.4827			
2	6	4.951	4.951	0.000	62561490	0.4817		100.0	
2	7	5.182	5.182	0.000	70356206	0.4843	80.1- 140.1	112.5	
2	8	5.547	5.547	0.000	112947889	0.4886	146.6- 206.6	180.5	
2	9	6.232	6.232	0.000	131401321	0.4889	174.1- 234.1	210.0	
2	10	6.611	6.611	0.000	96690545	0.4831	121.8- 181.8	154.6	
			Average of Peak Amounts =			0.4853			
						RPD = 0.55			
$ 12 DCB Decachlorobiphenyl									
1	100	6.682	6.682	0.000	23681444	0.0232			
2	2	7.842	7.842	0.000	67144069	0.0227			
						RPD = 2.27			

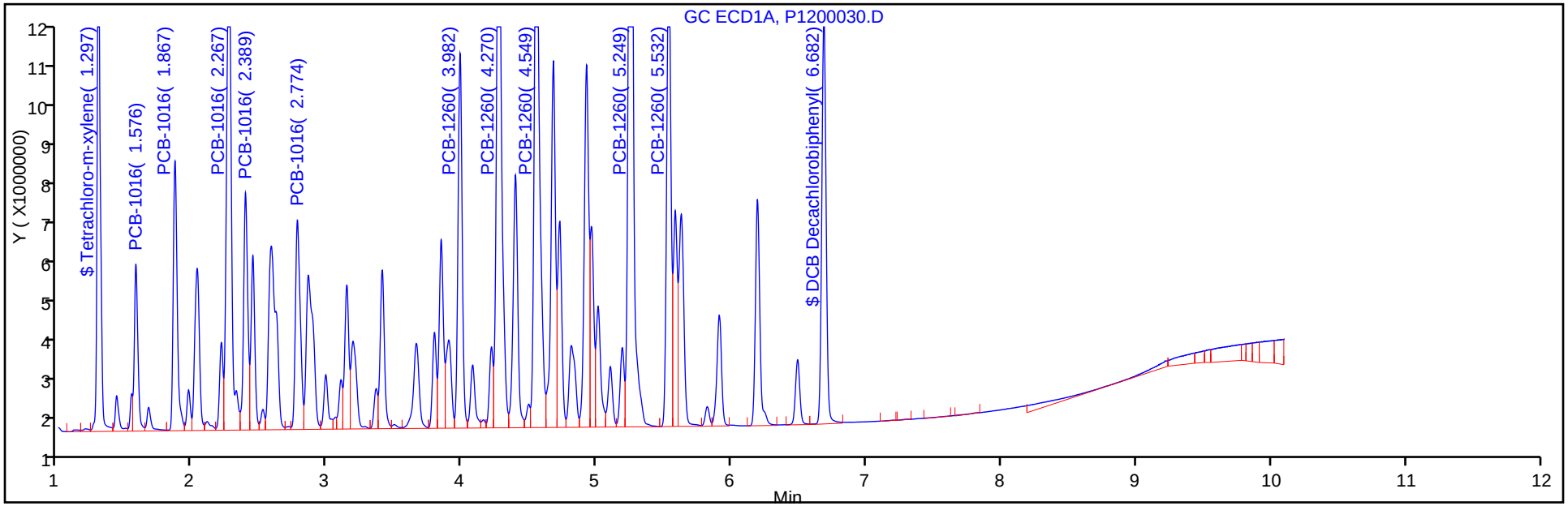
Report Date: 02-Apr-2013 07:01:07 Chrom Revision: 2.0 01-Feb-2013 10:03:10

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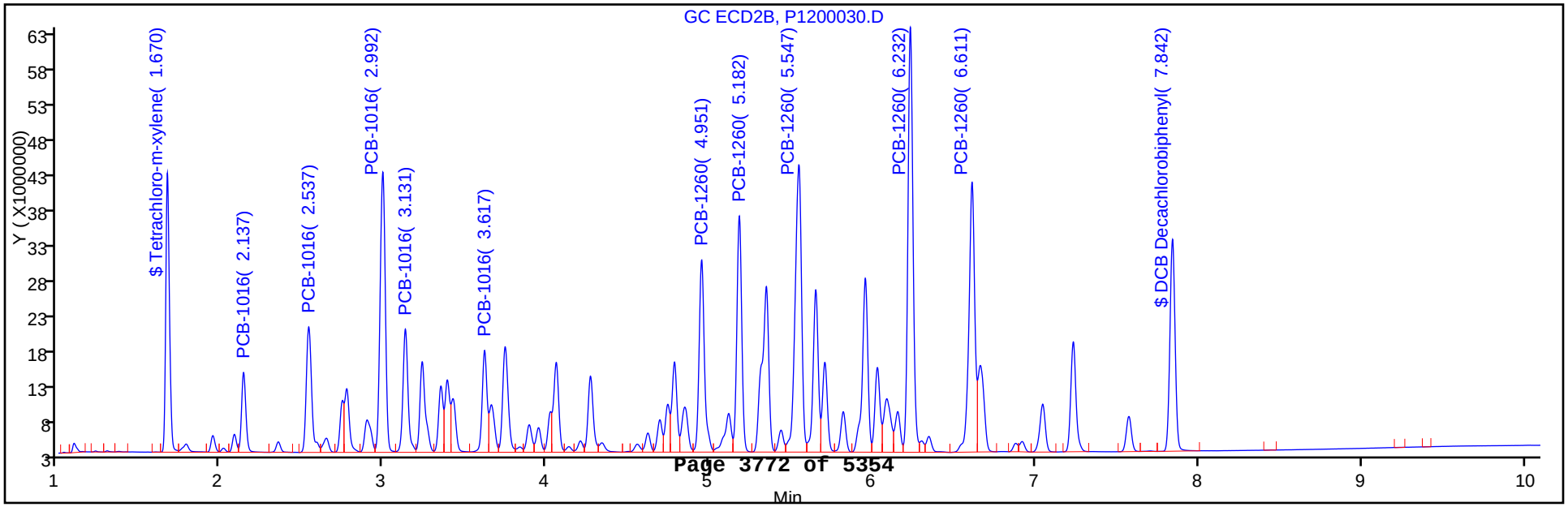
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200030.D

Injection Date:	01-Apr-2013 16:36:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200031.D
Lims ID: STD1 1660 Client ID:
Inject. Date: 01-Apr-2013 16:50:56 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0018420-031
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 31
Lims Batch ID: 80043 Lims Sample ID: 31
Sublist: chrom-PCB12*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

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

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.298	1.297	0.001	44546019	0.0454			
2	2	1.669	1.670	-0.001	130621169	0.0489			
						RPD = 7.45			
6 PCB-1016									
1	100	1.576	1.576	0.000	13966606	0.8629		100.0	
1	2	1.866	1.867	-0.001	26274663	0.8736	165.5- 215.5	188.1	
1	3	2.267	2.267	0.000	55817578	0.8724	356.7- 406.7	399.7	
1	4	2.389	2.389	0.000	24058106	0.8904	144.0- 194.0	172.3	
1	5	2.775	2.774	0.001	24952974	0.8832	153.1- 203.1	178.7	
			Average of Peak Amounts =			0.8765			
2	6	2.136	2.137	-0.001	39936674	0.8816		100.0	
2	7	2.536	2.537	-0.001	78636693	0.8988	165.6- 225.6	196.9	
2	8	2.992	2.992	0.000	174347268	0.9585	366.1- 426.1	436.6	
2	9	3.130	3.131	-0.001	72864607	0.9199	144.6- 204.6	182.5	
2	10	3.617	3.617	0.000	57801890	0.8773	112.9- 172.9	144.7	
			Average of Peak Amounts =			0.9072			
						RPD = 3.44			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.983	3.982	0.001	39185619	0.8988		100.0	
1	2	4.269	4.270	-0.001	78767064	0.9146	172.1- 222.1	201.0	
1	3	4.549	4.549	0.000	78054512	0.9243	168.4- 218.4	199.2	
1	4	5.248	5.249	-0.001	113301191	0.9576	244.3- 294.3	289.1	
1	5	5.530	5.532	-0.002	52775219	0.9403	104.3- 154.3	134.7	
			Average of Peak Amounts =			0.9271			
2	6	4.949	4.951	-0.002	121963379	0.9392		100.0	
2	7	5.181	5.182	-0.001	137053703	0.9435	80.1- 140.1	112.4	
2	8	5.546	5.547	-0.001	222288293	0.9617	146.6- 206.6	182.3	
2	9	6.231	6.232	-0.001	262239136	0.9757	174.1- 234.1	215.0	
2	10	6.610	6.611	-0.001	190139052	0.9500	121.8- 181.8	155.9	
			Average of Peak Amounts =			0.9540			
						RPD = 2.86			
$ 12 DCB Decachlorobiphenyl									
1	100	6.682	6.682	0.000	48633746	0.0477			
2	2	7.842	7.842	0.000	136671507	0.0462			
						RPD = 3.16			

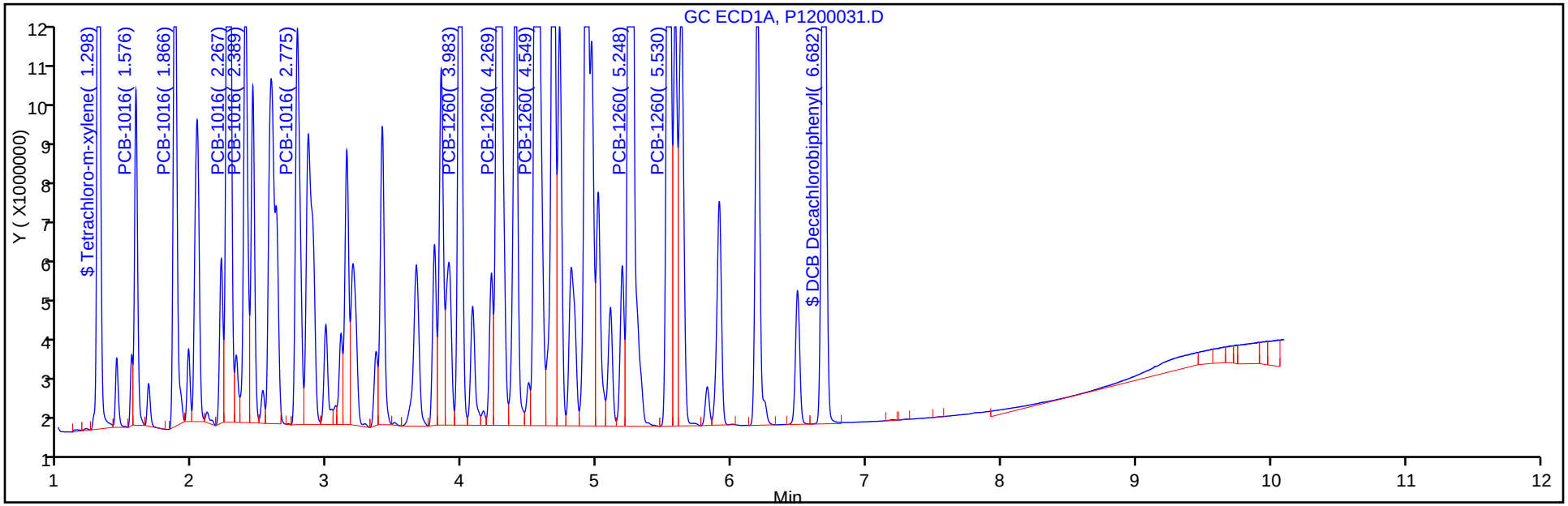
Report Date: 02-Apr-2013 07:01:08 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

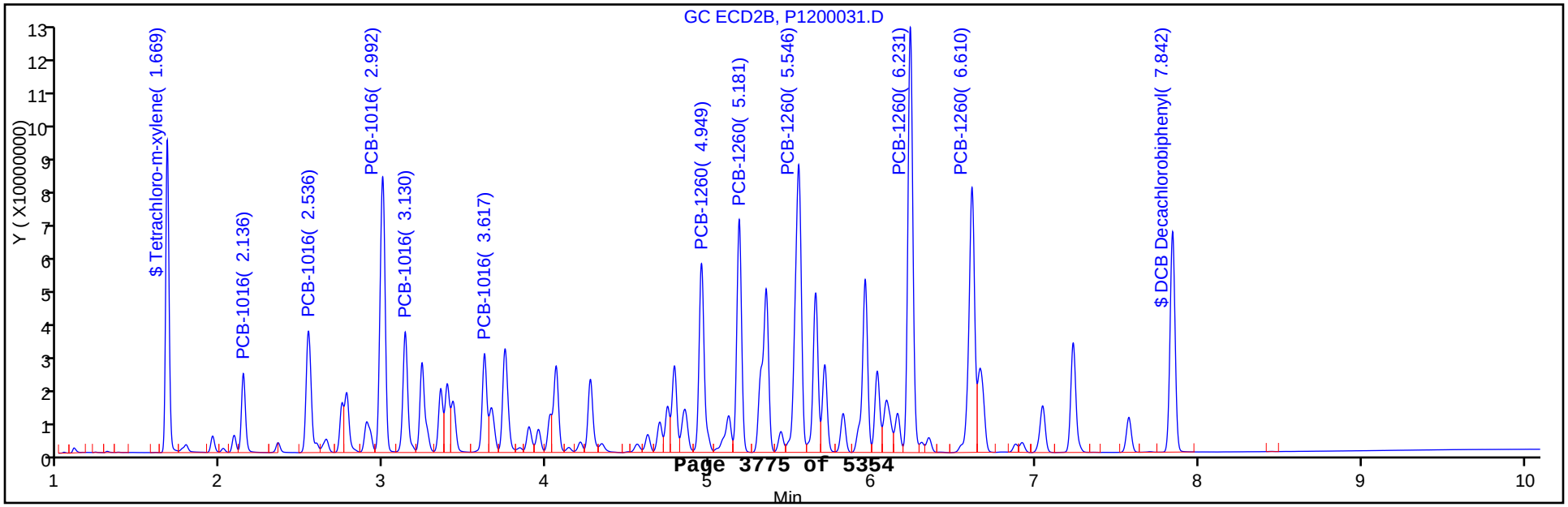
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200031.D

Injection Date:	01-Apr-2013 16:50:56	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200032.D
Lims ID: STD2 1660 Client ID:
Inject. Date: 01-Apr-2013 17:05:04 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0018420-032
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 32
Lims Batch ID: 80043 Lims Sample ID: 32
Sublist: chrom-PCB12*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:09 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.298	1.297	0.001	81115706	0.0827			
2	2	1.669	1.670	-0.001	247792203	0.0928			
						RPD = 11.54			
6 PCB-1016									
1	100	1.575	1.576	-0.001	25655988	1.59		100.0	
1	2	1.865	1.867	-0.002	48545647	1.61	165.5- 215.5	189.2	
1	3	2.266	2.267	-0.001	112067941	1.75	356.7- 406.7	436.8	
1	4	2.388	2.389	-0.001	45399344	1.68	144.0- 194.0	177.0	
1	5	2.773	2.774	-0.001	47107376	1.67	153.1- 203.1	183.6	
			Average of Peak Amounts =			1.66			
2	6	2.137	2.137	0.000	74124205	1.64		100.0	
2	7	2.537	2.537	0.000	146212998	1.67	165.6- 225.6	197.3	
2	8	2.993	2.992	0.001	339157302	1.86	366.1- 426.1	457.6	
2	9	3.131	3.131	0.000	140157047	1.77	144.6- 204.6	189.1	
2	10	3.618	3.617	0.001	110079222	1.67	112.9- 172.9	148.5	
			Average of Peak Amounts =			1.72			
						RPD = 3.71			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.982	3.982	0.000	74650216	1.71		100.0	
1	2	4.269	4.270	-0.001	150110512	1.74	172.1- 222.1	201.1	
1	3	4.548	4.549	-0.001	149497510	1.77	168.4- 218.4	200.3	
1	4	5.248	5.249	-0.001	218590027	1.85	244.3- 294.3	292.8	
1	5	5.531	5.532	-0.001	101049791	1.80	104.3- 154.3	135.4	
			Average of Peak Amounts =			1.77			
2	6	4.950	4.951	-0.001	238913410	1.84		100.0	
2	7	5.181	5.182	-0.001	269992181	1.86	80.1- 140.1	113.0	
2	8	5.547	5.547	0.000	438741702	1.90	146.6- 206.6	183.6	
2	9	6.232	6.232	0.000	519698247	1.93	174.1- 234.1	217.5	
2	10	6.610	6.611	-0.001	374085465	1.87	121.8- 181.8	156.6	
			Average of Peak Amounts =			1.88			
						RPD = 5.75			
$ 12 DCB Decachlorobiphenyl									
1	100	6.682	6.682	0.000	91104092	0.0893			
2	2	7.840	7.842	-0.002	258269779	0.0873			
						RPD = 2.28			

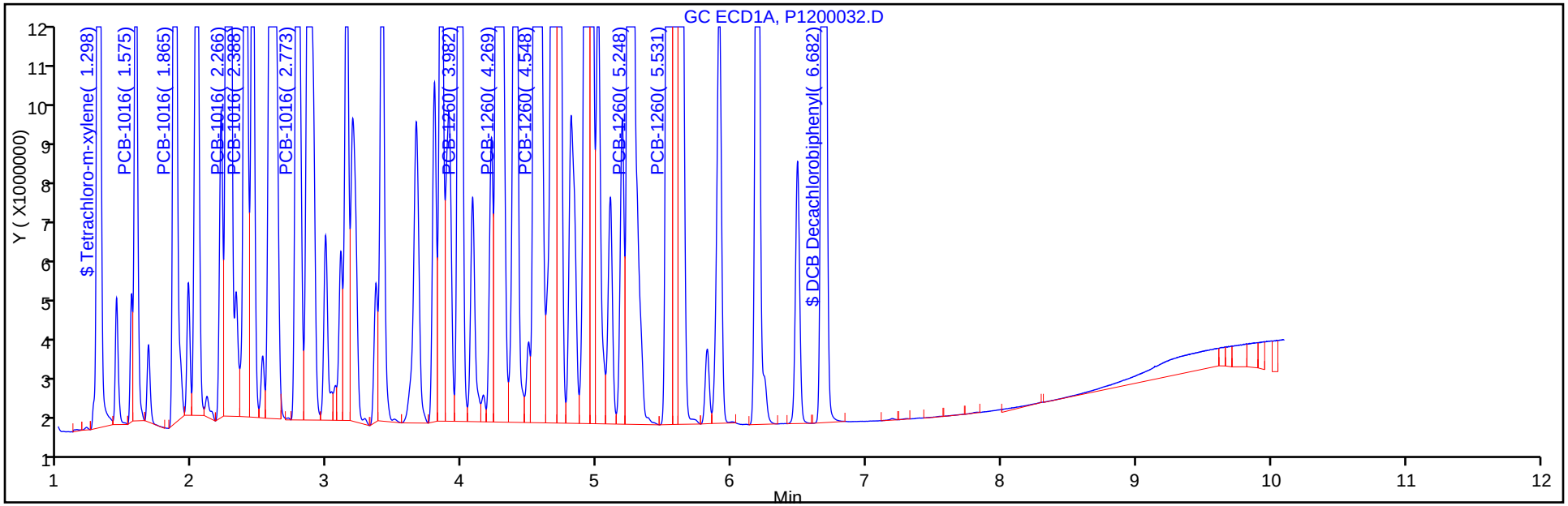
Report Date: 02-Apr-2013 07:01:10 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

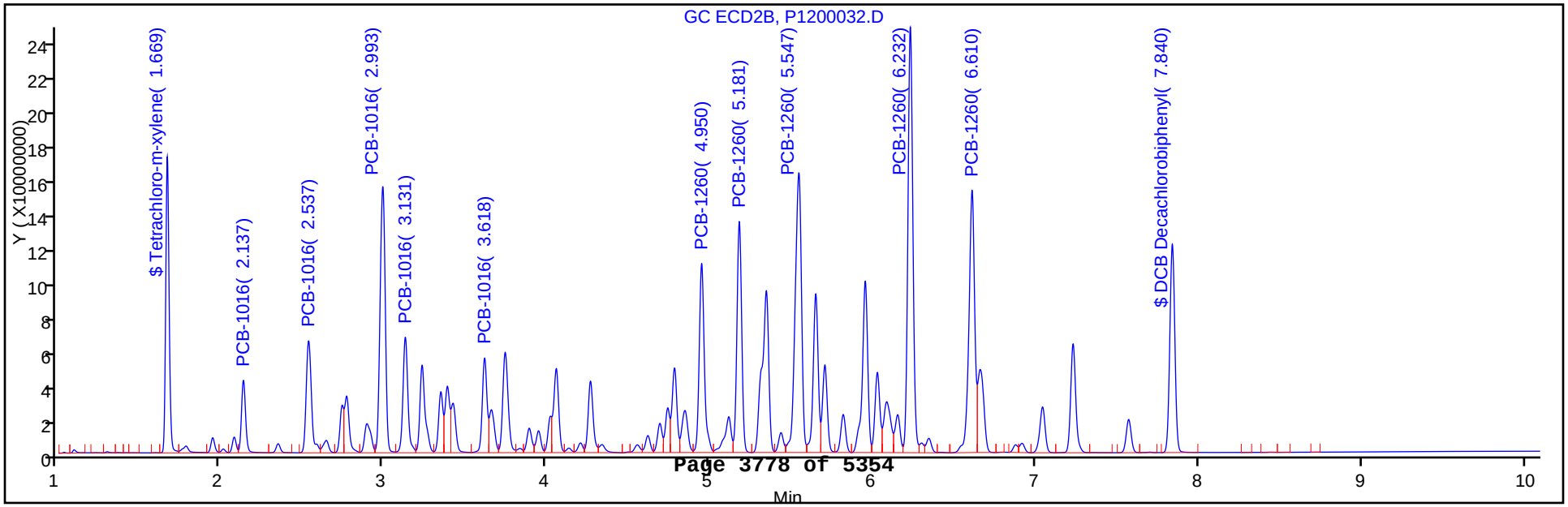
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200032.D

Injection Date:	01-Apr-2013 17:05:04	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	Lims Sample ID:	32
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1 Analy Batch No.: 80043

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/01/2013 15:53 Calibration End Date: 04/01/2013 17:05 Calibration ID: 14303

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-80043/27	P1200027.D
Level 2	STD01 240-80043/28	P1200028.D
Level 3	STD02 240-80043/29	P1200029.D
Level 4	STD05 240-80043/30	P1200030.D
Level 5	STD1 240-80043/31	P1200031.D
Level 6	STD2 240-80043/32	P1200032.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1016 Peak 1	2.137	2.136	2.136	2.137	2.136	2.137					2.087 - 2.187	2.137
PCB-1016 Peak 2	2.537	2.536	2.536	2.537	2.536	2.537					2.487 - 2.587	2.537
PCB-1016 Peak 3	2.992	2.992	2.992	2.992	2.992	2.993					2.942 - 3.042	2.992
PCB-1016 Peak 4	3.131	3.131	3.131	3.131	3.130	3.131					3.081 - 3.181	3.131
PCB-1016 Peak 5	3.617	3.616	3.617	3.617	3.617	3.618					3.567 - 3.667	3.617
PCB-1260 Peak 1	4.950	4.950	4.951	4.951	4.949	4.950					4.901 - 5.001	4.950
PCB-1260 Peak 2	5.181	5.181	5.181	5.182	5.181	5.181					5.132 - 5.232	5.181
PCB-1260 Peak 3	5.546	5.546	5.547	5.547	5.546	5.547					5.497 - 5.597	5.547
PCB-1260 Peak 4	6.231	6.232	6.231	6.232	6.231	6.232					6.182 - 6.282	6.232
PCB-1260 Peak 5	6.610	6.610	6.611	6.611	6.610	6.610					6.561 - 6.661	6.610
Tetrachloro-m-xylene	1.669	1.670	1.669	1.670	1.669	1.669					1.620 - 1.720	1.669
DCB Decachlorobiphenyl	7.841	7.841	7.841	7.842	7.842	7.840					7.792 - 7.892	7.841

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-22648-1 Analy Batch No.: 80043

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/01/2013 15:53 Calibration End Date: 04/01/2013 17:05 Calibration ID: 14303

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-80043/27	P1200027.D
Level 2	STD01 240-80043/28	P1200028.D
Level 3	STD02 240-80043/29	P1200029.D
Level 4	STD05 240-80043/30	P1200030.D
Level 5	STD1 240-80043/31	P1200031.D
Level 6	STD2 240-80043/32	P1200032.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	56546620 39936674	50039380 37062103	46023245	42189444	Ave		45299577.6				16.0		20.0			
PCB-1016 Peak 2	103944260 78636693	96266650 73106499	90021475	82991482	Ave		87494509.8				13.0		20.0			
PCB-1016 Peak 3	198471020 174347268	187930640 169578651	182307585	178766182	Ave		181900224				5.7		20.0			
PCB-1016 Peak 4	91519540 72864607	84449510 70078524	80346805	75987142	Ave		79207687.9				10.0		20.0			
PCB-1016 Peak 5	83147620 57801890	73220220 55039611	65762330	60349810	Ave		65886913.5				16.0		20.0			
PCB-1260 Peak 1	142549140 121963379	138776030 119456705	131315895	125122980	Ave		129864022				7.2		20.0			
PCB-1260 Peak 2	158570000 137053703	155628650 134996091	144641630	140712412	Ave		145267081				6.7		20.0			
PCB-1260 Peak 3	245354700 222288293	242034030 219370851	231931885	225895778	Ave		231145923				4.6		20.0			
PCB-1260 Peak 4	281011060 262239136	278668390 259849124	268033885	262802642	Ave		268767373				3.4		20.0			
PCB-1260 Peak 5	216631900 190139052	214316730 187042733	199340465	193381090	Ave		200141995				6.3		20.0			
Tetrachloro-m-xylene	3214436400 2612423380	2582209000 2477922030	2604659900	2524904160	Ave		2669425812				10.0		20.0			
DCB Decachlorobiphenyl	3695810800 2733430140	3085987400 2582697790	2966588900	2685762760	Ave		2958379632				14.0		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.: 240-22648-1 Analy Batch No.: 80043

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/01/2013 15:53 Calibration End Date: 04/01/2013 17:05 Calibration ID: 14303

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-80043/27	P1200027.D
Level 2	STD01 240-80043/28	P1200028.D
Level 3	STD02 240-80043/29	P1200029.D
Level 4	STD05 240-80043/30	P1200030.D
Level 5	STD1 240-80043/31	P1200031.D
Level 6	STD2 240-80043/32	P1200032.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	2827331 74124205	5003938	9204649	21094722	39936674	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 2	Ave	5197213 146212998	9626665	18004295	41495741	78636693	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 3	Ave	9923551 339157302	18793064	36461517	89383091	174347268	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 4	Ave	4575977 140157047	8444951	16069361	37993571	72864607	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 5	Ave	4157381 110079222	7322022	13152466	30174905	57801890	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 1	Ave	7127457 238913410	13877603	26263179	62561490	121963379	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 2	Ave	7928500 269992181	15562865	28928326	70356206	137053703	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 3	Ave	12267735 438741702	24203403	46386377	112947889	222288293	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 4	Ave	14050553 519698247	27866839	53606777	131401321	262239136	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 5	Ave	10831595 374085465	21431673	39868093	96690545	190139052	0.0500 2.00	0.100	0.200	0.500	1.00
Tetrachloro-m-xylene	Ave	8036091 247792203	12911045	26046599	63122604	130621169	0.00250 0.100	0.00500	0.0100	0.0250	0.0500
DCB Decachlorobiphenyl	Ave	9239527 258269779	15429937	29665889	67144069	136671507	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\A2HP12\20130401-18420.b\P1200027.D
Lims ID: STD005 1660 Client ID:
Inject. Date: 01-Apr-2013 15:53:55 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0018420-027
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 27
Lims Batch ID: 80043 Lims Sample ID: 27
Sublist: chrom-PCB12*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:00:58 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

First Level Reviewer: hassl Date: 02-Apr-2013 06:57:29

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.298	1.297	0.001	3220704	0.003284			
2	2	1.669	1.670	-0.001	8036091	0.003010			
						RPD = 8.68			
6 PCB-1016									
1	100	1.575	1.576	-0.001	1013413	0.0626		100.0	
1	2	1.864	1.867	-0.003	1805036	0.0600	165.5- 215.5	178.1	
1	3	2.265	2.267	-0.002	3753667	0.0587	356.7- 406.7	370.4	
1	4	2.388	2.389	-0.001	1597506	0.0591	144.0- 194.0	157.6	
1	5	2.773	2.774	-0.001	1692303	0.0599	153.1- 203.1	167.0	
			Average of Peak Amounts =			0.0601			
2	6	2.137	2.137	0.000	2827331	0.0624		100.0	
2	7	2.537	2.537	0.000	5197213	0.0594	165.6- 225.6	183.8	
2	8	2.992	2.992	0.000	9923551	0.0546	366.1- 426.1	351.0	
2	9	3.131	3.131	0.000	4575977	0.0578	144.6- 204.6	161.8	
2	10	3.617	3.617	0.000	4157381	0.0631	112.9- 172.9	147.0	
			Average of Peak Amounts =			0.0594			
						RPD = 1.03			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.982	3.982	0.000	2535178	0.0581		100.0	
1	2	4.269	4.270	-0.001	4913018	0.0570	172.1- 222.1	193.8	
1	3	4.548	4.549	-0.001	4729293	0.0560	168.4- 218.4	186.5	
1	4	5.247	5.249	-0.002	6293917	0.0532	244.3- 294.3	248.3	
1	5	5.529	5.532	-0.003	3081905	0.0549	104.3- 154.3	121.6	
			Average of Peak Amounts =			0.0559			
2	6	4.950	4.951	-0.001	7127457	0.0549		100.0	
2	7	5.181	5.182	-0.001	7928500	0.0546	80.1- 140.1	111.2	
2	8	5.546	5.547	-0.001	12267735	0.0531	146.6- 206.6	172.1	
2	9	6.231	6.232	-0.001	14050553	0.0523	174.1- 234.1	197.1	
2	10	6.610	6.611	-0.001	10831595	0.0541	121.8- 181.8	152.0	
			Average of Peak Amounts =			0.0538			
						RPD = 3.78			
$ 12 DCB Decachlorobiphenyl									
1	100	6.682	6.682	0.000	3102680	0.003042			
2	2	7.841	7.842	-0.001	9239527	0.003123			
						RPD = 2.64			

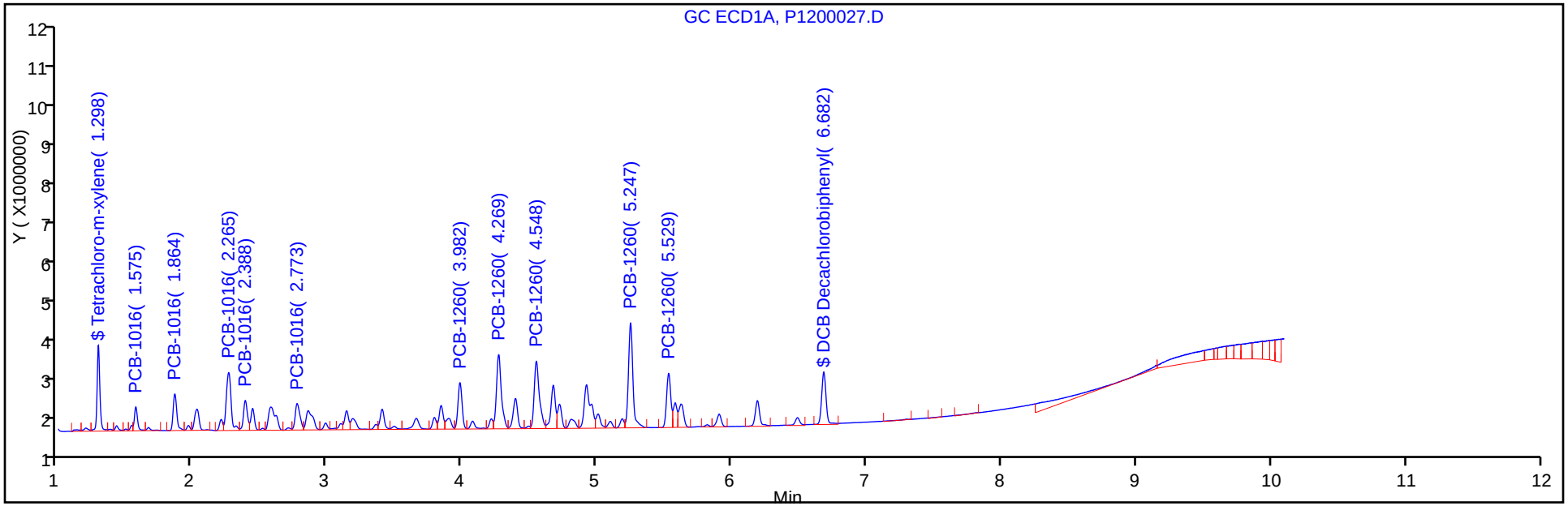
Report Date: 02-Apr-2013 07:00:59 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

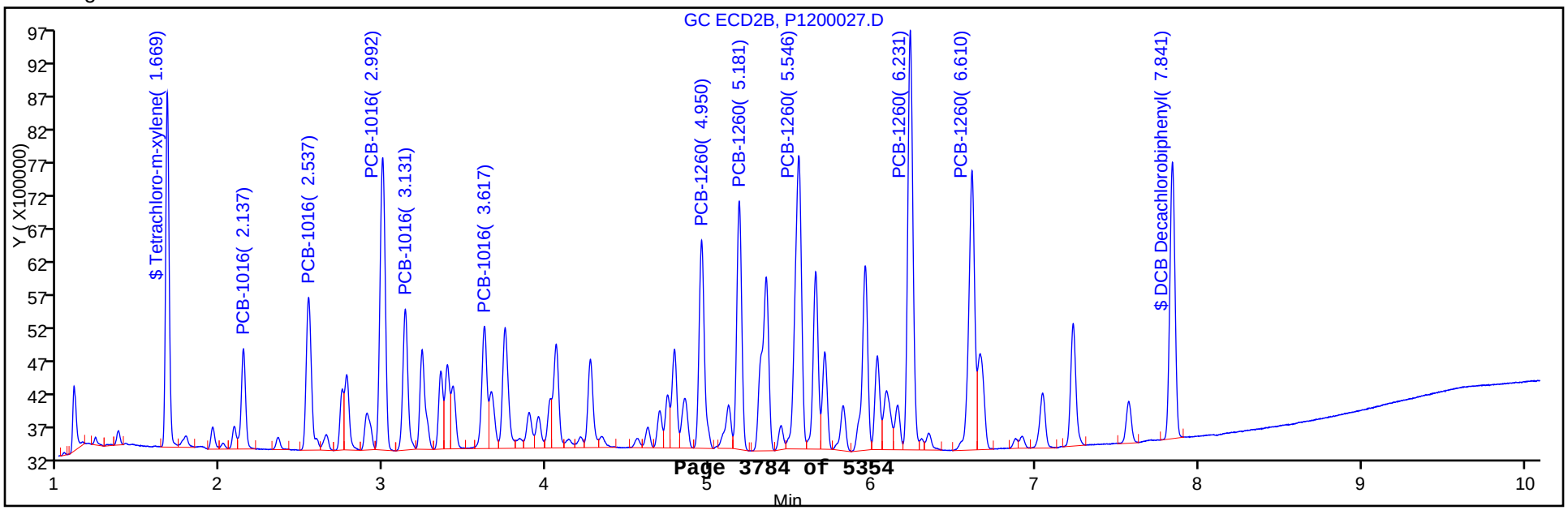
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200027.D

Injection Date:	01-Apr-2013 15:53:55	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200028.D
Lims ID: STD01 1660 Client ID:
Inject. Date: 01-Apr-2013 16:08:00 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0018420-028
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 28
Lims Batch ID: 80043 Lims Sample ID: 28
Sublist: chrom-PCB12*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:00 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.297	1.297	0.000	4853467	0.004948			
2	2	1.670	1.670	0.000	12911045	0.004837			
						RPD = 2.28			
6 PCB-1016									
1	100	1.576	1.576	0.000	1754933	0.1084		100.0	
1	2	1.865	1.867	-0.002	3349566	0.1114	165.5- 215.5	190.9	
1	3	2.266	2.267	-0.001	7045042	0.1101	356.7- 406.7	401.4	
1	4	2.389	2.389	0.000	2935287	0.1086	144.0- 194.0	167.3	
1	5	2.773	2.774	-0.001	3066378	0.1085	153.1- 203.1	174.7	
			Average of Peak Amounts =			0.1094			
2	6	2.136	2.137	-0.001	5003938	0.1105		100.0	
2	7	2.536	2.537	-0.001	9626665	0.1100	165.6- 225.6	192.4	
2	8	2.992	2.992	0.000	18793064	0.1033	366.1- 426.1	375.6	
2	9	3.131	3.131	0.000	8444951	0.1066	144.6- 204.6	168.8	
2	10	3.616	3.617	-0.001	7322022	0.1111	112.9- 172.9	146.3	
			Average of Peak Amounts =			0.1083			
						RPD = 1.01			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.982	3.982	0.000	4805580	0.1102		100.0	
1	2	4.268	4.270	-0.002	9396077	0.1091	172.1- 222.1	195.5	
1	3	4.547	4.549	-0.002	9137528	0.1082	168.4- 218.4	190.1	
1	4	5.247	5.249	-0.002	12530754	0.1059	244.3- 294.3	260.8	
1	5	5.530	5.532	-0.002	6052776	0.1078	104.3- 154.3	126.0	
			Average of Peak Amounts =			0.1083			
2	6	4.950	4.951	-0.001	13877603	0.1069		100.0	
2	7	5.181	5.182	-0.001	15562865	0.1071	80.1- 140.1	112.1	
2	8	5.546	5.547	-0.001	24203403	0.1047	146.6- 206.6	174.4	
2	9	6.232	6.232	0.000	27866839	0.1037	174.1- 234.1	200.8	
2	10	6.610	6.611	-0.001	21431673	0.1071	121.8- 181.8	154.4	
			Average of Peak Amounts =			0.1059			
						RPD = 2.21			
$ 12 DCB Decachlorobiphenyl									
1	100	6.681	6.682	-0.001	5112286	0.005012			
2	2	7.841	7.842	-0.001	15429937	0.005216			
						RPD = 3.98			

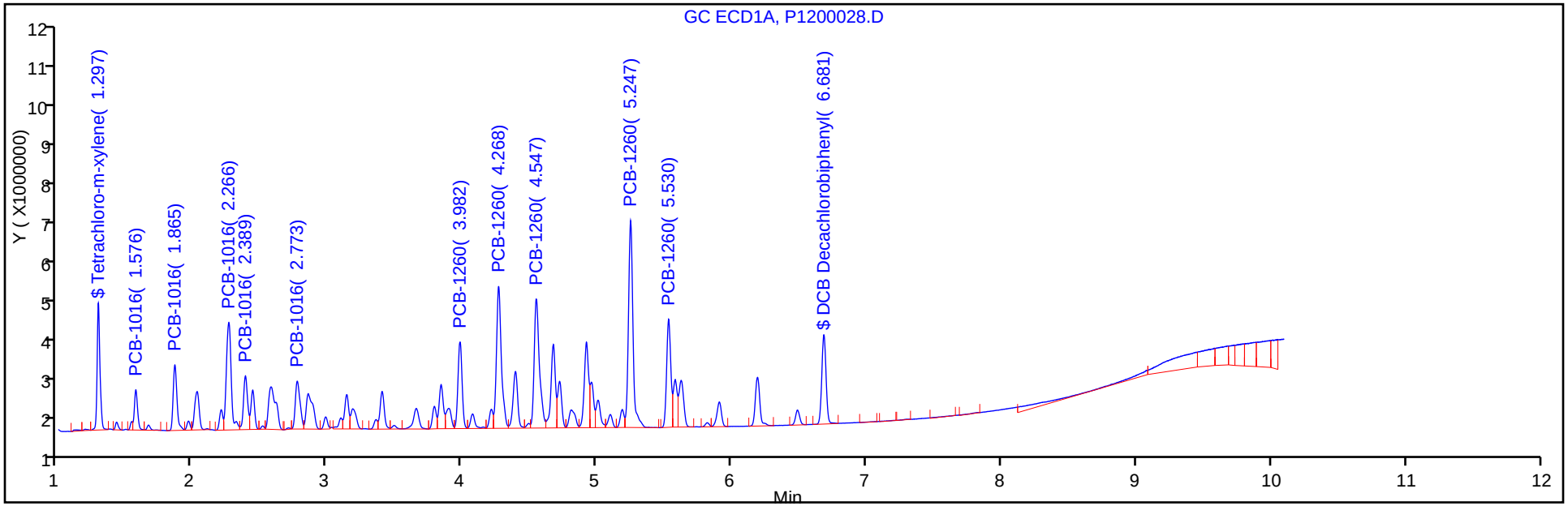
Report Date: 02-Apr-2013 07:01:01 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

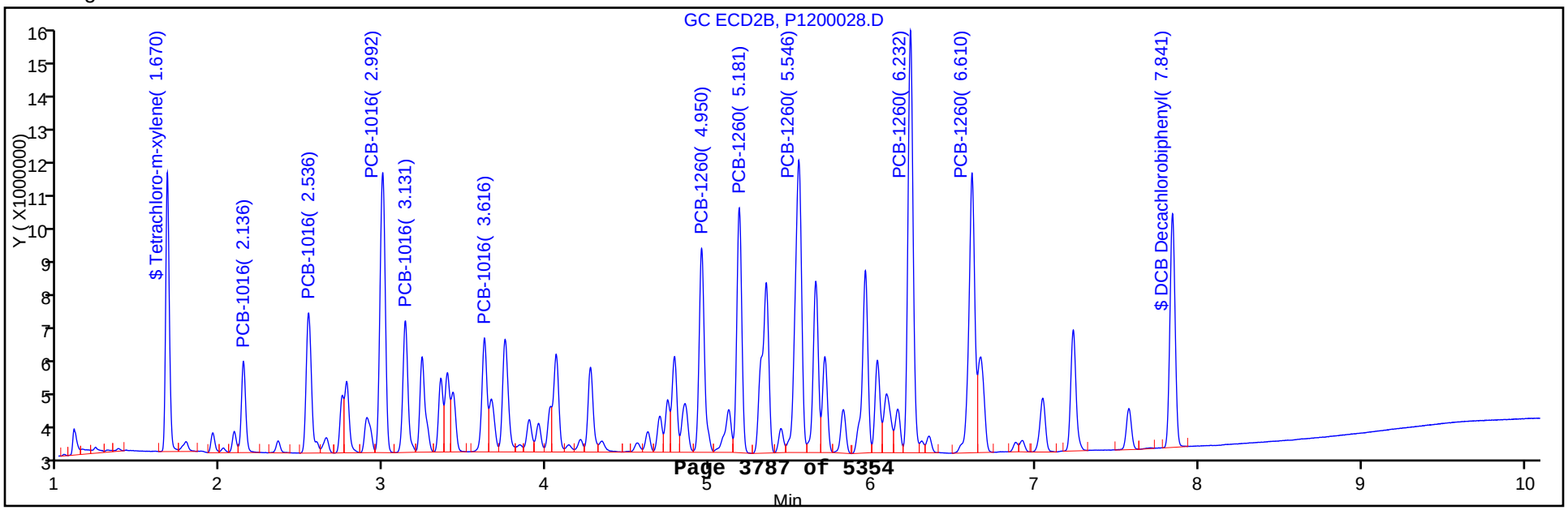
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200028.D

Injection Date:	01-Apr-2013 16:08:00	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200029.D
Lims ID: STD02 1660 Client ID:
Inject. Date: 01-Apr-2013 16:22:05 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0018420-029
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 29
Lims Batch ID: 80043 Lims Sample ID: 29
Sublist: chrom-PCB12*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

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

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.297	1.297	0.000	10002023	0.0102			
2	2	1.669	1.670	-0.001	26046599	0.009757			
						RPD = 4.41			
6 PCB-1016									
1	100	1.575	1.576	-0.001	3277030	0.2025		100.0	
1	2	1.865	1.867	-0.002	6243084	0.2076	165.5- 215.5	190.5	
1	3	2.266	2.267	-0.001	12508571	0.1955	356.7- 406.7	381.7	
1	4	2.387	2.389	-0.002	5536705	0.2049	144.0- 194.0	169.0	
1	5	2.773	2.774	-0.001	5835122	0.2065	153.1- 203.1	178.1	
			Average of Peak Amounts =			0.2034			
2	6	2.136	2.137	-0.001	9204649	0.2032		100.0	
2	7	2.536	2.537	-0.001	18004295	0.2058	165.6- 225.6	195.6	
2	8	2.992	2.992	0.000	36461517	0.2004	366.1- 426.1	396.1	
2	9	3.131	3.131	0.000	16069361	0.2029	144.6- 204.6	174.6	
2	10	3.617	3.617	0.000	13152466	0.1996	112.9- 172.9	142.9	
			Average of Peak Amounts =			0.2024			
						RPD = 0.50			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.981	3.982	-0.001	8910620	0.2044		100.0	
1	2	4.268	4.270	-0.002	17562160	0.2039	172.1- 222.1	197.1	
1	3	4.548	4.549	-0.001	17233115	0.2041	168.4- 218.4	193.4	
1	4	5.247	5.249	-0.002	23995947	0.2028	244.3- 294.3	269.3	
1	5	5.531	5.532	-0.001	11517380	0.2052	104.3- 154.3	129.3	
			Average of Peak Amounts =			0.2041			
2	6	4.951	4.951	0.000	26263179	0.2022		100.0	
2	7	5.181	5.182	-0.001	28928326	0.1991	80.1- 140.1	110.1	
2	8	5.547	5.547	0.000	46386377	0.2007	146.6- 206.6	176.6	
2	9	6.231	6.232	-0.001	53606777	0.1995	174.1- 234.1	204.1	
2	10	6.611	6.611	0.000	39868093	0.1992	121.8- 181.8	151.8	
			Average of Peak Amounts =			0.2001			
						RPD = 1.95			
$ 12 DCB Decachlorobiphenyl									
1	100	6.681	6.682	-0.001	10255214	0.0101			
2	2	7.841	7.842	-0.001	29665889	0.0100			
						RPD = 0.26			

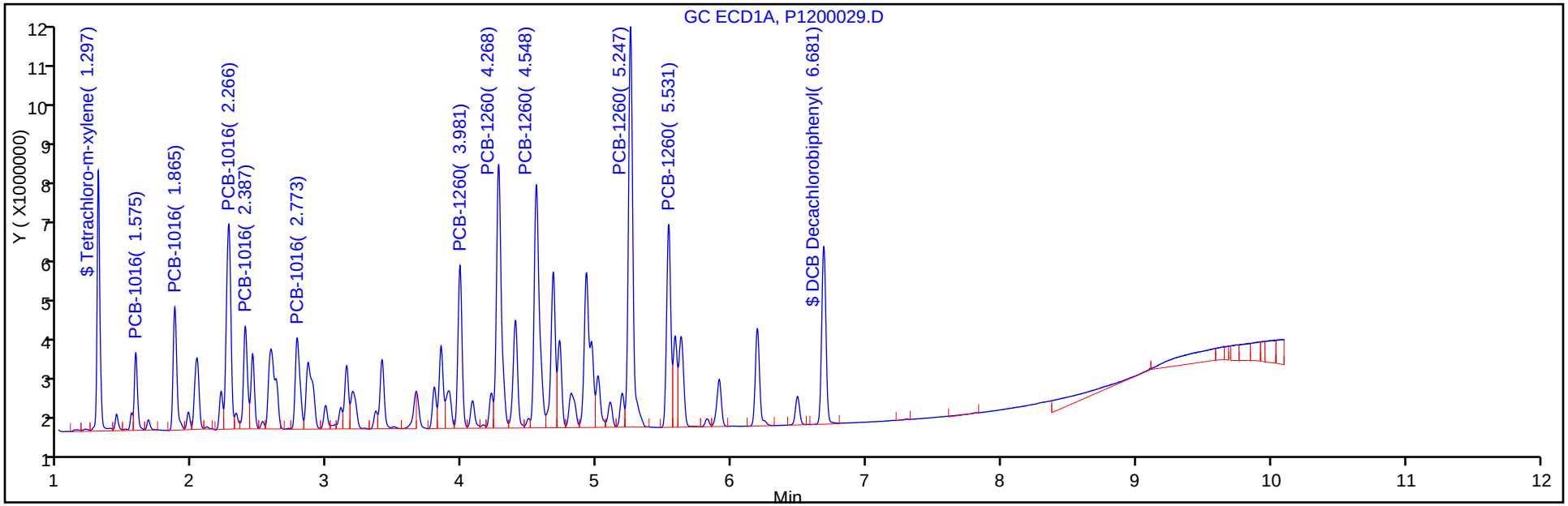
Report Date: 02-Apr-2013 07:01:04 Chrom Revision: 2.0 01-Feb-2013 10:03:10

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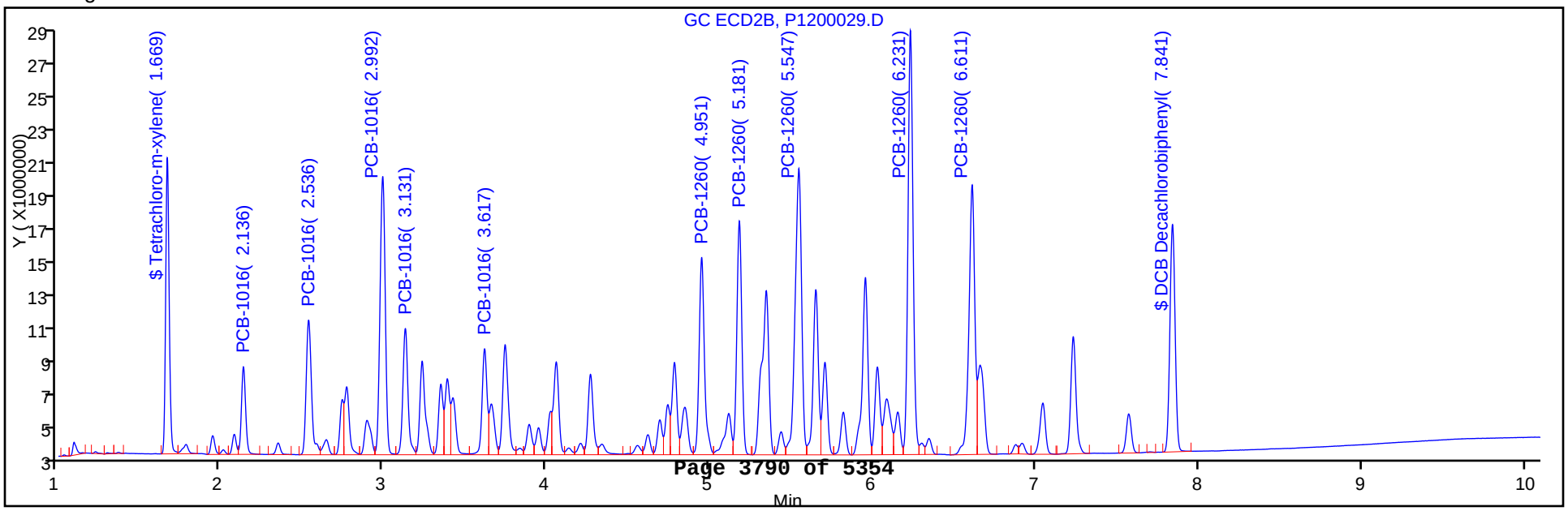
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200029.D

Injection Date:	01-Apr-2013 16:22:05	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	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:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200030.D
Lims ID: STD05 1660 Client ID:
Inject. Date: 01-Apr-2013 16:36:20 Dil. Factor: 1.0000
Sample Type: ICRT Calib Level: 4
Sample ID: 240-0018420-030
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 30
Lims Batch ID: 80043 Lims Sample ID: 30
Sublist: chrom-PCB12*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:05 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.297	1.297	0.000	23096445	0.0235			
2	2	1.670	1.670	0.000	63122604	0.0236			
						RPD = 0.42			
6 PCB-1016									
1	100	1.576	1.576	0.000	8059641	0.4979		100.0	
1	2	1.867	1.867	0.000	14546395	0.4837	165.5- 215.5	180.5	
1	3	2.267	2.267	0.000	31989590	0.5000	356.7- 406.7	396.9	
1	4	2.389	2.389	0.000	13189252	0.4881	144.0- 194.0	163.6	
1	5	2.774	2.774	0.000	13664011	0.4836	153.1- 203.1	169.5	
			Average of Peak Amounts =			0.4907			
2	6	2.137	2.137	0.000	21094722	0.4657		100.0	
2	7	2.537	2.537	0.000	41495741	0.4743	165.6- 225.6	196.7	
2	8	2.992	2.992	0.000	89383091	0.4914	366.1- 426.1	423.7	
2	9	3.131	3.131	0.000	37993571	0.4797	144.6- 204.6	180.1	
2	10	3.617	3.617	0.000	30174905	0.4580	112.9- 172.9	143.0	
			Average of Peak Amounts =			0.4738			
						RPD = 3.50			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.982	3.982	0.000	20882983	0.4790		100.0	
1	2	4.270	4.270	0.000	41439198	0.4812	172.1- 222.1	198.4	
1	3	4.549	4.549	0.000	40872672	0.4840	168.4- 218.4	195.7	
1	4	5.249	5.249	0.000	58076312	0.4908	244.3- 294.3	278.1	
1	5	5.532	5.532	0.000	26846334	0.4783	104.3- 154.3	128.6	
			Average of Peak Amounts =			0.4827			
2	6	4.951	4.951	0.000	62561490	0.4817		100.0	
2	7	5.182	5.182	0.000	70356206	0.4843	80.1- 140.1	112.5	
2	8	5.547	5.547	0.000	112947889	0.4886	146.6- 206.6	180.5	
2	9	6.232	6.232	0.000	131401321	0.4889	174.1- 234.1	210.0	
2	10	6.611	6.611	0.000	96690545	0.4831	121.8- 181.8	154.6	
			Average of Peak Amounts =			0.4853			
						RPD = 0.55			
$ 12 DCB Decachlorobiphenyl									
1	100	6.682	6.682	0.000	23681444	0.0232			
2	2	7.842	7.842	0.000	67144069	0.0227			
						RPD = 2.27			

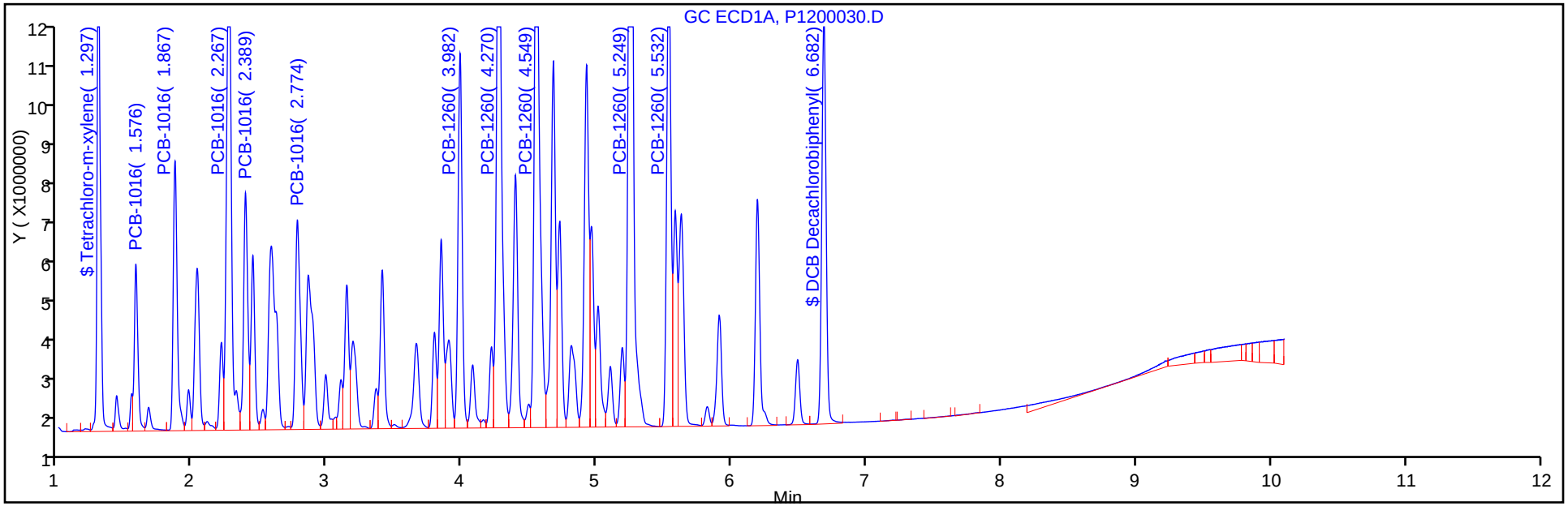
Report Date: 02-Apr-2013 07:01:07 Chrom Revision: 2.0 01-Feb-2013 10:03:10

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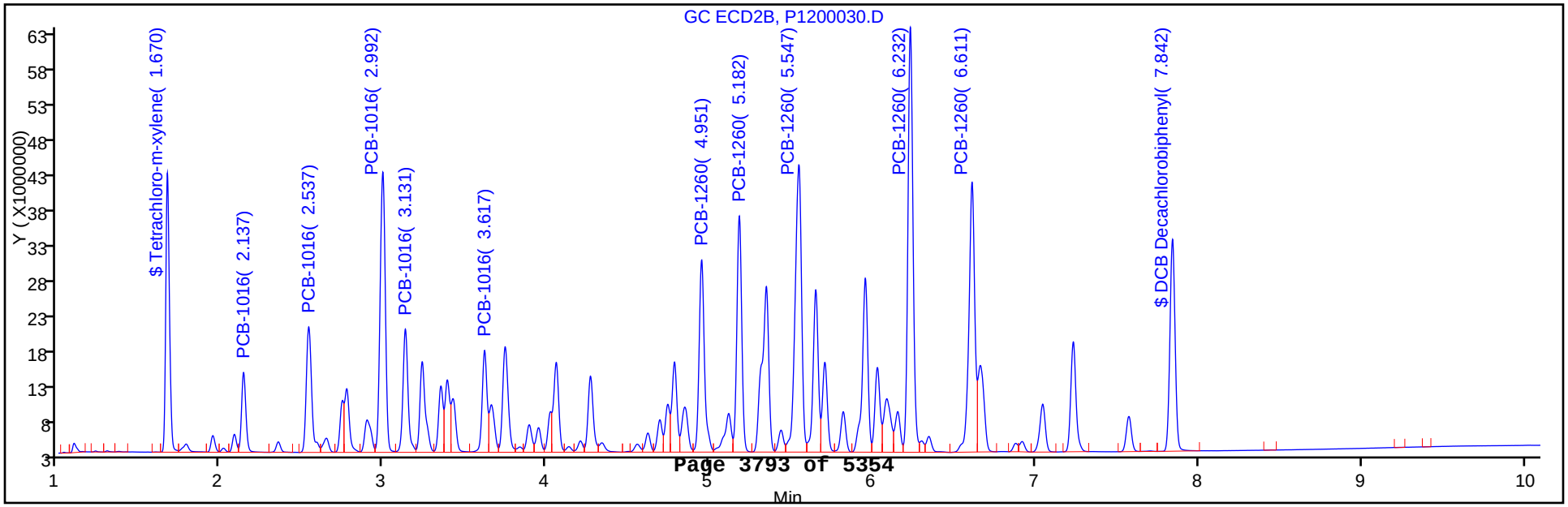
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Injection Date:	01-Apr-2013 16:36:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	Lims Sample ID:	30
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200031.D
Lims ID: STD1 1660 Client ID:
Inject. Date: 01-Apr-2013 16:50:56 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0018420-031
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 31
Lims Batch ID: 80043 Lims Sample ID: 31
Sublist: chrom-PCB12*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

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

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.298	1.297	0.001	44546019	0.0454			
2	2	1.669	1.670	-0.001	130621169	0.0489			
						RPD = 7.45			
6 PCB-1016									
1	100	1.576	1.576	0.000	13966606	0.8629		100.0	
1	2	1.866	1.867	-0.001	26274663	0.8736	165.5- 215.5	188.1	
1	3	2.267	2.267	0.000	55817578	0.8724	356.7- 406.7	399.7	
1	4	2.389	2.389	0.000	24058106	0.8904	144.0- 194.0	172.3	
1	5	2.775	2.774	0.001	24952974	0.8832	153.1- 203.1	178.7	
			Average of Peak Amounts =			0.8765			
2	6	2.136	2.137	-0.001	39936674	0.8816		100.0	
2	7	2.536	2.537	-0.001	78636693	0.8988	165.6- 225.6	196.9	
2	8	2.992	2.992	0.000	174347268	0.9585	366.1- 426.1	436.6	
2	9	3.130	3.131	-0.001	72864607	0.9199	144.6- 204.6	182.5	
2	10	3.617	3.617	0.000	57801890	0.8773	112.9- 172.9	144.7	
			Average of Peak Amounts =			0.9072			
						RPD = 3.44			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.983	3.982	0.001	39185619	0.8988		100.0	
1	2	4.269	4.270	-0.001	78767064	0.9146	172.1- 222.1	201.0	
1	3	4.549	4.549	0.000	78054512	0.9243	168.4- 218.4	199.2	
1	4	5.248	5.249	-0.001	113301191	0.9576	244.3- 294.3	289.1	
1	5	5.530	5.532	-0.002	52775219	0.9403	104.3- 154.3	134.7	
			Average of Peak Amounts =			0.9271			
2	6	4.949	4.951	-0.002	121963379	0.9392		100.0	
2	7	5.181	5.182	-0.001	137053703	0.9435	80.1- 140.1	112.4	
2	8	5.546	5.547	-0.001	222288293	0.9617	146.6- 206.6	182.3	
2	9	6.231	6.232	-0.001	262239136	0.9757	174.1- 234.1	215.0	
2	10	6.610	6.611	-0.001	190139052	0.9500	121.8- 181.8	155.9	
			Average of Peak Amounts =			0.9540			
						RPD = 2.86			
$ 12 DCB Decachlorobiphenyl									
1	100	6.682	6.682	0.000	48633746	0.0477			
2	2	7.842	7.842	0.000	136671507	0.0462			
						RPD = 3.16			

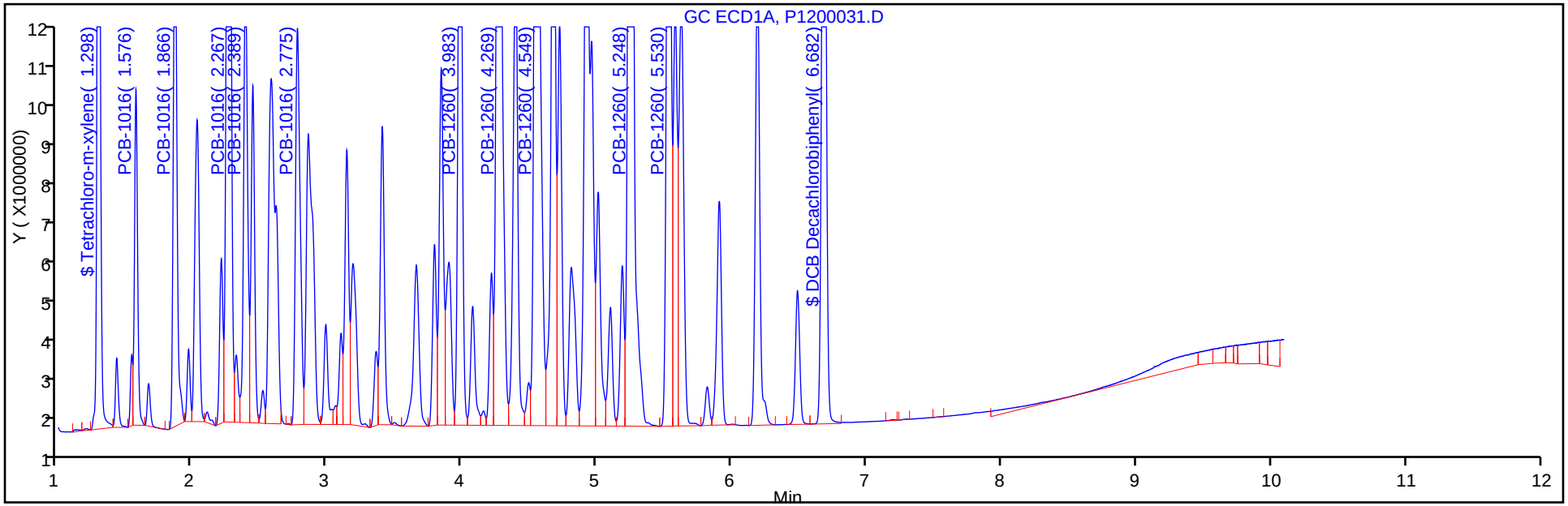
Report Date: 02-Apr-2013 07:01:08 Chrom Revision: 2.0 01-Feb-2013 10:03:10

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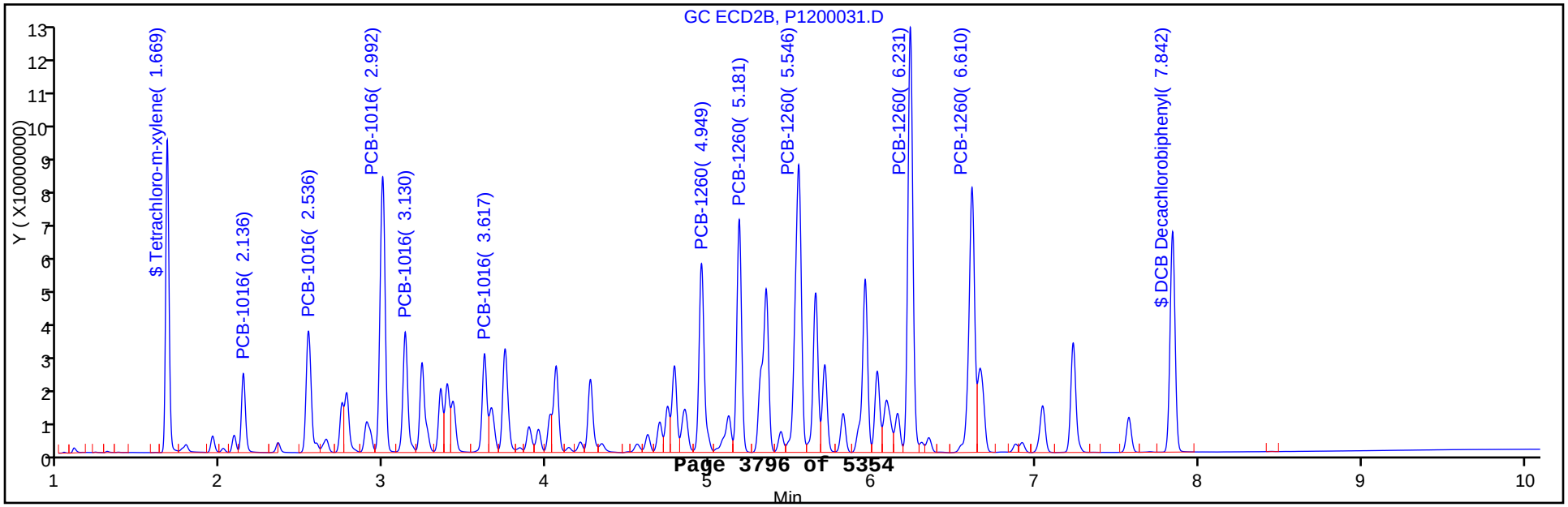
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Injection Date:	01-Apr-2013 16:50:56	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	Lims Sample ID:	31
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200032.D
Lims ID: STD2 1660 Client ID:
Inject. Date: 01-Apr-2013 17:05:04 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0018420-032
Misc. Info.:
Operator: Instrument ID: A2HP12
Injection Vol: 1.0 ul ALS Bottle#: 32
Lims Batch ID: 80043 Lims Sample ID: 32
Sublist: chrom-PCB12*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\PCB12.m
Last Update: 02-Apr-2013 07:01:09 Calib Date: 01-Apr-2013 19:55:41
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK018

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.298	1.297	0.001	81115706	0.0827			
2	2	1.669	1.670	-0.001	247792203	0.0928			
						RPD = 11.54			
6 PCB-1016									
1	100	1.575	1.576	-0.001	25655988	1.59		100.0	
1	2	1.865	1.867	-0.002	48545647	1.61	165.5- 215.5	189.2	
1	3	2.266	2.267	-0.001	112067941	1.75	356.7- 406.7	436.8	
1	4	2.388	2.389	-0.001	45399344	1.68	144.0- 194.0	177.0	
1	5	2.773	2.774	-0.001	47107376	1.67	153.1- 203.1	183.6	
			Average of Peak Amounts =			1.66			
2	6	2.137	2.137	0.000	74124205	1.64		100.0	
2	7	2.537	2.537	0.000	146212998	1.67	165.6- 225.6	197.3	
2	8	2.993	2.992	0.001	339157302	1.86	366.1- 426.1	457.6	
2	9	3.131	3.131	0.000	140157047	1.77	144.6- 204.6	189.1	
2	10	3.618	3.617	0.001	110079222	1.67	112.9- 172.9	148.5	
			Average of Peak Amounts =			1.72			
						RPD = 3.71			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.982	3.982	0.000	74650216	1.71		100.0	
1	2	4.269	4.270	-0.001	150110512	1.74	172.1- 222.1	201.1	
1	3	4.548	4.549	-0.001	149497510	1.77	168.4- 218.4	200.3	
1	4	5.248	5.249	-0.001	218590027	1.85	244.3- 294.3	292.8	
1	5	5.531	5.532	-0.001	101049791	1.80	104.3- 154.3	135.4	
			Average of Peak Amounts =			1.77			
2	6	4.950	4.951	-0.001	238913410	1.84		100.0	
2	7	5.181	5.182	-0.001	269992181	1.86	80.1- 140.1	113.0	
2	8	5.547	5.547	0.000	438741702	1.90	146.6- 206.6	183.6	
2	9	6.232	6.232	0.000	519698247	1.93	174.1- 234.1	217.5	
2	10	6.610	6.611	-0.001	374085465	1.87	121.8- 181.8	156.6	
			Average of Peak Amounts =			1.88			
						RPD = 5.75			
$ 12 DCB Decachlorobiphenyl									
1	100	6.682	6.682	0.000	91104092	0.0893			
2	2	7.840	7.842	-0.002	258269779	0.0873			
						RPD = 2.28			

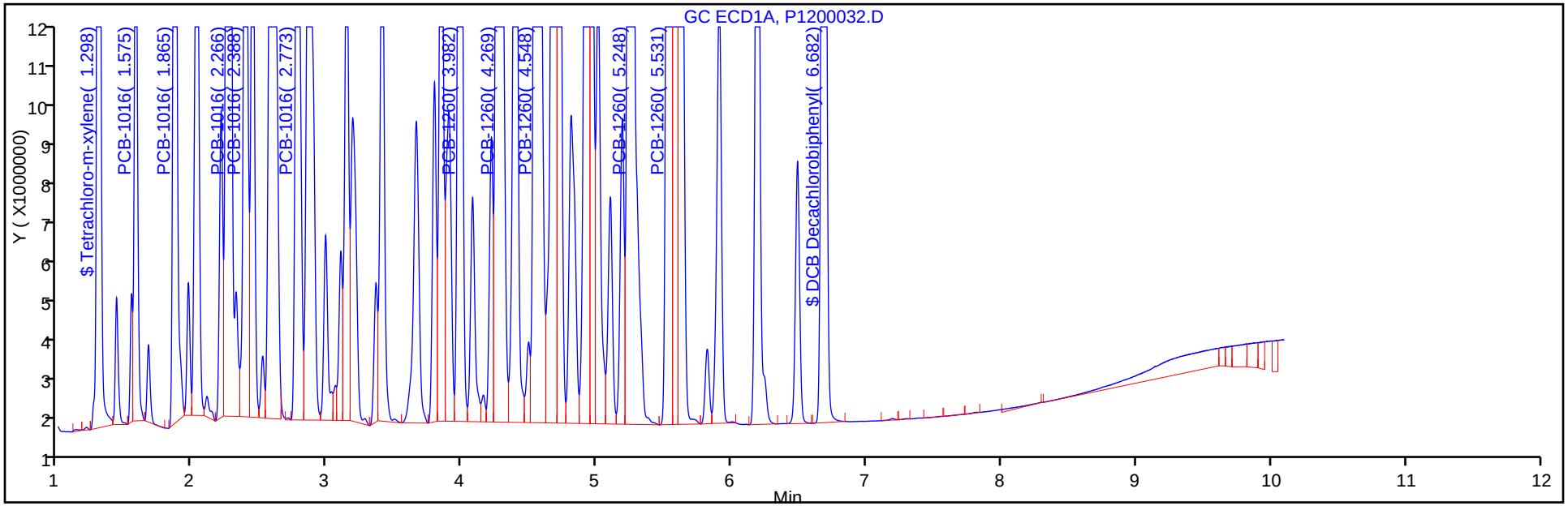
Report Date: 02-Apr-2013 07:01:10 Chrom Revision: 2.0 01-Feb-2013 10:03:10

TestAmerica Canton

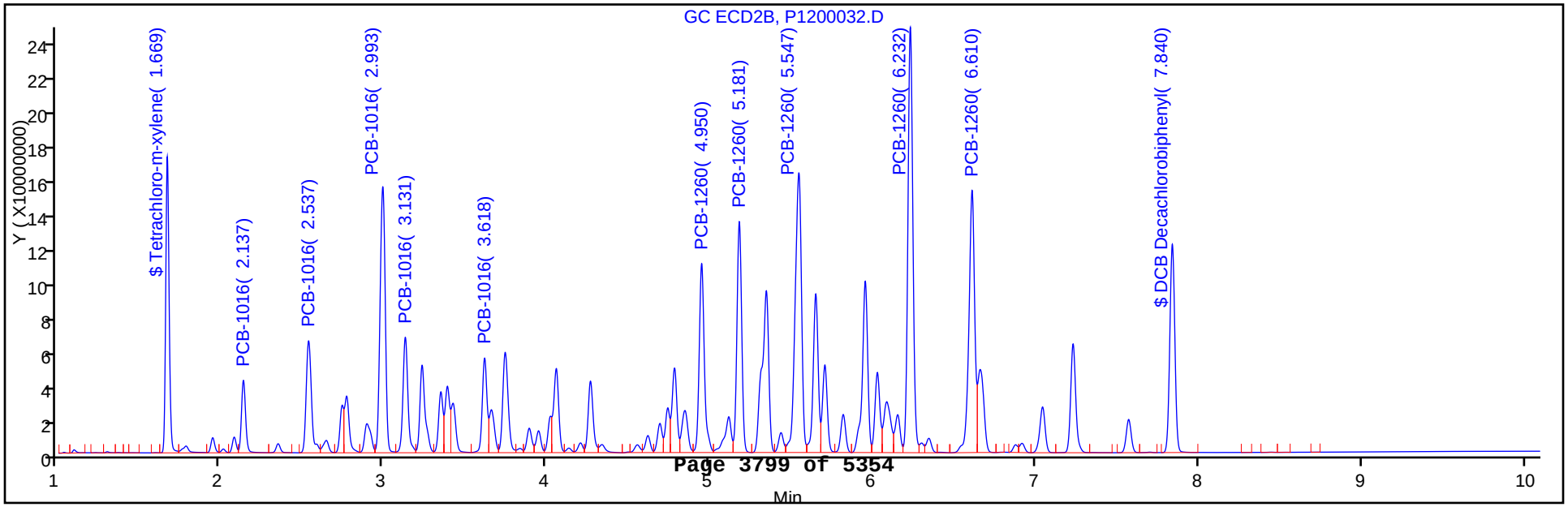
Data File: \\Ncchrom\ChromData\A2HP12\20130401-18420.b\P1200032.D

Injection Date:	01-Apr-2013 17:05:04	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP12
Lims Batch ID:	80043	Lims Sample ID:	32
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling:



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1 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.: 240-22648-1 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.: 240-22648-1 Analy Batch No.: 81761

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2013 23:42 Calibration End Date: 04/15/2013 01:00 Calibration ID: 14509

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-81761/3	P4000003.D
Level 2	STD01 240-81761/4	P4000004.D
Level 3	STD02 240-81761/5	P4000005.D
Level 4	STD05 240-81761/6	P4000006.D
Level 5	STD1 240-81761/7	P4000007.D
Level 6	STD2 240-81761/8	P4000008.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1232 Peak 1	Ave	1734590 51756980	3281803	6234384	14125994	27056868	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 2	Ave	1221014 36272560	2539513	4764043	9868532	18766909	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 3	Ave	2185193 78906477	4149649	7911184	19549004	38931784	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 4	Ave	925611 33938679	1671383	3476503	8754740	17039321	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 5	Ave	898780 30007455	1623841	3406563	7853899	15263717	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000003.D
Lims ID: STD005 1232 Client ID:
Inject. Date: 14-Apr-2013 23:42:10 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0018824-003
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 3
Lims Batch ID: 81761 Lims Sample ID: 3
Sublist: chrom-PCB4*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:34 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK026

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100	1.538	1.538	0.000	1734590	0.0579		100.0	
1	2	1.820	1.820	0.000	1221014	0.0562	51.4- 101.4	70.4	
1	3	2.210	2.210	0.000	2185193	0.0541	101.9- 151.9	126.0	
1	4	2.330	2.330	0.000	925611	0.0533	30.8- 80.8	53.4	
1	5	2.707	2.707	0.000	898780	0.0555	29.6- 79.6	51.8	
			Average of Peak Amounts =			0.0554			
2	6	2.136	2.136	0.000	1715989	0.0588		100.0	
2	7	2.531	2.531	0.000	1423247	0.0600	47.8- 107.8	82.9	
2	8	2.980	2.980	0.000	2325881	0.0547	111.9- 171.9	135.5	
2	9	3.120	3.120	0.000	1232586	0.0618	36.1- 96.1	71.8	
2	10	3.727	3.727	0.000	895382	0.0575	20.4- 80.4	52.2	
			Average of Peak Amounts =			0.0585			
						RPD = 5.51			

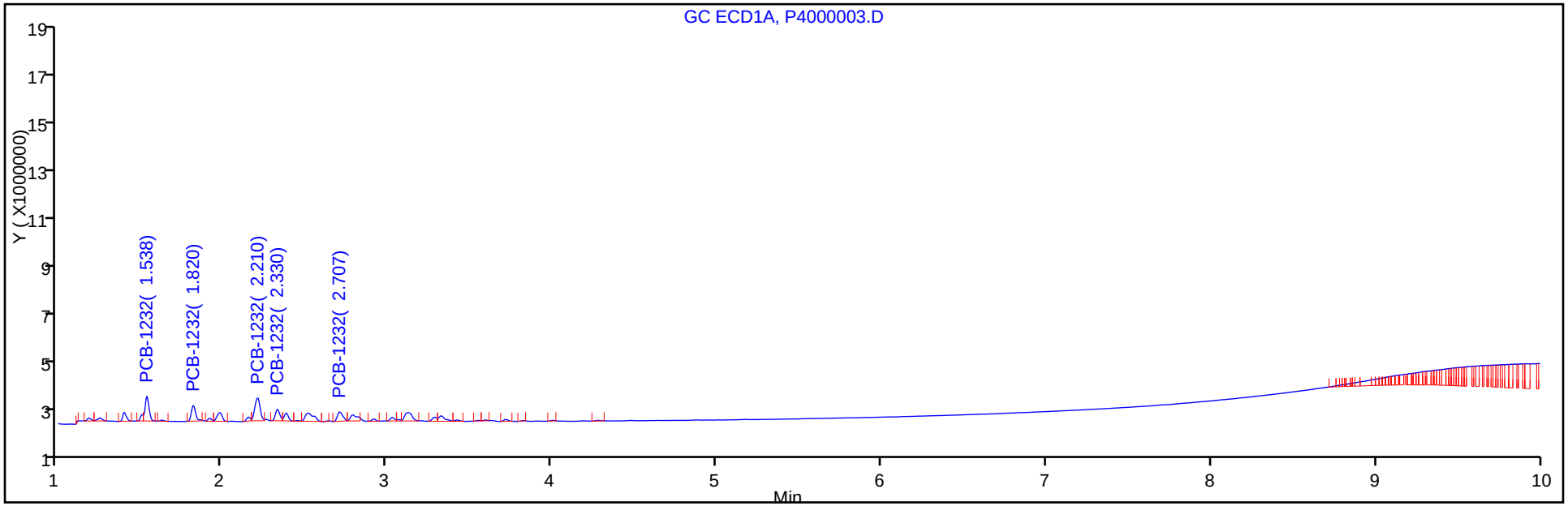
Report Date: 15-Apr-2013 13:04:35 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

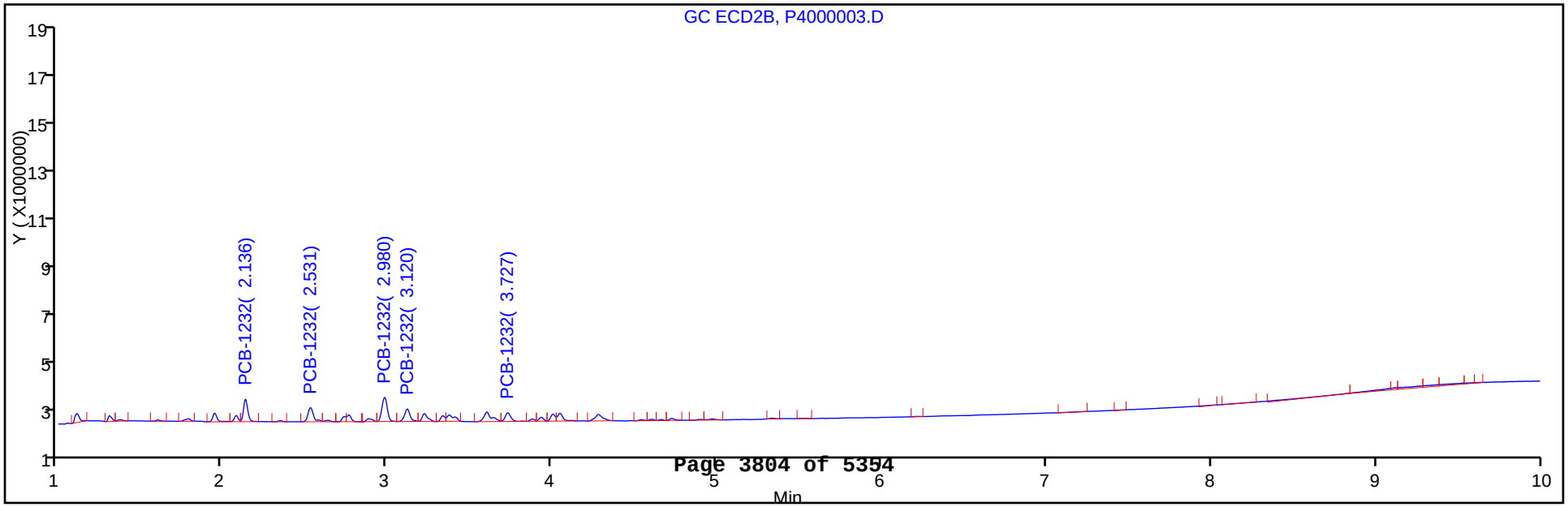
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000003.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000004.D
Lims ID: STD01 1232 Client ID:
Inject. Date: 14-Apr-2013 23:57:54 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0018824-004
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 4
Lims Batch ID: 81761 Lims Sample ID: 4
Sublist: chrom-PCB4*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:36 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK026

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100	1.538	1.538	0.000	3281803	0.1095		100.0	
1	2	1.820	1.820	0.000	2539513	0.1170	51.4- 101.4	77.4	
1	3	2.211	2.210	0.001	4149649	0.1028	101.9- 151.9	126.4	
1	4	2.331	2.330	0.001	1671383	0.0963	30.8- 80.8	50.9	
1	5	2.709	2.707	0.002	1623841	0.1002	29.6- 79.6	49.5	
			Average of Peak Amounts =			0.1051			
2	6	2.137	2.136	0.001	3186451	0.1091		100.0	
2	7	2.532	2.531	0.001	2748679	0.1158	47.8- 107.8	86.3	
2	8	2.983	2.980	0.003	4441797	0.1044	111.9- 171.9	139.4	
2	9	3.122	3.120	0.002	2170154	0.1088	36.1- 96.1	68.1	
2	10	3.730	3.727	0.003	1667373	0.1071	20.4- 80.4	52.3	
			Average of Peak Amounts =			0.1090			
						RPD = 3.64			

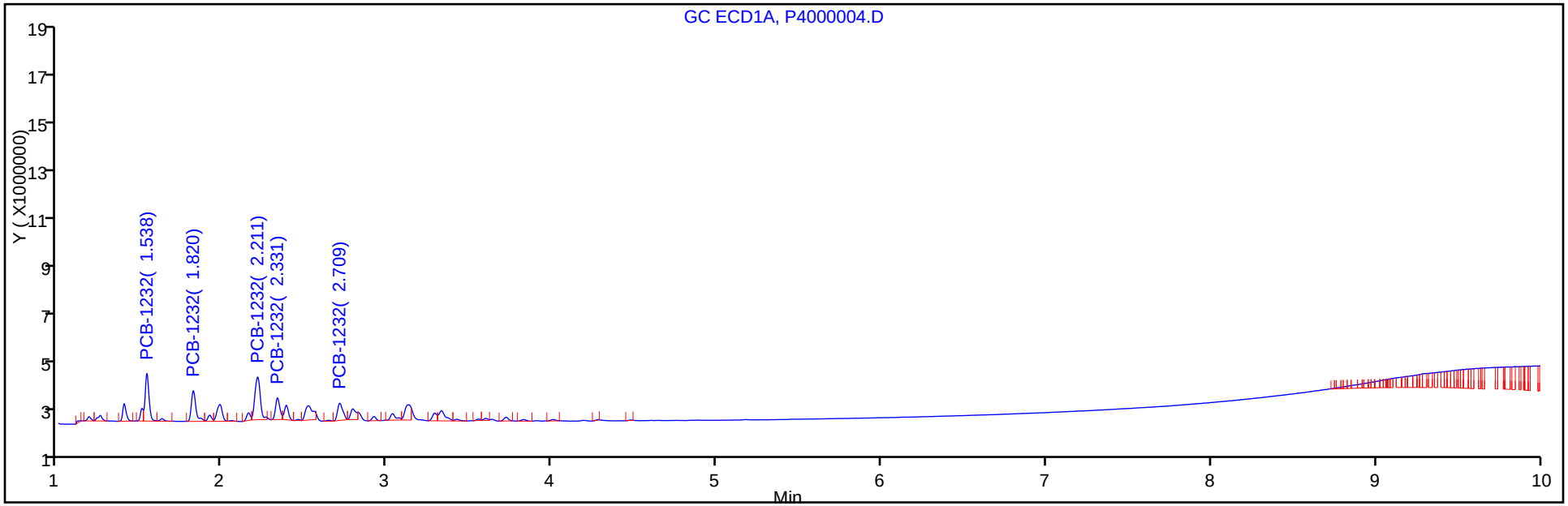
Report Date: 15-Apr-2013 13:04:36 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

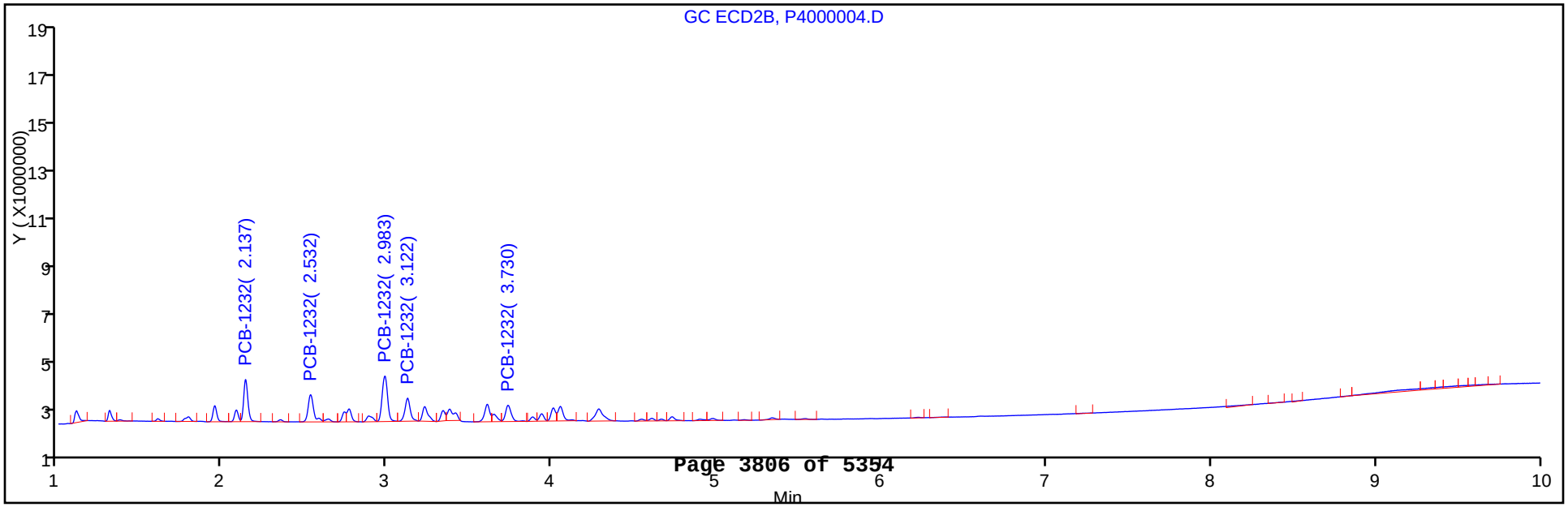
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000004.D

Injection Date:	14-Apr-2013 23:57:54	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000005.D
Lims ID: STD02 1232 Client ID:
Inject. Date: 15-Apr-2013 00:13:40 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0018824-005
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 81761 Lims Sample ID: 5
Sublist: chrom-PCB4*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:37 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK026

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100	1.539	1.538	0.001	6234384	0.2080		100.0	
1	2	1.821	1.820	0.001	4764043	0.2194	51.4- 101.4	76.4	
1	3	2.211	2.210	0.001	7911184	0.1960	101.9- 151.9	126.9	
1	4	2.332	2.330	0.002	3476503	0.2003	30.8- 80.8	55.8	
1	5	2.709	2.707	0.002	3406563	0.2102	29.6- 79.6	54.6	
			Average of Peak Amounts =			0.2068			
2	6	2.138	2.136	0.002	5943640	0.2036		100.0	
2	7	2.533	2.531	0.002	4621768	0.1948	47.8- 107.8	77.8	
2	8	2.984	2.980	0.004	8433984	0.1982	111.9- 171.9	141.9	
2	9	3.122	3.120	0.002	3930765	0.1971	36.1- 96.1	66.1	
2	10	3.732	3.727	0.005	2996608	0.1924	20.4- 80.4	50.4	
			Average of Peak Amounts =			0.1972			
						RPD = 4.73			

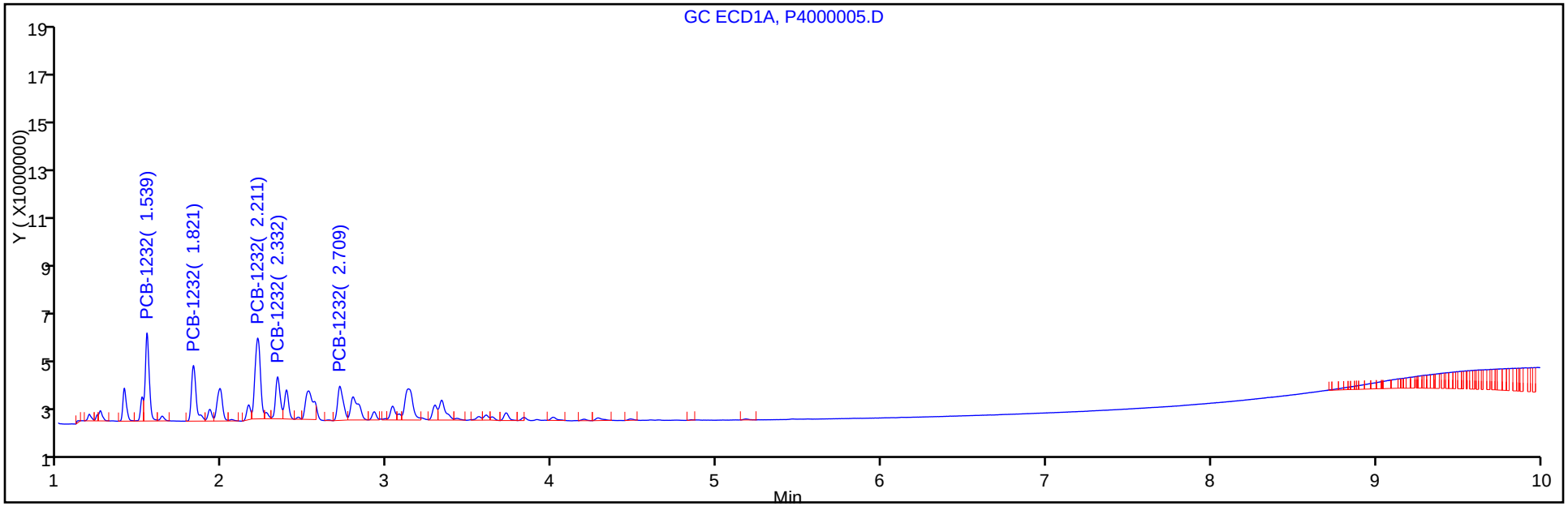
Report Date: 15-Apr-2013 13:04:38 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

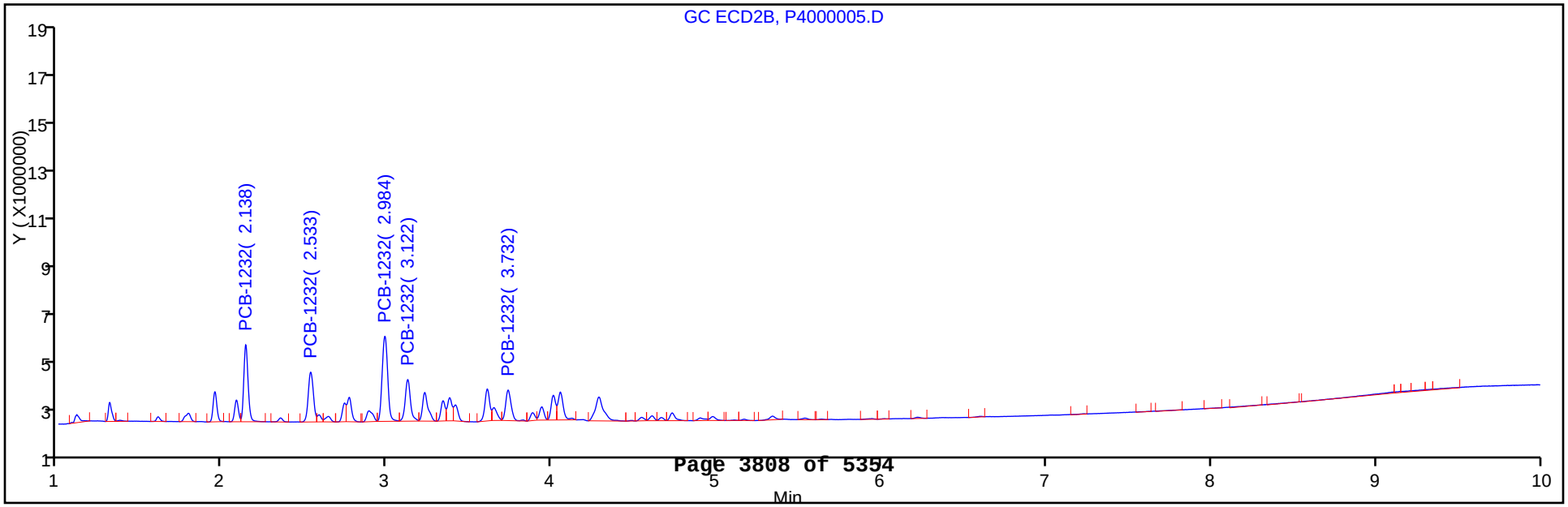
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000005.D

Injection Date:	15-Apr-2013 00:13:40	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	5
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000006.D
Lims ID: STD05 1232 Client ID:
Inject. Date: 15-Apr-2013 00:29:19 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0018824-006
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 81761 Lims Sample ID: 6
Sublist: chrom-PCB4*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:38 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK026

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100	1.539	1.538	0.001	14125994	0.4712		100.0	
1	2	1.821	1.820	0.001	9868532	0.4545	51.4- 101.4	69.9	
1	3	2.211	2.210	0.001	19549004	0.4842	101.9- 151.9	138.4	
1	4	2.332	2.330	0.002	8754740	0.5045	30.8- 80.8	62.0	
1	5	2.710	2.707	0.003	7853899	0.4847	29.6- 79.6	55.6	
			Average of Peak Amounts =			0.4798			
2	6	2.139	2.136	0.003	13574790	0.4649		100.0	
2	7	2.534	2.531	0.003	11644076	0.4907	47.8- 107.8	85.8	
2	8	2.985	2.980	0.005	20093090	0.4722	111.9- 171.9	148.0	
2	9	3.123	3.120	0.003	8887201	0.4457	36.1- 96.1	65.5	
2	10	3.733	3.727	0.006	7197440	0.4622	20.4- 80.4	53.0	
			Average of Peak Amounts =			0.4671			
						RPD = 2.68			

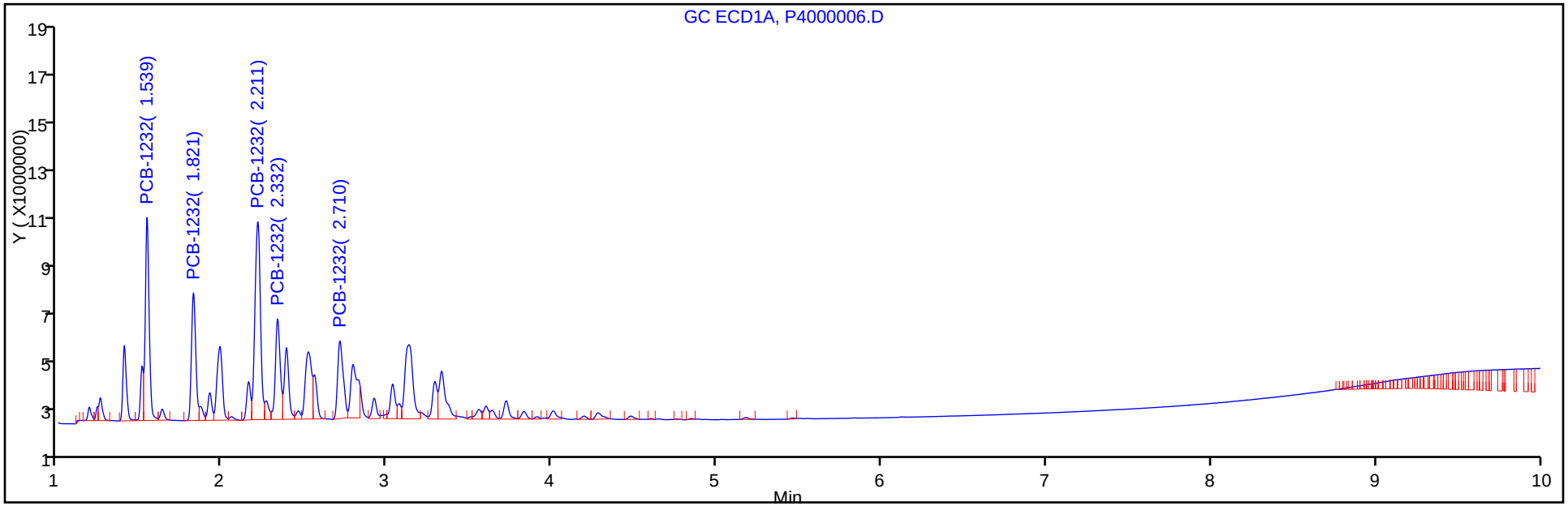
Report Date: 15-Apr-2013 13:04:39 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

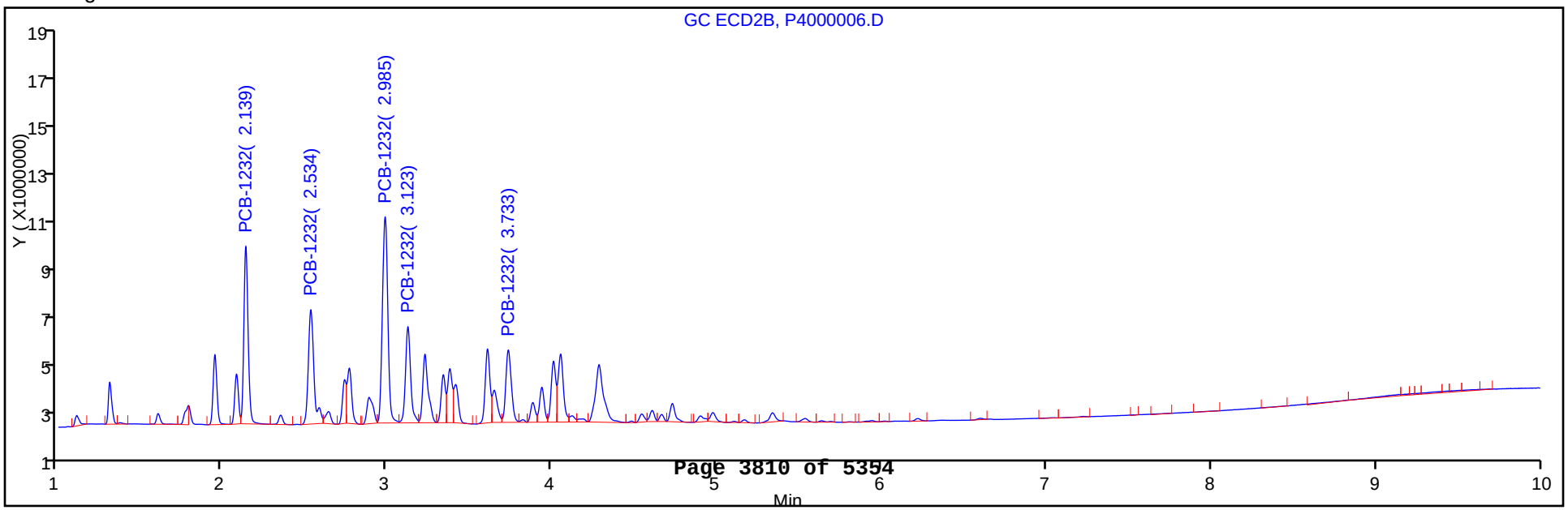
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000006.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000007.D
Lims ID: STD1 1232 Client ID:
Inject. Date: 15-Apr-2013 00:44:57 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0018824-007
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 81761 Lims Sample ID: 7
Sublist: chrom-PCB4*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:40 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK026

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100	1.539	1.538	0.001	27056868	0.9026		100.0	
1	2	1.821	1.820	0.001	18766909	0.8643	51.4- 101.4	69.4	
1	3	2.213	2.210	0.003	38931784	0.9643	101.9- 151.9	143.9	
1	4	2.332	2.330	0.002	17039321	0.9818	30.8- 80.8	63.0	
1	5	2.709	2.707	0.002	15263717	0.9420	29.6- 79.6	56.4	
			Average of Peak Amounts =			0.9310			
2	6	2.138	2.136	0.002	26596872	0.9109		100.0	
2	7	2.533	2.531	0.002	20384639	0.8590	47.8- 107.8	76.6	
2	8	2.984	2.980	0.004	40746418	0.9576	111.9- 171.9	153.2	
2	9	3.123	3.120	0.003	17982813	0.9018	36.1- 96.1	67.6	
2	10	3.733	3.727	0.006	14725802	0.9456	20.4- 80.4	55.4	
			Average of Peak Amounts =			0.9150			
						RPD = 1.74			

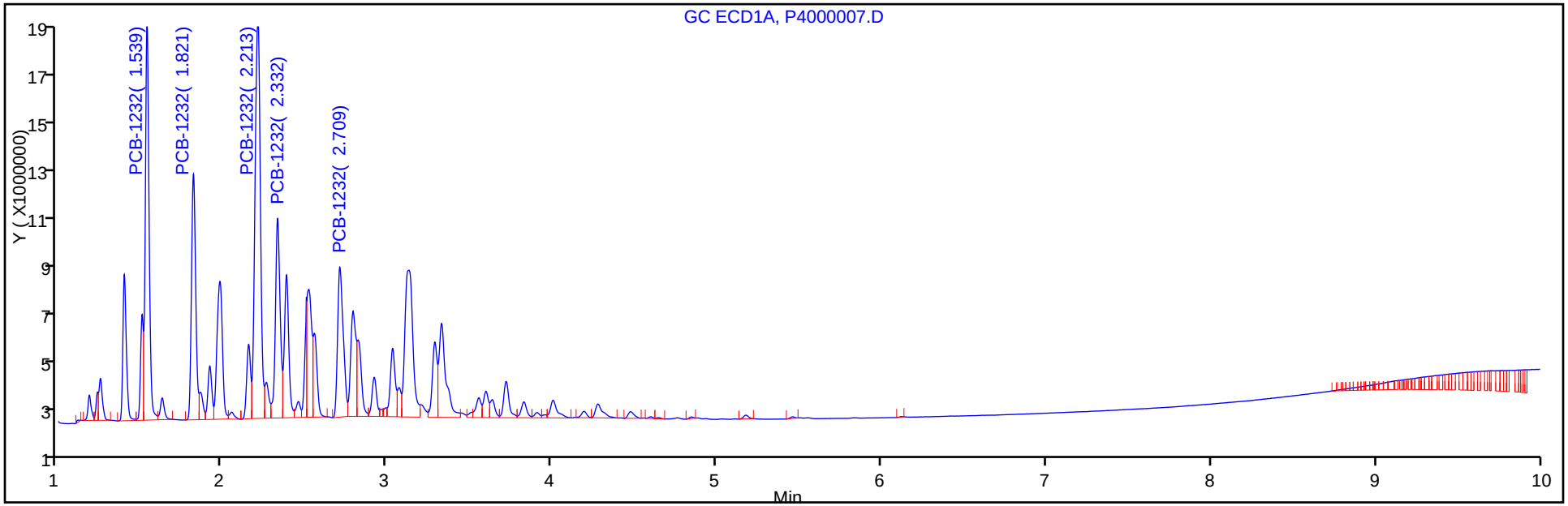
Report Date: 15-Apr-2013 13:04:41 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

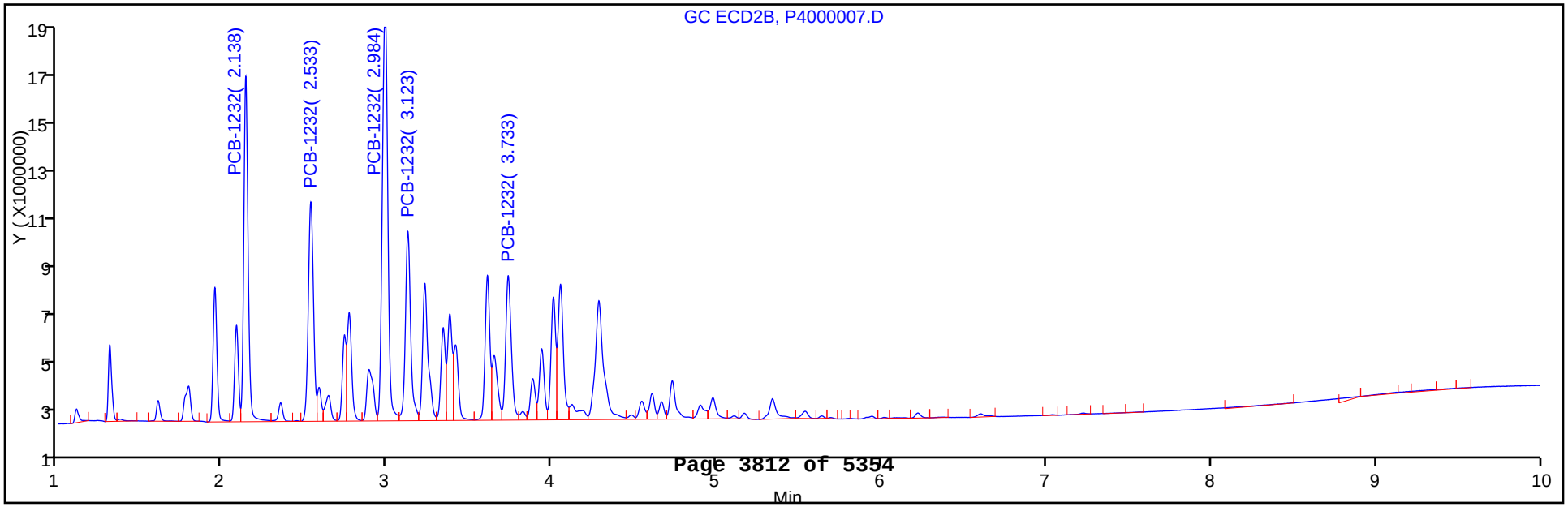
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000007.D

Injection Date:	15-Apr-2013 00:44:57	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000008.D
Lims ID: STD2 1232 Client ID:
Inject. Date: 15-Apr-2013 01:00:35 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0018824-008
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 81761 Lims Sample ID: 8
Sublist: chrom-PCB4*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:41 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK026

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100	1.538	1.538	0.000	51756980	1.73		100.0	
1	2	1.821	1.820	0.001	36272560	1.67	51.4- 101.4	70.1	
1	3	2.211	2.210	0.001	78906477	1.95	101.9- 151.9	152.5	
1	4	2.331	2.330	0.001	33938679	1.96	30.8- 80.8	65.6	
1	5	2.708	2.707	0.001	30007455	1.85	29.6- 79.6	58.0	
			Average of Peak Amounts =			1.83			
2	6	2.138	2.136	0.002	51081361	1.75		100.0	
2	7	2.533	2.531	0.002	39302362	1.66	47.8- 107.8	76.9	
2	8	2.984	2.980	0.004	82540487	1.94	111.9- 171.9	161.6	
2	9	3.123	3.120	0.003	35771213	1.79	36.1- 96.1	70.0	
2	10	3.732	3.727	0.005	29503749	1.89	20.4- 80.4	57.8	
			Average of Peak Amounts =			1.81			
						RPD = 1.38			

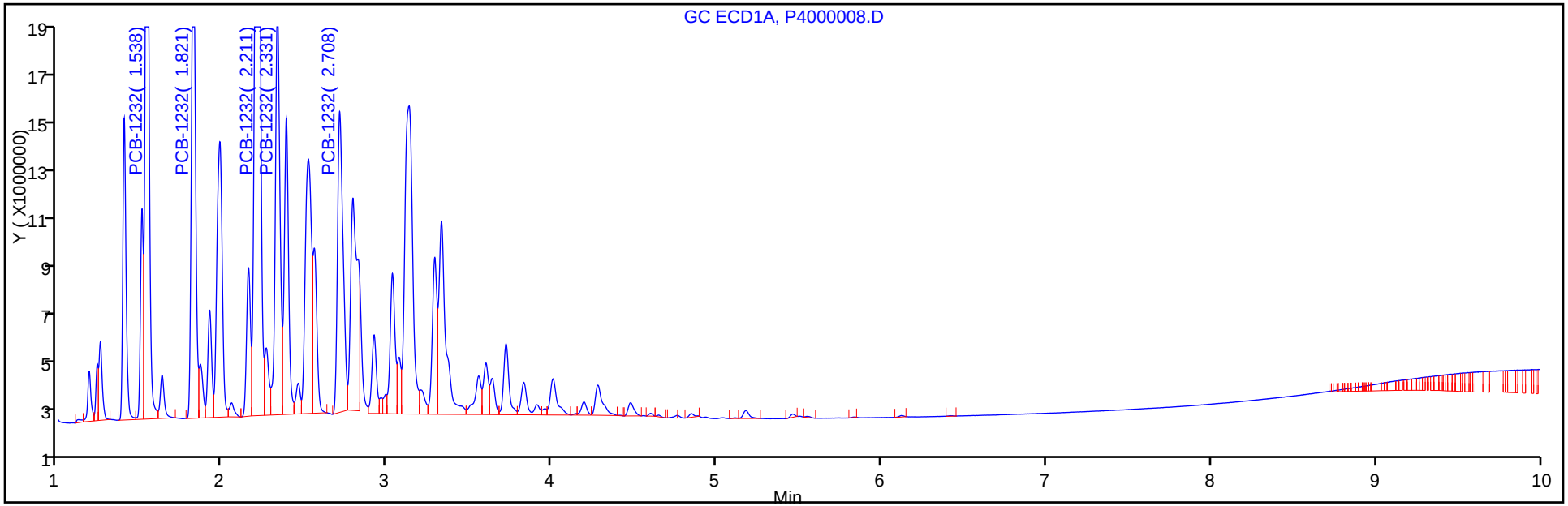
Report Date: 15-Apr-2013 13:04:42 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

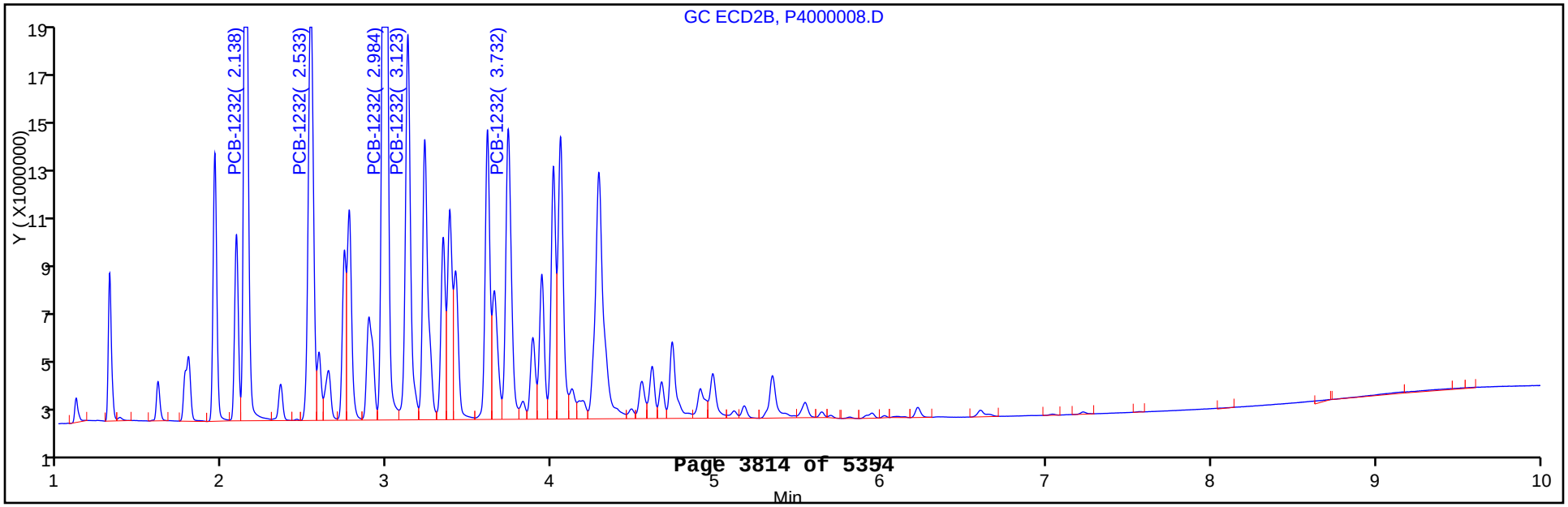
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000008.D

Injection Date:	15-Apr-2013 01:00:35	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1 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.: 240-22648-1 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.: 240-22648-1 Analy Batch No.: 81761

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2013 23:42 Calibration End Date: 04/15/2013 01:00 Calibration ID: 14510

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-81761/3	P4000003.D
Level 2	STD01 240-81761/4	P4000004.D
Level 3	STD02 240-81761/5	P4000005.D
Level 4	STD05 240-81761/6	P4000006.D
Level 5	STD1 240-81761/7	P4000007.D
Level 6	STD2 240-81761/8	P4000008.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1232 Peak 1	Ave	1715989 51081361	3186451	5943640	13574790	26596872	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 2	Ave	1423247 39302362	2748679	4621768	11644076	20384639	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 3	Ave	2325881 82540487	4441797	8433984	20093090	40746418	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 4	Ave	1232586 35771213	2170154	3930765	8887201	17982813	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 5	Ave	895382 29503749	1667373	2996608	7197440	14725802	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000003.D
Lims ID: STD005 1232 Client ID:
Inject. Date: 14-Apr-2013 23:42:10 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0018824-003
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 3
Lims Batch ID: 81761 Lims Sample ID: 3
Sublist: chrom-PCB4*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:34 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK026

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100	1.538	1.538	0.000	1734590	0.0579		100.0	
1	2	1.820	1.820	0.000	1221014	0.0562	51.4- 101.4	70.4	
1	3	2.210	2.210	0.000	2185193	0.0541	101.9- 151.9	126.0	
1	4	2.330	2.330	0.000	925611	0.0533	30.8- 80.8	53.4	
1	5	2.707	2.707	0.000	898780	0.0555	29.6- 79.6	51.8	
			Average of Peak Amounts =			0.0554			
2	6	2.136	2.136	0.000	1715989	0.0588		100.0	
2	7	2.531	2.531	0.000	1423247	0.0600	47.8- 107.8	82.9	
2	8	2.980	2.980	0.000	2325881	0.0547	111.9- 171.9	135.5	
2	9	3.120	3.120	0.000	1232586	0.0618	36.1- 96.1	71.8	
2	10	3.727	3.727	0.000	895382	0.0575	20.4- 80.4	52.2	
			Average of Peak Amounts =			0.0585			
						RPD = 5.51			

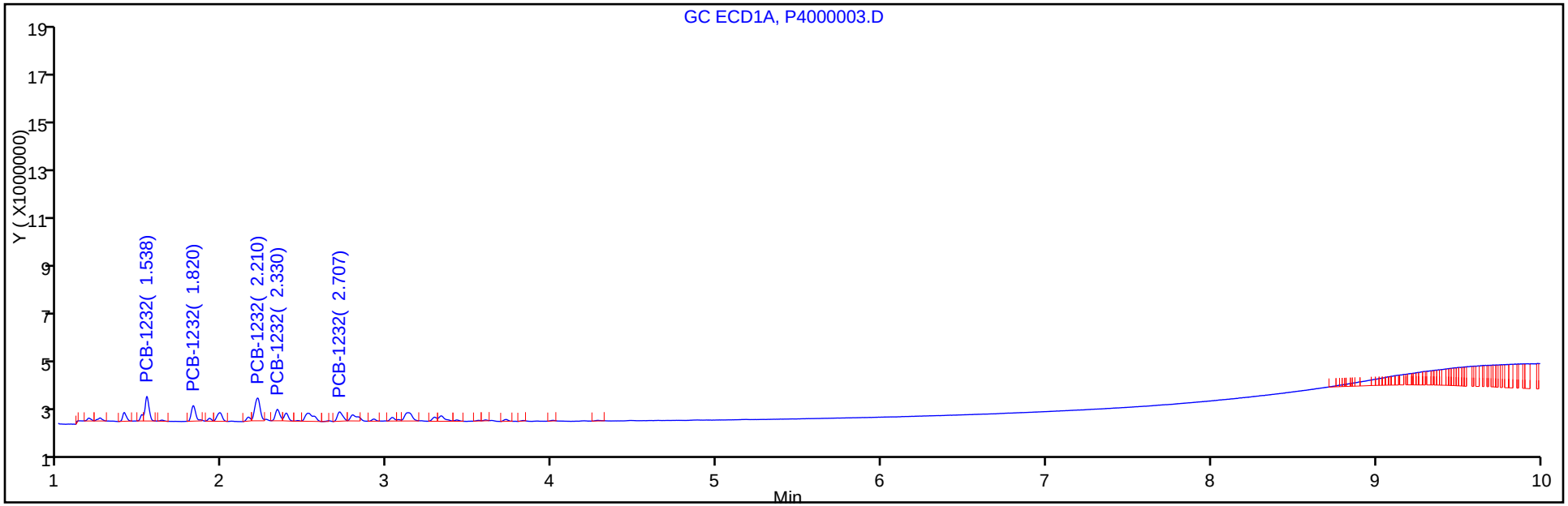
Report Date: 15-Apr-2013 13:04:35 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

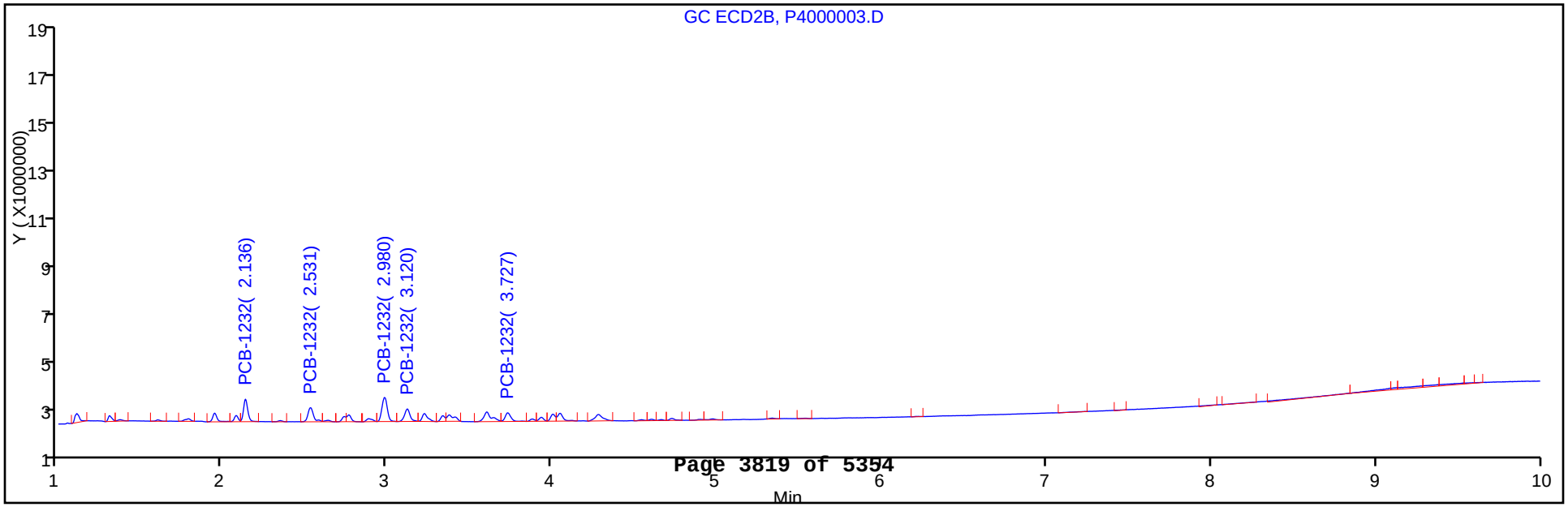
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000003.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000004.D
Lims ID: STD01 1232 Client ID:
Inject. Date: 14-Apr-2013 23:57:54 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0018824-004
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 4
Lims Batch ID: 81761 Lims Sample ID: 4
Sublist: chrom-PCB4*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:36 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK026

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100	1.538	1.538	0.000	3281803	0.1095		100.0	
1	2	1.820	1.820	0.000	2539513	0.1170	51.4- 101.4	77.4	
1	3	2.211	2.210	0.001	4149649	0.1028	101.9- 151.9	126.4	
1	4	2.331	2.330	0.001	1671383	0.0963	30.8- 80.8	50.9	
1	5	2.709	2.707	0.002	1623841	0.1002	29.6- 79.6	49.5	
			Average of Peak Amounts =			0.1051			
2	6	2.137	2.136	0.001	3186451	0.1091		100.0	
2	7	2.532	2.531	0.001	2748679	0.1158	47.8- 107.8	86.3	
2	8	2.983	2.980	0.003	4441797	0.1044	111.9- 171.9	139.4	
2	9	3.122	3.120	0.002	2170154	0.1088	36.1- 96.1	68.1	
2	10	3.730	3.727	0.003	1667373	0.1071	20.4- 80.4	52.3	
			Average of Peak Amounts =			0.1090			
						RPD = 3.64			

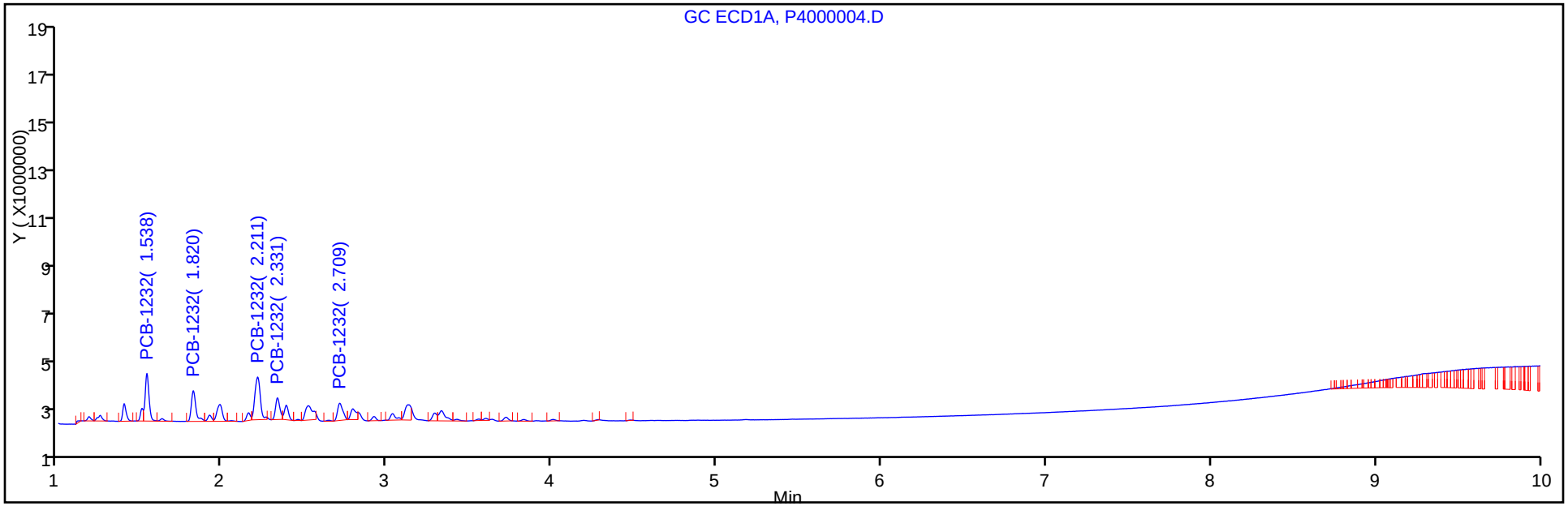
Report Date: 15-Apr-2013 13:04:37 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

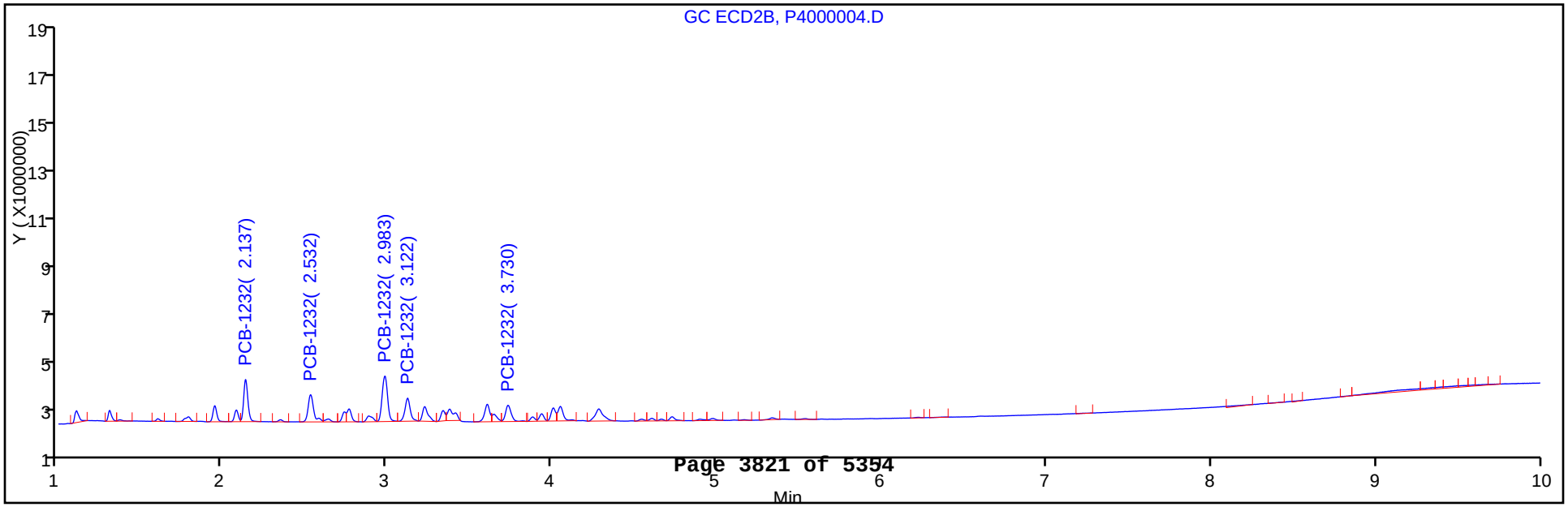
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000004.D

Injection Date:	14-Apr-2013 23:57:54	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000005.D
Lims ID: STD02 1232 Client ID:
Inject. Date: 15-Apr-2013 00:13:40 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0018824-005
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 81761 Lims Sample ID: 5
Sublist: chrom-PCB4*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:37 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK026

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100	1.539	1.538	0.001	6234384	0.2080		100.0	
1	2	1.821	1.820	0.001	4764043	0.2194	51.4- 101.4	76.4	
1	3	2.211	2.210	0.001	7911184	0.1960	101.9- 151.9	126.9	
1	4	2.332	2.330	0.002	3476503	0.2003	30.8- 80.8	55.8	
1	5	2.709	2.707	0.002	3406563	0.2102	29.6- 79.6	54.6	
			Average of Peak Amounts =			0.2068			
2	6	2.138	2.136	0.002	5943640	0.2036		100.0	
2	7	2.533	2.531	0.002	4621768	0.1948	47.8- 107.8	77.8	
2	8	2.984	2.980	0.004	8433984	0.1982	111.9- 171.9	141.9	
2	9	3.122	3.120	0.002	3930765	0.1971	36.1- 96.1	66.1	
2	10	3.732	3.727	0.005	2996608	0.1924	20.4- 80.4	50.4	
			Average of Peak Amounts =			0.1972			
						RPD = 4.73			

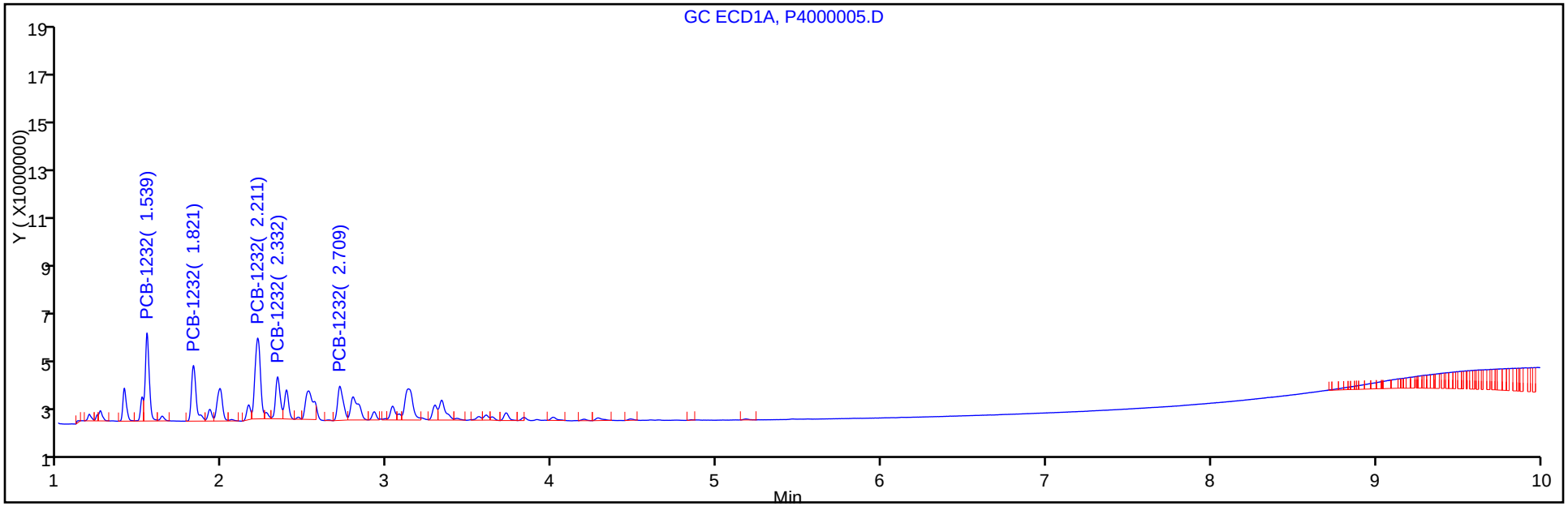
Report Date: 15-Apr-2013 13:04:38 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

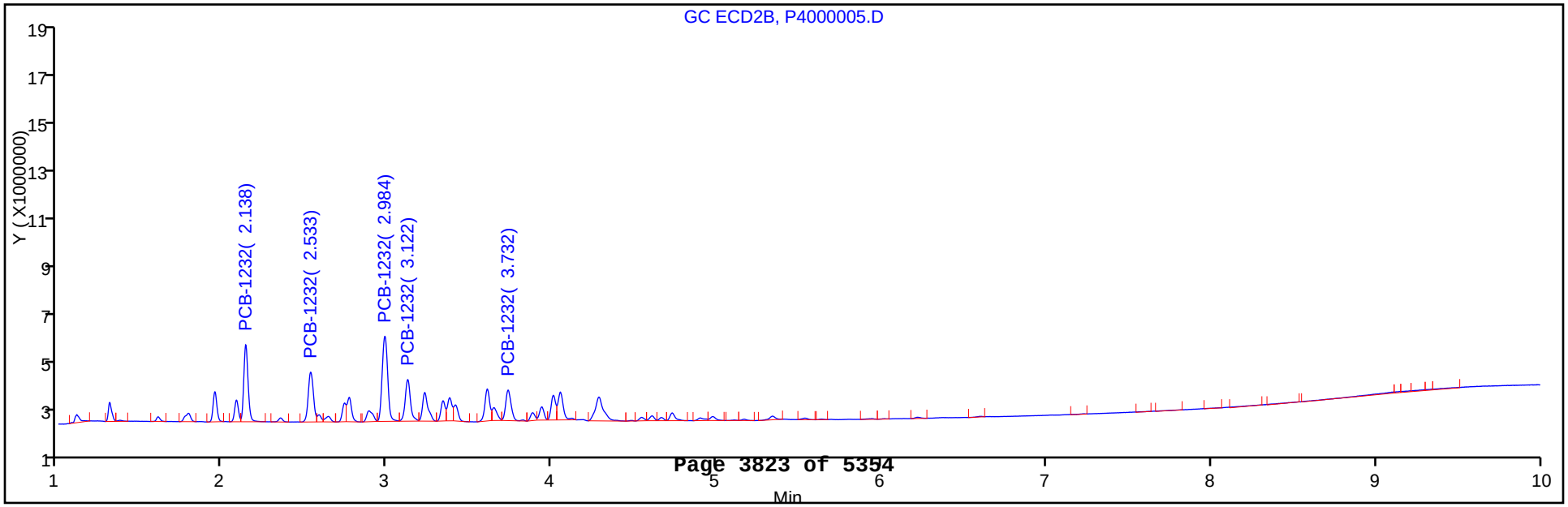
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000005.D

Injection Date:	15-Apr-2013 00:13:40	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	5
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000006.D
Lims ID: STD05 1232 Client ID:
Inject. Date: 15-Apr-2013 00:29:19 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0018824-006
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 81761 Lims Sample ID: 6
Sublist: chrom-PCB4*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:38 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK026

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100	1.539	1.538	0.001	14125994	0.4712		100.0	
1	2	1.821	1.820	0.001	9868532	0.4545	51.4- 101.4	69.9	
1	3	2.211	2.210	0.001	19549004	0.4842	101.9- 151.9	138.4	
1	4	2.332	2.330	0.002	8754740	0.5045	30.8- 80.8	62.0	
1	5	2.710	2.707	0.003	7853899	0.4847	29.6- 79.6	55.6	
			Average of Peak Amounts =			0.4798			
2	6	2.139	2.136	0.003	13574790	0.4649		100.0	
2	7	2.534	2.531	0.003	11644076	0.4907	47.8- 107.8	85.8	
2	8	2.985	2.980	0.005	20093090	0.4722	111.9- 171.9	148.0	
2	9	3.123	3.120	0.003	8887201	0.4457	36.1- 96.1	65.5	
2	10	3.733	3.727	0.006	7197440	0.4622	20.4- 80.4	53.0	
			Average of Peak Amounts =			0.4671			
						RPD = 2.68			

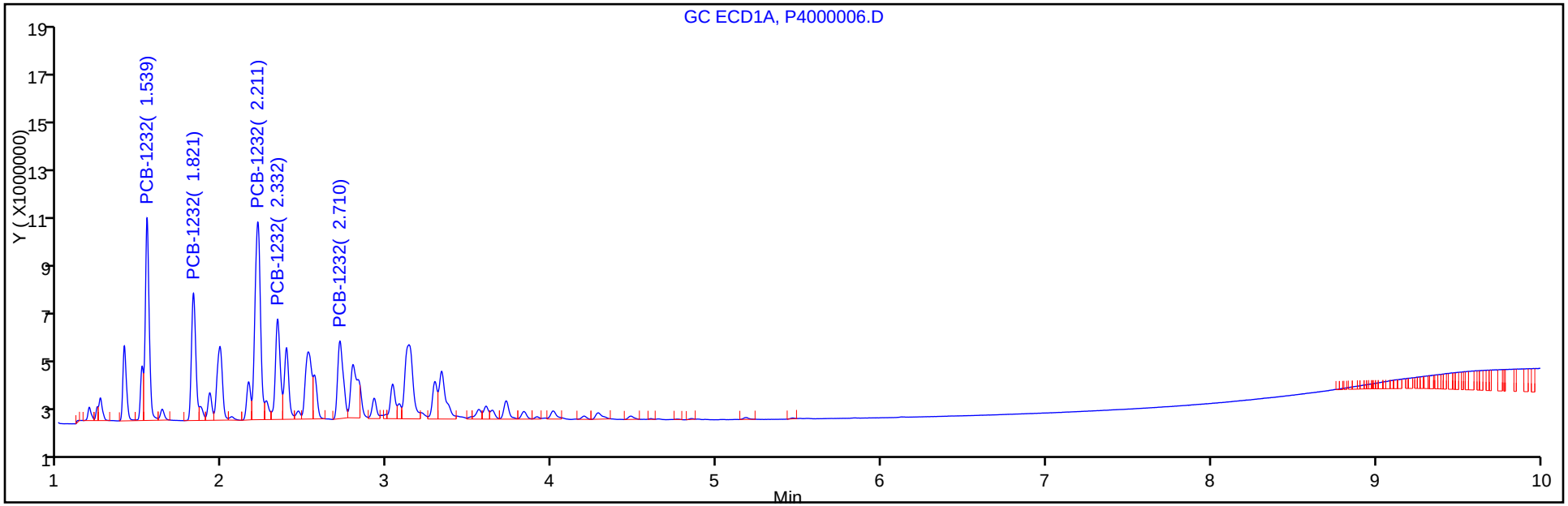
Report Date: 15-Apr-2013 13:04:39 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

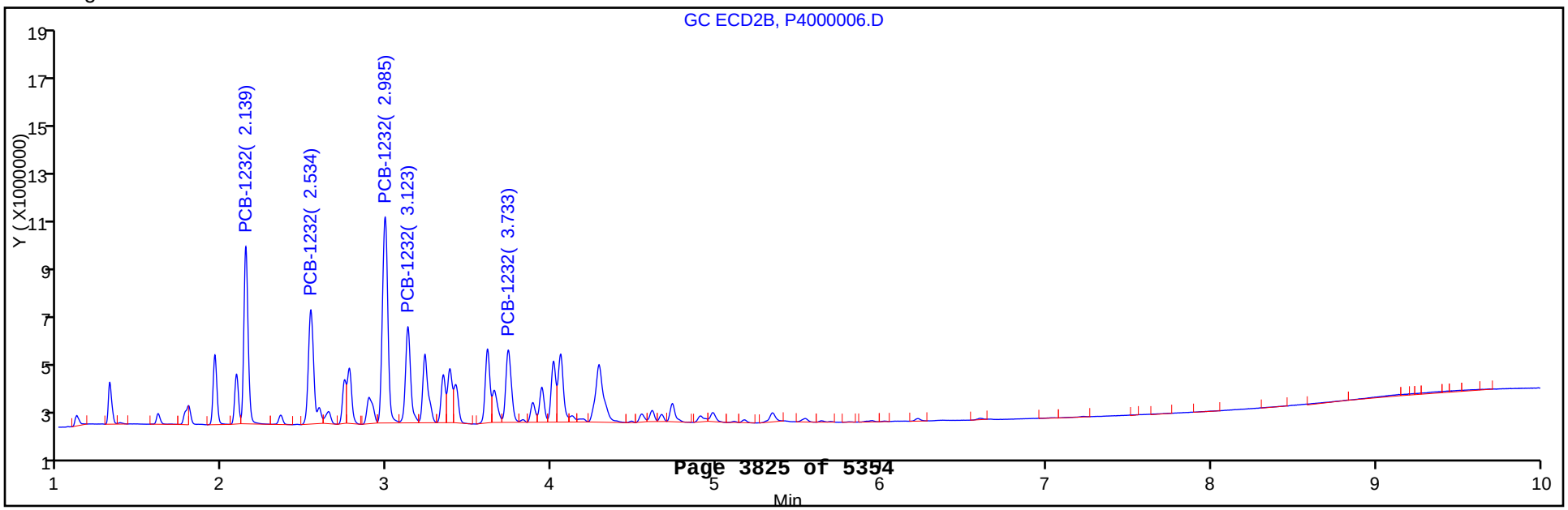
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000006.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000007.D
Lims ID: STD1 1232 Client ID:
Inject. Date: 15-Apr-2013 00:44:57 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0018824-007
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 81761 Lims Sample ID: 7
Sublist: chrom-PCB4*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:40 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK026

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100	1.539	1.538	0.001	27056868	0.9026		100.0	
1	2	1.821	1.820	0.001	18766909	0.8643	51.4- 101.4	69.4	
1	3	2.213	2.210	0.003	38931784	0.9643	101.9- 151.9	143.9	
1	4	2.332	2.330	0.002	17039321	0.9818	30.8- 80.8	63.0	
1	5	2.709	2.707	0.002	15263717	0.9420	29.6- 79.6	56.4	
			Average of Peak Amounts =			0.9310			
2	6	2.138	2.136	0.002	26596872	0.9109		100.0	
2	7	2.533	2.531	0.002	20384639	0.8590	47.8- 107.8	76.6	
2	8	2.984	2.980	0.004	40746418	0.9576	111.9- 171.9	153.2	
2	9	3.123	3.120	0.003	17982813	0.9018	36.1- 96.1	67.6	
2	10	3.733	3.727	0.006	14725802	0.9456	20.4- 80.4	55.4	
			Average of Peak Amounts =			0.9150			
						RPD = 1.74			

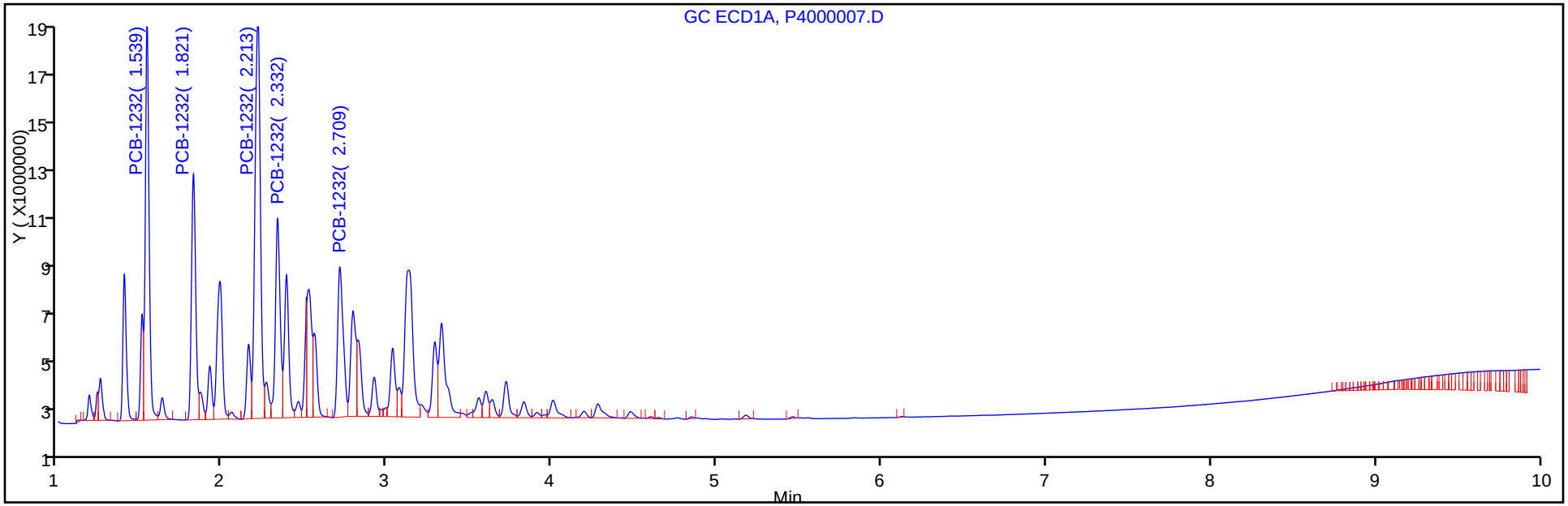
Report Date: 15-Apr-2013 13:04:41 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

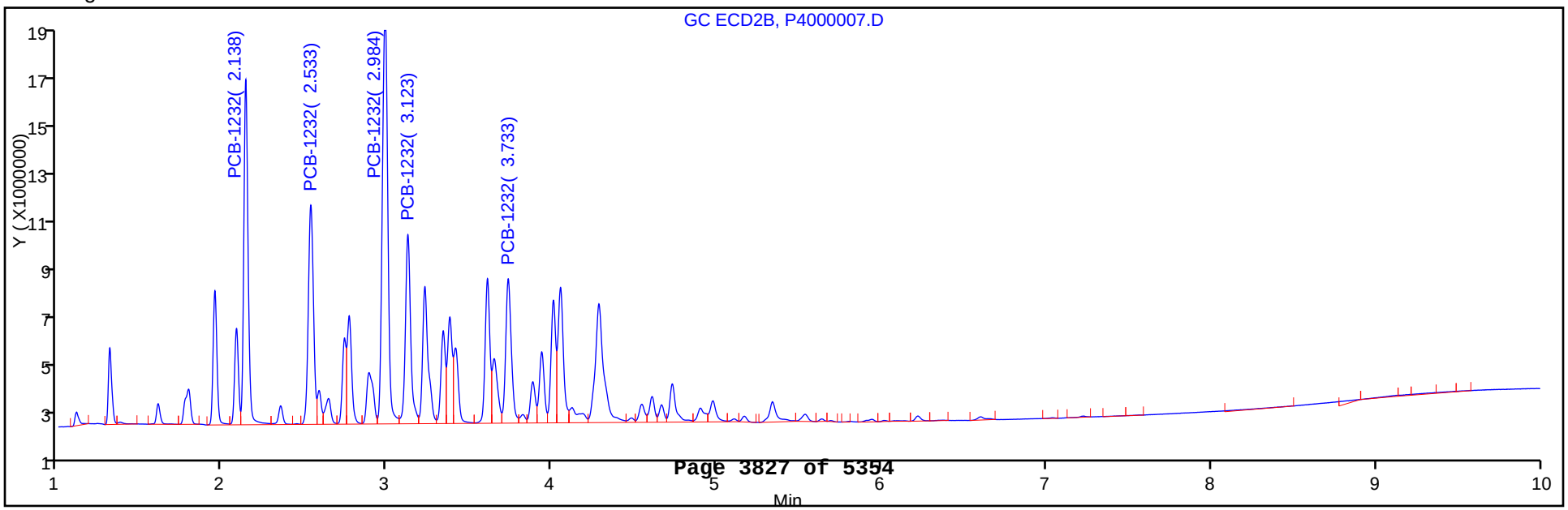
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000007.D

Injection Date:	15-Apr-2013 00:44:57	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000008.D
Lims ID: STD2 1232 Client ID:
Inject. Date: 15-Apr-2013 01:00:35 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0018824-008
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 81761 Lims Sample ID: 8
Sublist: chrom-PCB4*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:41 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK026

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100	1.538	1.538	0.000	51756980	1.73		100.0	
1	2	1.821	1.820	0.001	36272560	1.67	51.4- 101.4	70.1	
1	3	2.211	2.210	0.001	78906477	1.95	101.9- 151.9	152.5	
1	4	2.331	2.330	0.001	33938679	1.96	30.8- 80.8	65.6	
1	5	2.708	2.707	0.001	30007455	1.85	29.6- 79.6	58.0	
			Average of Peak Amounts =			1.83			
2	6	2.138	2.136	0.002	51081361	1.75		100.0	
2	7	2.533	2.531	0.002	39302362	1.66	47.8- 107.8	76.9	
2	8	2.984	2.980	0.004	82540487	1.94	111.9- 171.9	161.6	
2	9	3.123	3.120	0.003	35771213	1.79	36.1- 96.1	70.0	
2	10	3.732	3.727	0.005	29503749	1.89	20.4- 80.4	57.8	
			Average of Peak Amounts =			1.81			
						RPD = 1.38			

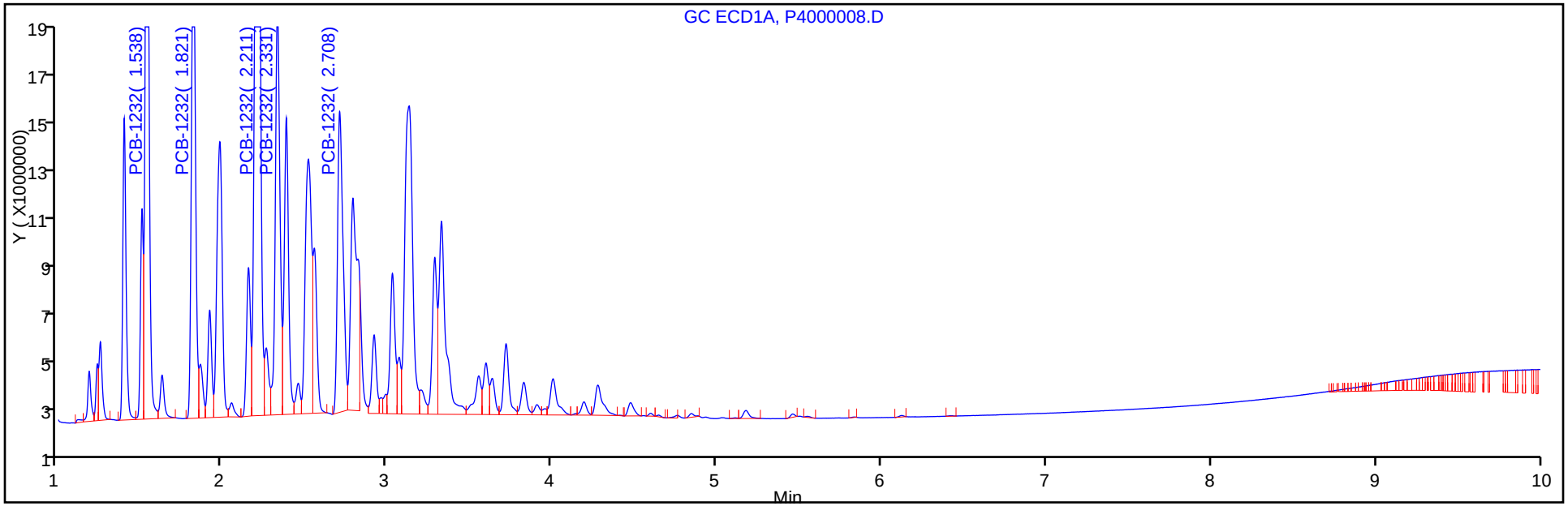
Report Date: 15-Apr-2013 13:04:42 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

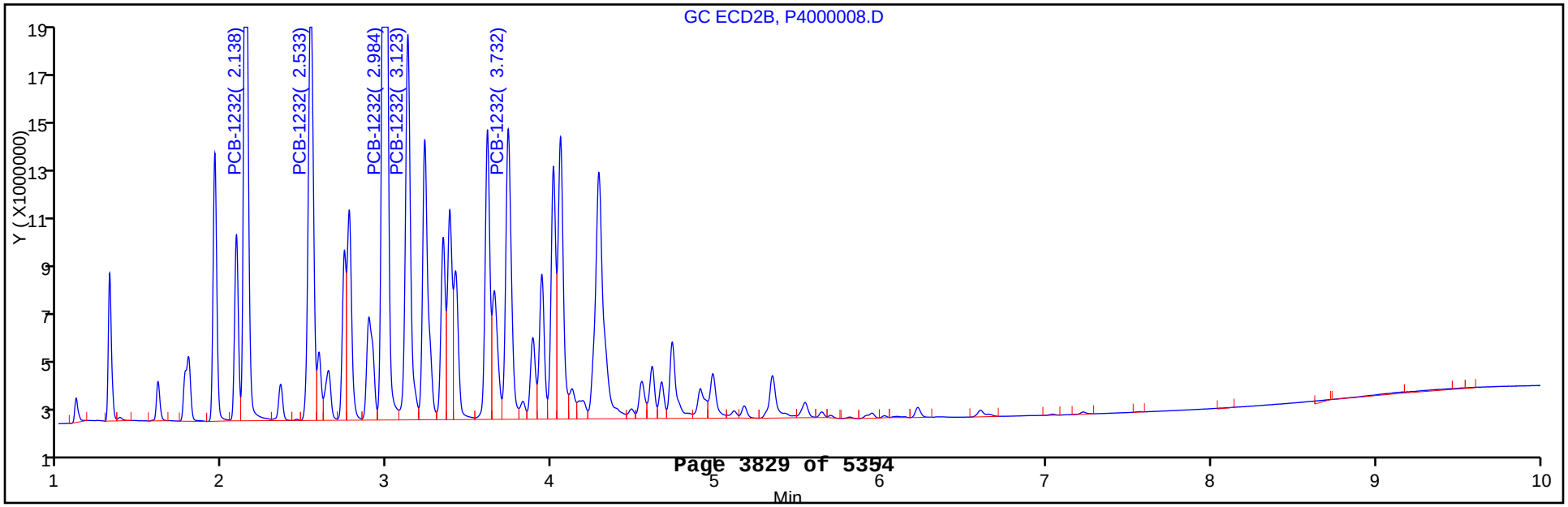
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000008.D

Injection Date:	15-Apr-2013 01:00:35	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-22648-1 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.: 240-22648-1 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.: 240-22648-1 Analy Batch No.: 81761

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2013 01:16 Calibration End Date: 04/15/2013 02:34 Calibration ID: 14515

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-81761/9	P4000009.D
Level 2	STD01 240-81761/10	P4000010.D
Level 3	STD02 240-81761/11	P4000011.D
Level 4	STD05 240-81761/12	P4000012.D
Level 5	STD1 240-81761/13	P4000013.D
Level 6	STD2 240-81761/14	P4000014.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1242 Peak 1	Ave	1260674 36505486	2148224	4671525	10506706	20136124	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 2	Ave	2365416 67002260	4527513	8338374	19088559	37109215	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 3	Ave	4116835 143927148	8375986	15741439	37212620	75642273	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 4	Ave	1681125 62783536	3834787	7117029	16611102	32957971	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 5	Ave	1841542 62976939	3788833	6973156	16401781	32115158	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:

Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000009.D		
Lims ID:	STD005 1242	Client ID:	
Inject. Date:	15-Apr-2013 01:16:16	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0018824-009		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 ul	ALS Bottle#:	9
Lims Batch ID:	81761	Lims Sample ID:	9
Sublist:	chrom-PCB4*sub2		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m		
Last Update:	15-Apr-2013 13:04:42	Calib Date:	15-Apr-2013 10:24:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK026		

First Level Reviewer: hassl Date: 15-Apr-2013 07:52:23

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100	1.540	1.540	0.000	1260674	0.0584		100.0	
1	2	1.821	1.821	0.000	2365416	0.0584	153.5- 203.5	187.6	
1	3	2.213	2.213	0.000	4116835	0.0529	312.0- 362.0	326.6	
1	4	2.333	2.333	0.000	1681125	0.0492	127.3- 177.3	133.4	
1	5	2.711	2.711	0.000	1841542	0.0536	124.3- 174.3	146.1	
			Average of Peak Amounts =			0.0545			
2	6	2.140	2.140	0.000	1226997	0.0569		100.0	
2	7	2.535	2.535	0.000	2379583	0.0570	163.2- 223.2	193.9	
2	8	2.986	2.986	0.000	4248838	0.0527	335.3- 395.3	346.3	
2	9	3.123	3.123	0.000	1930091	0.0540	133.4- 193.4	157.3	
2	10	3.733	3.733	0.000	1836399	0.0544	119.1- 179.1	149.7	
			Average of Peak Amounts =			0.0550			
						RPD = 0.90			

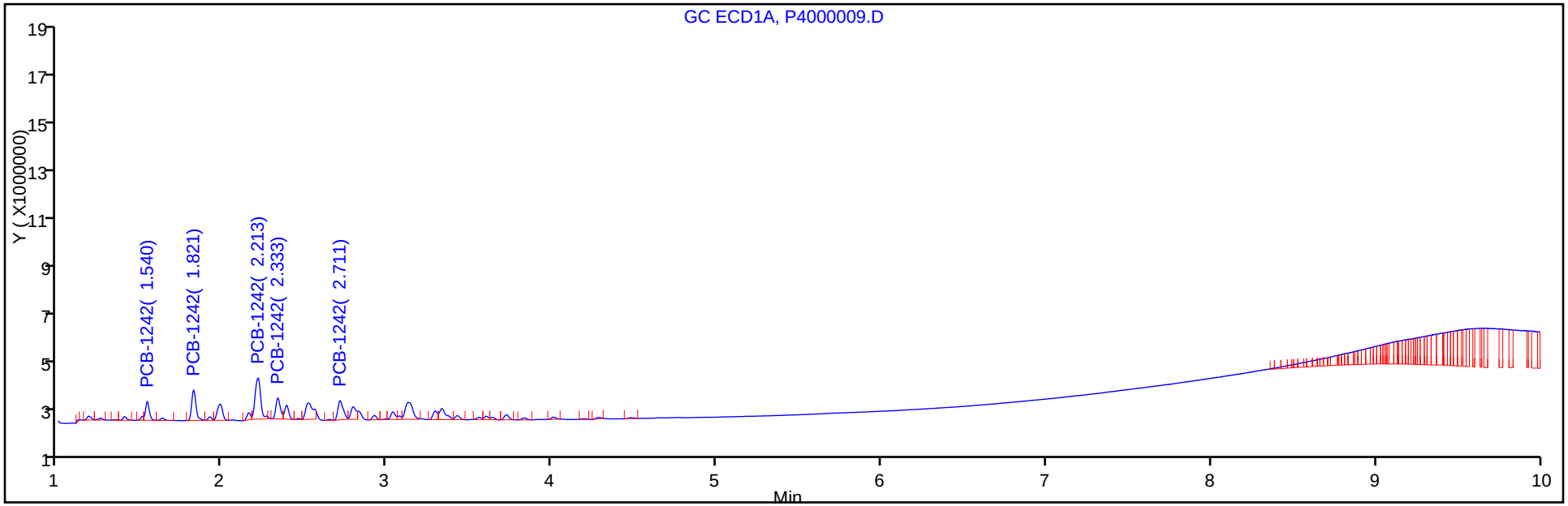
Report Date: 15-Apr-2013 13:04:43 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

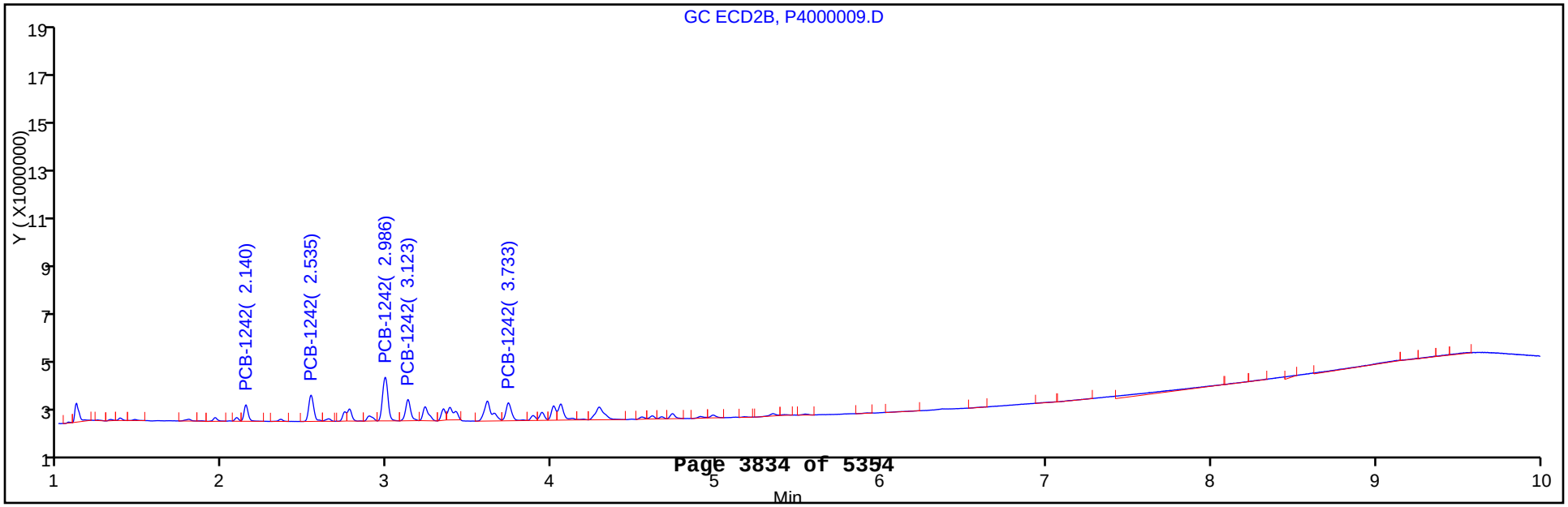
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000009.D

Injection Date:	15-Apr-2013 01:16:16	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000010.D
Lims ID: STD01 1242 Client ID:
Inject. Date: 15-Apr-2013 01:31:55 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0018824-010
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 10
Lims Batch ID: 81761 Lims Sample ID: 10
Sublist: chrom-PCB4*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:44 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK026

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100	1.536	1.540	-0.004	2148224	0.0996		100.0	
1	2	1.821	1.821	0.000	4527513	0.1118	153.5- 203.5	210.8	
1	3	2.213	2.213	0.000	8375986	0.1077	312.0- 362.0	389.9	
1	4	2.334	2.333	0.001	3834787	0.1122	127.3- 177.3	178.5	
1	5	2.711	2.711	0.000	3788833	0.1104	124.3- 174.3	176.4	
			Average of Peak Amounts =			0.1083			
2	6	2.140	2.140	0.000	2381598	0.1104		100.0	
2	7	2.535	2.535	0.000	4671714	0.1119	163.2- 223.2	196.2	
2	8	2.985	2.986	-0.001	8664077	0.1075	335.3- 395.3	363.8	
2	9	3.124	3.123	0.001	4080744	0.1143	133.4- 193.4	171.3	
2	10	3.734	3.733	0.001	3778301	0.1119	119.1- 179.1	158.6	
			Average of Peak Amounts =			0.1112			
						RPD = 2.62			

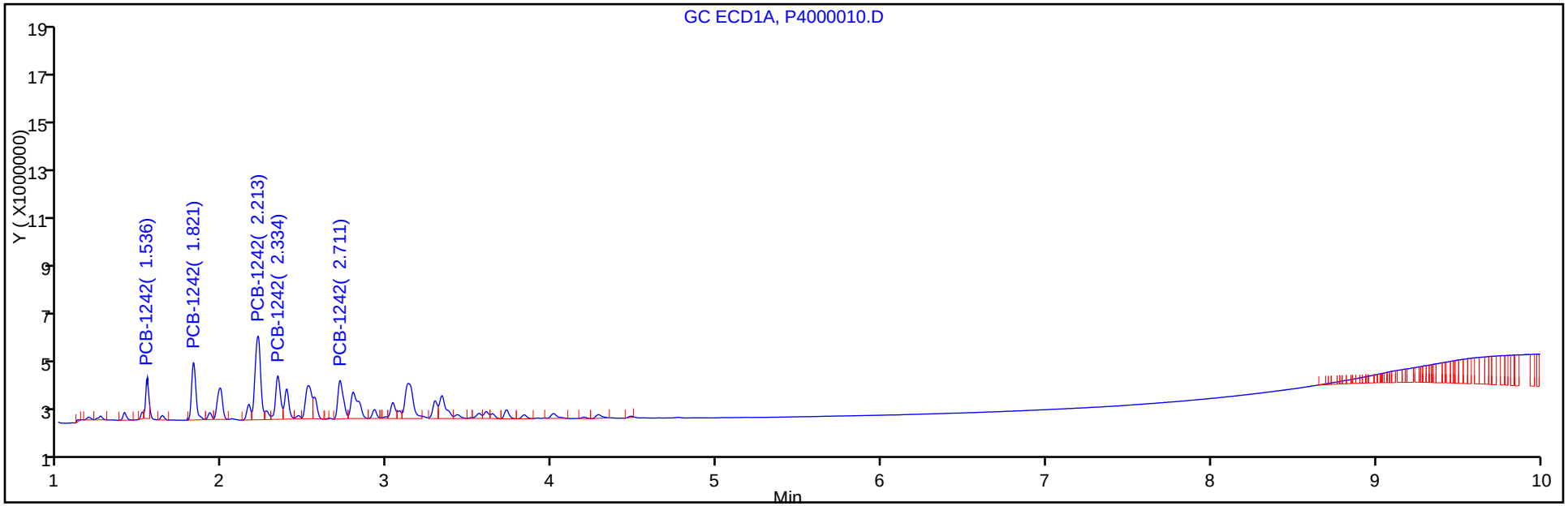
Report Date: 15-Apr-2013 13:04:45 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

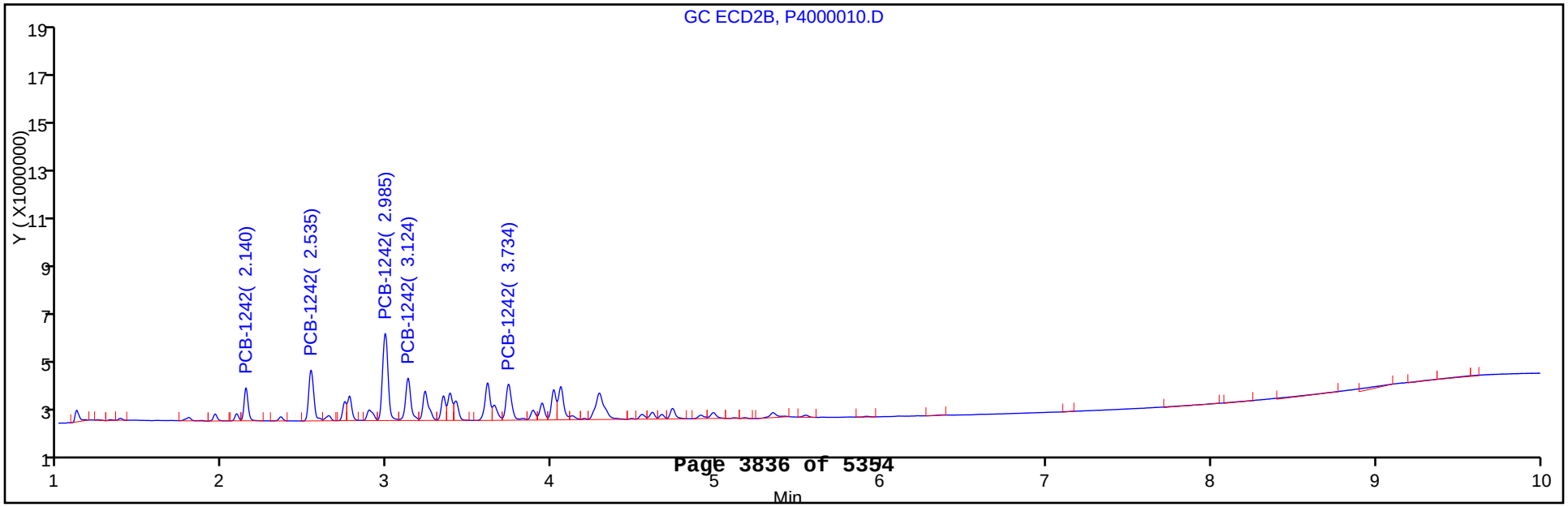
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000010.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000011.D
Lims ID: STD02 1242 Client ID:
Inject. Date: 15-Apr-2013 01:47:35 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0018824-011
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 11
Lims Batch ID: 81761 Lims Sample ID: 11
Sublist: chrom-PCB4*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:45 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK026

First Level Reviewer: hassl Date: 15-Apr-2013 07:53:05

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100	1.540	1.540	0.000	4671525	0.2165		100.0	
1	2	1.821	1.821	0.000	8338374	0.2058	153.5- 203.5	178.5	
1	3	2.212	2.213	-0.001	15741439	0.2023	312.0- 362.0	337.0	M
1	4	2.333	2.333	0.000	7117029	0.2082	127.3- 177.3	152.3	M
1	5	2.711	2.711	0.000	6973156	0.2031	124.3- 174.3	149.3	M
			Average of Peak Amounts =			0.2072			
2	6	2.139	2.140	-0.001	4505873	0.2089		100.0	
2	7	2.534	2.535	-0.001	8706735	0.2085	163.2- 223.2	193.2	
2	8	2.986	2.986	0.000	16458445	0.2043	335.3- 395.3	365.3	
2	9	3.124	3.123	0.001	7362816	0.2061	133.4- 193.4	163.4	
2	10	3.734	3.733	0.001	6719791	0.1989	119.1- 179.1	149.1	
			Average of Peak Amounts =			0.2053			
						RPD = 0.90			

QC Flag Legend

Review Flags
M - Manually Integrated

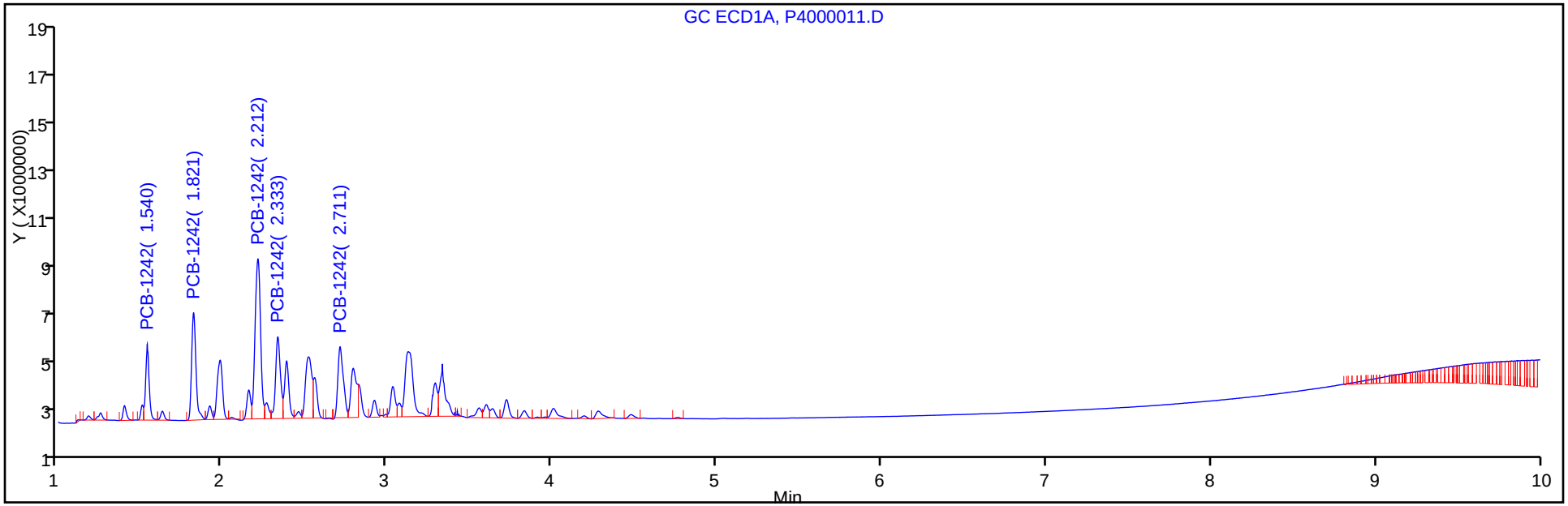
Report Date: 15-Apr-2013 13:04:46 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

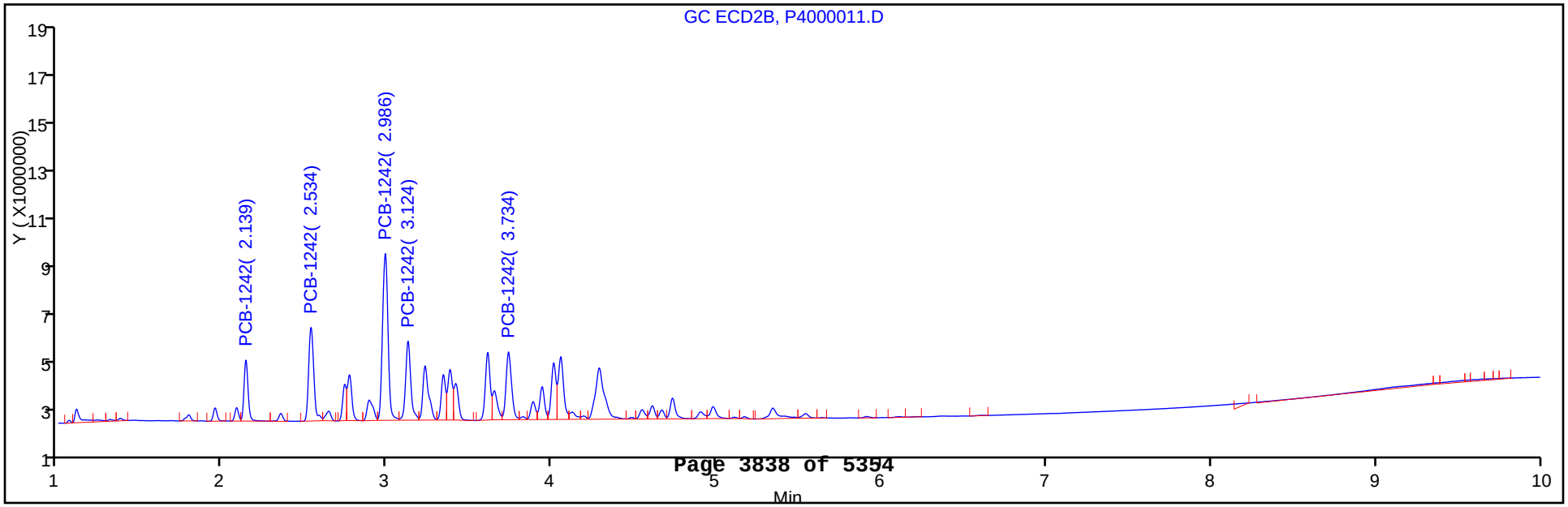
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000011.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



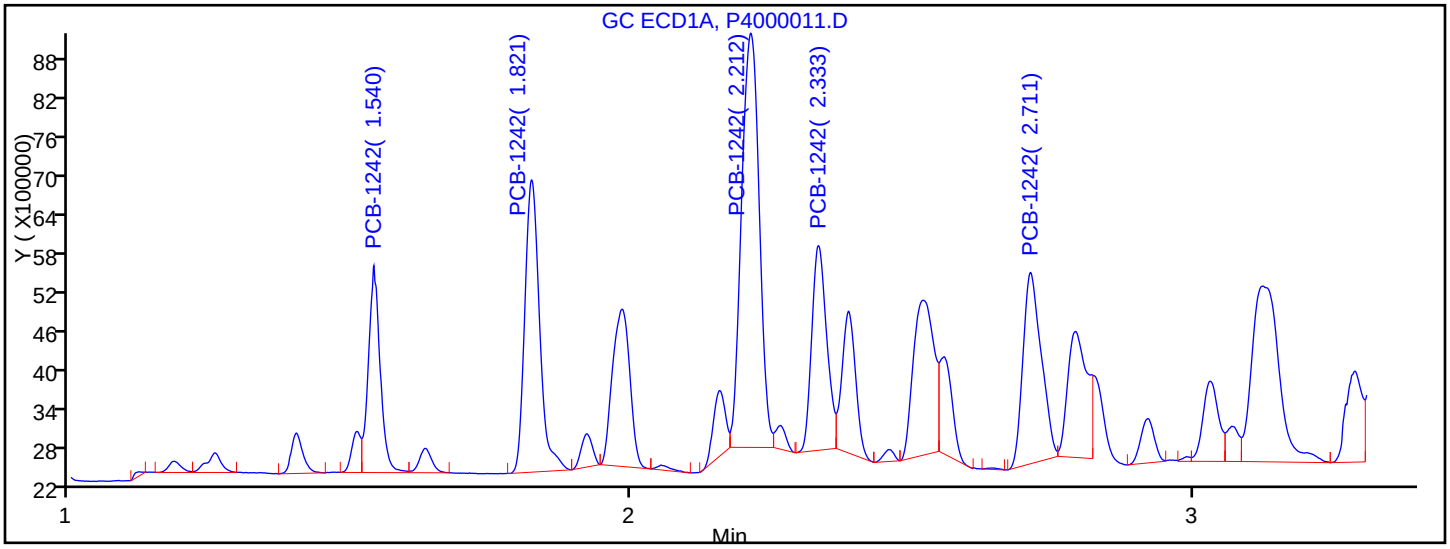
Report Date: 15-Apr-2013 13:04:46 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

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

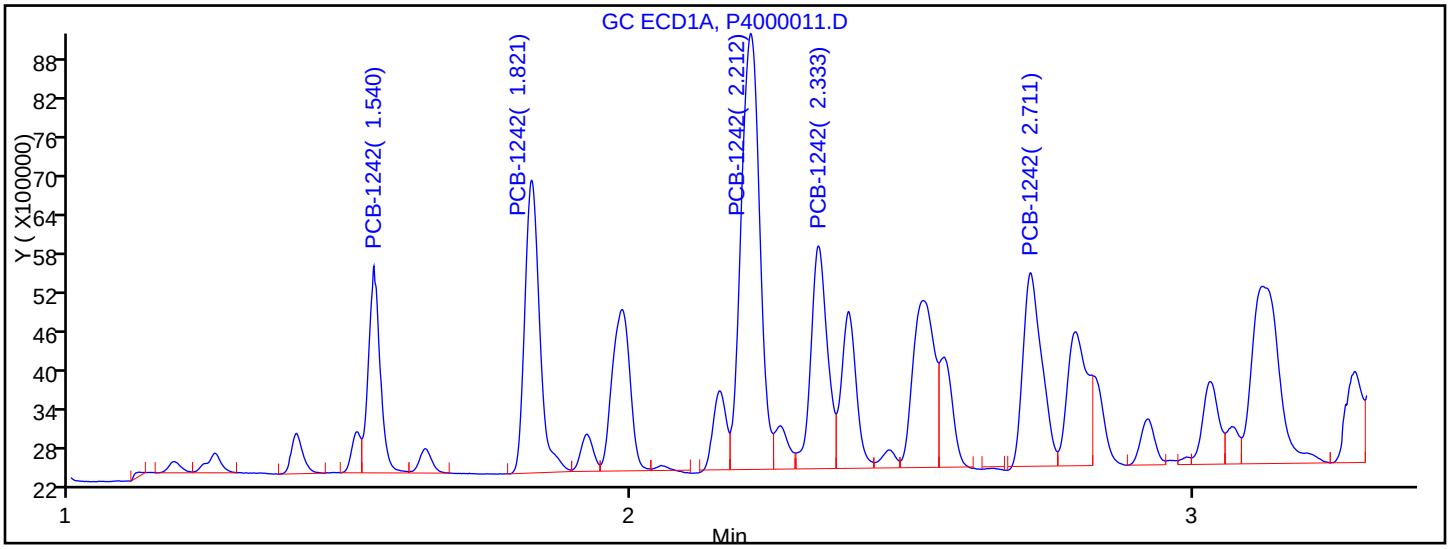
Injection Date:	15-Apr-2013 01:47:35	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

5 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.540	Response = 4671525	
RT = 1.821	Response = 8338374	
RT = 2.212	Response = 14175851	M
RT = 2.333	Response = 5927442	M
RT = 2.711	Response = 6743240	M



Manual Integration Results

RT = 1.540	Response = 4671525	
RT = 1.821	Response = 8338374	
RT = 2.212	Response = 15741439	M
RT = 2.333	Response = 7117029	M
RT = 2.711	Response = 6973156	M

Reviewer: hassl, 15-Apr-2013 07:53:05

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000012.D		
Lims ID:	STD05 1242	Client ID:	
Inject. Date:	15-Apr-2013 02:03:15	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	240-0018824-012		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 ul	ALS Bottle#:	12
Lims Batch ID:	81761	Lims Sample ID:	12
Sublist:	chrom-PCB4*sub2		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m		
Last Update:	15-Apr-2013 13:04:47	Calib Date:	15-Apr-2013 10:24:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK026		

First Level Reviewer: hassl Date: 15-Apr-2013 05:51:54

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100	1.541	1.540	0.001	10506706	0.4870		100.0	
1	2	1.822	1.821	0.001	19088559	0.4712	153.5- 203.5	181.7	
1	3	2.213	2.213	0.000	37212620	0.4783	312.0- 362.0	354.2	
1	4	2.334	2.333	0.001	16611102	0.4859	127.3- 177.3	158.1	
1	5	2.712	2.711	0.001	16401781	0.4777	124.3- 174.3	156.1	
			Average of Peak Amounts =			0.4800			
2	6	2.140	2.140	0.000	10298784	0.4774		100.0	
2	7	2.535	2.535	0.000	19564185	0.4685	163.2- 223.2	190.0	
2	8	2.986	2.986	0.000	37434532	0.4646	335.3- 395.3	363.5	
2	9	3.124	3.123	0.001	15589363	0.4365	133.4- 193.4	151.4	
2	10	3.734	3.733	0.001	15930304	0.4716	119.1- 179.1	154.7	
			Average of Peak Amounts =			0.4637			
						RPD = 3.45			

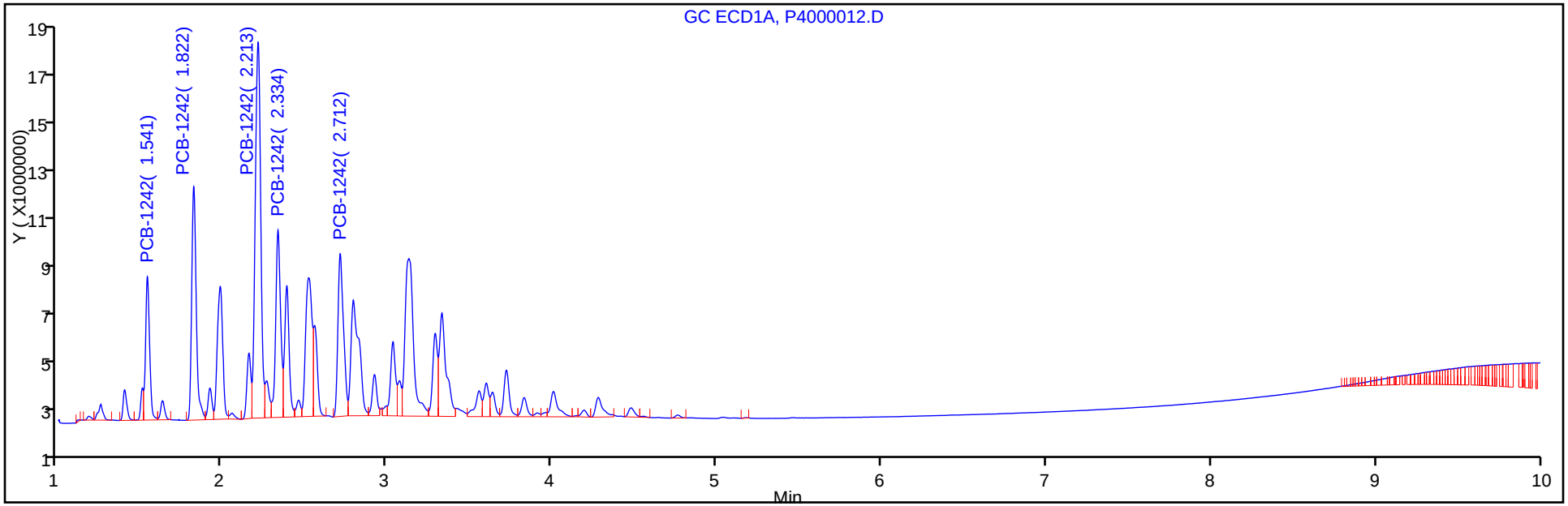
Report Date: 15-Apr-2013 13:04:48 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

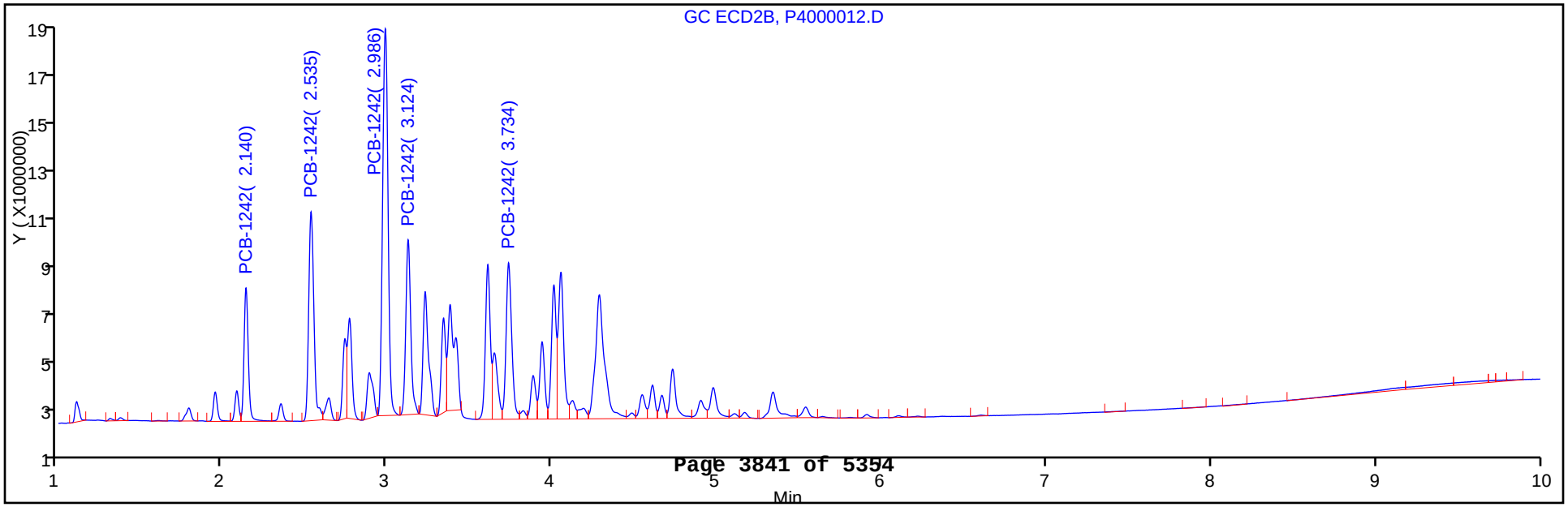
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000012.D

Injection Date:	15-Apr-2013 02:03:15	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000013.D
Lims ID: STD1 1242 Client ID:
Inject. Date: 15-Apr-2013 02:19:01 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0018824-013
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 13
Lims Batch ID: 81761 Lims Sample ID: 13
Sublist: chrom-PCB4*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:48 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK026

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100	1.540	1.540	0.000	20136124	0.9333		100.0	
1	2	1.822	1.821	0.001	37109215	0.9160	153.5- 203.5	184.3	
1	3	2.213	2.213	0.000	75642273	0.9722	312.0- 362.0	375.7	
1	4	2.333	2.333	0.000	32957971	0.9640	127.3- 177.3	163.7	
1	5	2.711	2.711	0.000	32115158	0.9354	124.3- 174.3	159.5	
			Average of Peak Amounts =			0.9442			
2	6	2.139	2.140	-0.001	19903453	0.9227		100.0	
2	7	2.534	2.535	-0.001	38623247	0.9248	163.2- 223.2	194.1	
2	8	2.986	2.986	0.000	79681280	0.9889	335.3- 395.3	400.3	
2	9	3.124	3.123	0.001	34688353	0.9712	133.4- 193.4	174.3	
2	10	3.735	3.733	0.002	32371258	0.9584	119.1- 179.1	162.6	
			Average of Peak Amounts =			0.9532			
						RPD = 0.95			

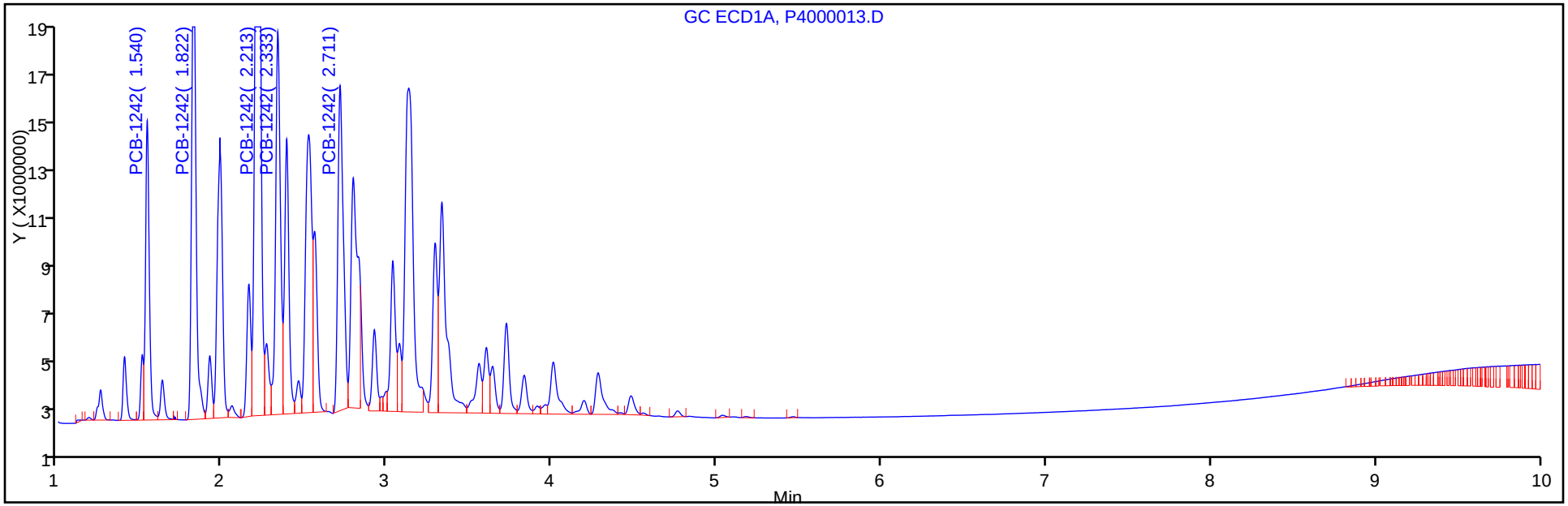
Report Date: 15-Apr-2013 13:04:49 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

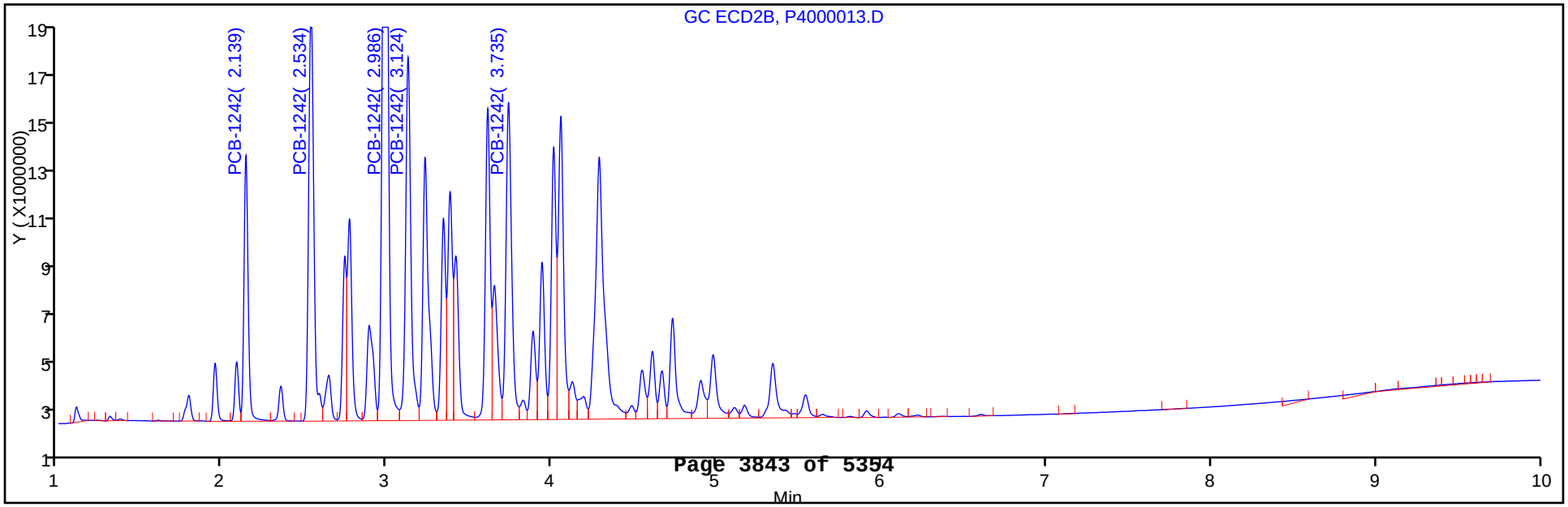
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000013.D

Injection Date:	15-Apr-2013 02:19:01	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	13
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000014.D		
Lims ID:	STD2 1242	Client ID:	
Inject. Date:	15-Apr-2013 02:34:41	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0018824-014		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 ul	ALS Bottle#:	14
Lims Batch ID:	81761	Lims Sample ID:	14
Sublist:	chrom-PCB4*sub2		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m		
Last Update:	15-Apr-2013 13:04:50	Calib Date:	15-Apr-2013 10:24:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK026		

First Level Reviewer: hassl Date: 15-Apr-2013 07:53:23

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100	1.540	1.540	0.000	36505486	1.69		100.0	
1	2	1.822	1.821	0.001	67002260	1.65	153.5- 203.5	183.5	M
1	3	2.213	2.213	0.000	143927148	1.85	312.0- 362.0	394.3	M
1	4	2.333	2.333	0.000	62783536	1.84	127.3- 177.3	172.0	M
1	5	2.710	2.711	-0.001	62976939	1.83	124.3- 174.3	172.5	M
			Average of Peak Amounts =			1.77			
2	6	2.139	2.140	-0.001	36078109	1.67		100.0	
2	7	2.535	2.535	0.000	69968164	1.68	163.2- 223.2	193.9	
2	8	2.986	2.986	0.000	150021790	1.86	335.3- 395.3	415.8	
2	9	3.124	3.123	0.001	64419209	1.80	133.4- 193.4	178.6	
2	10	3.733	3.733	0.000	60641277	1.80	119.1- 179.1	168.1	
			Average of Peak Amounts =			1.76			
						RPD = 0.65			

QC Flag Legend

Review Flags
M - Manually Integrated

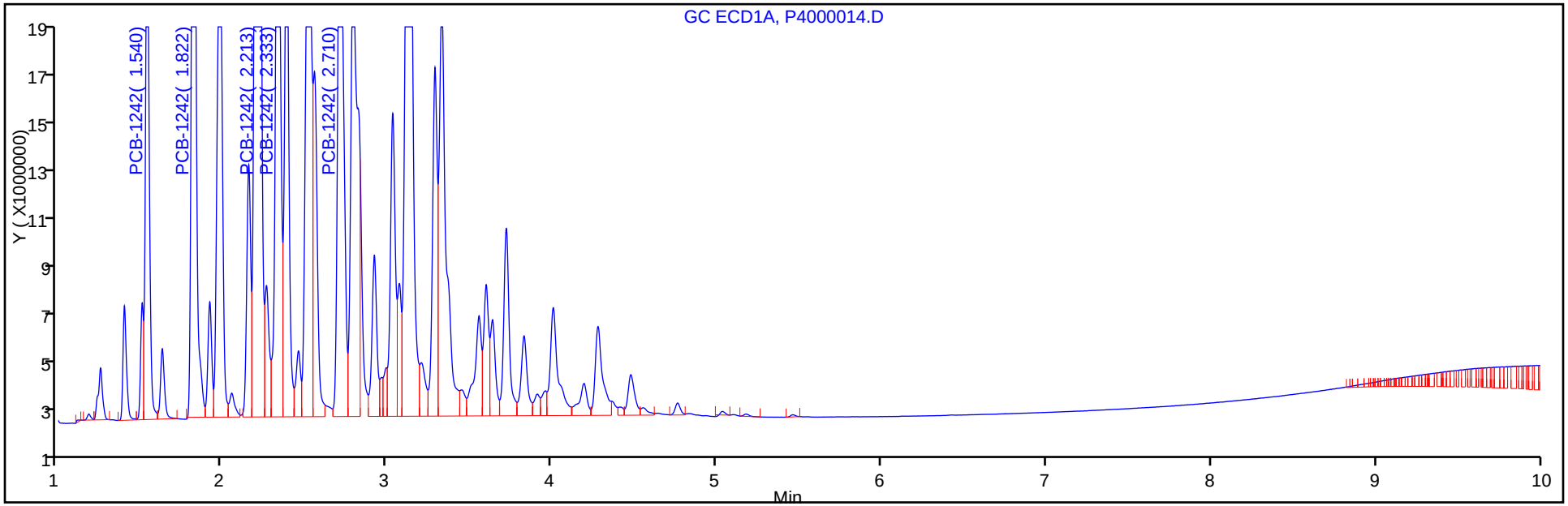
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TestAmerica Canton

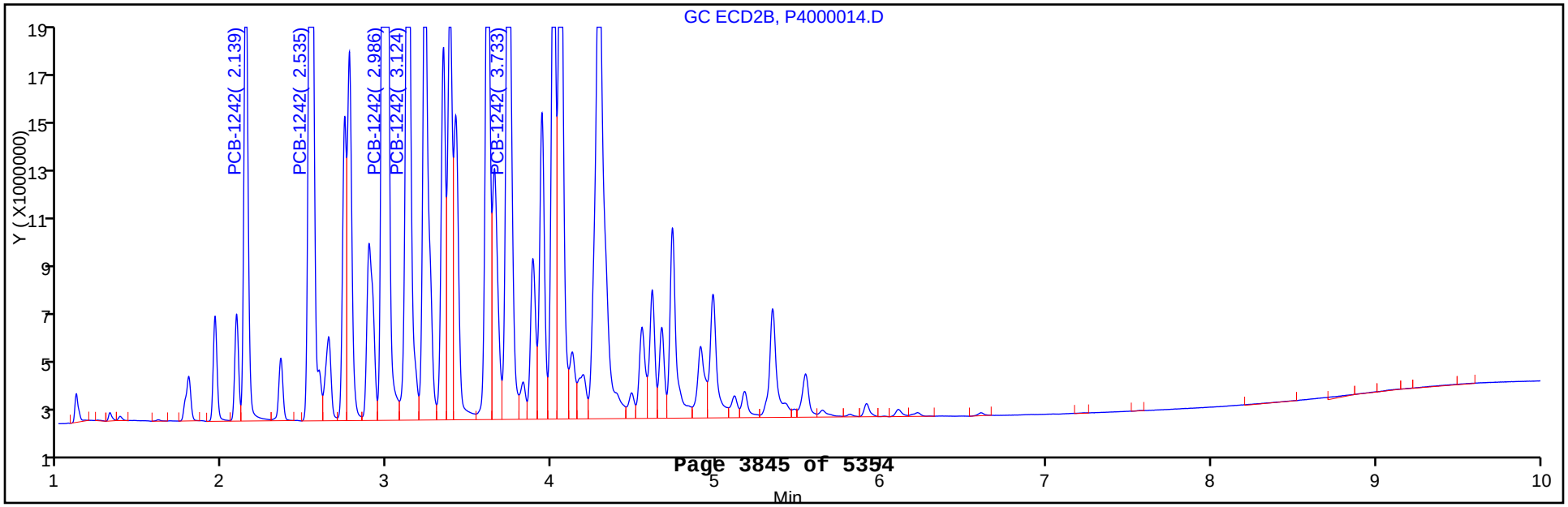
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Injection Date:	15-Apr-2013 02:34:41	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	14
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



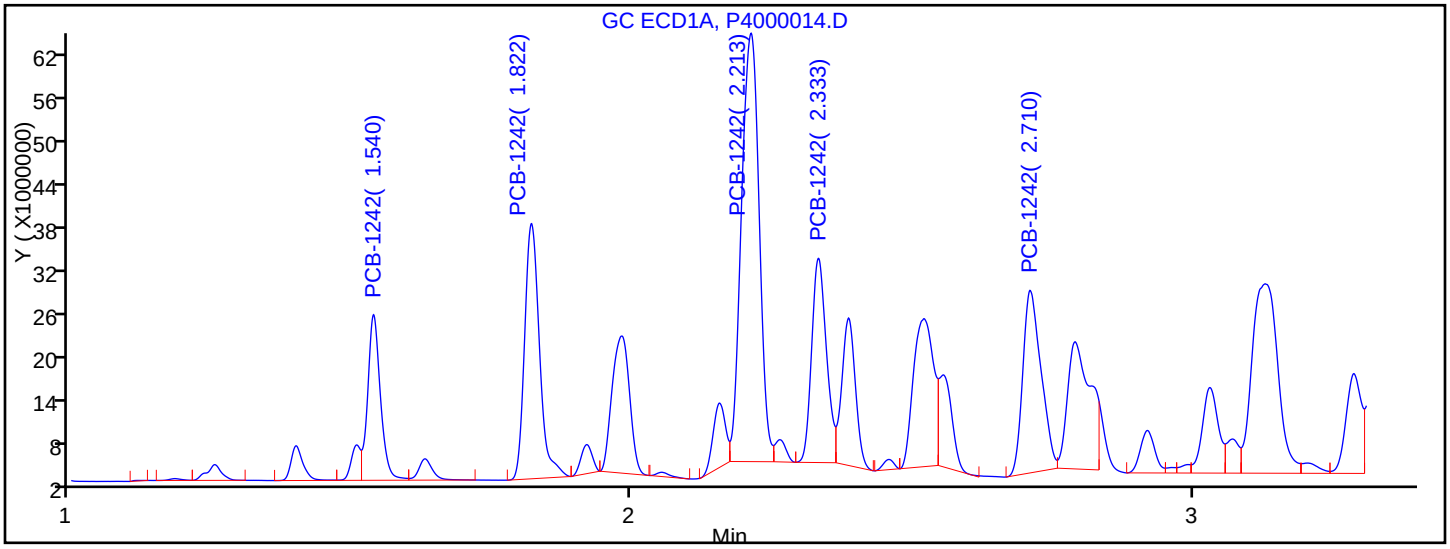
Report Date: 15-Apr-2013 13:04:51 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

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

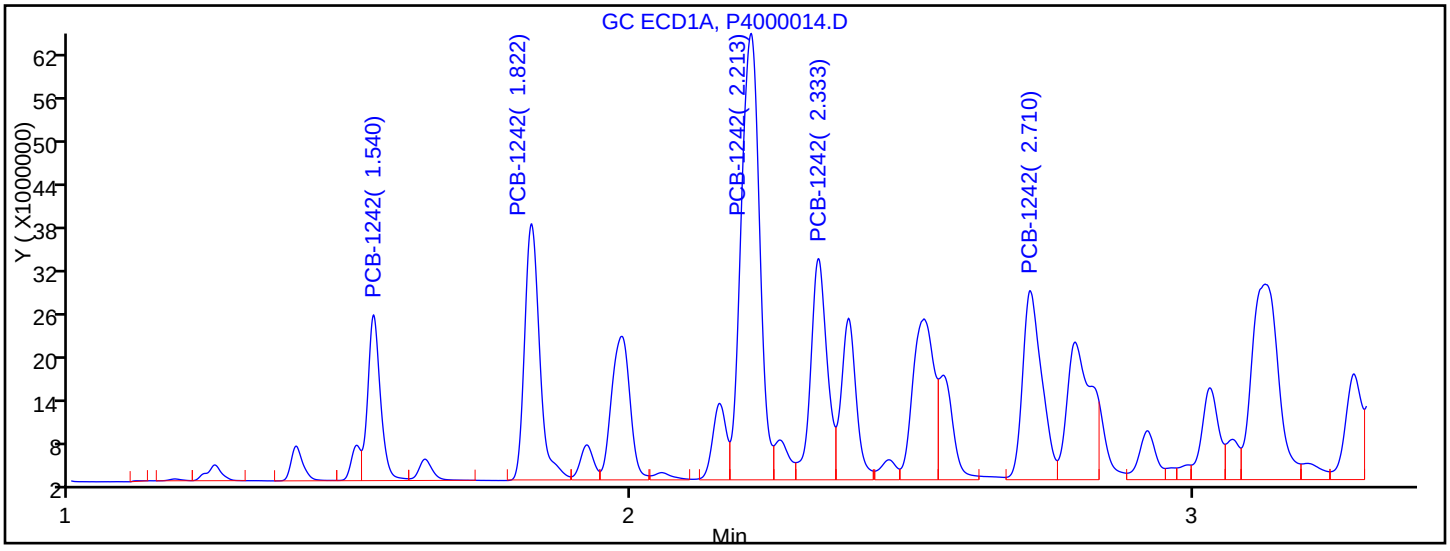
Injection Date:	15-Apr-2013 02:34:41	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	14
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-22648-1 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.: 240-22648-1 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.: 240-22648-1 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			

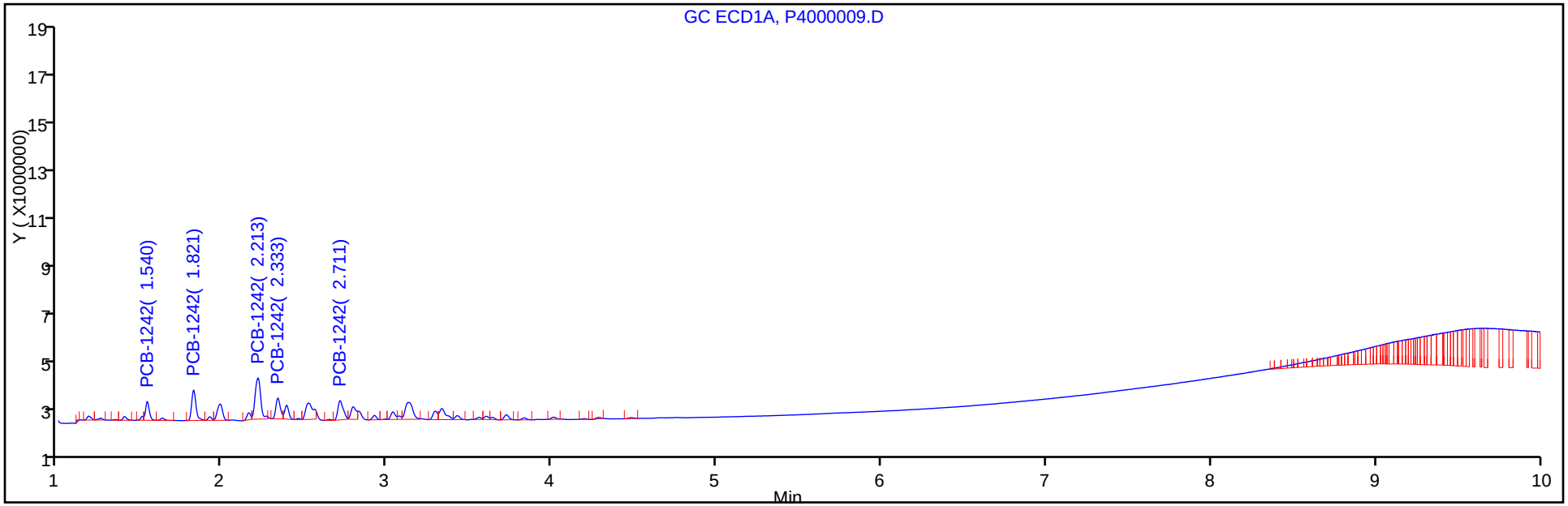
Report Date: 15-Apr-2013 13:04:43 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

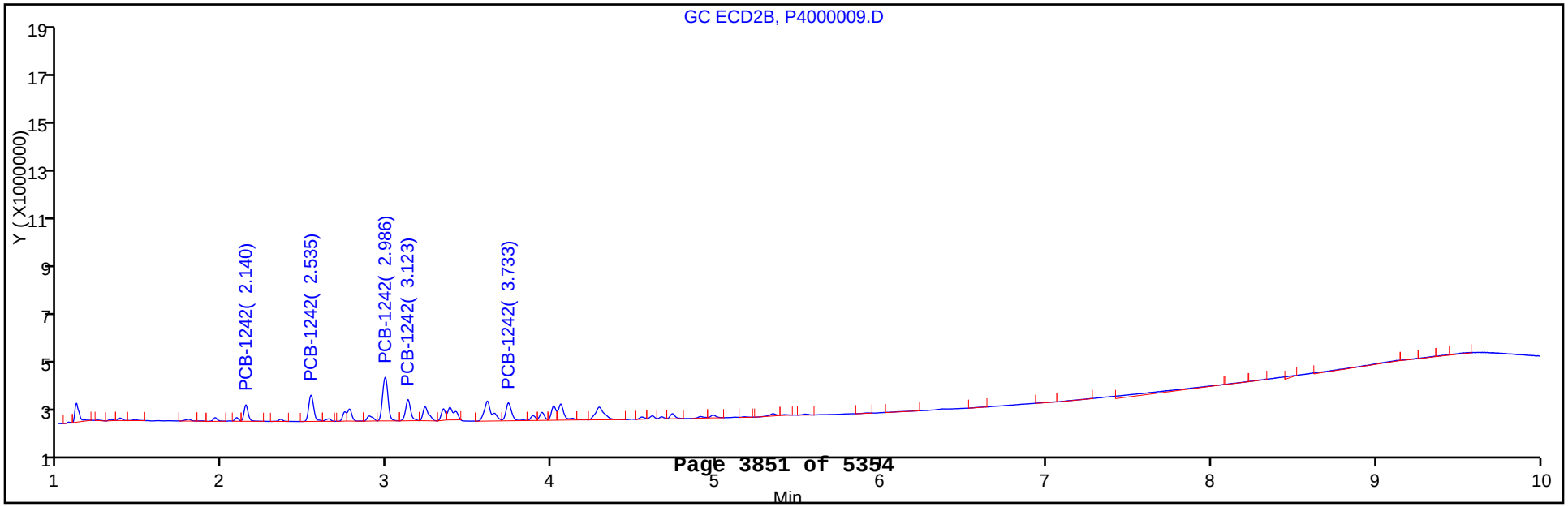
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000009.D

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			

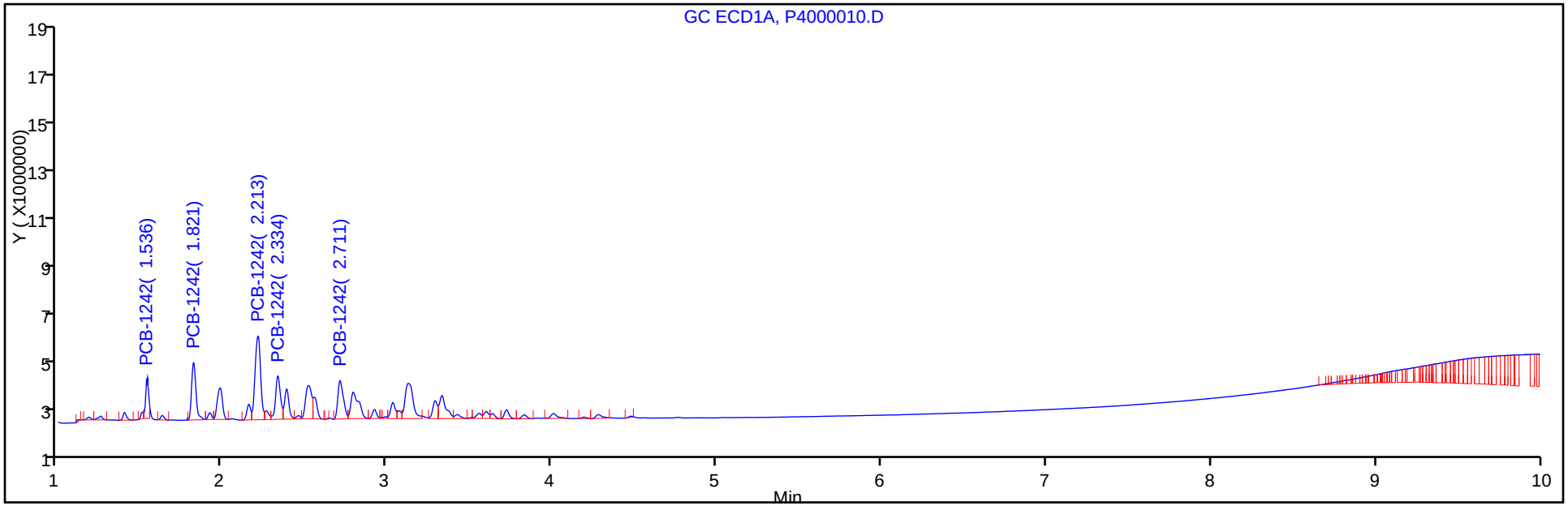
Report Date: 15-Apr-2013 13:04:45 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

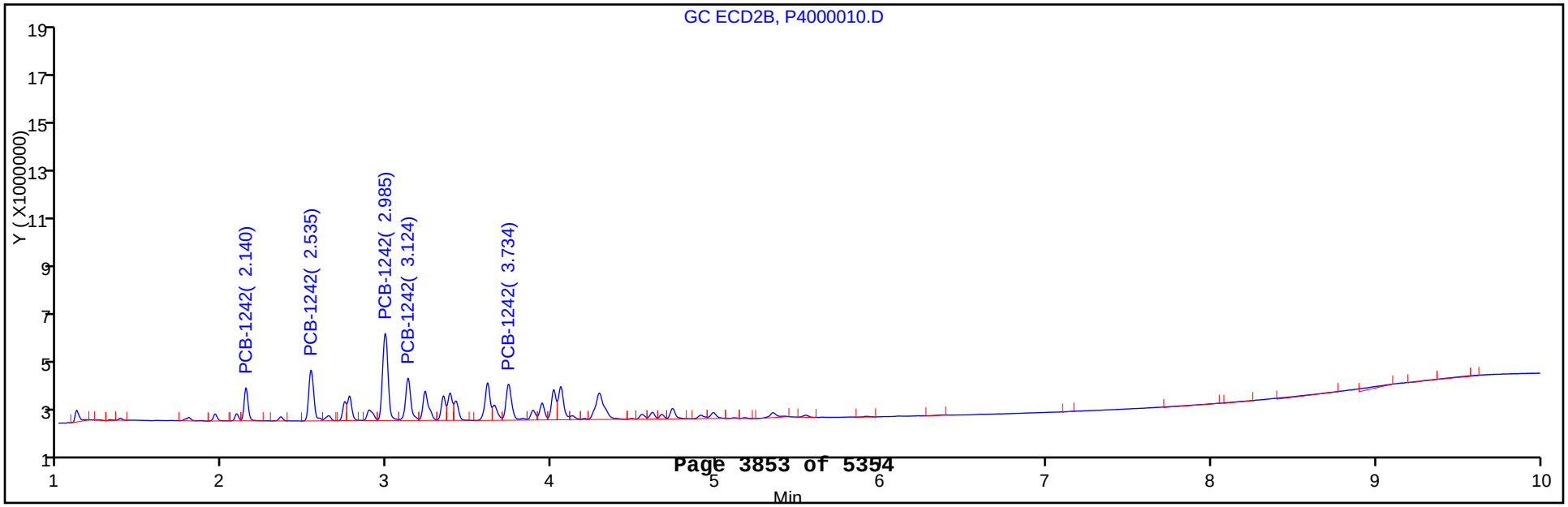
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000010.D

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

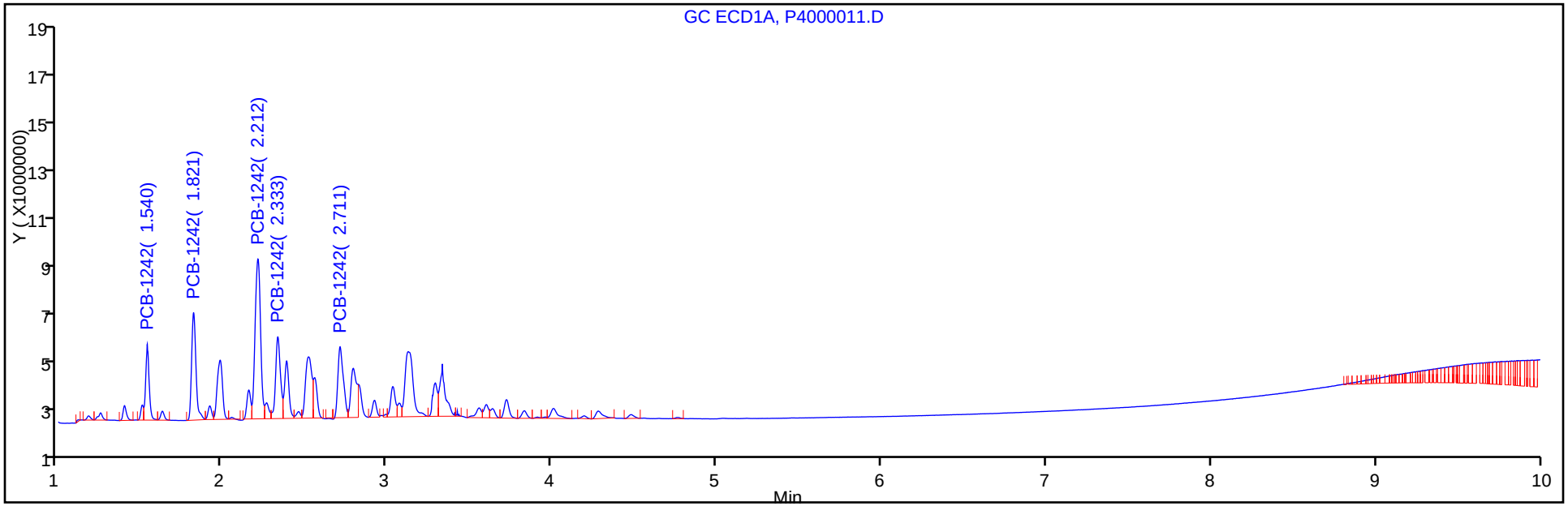
Report Date: 15-Apr-2013 13:04:46 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

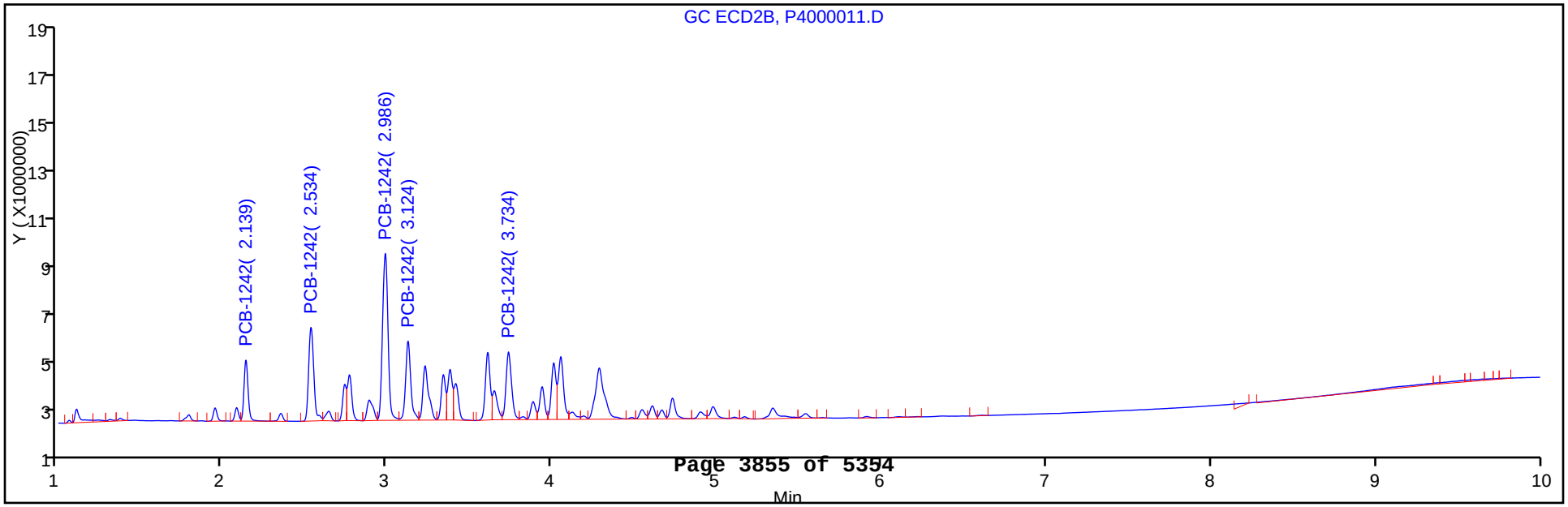
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000011.D

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			

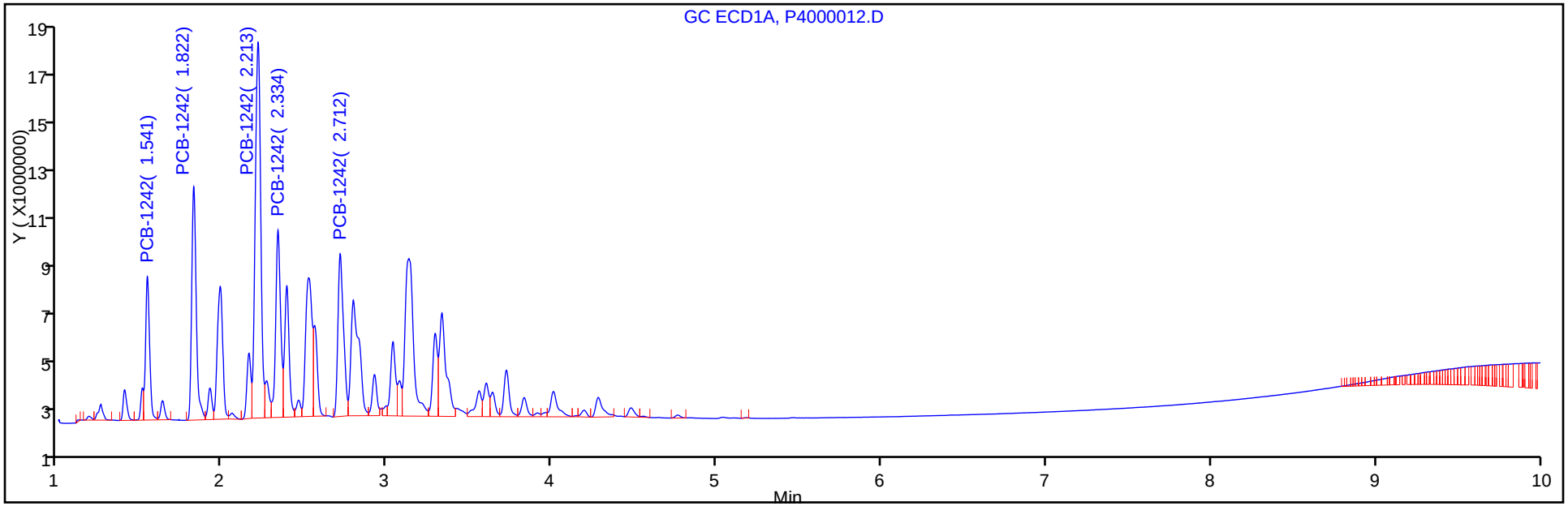
Report Date: 15-Apr-2013 13:04:48 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

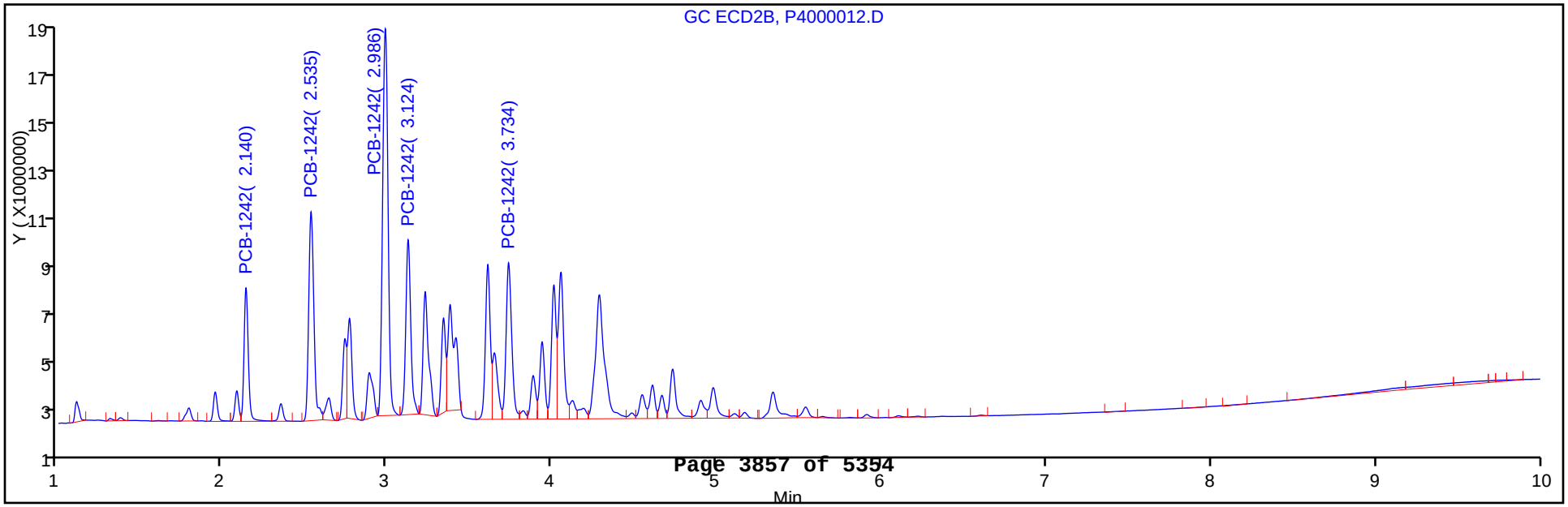
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000012.D

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			

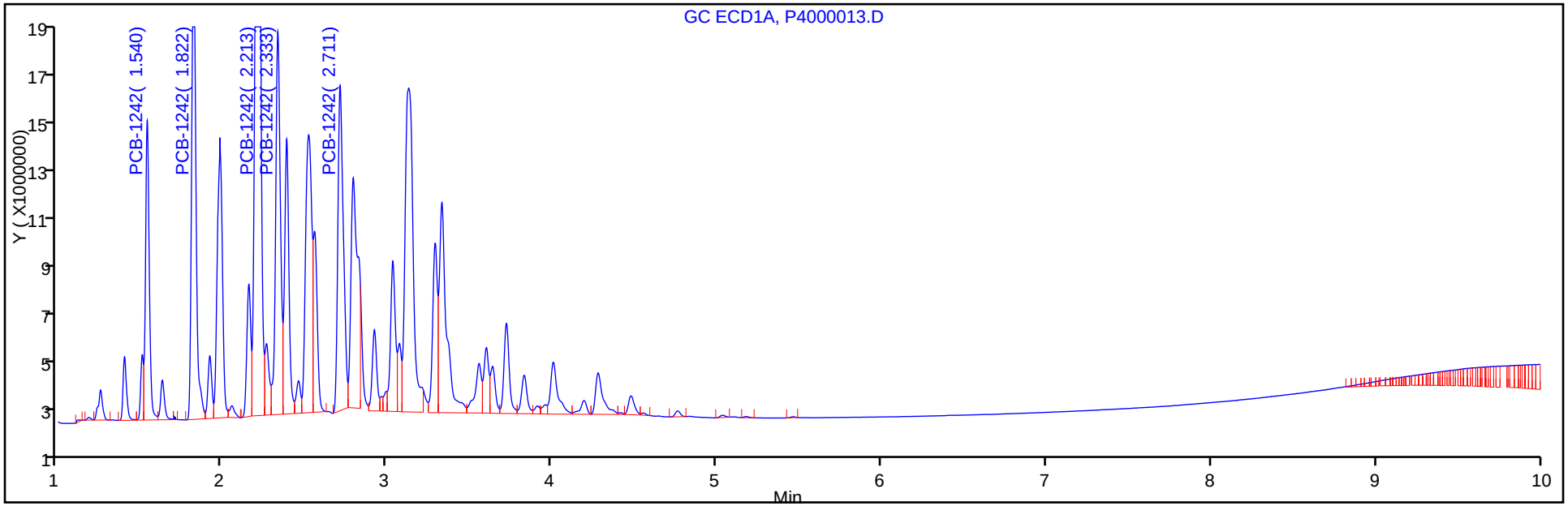
Report Date: 15-Apr-2013 13:04:49 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

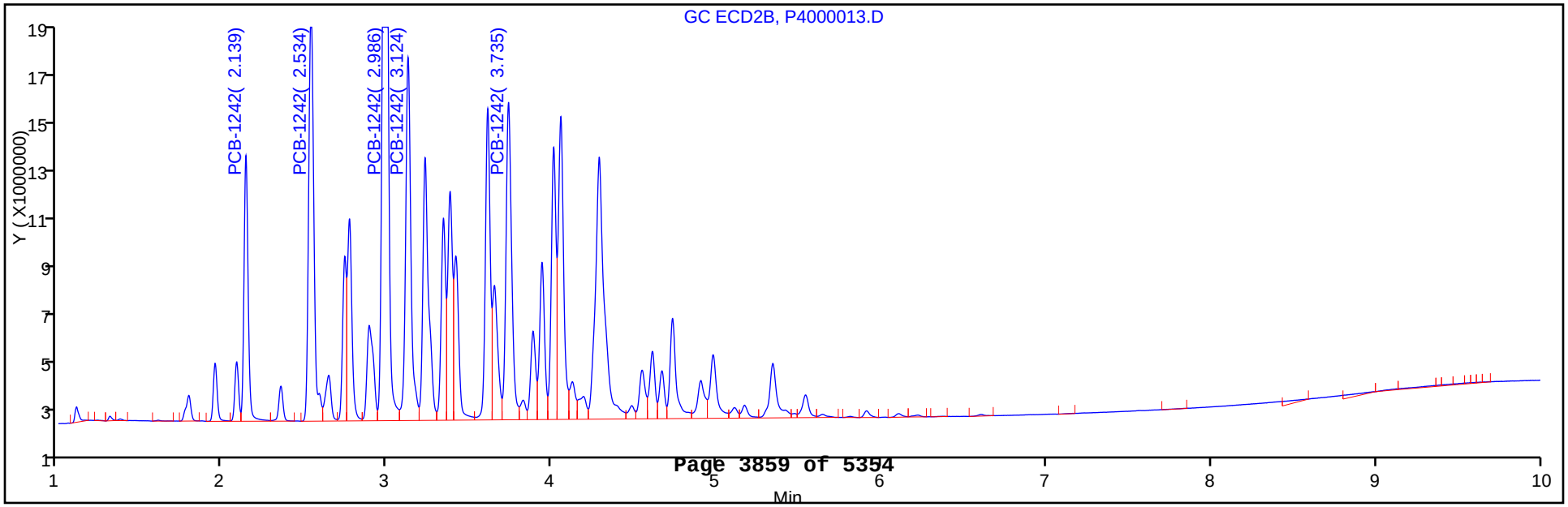
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000013.D

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

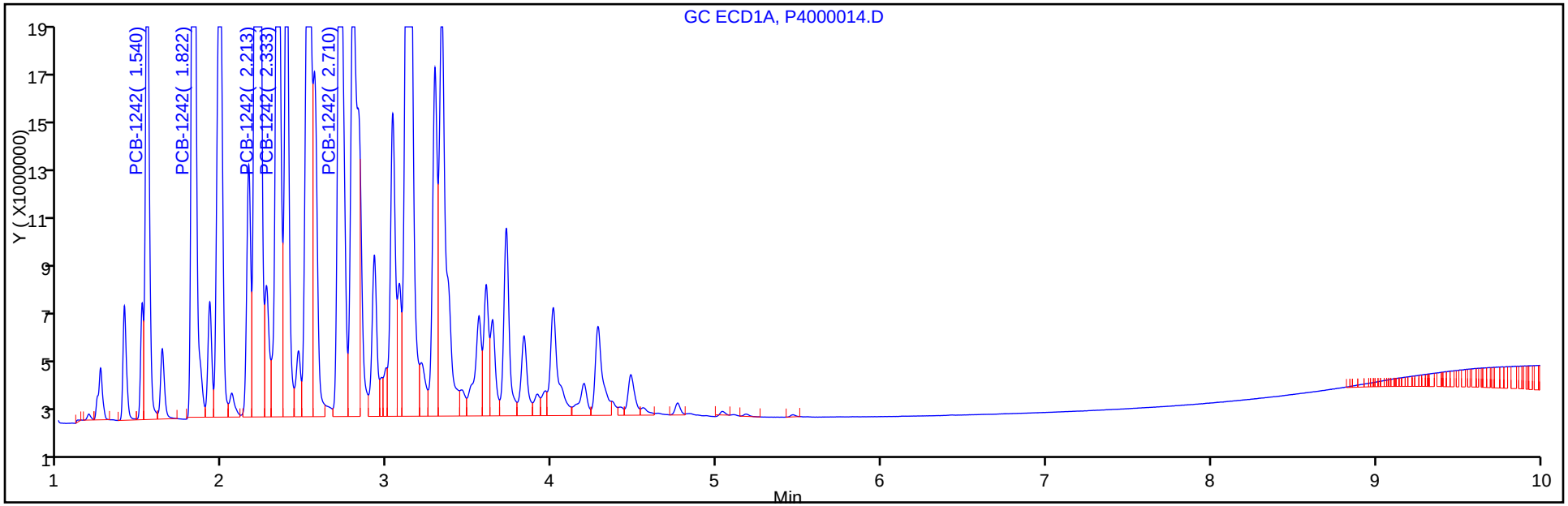
Report Date: 15-Apr-2013 13:04:51 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

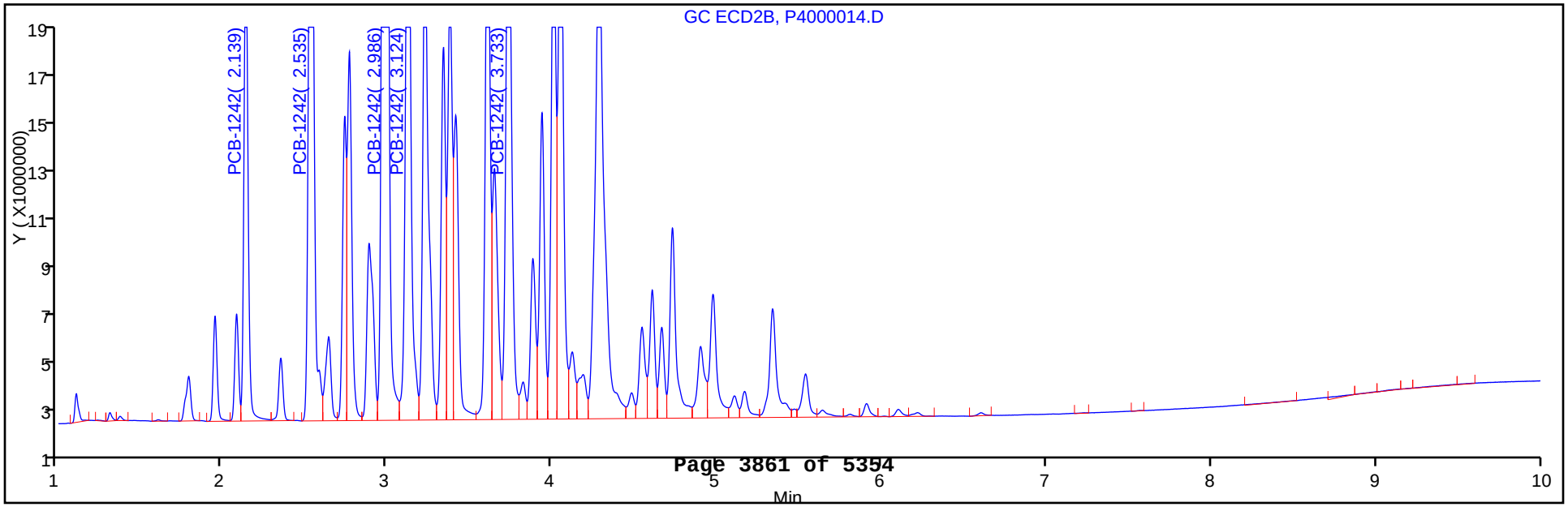
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Injection Date:	15-Apr-2013 02:34:41	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	14
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-22648-1 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.: 240-22648-1 | 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.: 240-22648-1 Analy Batch No.: 81761

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2013 02:50 Calibration End Date: 04/15/2013 04:08 Calibration ID: 14521

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-81761/15	P4000015.D
Level 2	STD01 240-81761/16	P4000016.D
Level 3	STD02 240-81761/17	P4000017.D
Level 4	STD05 240-81761/18	P4000018.D
Level 5	STD1 240-81761/19	P4000019.D
Level 6	STD2 240-81761/20	P4000020.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1248 Peak 1	Ave	1140422 34456808	2239648	4253008	9310306	18644528	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 2	Ave	2459103 93506796	5321407	8979940	23164108	48573249	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 3	Ave	3137261 104150705	6027052	11584469	26105322	54549073	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 4	Ave	1418883 57283059	2888017	5585369	13444021	29177858	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 5	Ave	1304448 55175962	2882330	5458310	13518294	28094417	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000015.D
Lims ID: STD005 1248 Client ID:
Inject. Date: 15-Apr-2013 02:50:20 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0018824-015
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 15
Lims Batch ID: 81761 Lims Sample ID: 15
Sublist: chrom-PCB4*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:51 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK026

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.821	1.821	0.000	1140422	0.0566		100.0	
1	2	2.210	2.210	0.000	2459103	0.0511	186.1- 236.1	215.6	
1	3	2.711	2.711	0.000	3137261	0.0554	247.4- 297.4	275.1	
1	4	3.290	3.290	0.000	1418883	0.0501	106.3- 156.3	124.4	
1	5	3.721	3.721	0.000	1304448	0.0475	103.3- 153.3	114.4	
			Average of Peak Amounts =			0.0521			
2	6	2.532	2.532	0.000	1195857	0.0582		100.0	
2	7	2.982	2.982	0.000	2892764	0.0554	215.2- 275.2	241.9	
2	8	3.733	3.733	0.000	2934602	0.0547	225.9- 285.9	245.4	
2	9	4.008	4.008	0.000	2371135	0.0531	178.4- 238.4	198.3	
2	10	4.730	4.730	0.000	1469740	0.0499	97.2- 157.2	122.9	
			Average of Peak Amounts =			0.0543			
						RPD = 4.02			

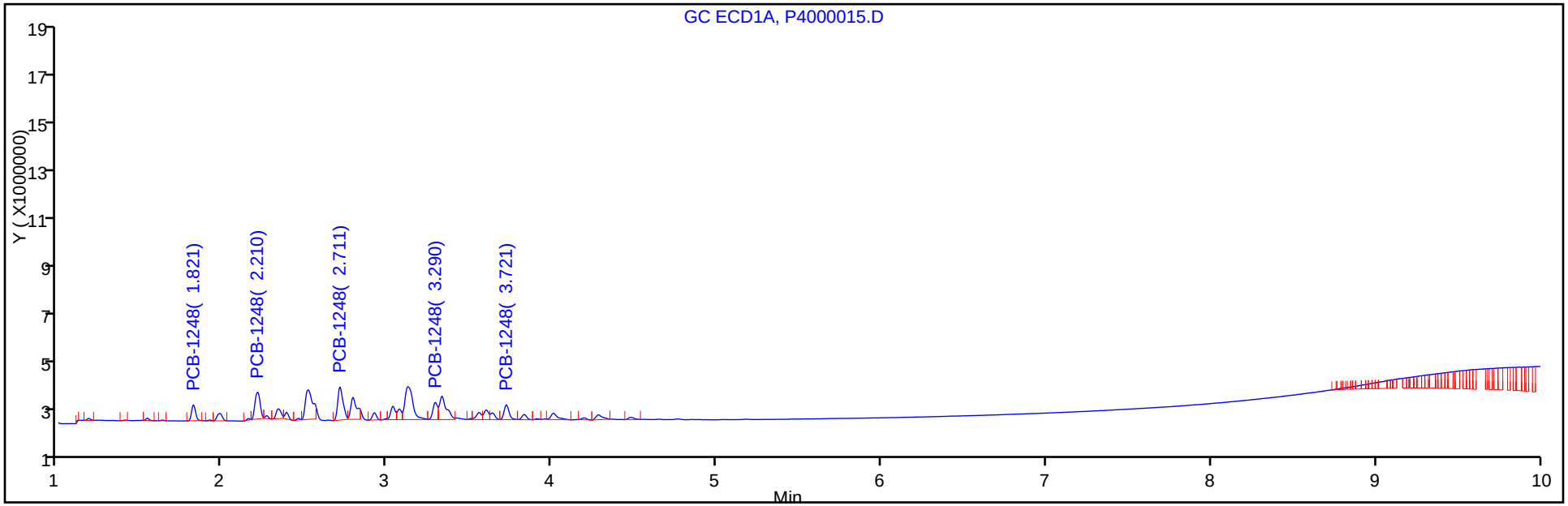
Report Date: 15-Apr-2013 13:04:52 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

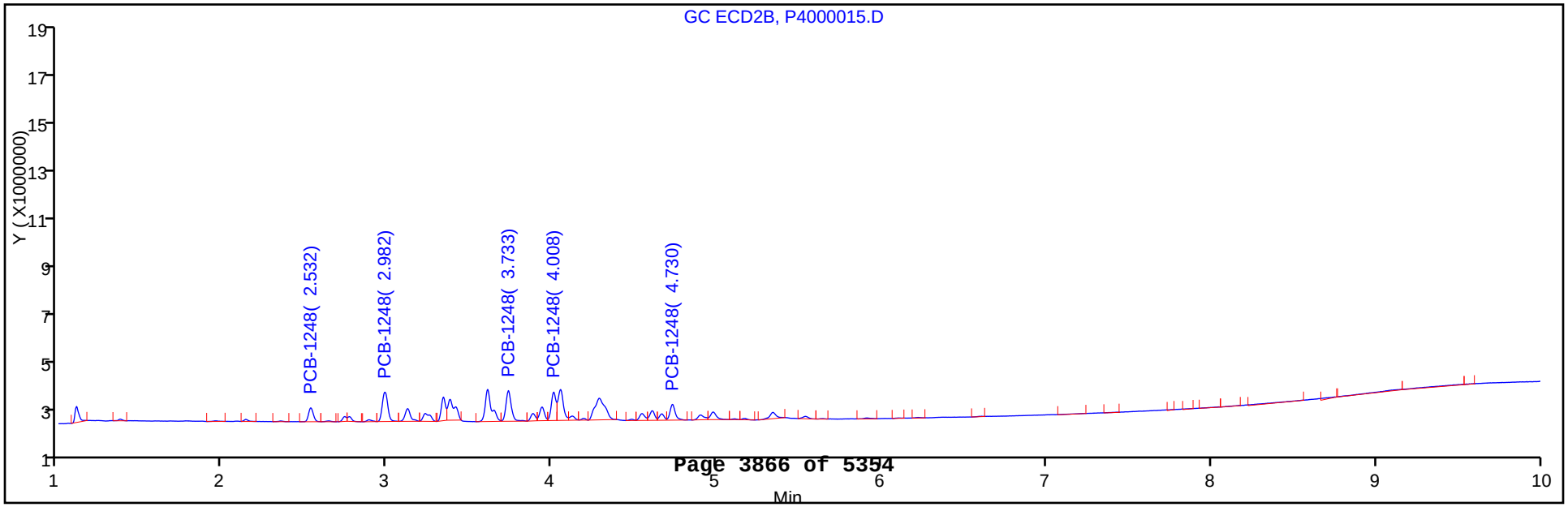
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000015.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000016.D
Lims ID: STD01 1248 Client ID:
Inject. Date: 15-Apr-2013 03:06:00 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0018824-016
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 16
Lims Batch ID: 81761 Lims Sample ID: 16
Sublist: chrom-PCB4*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:52 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK026

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.821	1.821	0.000	2239648	0.1111		100.0	
1	2	2.212	2.210	0.002	5321407	0.1105	186.1- 236.1	237.6	
1	3	2.711	2.711	0.000	6027052	0.1064	247.4- 297.4	269.1	
1	4	3.289	3.290	-0.001	2888017	0.1020	106.3- 156.3	128.9	
1	5	3.723	3.721	0.002	2882330	0.1049	103.3- 153.3	128.7	
			Average of Peak Amounts =			0.1070			
2	6	2.534	2.532	0.002	2256900	0.1098		100.0	
2	7	2.984	2.982	0.002	5502441	0.1053	215.2- 275.2	243.8	
2	8	3.734	3.733	0.001	5653124	0.1055	225.9- 285.9	250.5	
2	9	4.009	4.008	0.001	4620069	0.1035	178.4- 238.4	204.7	
2	10	4.731	4.730	0.001	3084787	0.1047	97.2- 157.2	136.7	
			Average of Peak Amounts =			0.1057			
						RPD = 1.15			

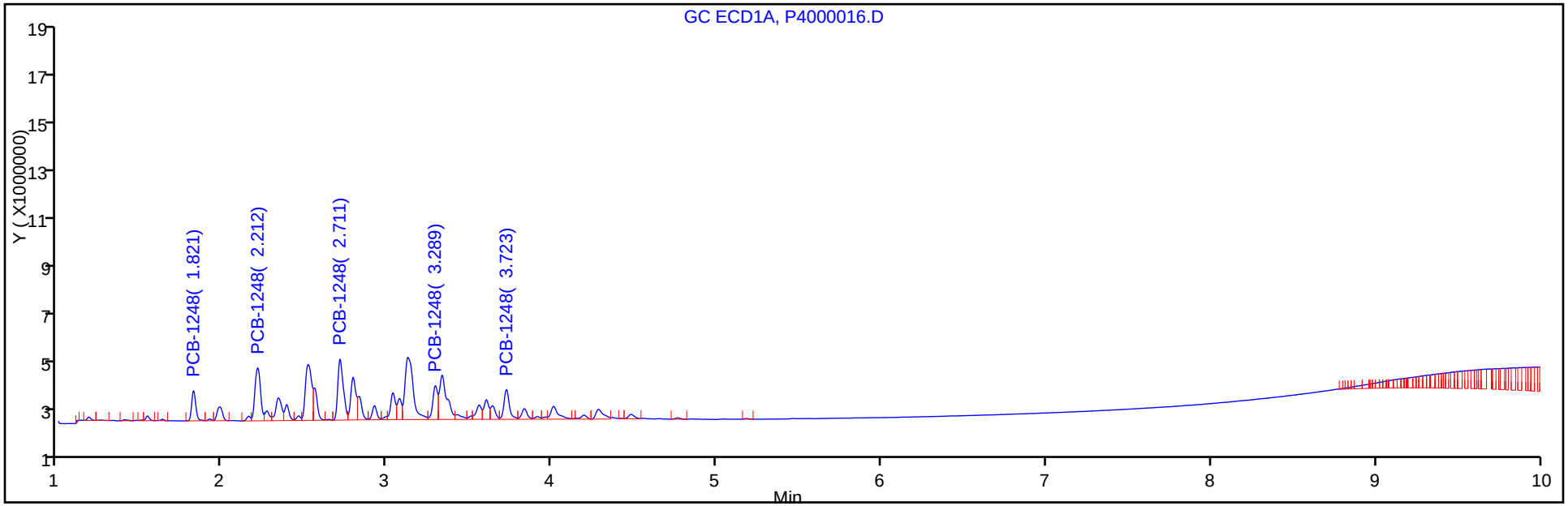
Report Date: 15-Apr-2013 13:04:53 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

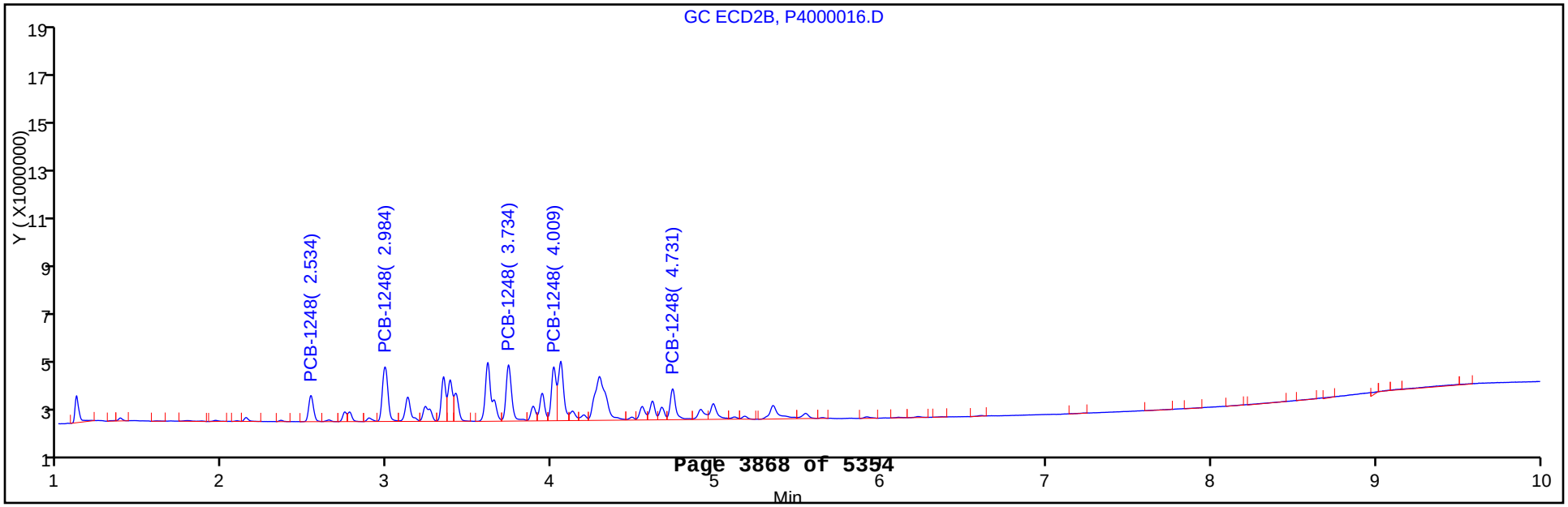
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000016.D

Injection Date:	15-Apr-2013 03:06:00	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	16
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000017.D
Lims ID: STD02 1248 Client ID:
Inject. Date: 15-Apr-2013 03:21:46 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0018824-017
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 17
Lims Batch ID: 81761 Lims Sample ID: 17
Sublist: chrom-PCB4*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:54 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK026

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.823	1.821	0.002	4253008	0.2110		100.0	
1	2	2.213	2.210	0.003	8979940	0.1865	186.1- 236.1	211.1	
1	3	2.713	2.711	0.002	11584469	0.2046	247.4- 297.4	272.4	
1	4	3.290	3.290	0.000	5585369	0.1973	106.3- 156.3	131.3	
1	5	3.723	3.721	0.002	5458310	0.1986	103.3- 153.3	128.3	
			Average of Peak Amounts =			0.1996			
2	6	2.534	2.532	0.002	4260605	0.2073		100.0	
2	7	2.985	2.982	0.003	10448787	0.2000	215.2- 275.2	245.2	
2	8	3.735	3.733	0.002	10902961	0.2034	225.9- 285.9	255.9	
2	9	4.010	4.008	0.002	8878114	0.1989	178.4- 238.4	208.4	
2	10	4.731	4.730	0.001	5417368	0.1838	97.2- 157.2	127.2	
			Average of Peak Amounts =			0.1987			
						RPD = 0.45			

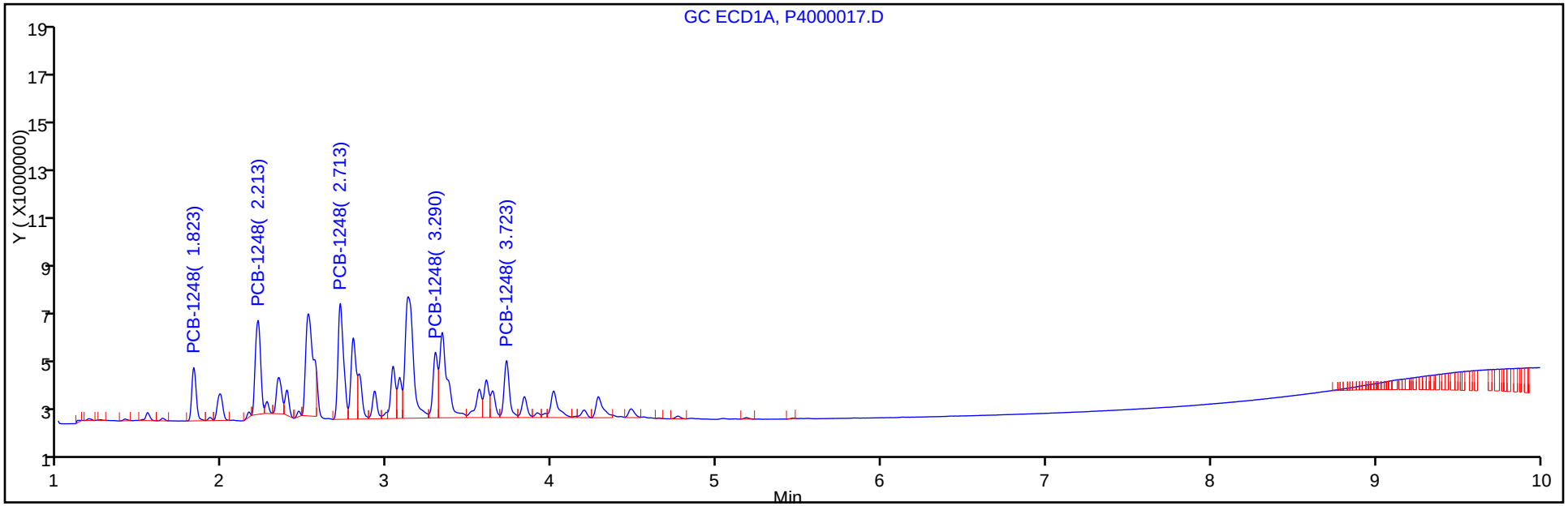
Report Date: 15-Apr-2013 13:04:55 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

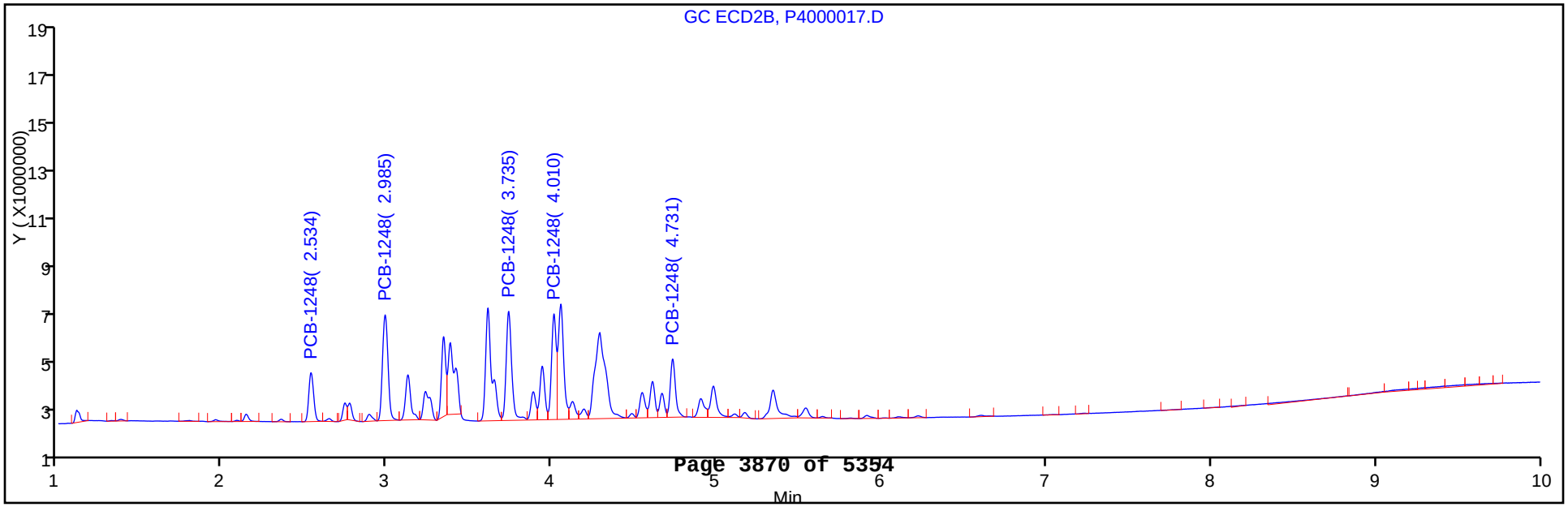
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000017.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000018.D
Lims ID: STD05 1248 Client ID:
Inject. Date: 15-Apr-2013 03:37:25 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0018824-018
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 18
Lims Batch ID: 81761 Lims Sample ID: 18
Sublist: chrom-PCB4*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:55 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK026

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.822	1.821	0.001	9310306	0.4618		100.0	
1	2	2.212	2.210	0.002	23164108	0.4810	186.1- 236.1	248.8	
1	3	2.712	2.711	0.001	26105322	0.4610	247.4- 297.4	280.4	
1	4	3.290	3.290	0.000	13444021	0.4748	106.3- 156.3	144.4	
1	5	3.722	3.721	0.001	13518294	0.4918	103.3- 153.3	145.2	
			Average of Peak Amounts =			0.4741			
2	6	2.535	2.532	0.003	9548938	0.4646		100.0	
2	7	2.985	2.982	0.003	24643538	0.4716	215.2- 275.2	258.1	
2	8	3.735	3.733	0.002	25368546	0.4732	225.9- 285.9	265.7	
2	9	4.010	4.008	0.002	21095875	0.4726	178.4- 238.4	220.9	
2	10	4.730	4.730	0.000	14980478	0.5083	97.2- 157.2	156.9	
			Average of Peak Amounts =			0.4781			
						RPD = 0.84			

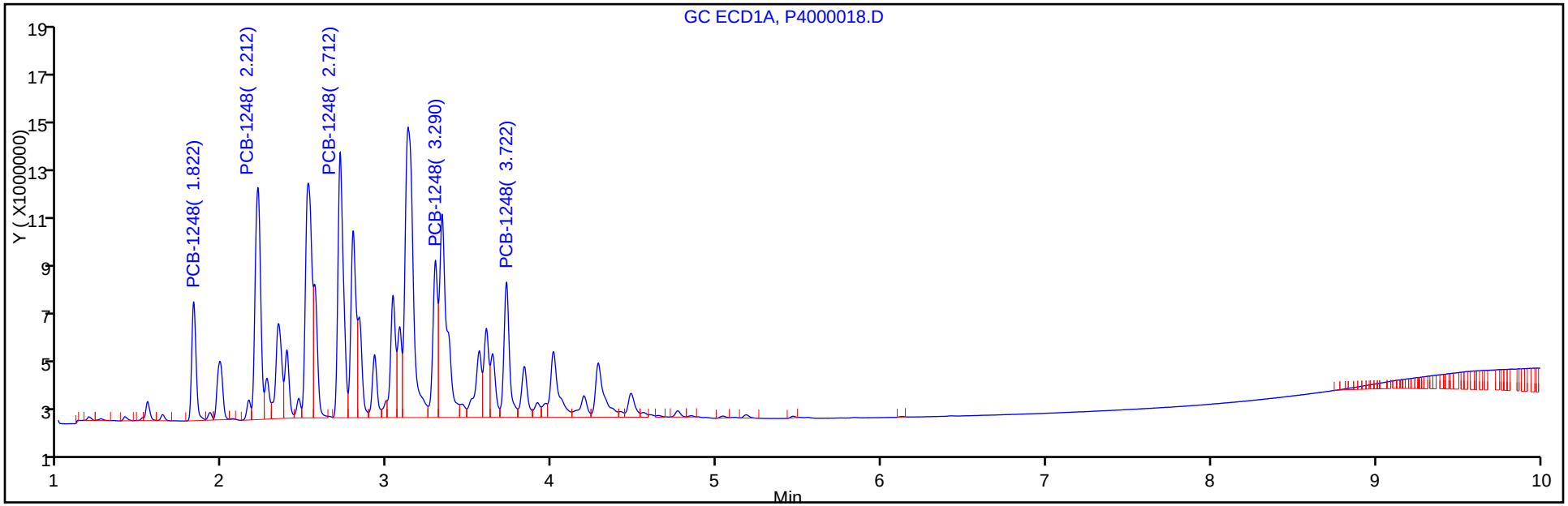
Report Date: 15-Apr-2013 13:04:56 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

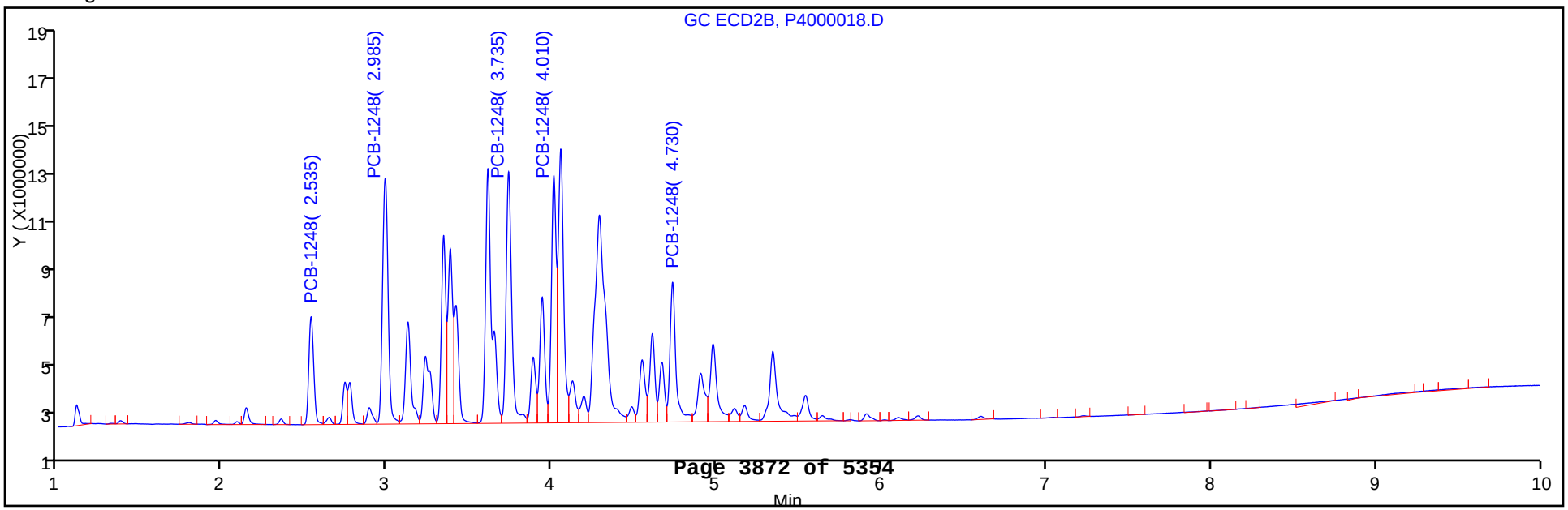
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000018.D

Injection Date:	15-Apr-2013 03:37:25	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	18
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000019.D
Lims ID: STD1 1248 Client ID:
Inject. Date: 15-Apr-2013 03:53:03 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0018824-019
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 19
Lims Batch ID: 81761 Lims Sample ID: 19
Sublist: chrom-PCB4*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m
Last Update: 15-Apr-2013 13:04:56 Calib Date: 15-Apr-2013 10:24:45
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK026

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.822	1.821	0.001	18644528	0.9248		100.0	
1	2	2.213	2.210	0.003	48573249	1.01	186.1- 236.1	260.5	
1	3	2.712	2.711	0.001	54549073	0.9633	247.4- 297.4	292.6	
1	4	3.290	3.290	0.000	29177858	1.03	106.3- 156.3	156.5	
1	5	3.721	3.721	0.000	28094417	1.02	103.3- 153.3	150.7	
			Average of Peak Amounts =			0.9898			
2	6	2.534	2.532	0.002	18739596	0.9118		100.0	
2	7	2.985	2.982	0.003	49805139	0.9531	215.2- 275.2	265.8	
2	8	3.734	3.733	0.001	52292345	0.9755	225.9- 285.9	279.0	
2	9	4.009	4.008	0.001	44182167	0.9897	178.4- 238.4	235.8	
2	10	4.731	4.730	0.001	30966185	1.05	97.2- 157.2	165.2	
			Average of Peak Amounts =			0.9762			
						RPD = 1.39			

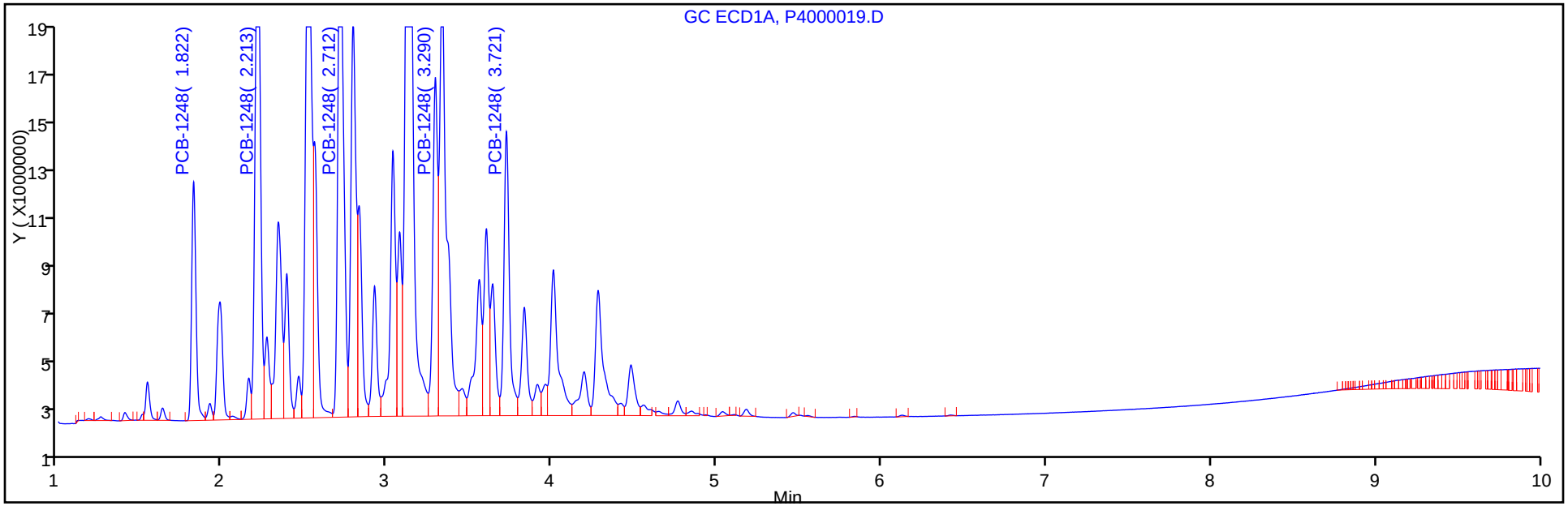
Report Date: 15-Apr-2013 13:04:57 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

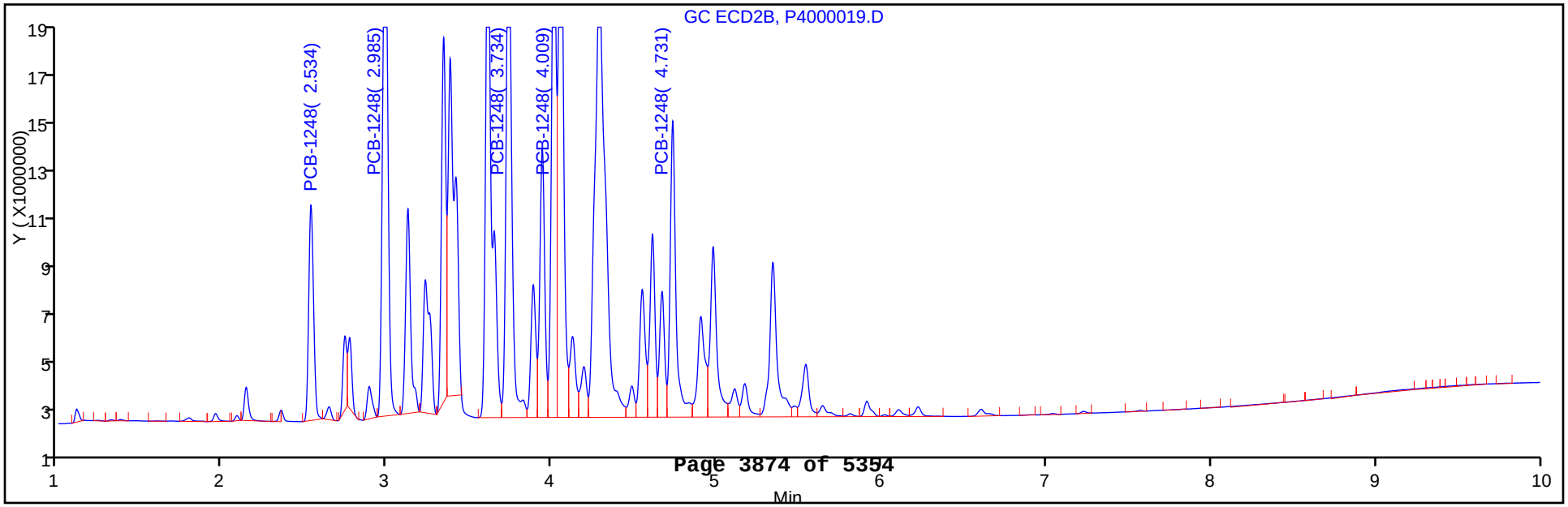
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000019.D

Injection Date:	15-Apr-2013 03:53:03	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	19
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000020.D		
Lims ID:	STD2 1248	Client ID:	
Inject. Date:	15-Apr-2013 04:08:43	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0018824-020		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 ul	ALS Bottle#:	20
Lims Batch ID:	81761	Lims Sample ID:	20
Sublist:	chrom-PCB4*sub3		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m		
Last Update:	15-Apr-2013 13:04:58	Calib Date:	15-Apr-2013 10:24:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK026		

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.822	1.821	0.001	34456808	1.71		100.0	
1	2	2.213	2.210	0.003	93506796	1.94	186.1- 236.1	271.4	
1	3	2.711	2.711	0.000	104150705	1.84	247.4- 297.4	302.3	
1	4	3.289	3.290	-0.001	57283059	2.02	106.3- 156.3	166.2	
1	5	3.721	3.721	0.000	55175962	2.01	103.3- 153.3	160.1	
			Average of Peak Amounts =			1.90			
2	6	2.535	2.532	0.003	35364911	1.72		100.0	
2	7	2.985	2.982	0.003	98612004	1.89	215.2- 275.2	278.8	
2	8	3.734	3.733	0.001	97746731	1.82	225.9- 285.9	276.4	
2	9	4.010	4.008	0.002	86926943	1.95	178.4- 238.4	245.8	
2	10	4.730	4.730	0.000	57129707	1.94	97.2- 157.2	161.5	
			Average of Peak Amounts =			1.86			
						RPD = 2.16			

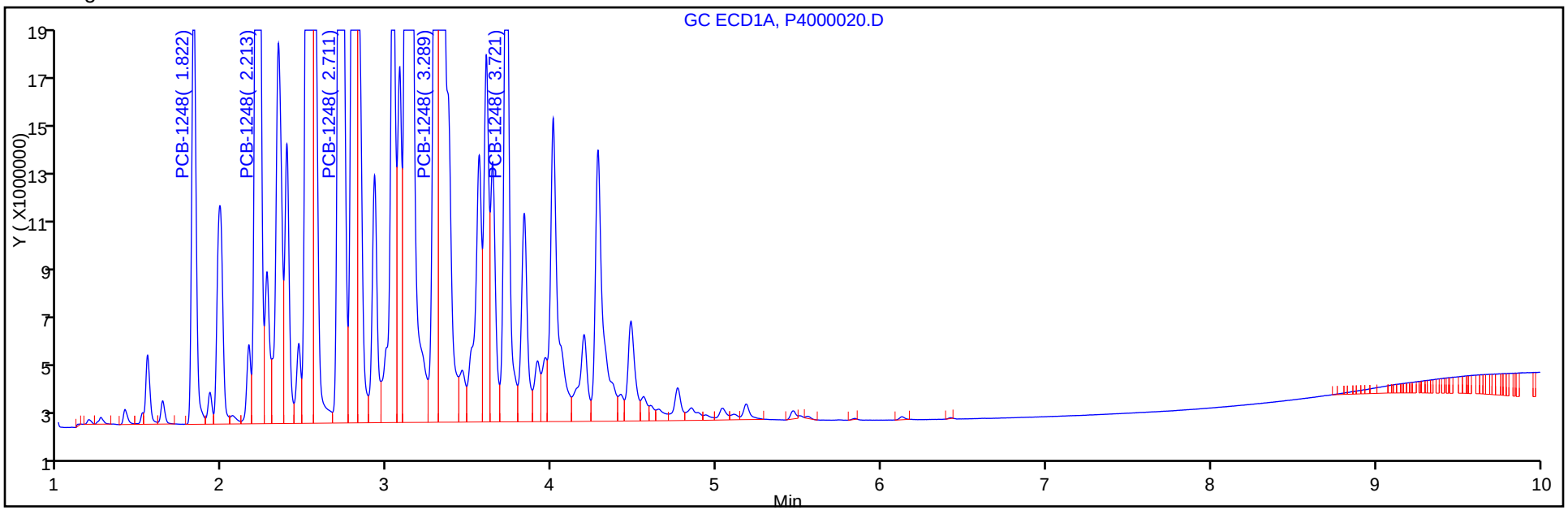
Report Date: 15-Apr-2013 13:04:59 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

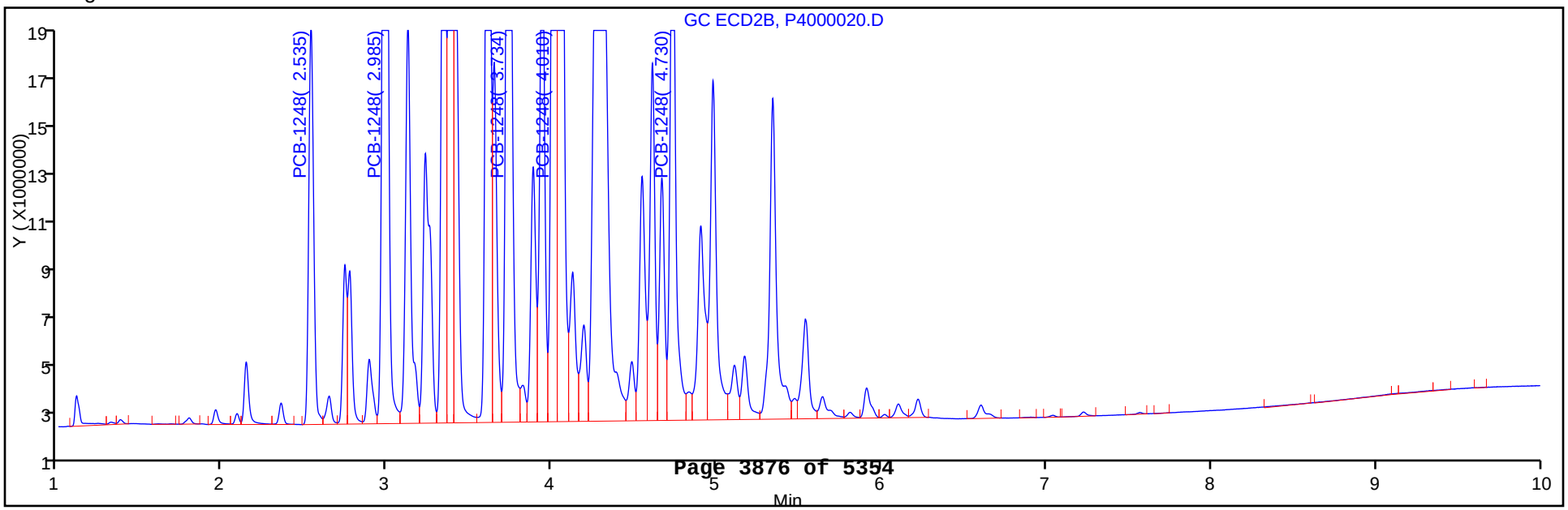
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000020.D

Injection Date:	15-Apr-2013 04:08:43	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	20
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

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

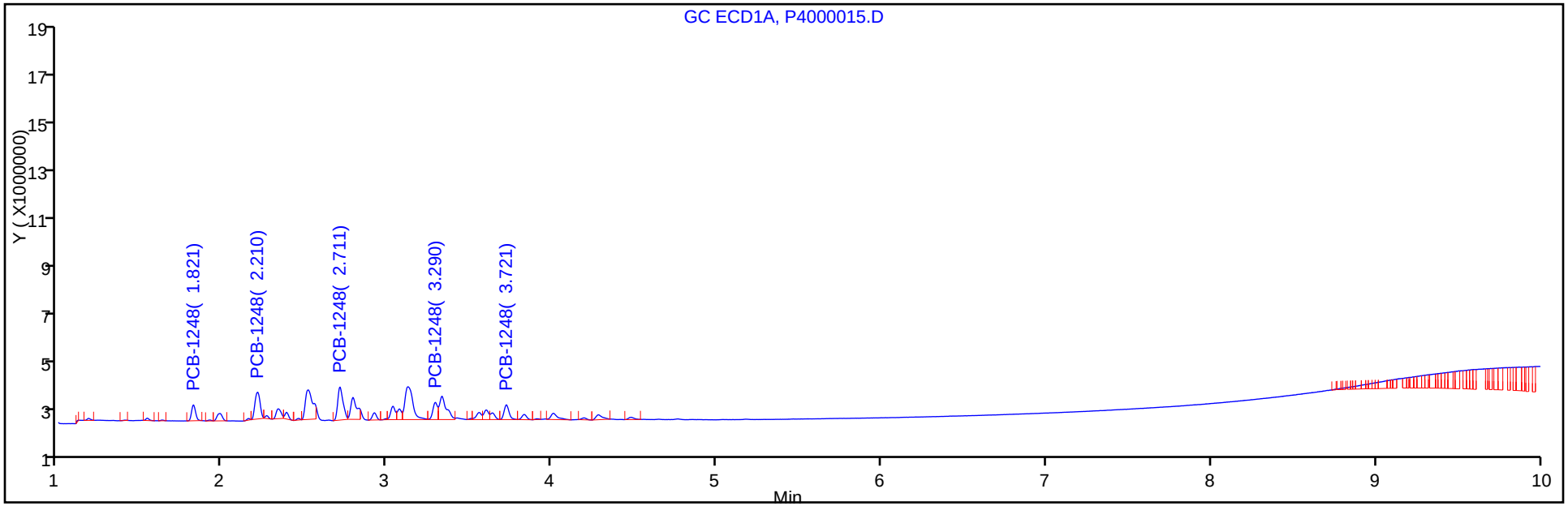
Report Date: 15-Apr-2013 13:04:52 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

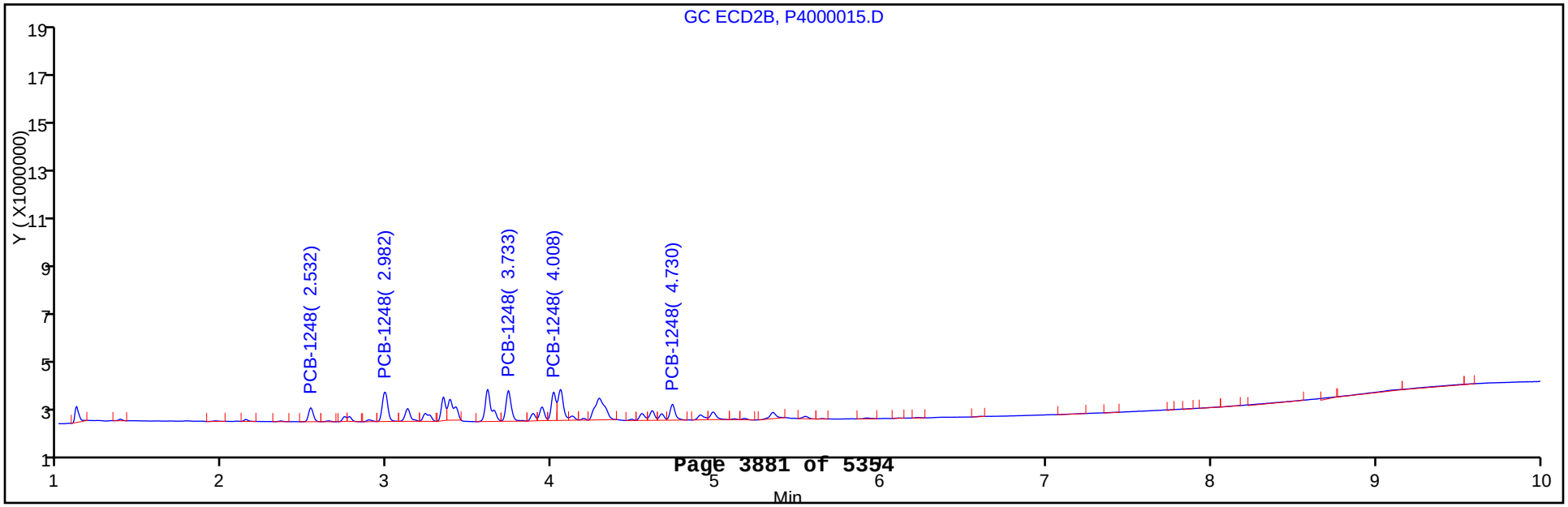
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Injection Date:	15-Apr-2013 02:50:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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			

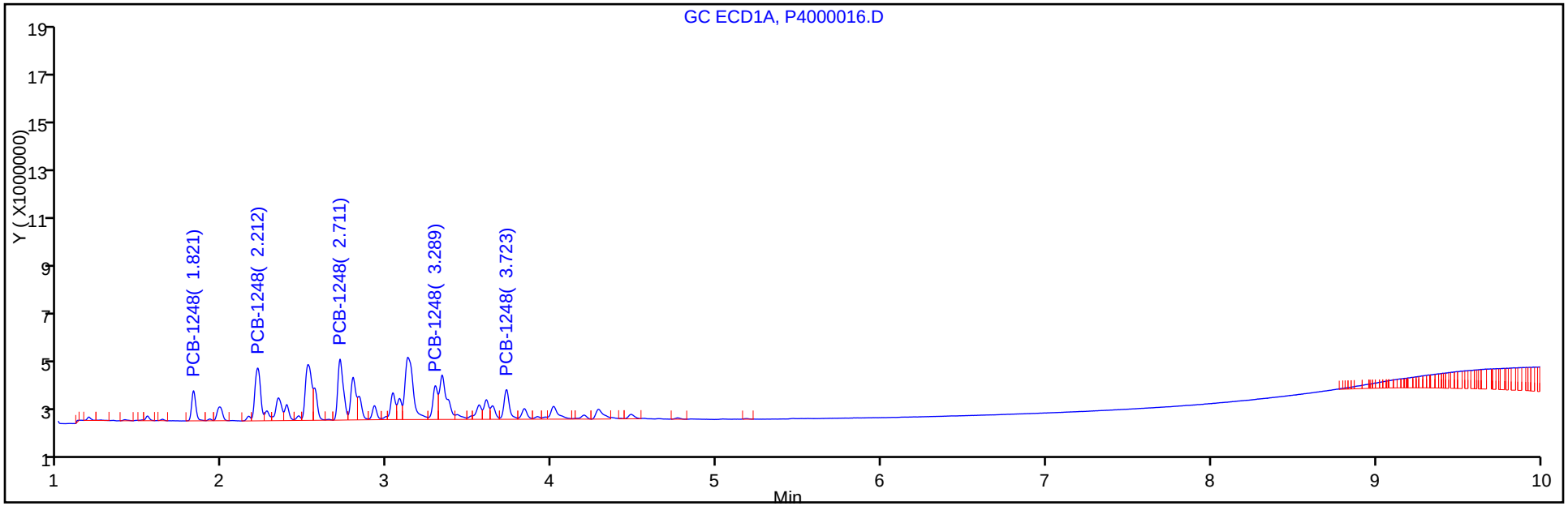
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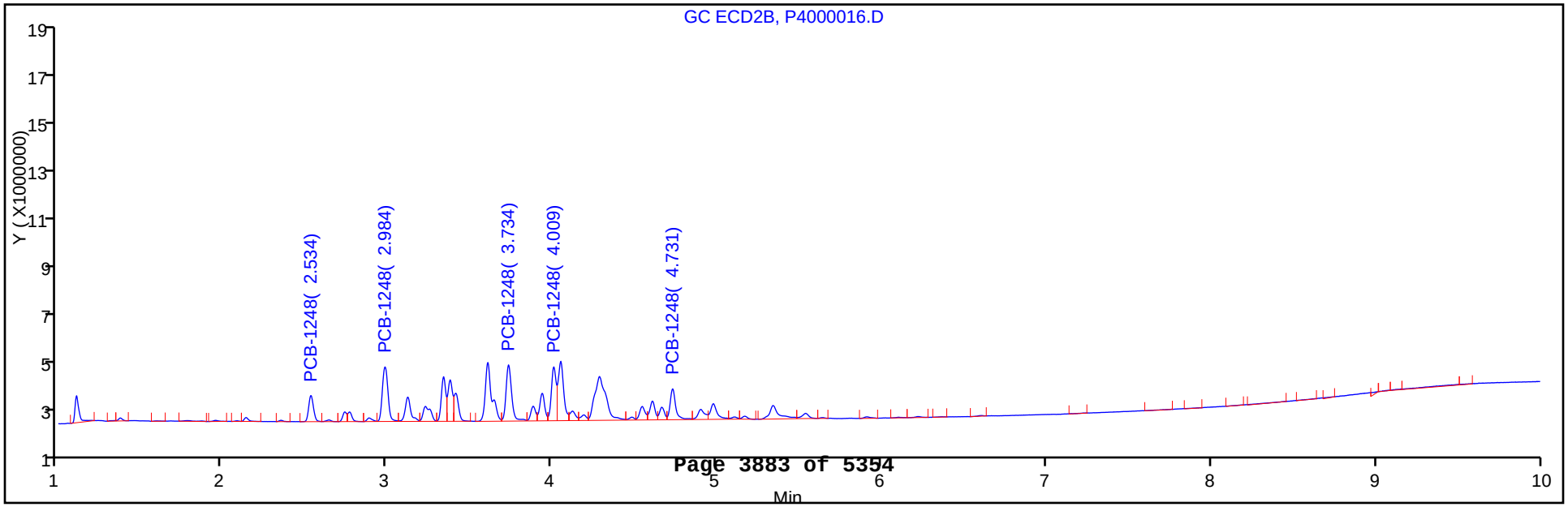
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Injection Date:	15-Apr-2013 03:06:00	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	16
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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			

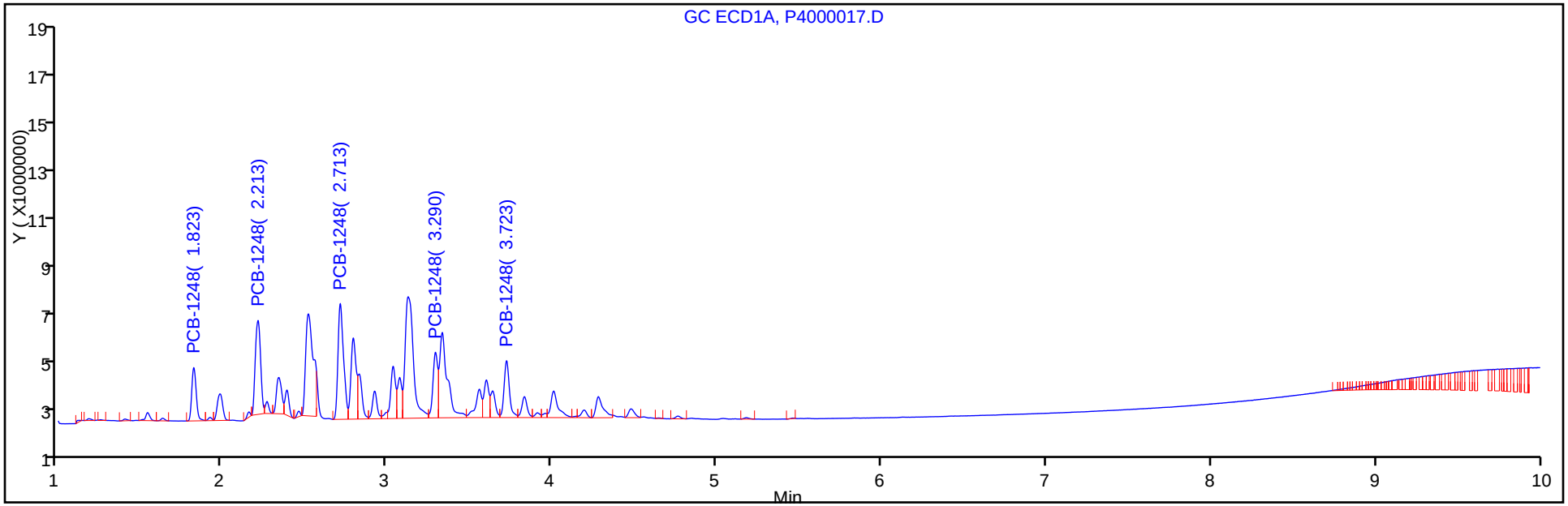
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TestAmerica Canton

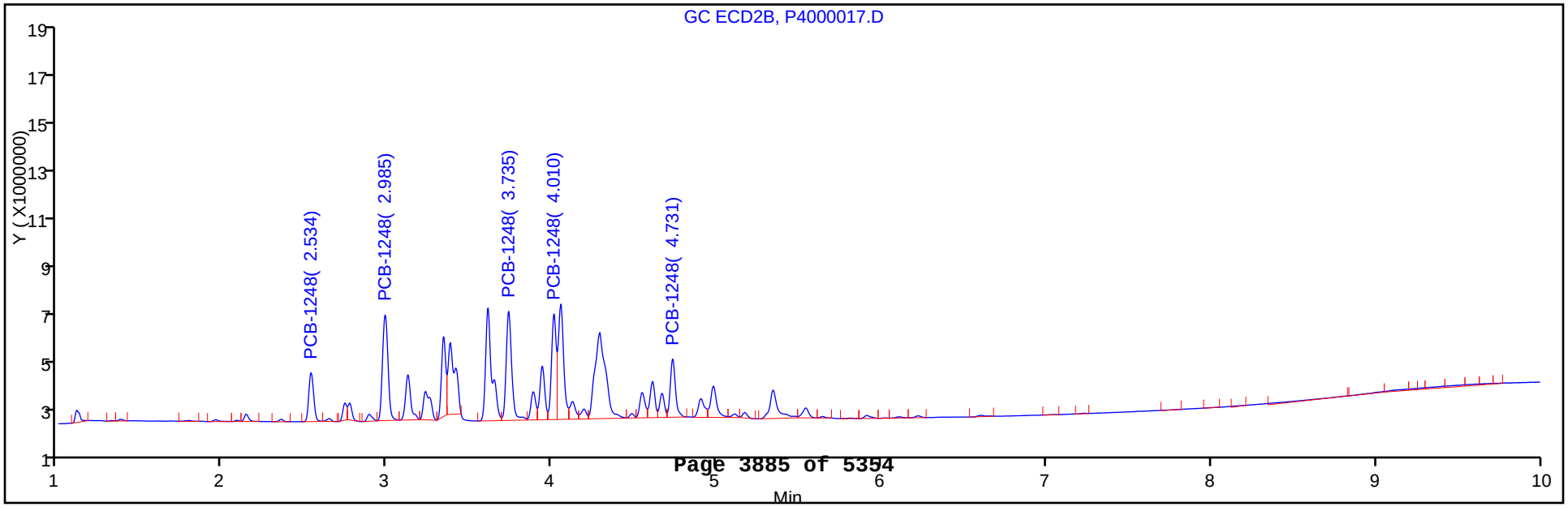
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000017.D

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			

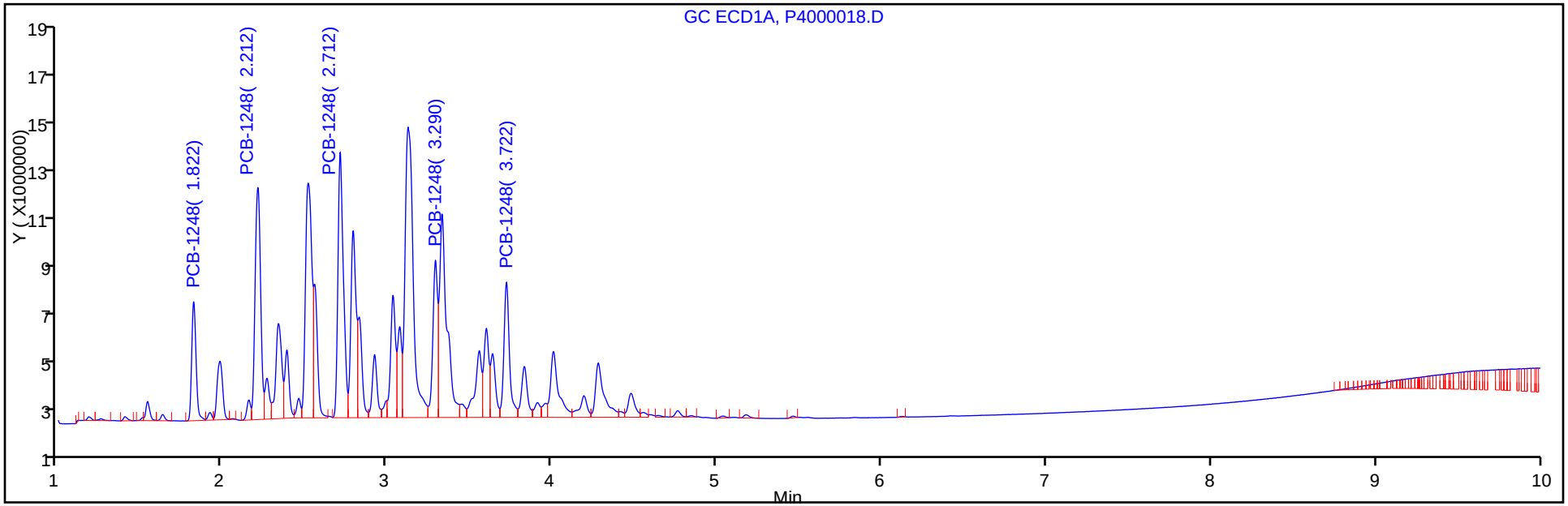
Report Date: 15-Apr-2013 13:04:56 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

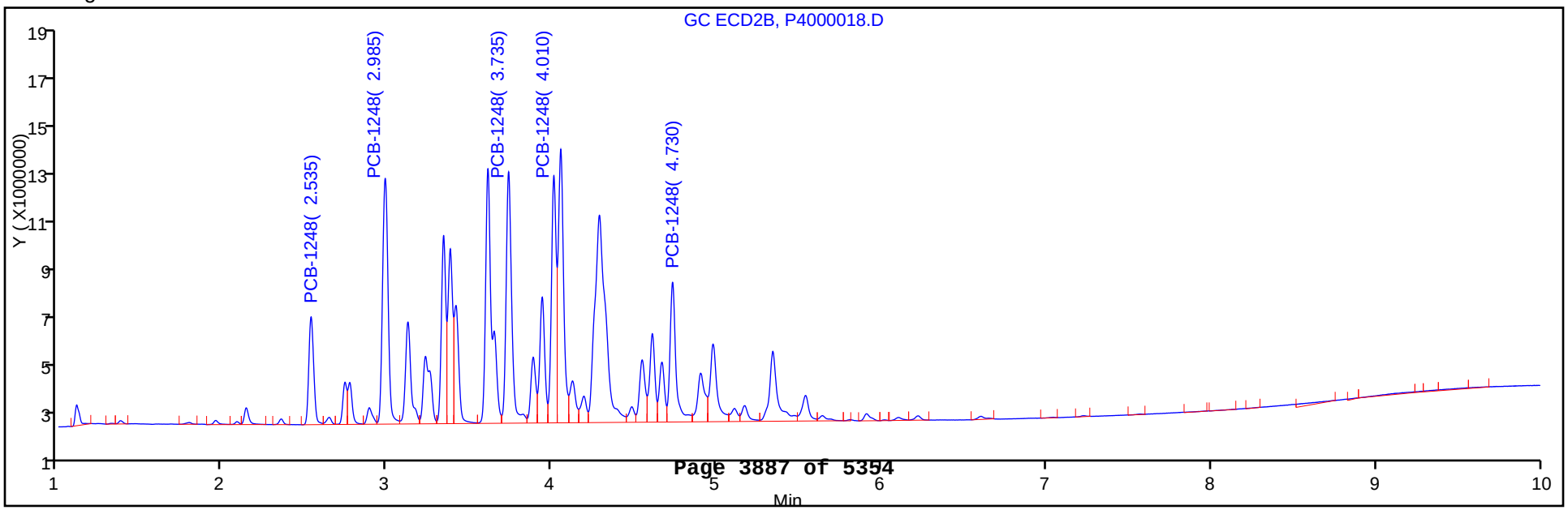
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000018.D

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			

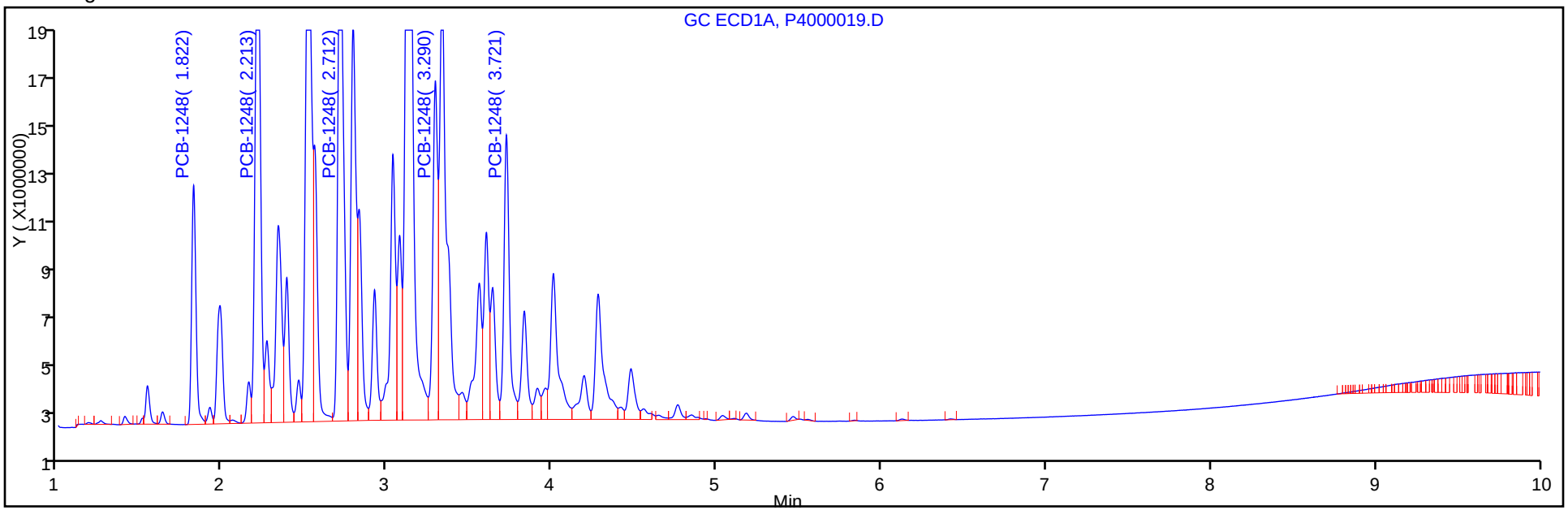
Report Date: 15-Apr-2013 13:04:58 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

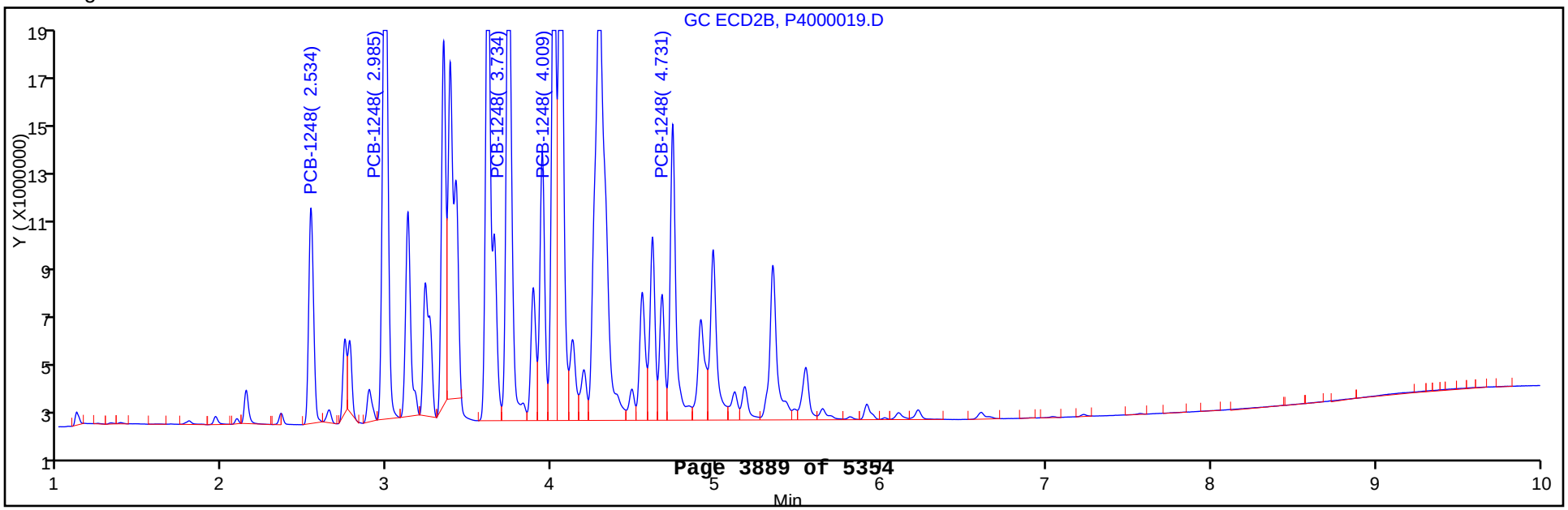
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000019.D

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			

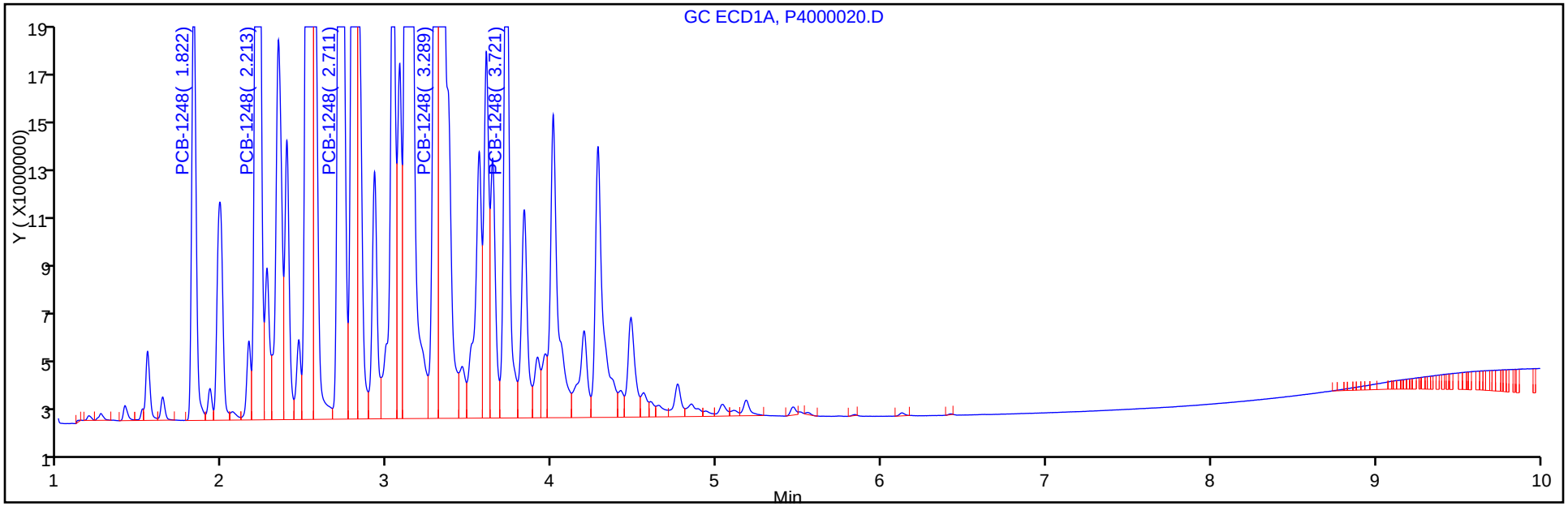
Report Date: 15-Apr-2013 13:04:59 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

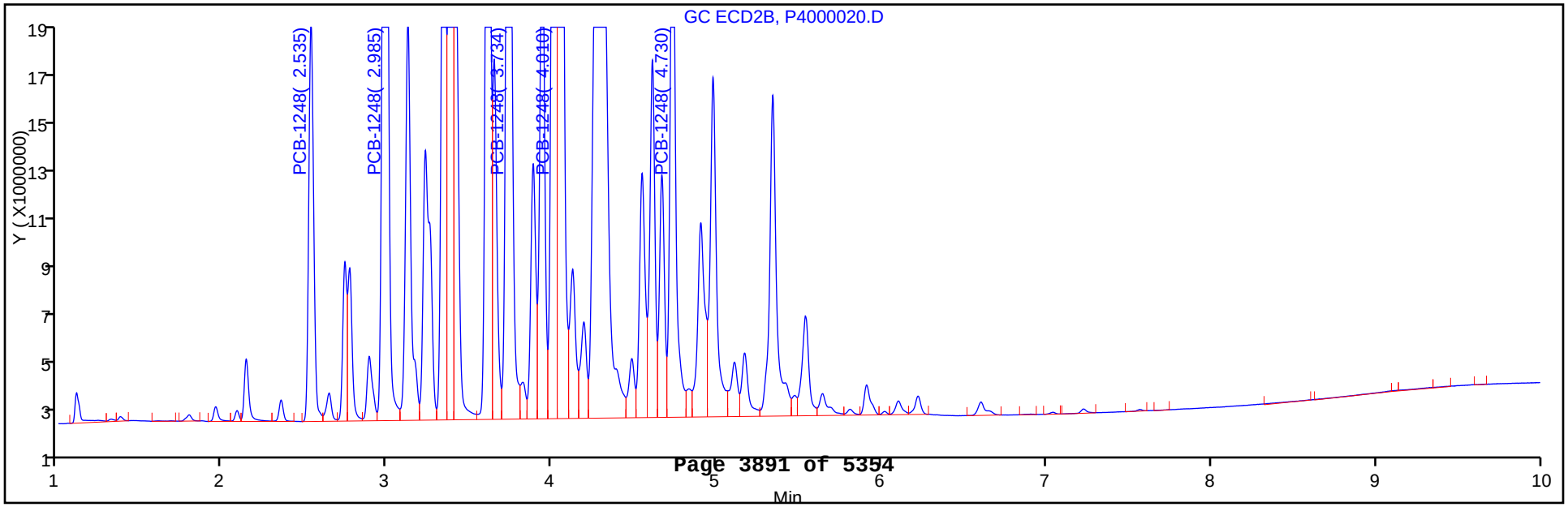
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000020.D

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.: 240-22648-1 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.: 240-22648-1 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.: 240-22648-1 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			

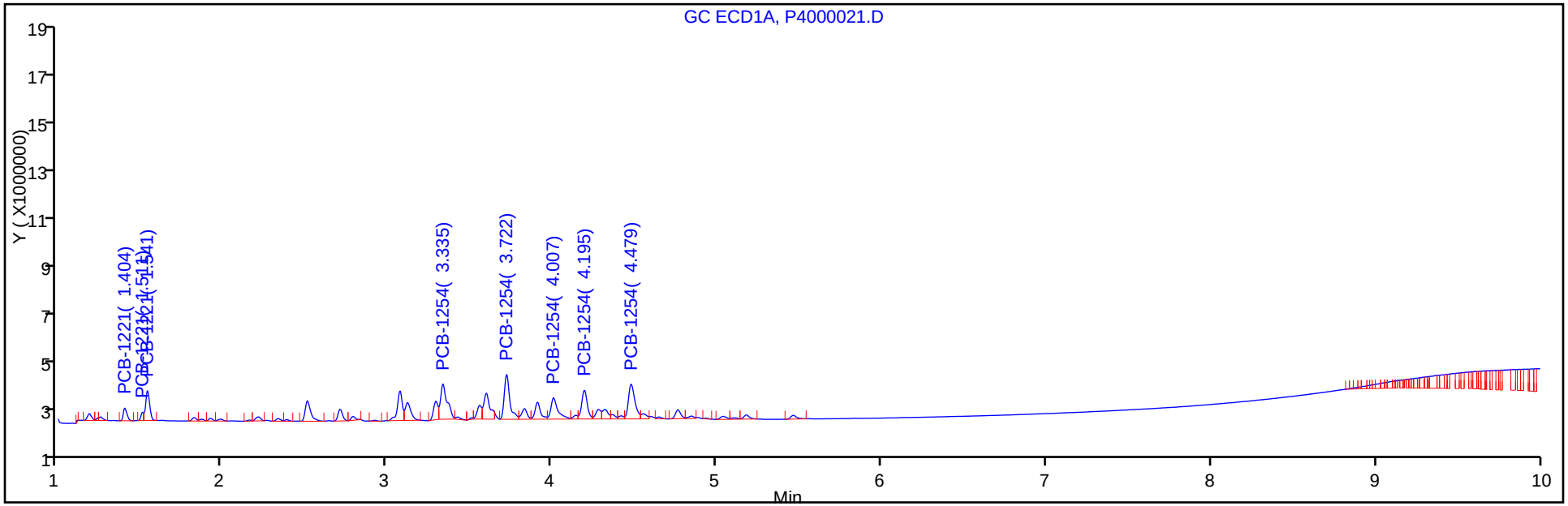
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TestAmerica Canton

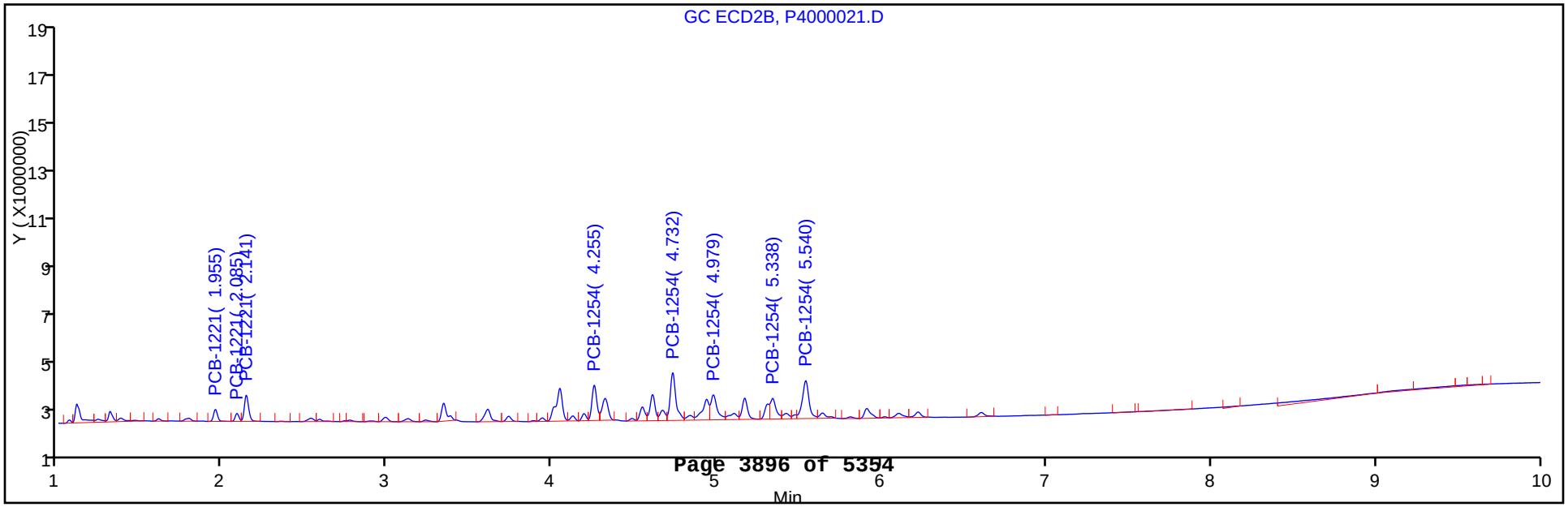
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000021.D

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			

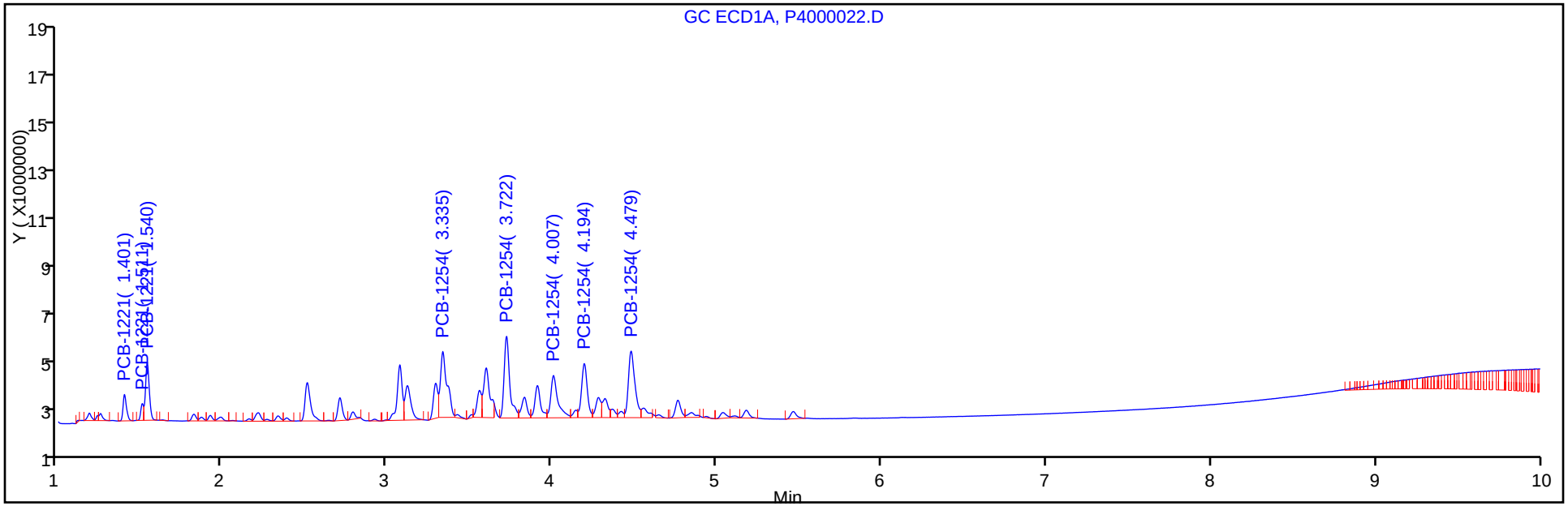
Report Date: 15-Apr-2013 13:05:03 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

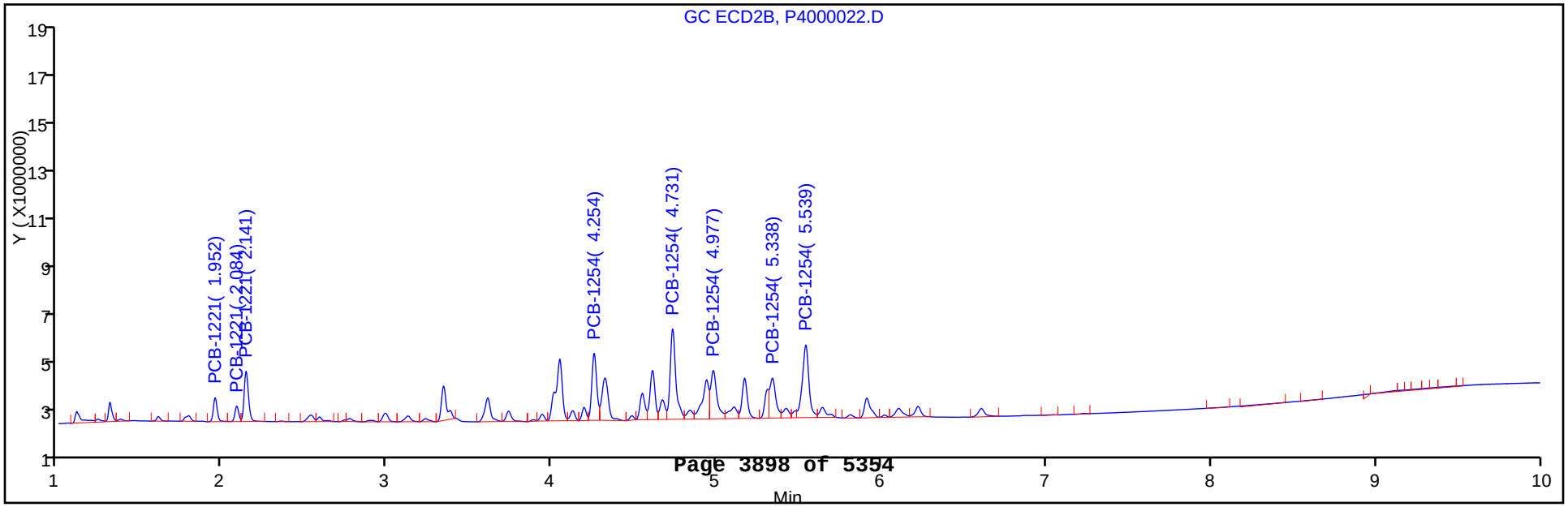
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000022.D

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			

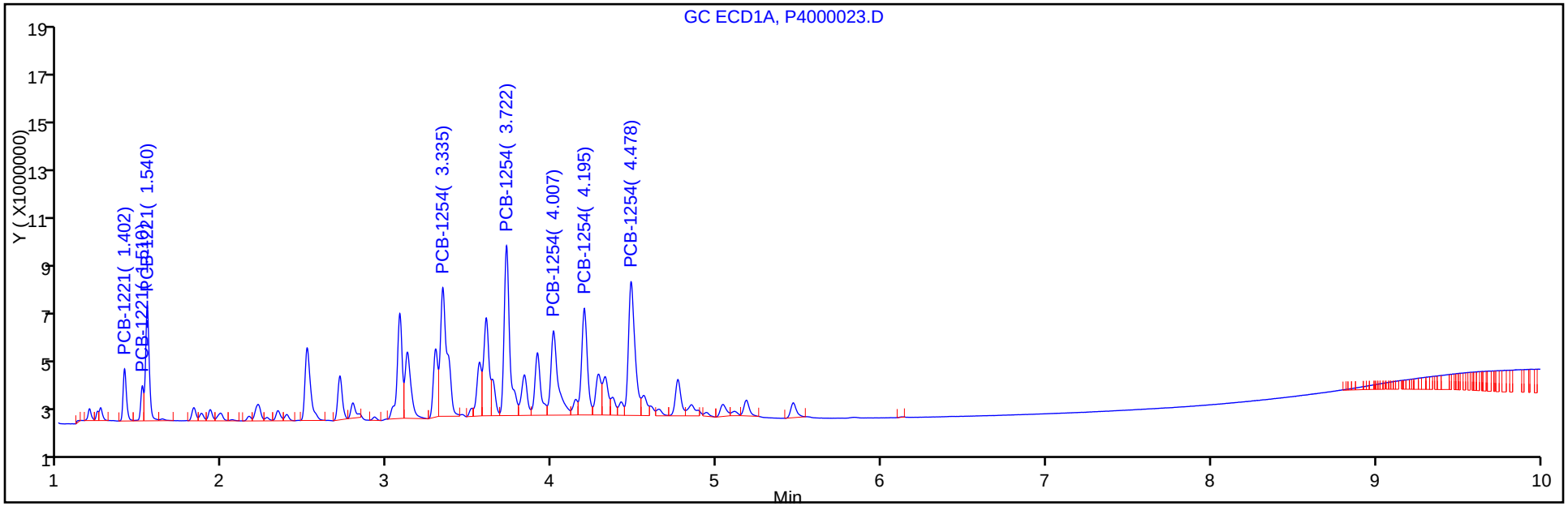
Report Date: 15-Apr-2013 13:05:06 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

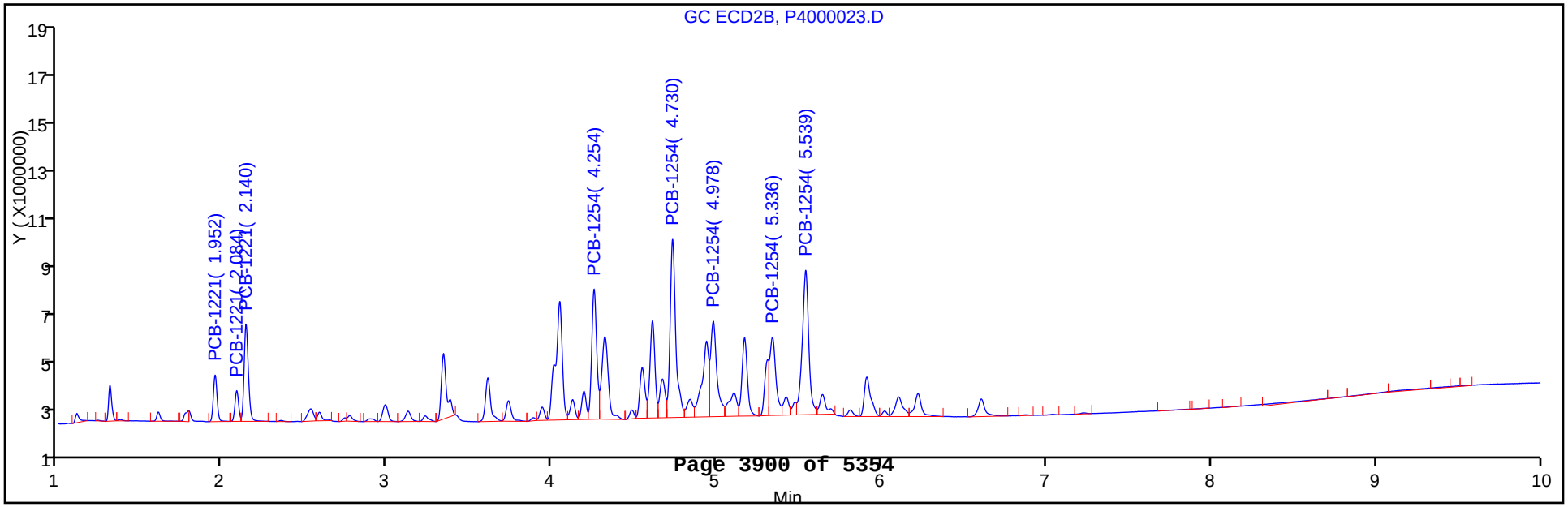
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Injection Date:	15-Apr-2013 04:55:43	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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			

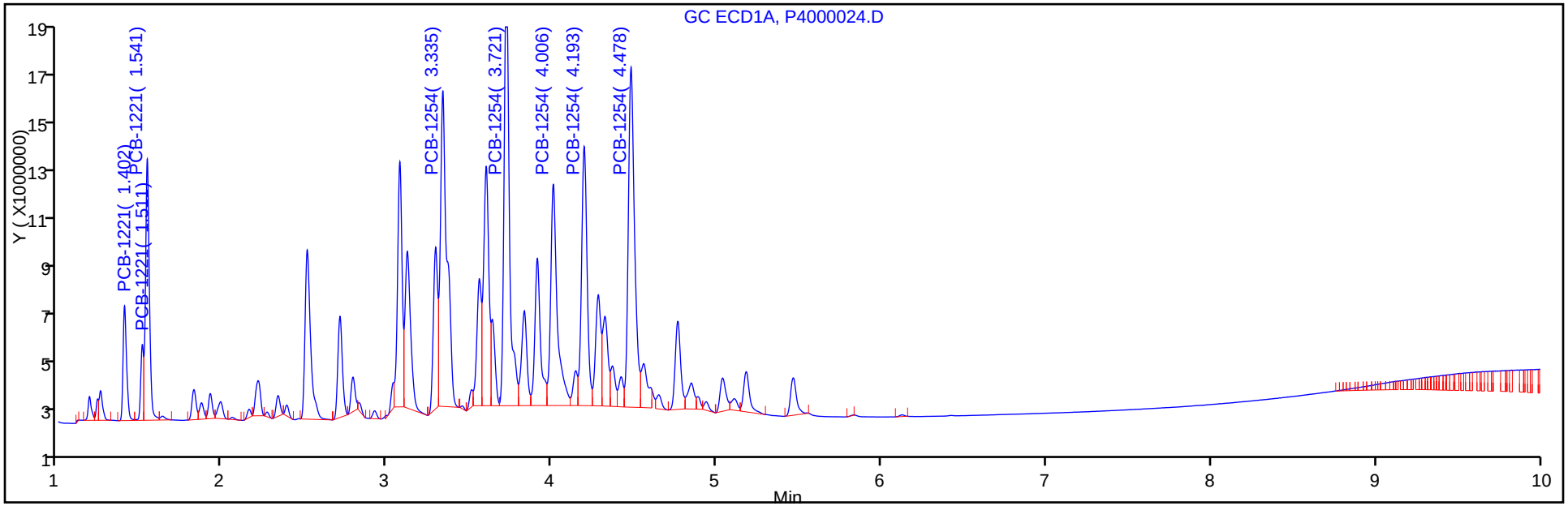
Report Date: 15-Apr-2013 13:05:07 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

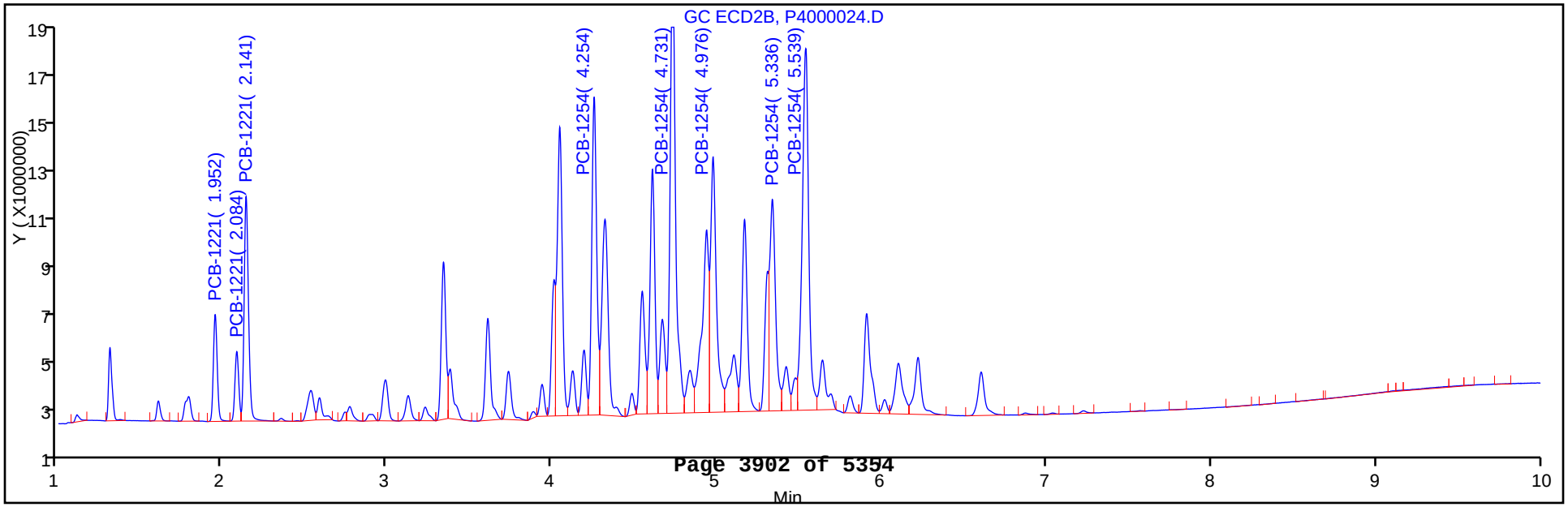
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000024.D

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			

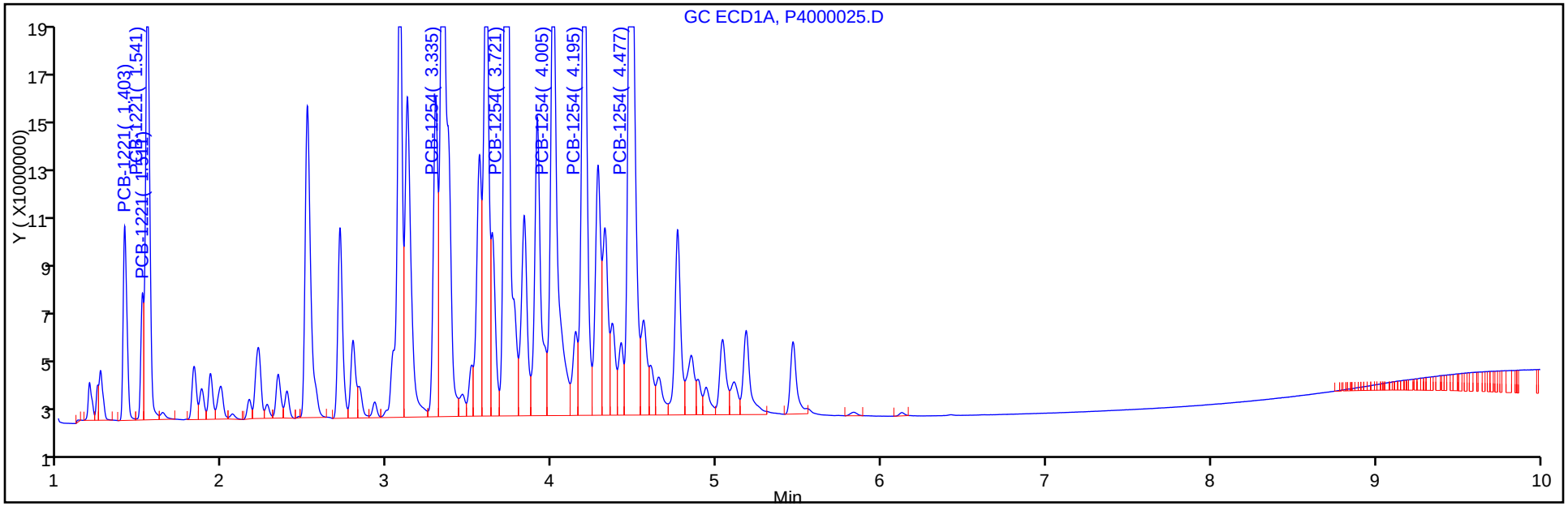
Report Date: 15-Apr-2013 13:05:09 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

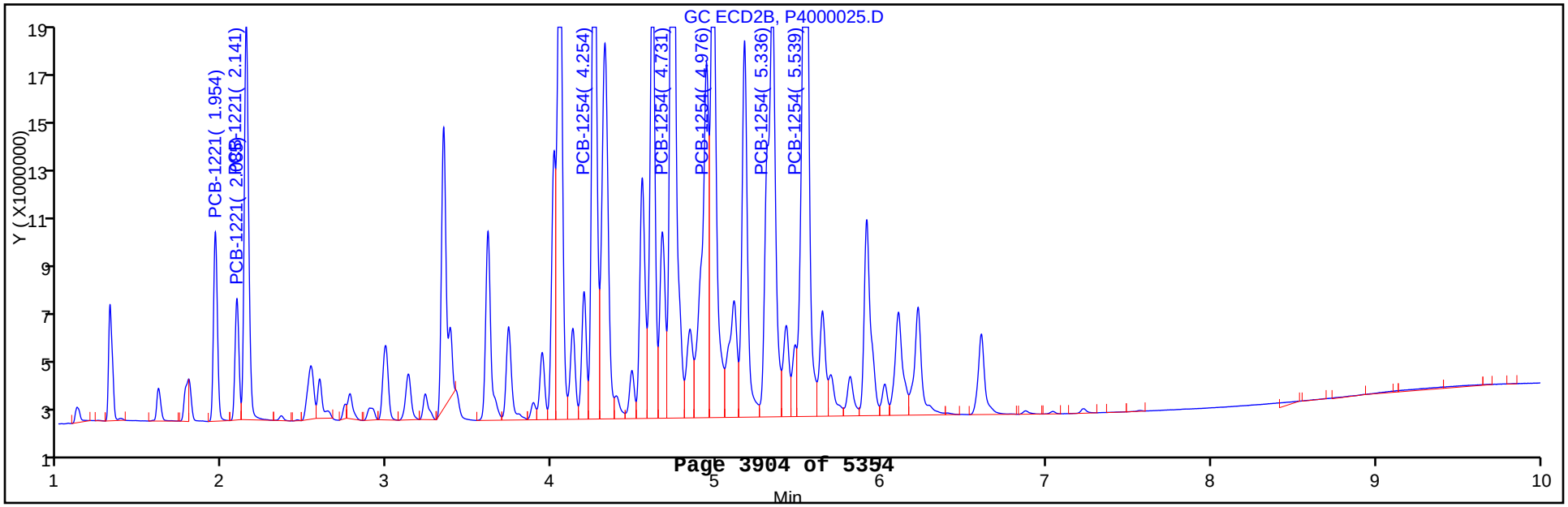
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000025.D

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			

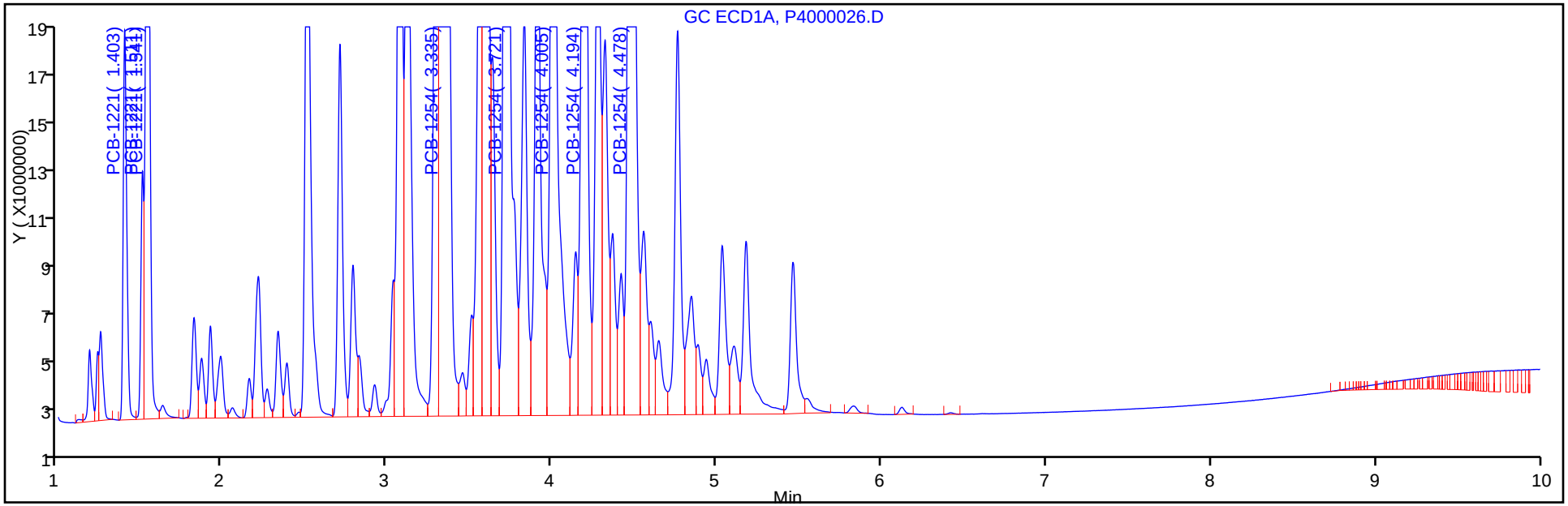
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TestAmerica Canton

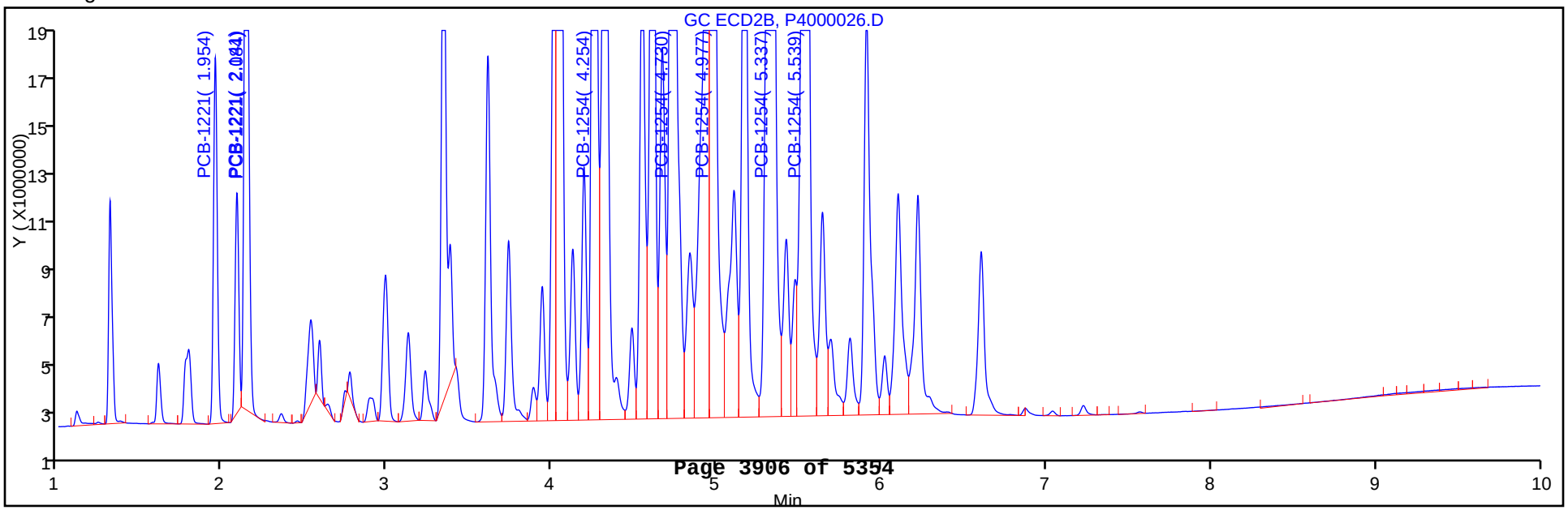
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000026.D

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.: 240-22648-1 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.: 240-22648-1 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.: 240-22648-1 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			

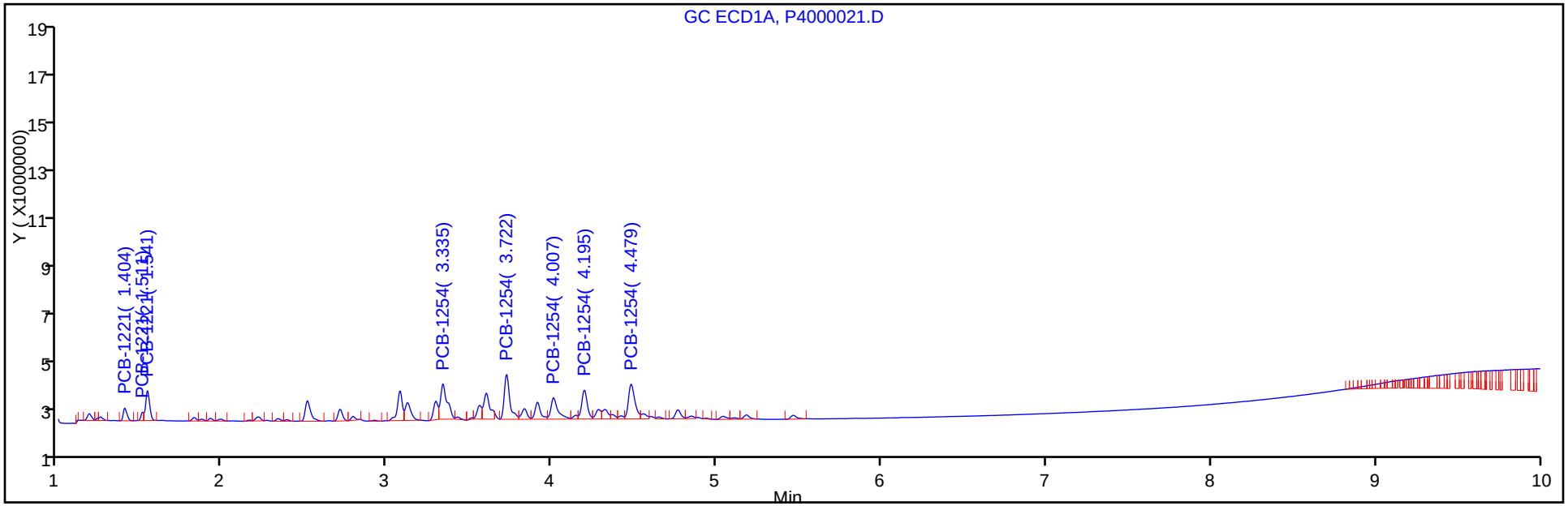
Report Date: 15-Apr-2013 13:05:01 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

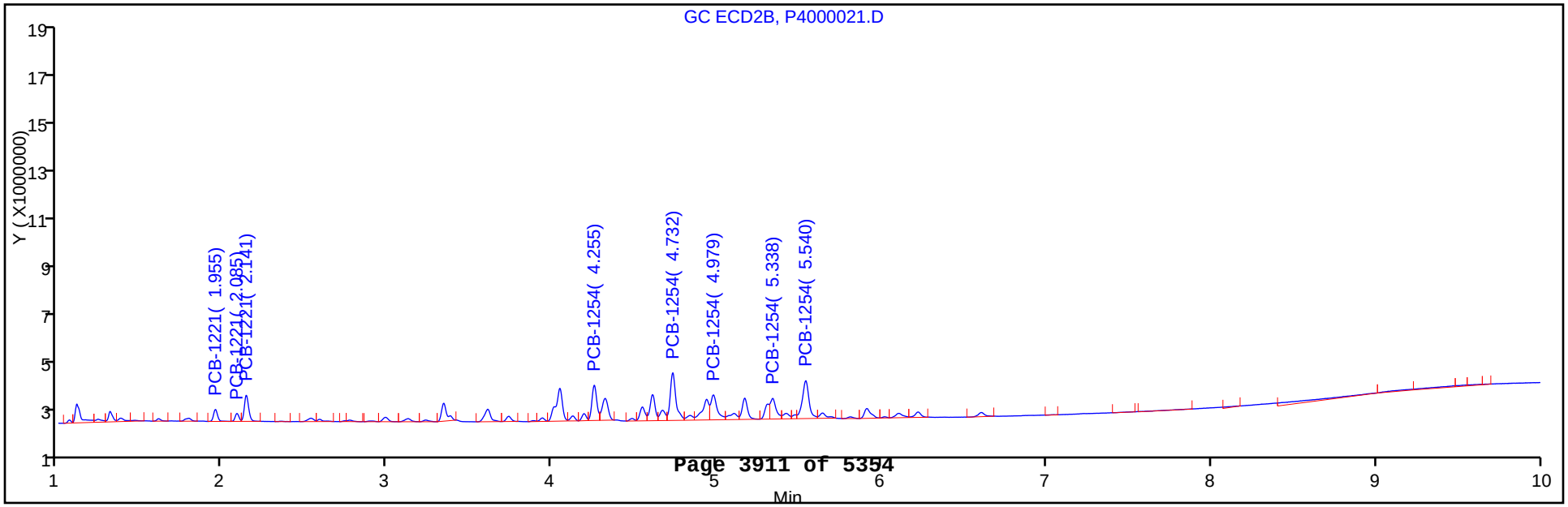
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000021.D

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			

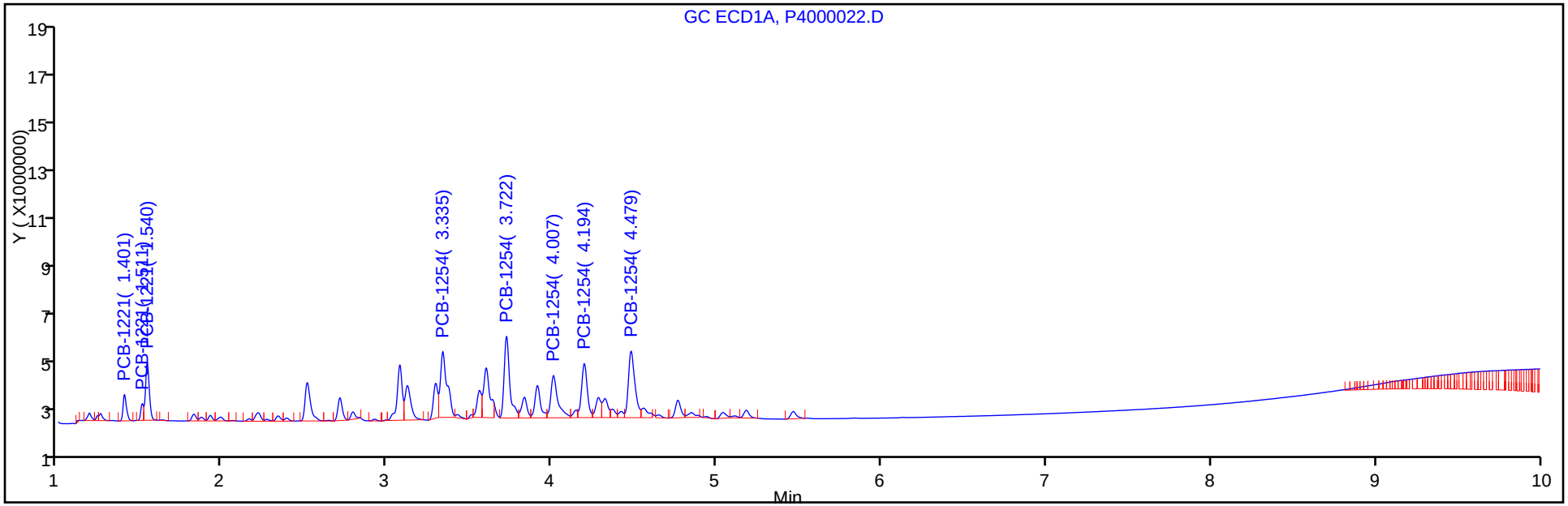
Report Date: 15-Apr-2013 13:05:03 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

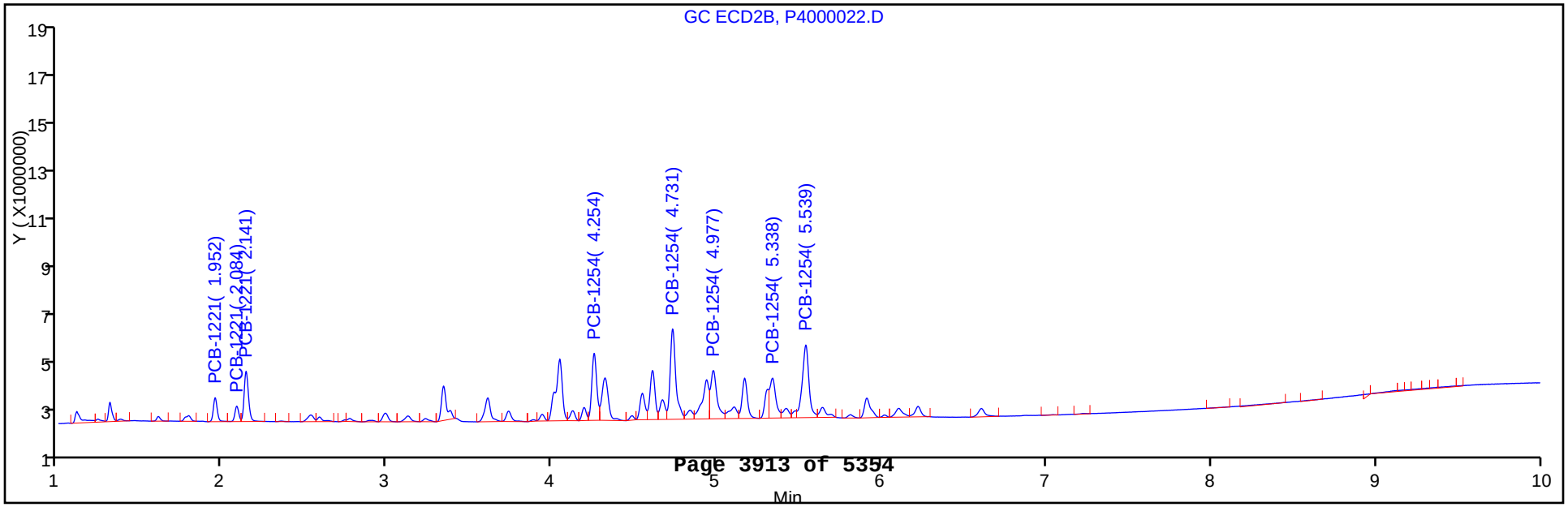
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000022.D

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			

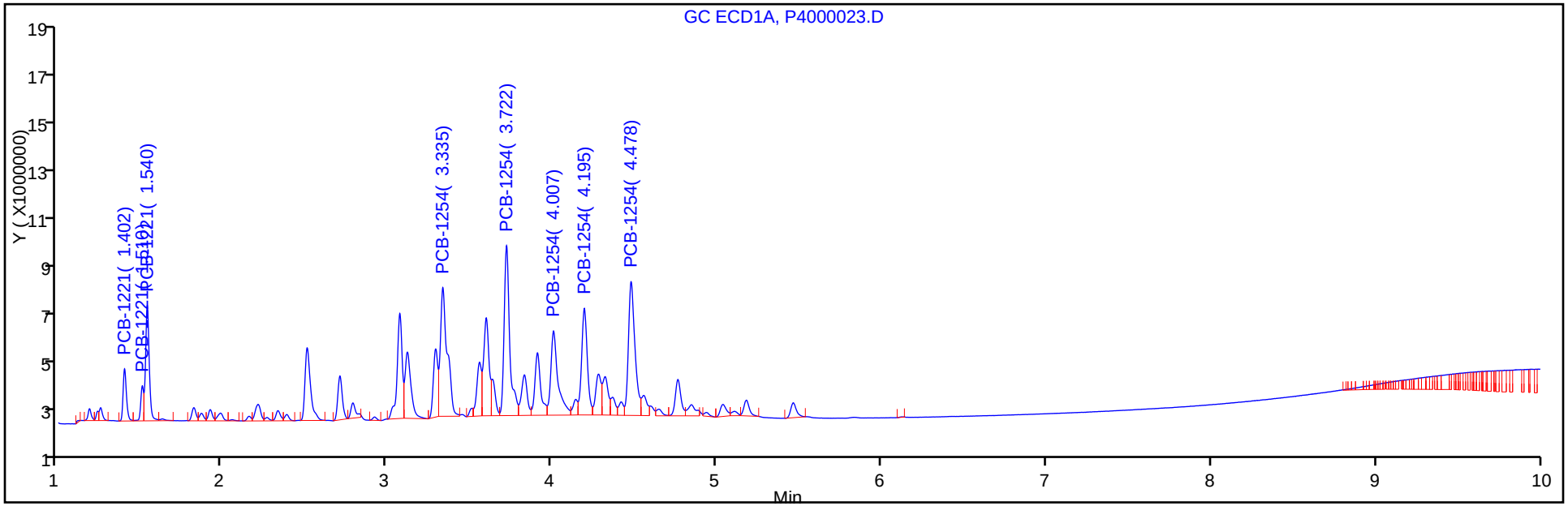
Report Date: 15-Apr-2013 13:05:06 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

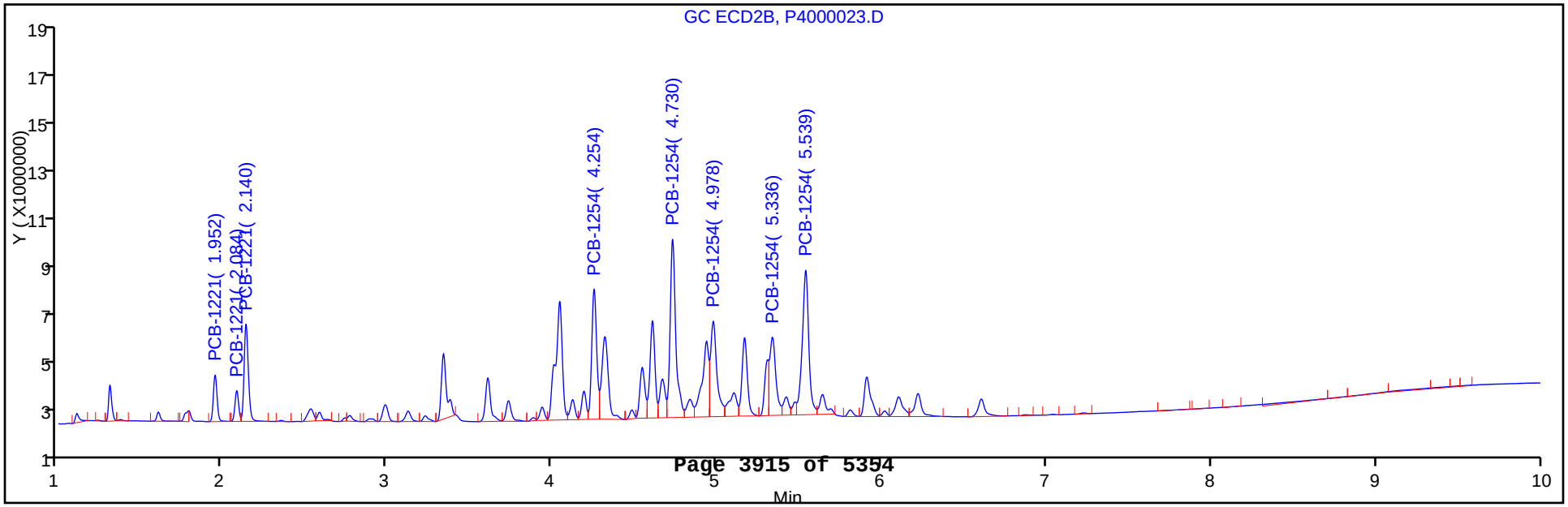
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000023.D

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			

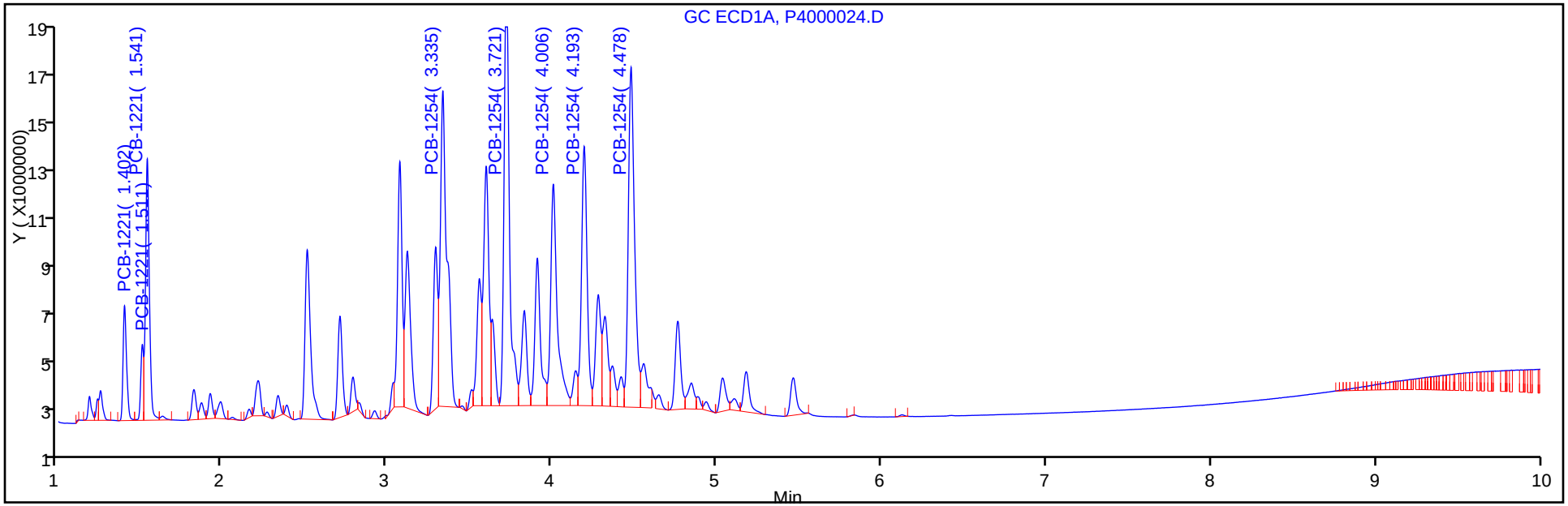
Report Date: 15-Apr-2013 13:05:08 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

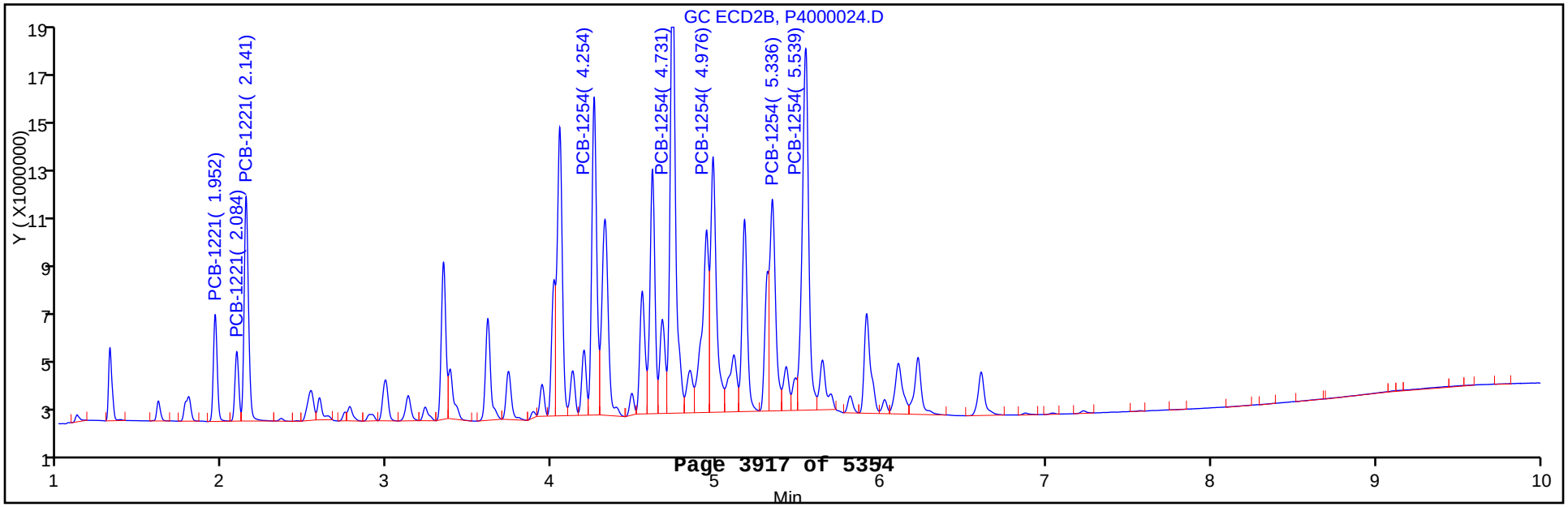
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Injection Date:	15-Apr-2013 05:11:24	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	24
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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			

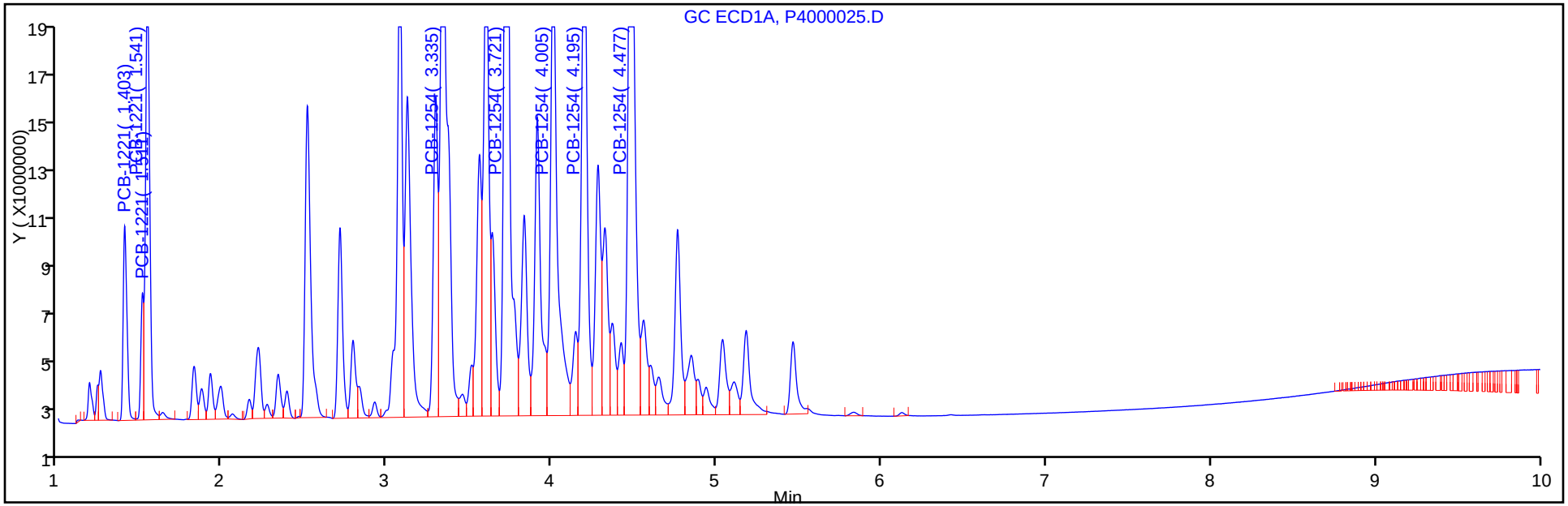
Report Date: 15-Apr-2013 13:05:09 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

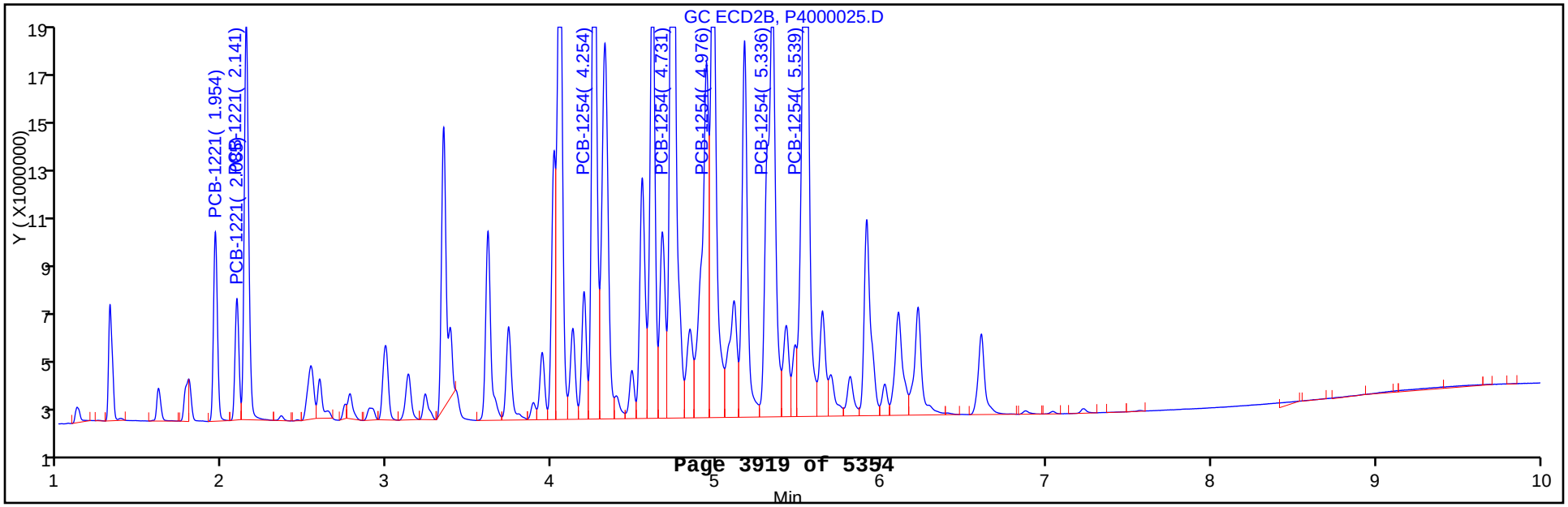
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000025.D

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			

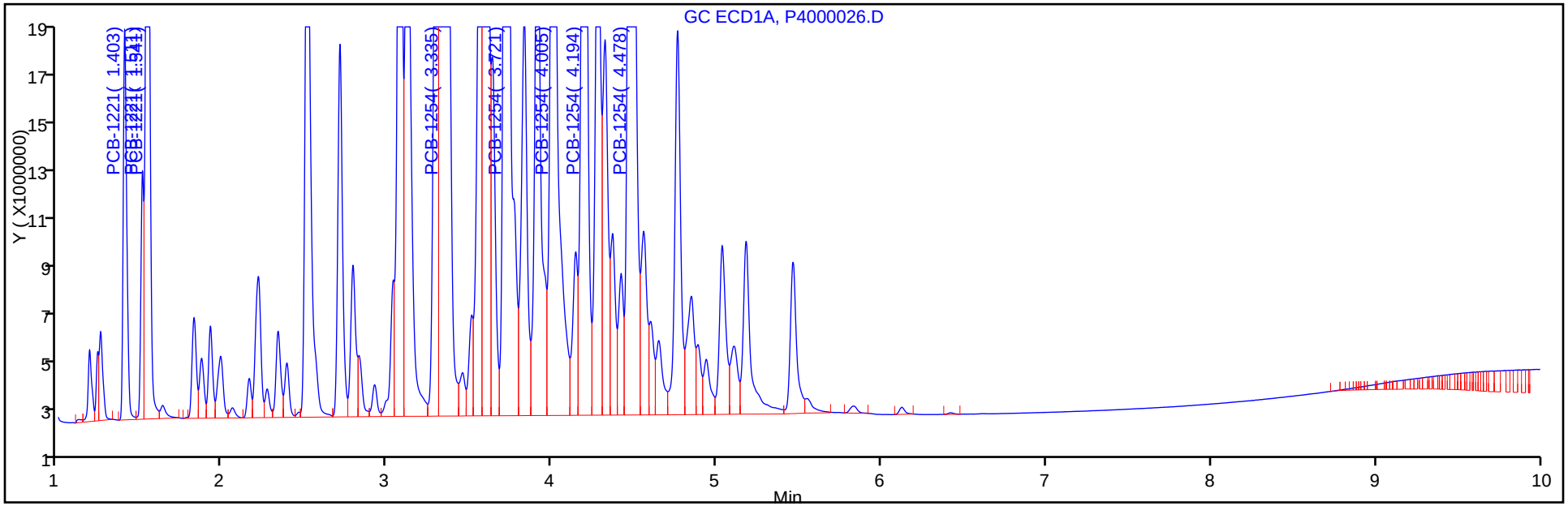
Report Date: 15-Apr-2013 13:05:11 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

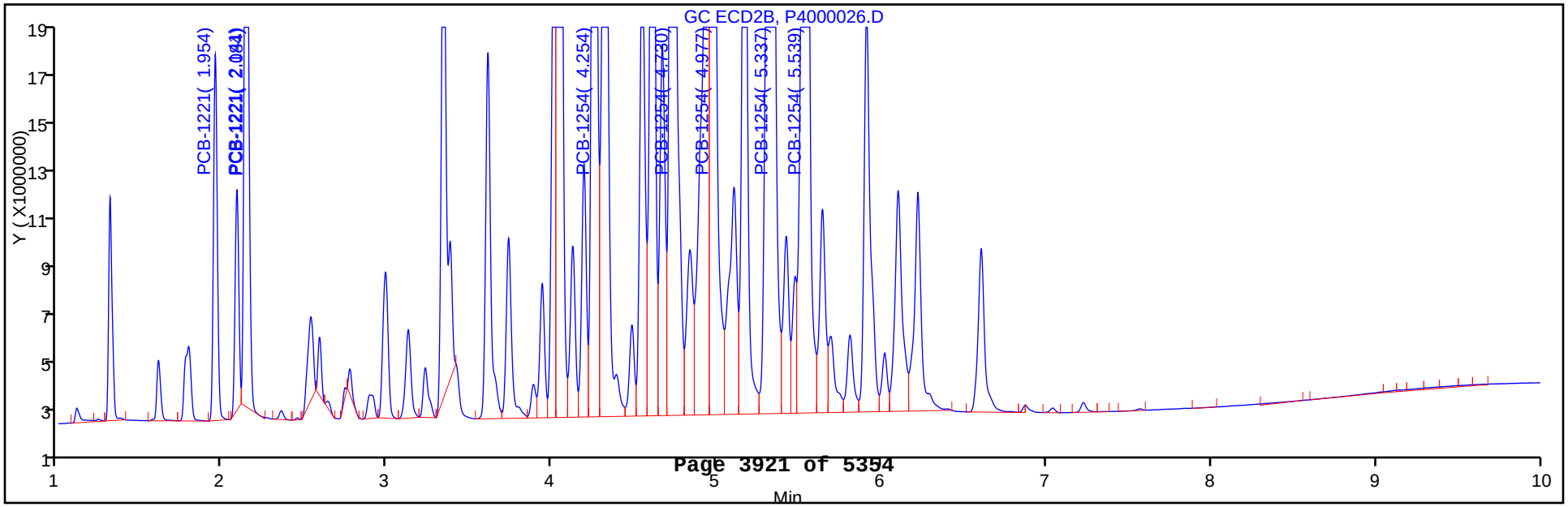
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000026.D

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.: 240-22648-1 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.: 240-22648-1 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.: 240-22648-1 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

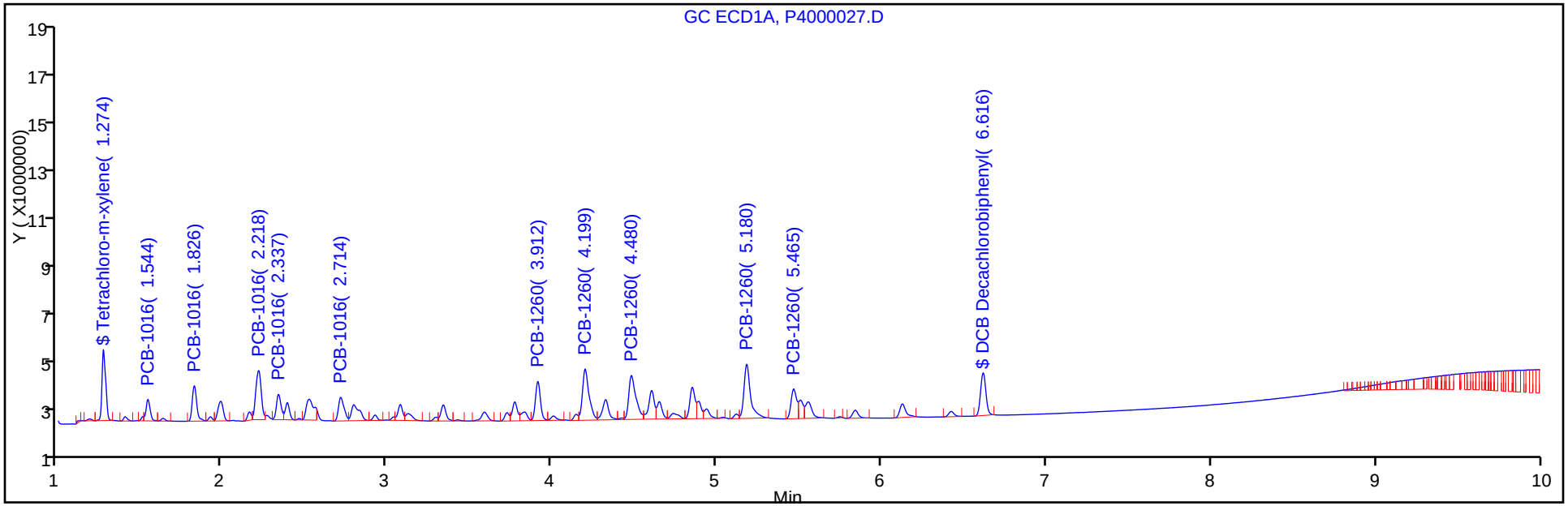
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TestAmerica Canton

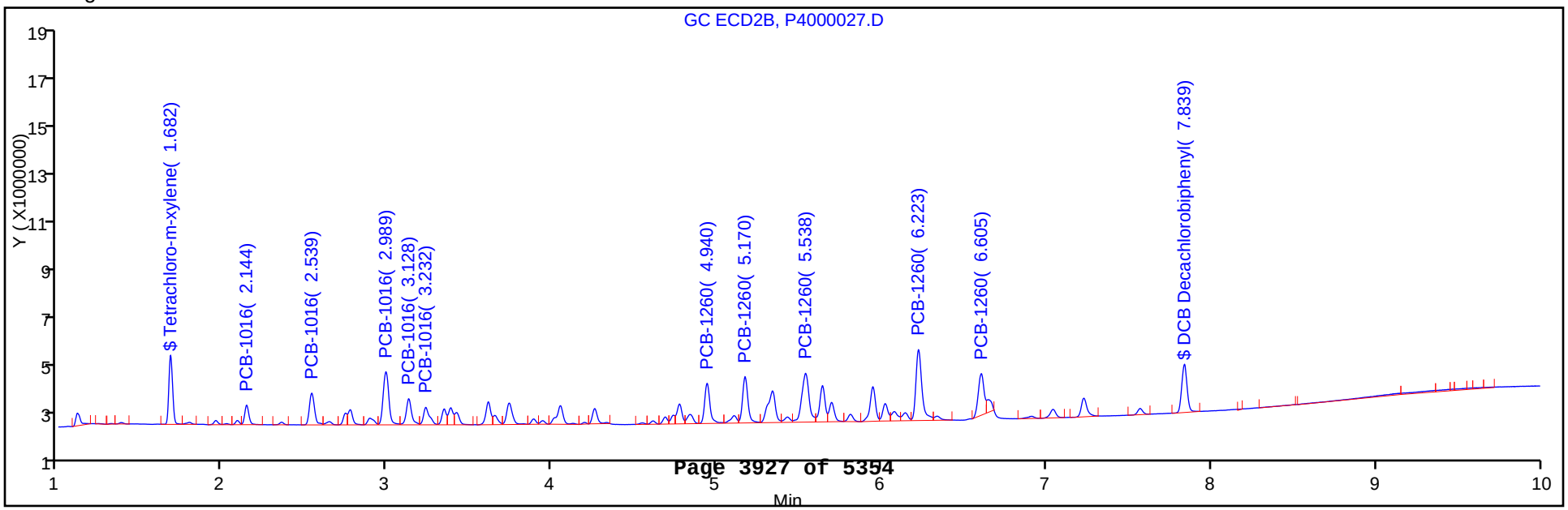
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000027.D

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:	

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			

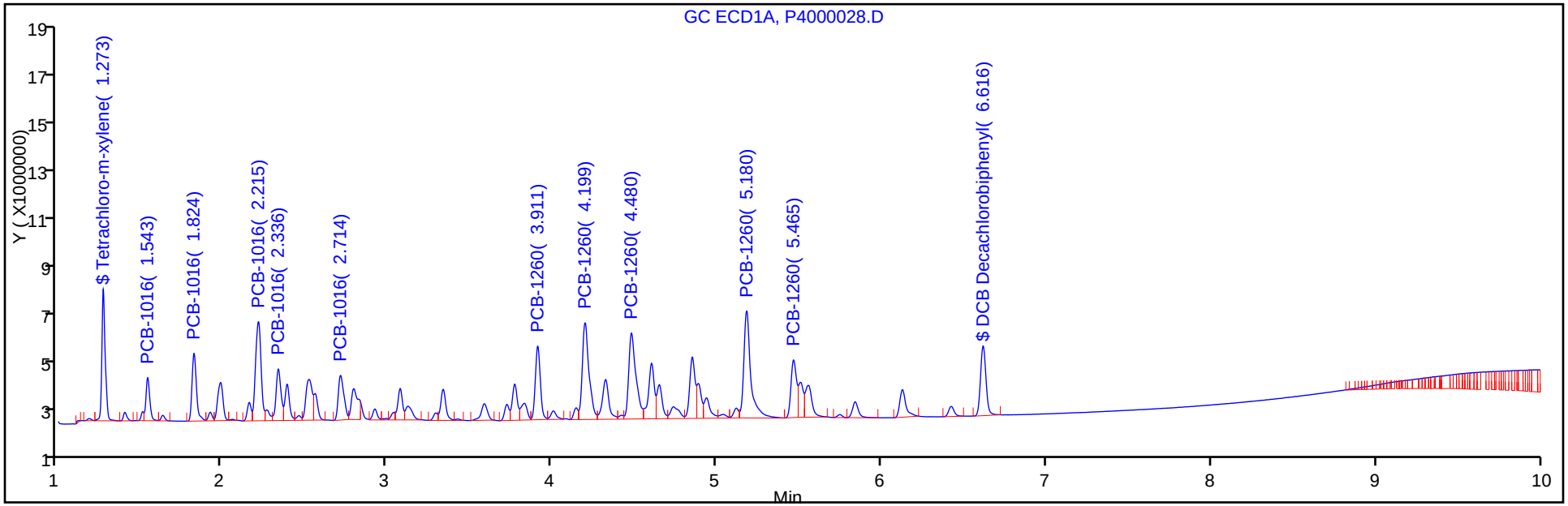
Report Date: 15-Apr-2013 13:05:14 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

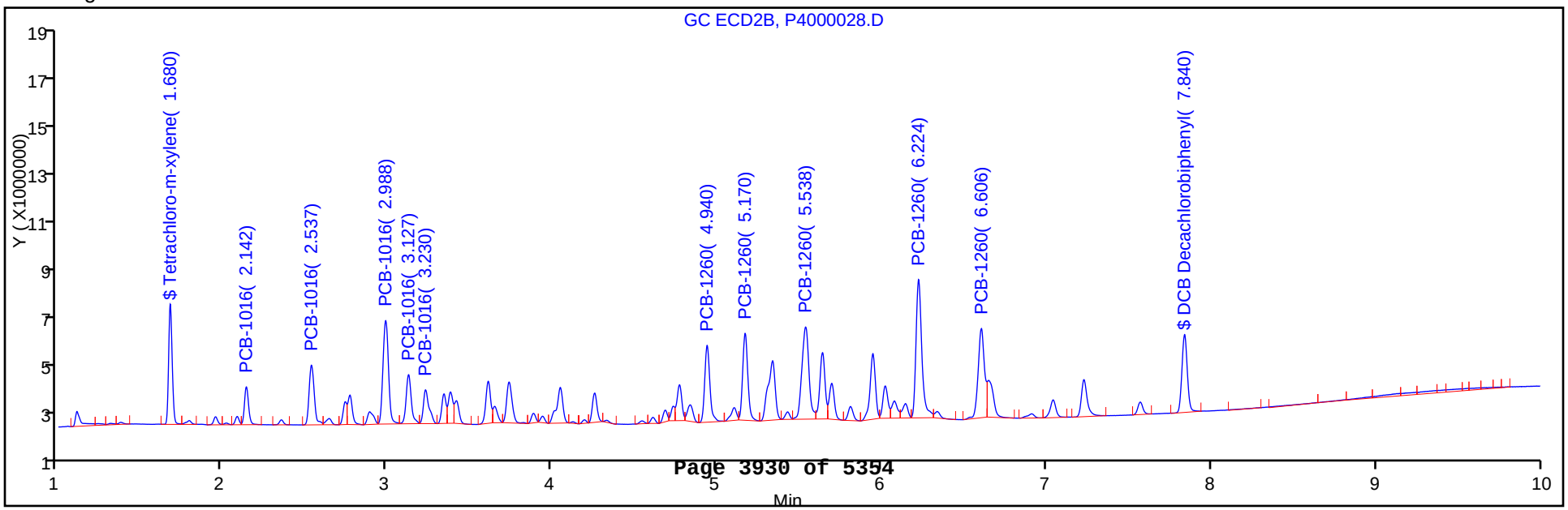
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Injection Date:	15-Apr-2013 06:13:58	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	28
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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			

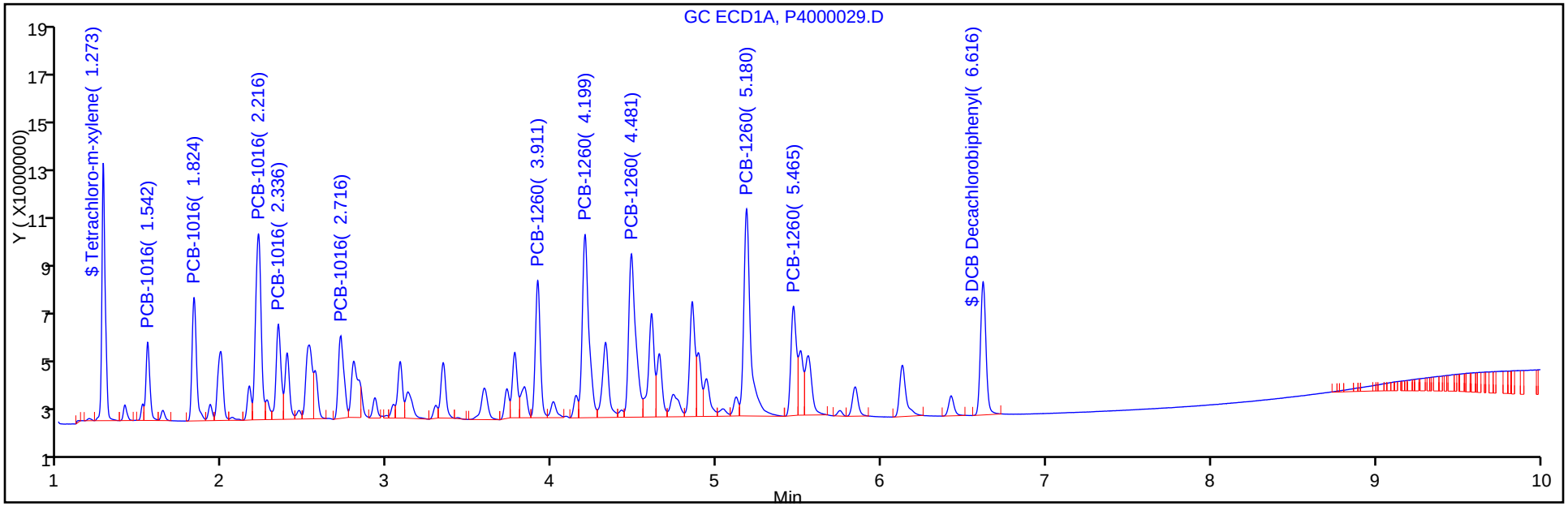
Report Date: 15-Apr-2013 13:05:15 Chrom Revision: 2.0 01-Apr-2013 21:16:10

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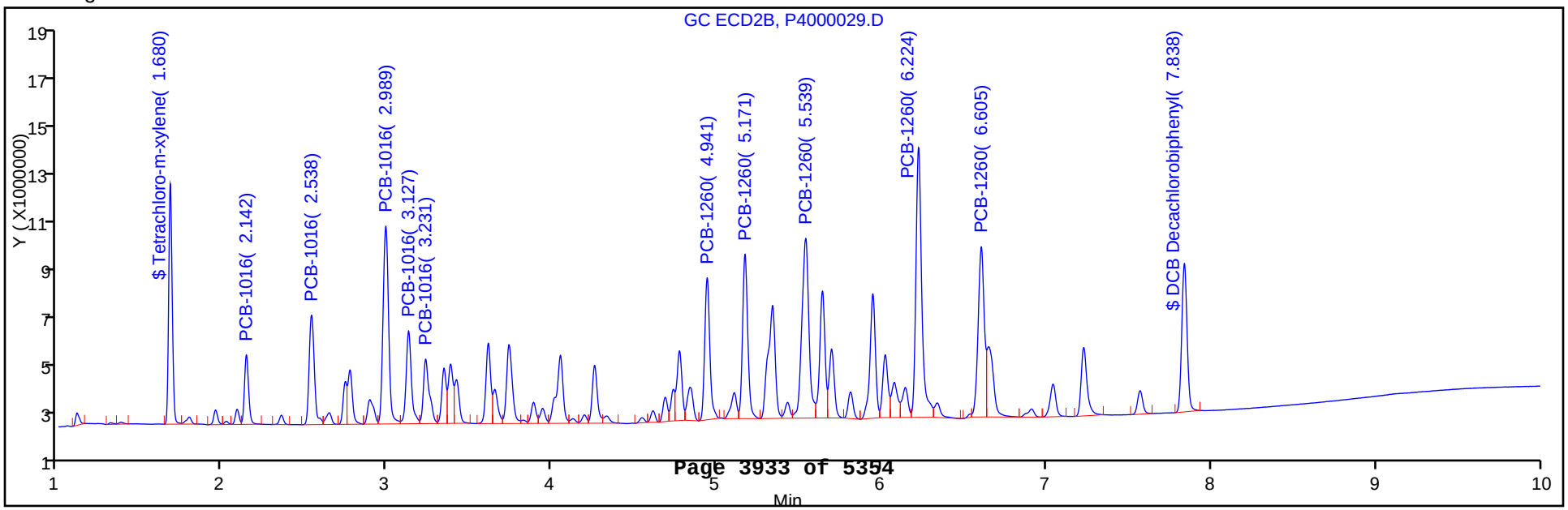
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000029.D

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			

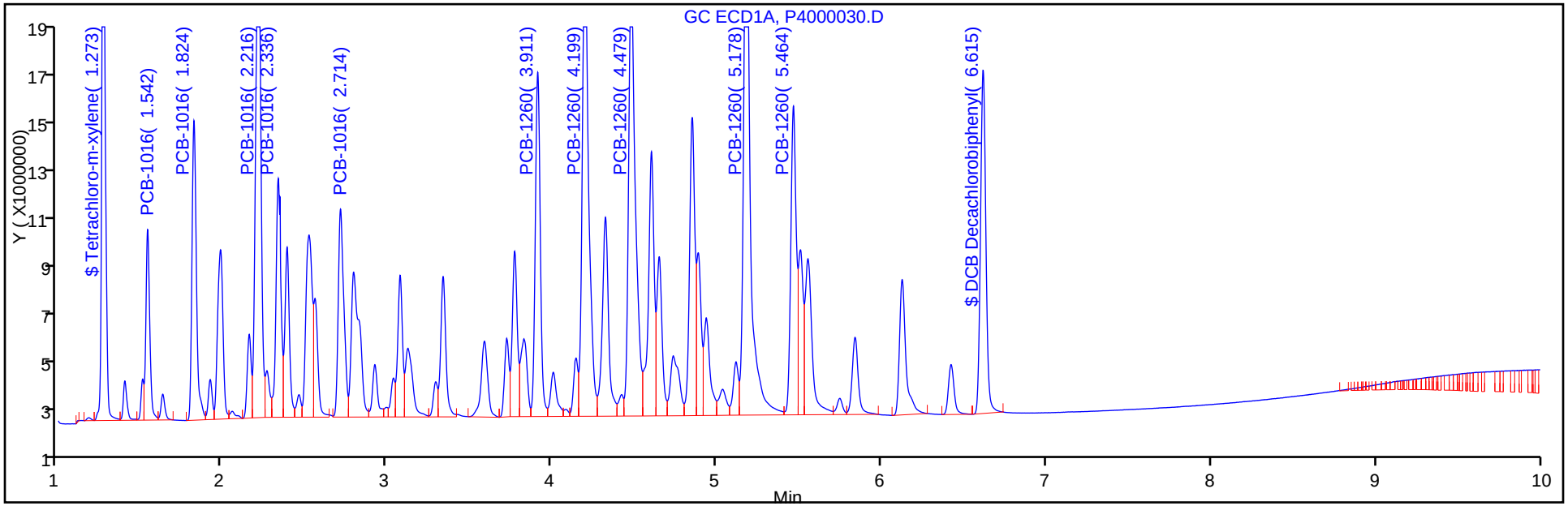
Report Date: 15-Apr-2013 13:05:17 Chrom Revision: 2.0 01-Apr-2013 21:16:10

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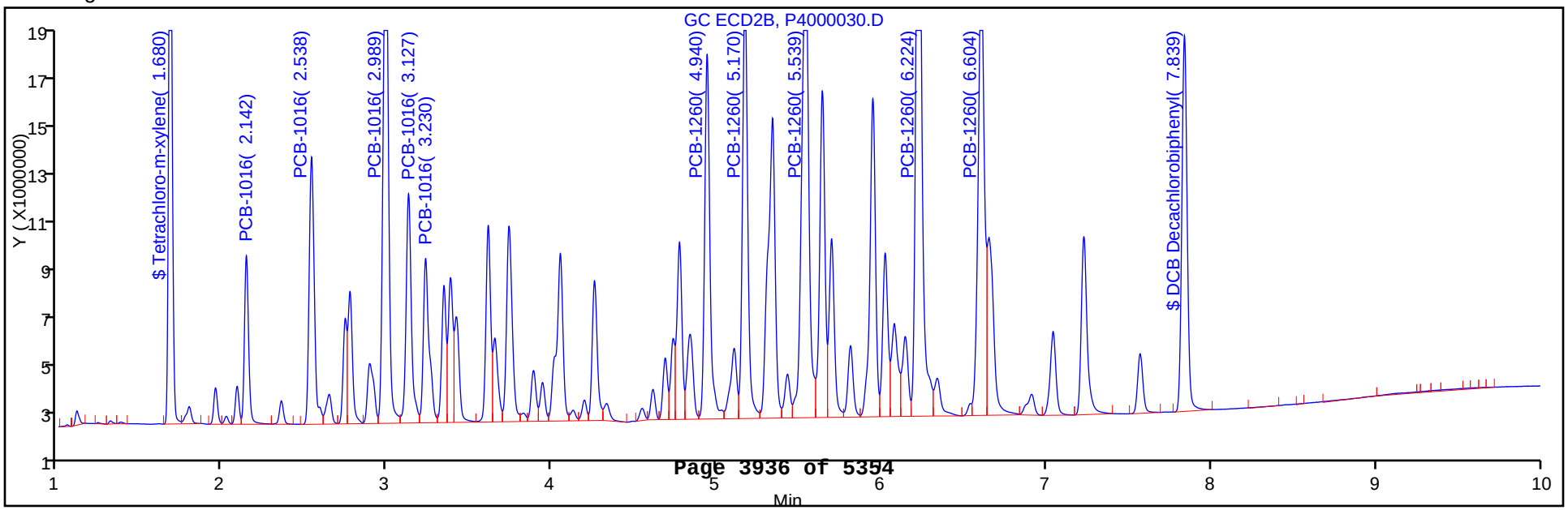
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Injection Date:	15-Apr-2013 06:45:16	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	30
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

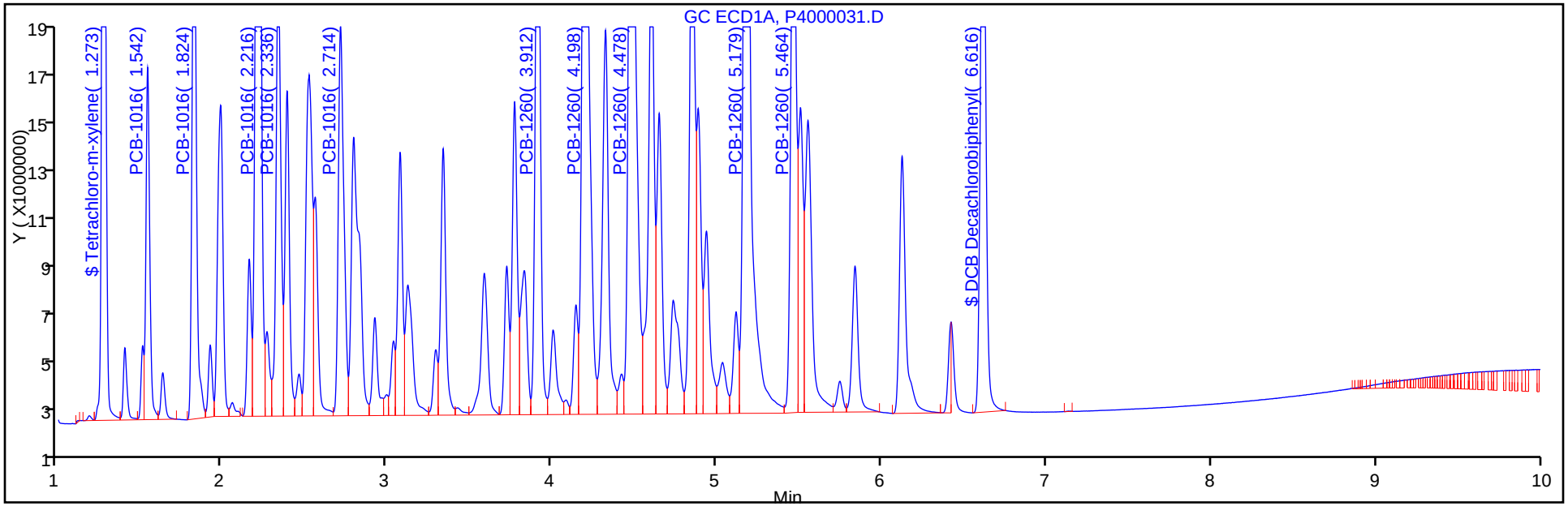
Report Date: 15-Apr-2013 13:05:19 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

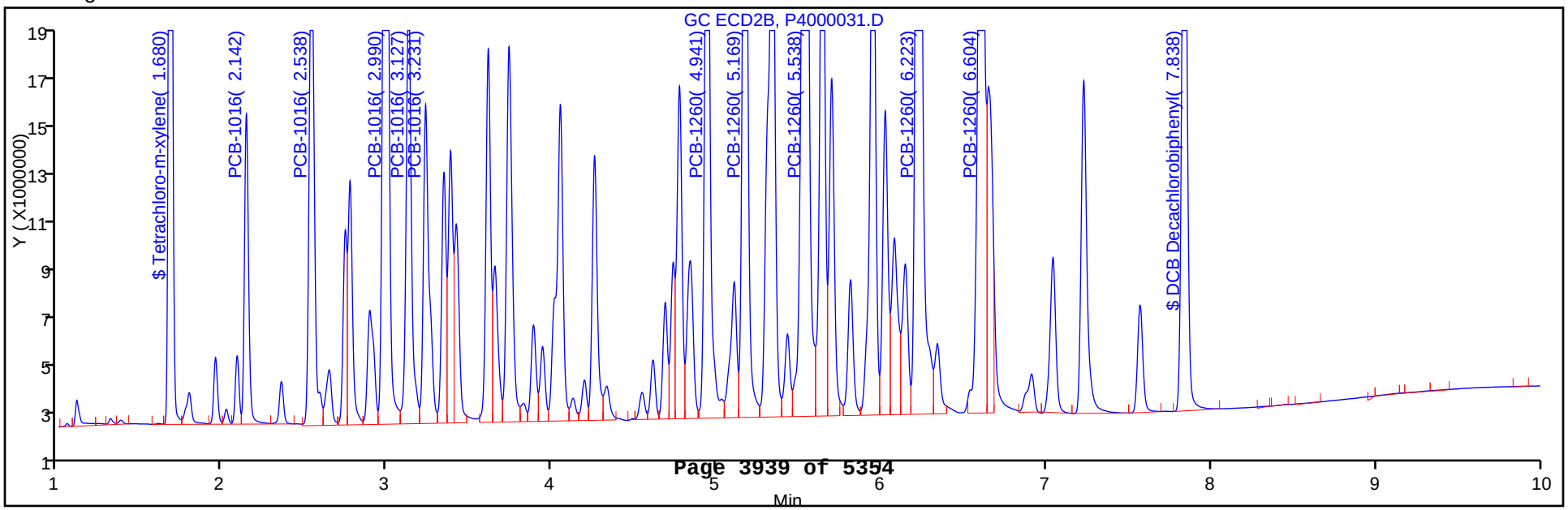
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Injection Date:	15-Apr-2013 07:00:55	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	31
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



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			

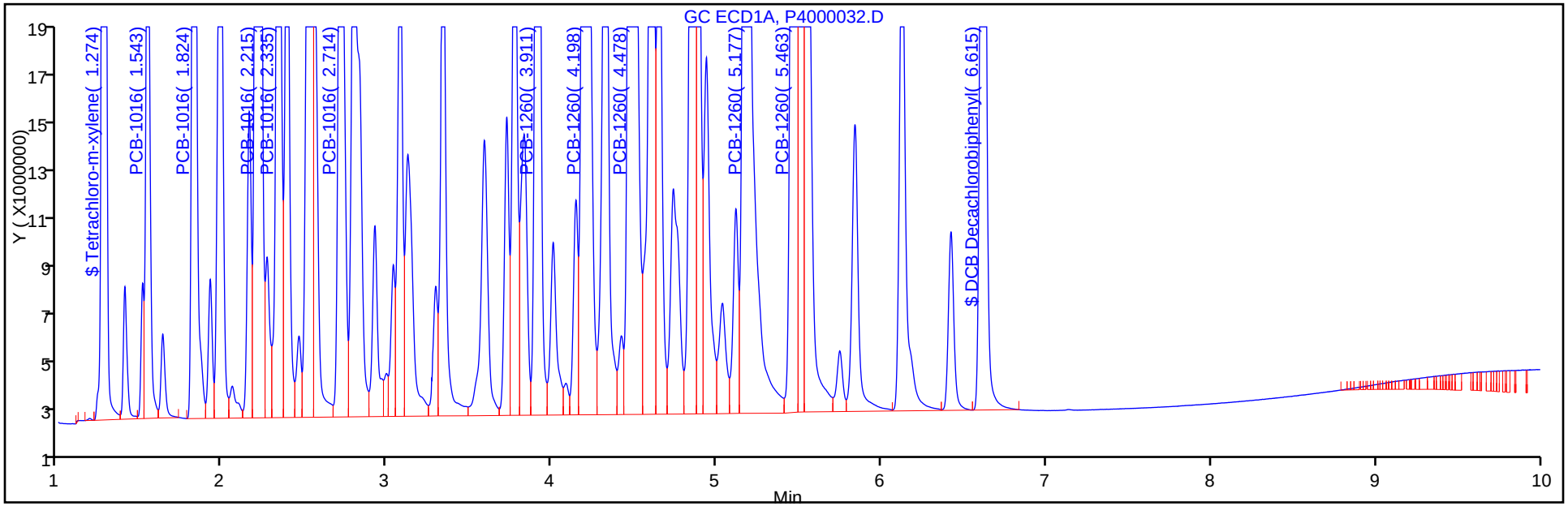
Report Date: 15-Apr-2013 13:05:20 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

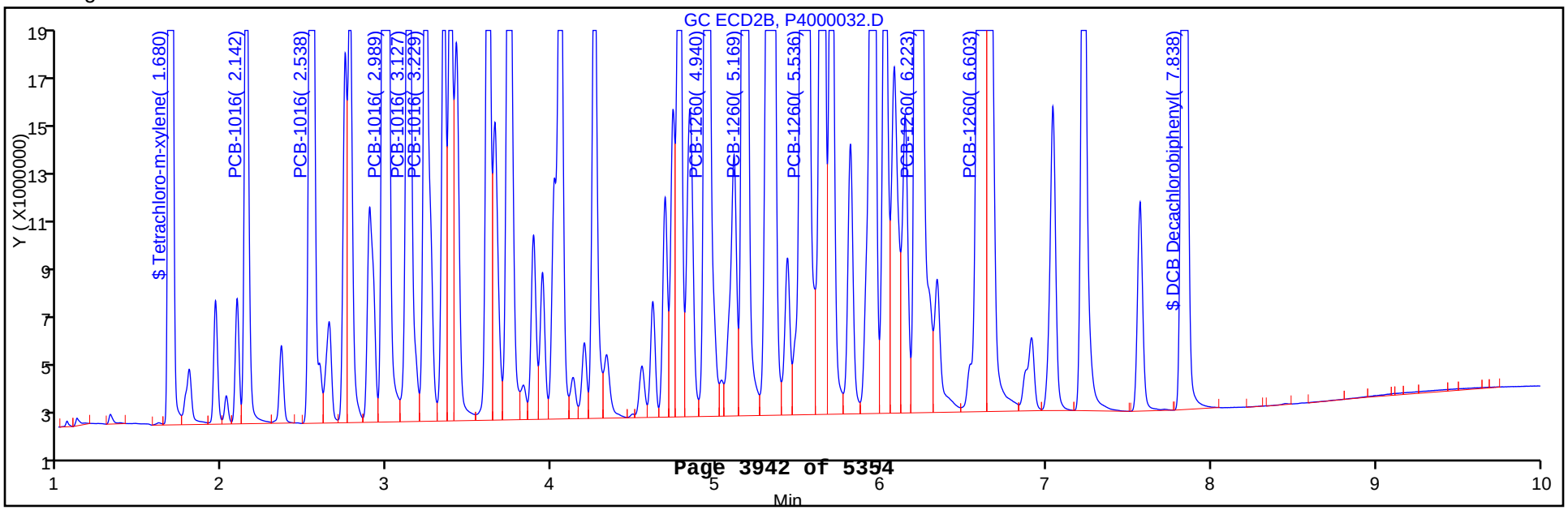
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Injection Date:	15-Apr-2013 07:16:36	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	32
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-22648-1 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.: 240-22648-1 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.: 240-22648-1 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			

Report Date: 15-Apr-2013 13:05:12 Chrom Revision: 2.0 01-Apr-2013 21:16:10
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000027.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									M
1	100	3.912	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

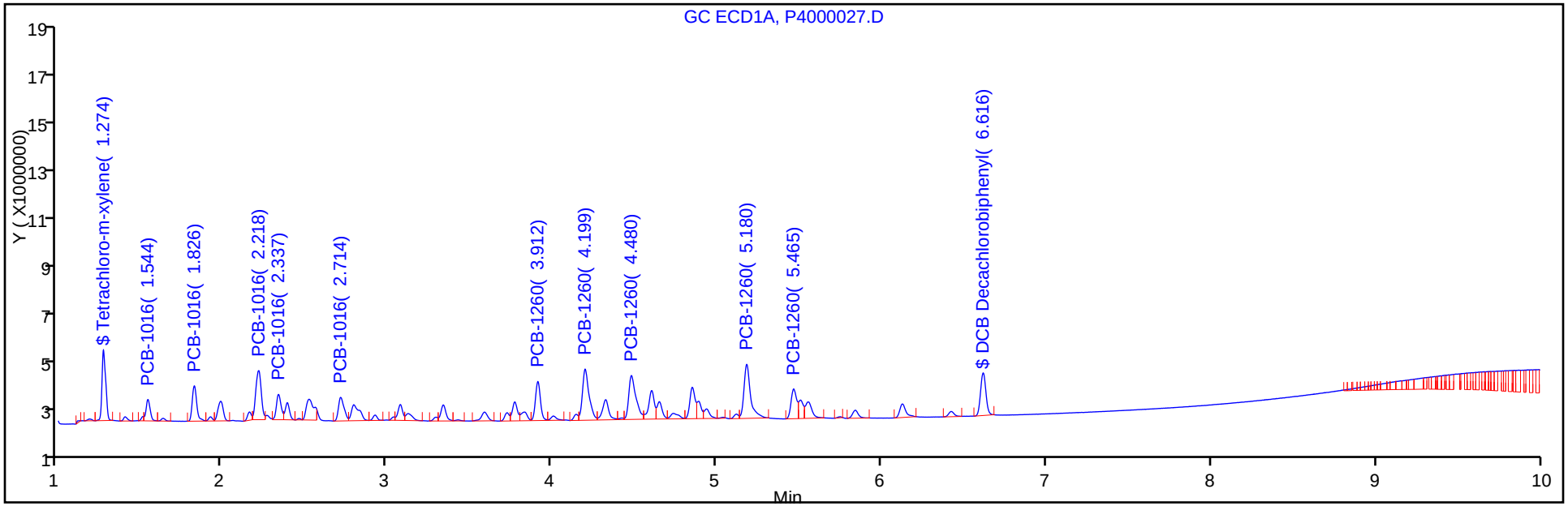
Report Date: 15-Apr-2013 13:05:12 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

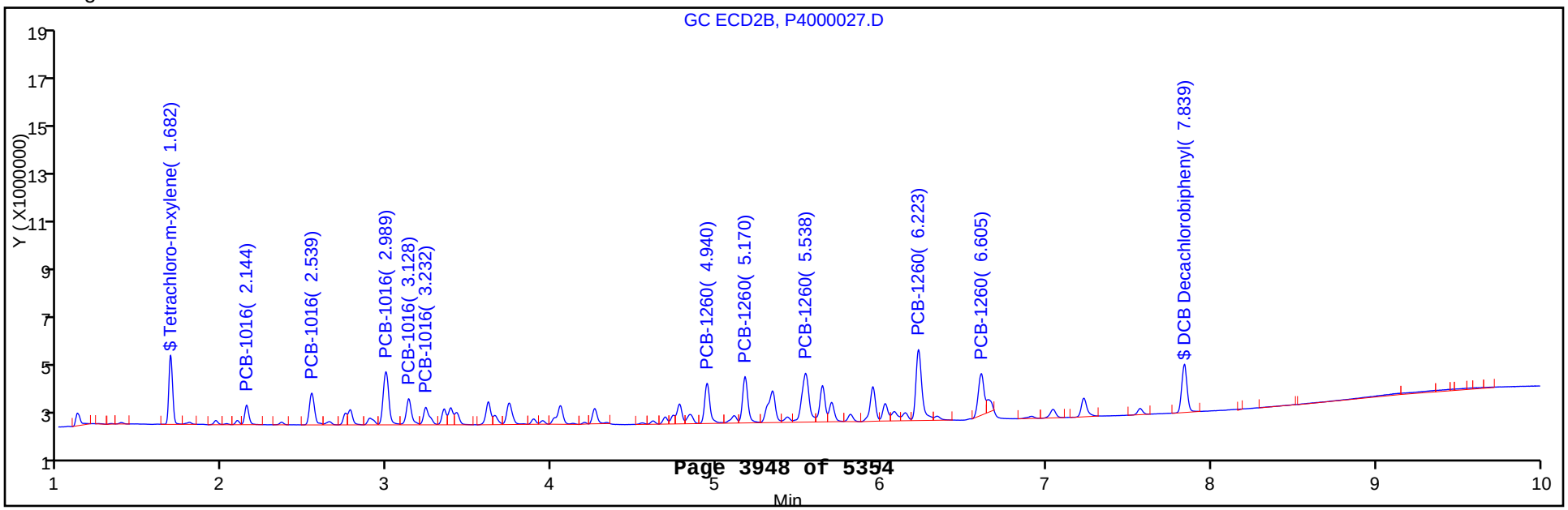
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Injection Date:	15-Apr-2013 05:58:18	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	27
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



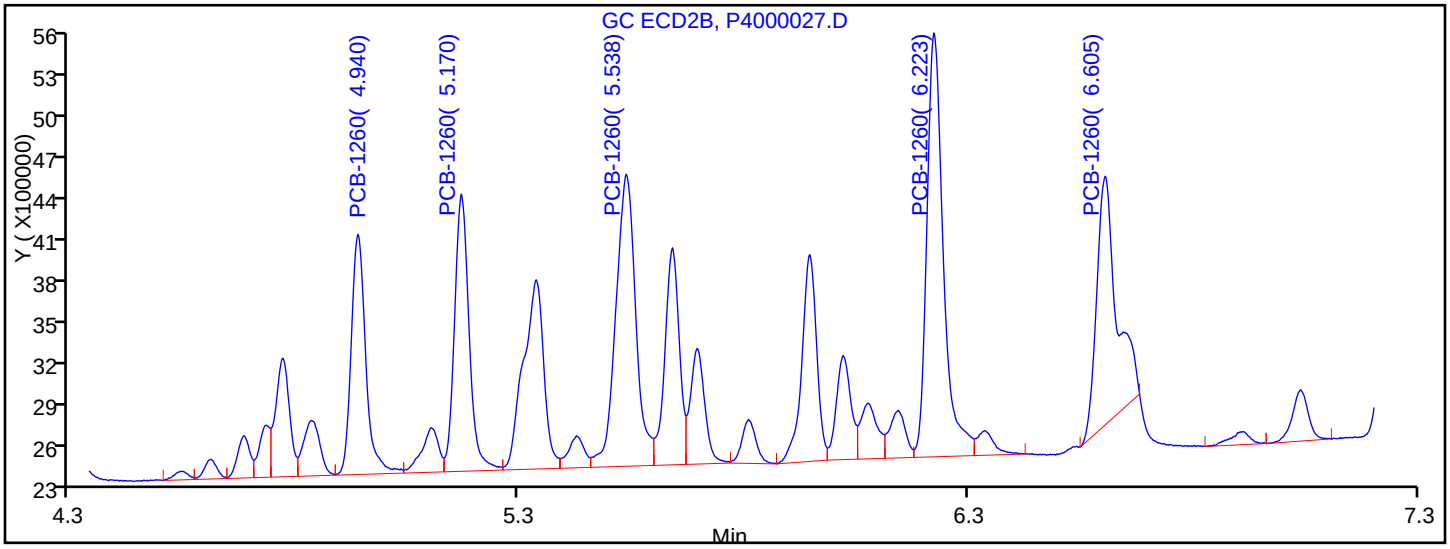
Report Date: 15-Apr-2013 13:05:12 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000027.D

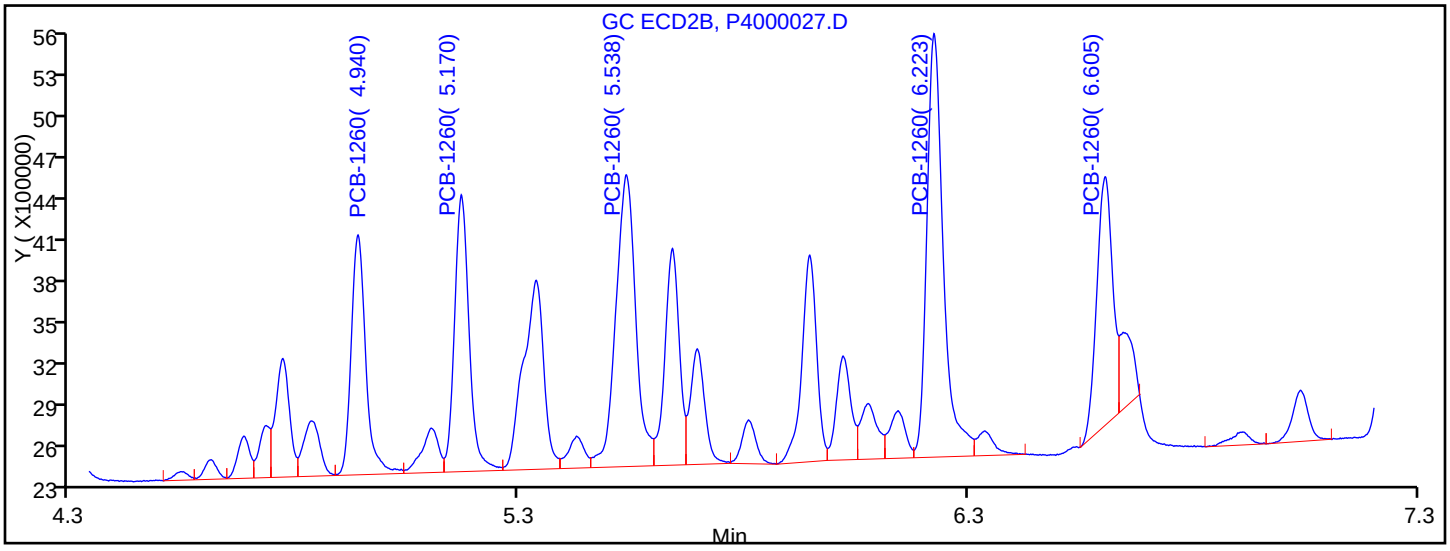
Injection Date:	15-Apr-2013 05:58:18	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	27
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

10 PCB-1260, Detector: 2, GC ecd2b



Processing Integration Results

RT = 4.940	Response = 3842911	
RT = 5.170	Response = 4442967	
RT = 5.538	Response = 6422240	
RT = 6.223	Response = 7691959	
RT = 6.605	Response = 5419116	M



Manual Integration Results

RT = 4.940	Response = 3842911	
RT = 5.170	Response = 4442967	
RT = 5.538	Response = 6422240	
RT = 6.223	Response = 7691959	
RT = 6.605	Response = 4330449	M

Reviewer: hassl, 15-Apr-2013 07:54:26

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000028.D		
Lims ID:	STD01 1660	Client ID:	
Inject. Date:	15-Apr-2013 06:13:58	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0018824-028		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 ul	ALS Bottle#:	28
Lims Batch ID:	81761	Lims Sample ID:	28
Sublist:	chrom-PCB4*sub5		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\PCB4.m		
Last Update:	15-Apr-2013 13:05:13	Calib Date:	15-Apr-2013 10:24:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK026		

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.273	1.273	0.000	7917499	0.005000			
2	2	1.680	1.680	0.000	7708908	0.004886			
						RPD = 2.30			
6 PCB-1016									
1	100	1.543	1.542	0.001	2983667	0.1099		100.0	
1	2	1.824	1.824	0.000	5433503	0.1110	156.0- 206.0	182.1	
1	3	2.215	2.216	-0.001	9945659	0.1064	312.4- 362.4	333.3	
1	4	2.336	2.336	0.000	4595862	0.1095	118.7- 188.7	154.0	
1	5	2.714	2.714	0.000	4525845	0.1067	125.6- 175.6	151.7	
			Average of Peak Amounts =			0.1087			
2	6	2.142	2.142	0.000	2815274	0.1098		100.0	
2	7	2.537	2.538	-0.001	5568215	0.1097	169.6- 229.6	197.8	
2	8	2.988	2.989	-0.001	10270214	0.1033	351.4- 411.4	364.8	
2	9	3.127	3.127	0.000	4542149	0.1032	141.3- 201.3	161.3	
2	10	3.230	3.230	0.000	3432777	0.1002	102.5- 162.5	121.9	
			Average of Peak Amounts =			0.1052			
						RPD = 3.26			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.911	3.911	0.000	6615534	0.1060		100.0	
1	2	4.199	4.199	0.000	11670366	0.1060	152.2- 202.2	176.4	
1	3	4.480	4.479	0.001	11246589	0.1045	146.4- 196.4	170.0	
1	4	5.180	5.178	0.002	13350557	0.1032	180.7- 230.7	201.8	
1	5	5.465	5.464	0.001	5785383	0.0993	64.1- 114.1	87.5	
			Average of Peak Amounts =			0.1038			
2	6	4.940	4.940	0.000	7119452	0.1035		100.0	
2	7	5.170	5.170	0.000	8044234	0.1008	87.6- 147.6	113.0	
2	8	5.538	5.539	-0.001	11716900	0.0992	144.7- 204.7	164.6	
2	9	6.224	6.224	0.000	14510168	0.0995	187.7- 247.7	203.8	
2	10	6.606	6.604	0.002	10271915	0.1063	115.0- 175.0	144.3	
			Average of Peak Amounts =			0.1018			
						RPD = 1.90			
$ 12 DCB Decachlorobiphenyl									
1	100	6.616	6.615	0.001	6871160	0.005146			
2	2	7.840	7.839	0.001	7520328	0.005163			
						RPD = 0.33			

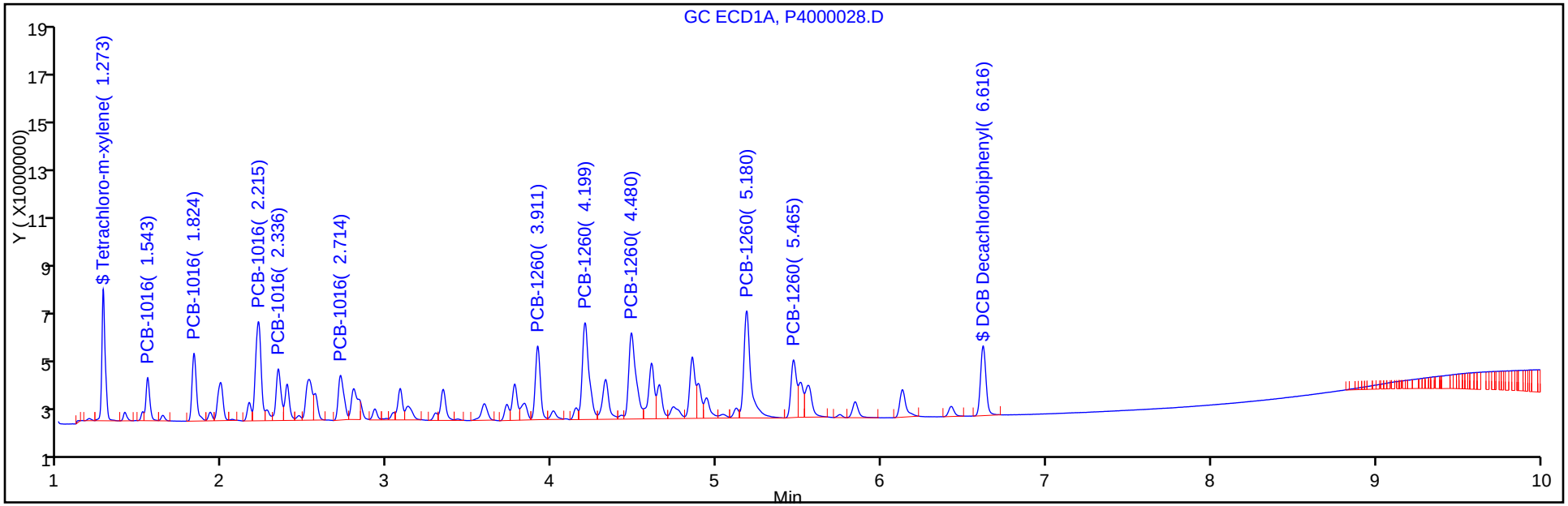
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TestAmerica Canton

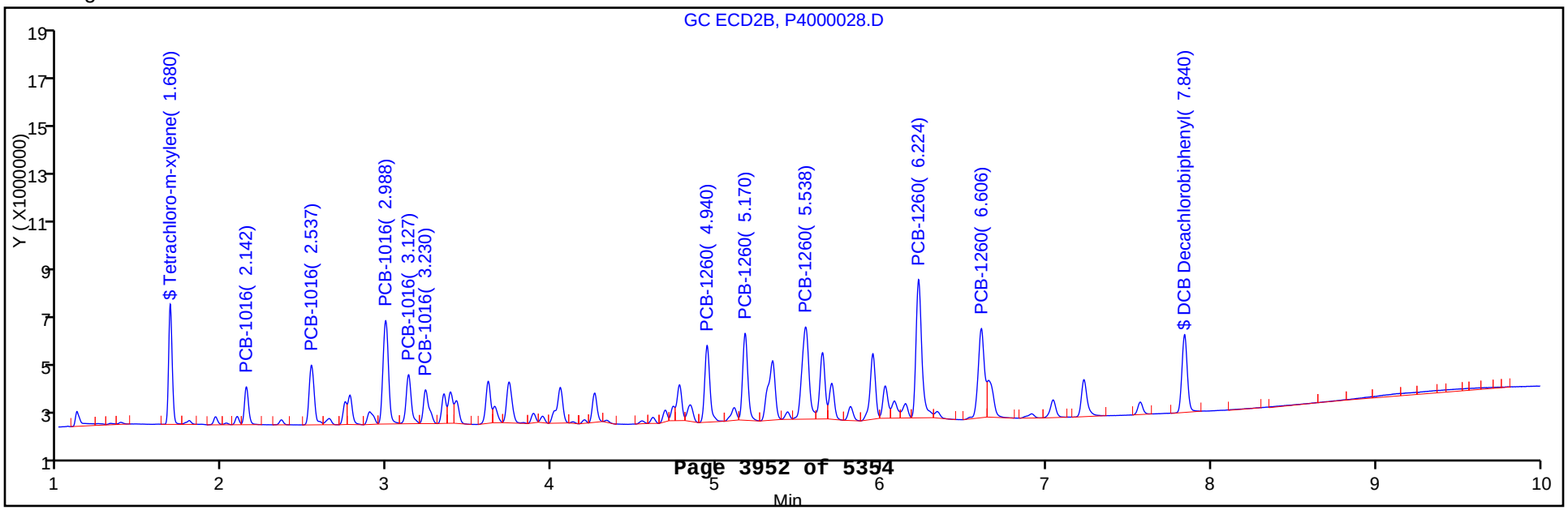
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000028.D

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			

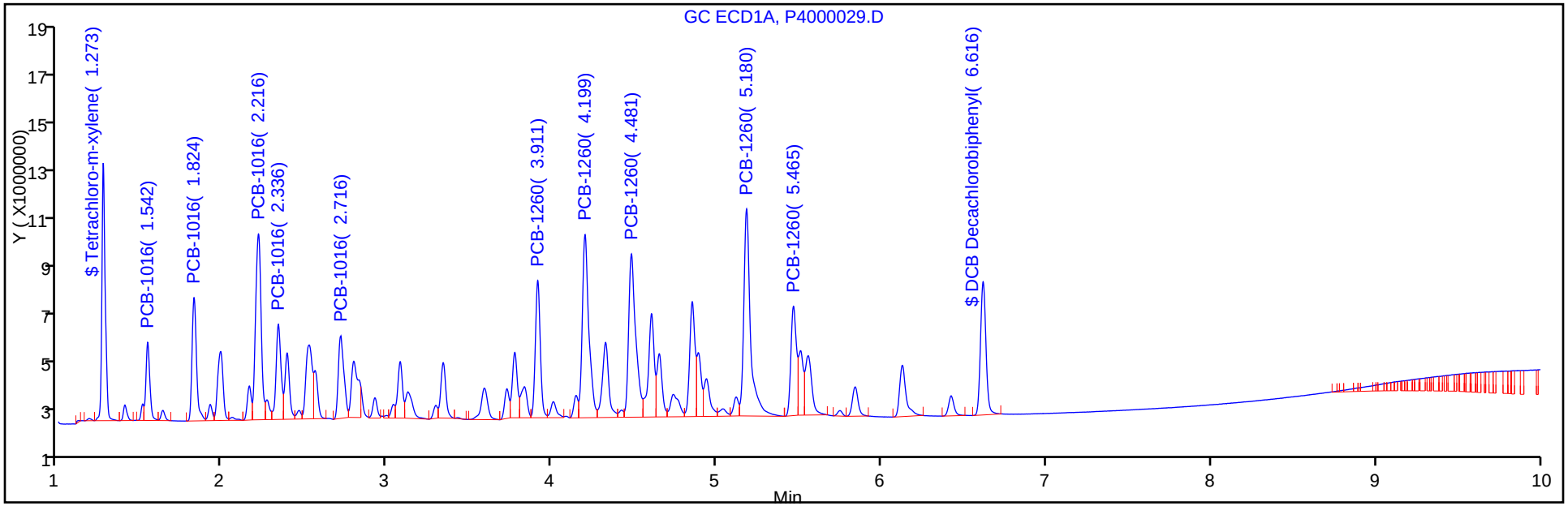
Report Date: 15-Apr-2013 13:05:16 Chrom Revision: 2.0 01-Apr-2013 21:16:10

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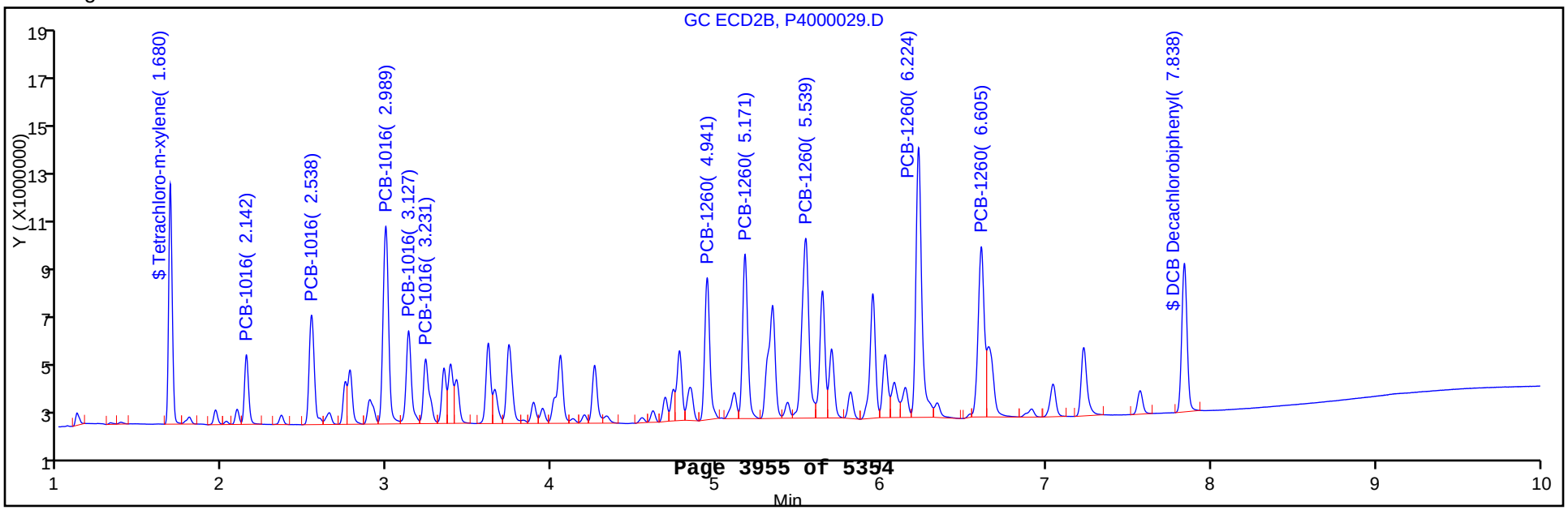
Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000029.D

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			

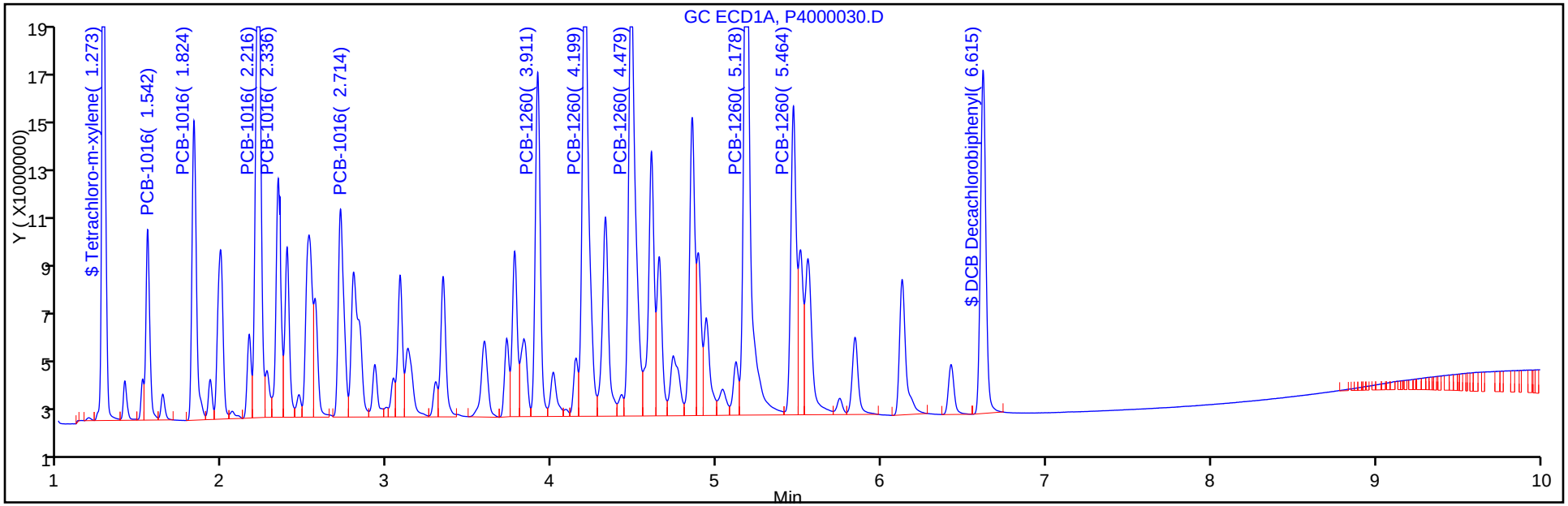
Report Date: 15-Apr-2013 13:05:17 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

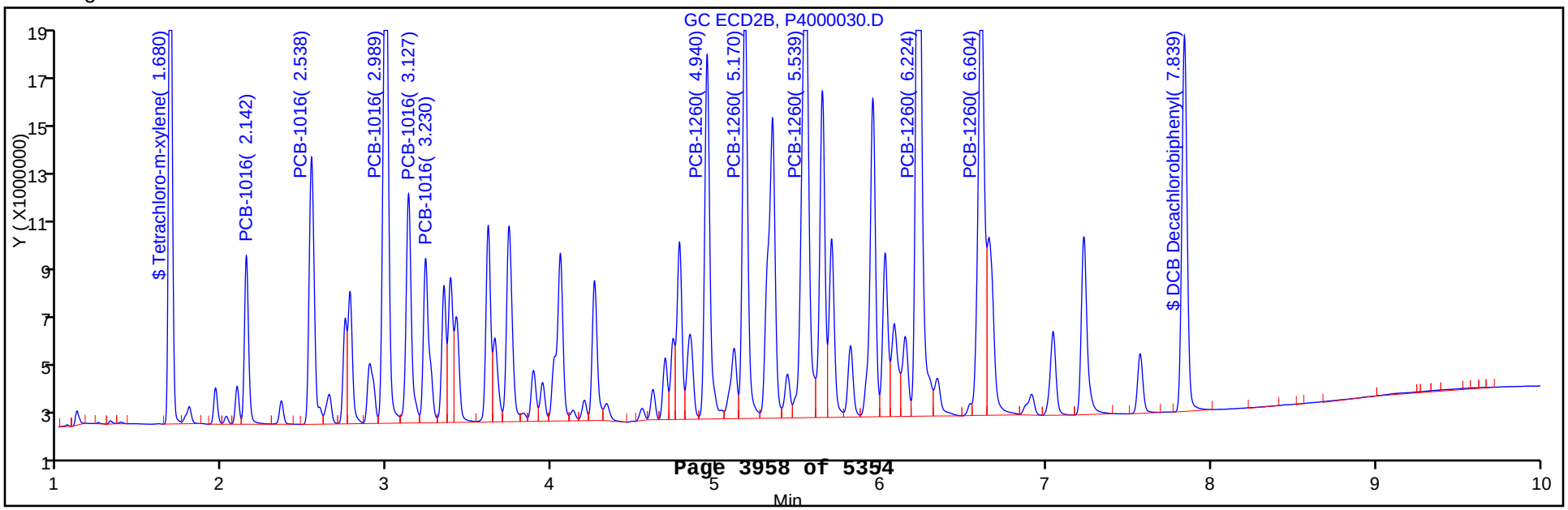
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Injection Date:	15-Apr-2013 06:45:16	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	30
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

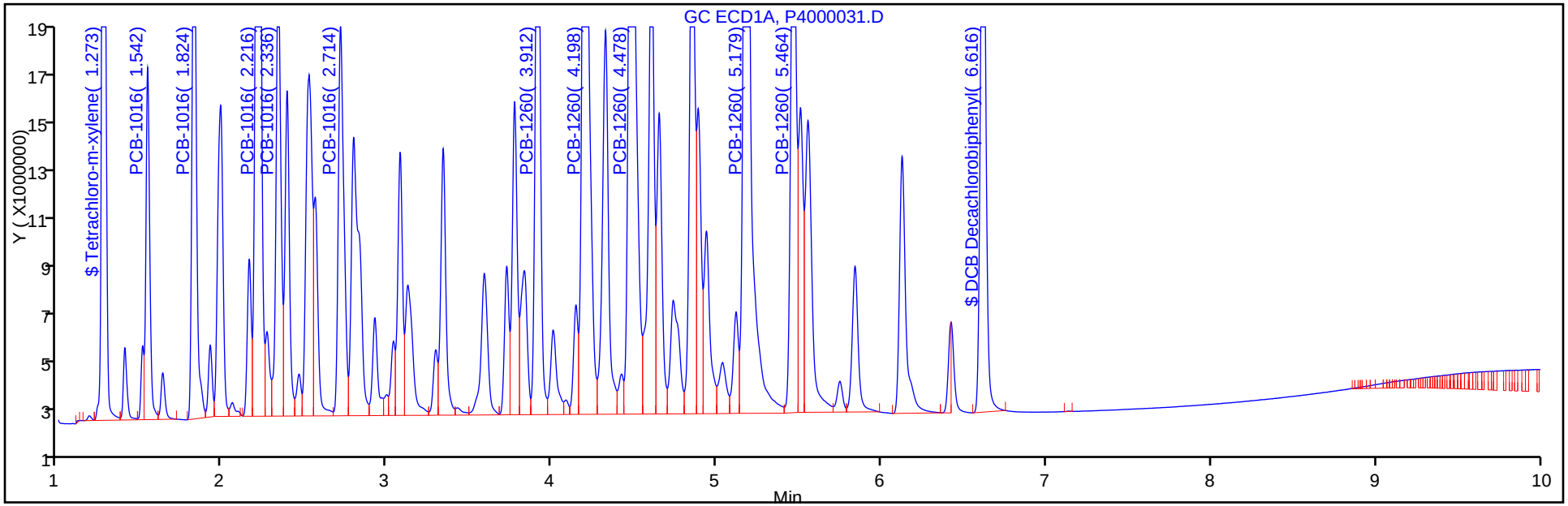
Report Date: 15-Apr-2013 13:05:19 Chrom Revision: 2.0 01-Apr-2013 21:16:10

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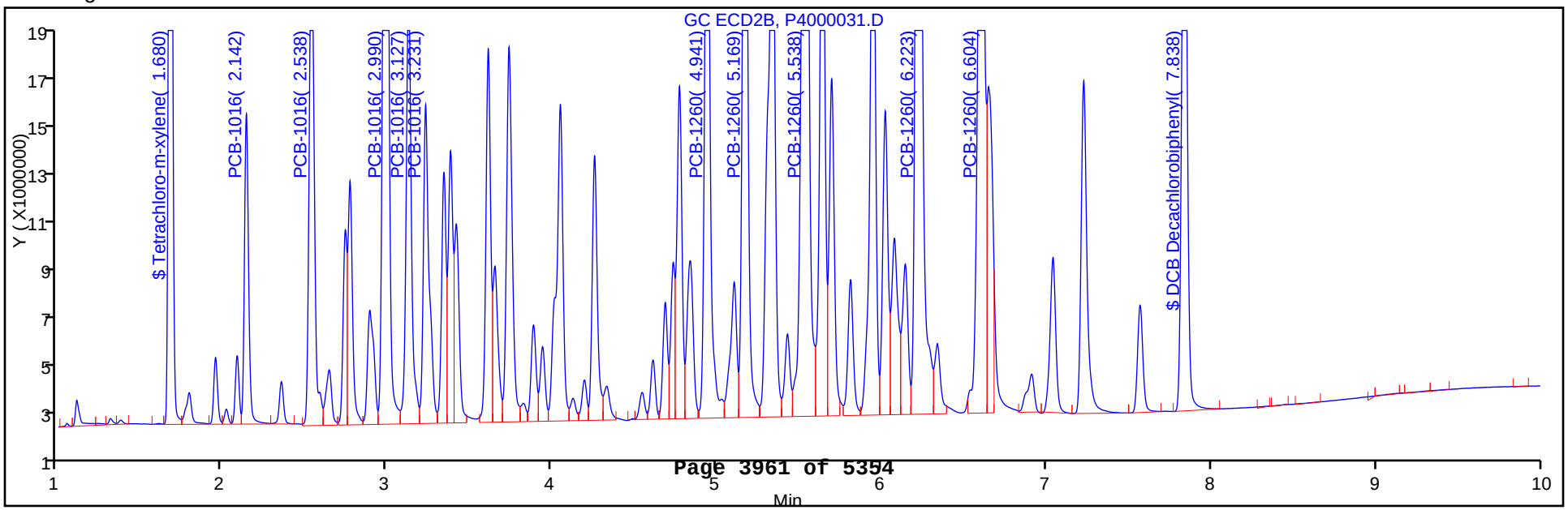
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Injection Date:	15-Apr-2013 07:00:55	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	31
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



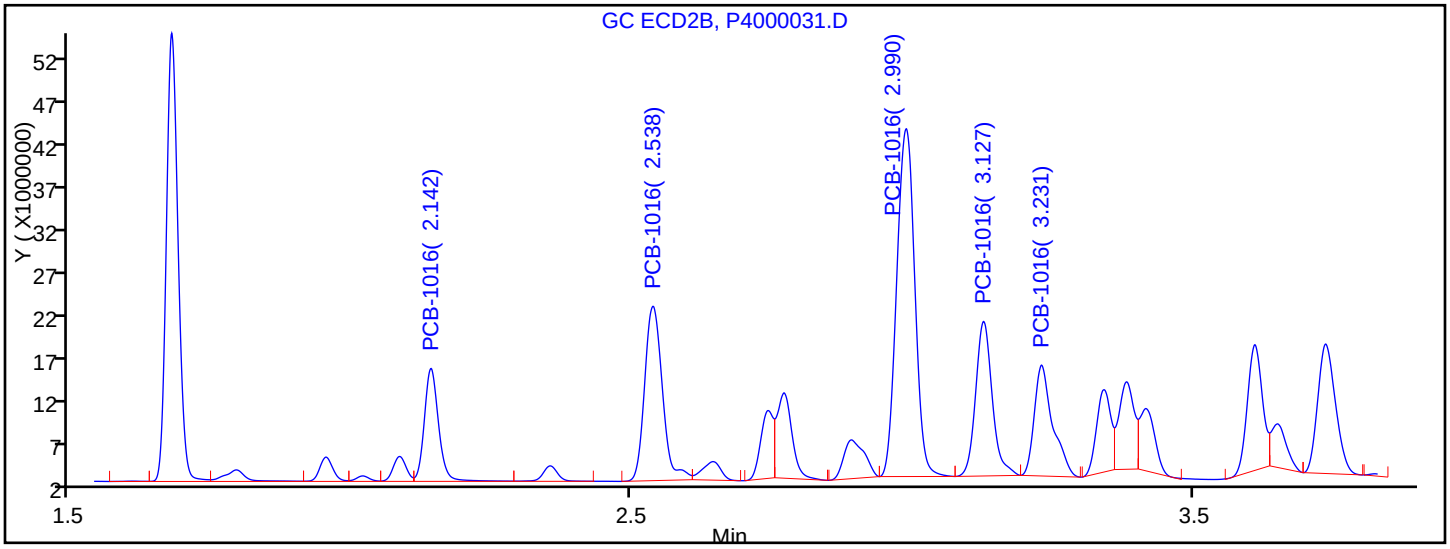
Report Date: 15-Apr-2013 13:05:19 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000031.D

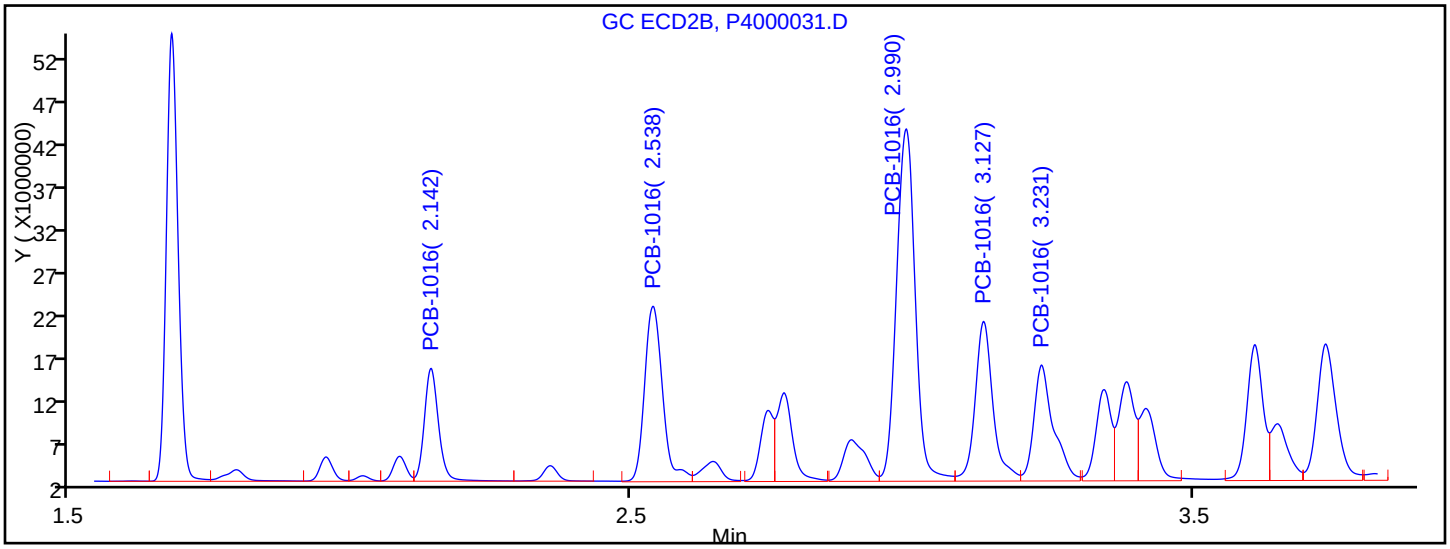
Injection Date:	15-Apr-2013 07:00:55	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	31
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

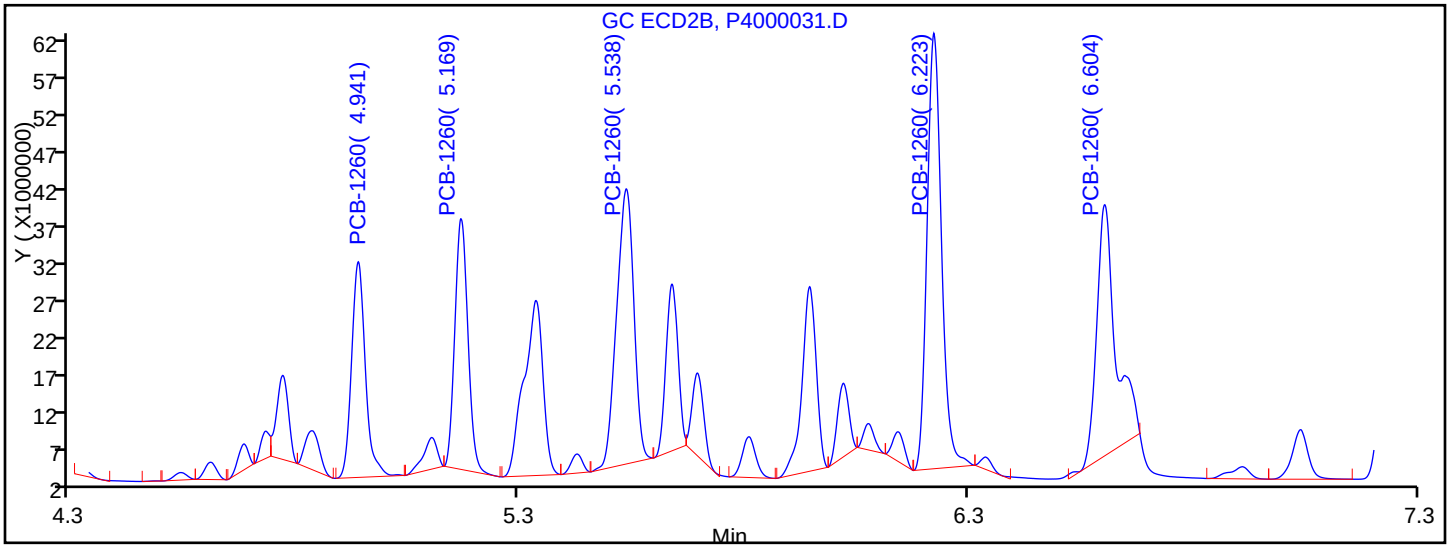
Report Date: 15-Apr-2013 13:05:19 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000031.D

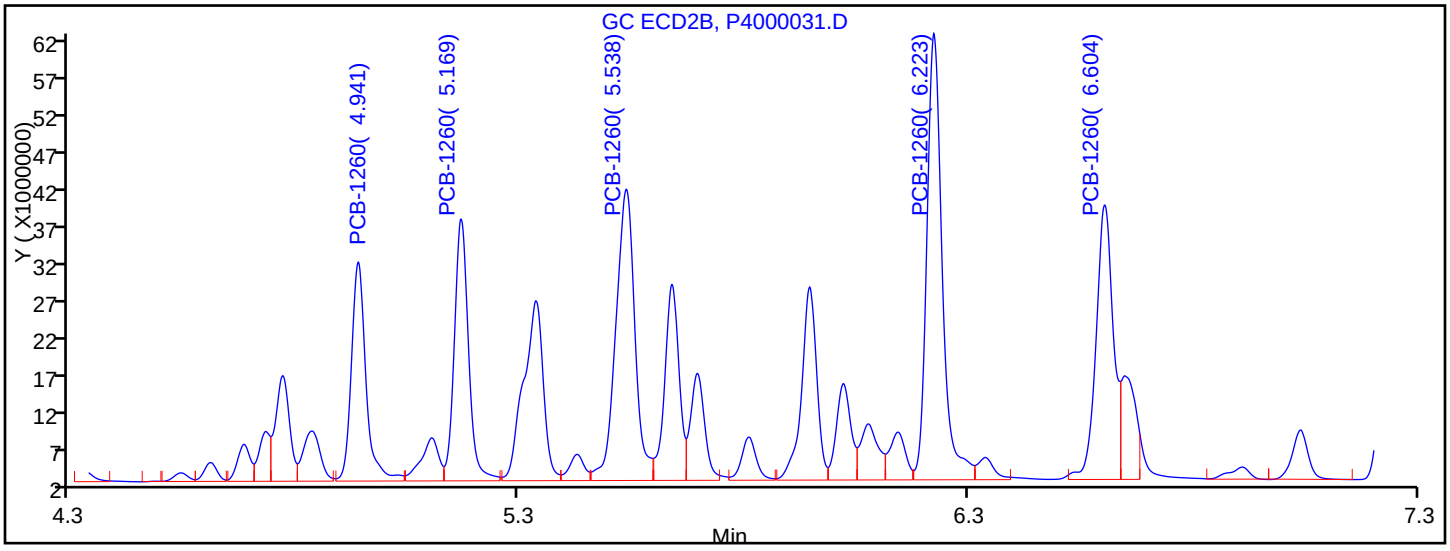
Injection Date:	15-Apr-2013 07:00:55	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	31
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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			

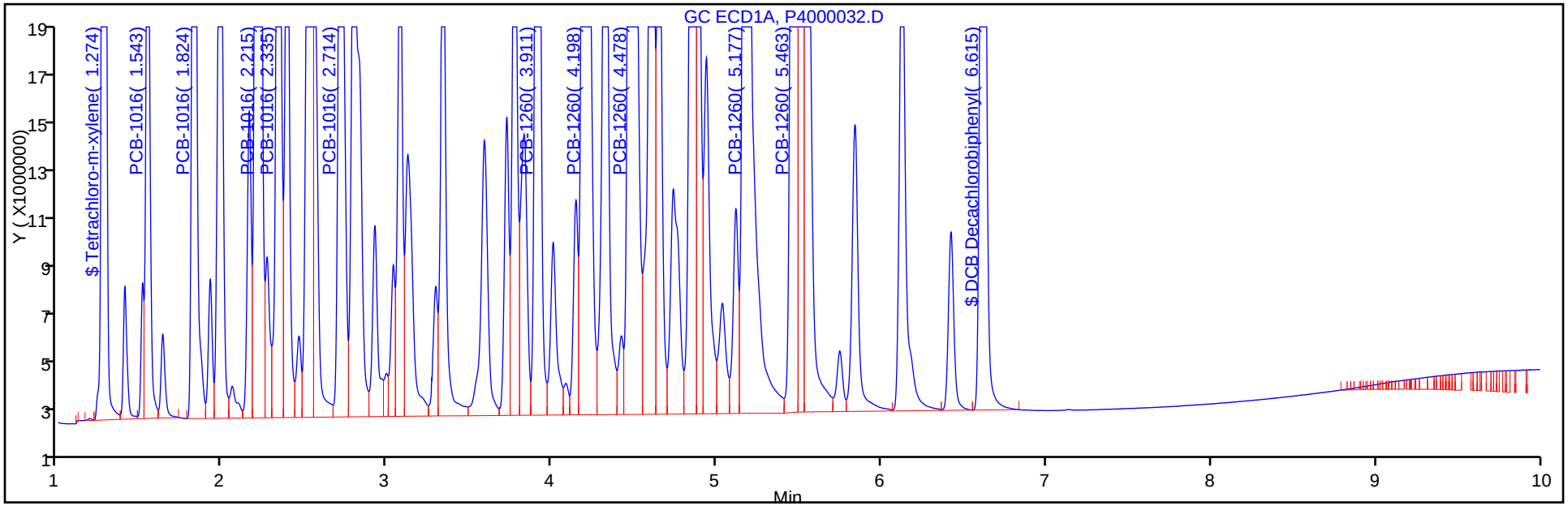
Report Date: 15-Apr-2013 13:05:20 Chrom Revision: 2.0 01-Apr-2013 21:16:10

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20130412-18824.b\P4000032.D

Injection Date:	15-Apr-2013 07:16:36	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	81761	Lims Sample ID:	32
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value

