

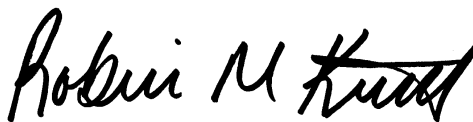
ANALYTICAL REPORT

Job Number: 510-69171-1

Job Description: South Bend Former Studebaker Foundry

For:

Weaver Boos Consultants LLC
4085 Meghan Beeler Court
South Bend, IN 46628
Attention: Jodi Slough



Approved for release.
Robin M Kintz
Project Manager I
9/2/2011 1:10 PM

Robin M Kintz
Project Manager I
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09/02/2011

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Valparaiso Certifications and IDs: New Hampshire (283711), Illinois (200065), Indiana DW (C-64-01), Indiana DW Micro (M-64-4), Washington (C842), Kentucky UST (57) and Foreign Soil Permit (P330-11-00073).

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Job Narrative
510-69171-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC Semi VOA

Method(s) 8082: The following samples required a mercury clean-up to reduce matrix interferences caused by sulfur: (510-69171-1 MS), (510-69171-1 MSD), EB-1 (510-69171-1), EB-2 (510-69171-2), EB-3 (510-69171-3). Batch 85696.

Method(s) 8082: The following samples required two sulfuric acid clean-ups to reduce matrix interferences: (510-69171-1 MS), (510-69171-1 MSD), EB-1 (510-69171-1), EB-3 (510-69171-3). Batch 85696.

Method(s) 8082: The following samples required several sulfuric acid clean-ups to reduce matrix interferences: EB-2 (510-69171-2). Batch 85696.

No other analytical or quality issues were noted.

General Chemistry

No analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1

SDG No.: _____

Instrument ID: SGCA Analysis Batch Number: 84442

Lab Sample ID: STD20 510-84442/1 IC Client Sample ID: _____

Date Analyzed: 08/02/11 12:50 Lab File ID: B6221.D GC Column: 8082/608 ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1260 Peak 1	6.77	Baseline Smoothing	iversc	08/02/11 17:03
PCB-1260 Peak 2	7.26	Baseline Smoothing	iversc	08/02/11 17:03
PCB-1260 Peak 3	7.49	Baseline Smoothing	iversc	08/02/11 17:03
PCB-1260 Peak 4	7.80	Baseline Smoothing	iversc	08/02/11 17:03
PCB-1260 Peak 5	8.55	Baseline Smoothing	iversc	08/02/11 17:03

Lab Sample ID: STD50 510-84442/2 IC Client Sample ID: _____

Date Analyzed: 08/02/11 13:05 Lab File ID: B6222.D GC Column: 8082/608 ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1260 Peak 1	6.77	Baseline Smoothing	iversc	08/02/11 16:58
PCB-1260 Peak 2	7.25	Baseline Smoothing	iversc	08/02/11 16:58
PCB-1260 Peak 3	7.49	Baseline Smoothing	iversc	08/02/11 16:58
PCB-1260 Peak 4	7.80	Baseline Smoothing	iversc	08/02/11 16:58
PCB-1260 Peak 5	8.56	Baseline Smoothing	iversc	08/02/11 16:58

Lab Sample ID: STD250 510-84442/4 IC Client Sample ID: _____

Date Analyzed: 08/02/11 13:35 Lab File ID: B6224.D GC Column: 8082/608 ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1260 Peak 1	6.76	Baseline Smoothing	iversc	08/02/11 17:00
PCB-1260 Peak 2	7.25	Baseline Smoothing	iversc	08/02/11 17:00
PCB-1260 Peak 3	7.49	Baseline Smoothing	iversc	08/02/11 17:00
PCB-1260 Peak 4	7.80	Baseline Smoothing	iversc	08/02/11 17:00
PCB-1260 Peak 5	8.55	Baseline Smoothing	iversc	08/02/11 17:00

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1

SDG No.: _____

Instrument ID: SGCA Analysis Batch Number: 84442

Lab Sample ID: STD1000 510-84442/6 IC Client Sample ID: _____

Date Analyzed: 08/02/11 14:05 Lab File ID: B6226.D GC Column: 8082/608 ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1260 Peak 1	6.77	Baseline Smoothing	iversc	08/02/11 17:02
PCB-1260 Peak 2	7.25	Baseline Smoothing	iversc	08/02/11 17:02
PCB-1260 Peak 3	7.49	Baseline Smoothing	iversc	08/02/11 17:02
PCB-1260 Peak 4	7.80	Baseline Smoothing	iversc	08/02/11 17:02
PCB-1260 Peak 5	8.56	Baseline Smoothing	iversc	08/02/11 17:02

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1

SDG No.: _____

Instrument ID: SGCA Analysis Batch Number: 85696

Lab Sample ID: CCV1500 510-85696/24 Client Sample ID: _____

Date Analyzed: 08/26/11 15:47 Lab File ID: B6630.D GC Column: 8082/608 ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	3.16	Baseline Smoothing	iversc	08/26/11 16:02
PCB-1016 Peak 2	3.59	Baseline Smoothing	iversc	08/26/11 16:02
PCB-1016 Peak 3	4.37	Baseline Smoothing	iversc	08/26/11 16:02
PCB-1016 Peak 4	4.94	Baseline Smoothing	iversc	08/26/11 16:02
PCB-1016 Peak 5	5.49	Baseline Smoothing	iversc	08/26/11 16:02

SAMPLE SUMMARY

Client: Weaver Boos Consultants LLC

Job Number: 510-69171-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
510-69171-1	EB-1	Solid	08/23/2011 0000	08/23/2011 1215
510-69171-2	EB-2	Solid	08/23/2011 0000	08/23/2011 1215
510-69171-3	EB-3	Solid	08/23/2011 0000	08/23/2011 1215

EXECUTIVE SUMMARY - Detections

Client: Weaver Boos Consultants LLC

Job Number: 510-69171-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
510-69171-1	EB-1					
Percent Moisture		13		0.10	%	Moisture
Percent Solids		87		0.10	%	Moisture
510-69171-2	EB-2					
PCB-1260		0.026		0.024	mg/Kg	8082
Percent Moisture		17		0.10	%	Moisture
Percent Solids		83		0.10	%	Moisture
510-69171-3	EB-3					
Percent Moisture		13		0.10	%	Moisture
Percent Solids		87		0.10	%	Moisture

METHOD SUMMARY

Client: Weaver Boos Consultants LLC

Job Number: 510-69171-1

Description	Lab Location	Method	Preparation Method
Matrix Solid			
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL VAL	SW846 8082	
Automated Soxhlet Extraction	TAL VAL		SW846 3541
Percent Moisture	TAL VAL	EPA Moisture	

Lab References:

TAL VAL = TestAmerica Valparaiso

Method References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Weaver Boos Consultants LLC

Job Number: 510-69171-1

Method	Analyst	Analyst ID
SW846 8082	Ivers, Catherine L	CLI
EPA Moisture	Yanna, Bridget A	BAY

Analytical Data

Client: Weaver Boos Consultants LLC

Job Number: 510-69171-1

Client Sample ID: EB-1

Lab Sample ID: 510-69171-1

Date Sampled: 08/23/2011 0000

Client Matrix: Solid

% Moisture: 12.6

Date Received: 08/23/2011 1215

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-85696	Instrument ID: SGCA
Prep Method: 3541	Prep Batch: 510-85633	Initial Weight/Volume: 15.61 g
Dilution: 1.0		Final Weight/Volume: 5 mL
Analysis Date: 08/26/2011 1430		Injection Volume: 1 uL
Prep Date: 08/25/2011 0834		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
PCB-1016		<0.022		0.022
PCB-1221		<0.022		0.022
PCB-1232		<0.022		0.022
PCB-1242		<0.022		0.022
PCB-1248		<0.022		0.022
PCB-1254		<0.022		0.022
PCB-1260		<0.022		0.022

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	103		14 - 147
Dibutylchloroendate	40		10 - 132

Analytical Data

Client: Weaver Boos Consultants LLC

Job Number: 510-69171-1

Client Sample ID: **EB-2**

Lab Sample ID: 510-69171-2

Date Sampled: 08/23/2011 0000

Client Matrix: Solid

% Moisture: 17.2

Date Received: 08/23/2011 1215

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	510-85696	Instrument ID:	SGCA
Prep Method:	3541	Prep Batch:	510-85633	Initial Weight/Volume:	15.32 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	08/26/2011 1531			Injection Volume:	1 uL
Prep Date:	08/25/2011 0834			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
PCB-1016		<0.024		0.024
PCB-1221		<0.024		0.024
PCB-1232		<0.024		0.024
PCB-1242		<0.024		0.024
PCB-1248		<0.024		0.024
PCB-1254		<0.024		0.024
PCB-1260		0.026		0.024

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	69		14 - 147
Dibutylchloroendate	27		10 - 132

Analytical Data

Client: Weaver Boos Consultants LLC

Job Number: 510-69171-1

Client Sample ID: EB-3

Lab Sample ID: 510-69171-3

Date Sampled: 08/23/2011 0000

Client Matrix: Solid

% Moisture: 12.9

Date Received: 08/23/2011 1215

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	510-85696	Instrument ID:	SGCA
Prep Method:	3541	Prep Batch:	510-85633	Initial Weight/Volume:	15.51 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	08/26/2011 1516			Injection Volume:	1 uL
Prep Date:	08/25/2011 0834			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
PCB-1016		<0.022		0.022
PCB-1221		<0.022		0.022
PCB-1232		<0.022		0.022
PCB-1242		<0.022		0.022
PCB-1248		<0.022		0.022
PCB-1254		<0.022		0.022
PCB-1260		<0.022		0.022

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	85		14 - 147
Dibutylchloroendate	40		10 - 132

Analytical Data

Client: Weaver Boos Consultants LLC

Job Number: 510-69171-1

General Chemistry

Client Sample ID: EB-1

Lab Sample ID: 510-69171-1
Client Matrix: Solid

Date Sampled: 08/23/2011 0000
Date Received: 08/23/2011 1215

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	13		%	0.10	1.0	Moisture
	Analysis Batch: 510-85607	Analysis Date: 08/24/2011	1631			DryWt Corrected: N
Percent Solids	87		%	0.10	1.0	Moisture
	Analysis Batch: 510-85607	Analysis Date: 08/24/2011	1631			DryWt Corrected: N

Analytical Data

Client: Weaver Boos Consultants LLC

Job Number: 510-69171-1

General Chemistry

Client Sample ID: EB-2

Lab Sample ID: 510-69171-2

Client Matrix: Solid

Date Sampled: 08/23/2011 0000

Date Received: 08/23/2011 1215

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	17		%	0.10	1.0	Moisture
	Analysis Batch: 510-85607	Analysis Date: 08/24/2011	1631			DryWt Corrected: N
Percent Solids	83		%	0.10	1.0	Moisture
	Analysis Batch: 510-85607	Analysis Date: 08/24/2011	1631			DryWt Corrected: N

Analytical Data

Client: Weaver Boos Consultants LLC

Job Number: 510-69171-1

General Chemistry

Client Sample ID: EB-3

Lab Sample ID: 510-69171-3

Date Sampled: 08/23/2011 0000

Client Matrix: Solid

Date Received: 08/23/2011 1215

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	13		%	0.10	1.0	Moisture
	Analysis Batch: 510-85607	Analysis Date: 08/24/2011	1631			DryWt Corrected: N
Percent Solids	87		%	0.10	1.0	Moisture
	Analysis Batch: 510-85607	Analysis Date: 08/24/2011	1631			DryWt Corrected: N

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBC1 %Rec	DCB1 %Rec
510-69171-1	EB-1	40	103
510-69171-2	EB-2	27	69
510-69171-3	EB-3	40	85
MB 510-85633/1-A		67	109
LCS 510-85633/2-A		85	109
510-69171-1 MS	EB-1 MS	39	102
510-69171-1 MSD	EB-1 MSD	68	103

Surrogate	Acceptance Limits
DBC = Dibutylchloroendate	10-132
DCB = DCB Decachlorobiphenyl	14-147

Quality Control Results

Client: Weaver Boos Consultants LLC

Job Number: 510-69171-1

Method Blank - Batch: 510-85633

**Method: 8082
Preparation: 3541**

Lab Sample ID: MB 510-85633/1-A
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 08/26/2011 1344
 Prep Date: 08/25/2011 0834
 Leach Date: N/A

Analysis Batch: 510-85696
 Prep Batch: 510-85633
 Leach Batch: N/A
 Units: mg/Kg

Instrument ID: SGCA
 Lab File ID: B6622.D
 Initial Weight/Volume: 30 g
 Final Weight/Volume: 5 mL
 Injection Volume: 1 uL
 Column ID: PRIMARY

Analyte	Result	Qual	RL
PCB-1016	<0.010		0.010
PCB-1221	<0.010		0.010
PCB-1232	<0.010		0.010
PCB-1242	<0.010		0.010
PCB-1248	<0.010		0.010
PCB-1254	<0.010		0.010
PCB-1260	<0.010		0.010

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	109	14 - 147
Dibutylchloroendate	67	10 - 132

Lab Control Sample - Batch: 510-85633

**Method: 8082
Preparation: 3541**

Lab Sample ID: LCS 510-85633/2-A
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 08/26/2011 1359
 Prep Date: 08/25/2011 0834
 Leach Date: N/A

Analysis Batch: 510-85696
 Prep Batch: 510-85633
 Leach Batch: N/A
 Units: mg/Kg

Instrument ID: SGCA
 Lab File ID: B6623.D
 Initial Weight/Volume: 30 g
 Final Weight/Volume: 5 mL
 Injection Volume: 1 uL
 Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	0.167	0.182	109	71 - 118	
PCB-1260	0.167	0.186	112	72 - 125	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	109	14 - 147
Dibutylchloroendate	85	10 - 132

Quality Control Results

Client: Weaver Boos Consultants LLC

Job Number: 510-69171-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 510-85633**

**Method: 8082
Preparation: 3541**

MS Lab Sample ID: 510-69171-1
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/26/2011 1445
Prep Date: 08/25/2011 0834
Leach Date: N/A

Analysis Batch: 510-85696
Prep Batch: 510-85633
Leach Batch: N/A

Instrument ID: SGCA
Lab File ID: B6626.D
Initial Weight/Volume: 15.79 g
Final Weight/Volume: 5 mL
Injection Volume: 1 uL
Column ID: PRIMARY

MSD Lab Sample ID: 510-69171-1
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/26/2011 1501
Prep Date: 08/25/2011 0834
Leach Date: N/A

Analysis Batch: 510-85696
Prep Batch: 510-85633
Leach Batch: N/A

Instrument ID: SGCA
Lab File ID: B6627.D
Initial Weight/Volume: 15.57 g
Final Weight/Volume: 5 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
PCB-1016	106	109	71 - 118	3	30		
PCB-1260	110	112	72 - 125	4	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
DCB Decachlorobiphenyl	102		103	14 - 147			
Dibutylchloroendate	39		68	10 - 132			

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 510-85633**

**Method: 8082
Preparation: 3541**

MS Lab Sample ID: 510-69171-1
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/26/2011 1445
Prep Date: 08/25/2011 0834
Leach Date: N/A

Units: mg/Kg

MSD Lab Sample ID: 510-69171-1
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/26/2011 1501
Prep Date: 08/25/2011 0834
Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
PCB-1016	<0.022	0.363	0.368	0.386	0.400
PCB-1260	<0.022	0.363	0.368	0.397	0.413

Quality Control Results

Client: Weaver Boos Consultants LLC

Job Number: 510-69171-1

Method Blank - Batch: 510-85607

Method: Moisture Preparation: N/A

Lab Sample ID:	MB 510-85607/1	Analysis Batch:	510-85607	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	08/24/2011 1631	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	RL
Percent Moisture	100		0.10
Percent Solids	0.027		0.10

Duplicate - Batch: 510-85607

Method: Moisture Preparation: N/A

Lab Sample ID:	510-69171-1	Analysis Batch:	510-85607	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	08/24/2011 1631	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	13	12	2	20	
Percent Solids	87	88	0.3	20	

Quality Control Results

Client: Weaver Boos Consultants LLC

Job Number: 510-69171-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 510-85633					
LCS 510-85633/2-A	Lab Control Sample	T	Solid	3541	
MB 510-85633/1-A	Method Blank	T	Solid	3541	
510-69171-1	EB-1	T	Solid	3541	
510-69171-1MS	Matrix Spike	T	Solid	3541	
510-69171-1MSD	Matrix Spike Duplicate	T	Solid	3541	
510-69171-2	EB-2	T	Solid	3541	
510-69171-3	EB-3	T	Solid	3541	
Analysis Batch:510-85696					
LCS 510-85633/2-A	Lab Control Sample	T	Solid	8082	510-85633
MB 510-85633/1-A	Method Blank	T	Solid	8082	510-85633
510-69171-1	EB-1	T	Solid	8082	510-85633
510-69171-1MS	Matrix Spike	T	Solid	8082	510-85633
510-69171-1MSD	Matrix Spike Duplicate	T	Solid	8082	510-85633
510-69171-2	EB-2	T	Solid	8082	510-85633
510-69171-3	EB-3	T	Solid	8082	510-85633

Report Basis

T = Total

General Chemistry

Analysis Batch:510-85607					
MB 510-85607/1	Method Blank	T	Solid	Moisture	
510-69171-1	EB-1	T	Solid	Moisture	
510-69171-1DU	Duplicate	T	Solid	Moisture	
510-69171-2	EB-2	T	Solid	Moisture	
510-69171-3	EB-3	T	Solid	Moisture	

Report Basis

T = Total

Quality Control Results

Client: Weaver Boos Consultants LLC

Job Number: 510-69171-1

Laboratory Chronicle

Lab ID: 510-69171-1

Client ID: EB-1

Sample Date/Time: 08/23/2011 00:00 Received Date/Time: 08/23/2011 12:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	510-69171-A-1-A		510-85696	510-85633	08/25/2011 08:34	1	TAL VAL	SNP
A:8082	510-69171-A-1-A		510-85696	510-85633	08/26/2011 14:30	1	TAL VAL	CLI
A:Moisture	510-69171-A-1		510-85607		08/24/2011 16:31	1	TAL VAL	BAY

Lab ID: 510-69171-1 MS

Client ID: EB-1

Sample Date/Time: 08/23/2011 00:00 Received Date/Time: 08/23/2011 12:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	510-69171-A-1-B MS		510-85696	510-85633	08/25/2011 08:34	1	TAL VAL	SNP
A:8082	510-69171-A-1-B MS		510-85696	510-85633	08/26/2011 14:45	1	TAL VAL	CLI

Lab ID: 510-69171-1 MSD

Client ID: EB-1

Sample Date/Time: 08/23/2011 00:00 Received Date/Time: 08/23/2011 12:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	510-69171-A-1-C MSD		510-85696	510-85633	08/25/2011 08:34	1	TAL VAL	SNP
A:8082	510-69171-A-1-C MSD		510-85696	510-85633	08/26/2011 15:01	1	TAL VAL	CLI

Lab ID: 510-69171-1 DU

Client ID: EB-1

Sample Date/Time: 08/23/2011 00:00 Received Date/Time: 08/23/2011 12:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	510-69171-A-1 DU		510-85607		08/24/2011 16:31	1	TAL VAL	BAY

Lab ID: 510-69171-2

Client ID: EB-2

Sample Date/Time: 08/23/2011 00:00 Received Date/Time: 08/23/2011 12:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	510-69171-A-2-A		510-85696	510-85633	08/25/2011 08:34	1	TAL VAL	SNP
A:8082	510-69171-A-2-A		510-85696	510-85633	08/26/2011 15:31	1	TAL VAL	CLI
A:Moisture	510-69171-A-2		510-85607		08/24/2011 16:31	1	TAL VAL	BAY

Quality Control Results

Client: Weaver Boos Consultants LLC

Job Number: 510-69171-1

Laboratory Chronicle

Lab ID: 510-69171-3

Client ID: EB-3

Sample Date/Time: 08/23/2011 00:00 Received Date/Time: 08/23/2011 12:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	510-69171-A-3-A		510-85696	510-85633	08/25/2011 08:34	1	TAL VAL	SNP
A:8082	510-69171-A-3-A		510-85696	510-85633	08/26/2011 15:16	1	TAL VAL	CLI
A:Moisture	510-69171-A-3		510-85607		08/24/2011 16:31	1	TAL VAL	BAY

Lab ID: MB

Client ID: N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	MB 510-85633/1-A		510-85696	510-85633	08/25/2011 08:34	1	TAL VAL	SNP
A:8082	MB 510-85633/1-A		510-85696	510-85633	08/26/2011 13:44	1	TAL VAL	CLI
A:Moisture	MB 510-85607/1		510-85607		08/24/2011 16:31	1	TAL VAL	BAY

Lab ID: LCS

Client ID: N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	LCS 510-85633/2-A		510-85696	510-85633	08/25/2011 08:34	1	TAL VAL	SNP
A:8082	LCS 510-85633/2-A		510-85696	510-85633	08/26/2011 13:59	1	TAL VAL	CLI

Lab References:

TAL VAL = TestAmerica Valparaiso

Method 8082

Polychlorinated Biphenyls (PCBs) by
Gas Chromatography by Method 8082

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1

SDG No.: _____

Matrix: Solid Level: Low

GC Column (1): 8082/608 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DBC1 #	DCB1 #
EB-1	510-69171-1	40	103
EB-2	510-69171-2	27	69
EB-3	510-69171-3	40	85
	MB 510-85633/1-A	67	109
	LCS 510-85633/2-A	85	109
EB-1 MS	510-69171-1 MS	39	102
EB-1 MSD	510-69171-1 MSD	68	103

DBC = Dibutylchloroendate
DCB = DCB Decachlorobiphenyl

QC LIMITS
10-132
14-147

Column to be used to flag recovery values

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1

SDG No.: _____

Matrix: Solid Level: Low Lab File ID: B6623.D

Lab ID: LCS 510-85633/2-A Client ID: _____

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
PCB-1016	0.167	0.182	109	71-118	
PCB-1260	0.167	0.186	112	72-125	

Column to be used to flag recovery and RPD values

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1

SDG No.: _____

Matrix: Solid Level: Low Lab File ID: B6626.D

Lab ID: 510-69171-1 MS Client ID: EB-1 MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
PCB-1016	0.363	<0.022	0.386	106	71-118	
PCB-1260	0.363	<0.022	0.397	110	72-125	

Column to be used to flag recovery and RPD values

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1

SDG No.: _____

Matrix: Solid Level: Low Lab File ID: B6627.D

Lab ID: 510-69171-1 MSD Client ID: EB-1 MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
PCB-1016	0.368	0.400	109	3	30	71-118	
PCB-1260	0.368	0.413	112	4	30	72-125	

Column to be used to flag recovery and RPD values

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1
 SDG No.: _____
 Lab Sample ID: MB 510-85633/1-A
 Matrix: Solid Date Extracted: 08/25/2011 08:34
 Lab File ID: (1) B6622.D Lab File ID: (2) _____
 Date Analyzed: (1) 08/26/2011 13:44 Date Analyzed: (2) _____
 Instrument ID: (1) SGCA Instrument ID: (2) _____
 GC Column: (1) 8082/608 ID: 0.53 (mm) GC Column: (2) _____ ID: _____

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 510-85633/2-A	08/26/2011 13:59	
EB-1	510-69171-1	08/26/2011 14:30	
EB-1 MS	510-69171-1 MS	08/26/2011 14:45	
EB-1 MSD	510-69171-1 MSD	08/26/2011 15:01	
EB-3	510-69171-3	08/26/2011 15:16	
EB-2	510-69171-2	08/26/2011 15:31	

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1
 SDG No.: _____
 Client Sample ID: EB-1 MS Lab Sample ID: 510-69171-1 MS
 Instrument ID (1): SGCA Instrument ID (2): _____
 Date Analyzed (1): 08/26/2011 14:45 Date Analyzed (2): _____
 GC Column (1): 8082/608 ID: 0.53(mm) GC Column (2): _____ ID: _____

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	3.16	3.06	3.26	0.367	0.386	
		2	3.59	3.48	3.68	0.385		
		3	4.37	4.27	4.47	0.393		
		4	4.94	4.84	5.04	0.391		
		5	5.49	5.39	5.59	0.394		
PCB-1260	1	1	6.77	6.66	6.86	0.394	0.397	
		2	7.25	7.15	7.35	0.411		
		3	7.49	7.39	7.59	0.412		
		4	7.80	7.70	7.90	0.420		
		5	8.55	8.45	8.65	0.351		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1
 SDG No.: _____
 Client Sample ID: EB-1 MSD Lab Sample ID: 510-69171-1 MSD
 Instrument ID (1): SGCA Instrument ID (2): _____
 Date Analyzed (1): 08/26/2011 15:01 Date Analyzed (2): _____
 GC Column (1): 8082/608 ID: 0.53(mm) GC Column (2): _____ ID: _____

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	3.16	3.06	3.26	0.375	0.400	
		2	3.58	3.48	3.68	0.396		
		3	4.37	4.27	4.47	0.408		
		4	4.94	4.84	5.04	0.407		
		5	5.49	5.39	5.59	0.412		
PCB-1260	1	1	6.76	6.66	6.86	0.410	0.413	
		2	7.25	7.15	7.35	0.427		
		3	7.49	7.39	7.59	0.428		
		4	7.79	7.70	7.90	0.435		
		5	8.55	8.45	8.65	0.364		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 510-85633/2-A
 Instrument ID (1): SGCA Instrument ID (2): _____
 Date Analyzed (1): 08/26/2011 13:59 Date Analyzed (2): _____
 GC Column (1): 8082/608 ID: 0.53(mm) GC Column (2): _____ ID: _____

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	3.16	3.06	3.26	0.177	0.182	
		2	3.59	3.48	3.68	0.180		
		3	4.37	4.27	4.47	0.184		
		4	4.94	4.84	5.04	0.184		
		5	5.49	5.39	5.59	0.185		
PCB-1260	1	1	6.77	6.66	6.86	0.185	0.186	
		2	7.25	7.15	7.35	0.193		
		3	7.49	7.39	7.59	0.193		
		4	7.80	7.70	7.90	0.196		
		5	8.56	8.45	8.65	0.165		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1
 SDG No.: _____
 Client Sample ID: EB-1 Lab Sample ID: 510-69171-1
 Matrix: Solid Lab File ID: B6625.D
 Analysis Method: 8082 Date Collected: 08/23/2011 00:00
 Extraction Method: 3541 Date Extracted: 08/25/2011 08:34
 Sample wt/vol: 15.61(g) Date Analyzed: 08/26/2011 14:30
 Con. Extract Vol.: 5(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)
 % Moisture: 12.6 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 85696 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<0.022		0.022	0.0025
11104-28-2	PCB-1221	<0.022		0.022	0.0066
11141-16-5	PCB-1232	<0.022		0.022	0.0053
53469-21-9	PCB-1242	<0.022		0.022	0.0042
12672-29-6	PCB-1248	<0.022		0.022	0.0038
11097-69-1	PCB-1254	<0.022		0.022	0.0035
11096-82-5	PCB-1260	<0.022		0.022	0.0018

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		14-147
1770-80-5	Dibutylchloredate	40		10-132

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110826-5447.b\B6625.D
 Lims ID: 510-69171-A-1-A Client ID: EB-1
 Inject. Date: 26-Aug-2011 14:30:38 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 510-69171-a-1-a
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 17
 Lims Batch ID: 85696 Lims Sample ID: 19
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20110826-5447.b\PCBS.m
 Last Update: 26-Aug-2011 13:48:30 Calib Date: 02-Aug-2011 16:08:12
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6234.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 26-Aug-2011 15:14:31

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	--------	--------	----------	-----------------	-------------	-------	-------

5 PCB-1221

1	1	2.251
1	2	2.946
1	3	3.114
1	4	3.161
1	5	4.370
2	6	2.514
2	7	2.942
2	8	3.440
2	9	3.632
2	10	3.717

7 PCB-1232

1	1	2.943
1	2	3.158
1	3	3.584
1	4	4.368
1	5	4.454
2	6	2.511
2	7	3.715
2	8	4.290
2	9	5.177
2	10	5.901

Data File: \\valsvr08\ChromData\SGCA\20110826-5447.b\B6625.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1		3.159						
1	2		3.584						
1	3		4.368						
1	4		4.937						
1	5		5.488						
2	6		3.715						
2	7		4.289						
2	8		5.174						
2	9		5.605						
2	10		5.899						
10 PCB-1242									
1	1		3.163						
1	2		3.588						
1	3		4.455						
1	4		5.118						
1	5		5.593						
2	6		3.717						
2	7		4.291						
2	8		5.176						
2	9		6.569						
2	10		6.951						
6 PCB-1248									
1	1		3.585						
1	2		4.191						
1	3		5.058						
1	4		5.591						
1	5		6.474						
2	6		4.291						
2	7		5.173						
2	8		5.900						
2	9		6.568						
2	10		6.953						
9 PCB-1254									
1	1		5.552						
1	2		6.290						
1	3		6.475						
1	4		6.923						
1	5		7.798						
2	6		6.565						
2	7		6.879						
2	8		7.773						
2	9		8.288						
2	10		9.243						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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11 PCB-1260

1	1	6.764
1	2	7.251
1	3	7.487
1	4	7.795
1	5	8.552
2	6	7.847
2	7	8.212
2	8	8.646
2	9	9.374
2	10	9.767

\$ 3 Dibutylchlorendate

1	1	9.565	9.562	0.003	78269539	40.0	
2	2	10.281	10.281	0.000	48522810	57.2	
							RPD = 35.41

\$ 2 DCB Decachlorobiphenyl

1	1	10.761	10.761	0.000	160740008	103.4	
2	2	11.599	11.599	0.000	96219163	104.0	
							RPD = 0.56

Report Date: 26-Aug-2011 15:14:31

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20110826-5447.b\B6625.D

Injection Date: 26-Aug-2011 14:30:38

Limit Group: SGC - 1 - 8082 CAL

Client ID: EB-1

Instrument ID: SGCA

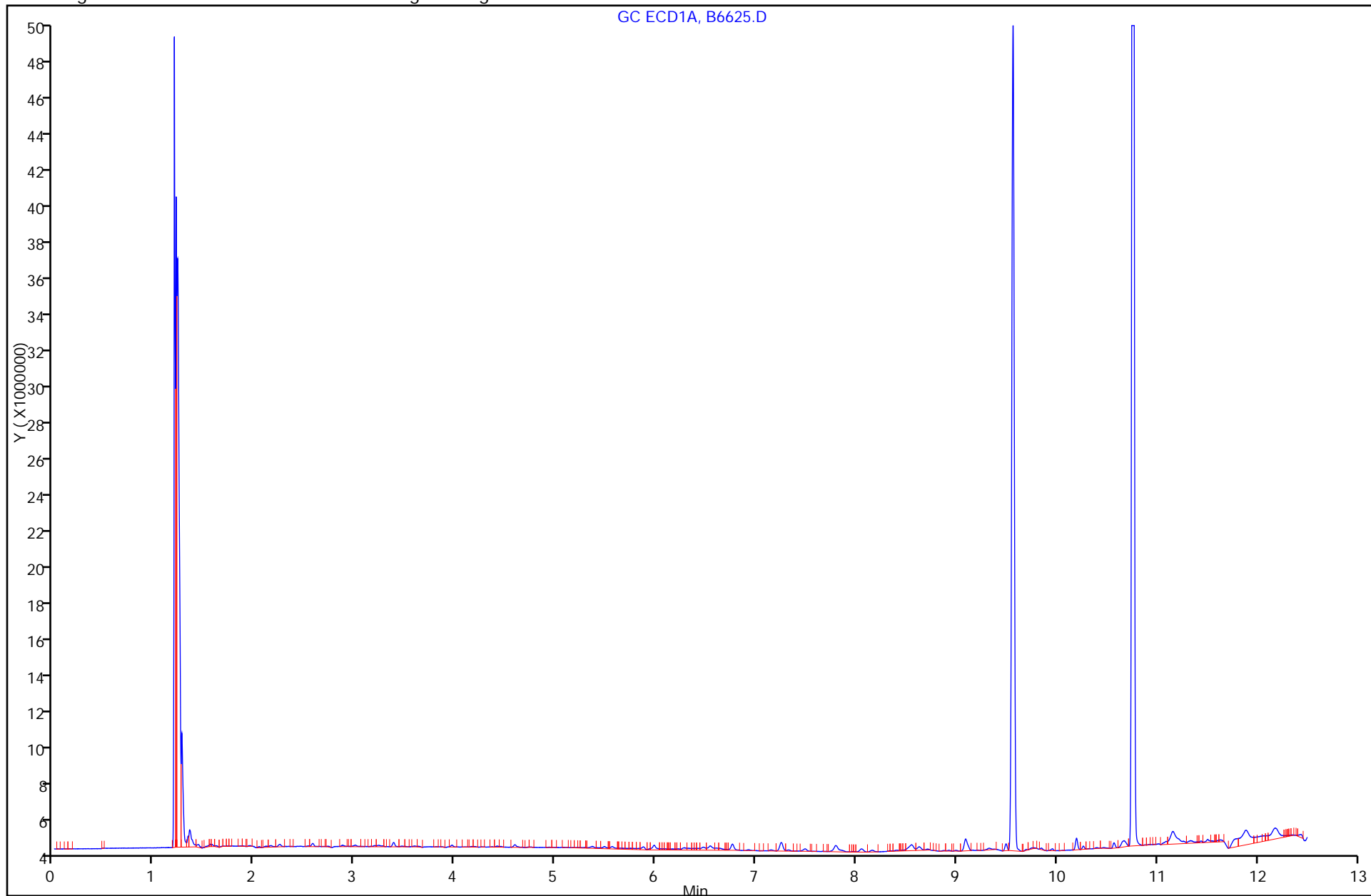
Lims Batch ID: 85696

Lims Sample ID: 19

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1
 SDG No.: _____
 Client Sample ID: EB-2 Lab Sample ID: 510-69171-2
 Matrix: Solid Lab File ID: B6629.D
 Analysis Method: 8082 Date Collected: 08/23/2011 00:00
 Extraction Method: 3541 Date Extracted: 08/25/2011 08:34
 Sample wt/vol: 15.32 (g) Date Analyzed: 08/26/2011 15:31
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: 8082/608 ID: 0.53 (mm)
 % Moisture: 17.2 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 85696 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<0.024		0.024	0.0027
11104-28-2	PCB-1221	<0.024		0.024	0.0071
11141-16-5	PCB-1232	<0.024		0.024	0.0057
53469-21-9	PCB-1242	<0.024		0.024	0.0045
12672-29-6	PCB-1248	<0.024		0.024	0.0041
11097-69-1	PCB-1254	<0.024		0.024	0.0038
11096-82-5	PCB-1260	0.026		0.024	0.0019

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	69		14-147
1770-80-5	Dibutylchloredate	27		10-132

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110826-5447.b\B6629.D
 Lims ID: 510-69171-A-2-A Client ID: EB-2
 Inject. Date: 26-Aug-2011 15:31:55 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 510-69171-a-2-a
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 26
 Lims Batch ID: 85696 Lims Sample ID: 23
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20110826-5447.b\PCBS.m
 Last Update: 26-Aug-2011 13:48:30 Calib Date: 02-Aug-2011 16:08:12
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6234.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 26-Aug-2011 15:51:58

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	--------	--------	----------	-----------------	-------------	-------	-------

5 PCB-1221

1	1	2.251
1	2	2.946
1	3	3.114
1	4	3.161
1	5	4.370
2	6	2.514
2	7	2.942
2	8	3.440
2	9	3.632
2	10	3.717

7 PCB-1232

1	1	2.943
1	2	3.158
1	3	3.584
1	4	4.368
1	5	4.454
2	6	2.511
2	7	3.715
2	8	4.290
2	9	5.177
2	10	5.901

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1		3.159						
1	2		3.584						
1	3		4.368						
1	4		4.937						
1	5		5.488						
2	6		3.715						
2	7		4.289						
2	8		5.174						
2	9		5.605						
2	10		5.899						
10 PCB-1242									
1	1		3.163						
1	2		3.588						
1	3		4.455						
1	4		5.118						
1	5		5.593						
2	6		3.717						
2	7		4.291						
2	8		5.176						
2	9		6.569						
2	10		6.951						
6 PCB-1248									
1	1		3.585						
1	2		4.191						
1	3		5.058						
1	4		5.591						
1	5		6.474						
2	6		4.291						
2	7		5.173						
2	8		5.900						
2	9		6.568						
2	10		6.953						
9 PCB-1254									
1	1		5.552						
1	2		6.290						
1	3		6.475						
1	4		6.923						
1	5		7.798						
2	6		6.565						
2	7		6.879						
2	8		7.773						
2	9		8.288						
2	10		9.243						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	--------	--------	----------	-----------------	-------------	-------	-------

11 PCB-1260

1	1	6.766	6.764	0.002	6654175	52.0		100.0	
1	2	7.252	7.251	0.001	10469052	53.7	121.7- 181.7	157.3	
1	3	7.488	7.487	0.001	5186034	73.9	30.4- 90.4	77.9	
1	4	7.796	7.795	0.001	14500792	79.5	129.9- 189.9	217.9	
1	5	8.554	8.552	0.002	7975181	70.5	58.4- 118.4	119.9	
Average of Peak Amounts =						65.9			
2	6	7.848	7.847	0.001	1435862	30.0		100.0	
2	7	8.213	8.212	0.001	3273520	34.5	165.6- 225.6	228.0	
2	8	8.648	8.646	0.002	4794879	45.4	198.9- 258.9	333.9	
2	9	9.374	9.374	0.000	2345966	30.5	137.4- 197.4	163.4	
2	10	9.766	9.767	-0.001	2249361	28.8	151.4- 211.4	156.7	
Average of Peak Amounts =						33.9			

RPD = 64.28

\$ 3 Dibutylchloroendate

1	1	9.564	9.562	0.002	52587787	26.9			
2	2	10.280	10.281	-0.001	29759990	34.4			

RPD = 24.32

\$ 2 DCB Decachlorobiphenyl

1	1	10.759	10.761	-0.002	104037001	68.5			
2	2	11.598	11.599	-0.001	80505939	87.4			

RPD = 24.24

Report Date: 26-Aug-2011 15:51:58

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20110826-5447.b\B6629.D

Injection Date: 26-Aug-2011 15:31:55

Limit Group: SGC - 1 - 8082 CAL

Client ID: EB-2

Instrument ID: SGCA

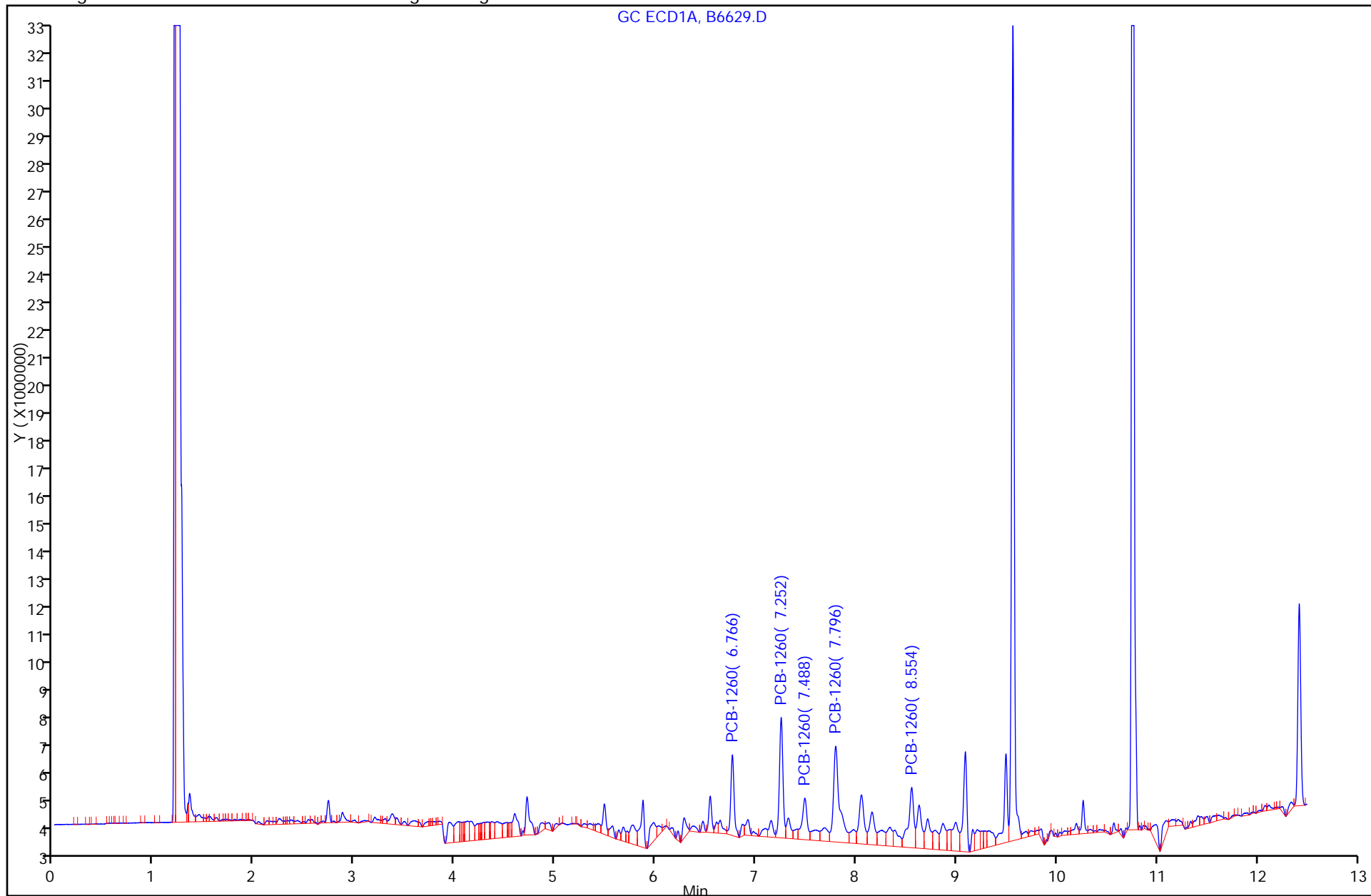
Lims Batch ID: 85696

Lims Sample ID: 23

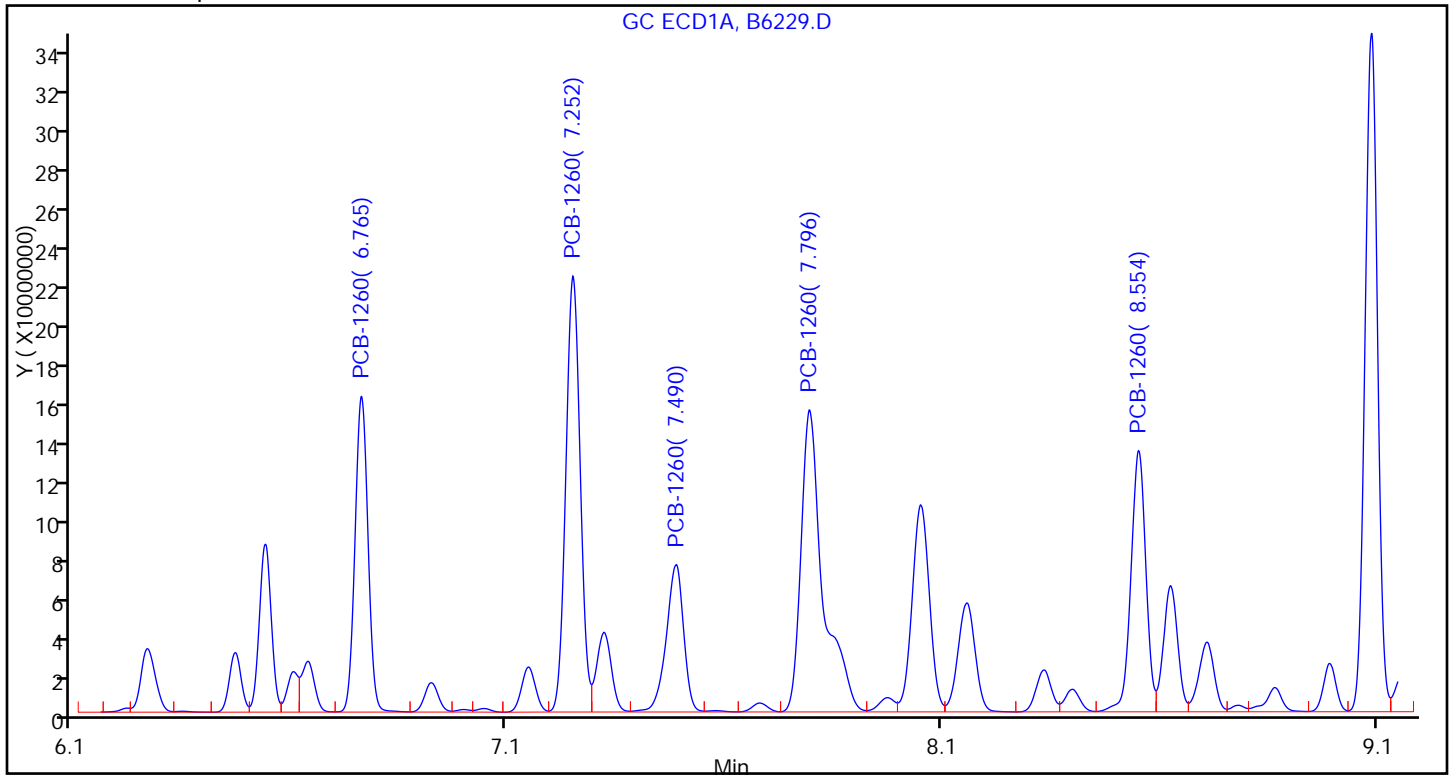
Operator ID:

Injection Vol: 1.00 ul

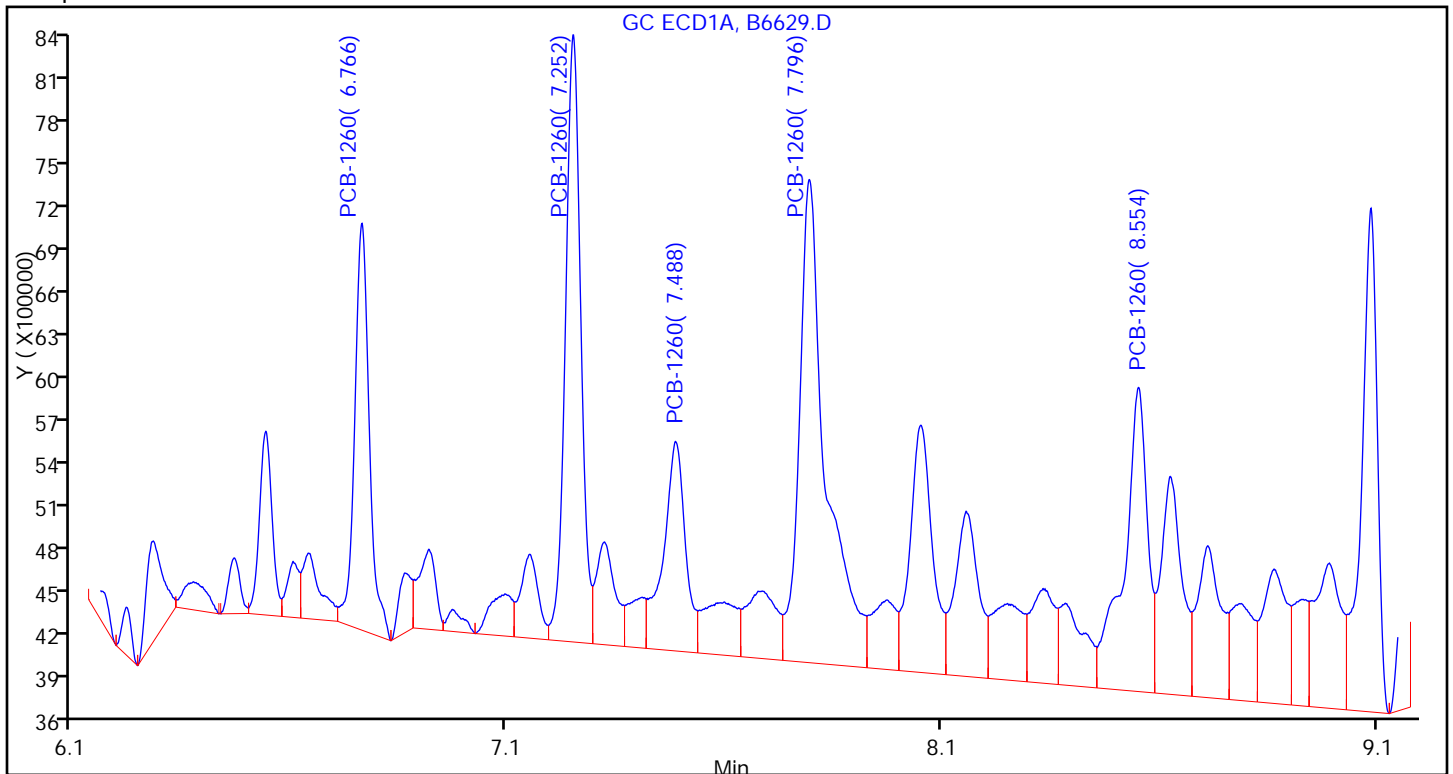
Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Calibration Sample, Level: 9



Sample



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1
 SDG No.: _____
 Client Sample ID: EB-3 Lab Sample ID: 510-69171-3
 Matrix: Solid Lab File ID: B6628.D
 Analysis Method: 8082 Date Collected: 08/23/2011 00:00
 Extraction Method: 3541 Date Extracted: 08/25/2011 08:34
 Sample wt/vol: 15.51(g) Date Analyzed: 08/26/2011 15:16
 Con. Extract Vol.: 5(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)
 % Moisture: 12.9 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 85696 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<0.022		0.022	0.0025
11104-28-2	PCB-1221	<0.022		0.022	0.0067
11141-16-5	PCB-1232	<0.022		0.022	0.0054
53469-21-9	PCB-1242	<0.022		0.022	0.0042
12672-29-6	PCB-1248	<0.022		0.022	0.0038
11097-69-1	PCB-1254	<0.022		0.022	0.0036
11096-82-5	PCB-1260	<0.022		0.022	0.0018

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	85		14-147
1770-80-5	Dibutylchloredate	40		10-132

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110826-5447.b\B6628.D
 Lims ID: 510-69171-A-3-A Client ID: EB-3
 Inject. Date: 26-Aug-2011 15:16:31 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 510-69171-a-3-a
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 20
 Lims Batch ID: 85696 Lims Sample ID: 22
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20110826-5447.b\PCBS.m
 Last Update: 26-Aug-2011 13:48:30 Calib Date: 02-Aug-2011 16:08:12
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6234.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 26-Aug-2011 15:35:09

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	--------	--------	----------	-----------------	-------------	-------	-------

5 PCB-1221

1	1	2.251
1	2	2.946
1	3	3.114
1	4	3.161
1	5	4.370
2	6	2.514
2	7	2.942
2	8	3.440
2	9	3.632
2	10	3.717

7 PCB-1232

1	1	2.943
1	2	3.158
1	3	3.584
1	4	4.368
1	5	4.454
2	6	2.511
2	7	3.715
2	8	4.290
2	9	5.177
2	10	5.901

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1		3.159						
1	2		3.584						
1	3		4.368						
1	4		4.937						
1	5		5.488						
2	6		3.715						
2	7		4.289						
2	8		5.174						
2	9		5.605						
2	10		5.899						
10 PCB-1242									
1	1		3.163						
1	2		3.588						
1	3		4.455						
1	4		5.118						
1	5		5.593						
2	6		3.717						
2	7		4.291						
2	8		5.176						
2	9		6.569						
2	10		6.951						
6 PCB-1248									
1	1		3.585						
1	2		4.191						
1	3		5.058						
1	4		5.591						
1	5		6.474						
2	6		4.291						
2	7		5.173						
2	8		5.900						
2	9		6.568						
2	10		6.953						
9 PCB-1254									
1	1		5.552						
1	2		6.290						
1	3		6.475						
1	4		6.923						
1	5		7.798						
2	6		6.565						
2	7		6.879						
2	8		7.773						
2	9		8.288						
2	10		9.243						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	--------	--------	----------	-----------------	-------------	-------	-------

11 PCB-1260

1	1	6.764
1	2	7.251
1	3	7.487
1	4	7.795
1	5	8.552
2	6	7.847
2	7	8.212
2	8	8.646
2	9	9.374
2	10	9.767

\$ 3 Dibutylchlorendate

1	1	9.563	9.562	0.001	77918770	39.8
2	2	10.282	10.281	0.001	47255128	55.7
						RPD = 33.24

\$ 2 DCB Decachlorobiphenyl

1	1	10.761	10.761	0.000	129684627	84.6
2	2	11.598	11.599	-0.001	78148928	84.9
						RPD = 0.28

Report Date: 26-Aug-2011 15:35:15

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20110826-5447.b\B6628.D

Injection Date: 26-Aug-2011 15:16:31

Limit Group: SGC - 1 - 8082 CAL

Client ID: EB-3

Instrument ID: SGCA

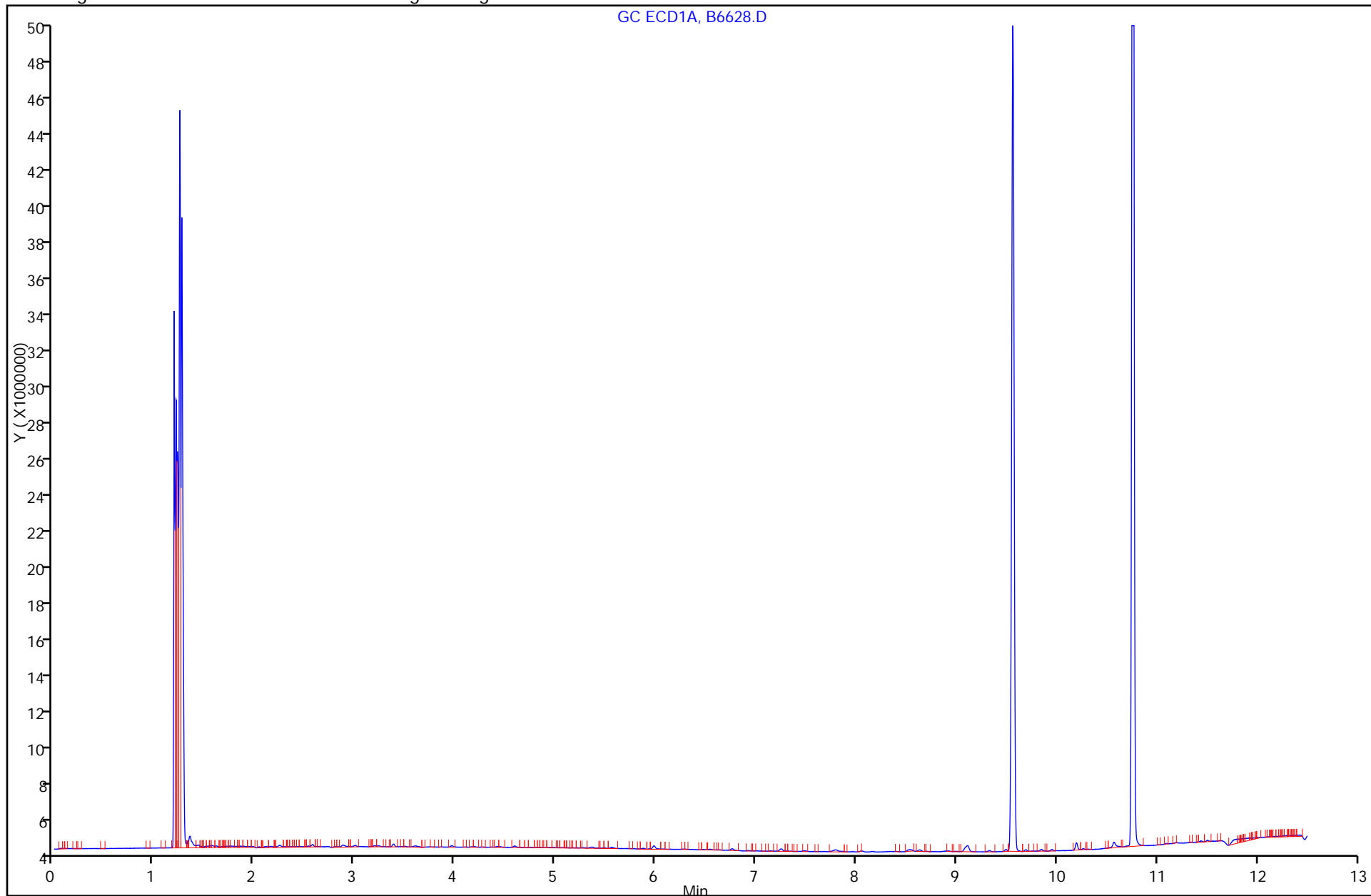
Lims Batch ID: 85696

Lims Sample ID: 22

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1 Analy Batch No.: 84442

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 12:50 Calibration End Date: 08/02/2011 14:51 Calibration ID: 4160

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD20 510-84442/1	B6221.D
Level 2	STD50 510-84442/2	B6222.D
Level 3	STD100 510-84442/3	B6223.D
Level 4	STD250 510-84442/4	B6224.D
Level 5	STD500 510-84442/5	B6225.D
Level 6	STD1000 510-84442/6	B6226.D
Level 7	STD1500 510-84442/7	B6227.D
Level 8	STD2000 510-84442/8	B6228.D
Level 9	STD3000 510-84442/9	B6229.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7	LVL 8	LVL 9	RT WINDOW	AVG RT
PCB-1016 Peak 1	3.158	3.157	3.158	3.159	3.158	3.160	3.156	3.158	3.157	3.058 - 3.258	3.158
PCB-1016 Peak 2	3.585	3.583	3.584	3.584	3.583	3.585	3.582	3.585	3.582	3.484 - 3.684	3.584
PCB-1016 Peak 3	4.368	4.366	4.367	4.367	4.366	4.367	4.365	4.368	4.366	4.267 - 4.467	4.367
PCB-1016 Peak 4	4.937	4.936	4.937	4.937	4.936	4.936	4.936	4.938	4.936	4.837 - 5.037	4.937
PCB-1016 Peak 5	5.488	5.488	5.488	5.488	5.487	5.488	5.486	5.489	5.487	5.388 - 5.588	5.488
PCB-1260 Peak 1	6.767	6.766	6.767	6.764	6.765	6.765	6.765	6.767	6.765	6.667 - 6.867	6.766
PCB-1260 Peak 2	7.255	7.251	7.254	7.253	7.252	7.253	7.253	7.255	7.252	7.154 - 7.354	7.253
PCB-1260 Peak 3	7.491	7.487	7.492	7.489	7.488	7.490	7.489	7.491	7.490	7.392 - 7.592	7.490
PCB-1260 Peak 4	+++++	7.797	7.800	7.796	7.798	7.797	7.798	7.800	7.796	7.700 - 7.900	7.798
PCB-1260 Peak 5	+++++	8.556	8.557	8.554	8.554	8.555	8.556	8.557	8.554	8.457 - 8.657	8.555
Dibutylchloroendate			9.565	9.564	9.565	9.565	9.563			9.465 - 9.665	9.564
DCB Decachlorobiphenyl			10.765	10.764	10.763	10.764	10.764			10.665 - 10.865	10.764

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1 Analy Batch No.: 84442

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 12:50 Calibration End Date: 08/02/2011 14:51 Calibration ID: 4160

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD20 510-84442/1	B6221.D
Level 2	STD50 510-84442/2	B6222.D
Level 3	STD100 510-84442/3	B6223.D
Level 4	STD250 510-84442/4	B6224.D
Level 5	STD500 510-84442/5	B6225.D
Level 6	STD1000 510-84442/6	B6226.D
Level 7	STD1500 510-84442/7	B6227.D
Level 8	STD2000 510-84442/8	B6228.D
Level 9	STD3000 510-84442/9	B6229.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 9	LVL 2 LVL 6	LVL 3 LVL 7	LVL 4 LVL 8		B	M1	M2								
PCB-1016 Peak 1	67398 45041 43545	51136 49785	53132 43929	46939 43564	Qua2	404074.690	46389.8100	-1.0452050						0.9970		0.9950
PCB-1016 Peak 2	127078 93564 93005	103509 106161	110086 93150	98141 92533	Qua2	549184.403	98404.7106	-2.0211358						0.9970		0.9950
PCB-1016 Peak 3	108494 76587 77762	85341 87039	89967 77316	81507 76663	Qua2	541905.208	80044.5422	-0.9124190						0.9970		0.9950
PCB-1016 Peak 4	80775 58607 59846	64327 66880	68864 59624	62410 59342	Qua2	363692.127	61508.1389	-0.6039721						0.9970		0.9950
PCB-1016 Peak 5	57220 36899 37884	41219 42332	43702 37940	39562 37584	Qua2	360438.926	38010.5780	0.04125914						0.9960		0.9950
PCB-1260 Peak 1	162187 109594 109268	113522 120064	124299 108986	115175 107968	Qua2	957985.193	109492.115	0.10111672						0.9950		0.9950
PCB-1260 Peak 2	253085 165081 167379	174629 182131	189598 166405	173240 165153	Qua2	1627789.87	164592.280	1.34346938						0.9950		0.9950
PCB-1260 Peak 3	87145 65045 68412	63333 72480	71588 66733	68340 66597	Qua2	383712.408	64909.4452	1.36926742						0.9950		0.9950

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1 Analy Batch No.: 84442

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 12:50 Calibration End Date: 08/02/2011 14:51 Calibration ID: 4160

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 5 LVL 9	LVL 2 LVL 6	LVL 3 LVL 7	LVL 4 LVL 8		B	M1	M2								
PCB-1260 Peak 4	++++ 172840 176510	176124 191935	194853 174969	181177 173513	Qua2	-199637.74	185200.545	-3.8092484						0.9970		0.9950
PCB-1260 Peak 5	++++ 101338 104232	112162 106157	116586 104138	115385 102326	Qua2	317714.295	108785.868	-2.4041372						0.9980		0.9950
Dibutylchloroendate	1958631	2371671	2227882 2288276	2086318	Qua2	6000138.18	1569148.90	5951.38800						0.9960		0.9950
DCB Decachlorobiphenyl	1498483	1626014	1876653 1535617	1507791	Qua2	5400473.47	1318283.36	1774.51948						0.9990		0.9950

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 Valparaiso Job No.: 510-69171-1 Analy Batch No.: 84442

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 12:50 Calibration End Date: 08/02/2011 14:51 Calibration ID: 4160

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD20 510-84442/1	B6221.D
Level 2	STD50 510-84442/2	B6222.D
Level 3	STD100 510-84442/3	B6223.D
Level 4	STD250 510-84442/4	B6224.D
Level 5	STD500 510-84442/5	B6225.D
Level 6	STD1000 510-84442/6	B6226.D
Level 7	STD1500 510-84442/7	B6227.D
Level 8	STD2000 510-84442/8	B6228.D
Level 9	STD3000 510-84442/9	B6229.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
		LVL 6	LVL 7	LVL 8	LVL 9		LVL 6	LVL 7	LVL 8	LVL 9	
PCB-1016 Peak 1	Qua2	1347953 49785163	2556805 65893590	5313155 87127985	11734800 130634342	22520389	20.0 1000	50.0 1500	100 2000	250 3000	500
PCB-1016 Peak 2	Qua2	2541555 106161100	5175454 139724436	11008635 185065753	24535318 279014805	46782132	20.0 1000	50.0 1500	100 2000	250 3000	500
PCB-1016 Peak 3	Qua2	2169889 87039021	4267073 115973355	8996745 153326977	20376708 233285267	38293448	20.0 1000	50.0 1500	100 2000	250 3000	500
PCB-1016 Peak 4	Qua2	1615500 66880167	3216372 89435645	6886403 118683229	15602522 179537536	29303305	20.0 1000	50.0 1500	100 2000	250 3000	500
PCB-1016 Peak 5	Qua2	1144399 42332166	2060931 56910170	4370238 75167182	9890433 113651924	18449461	20.0 1000	50.0 1500	100 2000	250 3000	500
PCB-1260 Peak 1	Qua2	3243748 120063646	5676076 163479497	12429910 215935473	28793814 327802553	54796812	20.0 1000	50.0 1500	100 2000	250 3000	500
PCB-1260 Peak 2	Qua2	5061699 182130892	8731458 249608115	18959811 330306772	43310093 502136376	82540431	20.0 1000	50.0 1500	100 2000	250 3000	500
PCB-1260 Peak 3	Qua2	1742907 72480172	3166625 100099370	7158766 133194773	17084881 205237153	32522448	20.0 1000	50.0 1500	100 2000	250 3000	500
PCB-1260 Peak 4	Qua2	++++ 191934596	8806195 262453046	19485346 347025876	45294337 529529939	86419852	++++ 1000	50.0 1500	100 2000	250 3000	500
PCB-1260 Peak 5	Qua2	++++ 106156642	5608109 156207028	11658578 204652582	28846369 312696264	50668857	++++ 1000	50.0 1500	100 2000	250 3000	500
Dibutylchloroendate	Qua2	237167116	274593155	22278816	125179105	156690479	100	120	10.0	60.0	80.0
DCB Decachlorobiphenyl	Qua2	162601408	184274086	18766532	90467484	119878624	100	120	10.0	60.0	80.0

Curve Type Legend:

Qua2 = Quadratic 1/conc^2

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6221.D
 Lims ID: std20 Client ID:
 Inject. Date: 02-Aug-2011 12:50:01 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 1
 Sample ID: std20
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 1
 Lims Batch ID: 84442 Lims Sample ID: 1
 Sublist: chrom-PCBS*sub1
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20110802-5309.b\PCBS.m
 Last Update: 02-Aug-2011 18:54:52 Calib Date: 02-Aug-2011 16:08:12
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6234.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 02-Aug-2011 17:03:48

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									M
1	1	3.158	3.159	-0.001	1347953	20.4		100.0	
1	2	3.585	3.585	0.000	2541555	20.3	183.2- 243.2	188.5	
1	3	4.368	4.368	0.000	2169889	20.3	144.8- 204.8	161.0	
1	4	4.937	4.938	-0.001	1615500	20.4	104.3- 164.3	119.8	
1	5	5.488	5.490	-0.002	1144399	20.6	55.0- 115.0	84.9	
Average of Peak Amounts =						20.4			
2	6	3.715	3.717	-0.002	1038413	27.9		100.0	M
2	7	4.291	4.292	-0.001	1886021	20.3	186.4- 246.4	181.6	
2	8	5.177	5.177	0.000	1547017	20.4	138.3- 198.3	149.0	M
2	9	5.608	5.609	-0.001	664817	20.3	45.3- 105.3	64.0	M
2	10	5.900	5.902	-0.002	1249217	20.5	106.3- 166.3	120.3	
Average of Peak Amounts =						21.9			
						RPD = 7.09			
11 PCB-1260									M
1	1	6.767	6.767	0.000	3243748	20.9		100.0	
1	2	7.255	7.255	0.000	5061699	20.9	121.7- 181.7	156.0	
1	3	7.491	7.492	-0.001	1742907	20.9	30.4- 90.4	53.7	M
1	4	7.800	7.799	0.001	5099664	28.6	129.9- 189.9	157.2	M
1	5	8.552	8.555	-0.003	4570144	39.1	58.4- 118.4	140.9	M
Average of Peak Amounts =						26.1			
2	6	7.854	7.852	0.002	1113636	20.6		100.0	
2	7	8.219	8.218	0.001	2299499	20.3	165.6- 225.6	206.5	
2	8	8.652	8.652	0.000	2757993	20.7	198.9- 258.9	247.7	
2	9	9.379	9.378	0.001	1760471	20.6	137.4- 197.4	158.1	
2	10	9.772	9.772	0.000	1621971	19.8	151.4- 211.4	145.6	
Average of Peak Amounts =						20.4			
						RPD = 24.49			

QC Flag Legend

Review Flags

M - Manually Integrated

Report Date: 02-Aug-2011 18:54:52

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6221.D

Injection Date: 02-Aug-2011 12:50:01

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

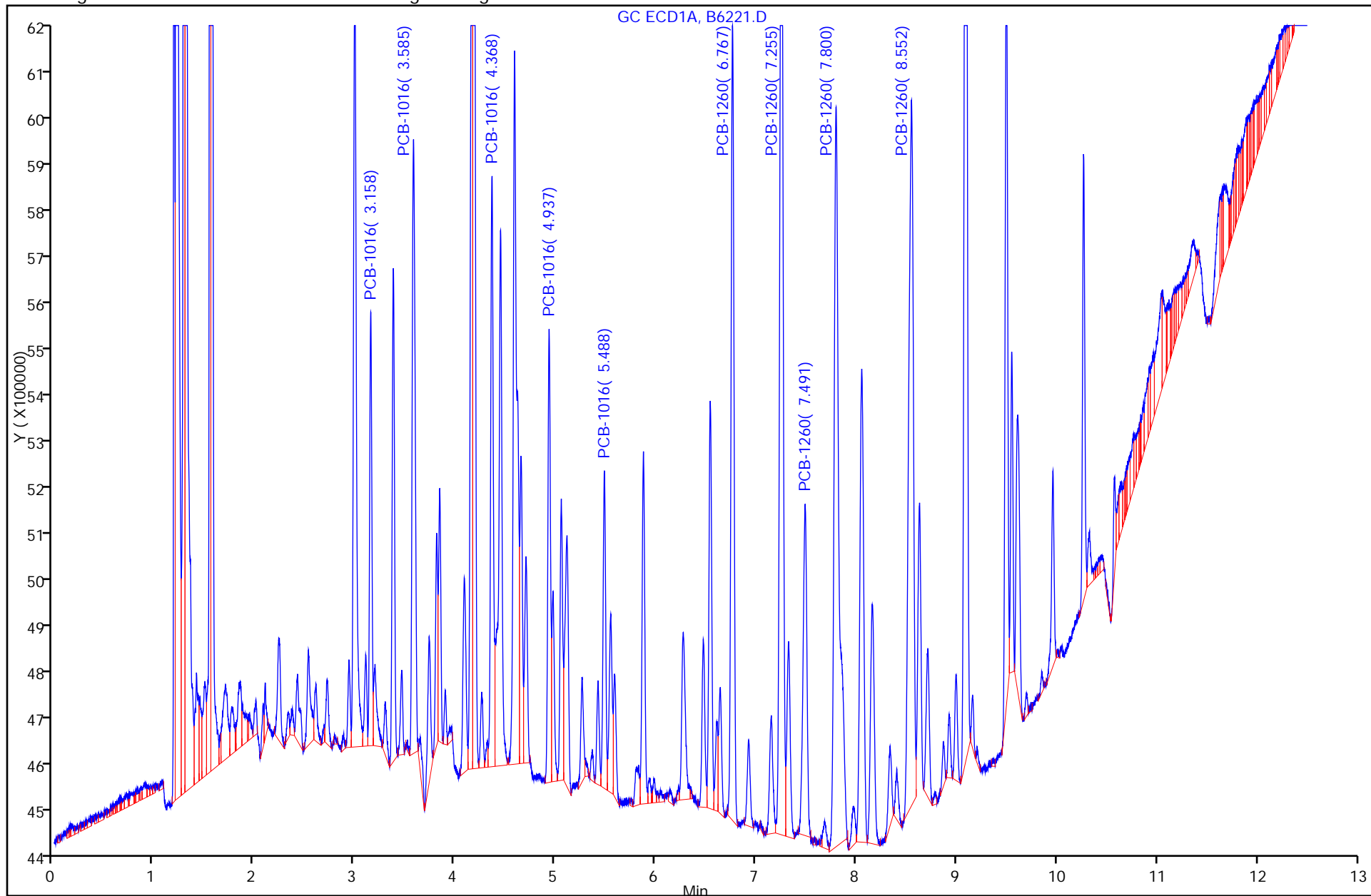
Lims Batch ID: 84442

Lims Sample ID: 1

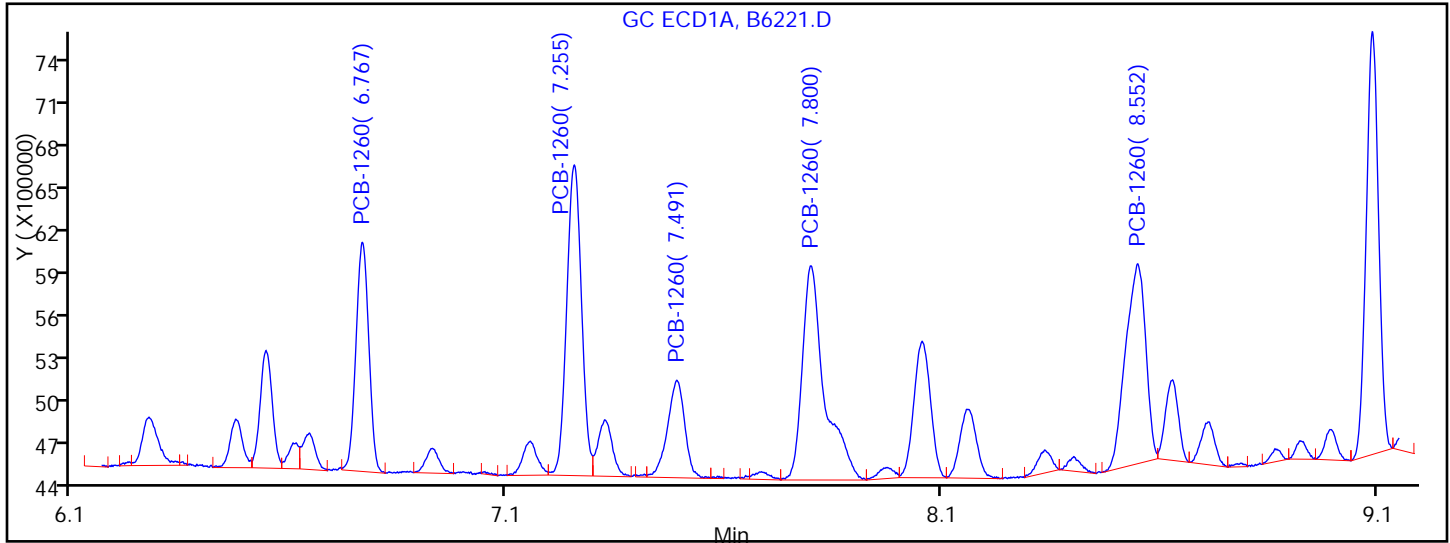
Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2

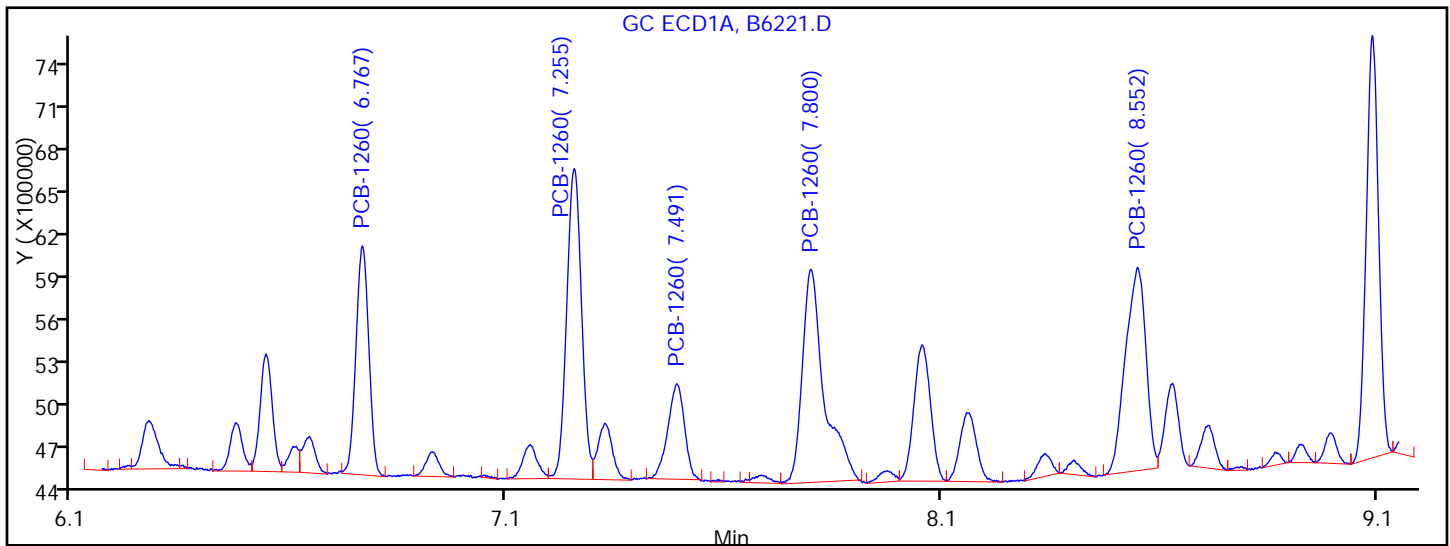


11 PCB-1260, Detector: 1, GC ECD1A



Processing Integration Results

RT = 6.767	Response = 3243748	
RT = 7.255	Response = 5061699	
RT = 7.491	Response = 1851681	M
RT = 7.800	Response = 5218534	M
RT = 8.552	Response = 4430276	M



Manual Integration Results

RT = 6.767	Response = 3243748	
RT = 7.255	Response = 5061699	
RT = 7.491	Response = 1742907	M
RT = 7.800	Response = 5099664	M
RT = 8.552	Response = 4570144	M

Reviewer: iversc, 02-Aug-2011 17:03:48

Audit Action: Manually Integrated

Audit Reason: Baseline Smoothing

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6222.D
 Lims ID: std50 Client ID:
 Inject. Date: 02-Aug-2011 13:05:02 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 2
 Sample ID: std50
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 2
 Lims Batch ID: 84442 Lims Sample ID: 2
 Sublist: chrom-PCBS*sub1
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20110802-5309.b\PCBS.m
 Last Update: 02-Aug-2011 18:54:58 Calib Date: 02-Aug-2011 16:08:12
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6234.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

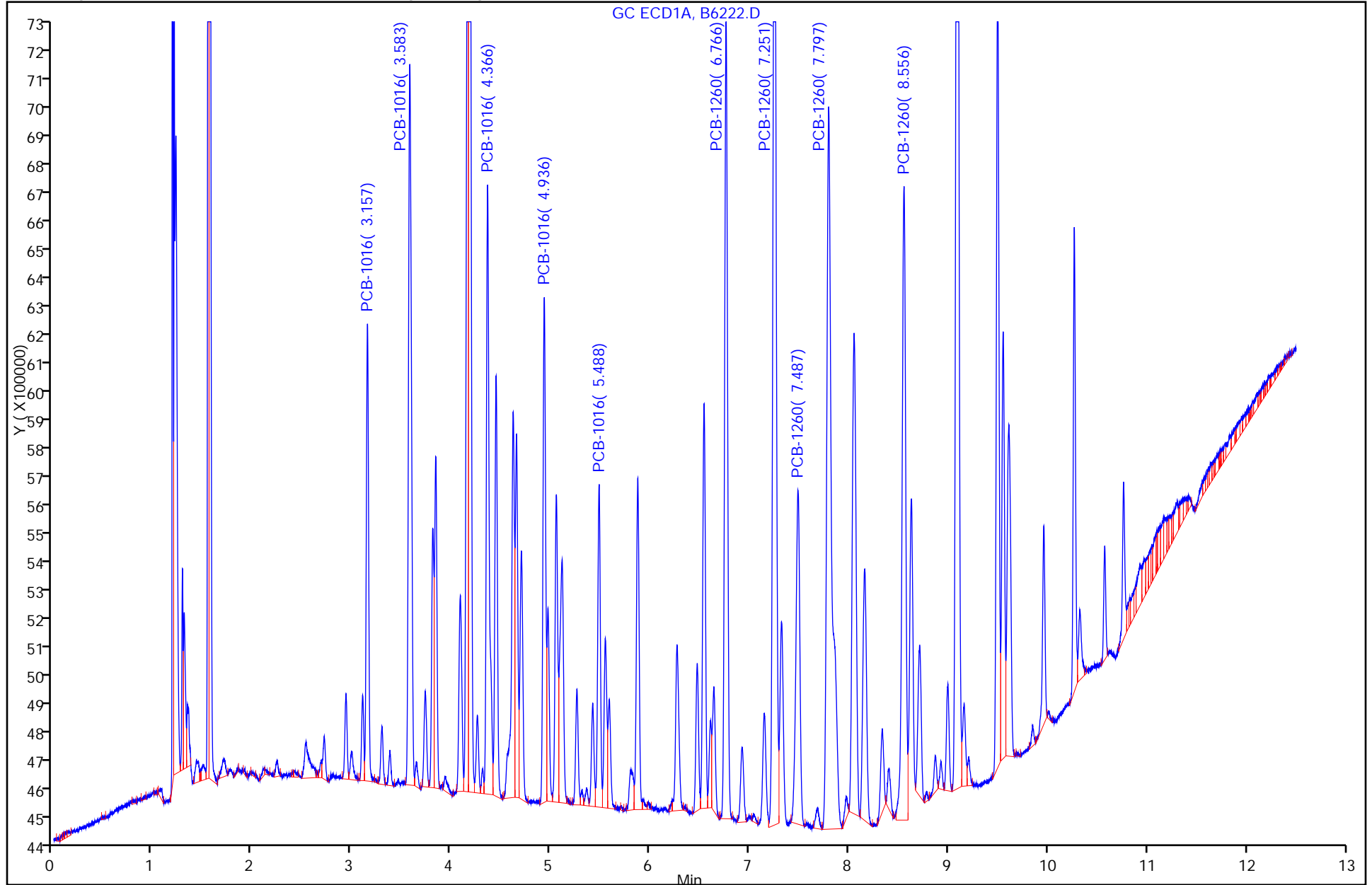
First Level Reviewer: iversc Date: 02-Aug-2011 16:58:18

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									M
1	1	3.157	3.159	-0.002	2556805	46.5		100.0	
1	2	3.583	3.585	-0.002	5175454	47.1	183.2- 243.2	202.4	
1	3	4.366	4.368	-0.002	4267073	46.6	144.8- 204.8	166.9	
1	4	4.936	4.938	-0.002	3216372	46.4	104.3- 164.3	125.8	
1	5	5.488	5.490	-0.002	2060931	44.7	55.0- 115.0	80.6	
Average of Peak Amounts =						46.2			
2	6	3.716	3.717	-0.001	1593437	48.1		100.0	M
2	7	4.291	4.292	-0.001	3382472	46.1	186.4- 246.4	212.3	
2	8	5.176	5.177	-0.001	2676475	45.6	138.3- 198.3	168.0	
2	9	5.608	5.609	-0.001	1200792	45.8	45.3- 105.3	75.4	M
2	10	5.901	5.902	-0.001	2122278	44.7	106.3- 166.3	133.2	M
Average of Peak Amounts =						46.1			
						RPD = 0.41			
11 PCB-1260									M
1	1	6.766	6.767	-0.001	5676076	43.1		100.0	
1	2	7.251	7.255	-0.004	8731458	43.1	121.7- 181.7	153.8	M
1	3	7.487	7.492	-0.005	3166625	42.8	30.4- 90.4	55.8	
1	4	7.797	7.799	-0.002	8806195	48.7	129.9- 189.9	155.1	
1	5	8.556	8.555	0.001	5608109	48.7	58.4- 118.4	98.8	M
Average of Peak Amounts =						45.3			
2	6	7.854	7.852	0.002	1965728	45.6		100.0	M
2	7	8.218	8.218	0.000	4171275	47.5	165.6- 225.6	212.2	M
2	8	8.651	8.652	-0.001	4668810	43.9	198.9- 258.9	237.5	
2	9	9.378	9.378	0.000	3190802	44.9	137.4- 197.4	162.3	
2	10	9.771	9.772	-0.001	3677989	49.3	151.4- 211.4	187.1	
Average of Peak Amounts =						46.2			
						RPD = 2.09			

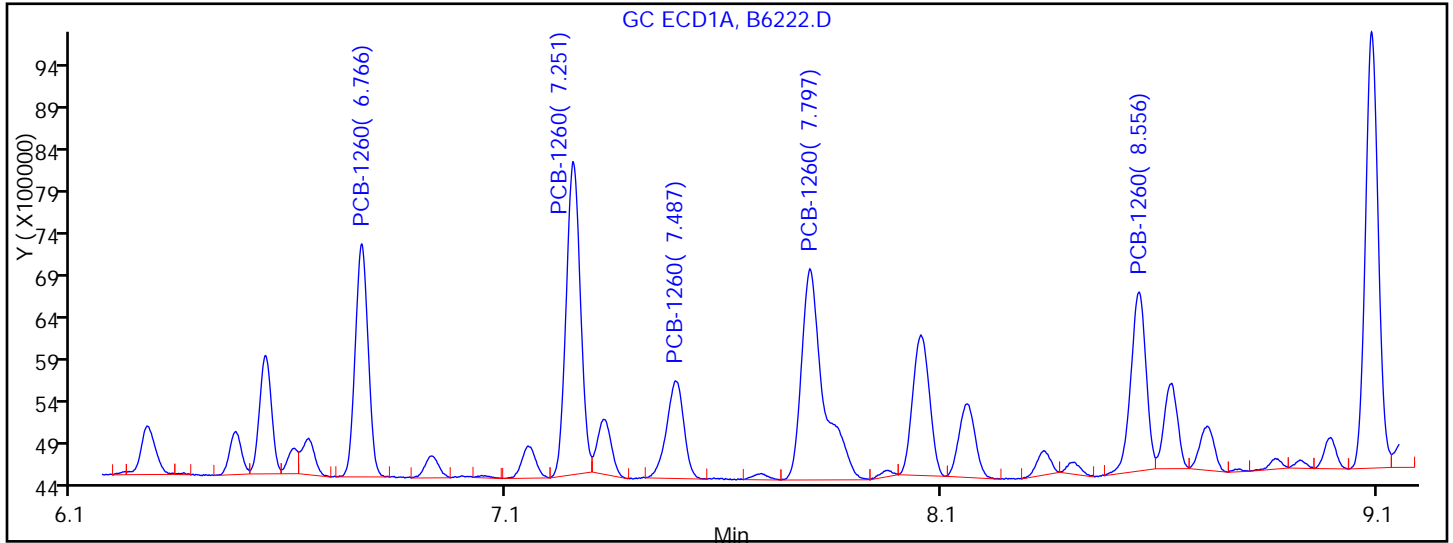
QC Flag Legend

Review Flags

M - Manually Integrated

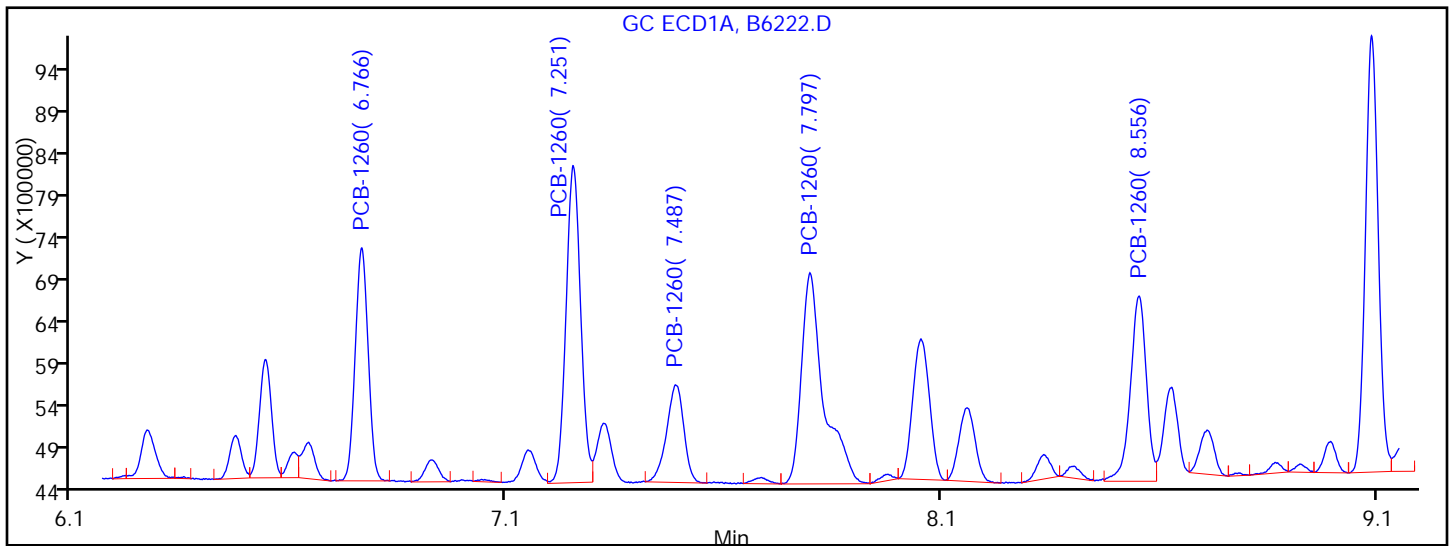


11 PCB-1260, Detector: 1, GC ECD1A



Processing Integration Results

RT = 6.766	Response = 5676076	
RT = 7.251	Response = 8436411	M
RT = 7.487	Response = 3166625	
RT = 7.797	Response = 8806195	
RT = 8.556	Response = 5152373	M



Manual Integration Results

RT = 6.766	Response = 5676076	
RT = 7.251	Response = 8731458	M
RT = 7.487	Response = 3166625	
RT = 7.797	Response = 8806195	
RT = 8.556	Response = 5608109	M

Reviewer: iversc, 02-Aug-2011 16:58:18

Audit Action: Manually Integrated

Audit Reason: Baseline Smoothing

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6223.D
 Lims ID: std100 Client ID:
 Inject. Date: 02-Aug-2011 13:20:26 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 3
 Sample ID: std100
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 3
 Lims Batch ID: 84442 Lims Sample ID: 3
 Sublist: chrom-PCBS*sub1
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20110802-5309.b\PCBS.m
 Last Update: 02-Aug-2011 16:42:29 Calib Date: 02-Aug-2011 16:08:12
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6234.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 02-Aug-2011 16:42:29

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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4 PCB-1016

1	1	3.158	3.158	0.000	5313155	106.1		100.0	
1	2	3.584	3.584	0.000	11008635	106.5	183.2- 243.2	207.2	
1	3	4.367	4.367	0.000	8996745	105.8	144.8- 204.8	169.3	
1	4	4.937	4.937	0.000	6886403	106.2	104.3- 164.3	129.6	
1	5	5.488	5.488	0.000	4370238	105.5	55.0- 115.0	82.3	
Average of Peak Amounts =						106.0			
2	6	3.716	3.716	0.000	3269268	109.1		100.0	
2	7	4.291	4.291	0.000	6976753	108.3	186.4- 246.4	213.4	
2	8	5.176	5.176	0.000	5475464	82.8	138.3- 198.3	167.5	
2	9	5.609	5.609	0.000	2541576	83.8	48.7- 108.7	77.7	
2	10	5.902	5.902	0.000	4416264	112.3	106.3- 166.3	135.1	
Average of Peak Amounts =						99.3			

RPD = 6.56

11 PCB-1260

1	1	6.767	6.767	0.000	12429910	104.8		100.0	
1	2	7.254	7.254	0.000	18959811	104.9	121.7- 181.7	152.5	
1	3	7.492	7.492	0.000	7158766	101.4	30.5- 90.5	57.6	
1	4	7.800	7.800	0.000	19485346	103.2	128.6- 188.6	156.8	
1	5	8.557	8.557	0.000	11658578	98.7	63.7- 123.7	93.8	
Average of Peak Amounts =						102.6			
2	6	7.853	7.853	0.000	3870517	101.7		100.0	
2	7	8.220	8.220	0.000	7884774	101.6	165.6- 225.6	203.7	
2	8	8.652	8.652	0.000	9894314	107.6	198.9- 258.9	255.6	
2	9	9.379	9.379	0.000	6731094	105.0	137.4- 197.4	173.9	
2	10	9.771	9.771	0.000	7744560	108.0	151.4- 211.4	200.1	
Average of Peak Amounts =						104.8			

RPD = 2.11

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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\$ 3 Dibutylchlorendate

1	1	9.565	9.565	0.000	22278816	10.0			
2	2	10.285	10.285	0.000	10685643	10.0			
							RPD = 0.02		

\$ 2 DCB Decachlorobiphenyl

1	1	10.765	10.765	0.000	18766532	10.0			
2	2	11.603	11.603	0.000	11961144	10.0			
							RPD = 0.01		

Report Date: 02-Aug-2011 16:42:29

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6223.D

Injection Date: 02-Aug-2011 13:20:26

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

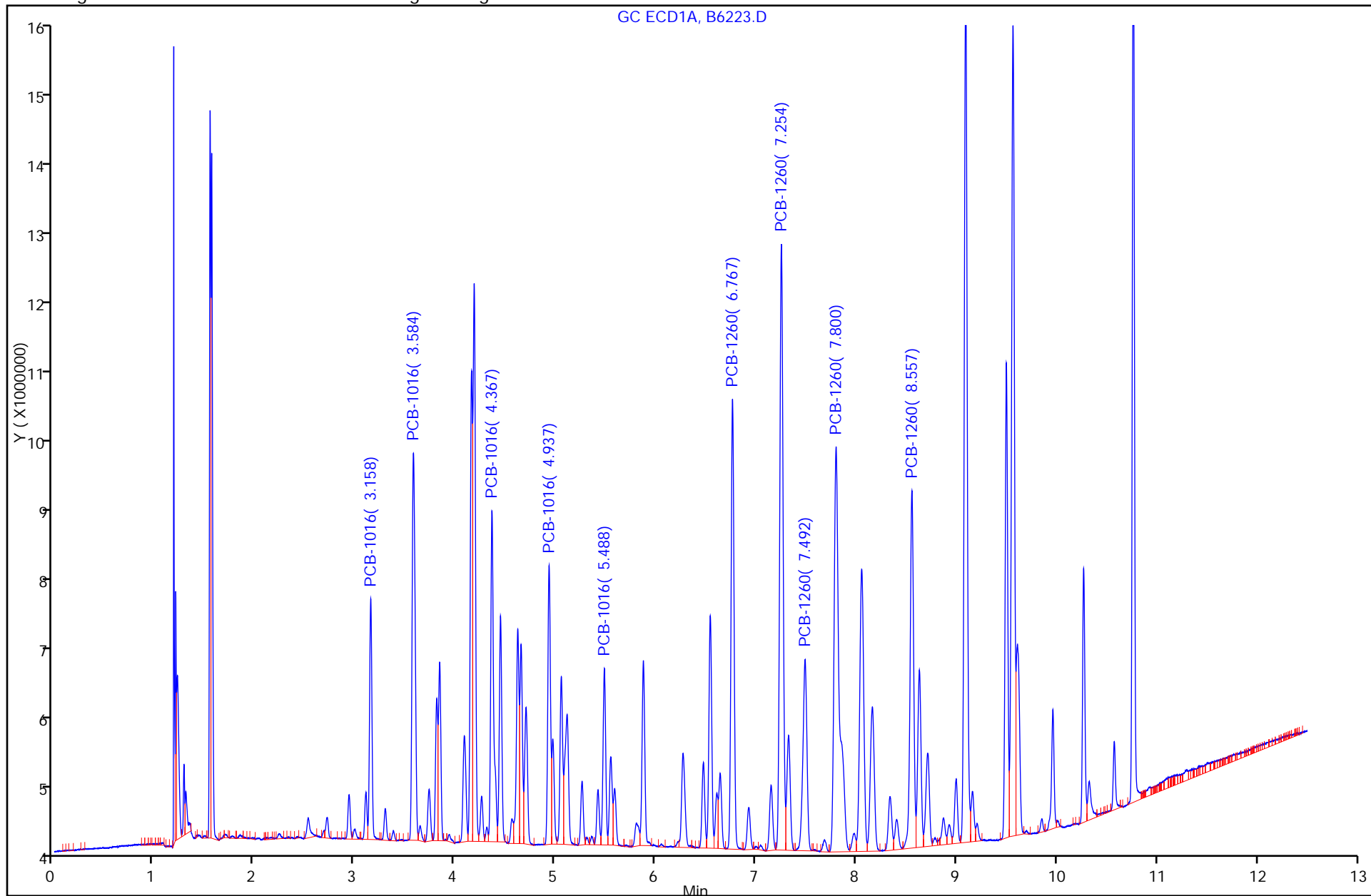
Lims Batch ID: 84442

Lims Sample ID: 3

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6224.D
 Lims ID: std250 Client ID:
 Inject. Date: 02-Aug-2011 13:35:37 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 4
 Sample ID: std250
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 4
 Lims Batch ID: 84442 Lims Sample ID: 4
 Sublist: chrom-PCBS*sub1
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20110802-5309.b\PCBS.m
 Last Update: 02-Aug-2011 17:00:34 Calib Date: 02-Aug-2011 16:08:12
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6234.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 02-Aug-2011 17:00:34

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags	
4 PCB-1016										
1	1	3.159	3.160	-0.001	11734800	245.6		100.0		
1	2	3.584	3.585	-0.001	24535318	245.0	183.2- 243.2	209.1		
1	3	4.367	4.367	0.000	20376708	248.5	144.8- 204.8	173.6		
1	4	4.937	4.936	0.001	15602522	248.4	104.3- 164.3	133.0		
1	5	5.488	5.488	0.000	9890433	250.7	55.0- 115.0	84.3		
		Average of Peak Amounts =				247.6				
2	6	3.716	3.716	0.000	6936444	244.8		100.0		
2	7	4.291	4.291	0.000	14958038	247.8	186.4- 246.4	215.6		
2	8	5.176	5.177	-0.001	11853352	252.5	138.3- 198.3	170.9		
2	9	5.609	5.609	0.000	5628693	258.9	45.3- 105.3	81.1		
2	10	5.900	5.901	-0.001	9636234	255.1	106.3- 166.3	138.9		
		Average of Peak Amounts =				251.8				
						RPD = 1.68				
11 PCB-1260										
1	1	6.764	6.765	-0.001	28793814	254.2		100.0	M	
1	2	7.253	7.251	0.002	43310093	252.7	121.7- 181.7	150.4		
1	3	7.489	7.490	-0.001	17084881	251.2	30.5- 90.5	59.3		
1	4	7.796	7.797	-0.001	45294337	251.6	128.6- 188.6	157.3		
1	5	8.554	8.554	0.000	28846369	259.5	63.7- 123.7	100.2	M	
		Average of Peak Amounts =				253.8				
2	6	7.851	7.851	0.000	9266061	260.8		100.0		
2	7	8.217	8.218	-0.001	18454768	256.5	165.6- 225.6	199.2		
2	8	8.651	8.651	0.000	21933934	255.5	198.9- 258.9	236.7		
2	9	9.378	9.378	0.000	15676449	257.8	137.4- 197.4	169.2		
2	10	9.770	9.770	0.000	17472056	250.3	151.4- 211.4	188.6		
		Average of Peak Amounts =				256.2				
						RPD = 0.92				

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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\$ 3 Dibutylchlorendate

1	1	9.564	9.565	-0.001	125179105	61.6			
2	2	10.285	10.285	0.000	51792783	61.1			
							RPD = 0.83		

\$ 2 DCB Decachlorobiphenyl

1	1	10.764	10.764	0.000	90467484	59.7			
2	2	11.604	11.604	0.000	55209593	59.8			
							RPD = 0.16		

QC Flag Legend

Review Flags

M - Manually Integrated

Report Date: 02-Aug-2011 17:00:34

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6224.D

Injection Date: 02-Aug-2011 13:35:37

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

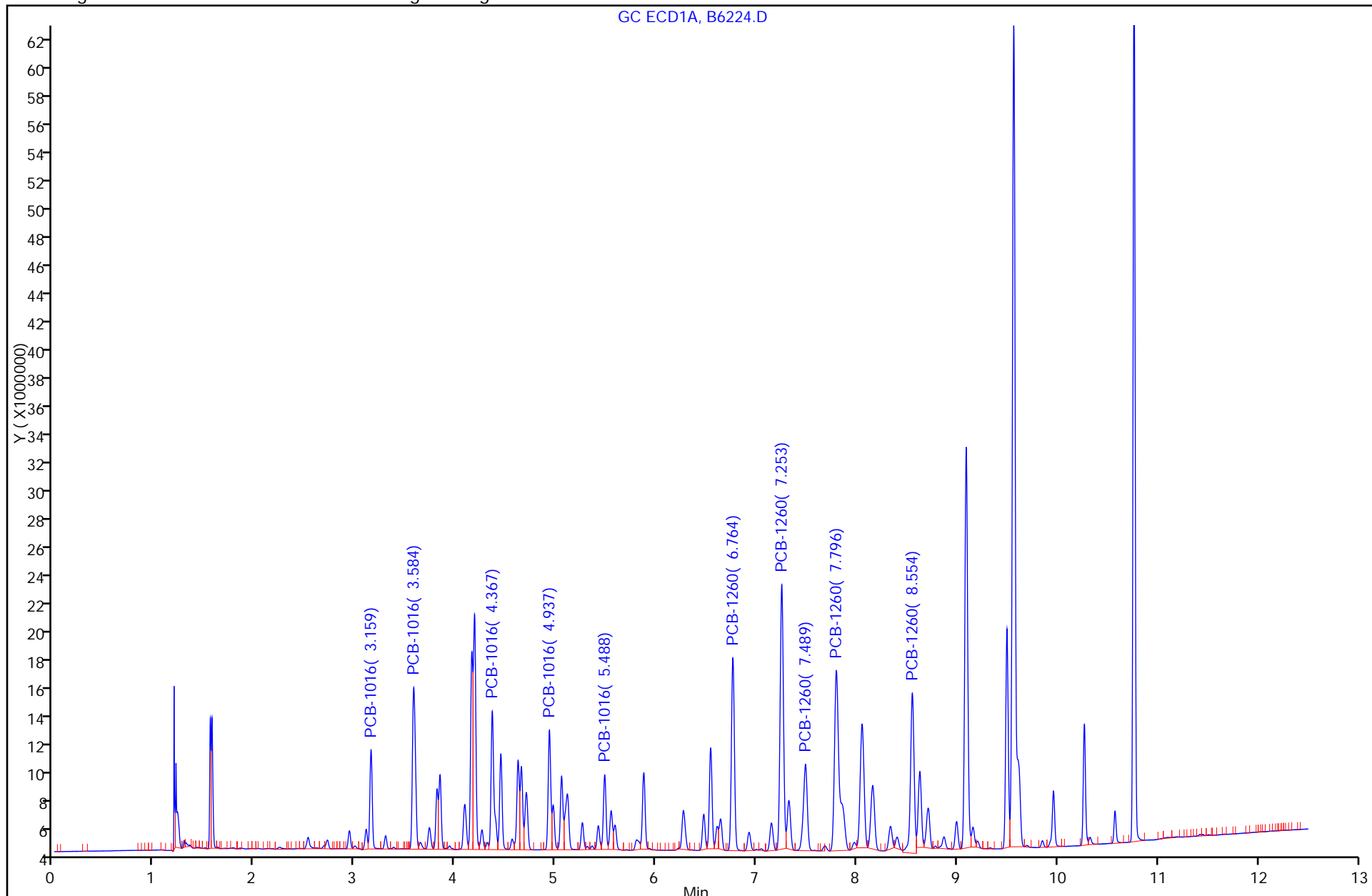
Lims Batch ID: 84442

Lims Sample ID: 4

Operator ID:

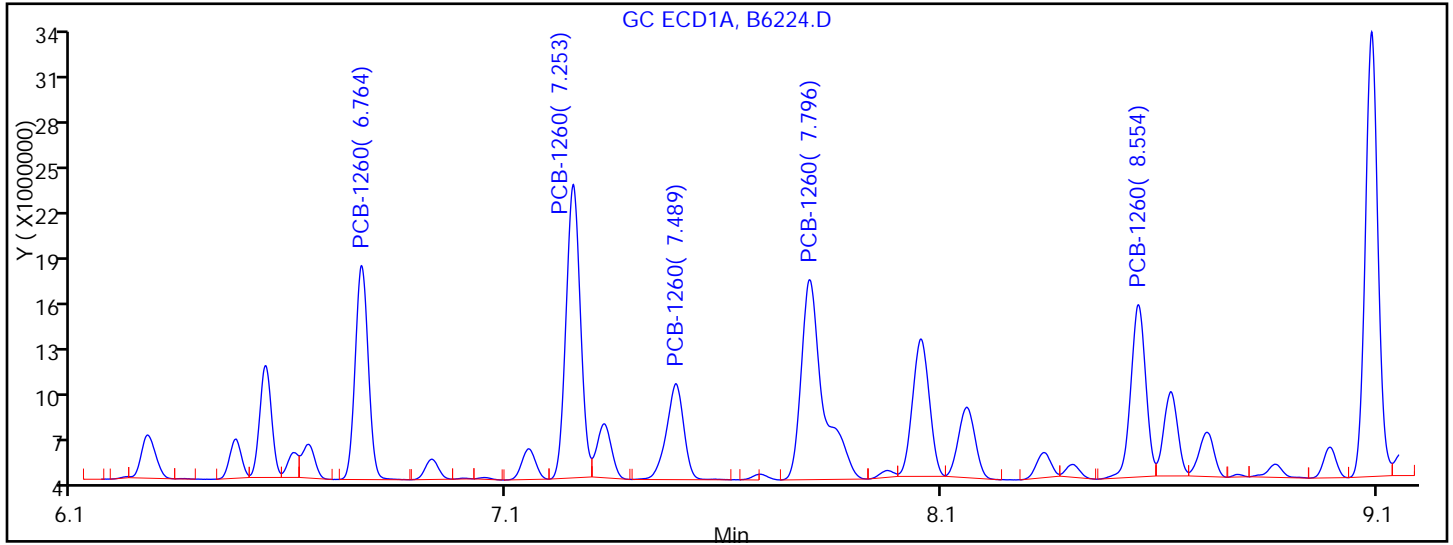
Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Report Date: 02-Aug-2011 17:00:34
Data File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6224.D
Injection Date: 02-Aug-2011 13:35:37
Client ID:
Lims Batch ID: 84442
Operator ID:
11 PCB-1260, Detector: 1, GC ECD1A

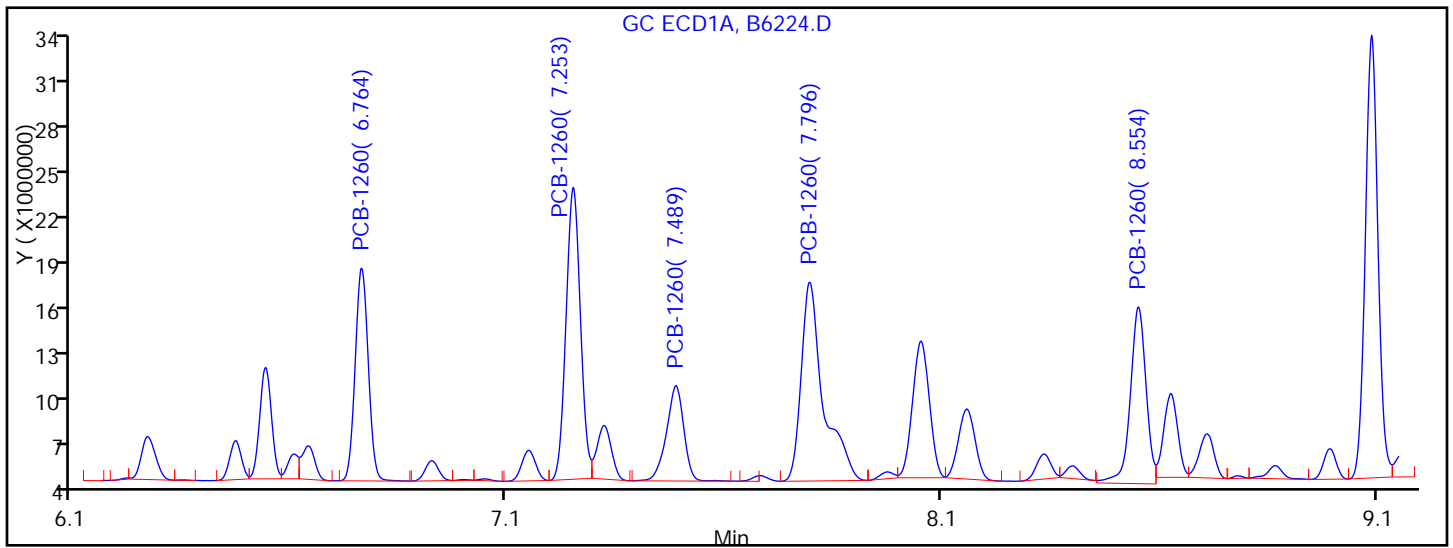
Chrom Revision: 1.2 13-Jul-2011 10:43:06
Limit Group: SGC - 1 - 8082 CAL
Instrument ID: SGCA
Lims Sample ID: 4
Injection Vol: 1.00 ul



Processing Integration Results

RT = 6.764	Response = 28793814
RT = 7.253	Response = 43310093
RT = 7.489	Response = 17084881
RT = 7.796	Response = 45294337
RT = 8.554	Response = 26493869

M



Manual Integration Results

RT = 6.764	Response = 28793814
RT = 7.253	Response = 43310093
RT = 7.489	Response = 17084881
RT = 7.796	Response = 45294337
RT = 8.554	Response = 28846369

M

Reviewer: iversc, 02-Aug-2011 17:00:34
Audit Action: Manually Integrated
Audit Reason: Baseline Smoothing

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6225.D
 Lims ID: std500 Client ID:
 Inject. Date: 02-Aug-2011 13:50:42 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 5
 Sample ID: std500
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 5
 Lims Batch ID: 84442 Lims Sample ID: 5
 Sublist: chrom-PCBS*sub1
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20110802-5309.b\PCBS.m
 Last Update: 02-Aug-2011 16:43:08 Calib Date: 02-Aug-2011 16:08:12
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6234.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 02-Aug-2011 16:43:08

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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4 PCB-1016

1	1	3.158	3.159	-0.001	22520389	482.0		100.0	
1	2	3.583	3.585	-0.002	46782132	474.4	183.2- 243.2	207.7	
1	3	4.366	4.368	-0.002	38293448	474.2	144.8- 204.8	170.0	
1	4	4.936	4.938	-0.002	29303305	472.7	104.3- 164.3	130.1	
1	5	5.487	5.490	-0.003	18449461	475.6	55.0- 115.0	81.9	
Average of Peak Amounts =						475.8			
2	6	3.716	3.717	-0.001	12909667	502.1		100.0	
2	7	4.291	4.292	-0.001	27770080	475.9	186.4- 246.4	215.1	
2	8	5.176	5.177	-0.001	21174580	484.7	138.3- 198.3	164.0	
2	9	5.609	5.609	0.000	9725625	478.2	48.7- 108.7	75.3	
2	10	5.901	5.902	-0.001	17054220	479.7	106.3- 166.3	132.1	
Average of Peak Amounts =						484.1			

RPD = 1.73

11 PCB-1260

1	1	6.765	6.767	-0.002	54796812	491.5		100.0	
1	2	7.252	7.255	-0.003	82540431	488.1	121.7- 181.7	150.6	
1	3	7.488	7.492	-0.004	32522448	484.1	30.5- 90.5	59.4	
1	4	7.798	7.799	-0.001	86419852	488.1	128.6- 188.6	157.7	
1	5	8.554	8.555	-0.001	50668857	475.6	63.7- 123.7	92.5	
Average of Peak Amounts =						485.5			
2	6	7.853	7.854	-0.001	16405709	472.3		100.0	
2	7	8.218	8.218	0.000	33232437	475.4	165.6- 225.6	202.6	
2	8	8.650	8.652	-0.002	40337791	484.6	198.9- 258.9	245.9	
2	9	9.378	9.378	0.000	28336691	476.0	137.4- 197.4	172.7	
2	10	9.771	9.772	-0.001	32162045	470.1	151.4- 211.4	196.0	
Average of Peak Amounts =						475.7			

RPD = 2.04

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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\$ 3 Dibutylchlorendate

1	1	9.565	9.566	-0.001	156690479	74.8			
2	2	10.285	10.285	0.000	64753206	76.1			
							RPD = 1.70		

\$ 2 DCB Decachlorobiphenyl

1	1	10.763	10.765	-0.002	119878624	78.5			
2	2	11.603	11.604	-0.001	72158854	78.4			
							RPD = 0.15		

Report Date: 02-Aug-2011 16:43:08

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6225.D

Injection Date: 02-Aug-2011 13:50:42

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

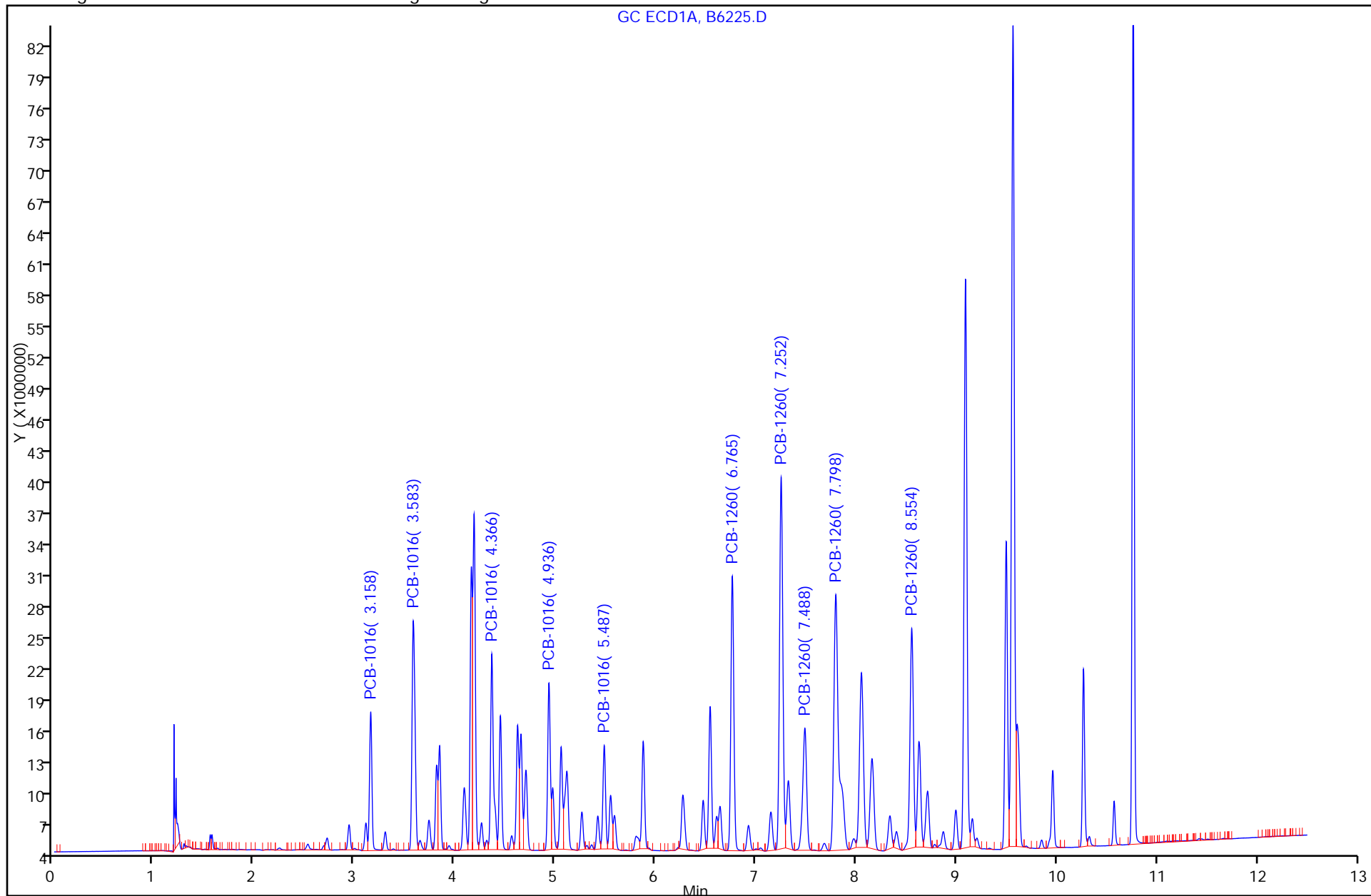
Lims Batch ID: 84442

Lims Sample ID: 5

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6226.D
 Lims ID: std1000 Client ID:
 Inject. Date: 02-Aug-2011 14:05:53 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 6
 Sample ID: std1000
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 6
 Lims Batch ID: 84442 Lims Sample ID: 6
 Sublist: chrom-PCBS*sub1
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20110802-5309.b\PCBS.m
 Last Update: 02-Aug-2011 17:02:04 Calib Date: 02-Aug-2011 16:08:12
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6234.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 02-Aug-2011 17:02:04

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1	3.160	3.160	0.000	49785163	1091.3		100.0	M
1	2	3.585	3.585	0.000	106161100	1098.0	183.2- 243.2	213.2	
1	3	4.367	4.367	0.000	87039021	1094.3	144.8- 204.8	174.8	
1	4	4.936	4.936	0.000	66880167	1093.2	104.3- 164.3	134.3	
1	5	5.488	5.488	0.000	42332166	1102.9	55.0- 115.0	85.0	
Average of Peak Amounts =						1095.9			
2	6	3.716	3.716	0.000	27988106	1070.2		100.0	
2	7	4.291	4.291	0.000	60580156	1085.9	186.4- 246.4	216.4	
2	8	5.176	5.176	0.000	47116668	1090.3	138.3- 198.3	168.3	
2	9	5.609	5.609	0.000	21082794	1045.0	45.3- 105.3	75.3	M
2	10	5.900	5.900	0.000	38138621	1084.8	106.3- 166.3	136.3	
Average of Peak Amounts =						1075.2			
						RPD = 1.91			
11 PCB-1260									
1	1	6.765	6.765	0.000	120063646	1086.7		100.0	M
1	2	7.253	7.253	0.000	182130892	1087.0	121.7- 181.7	151.7	
1	3	7.490	7.490	0.000	72480172	1087.3	30.4- 90.4	60.4	M
1	4	7.797	7.797	0.000	191934596	1093.4	129.9- 189.9	159.9	M
1	5	8.555	8.555	0.000	106156642	1015.3	58.4- 118.4	88.4	M
Average of Peak Amounts =						1074.0			
2	6	7.851	7.851	0.000	37308639	1097.7		100.0	
2	7	8.218	8.218	0.000	72960363	1079.1	165.6- 225.6	195.6	
2	8	8.651	8.651	0.000	85389736	1062.4	198.9- 258.9	228.9	
2	9	9.378	9.378	0.000	62459151	1075.8	137.4- 197.4	167.4	
2	10	9.770	9.770	0.000	67667523	1030.0	151.4- 211.4	181.4	
Average of Peak Amounts =						1069.0			
						RPD = 0.46			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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\$ 3 Dibutylchlorendate

1	1	9.565	9.565	0.000	237167116	105.3			
2	2	10.285	10.285	0.000	90366810	104.5			
							RPD =	0.71	

\$ 2 DCB Decachlorobiphenyl

1	1	10.764	10.764	0.000	162601408	104.5			
2	2	11.604	11.604	0.000	96681565	104.5			
							RPD =	0.04	

QC Flag Legend

Review Flags

M - Manually Integrated

Report Date: 02-Aug-2011 17:02:04

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6226.D

Injection Date: 02-Aug-2011 14:05:53

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

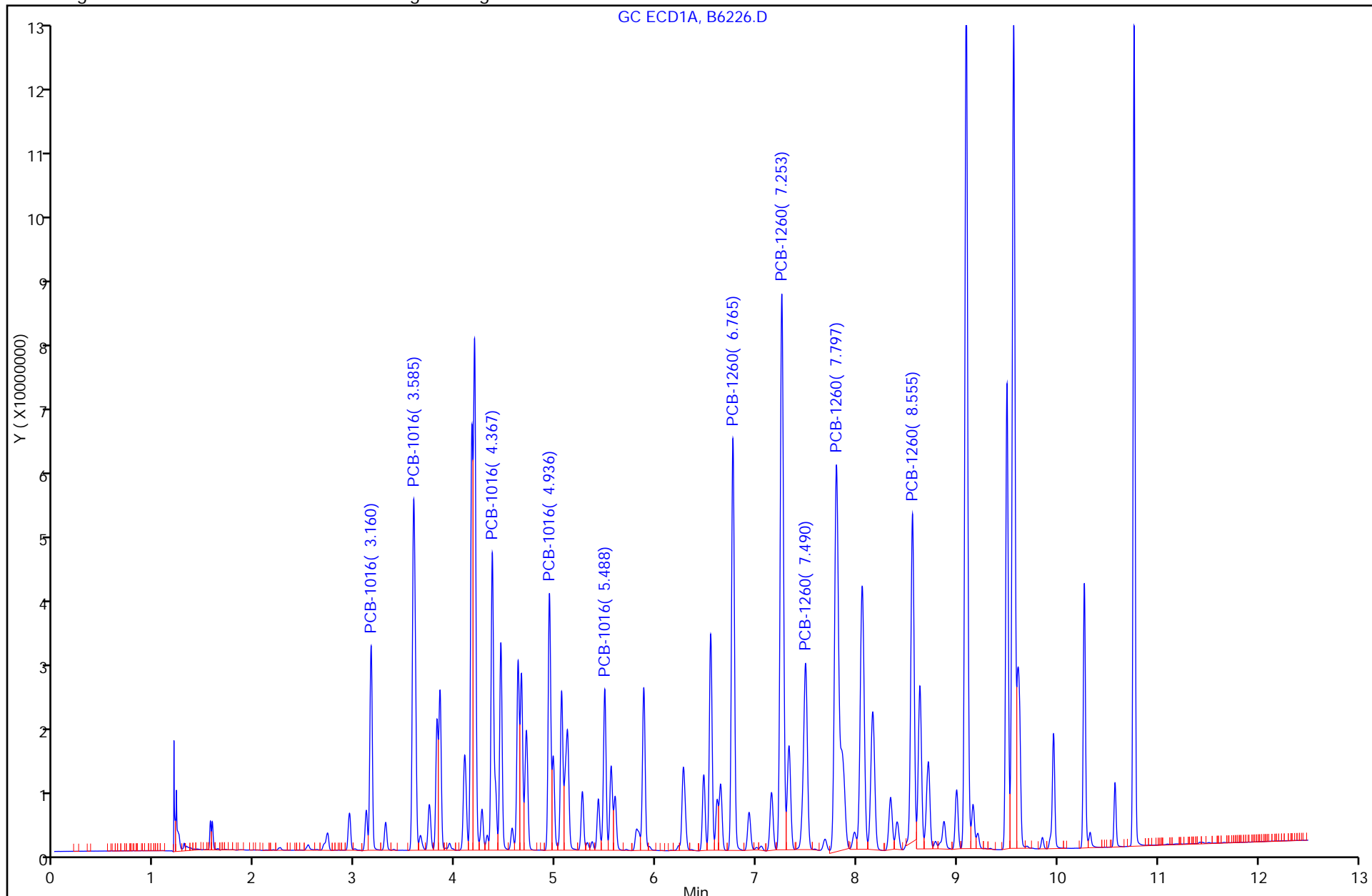
Lims Batch ID: 84442

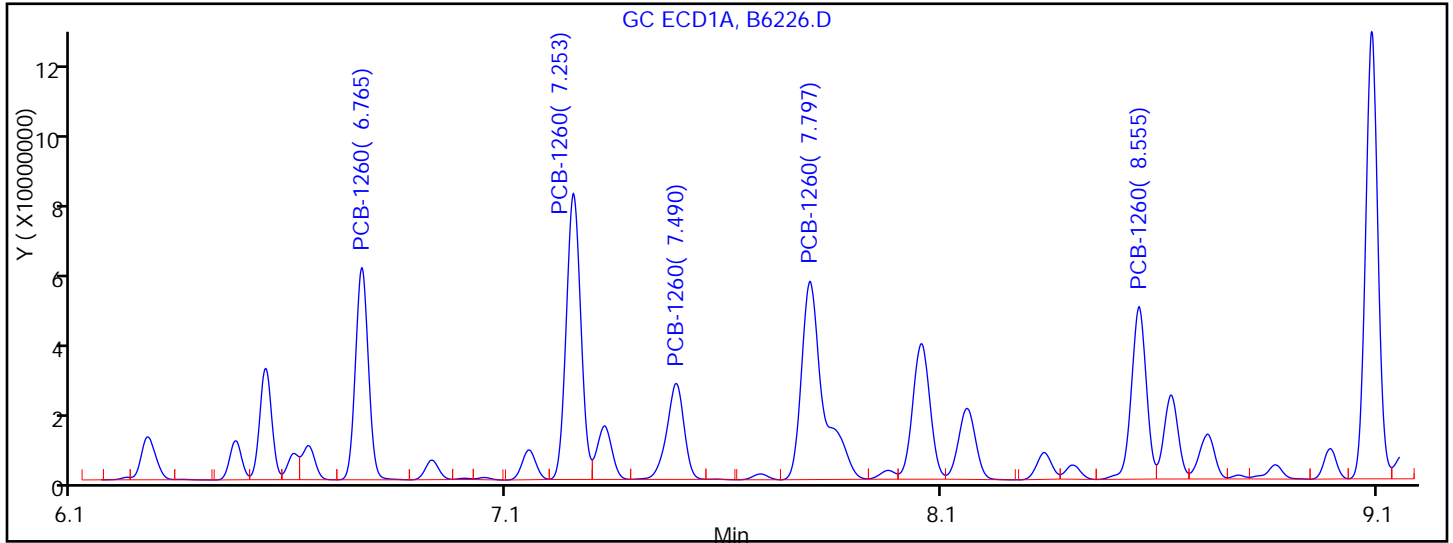
Lims Sample ID: 6

Operator ID:

Injection Vol: 1.00 ul

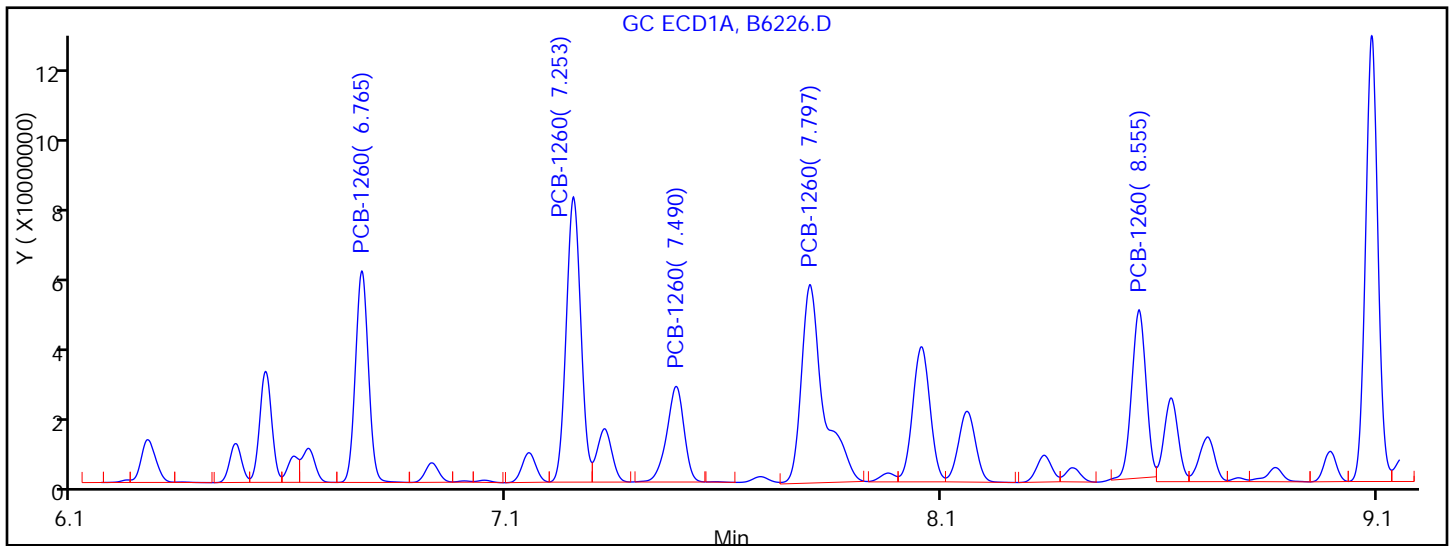
Y Scaling: Method Defined: Scale to the Nth Largest Target: 2





Processing Integration Results

RT = 6.765	Response = 120063646	
RT = 7.253	Response = 182130892	
RT = 7.490	Response = 72588145	M
RT = 7.797	Response = 190363631	M
RT = 8.555	Response = 112486786	M



Manual Integration Results

RT = 6.765	Response = 120063646	
RT = 7.253	Response = 182130892	
RT = 7.490	Response = 72480172	M
RT = 7.797	Response = 191934596	M
RT = 8.555	Response = 106156642	M

Reviewer: iversc, 02-Aug-2011 17:02:04

Audit Action: Manually Integrated

Audit Reason: Baseline Smoothing

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6227.D
 Lims ID: std1500 Client ID:
 Inject. Date: 02-Aug-2011 14:20:57 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 7
 Sample ID: std1500
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 7
 Lims Batch ID: 84442 Lims Sample ID: 7
 Sublist: chrom-PCBS*sub1
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20110802-5309.b\PCBS.m
 Last Update: 02-Aug-2011 16:43:40 Calib Date: 02-Aug-2011 16:08:12
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6234.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 02-Aug-2011 16:43:40

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	--------	--------	----------	-----------------	-------------	-------	-------

4 PCB-1016

1	1	3.156	3.158	-0.002	65893590	1459.7		100.0	
1	2	3.582	3.584	-0.002	139724436	1458.0	183.2- 243.2	212.0	
1	3	4.365	4.367	-0.002	115973355	1466.6	144.8- 204.8	176.0	
1	4	4.936	4.937	-0.001	89435645	1469.3	104.3- 164.3	135.7	
1	5	5.486	5.488	-0.002	56910170	1485.3	55.0- 115.0	86.4	
Average of Peak Amounts =						1467.8			
2	6	3.715	3.716	-0.001	36548132	1465.9		100.0	
2	7	4.291	4.291	0.000	78848802	1443.9	186.4- 246.4	215.7	
2	8	5.176	5.176	0.000	61444029	1515.5	138.3- 198.3	168.1	
2	9	5.608	5.609	-0.001	28545853	1511.4	48.7- 108.7	78.1	
2	10	5.901	5.902	-0.001	50220892	1443.8	106.3- 166.3	137.4	
Average of Peak Amounts =						1476.1			

RPD = 0.57

11 PCB-1260

1	1	6.765	6.767	-0.002	163479497	1482.3		100.0	
1	2	7.253	7.254	-0.001	249608115	1495.0	121.7- 181.7	152.7	
1	3	7.489	7.492	-0.003	100099370	1503.8	30.5- 90.5	61.2	
1	4	7.798	7.800	-0.002	262453046	1500.4	128.6- 188.6	160.5	
1	5	8.556	8.557	-0.001	156207028	1495.3	63.7- 123.7	95.6	
Average of Peak Amounts =						1495.4			
2	6	7.852	7.853	-0.001	49204251	1457.9		100.0	
2	7	8.216	8.220	-0.004	97775772	1468.0	165.6- 225.6	198.7	
2	8	8.652	8.652	0.000	115004793	1456.3	198.9- 258.9	233.7	
2	9	9.377	9.379	-0.002	84442906	1471.9	137.4- 197.4	171.6	
2	10	9.771	9.771	0.000	91212337	1427.5	151.4- 211.4	185.4	
Average of Peak Amounts =						1456.3			

RPD = 2.65

Data File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6227.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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\$ 3 Dibutylchlorendate

1	1	9.563	9.565	-0.002	274593155	118.2			
2	2	10.285	10.285	0.000	103236176	118.3			
							RPD =	0.07	

\$ 2 DCB Decachlorobiphenyl

1	1	10.764	10.765	-0.001	184274086	117.2			
2	2	11.603	11.603	0.000	109001870	117.3			
							RPD =	0.05	

Report Date: 02-Aug-2011 16:43:40

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6227.D

Injection Date: 02-Aug-2011 14:20:57

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

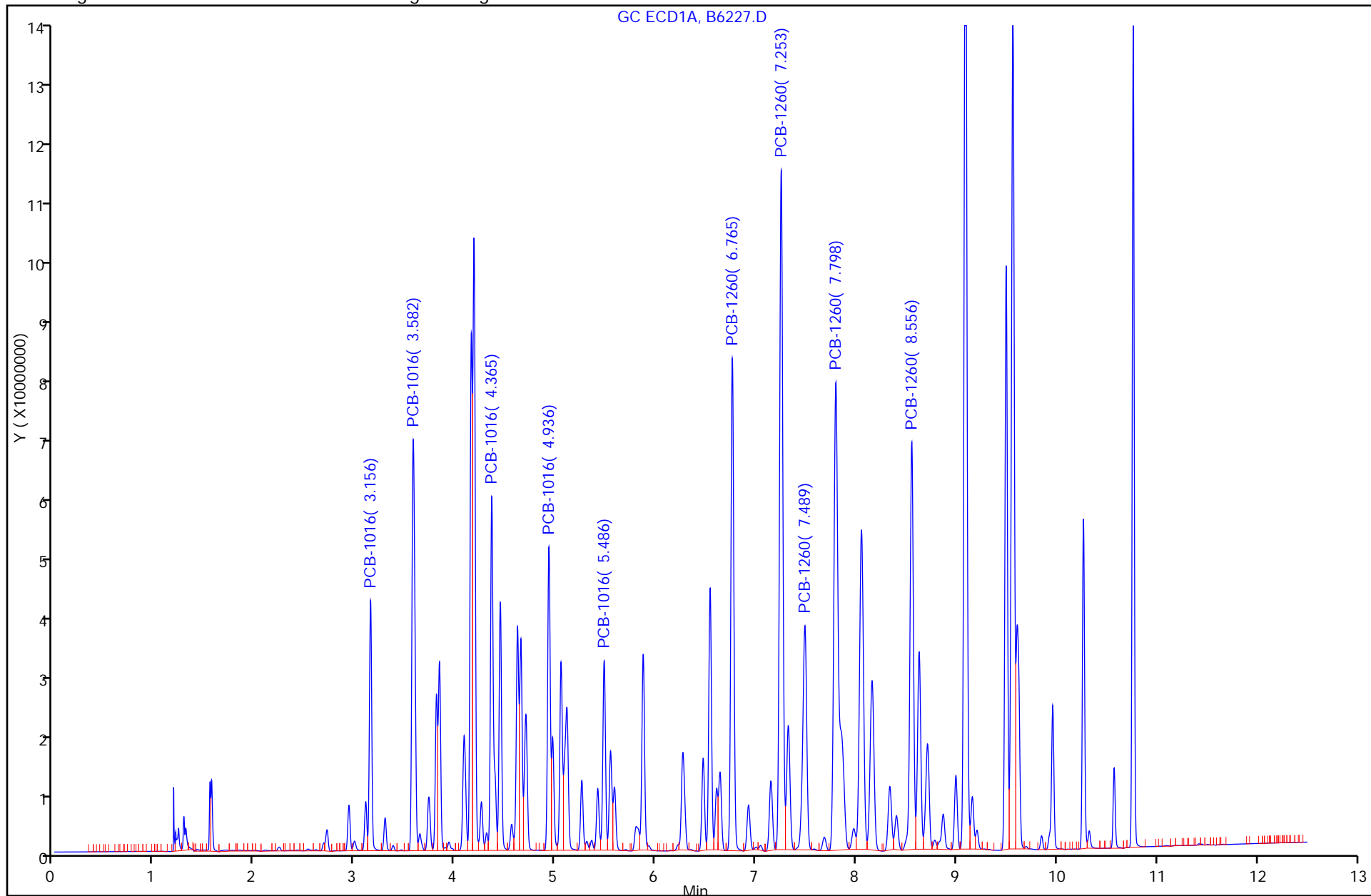
Lims Batch ID: 84442

Lims Sample ID: 7

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6228.D
 Lims ID: std2000 Client ID:
 Inject. Date: 02-Aug-2011 14:36:23 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 8
 Sample ID: std2000
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 8
 Lims Batch ID: 84442 Lims Sample ID: 8
 Sublist: chrom-PCBS*sub1
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20110802-5309.b\PCBS.m
 Last Update: 02-Aug-2011 16:43:59 Calib Date: 02-Aug-2011 16:08:12
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6234.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 02-Aug-2011 16:43:59

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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4 PCB-1016

1	1	3.158	3.158	0.000	87127985	1955.6		100.0	
1	2	3.585	3.584	0.001	185065753	1953.5	183.2- 243.2	212.4	
1	3	4.368	4.367	0.001	153326977	1952.2	144.8- 204.8	176.0	
1	4	4.938	4.937	0.001	118683229	1961.4	104.3- 164.3	136.2	
1	5	5.489	5.488	0.001	75167182	1963.9	55.0- 115.0	86.3	
Average of Peak Amounts =						1957.3			
2	6	3.716	3.716	0.000	47561978	1914.9		100.0	
2	7	4.291	4.291	0.000	102795135	1936.6	186.4- 246.4	216.1	
2	8	5.177	5.176	0.001	79472493	1977.0	138.3- 198.3	167.1	
2	9	5.609	5.609	0.000	37073868	1979.6	48.7- 108.7	77.9	
2	10	5.902	5.902	0.000	66116224	1905.9	106.3- 166.3	139.0	
Average of Peak Amounts =						1942.8			

RPD = 0.74

11 PCB-1260

1	1	6.767	6.767	0.000	215935473	1959.9		100.0	
1	2	7.255	7.254	0.001	330306772	1981.4	121.7- 181.7	153.0	
1	3	7.491	7.492	-0.001	133194773	2003.1	30.5- 90.5	61.7	
1	4	7.800	7.800	0.000	347025876	1986.7	128.6- 188.6	160.7	
1	5	8.557	8.557	0.000	204652582	1963.4	63.7- 123.7	94.8	
Average of Peak Amounts =						1978.9			
2	6	7.853	7.853	0.000	66381619	1983.6		100.0	
2	7	8.218	8.220	-0.002	128655192	1966.1	165.6- 225.6	193.8	
2	8	8.652	8.652	0.000	151547357	1959.8	198.9- 258.9	228.3	
2	9	9.378	9.379	-0.001	111267070	1966.2	137.4- 197.4	167.6	
2	10	9.771	9.771	0.000	119591297	1941.0	151.4- 211.4	180.2	
Average of Peak Amounts =						1963.3			

RPD = 0.79

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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\$ 3 Dibutylchlorendate

1	1	9.565
2	2	10.285

\$ 2 DCB Decachlorobiphenyl

1	1	10.765
2	2	11.603

Report Date: 02-Aug-2011 16:44:00

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6228.D

Injection Date: 02-Aug-2011 14:36:23

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

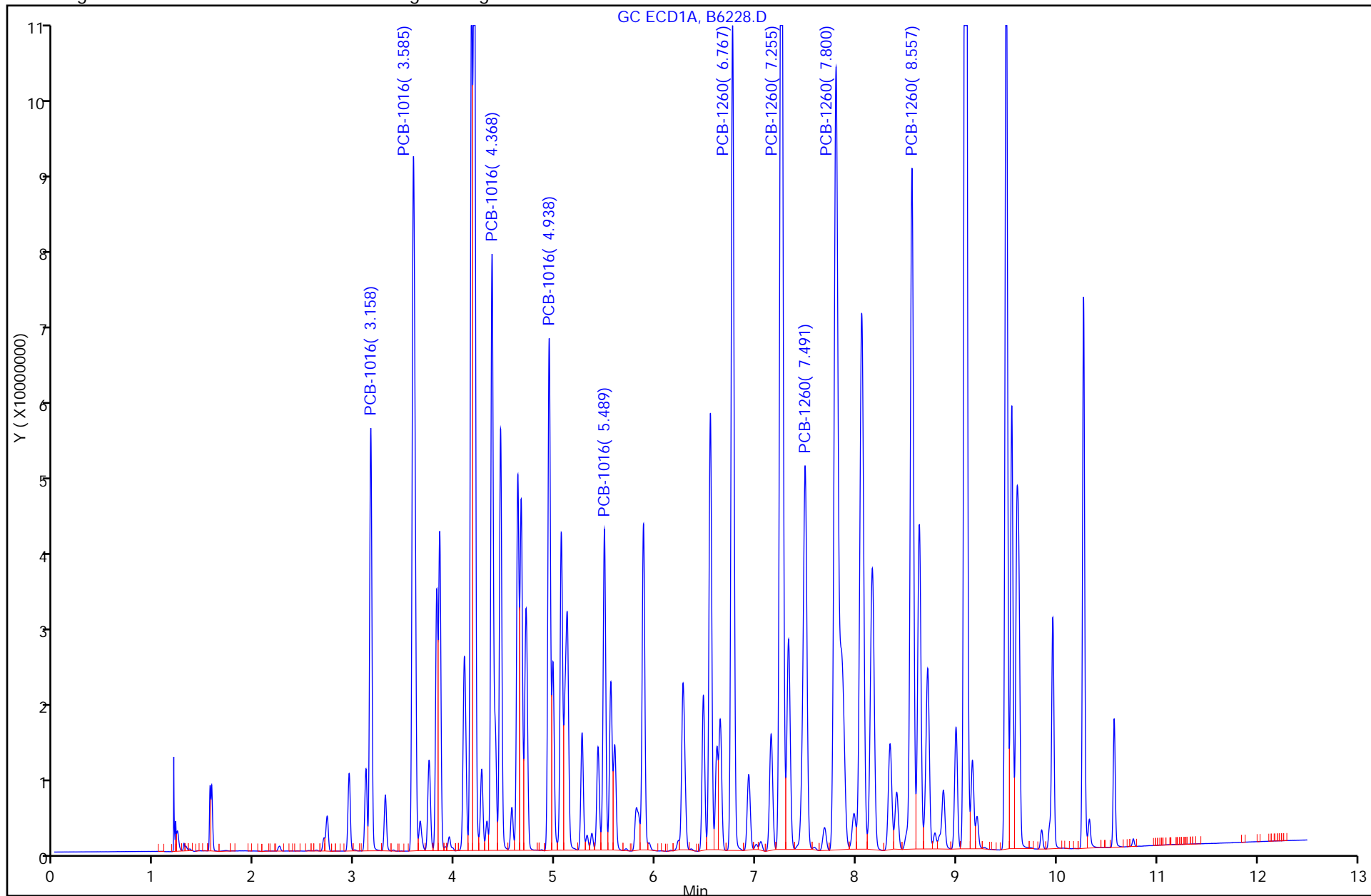
Lims Batch ID: 84442

Lims Sample ID: 8

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6229.D
 Lims ID: std3000 Client ID:
 Inject. Date: 02-Aug-2011 14:51:27 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 9
 Sample ID: std3000
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 9
 Lims Batch ID: 84442 Lims Sample ID: 9
 Sublist: chrom-PCBS*sub1
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20110802-5309.b\PCBS.m
 Last Update: 02-Aug-2011 16:44:17 Calib Date: 02-Aug-2011 16:08:12
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6234.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 02-Aug-2011 16:44:17

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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4 PCB-1016

1	1	3.157	3.158	-0.001	130634342	3011.7		100.0	
1	2	3.582	3.584	-0.002	279014805	3016.7	183.2- 243.2	213.6	
1	3	4.366	4.367	-0.001	233285267	3011.0	144.8- 204.8	178.6	
1	4	4.936	4.937	-0.001	179537536	3001.5	104.3- 164.3	137.4	
1	5	5.487	5.488	-0.001	113651924	2970.9	55.0- 115.0	87.0	
Average of Peak Amounts =						3002.4			
2	6	3.715	3.716	-0.001	70552772	2852.2		100.0	
2	7	4.291	4.291	0.000	152243946	3060.3	186.4- 246.4	215.8	
2	8	5.176	5.176	0.000	117959847	2962.2	138.3- 198.3	167.2	
2	9	5.609	5.609	0.000	54954392	2961.3	48.7- 108.7	77.9	
2	10	5.901	5.902	-0.001	97987915	2832.4	106.3- 166.3	138.9	
Average of Peak Amounts =						2933.7			

RPD = 2.31

11 PCB-1260

1	1	6.765	6.767	-0.002	327802553	2976.9		100.0	
1	2	7.252	7.254	-0.002	502136376	3017.0	121.7- 181.7	153.2	
1	3	7.490	7.492	-0.002	205237153	3090.2	30.5- 90.5	62.6	
1	4	7.796	7.800	-0.004	529529939	3036.2	128.6- 188.6	161.5	
1	5	8.554	8.557	-0.003	312696264	3007.4	63.7- 123.7	95.4	
Average of Peak Amounts =						3025.5			
2	6	7.852	7.853	-0.001	98271142	2978.2		100.0	
2	7	8.217	8.220	-0.003	189732607	3003.6	165.6- 225.6	193.1	
2	8	8.652	8.652	0.000	224329321	3029.5	198.9- 258.9	228.3	
2	9	9.377	9.379	-0.002	165177072	3000.0	137.4- 197.4	168.1	
2	10	9.771	9.771	0.000	177716641	3159.5	151.4- 211.4	180.8	
Average of Peak Amounts =						3034.2			

RPD = 0.28

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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\$ 3 Dibutylchlorendate

1	1	9.565
2	2	10.285

\$ 2 DCB Decachlorobiphenyl

1	1	10.765
2	2	11.603

Report Date: 02-Aug-2011 16:44:17

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6229.D

Injection Date: 02-Aug-2011 14:51:27

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

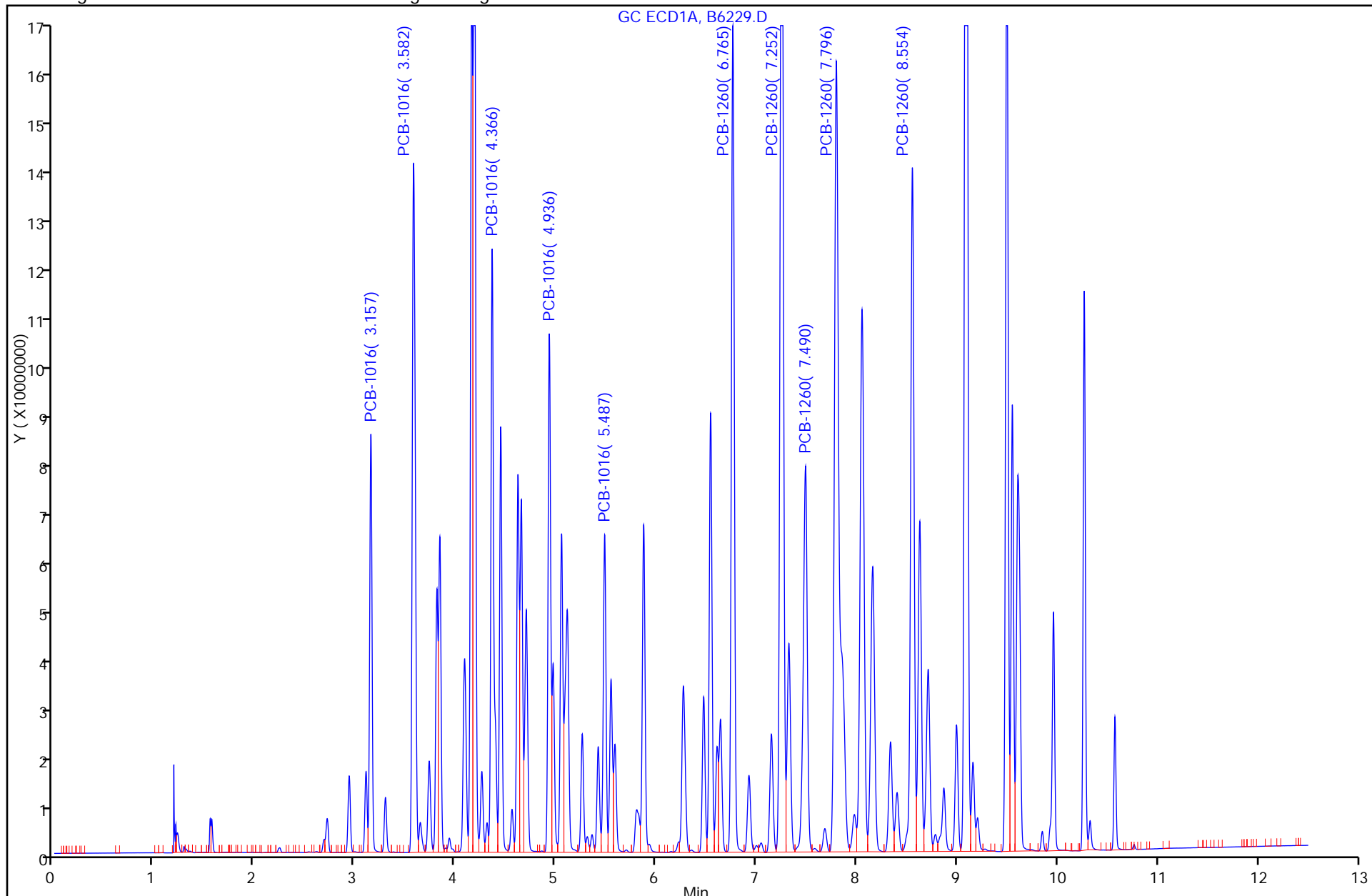
Lims Batch ID: 84442

Lims Sample ID: 9

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1 Analy Batch No.: 84442

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 15:06 Calibration End Date: 08/02/2011 15:06 Calibration ID: 4164

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1221 510-84442/10	B6230.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	2.248										2.148 - 2.348	2.248
PCB-1221 Peak 2	2.942										2.842 - 3.042	2.942
PCB-1221 Peak 3	3.110										3.010 - 3.210	3.110
PCB-1221 Peak 4	3.157										3.057 - 3.257	3.157
PCB-1221 Peak 5	4.367										4.267 - 4.467	4.367

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1 Analy Batch No.: 84442

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 15:06 Calibration End Date: 08/02/2011 15:06 Calibration ID: 4164

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1221 510-84442/10	B6230.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1					B	M1	M2								
PCB-1221 Peak 1	20956				Ave		20955.6655						10.0			
PCB-1221 Peak 2	29287				Ave		29286.8805						10.0			
PCB-1221 Peak 3	17847				Ave		17846.6090						10.0			
PCB-1221 Peak 4	68810				Ave		68809.8280						10.0			
PCB-1221 Peak 5	5498.6				Ave		5498.63100						10.0			

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 Valparaiso Job No.: 510-69171-1 Analy Batch No.: 84442

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 15:06 Calibration End Date: 08/02/2011 15:06 Calibration ID: 4164

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1221 510-84442/10	B6230.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	41911331					2000				
PCB-1221 Peak 2	Ave	58573761					2000				
PCB-1221 Peak 3	Ave	35693218					2000				
PCB-1221 Peak 4	Ave	137619656					2000				
PCB-1221 Peak 5	Ave	10997262					2000				

Curve Type Legend:

Ave = Average

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6230.D
 Lims ID: std1221 Client ID:
 Inject. Date: 02-Aug-2011 15:06:48 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 8
 Sample ID: std1221
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 10
 Lims Batch ID: 84442 Lims Sample ID: 10
 Sublist: chrom-PCBS*sub2
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20110802-5309.b\PCBS.m
 Last Update: 02-Aug-2011 17:09:03 Calib Date: 02-Aug-2011 16:08:12
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6234.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 02-Aug-2011 17:09:03

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
5 PCB-1221									
1	1	2.248	2.248	0.000	41911331	2000.0		100.0	
1	2	2.942	2.942	0.000	58573761	2000.0	0.0- 30.0	139.8	
1	3	3.110	3.110	0.000	35693218	2000.0	0.0- 30.0	85.2	
1	4	3.157	3.157	0.000	137619656	2000.0	0.0- 30.0	328.4	
1	5	4.367	4.367	0.000	10997262	2000.0	0.0- 30.0	26.2	A
Average of Peak Amounts =						2000.0			
2	6	2.510	2.510	0.000	24646814	2000.0		100.0	
2	7	2.939	2.939	0.000	8310757	2000.0	0.0- 30.0	33.7	
2	8	3.437	3.437	0.000	32969194	2000.0	0.0- 30.0	133.8	
2	9	3.631	3.631	0.000	21090281	2000.0	0.0- 30.0	85.6	
2	10	3.715	3.715	0.000	75122073	2000.0	0.0- 30.0	304.8	
Average of Peak Amounts =						2000.0			
RPD = 0.00									

Report Date: 02-Aug-2011 17:09:03

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6230.D

Injection Date: 02-Aug-2011 15:06:48

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

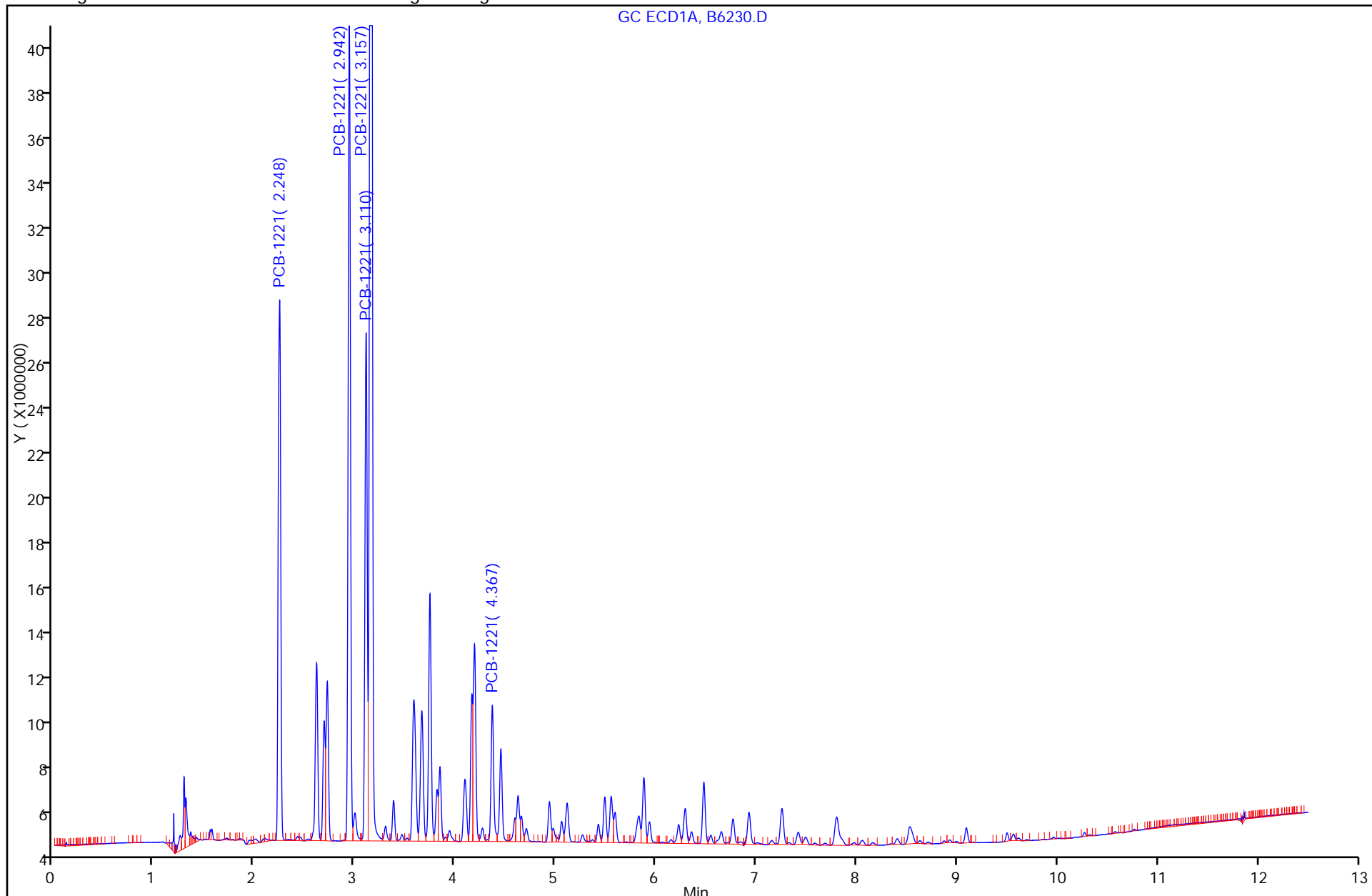
Lims Batch ID: 84442

Lims Sample ID: 10

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1 Analy Batch No.: 84442

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 15:22 Calibration End Date: 08/02/2011 15:22 Calibration ID: 4168

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1232 510-84442/11	B6231.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.943										2.843 - 3.043	2.943
PCB-1232 Peak 2	3.158										3.058 - 3.258	3.158
PCB-1232 Peak 3	3.584										3.484 - 3.684	3.584
PCB-1232 Peak 4	4.368										4.268 - 4.468	4.368
PCB-1232 Peak 5	4.454										4.354 - 4.554	4.454

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1 Analy Batch No.: 84442

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 15:22 Calibration End Date: 08/02/2011 15:22 Calibration ID: 4168

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1232 510-84442/11	B6231.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1					B	M1	M2								
PCB-1232 Peak 1	16129				Ave		16128.7910						10.0			
PCB-1232 Peak 2	50111				Ave		50110.8645						10.0			
PCB-1232 Peak 3	43773				Ave		43772.7635						10.0			
PCB-1232 Peak 4	35983				Ave		35982.9535						10.0			
PCB-1232 Peak 5	22229				Ave		22228.5515						10.0			

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 Valparaiso Job No.: 510-69171-1 Analy Batch No.: 84442

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 15:22 Calibration End Date: 08/02/2011 15:22 Calibration ID: 4168

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1232 510-84442/11	B6231.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	32257582					2000				
PCB-1232 Peak 2	Ave	100221729					2000				
PCB-1232 Peak 3	Ave	87545527					2000				
PCB-1232 Peak 4	Ave	71965907					2000				
PCB-1232 Peak 5	Ave	44457103					2000				

Curve Type Legend:

Ave = Average

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6231.D
 Lims ID: std1232 Client ID:
 Inject. Date: 02-Aug-2011 15:22:12 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 8
 Sample ID: std1232
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 11
 Lims Batch ID: 84442 Lims Sample ID: 11
 Sublist: chrom-PCBS*sub3
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20110802-5309.b\PCBS.m
 Last Update: 02-Aug-2011 17:18:47 Calib Date: 02-Aug-2011 16:08:12
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6234.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 02-Aug-2011 17:18:47

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags	
7 PCB-1232										
1	1	2.943	2.943	0.000	32257582	2000.0		100.0		
1	2	3.158	3.158	0.000	100221729	2000.0	0.0- 30.0	310.7		
1	3	3.584	3.584	0.000	87545527	2000.0	0.0- 30.0	271.4		
1	4	4.368	4.368	0.000	71965907	2000.0	0.0- 30.0	223.1		
1	5	4.454	4.454	0.000	44457103	2000.0	0.0- 30.0	137.8		
		Average of Peak Amounts =				2000.0				
2	6	2.511	2.511	0.000	12819079	2000.0		100.0		
2	7	3.715	3.715	0.000	55160243	2000.0	0.0- 30.0	430.3		
2	8	4.290	4.290	0.000	53106849	2000.0	0.0- 30.0	414.3		
2	9	5.177	5.177	0.000	39950580	2000.0	0.0- 30.0	311.6		
2	10	5.901	5.901	0.000	30931257	2000.0	0.0- 30.0	241.3		
		Average of Peak Amounts =				2000.0				
						RPD = 0.00				

Report Date: 02-Aug-2011 17:18:47

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6231.D

Injection Date: 02-Aug-2011 15:22:12

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

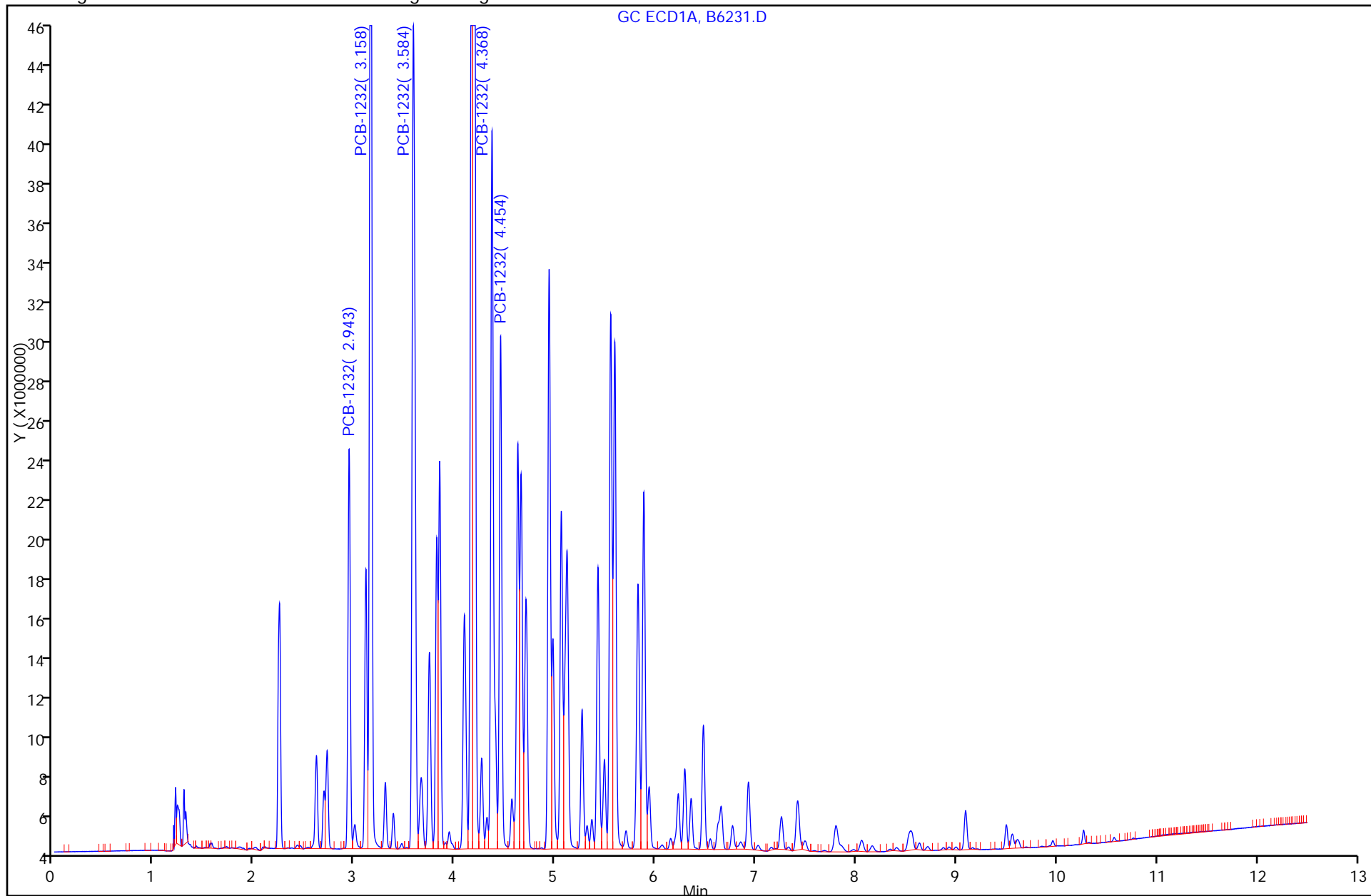
Lims Batch ID: 84442

Lims Sample ID: 11

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1 Analy Batch No.: 84442

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 15:37 Calibration End Date: 08/02/2011 15:37 Calibration ID: 4172

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1242 510-84442/12	B6232.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	3.158										3.058 - 3.258	3.158
PCB-1242 Peak 2	3.584										3.484 - 3.684	3.584
PCB-1242 Peak 3	4.452										4.352 - 4.552	4.452
PCB-1242 Peak 4	5.115										5.015 - 5.215	5.115
PCB-1242 Peak 5	5.592										5.492 - 5.692	5.592

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1 Analy Batch No.: 84442

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 15:37 Calibration End Date: 08/02/2011 15:37 Calibration ID: 4172

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1242 510-84442/12	B6232.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1242 Peak 1	35999				Ave		35998.7480						10.0			
PCB-1242 Peak 2	76306				Ave		76305.5275						10.0			
PCB-1242 Peak 3	38312				Ave		38312.4030						10.0			
PCB-1242 Peak 4	34990				Ave		34990.1855						10.0			
PCB-1242 Peak 5	46666				Ave		46665.6295						10.0			

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 Valparaiso Job No.: 510-69171-1 Analy Batch No.: 84442

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 15:37 Calibration End Date: 08/02/2011 15:37 Calibration ID: 4172

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1242 510-84442/12	B6232.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	71997496					2000				
PCB-1242 Peak 2	Ave	152611055					2000				
PCB-1242 Peak 3	Ave	76624806					2000				
PCB-1242 Peak 4	Ave	69980371					2000				
PCB-1242 Peak 5	Ave	93331259					2000				

Curve Type Legend:

Ave = Average

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6232.D
 Lims ID: std1242 Client ID:
 Inject. Date: 02-Aug-2011 15:37:42 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 8
 Sample ID: std1242
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 12
 Lims Batch ID: 84442 Lims Sample ID: 12
 Sublist: chrom-PCBS*sub4
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20110802-5309.b\PCBS.m
 Last Update: 02-Aug-2011 17:19:00 Calib Date: 02-Aug-2011 16:08:12
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6234.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 02-Aug-2011 17:19:00

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags	
10 PCB-1242										
1	1	3.158	3.158	0.000	71997496	2000.0		100.0		
1	2	3.584	3.584	0.000	152611055	2000.0	0.0- 30.0	212.0		
1	3	4.452	4.452	0.000	76624806	2000.0	0.0- 30.0	106.4		
1	4	5.115	5.115	0.000	69980371	2000.0	0.0- 30.0	97.2		
1	5	5.592	5.592	0.000	93331259	2000.0	0.0- 30.0	129.6		
		Average of Peak Amounts =				2000.0				
2	6	3.715	3.715	0.000	40203484	2000.0		100.0		
2	7	4.290	4.290	0.000	85633322	2000.0	0.0- 30.0	213.0		
2	8	5.176	5.176	0.000	66746354	2000.0	0.0- 30.0	166.0		
2	9	6.570	6.570	0.000	61831984	2000.0	0.0- 30.0	153.8		
2	10	6.955	6.955	0.000	62139420	2000.0	0.0- 30.0	154.6		
		Average of Peak Amounts =				2000.0				
						RPD = 0.00				

Report Date: 02-Aug-2011 17:19:00

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6232.D

Injection Date: 02-Aug-2011 15:37:42

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

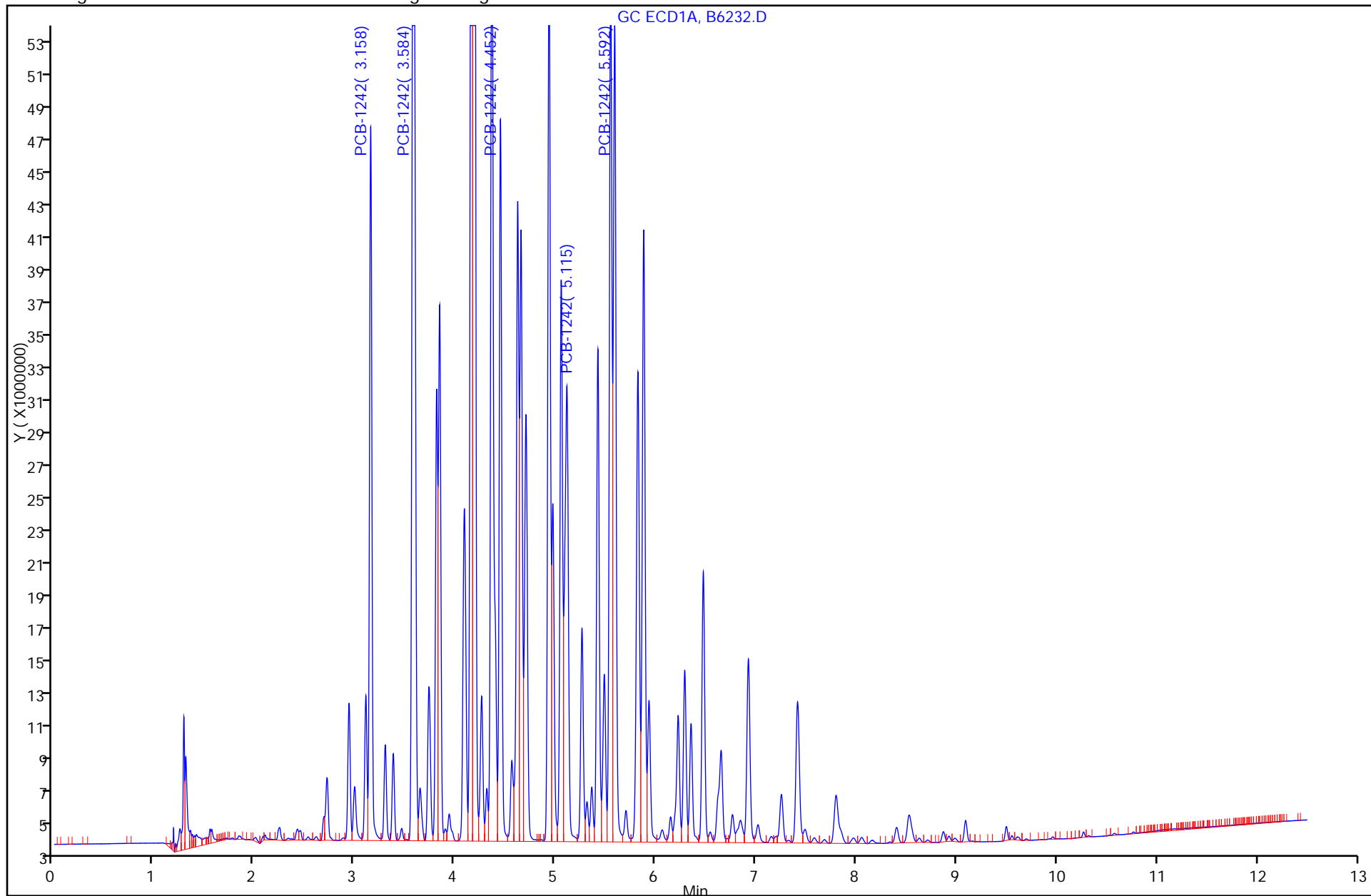
Lims Batch ID: 84442

Lims Sample ID: 12

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1 Analy Batch No.: 84442

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 15:53 Calibration End Date: 08/02/2011 15:53 Calibration ID: 4176

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1248 510-84442/13	B6233.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	3.583										3.483 - 3.683	3.583
PCB-1248 Peak 2	4.189										4.089 - 4.289	4.189
PCB-1248 Peak 3	5.058										4.958 - 5.158	5.058
PCB-1248 Peak 4	5.591										5.491 - 5.691	5.591
PCB-1248 Peak 5	6.475										6.375 - 6.575	6.475

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1 Analy Batch No.: 84442

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 15:53 Calibration End Date: 08/02/2011 15:53 Calibration ID: 4176

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1248 510-84442/13	B6233.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1248 Peak 1	36587				Ave		36587.3430						10.0			
PCB-1248 Peak 2	49156				Ave		49156.2605						10.0			
PCB-1248 Peak 3	54630				Ave		54630.2960						10.0			
PCB-1248 Peak 4	79569				Ave		79568.5105						10.0			
PCB-1248 Peak 5	45935				Ave		45935.0515						10.0			

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 Valparaiso Job No.: 510-69171-1 Analy Batch No.: 84442

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 15:53 Calibration End Date: 08/02/2011 15:53 Calibration ID: 4176

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1248 510-84442/13	B6233.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	73174686					2000				
PCB-1248 Peak 2	Ave	98312521					2000				
PCB-1248 Peak 3	Ave	109260592					2000				
PCB-1248 Peak 4	Ave	159137021					2000				
PCB-1248 Peak 5	Ave	91870103					2000				

Curve Type Legend:

Ave = Average

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6233.D
 Lims ID: std1248 Client ID:
 Inject. Date: 02-Aug-2011 15:53:06 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 8
 Sample ID: std1248
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 13
 Lims Batch ID: 84442 Lims Sample ID: 13
 Sublist: chrom-PCBS*sub5
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20110802-5309.b\PCBS.m
 Last Update: 02-Aug-2011 17:19:26 Calib Date: 02-Aug-2011 16:08:12
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6234.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 02-Aug-2011 17:19:26

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags	
6 PCB-1248										
1	1	3.583	3.583	0.000	73174686	2000.0		100.0		
1	2	4.189	4.189	0.000	98312521	2000.0	0.0- 30.0	134.4		
1	3	5.058	5.058	0.000	109260592	2000.0	0.0- 30.0	149.3		
1	4	5.591	5.591	0.000	159137021	2000.0	0.0- 30.0	217.5		
1	5	6.475	6.475	0.000	91870103	2000.0	0.0- 30.0	125.5		
		Average of Peak Amounts =				2000.0				
2	6	4.290	4.290	0.000	42412094	2000.0		100.0		
2	7	5.173	5.173	0.000	38422726	2000.0	0.0- 30.0	90.6		
2	8	5.901	5.901	0.000	91081534	2000.0	0.0- 30.0	214.8		
2	9	6.569	6.569	0.000	114914498	2000.0	0.0- 30.0	270.9		
2	10	6.956	6.956	0.000	110577096	2000.0	0.0- 30.0	260.7		
		Average of Peak Amounts =				2000.0				
						RPD = 0.00				

Report Date: 02-Aug-2011 17:19:26

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6233.D

Injection Date: 02-Aug-2011 15:53:06

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

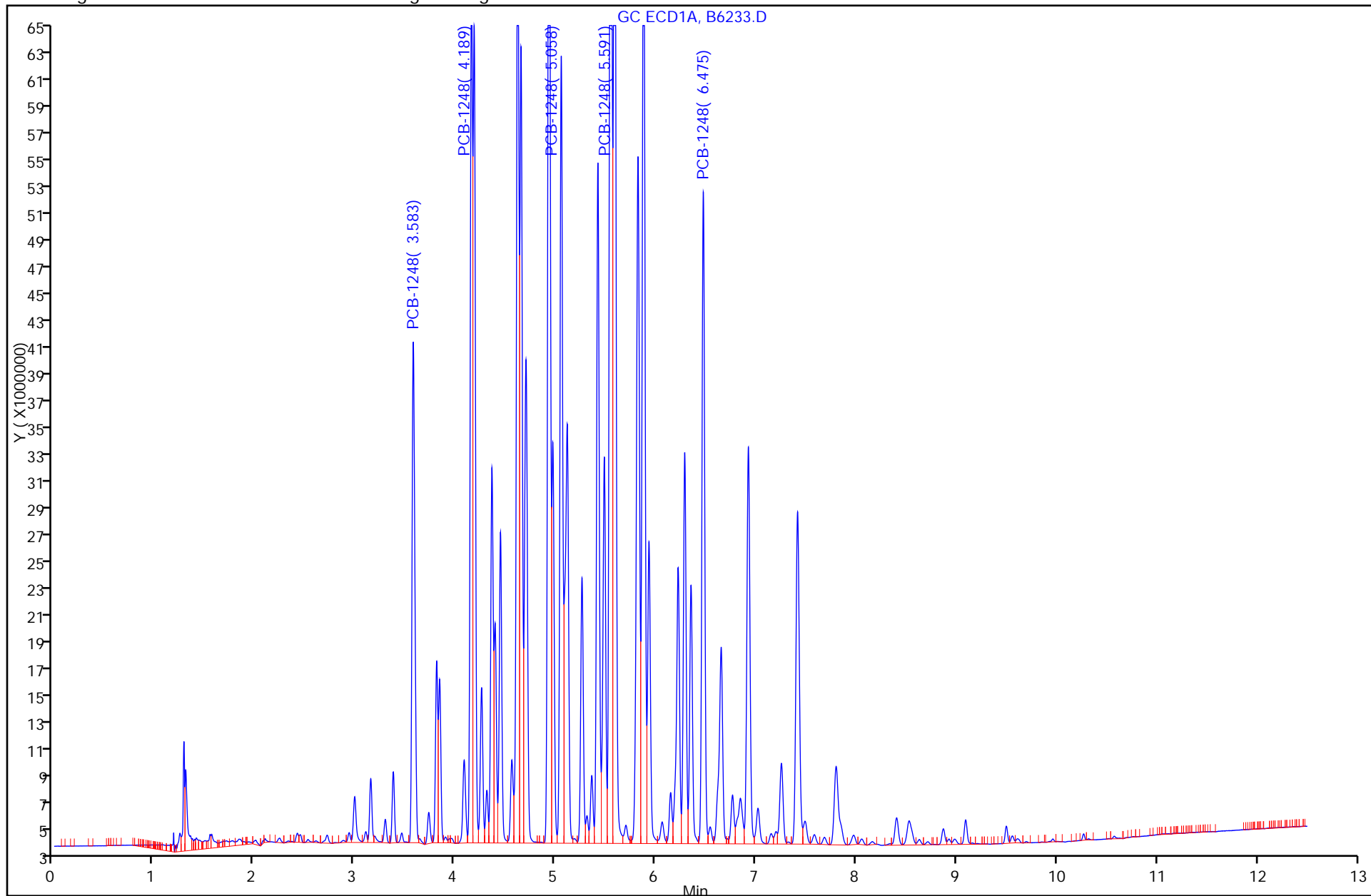
Lims Batch ID: 84442

Lims Sample ID: 13

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1 Analy Batch No.: 84442

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 16:08 Calibration End Date: 08/02/2011 16:08 Calibration ID: 4180

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1254 510-84442/14	B6234.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	5.550										5.450 - 5.650	5.550
PCB-1254 Peak 2	6.289										6.189 - 6.389	6.289
PCB-1254 Peak 3	6.474										6.374 - 6.574	6.474
PCB-1254 Peak 4	6.924										6.824 - 7.024	6.924
PCB-1254 Peak 5	7.800										7.700 - 7.900	7.800

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1 Analy Batch No.: 84442

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 16:08 Calibration End Date: 08/02/2011 16:08 Calibration ID: 4180

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1254 510-84442/14	B6234.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1					B	M1	M2								
PCB-1254 Peak 1	83342				Ave		83342.1640						10.0			
PCB-1254 Peak 2	64903				Ave		64902.8215						10.0			
PCB-1254 Peak 3	132171				Ave		132171.167						10.0			
PCB-1254 Peak 4	165427				Ave		165426.709						10.0			
PCB-1254 Peak 5	147988				Ave		147988.404						10.0			

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 Valparaiso Job No.: 510-69171-1 Analy Batch No.: 84442

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 16:08 Calibration End Date: 08/02/2011 16:08 Calibration ID: 4180

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1254 510-84442/14	B6234.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	166684328					2000				
PCB-1254 Peak 2	Ave	129805643					2000				
PCB-1254 Peak 3	Ave	264342334					2000				
PCB-1254 Peak 4	Ave	330853418					2000				
PCB-1254 Peak 5	Ave	295976808					2000				

Curve Type Legend:

Ave = Average

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6234.D
 Lims ID: std1254 Client ID:
 Inject. Date: 02-Aug-2011 16:08:12 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 8
 Sample ID: std1254
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 14
 Lims Batch ID: 84442 Lims Sample ID: 14
 Sublist: chrom-PCBS*sub6
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20110802-5309.b\PCBS.m
 Last Update: 02-Aug-2011 17:19:53 Calib Date: 02-Aug-2011 16:08:12
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6234.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 02-Aug-2011 17:19:53

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
9 PCB-1254									
1	1	5.550	5.550	0.000	166684328	2000.0		100.0	
1	2	6.289	6.289	0.000	129805643	2000.0	0.0- 30.0	77.9	
1	3	6.474	6.474	0.000	264342334	2000.0	0.0- 30.0	158.6	
1	4	6.924	6.924	0.000	330853418	2000.0	0.0- 30.0	198.5	
1	5	7.800	7.800	0.000	295976808	2000.0	0.0- 30.0	177.6	
Average of Peak Amounts =						2000.0			
2	6	6.568	6.568	0.000	81969645	2000.0		100.0	
2	7	6.881	6.881	0.000	87946763	2000.0	0.0- 30.0	107.3	
2	8	7.777	7.777	0.000	152373917	2000.0	0.0- 30.0	185.9	
2	9	8.292	8.292	0.000	190520087	2000.0	0.0- 30.0	232.4	
2	10	9.248	9.248	0.000	167140492	2000.0	0.0- 30.0	203.9	
Average of Peak Amounts =						2000.0			
RPD = 0.00									

Report Date: 02-Aug-2011 17:19:54

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6234.D

Injection Date: 02-Aug-2011 16:08:12

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

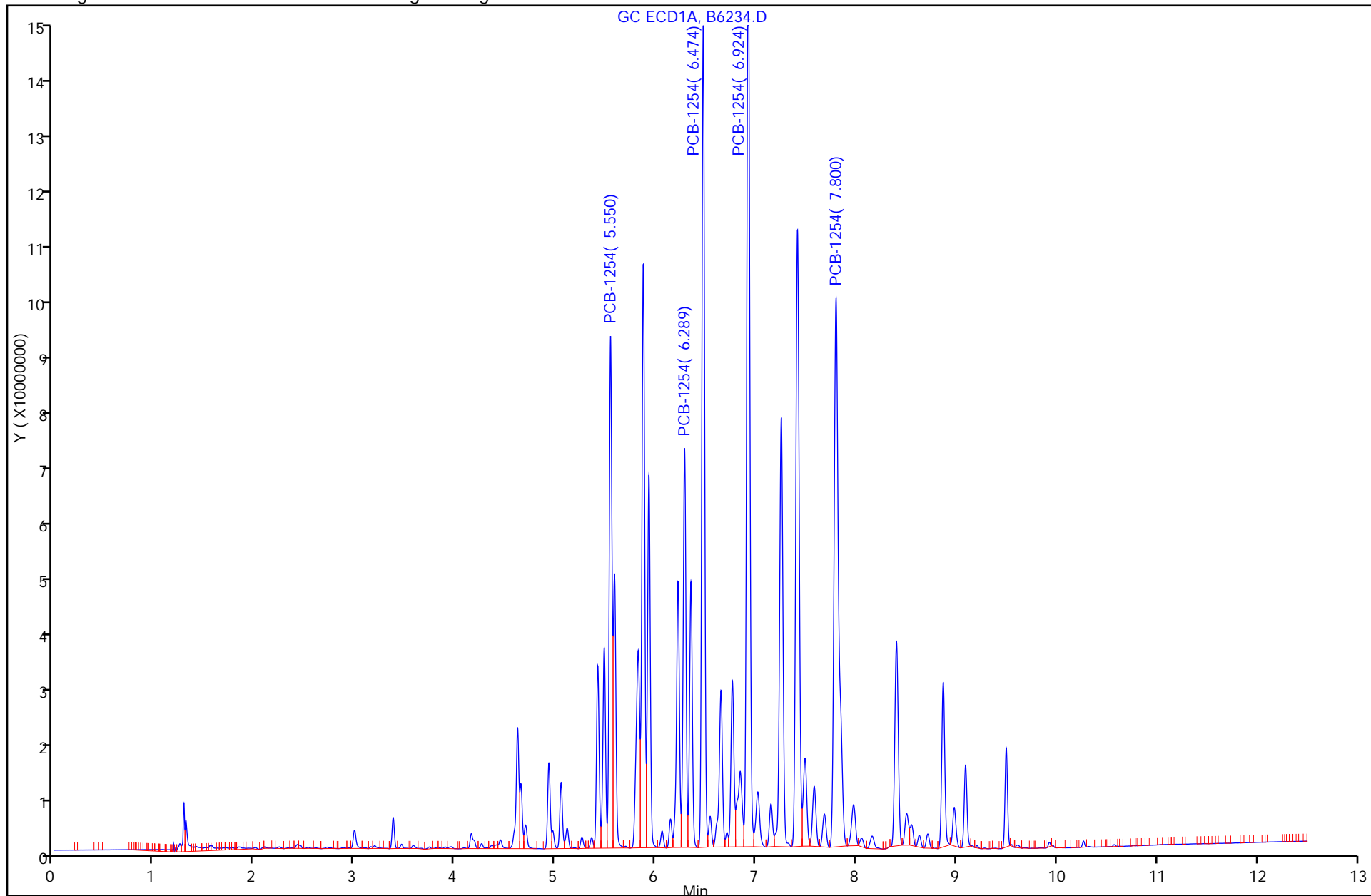
Lims Batch ID: 84442

Lims Sample ID: 14

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1
 SDG No.: _____
 Lab Sample ID: CCV1000 510-85696/15 Calibration Date: 08/26/2011 13:19
 Instrument ID: SGCA Calib Start Date: 08/02/2011 12:50
 GC Column: 8082/608 ID: 0.53 (mm) Calib End Date: 08/02/2011 14:51
 Lab File ID: B6621.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Qua2		42510		927	1000	-7.3	15.0
PCB-1016 Peak 2	Qua2		93190		960	1000	-4.0	15.0
PCB-1016 Peak 3	Qua2		78021		979	1000	-2.1	15.0
PCB-1016 Peak 4	Qua2		60506		987	1000	-1.3	15.0
PCB-1016 Peak 5	Qua2		38905		1010	1000	1.3	15.0
PCB-1260 Peak 1	Qua2		111403		1010	1000	0.8	15.0
PCB-1260 Peak 2	Qua2		170718		1020	1000	1.9	15.0
PCB-1260 Peak 3	Qua2		67986		1020	1000	2.0	15.0
PCB-1260 Peak 4	Qua2		179236		989	1000	-1.1	15.0
PCB-1260 Peak 5	Qua2		109232		1020	1000	2.4	15.0
Dibutylchloredate	Qua2		2292511		103	100	2.5	15.0
DCB Decachlorobiphenyl	Qua2		1653930		106	100	6.2	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1
 SDG No.: _____
 Lab Sample ID: CCV1000 510-85696/15 Calibration Date: 08/26/2011 13:19
 Instrument ID: SGCA Calib Start Date: 08/02/2011 12:50
 GC Column: 8082/608 ID: 0.53(mm) Calib End Date: 08/02/2011 14:51
 Lab File ID: B6621.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.16	3.06	3.26
PCB-1016 Peak 2	3.58	3.48	3.68
PCB-1016 Peak 3	4.37	4.27	4.47
PCB-1016 Peak 4	4.94	4.84	5.04
PCB-1016 Peak 5	5.49	5.39	5.59
PCB-1260 Peak 1	6.76	6.66	6.86
PCB-1260 Peak 2	7.25	7.15	7.35
PCB-1260 Peak 3	7.49	7.39	7.59
PCB-1260 Peak 4	7.80	7.70	7.90
PCB-1260 Peak 5	8.55	8.45	8.65
Dibutylchloroendate	9.56	9.46	9.66
DCB Decachlorobiphenyl	10.76	10.66	10.86

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110826-5447.b\B6621.D
 Lims ID: ccv1000 Client ID:
 Inject. Date: 26-Aug-2011 13:19:49 Dil. Factor: 1.0000
 Sample Type: CCV
 Sample ID: ccv1000
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 24
 Lims Batch ID: 85696 Lims Sample ID: 15
 Sublist: chrom-PCBS*sub13
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20110826-5447.b\PCBS.m
 Last Update: 26-Aug-2011 13:48:30 Calib Date: 02-Aug-2011 16:08:12
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6234.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 26-Aug-2011 13:48:30

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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4 PCB-1016

1	1	3.159	3.159	0.000	42509511	927.0		100.0	
1	2	3.584	3.584	0.000	93189569	960.4	183.2- 243.2	219.2	
1	3	4.368	4.368	0.000	78020770	978.9	144.8- 204.8	183.5	
1	4	4.937	4.937	0.000	60505969	987.4	104.3- 164.3	142.3	
1	5	5.488	5.488	0.000	38905389	1012.9	55.0- 115.0	91.5	
Average of Peak Amounts =						973.3			
2	6	3.715	3.715	0.000	24823447	940.3		100.0	
2	7	4.289	4.289	0.000	53671425	954.1	186.4- 246.4	216.2	
2	8	5.174	5.174	0.000	42272899	970.8	138.3- 198.3	170.3	
2	9	5.605	5.605	0.000	19278916	949.5	45.3- 105.3	77.7	
2	10	5.899	5.899	0.000	34506781	976.1	106.3- 166.3	139.0	
Average of Peak Amounts =						958.2			

RPD = 1.57

11 PCB-1260

1	1	6.764	6.764	0.000	111403414	1007.8		100.0	
1	2	7.251	7.251	0.000	170718319	1018.9	121.7- 181.7	153.2	
1	3	7.487	7.487	0.000	67986200	1019.6	30.4- 90.4	61.0	
1	4	7.795	7.795	0.000	179236285	989.0	129.9- 189.9	160.9	
1	5	8.552	8.552	0.000	109232408	1024.4	58.4- 118.4	98.1	
Average of Peak Amounts =						1011.9			
2	6	7.847	7.847	0.000	33882924	994.6		100.0	
2	7	8.212	8.212	0.000	67498036	994.7	165.6- 225.6	199.2	
2	8	8.646	8.646	0.000	80494623	998.4	198.9- 258.9	237.6	
2	9	9.374	9.374	0.000	59666998	1026.1	137.4- 197.4	176.1	
2	10	9.767	9.767	0.000	65142110	988.7	151.4- 211.4	192.3	
Average of Peak Amounts =						1000.5			

RPD = 1.14

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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\$ 3 Dibutylchlorendate

1	1	9.562	9.562	0.000	229251135	102.5			
2	2	10.281	10.281	0.000	99981047	114.8			
							RPD = 11.39		

\$ 2 DCB Decachlorobiphenyl

1	1	10.761	10.761	0.000	165392994	106.2			
2	2	11.599	11.599	0.000	97423339	105.3			
							RPD = 0.87		

Report Date: 26-Aug-2011 13:48:30

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20110826-5447.b\B6621.D

Injection Date: 26-Aug-2011 13:19:49

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

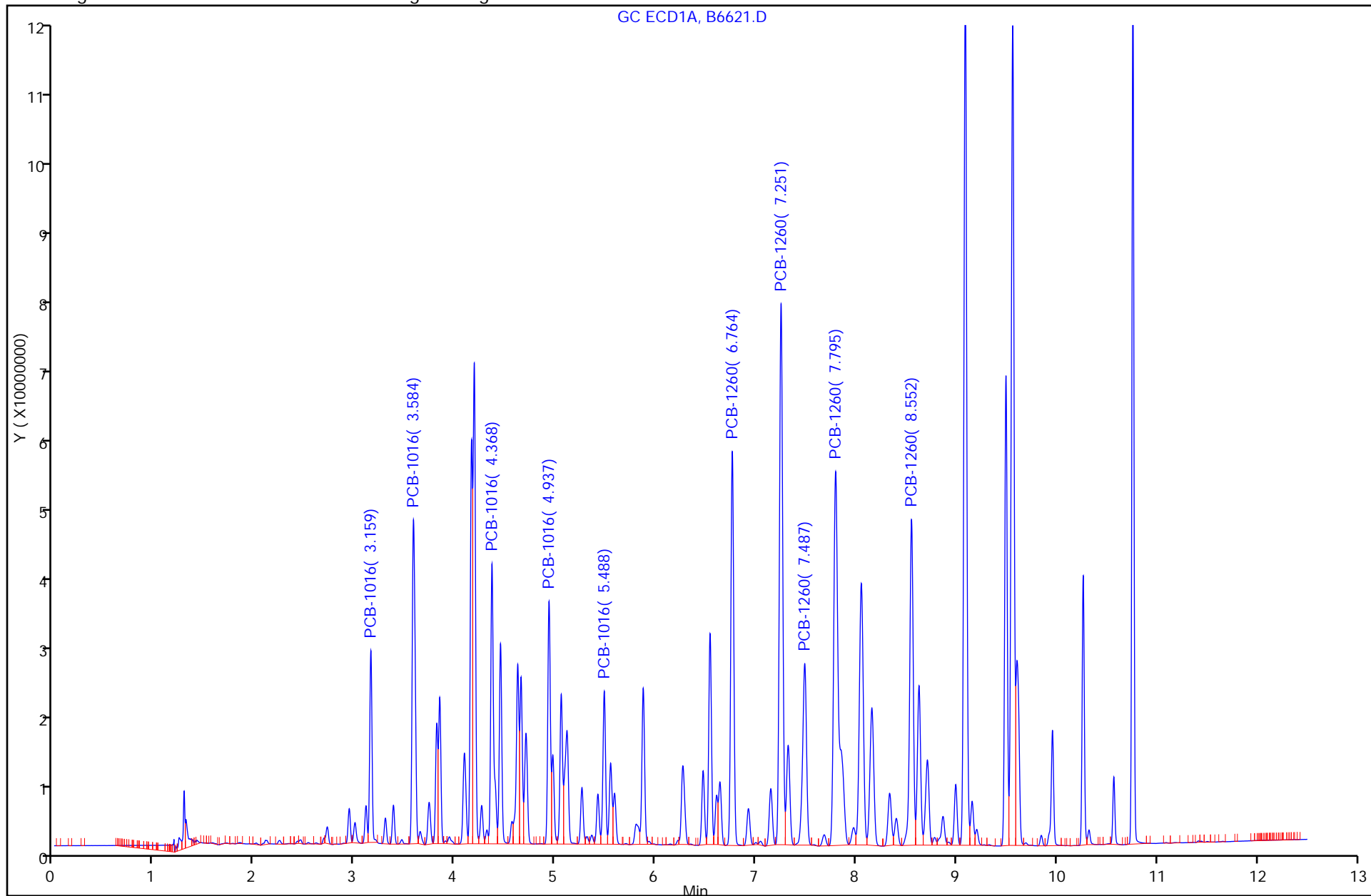
Lims Batch ID: 85696

Lims Sample ID: 15

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1
 SDG No.: _____
 Lab Sample ID: CCV1500 510-85696/24 Calibration Date: 08/26/2011 15:47
 Instrument ID: SGCA Calib Start Date: 08/02/2011 12:50
 GC Column: 8082/608 ID: 0.53 (mm) Calib End Date: 08/02/2011 14:51
 Lab File ID: B6630.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Qua2		43188		1430	1500	-4.4	15.0
PCB-1016 Peak 2	Qua2		99441		1560	1500	4.0	15.0
PCB-1016 Peak 3	Qua2		77228		1460	1500	-2.3	15.0
PCB-1016 Peak 4	Qua2		60543		1490	1500	-0.5	15.0
PCB-1016 Peak 5	Qua2		38759		1520	1500	1.2	15.0
PCB-1260 Peak 1	Qua2		110039		1500	1500	-0.2	15.0
PCB-1260 Peak 2	Qua2		169714		1520	1500	1.2	15.0
PCB-1260 Peak 3	Qua2		68144		1520	1500	1.3	15.0
PCB-1260 Peak 4	Qua2		177443		1480	1500	-1.1	15.0
PCB-1260 Peak 5	Qua2		106633		1520	1500	1.2	15.0
Dibutylchloroendate	Qua2		2436098		108	100	7.6	15.0
DCB Decachlorobiphenyl	Qua2		1574991		102	100	1.5	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1
 SDG No.: _____
 Lab Sample ID: CCV1500 510-85696/24 Calibration Date: 08/26/2011 15:47
 Instrument ID: SGCA Calib Start Date: 08/02/2011 12:50
 GC Column: 8082/608 ID: 0.53(mm) Calib End Date: 08/02/2011 14:51
 Lab File ID: B6630.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.16	3.06	3.26
PCB-1016 Peak 2	3.59	3.49	3.69
PCB-1016 Peak 3	4.37	4.27	4.47
PCB-1016 Peak 4	4.94	4.84	5.04
PCB-1016 Peak 5	5.49	5.39	5.59
PCB-1260 Peak 1	6.77	6.67	6.87
PCB-1260 Peak 2	7.25	7.15	7.35
PCB-1260 Peak 3	7.49	7.39	7.59
PCB-1260 Peak 4	7.80	7.70	7.90
PCB-1260 Peak 5	8.55	8.45	8.65
Dibutylchloroendate	9.56	9.46	9.66
DCB Decachlorobiphenyl	10.76	10.66	10.86

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110826-5447.b\B6630.D
 Lims ID: ccv1500 Client ID:
 Inject. Date: 26-Aug-2011 15:47:19 Dil. Factor: 1.0000
 Sample Type: CCV
 Sample ID: ccv1500
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 25
 Lims Batch ID: 85696 Lims Sample ID: 24
 Sublist: chrom-PCBS*sub13
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20110826-5447.b\PCBS.m
 Last Update: 26-Aug-2011 16:02:07 Calib Date: 02-Aug-2011 16:08:12
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6234.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 26-Aug-2011 16:02:07

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									M
1	1	3.159	3.159	0.000	64781657	1434.1		100.0	
1	2	3.585	3.585	0.000	149161285	1560.2	183.2- 243.2	230.3	M
1	3	4.367	4.367	0.000	115841840	1464.9	144.8- 204.8	178.8	
1	4	4.937	4.937	0.000	90814707	1492.4	104.3- 164.3	140.2	
1	5	5.488	5.488	0.000	58137965	1517.5	55.0- 115.0	89.7	
Average of Peak Amounts =						1493.8			
2	6	3.715	3.715	0.000	36930946	1450.1		100.0	
2	7	4.289	4.289	0.000	78903516	1445.0	186.4- 246.4	213.7	
2	8	5.174	5.174	0.000	63096990	1495.8	138.3- 198.3	170.9	
2	9	5.607	5.607	0.000	29300949	1494.5	45.3- 105.3	79.3	
2	10	5.898	5.898	0.000	51415914	1490.3	106.3- 166.3	139.2	
Average of Peak Amounts =						1475.1			
						RPD = 1.26			
11 PCB-1260									
1	1	6.765	6.765	0.000	165058489	1496.7		100.0	
1	2	7.252	7.252	0.000	254570758	1518.0	121.7- 181.7	154.2	
1	3	7.487	7.487	0.000	102215609	1520.1	30.4- 90.4	61.9	
1	4	7.796	7.796	0.000	266164883	1483.5	129.9- 189.9	161.3	
1	5	8.553	8.553	0.000	159949614	1518.3	58.4- 118.4	96.9	
Average of Peak Amounts =						1507.3			
2	6	7.847	7.847	0.000	51368786	1523.8		100.0	
2	7	8.212	8.212	0.000	99842407	1500.9	165.6- 225.6	194.4	
2	8	8.647	8.647	0.000	118877417	1508.7	198.9- 258.9	231.4	
2	9	9.374	9.374	0.000	87432842	1526.3	137.4- 197.4	170.2	
2	10	9.767	9.767	0.000	94888312	1491.7	151.4- 211.4	184.7	
Average of Peak Amounts =						1510.3			
						RPD = 0.20			

Data File: \\valsvr08\ChromData\SGCA\20110826-5447.b\B6630.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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\$ 3 Dibutylchlorendate

1	1	9.561	9.561	0.000	243609762	107.6			
2	2	10.281	10.281	0.000	95933647	110.5			
							RPD =	2.72	

\$ 2 DCB Decachlorobiphenyl

1	1	10.761	10.761	0.000	157499103	101.5			
2	2	11.597	11.597	0.000	95762113	103.5			
							RPD =	1.98	

QC Flag Legend

Review Flags

M - Manually Integrated

Report Date: 26-Aug-2011 16:02:07

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20110826-5447.b\B6630.D

Injection Date: 26-Aug-2011 15:47:19

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

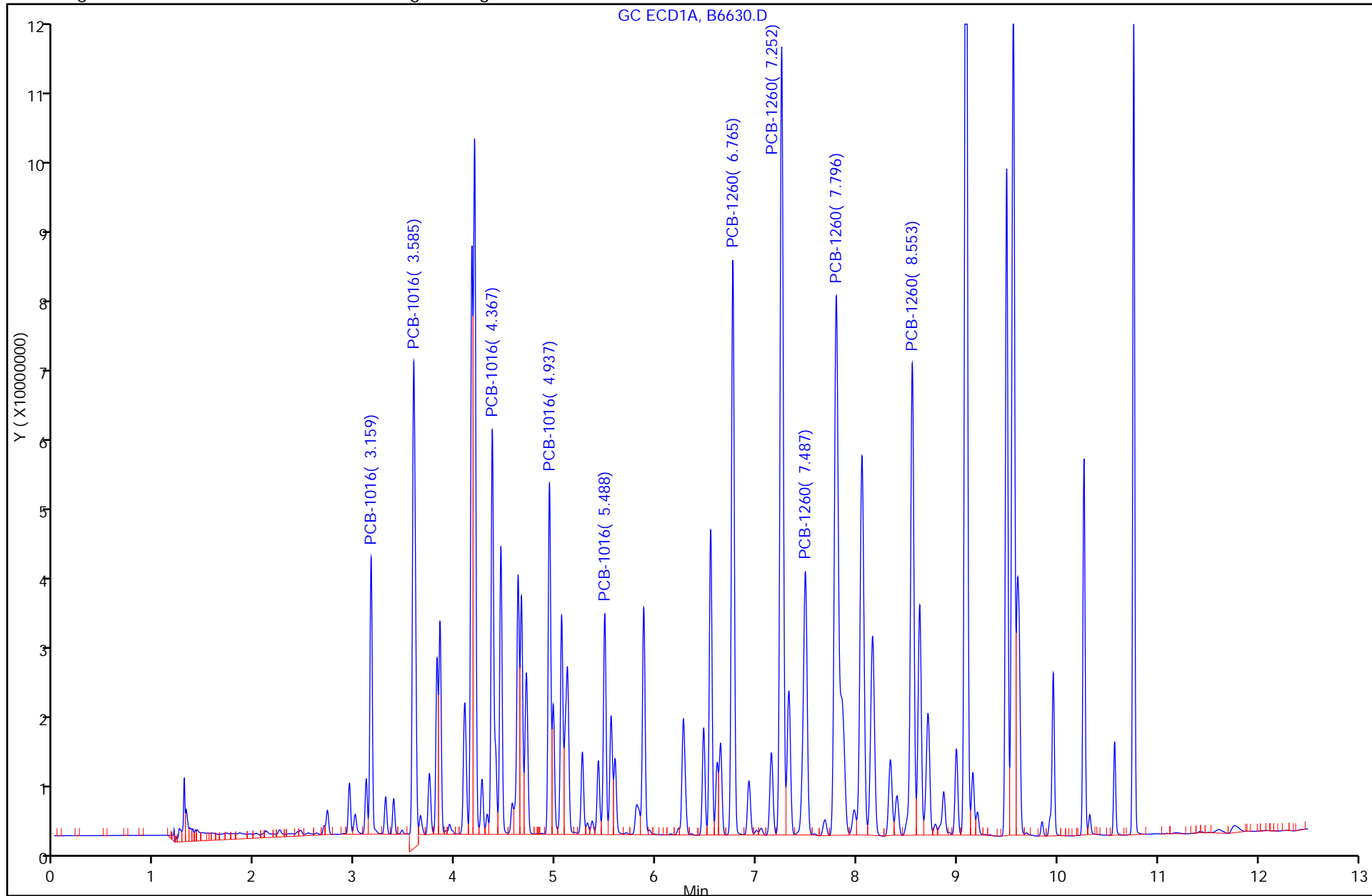
Lims Batch ID: 85696

Lims Sample ID: 24

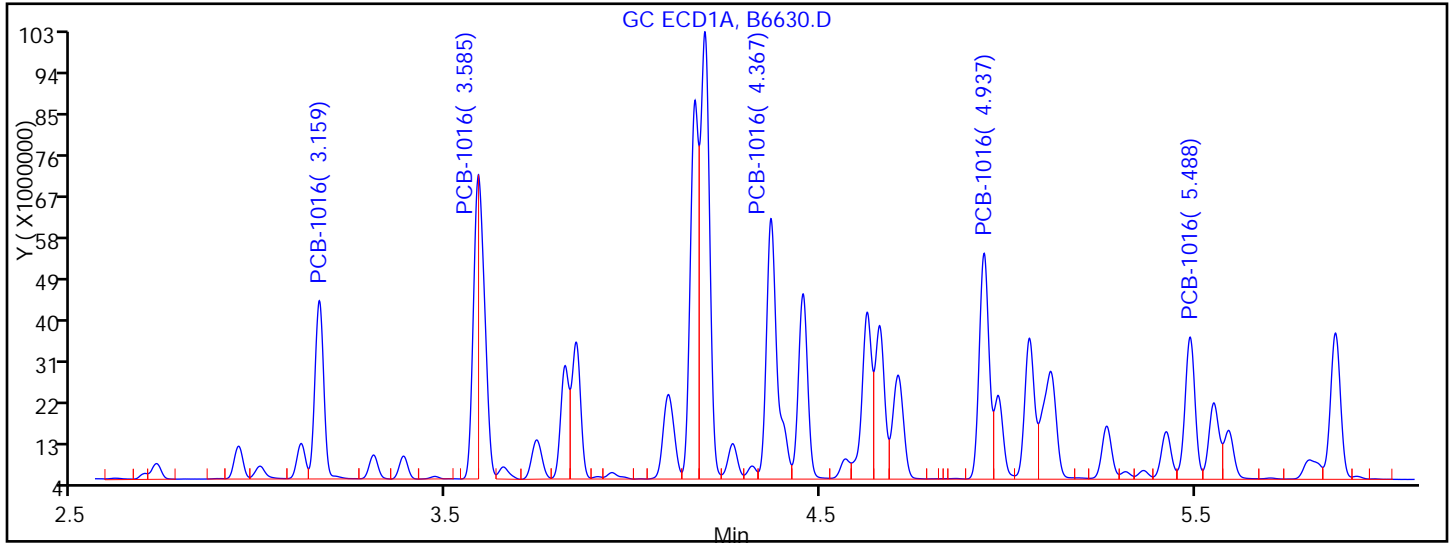
Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2

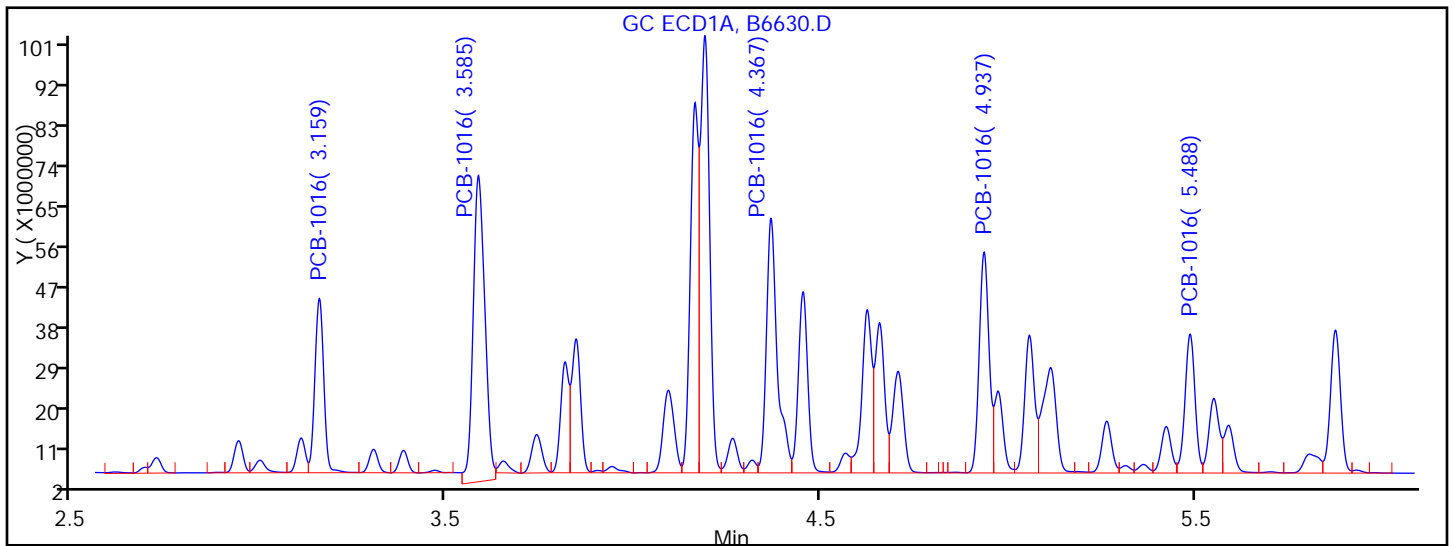


4 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.159	Response = 64781657	
RT = 3.585	Response = 62199094	M
RT = 4.367	Response = 115841840	
RT = 4.937	Response = 90814707	
RT = 5.488	Response = 58137965	



Manual Integration Results

RT = 3.159	Response = 64781657	
RT = 3.585	Response = 149161285	M
RT = 4.367	Response = 115841840	
RT = 4.937	Response = 90814707	
RT = 5.488	Response = 58137965	

Reviewer: iversc, 26-Aug-2011 16:02:07

Audit Action: Manually Integrated

Audit Reason: Baseline Smoothing

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 510-85633/1-A
 Matrix: Solid Lab File ID: B6622.D
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3541 Date Extracted: 08/25/2011 08:34
 Sample wt/vol: 30(g) Date Analyzed: 08/26/2011 13:44
 Con. Extract Vol.: 5(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 85696 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<0.010		0.010	0.0011
11104-28-2	PCB-1221	<0.010		0.010	0.0030
11141-16-5	PCB-1232	<0.010		0.010	0.0024
53469-21-9	PCB-1242	<0.010		0.010	0.0019
12672-29-6	PCB-1248	<0.010		0.010	0.0017
11097-69-1	PCB-1254	<0.010		0.010	0.0016
11096-82-5	PCB-1260	<0.010		0.010	0.00082

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	109		14-147
1770-80-5	Dibutylchloredate	67		10-132

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110826-5447.b\B6622.D
 Lims ID: MB 510-85633/1-A Client ID:
 Inject. Date: 26-Aug-2011 13:44:21 Dil. Factor: 1.0000
 Sample Type: MB
 Sample ID: mb 510-85633/1-a
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 14
 Lims Batch ID: 85696 Lims Sample ID: 16
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20110826-5447.b\PCBS.m
 Last Update: 26-Aug-2011 13:48:30 Calib Date: 02-Aug-2011 16:08:12
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6234.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc

Date: 26-Aug-2011 14:21:23

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
\$ 1 Tetrachloro-m-xylene									
1	1		0.0						1
8 Polychlorinated biphenyls, Total									
1	1		0.0						1
5 PCB-1221									
1	1		2.251						
1	2		2.946						
1	3		3.114						
1	4		3.161						
1	5		4.370						
2	6		2.514						
2	7		2.942						
2	8		3.440						
2	9		3.632						
2	10		3.717						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
7 PCB-1232									
1	1		2.943						
1	2		3.158						
1	3		3.584						
1	4		4.368						
1	5		4.454						
2	6		2.511						
2	7		3.715						
2	8		4.290						
2	9		5.177						
2	10		5.901						
4 PCB-1016									
1	1		3.159						
1	2		3.584						
1	3		4.368						
1	4		4.937						
1	5		5.488						
2	6		3.715						
2	7		4.289						
2	8		5.174						
2	9		5.605						
2	10		5.899						
10 PCB-1242									
1	1		3.163						
1	2		3.588						
1	3		4.455						
1	4		5.118						
1	5		5.593						
2	6		3.717						
2	7		4.291						
2	8		5.176						
2	9		6.569						
2	10		6.951						
6 PCB-1248									
1	1		3.585						
1	2		4.191						
1	3		5.058						
1	4		5.591						
1	5		6.474						
2	6		4.291						
2	7		5.173						
2	8		5.900						
2	9		6.568						
2	10		6.953						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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9 PCB-1254

1	1	5.552
1	2	6.290
1	3	6.475
1	4	6.923
1	5	7.798
2	6	6.565
2	7	6.879
2	8	7.773
2	9	8.288
2	10	9.243

11 PCB-1260

1	1	6.764
1	2	7.251
1	3	7.487
1	4	7.795
1	5	8.552
2	6	7.847
2	7	8.212
2	8	8.646
2	9	9.374
2	10	9.767

\$ 3 Dibutylchloroendate

1	1	9.572	9.562	0.010	137725137	66.9
2	2	10.283	10.281	0.002	79237579	92.4

RPD = 31.91

\$ 2 DCB Decachlorobiphenyl

1	1	10.766	10.761	0.005	170045220	108.9
2	2	11.599	11.599	0.000	99619703	107.6

RPD = 1.26

QC Flag Legend

Processing Flags

1 - Missing Peaks

Report Date: 26-Aug-2011 14:21:23

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20110826-5447.b\B6622.D

Injection Date: 26-Aug-2011 13:44:21

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

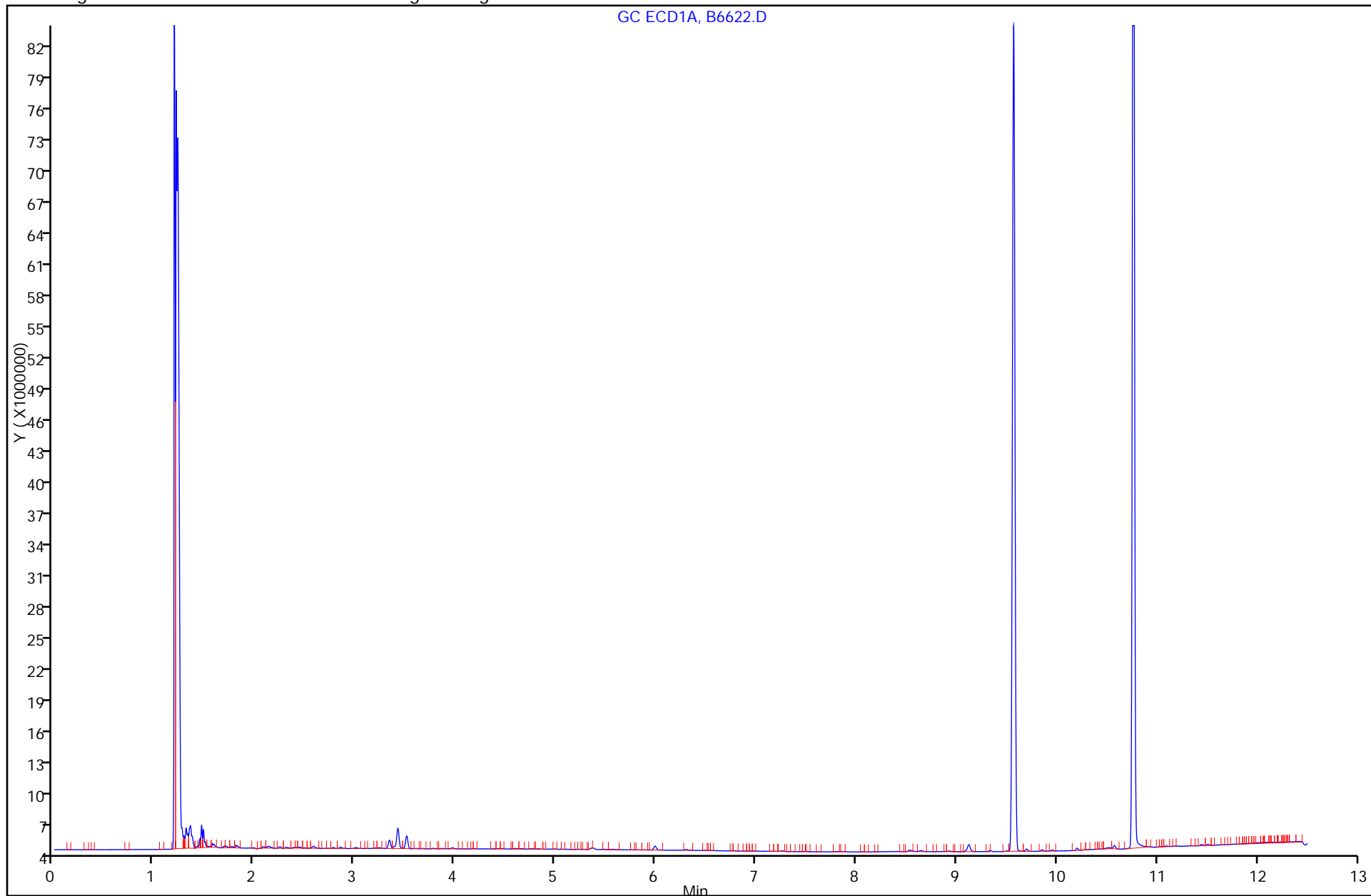
Lims Batch ID: 85696

Lims Sample ID: 16

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 510-85633/2-A
 Matrix: Solid Lab File ID: B6623.D
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3541 Date Extracted: 08/25/2011 08:34
 Sample wt/vol: 30(g) Date Analyzed: 08/26/2011 13:59
 Con. Extract Vol.: 5(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 85696 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.182		0.010	0.0011
11096-82-5	PCB-1260	0.186		0.010	0.00082

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	109		14-147
1770-80-5	Dibutylchloredate	85		10-132

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110826-5447.b\B6623.D

Lims ID: LCS 510-85633/2-A Client ID:
Inject. Date: 26-Aug-2011 13:59:45 Dil. Factor: 1.0000

Sample Type: LCS
Sample ID: lcs 510-85633/2-a

Misc. Info.:
Operator: Instrument ID: SGCA
Vol. Injected: 1.0000 ALS Bottle#: 15
Lims Batch ID: 85696 Lims Sample ID: 17

Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\valsvr08\ChromData\SGCA\20110826-5447.b\PCBS.m
Last Update: 26-Aug-2011 13:48:30 Calib Date: 02-Aug-2011 16:08:12
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6234.D
Limit Group: SGC - 1 - 8082 CAL
Integrator: Falcon
Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 26-Aug-2011 14:21:40

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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4 PCB-1016

1	1	3.162	3.159	0.003	48453067	1061.1		100.0	
1	2	3.587	3.584	0.003	104221076	1077.4	183.2- 243.2	215.1	
1	3	4.370	4.368	0.002	87667222	1102.3	144.8- 204.8	180.9	
1	4	4.940	4.937	0.003	67710034	1106.9	104.3- 164.3	139.7	
1	5	5.490	5.488	0.002	42616676	1110.4	55.0- 115.0	88.0	
Average of Peak Amounts =						1091.6			
2	6	3.716	3.715	0.001	27418517	1046.7		100.0	
2	7	4.292	4.289	0.003	59577023	1066.7	186.4- 246.4	217.3	
2	8	5.176	5.174	0.002	47157868	1091.3	138.3- 198.3	172.0	
2	9	5.608	5.605	0.003	22468598	1119.1	45.3- 105.3	81.9	
2	10	5.900	5.899	0.001	38215135	1087.1	106.3- 166.3	139.4	
Average of Peak Amounts =						1082.2			

RPD = 0.87

11 PCB-1260

1	1	6.767	6.764	0.003	122522785	1109.1		100.0	
1	2	7.254	7.251	0.003	193725751	1156.2	121.7- 181.7	158.1	
1	3	7.490	7.487	0.003	77474622	1159.3	30.4- 90.4	63.2	
1	4	7.800	7.795	0.005	212794194	1178.6	129.9- 189.9	173.7	
1	5	8.556	8.552	0.004	105772480	991.1	58.4- 118.4	86.3	
Average of Peak Amounts =						1118.9			
2	6	7.850	7.847	0.003	35993845	1058.1		100.0	
2	7	8.214	8.212	0.002	74013048	1095.4	165.6- 225.6	205.6	
2	8	8.649	8.646	0.003	88659789	1105.3	198.9- 258.9	246.3	
2	9	9.375	9.374	0.001	56607199	971.7	137.4- 197.4	157.3	
2	10	9.768	9.767	0.001	65893109	1001.0	151.4- 211.4	183.1	
Average of Peak Amounts =						1046.3			

RPD = 6.71

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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\$ 3 Dibutylchlorendate

1	1	9.564	9.562	0.002	182407796	85.0			
2	2	10.282	10.281	0.001	77278884	90.2			
						RPD = 5.92			

\$ 2 DCB Decachlorobiphenyl

1	1	10.762	10.761	0.001	169894903	108.8			
2	2	11.599	11.599	0.000	99124851	107.0			
						RPD = 1.66			

Report Date: 26-Aug-2011 14:21:40

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20110826-5447.b\B6623.D

Injection Date: 26-Aug-2011 13:59:45

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

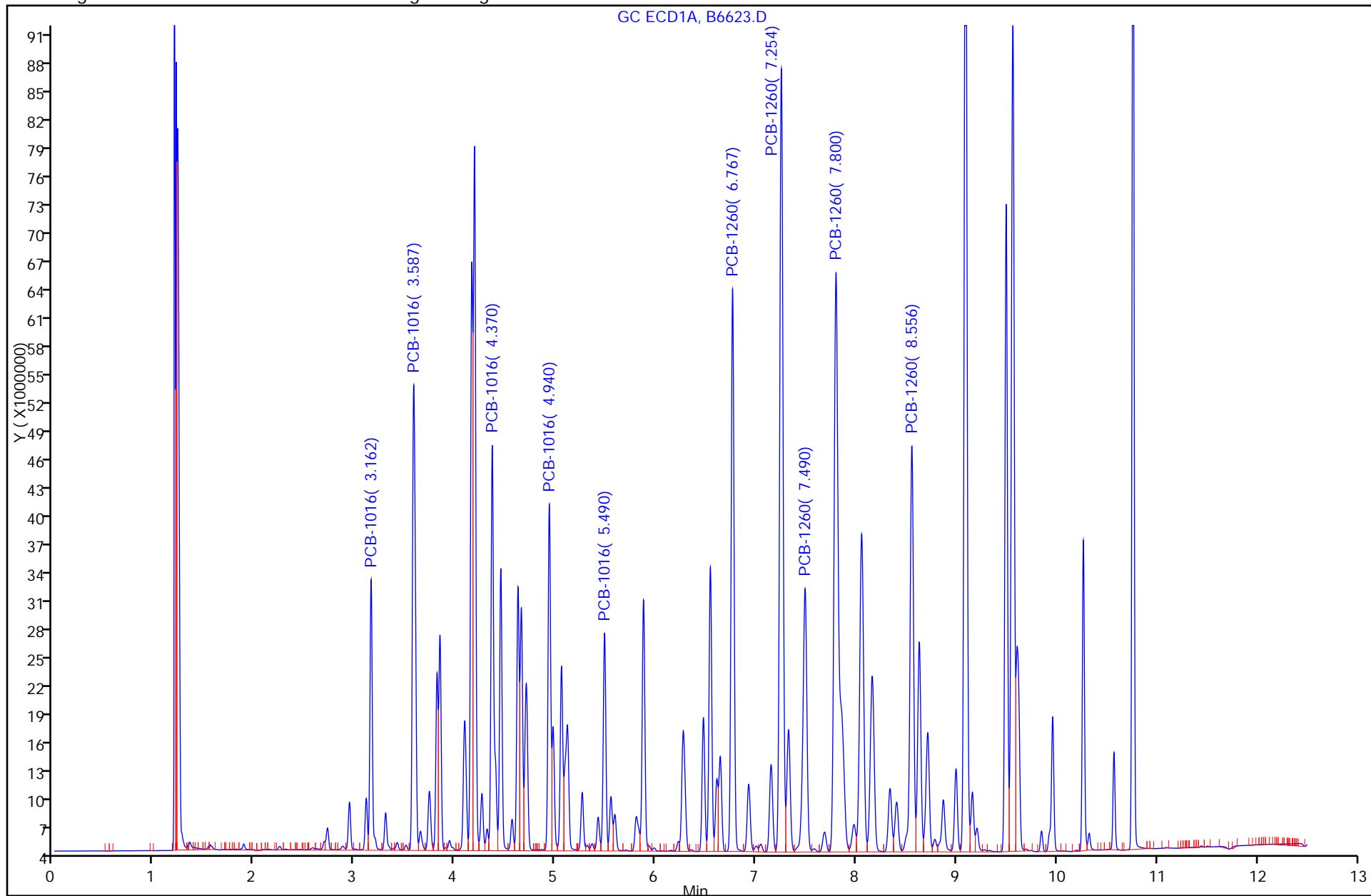
Lims Batch ID: 85696

Lims Sample ID: 17

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1
 SDG No.: _____
 Client Sample ID: EB-1 MS Lab Sample ID: 510-69171-1 MS
 Matrix: Solid Lab File ID: B6626.D
 Analysis Method: 8082 Date Collected: 08/23/2011 00:00
 Extraction Method: 3541 Date Extracted: 08/25/2011 08:34
 Sample wt/vol: 15.79(g) Date Analyzed: 08/26/2011 14:45
 Con. Extract Vol.: 5(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)
 % Moisture: 12.6 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 85696 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.386		0.022	0.0025
11096-82-5	PCB-1260	0.397		0.022	0.0018

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	102		14-147
1770-80-5	Dibutylchloredate	39		10-132

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110826-5447.b\B6626.D

Lims ID: 510-69171-A-1-B MS Client ID:
Inject. Date: 26-Aug-2011 14:45:58 Dil. Factor: 1.0000

Sample Type: MS
Sample ID: 510-69171-a-1-b ms

Misc. Info.:
Operator: Instrument ID: SGCA
Vol. Injected: 1.0000 ALS Bottle#: 18
Lims Batch ID: 85696 Lims Sample ID: 20

Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\valsvr08\ChromData\SGCA\20110826-5447.b\PCBS.m
Last Update: 26-Aug-2011 13:48:30 Calib Date: 02-Aug-2011 16:08:12
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6234.D
Limit Group: SGC - 1 - 8082 CAL
Integrator: Falcon
Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 26-Aug-2011 15:14:45

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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4 PCB-1016

1	1	3.161	3.159	0.002	46350614	1013.6		100.0	
1	2	3.587	3.584	0.003	102753796	1061.8	183.2- 243.2	221.7	
1	3	4.369	4.368	0.001	86299212	1084.8	144.8- 204.8	186.2	
1	4	4.938	4.937	0.001	66013891	1078.8	104.3- 164.3	142.4	
1	5	5.490	5.488	0.002	41747644	1087.6	55.0- 115.0	90.1	
Average of Peak Amounts =						1065.3			
2	6	3.717	3.715	0.002	25974417	987.3		100.0	
2	7	4.292	4.289	0.003	58953646	1054.7	186.4- 246.4	227.0	
2	8	5.177	5.174	0.003	46753799	1081.3	138.3- 198.3	180.0	
2	9	5.609	5.605	0.004	22289521	1109.5	45.3- 105.3	85.8	
2	10	5.900	5.899	0.001	37729879	1072.5	106.3- 166.3	145.3	
Average of Peak Amounts =						1061.1			

RPD = 0.40

11 PCB-1260

1	1	6.767	6.764	0.003	120028216	1086.4		100.0	
1	2	7.253	7.251	0.002	190065773	1134.4	121.7- 181.7	158.4	
1	3	7.489	7.487	0.002	76003611	1137.7	30.4- 90.4	63.3	
1	4	7.798	7.795	0.003	209323606	1159.0	129.9- 189.9	174.4	
1	5	8.554	8.552	0.002	103455153	968.8	58.4- 118.4	86.2	
Average of Peak Amounts =						1097.2			
2	6	7.848	7.847	0.001	35557516	1045.0		100.0	
2	7	8.213	8.212	0.001	72842475	1077.2	165.6- 225.6	204.9	
2	8	8.648	8.646	0.002	87304757	1087.5	198.9- 258.9	245.5	
2	9	9.374	9.374	0.000	55508339	952.2	137.4- 197.4	156.1	
2	10	9.768	9.767	0.001	58258290	877.4	151.4- 211.4	163.8	
Average of Peak Amounts =						1007.8			

RPD = 8.49

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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\$ 3 Dibutylchlorendate

1	1	9.555	9.562	-0.007	75452554	38.6			
2	2	10.281	10.281	0.000	20783519	23.1			
							RPD = 50.35		

\$ 2 DCB Decachlorobiphenyl

1	1	10.761	10.761	0.000	158716636	102.2			
2	2	11.598	11.599	-0.001	95166025	102.9			
							RPD = 0.66		

Report Date: 26-Aug-2011 15:14:45

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20110826-5447.b\B6626.D

Injection Date: 26-Aug-2011 14:45:58

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

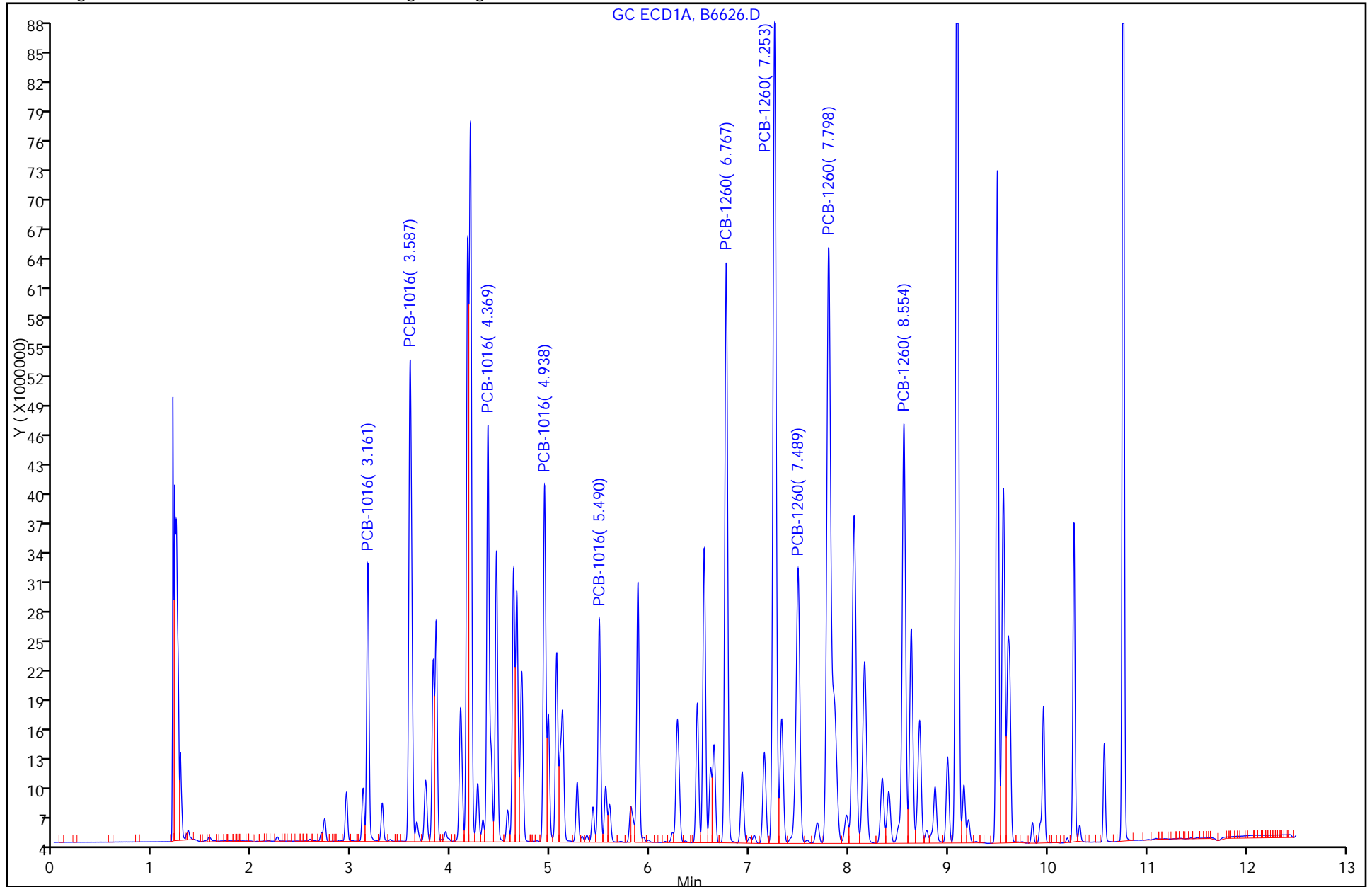
Lims Batch ID: 85696

Lims Sample ID: 20

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1
 SDG No.: _____
 Client Sample ID: EB-1 MSD Lab Sample ID: 510-69171-1 MSD
 Matrix: Solid Lab File ID: B6627.D
 Analysis Method: 8082 Date Collected: 08/23/2011 00:00
 Extraction Method: 3541 Date Extracted: 08/25/2011 08:34
 Sample wt/vol: 15.57(g) Date Analyzed: 08/26/2011 15:01
 Con. Extract Vol.: 5(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)
 % Moisture: 12.6 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 85696 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.400		0.022	0.0025
11096-82-5	PCB-1260	0.413		0.022	0.0018

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		14-147
1770-80-5	Dibutylchloredate	68		10-132

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110826-5447.b\B6627.D
 Lims ID: 510-69171-A-1-C MSD Client ID:
 Inject. Date: 26-Aug-2011 15:01:01 Dil. Factor: 1.0000
 Sample Type: MSD
 Sample ID: 510-69171-a-1-c msd
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 19
 Lims Batch ID: 85696 Lims Sample ID: 21
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20110826-5447.b\PCBS.m
 Last Update: 26-Aug-2011 13:48:30 Calib Date: 02-Aug-2011 16:08:12
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20110802-5309.b\B6234.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 26-Aug-2011 15:15:07

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags	
4 PCB-1016										
1	1	3.158	3.159	-0.001	46694685	1021.4		100.0		
1	2	3.584	3.584	0.000	104373176	1079.0	183.2- 243.2	223.5		
1	3	4.366	4.368	-0.002	88284885	1110.2	144.8- 204.8	189.1		
1	4	4.936	4.937	-0.001	67707404	1106.9	104.3- 164.3	145.0		
1	5	5.486	5.488	-0.002	43032078	1121.3	55.0- 115.0	92.2		
		Average of Peak Amounts =				1087.7				
2	6	3.716	3.715	0.001	26277925	999.7		100.0		
2	7	4.290	4.289	0.001	59889972	1072.7	186.4- 246.4	227.9		
2	8	5.175	5.174	0.001	47384867	1097.0	138.3- 198.3	180.3		
2	9	5.606	5.605	0.001	22038355	1096.0	45.3- 105.3	83.9		
2	10	5.898	5.899	-0.001	38235575	1087.7	106.3- 166.3	145.5		
		Average of Peak Amounts =				1070.6				
		RPD = 1.59								
11 PCB-1260										
1	1	6.763	6.764	-0.001	123375421	1116.9		100.0		
1	2	7.250	7.251	-0.001	194918656	1163.3	121.7- 181.7	158.0		
1	3	7.486	7.487	-0.001	77785653	1163.9	30.4- 90.4	63.0		
1	4	7.794	7.795	-0.001	213848911	1184.6	129.9- 189.9	173.3		
1	5	8.551	8.552	-0.001	105718573	990.6	58.4- 118.4	85.7		
		Average of Peak Amounts =				1123.9				
2	6	7.846	7.847	-0.001	35351422	1038.8		100.0		
2	7	8.211	8.212	-0.001	74242527	1098.9	165.6- 225.6	210.0		
2	8	8.646	8.646	0.000	88372685	1101.5	198.9- 258.9	250.0		
2	9	9.373	9.374	-0.001	56151351	963.6	137.4- 197.4	158.8		
2	10	9.765	9.767	-0.002	59296798	894.0	151.4- 211.4	167.7		
		Average of Peak Amounts =				1019.4				
		RPD = 9.75								

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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\$ 3 Dibutylchlorendate

1	1	9.558	9.562	-0.004	139857158	67.8			
2	2	10.280	10.281	-0.001	55769052	65.7			
							RPD =	3.18	

\$ 2 DCB Decachlorobiphenyl

1	1	10.760	10.761	-0.001	160094027	103.1			
2	2	11.597	11.599	-0.002	95663522	103.4			
							RPD =	0.37	

Report Date: 26-Aug-2011 15:15:07

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20110826-5447.b\B6627.D

Injection Date: 26-Aug-2011 15:01:01

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

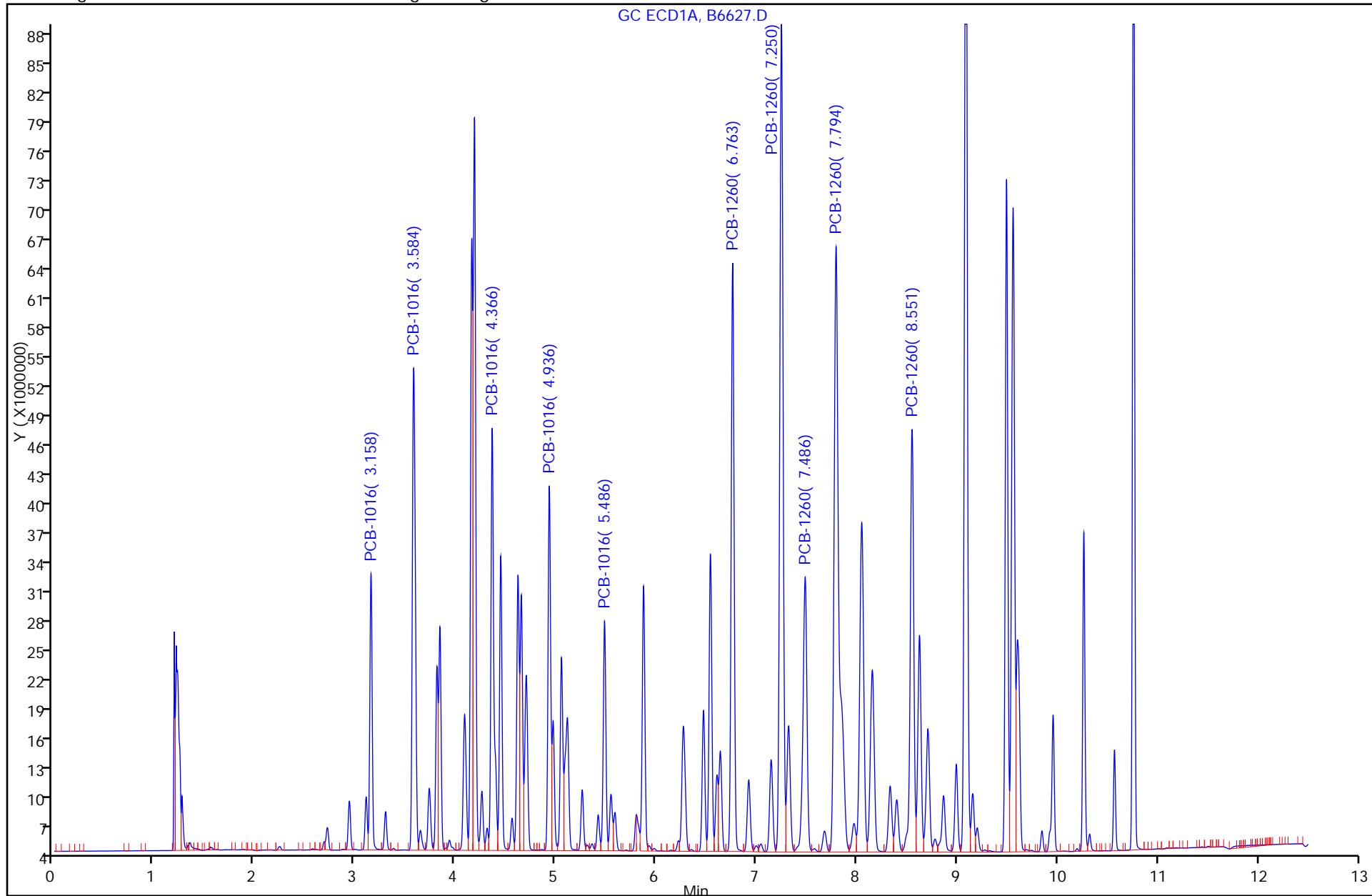
Lims Batch ID: 85696

Lims Sample ID: 21

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1

SDG No.: _____

Instrument ID: SGCA Start Date: 08/02/2011 12:50

Analysis Batch Number: 84442 End Date: 08/03/2011 00:23

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD20 510-84442/1 IC		08/02/2011 12:50	1	B6221.D	8082/608 0.53 (mm)
STD20 510-84442/1 IC		08/02/2011 12:50	1		8082/608V2 0.53 (mm)
STD50 510-84442/2 IC		08/02/2011 13:05	1	B6222.D	8082/608 0.53 (mm)
STD50 510-84442/2 IC		08/02/2011 13:05	1		8082/608V2 0.53 (mm)
STD100 510-84442/3 IC		08/02/2011 13:20	1	B6223.D	8082/608 0.53 (mm)
STD100 510-84442/3 IC		08/02/2011 13:20	1		8082/608V2 0.53 (mm)
STD250 510-84442/4 IC		08/02/2011 13:35	1	B6224.D	8082/608 0.53 (mm)
STD250 510-84442/4 IC		08/02/2011 13:35	1		8082/608V2 0.53 (mm)
STD500 510-84442/5 IC		08/02/2011 13:50	1	B6225.D	8082/608 0.53 (mm)
STD500 510-84442/5 IC		08/02/2011 13:50	1		8082/608V2 0.53 (mm)
STD1000 510-84442/6 IC		08/02/2011 14:05	1	B6226.D	8082/608 0.53 (mm)
STD1000 510-84442/6 IC		08/02/2011 14:05	1		8082/608V2 0.53 (mm)
STD1500 510-84442/7 IC		08/02/2011 14:20	1	B6227.D	8082/608 0.53 (mm)
STD1500 510-84442/7 IC		08/02/2011 14:20	1		8082/608V2 0.53 (mm)
STD2000 510-84442/8 IC		08/02/2011 14:36	1	B6228.D	8082/608 0.53 (mm)
STD2000 510-84442/8 IC		08/02/2011 14:36	1		8082/608V2 0.53 (mm)
STD3000 510-84442/9 IC		08/02/2011 14:51	1	B6229.D	8082/608 0.53 (mm)
STD3000 510-84442/9 IC		08/02/2011 14:51	1		8082/608V2 0.53 (mm)
STD1221 510-84442/10 IC		08/02/2011 15:06	1	B6230.D	8082/608 0.53 (mm)
STD1221 510-84442/10 IC		08/02/2011 15:06	1		8082/608V2 0.53 (mm)
STD1232 510-84442/11 IC		08/02/2011 15:22	1	B6231.D	8082/608 0.53 (mm)
STD1232 510-84442/11 IC		08/02/2011 15:22	1		8082/608V2 0.53 (mm)
STD1242 510-84442/12 IC		08/02/2011 15:37	1	B6232.D	8082/608 0.53 (mm)
STD1242 510-84442/12 IC		08/02/2011 15:37	1		8082/608V2 0.53 (mm)
STD1248 510-84442/13 IC		08/02/2011 15:53	1	B6233.D	8082/608 0.53 (mm)
STD1248 510-84442/13 IC		08/02/2011 15:53	1		8082/608V2 0.53 (mm)
STD1254 510-84442/14 IC		08/02/2011 16:08	1	B6234.D	8082/608 0.53 (mm)
STD1254 510-84442/14 IC		08/02/2011 16:08	1		8082/608V2 0.53 (mm)
ICV 510-84442/15		08/02/2011 16:23	1		8082/608 0.53 (mm)
ICV 510-84442/15		08/02/2011 16:23	1		8082/608V2 0.53 (mm)
CCV1500 510-84442/16		08/02/2011 16:38	1		8082/608 0.53 (mm)
CCV1500 510-84442/16		08/02/2011 16:38	1		8082/608V2 0.53 (mm)
ZZZZZ		08/02/2011 17:34	1		8082/608 0.53 (mm)
ZZZZZ		08/02/2011 17:34	1		8082/608V2 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1

SDG No.: _____

Instrument ID: SGCA Start Date: 08/02/2011 12:50

Analysis Batch Number: 84442 End Date: 08/03/2011 00:23

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		08/02/2011 17:49	1		8082/608 0.53 (mm)
ZZZZZ		08/02/2011 17:49	1		8082/608V2 0.53 (mm)
ZZZZZ		08/02/2011 18:34	1		8082/608 0.53 (mm)
ZZZZZ		08/02/2011 18:34	1		8082/608V2 0.53 (mm)
ZZZZZ		08/02/2011 18:49	1		8082/608 0.53 (mm)
ZZZZZ		08/02/2011 18:49	1		8082/608V2 0.53 (mm)
ZZZZZ		08/02/2011 19:04	1		8082/608 0.53 (mm)
ZZZZZ		08/02/2011 19:04	1		8082/608V2 0.53 (mm)
CCV1000 510-84442/28		08/02/2011 20:20	1		8082/608 0.53 (mm)
CCV1000 510-84442/28		08/02/2011 20:20	1		8082/608V2 0.53 (mm)
ZZZZZ		08/02/2011 20:35	1		8082/608 0.53 (mm)
ZZZZZ		08/02/2011 20:35	1		8082/608V2 0.53 (mm)
ZZZZZ		08/02/2011 20:51	1		8082/608 0.53 (mm)
ZZZZZ		08/02/2011 20:51	1		8082/608V2 0.53 (mm)
ZZZZZ		08/02/2011 21:06	1		8082/608 0.53 (mm)
ZZZZZ		08/02/2011 21:06	1		8082/608V2 0.53 (mm)
ZZZZZ		08/02/2011 21:21	1		8082/608 0.53 (mm)
ZZZZZ		08/02/2011 21:21	1		8082/608V2 0.53 (mm)
CCV1500 510-84442/33		08/02/2011 21:36	1		8082/608 0.53 (mm)
CCV1500 510-84442/33		08/02/2011 21:36	1		8082/608V2 0.53 (mm)
ZZZZZ		08/02/2011 21:52	1		8082/608 0.53 (mm)
ZZZZZ		08/02/2011 21:52	1		8082/608V2 0.53 (mm)
ZZZZZ		08/02/2011 22:07	1		8082/608 0.53 (mm)
ZZZZZ		08/02/2011 22:07	1		8082/608V2 0.53 (mm)
ZZZZZ		08/02/2011 22:22	10		8082/608 0.53 (mm)
ZZZZZ		08/02/2011 22:22	10		8082/608V2 0.53 (mm)
ZZZZZ		08/02/2011 22:37	1		8082/608 0.53 (mm)
ZZZZZ		08/02/2011 22:37	1		8082/608V2 0.53 (mm)
ZZZZZ		08/02/2011 22:53	10		8082/608 0.53 (mm)
ZZZZZ		08/02/2011 22:53	10		8082/608V2 0.53 (mm)
ZZZZZ		08/02/2011 23:08	1		8082/608 0.53 (mm)
ZZZZZ		08/02/2011 23:08	1		8082/608V2 0.53 (mm)
ZZZZZ		08/02/2011 23:23	10		8082/608 0.53 (mm)
ZZZZZ		08/02/2011 23:23	10		8082/608V2 0.53 (mm)
ZZZZZ		08/02/2011 23:38	1		8082/608 0.53 (mm)
ZZZZZ		08/02/2011 23:38	1		8082/608V2 0.53 (mm)
ZZZZZ		08/02/2011 23:53	1		8082/608 0.53 (mm)
ZZZZZ		08/02/2011 23:53	1		8082/608V2 0.53 (mm)
ZZZZZ		08/03/2011 00:09	1		8082/608 0.53 (mm)
ZZZZZ		08/03/2011 00:09	1		8082/608V2 0.53 (mm)
CCV1000 510-84442/44		08/03/2011 00:23	1		8082/608 0.53 (mm)
CCV1000 510-84442/44		08/03/2011 00:23	1		8082/608V2 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1

SDG No.: _____

Instrument ID: SGCA Start Date: 08/26/2011 09:45

Analysis Batch Number: 85696 End Date: 08/26/2011 15:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV1500 510-85696/1		08/26/2011 09:45	1		8082/608 0.53 (mm)
CCV1500 510-85696/1		08/26/2011 09:45	1		8082/608V2 0.53 (mm)
CCV1242 510-85696/2		08/26/2011 10:00	1		8082/608 0.53 (mm)
CCV1242 510-85696/2		08/26/2011 10:00	1		8082/608V2 0.53 (mm)
CCV1248 510-85696/3		08/26/2011 10:15	1		8082/608 0.53 (mm)
CCV1248 510-85696/3		08/26/2011 10:15	1		8082/608V2 0.53 (mm)
CCV1254 510-85696/4		08/26/2011 10:31	1		8082/608 0.53 (mm)
CCV1254 510-85696/4		08/26/2011 10:31	1		8082/608V2 0.53 (mm)
CCV1221 510-85696/5		08/26/2011 10:46	1		8082/608 0.53 (mm)
CCV1221 510-85696/5		08/26/2011 10:46	1		8082/608V2 0.53 (mm)
ZZZZZ		08/26/2011 11:01	1		8082/608 0.53 (mm)
ZZZZZ		08/26/2011 11:01	1		8082/608V2 0.53 (mm)
ZZZZZ		08/26/2011 11:17	1		8082/608 0.53 (mm)
ZZZZZ		08/26/2011 11:17	1		8082/608V2 0.53 (mm)
ZZZZZ		08/26/2011 11:32	1		8082/608 0.53 (mm)
ZZZZZ		08/26/2011 11:32	1		8082/608V2 0.53 (mm)
ZZZZZ		08/26/2011 11:47	1		8082/608 0.53 (mm)
ZZZZZ		08/26/2011 11:47	1		8082/608V2 0.53 (mm)
ZZZZZ		08/26/2011 12:03	1		8082/608 0.53 (mm)
ZZZZZ		08/26/2011 12:03	1		8082/608V2 0.53 (mm)
ZZZZZ		08/26/2011 12:18	1		8082/608 0.53 (mm)
ZZZZZ		08/26/2011 12:18	1		8082/608V2 0.53 (mm)
ZZZZZ		08/26/2011 12:33	1		8082/608 0.53 (mm)
ZZZZZ		08/26/2011 12:33	1		8082/608V2 0.53 (mm)
ZZZZZ		08/26/2011 12:48	1		8082/608 0.53 (mm)
ZZZZZ		08/26/2011 12:48	1		8082/608V2 0.53 (mm)
ZZZZZ		08/26/2011 13:04	1		8082/608 0.53 (mm)
ZZZZZ		08/26/2011 13:04	1		8082/608V2 0.53 (mm)
CCV1000 510-85696/15		08/26/2011 13:19	1	B6621.D	8082/608 0.53 (mm)
CCV1000 510-85696/15		08/26/2011 13:19	1		8082/608V2 0.53 (mm)
MB 510-85633/1-A		08/26/2011 13:44	1	B6622.D	8082/608 0.53 (mm)
ZZZZZ		08/26/2011 13:44	1		8082/608V2 0.53 (mm)
LCS 510-85633/2-A		08/26/2011 13:59	1	B6623.D	8082/608 0.53 (mm)
ZZZZZ		08/26/2011 13:59	1		8082/608V2 0.53 (mm)
ZZZZZ		08/26/2011 14:15	1		8082/608 0.53 (mm)
ZZZZZ		08/26/2011 14:15	1		8082/608V2 0.53 (mm)
510-69171-1	EB-1	08/26/2011 14:30	1	B6625.D	8082/608 0.53 (mm)
ZZZZZ		08/26/2011 14:30	1		8082/608V2 0.53 (mm)
510-69171-1 MS	EB-1 MS	08/26/2011 14:45	1	B6626.D	8082/608 0.53 (mm)
ZZZZZ		08/26/2011 14:45	1		8082/608V2 0.53 (mm)
510-69171-1 MSD	EB-1 MSD	08/26/2011 15:01	1	B6627.D	8082/608 0.53 (mm)
ZZZZZ		08/26/2011 15:01	1		8082/608V2 0.53 (mm)
510-69171-3	EB-3	08/26/2011 15:16	1	B6628.D	8082/608 0.53 (mm)
ZZZZZ		08/26/2011 15:16	1		8082/608V2 0.53 (mm)
510-69171-2	EB-2	08/26/2011 15:31	1	B6629.D	8082/608 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1

SDG No.: _____

Instrument ID: SGCA Start Date: 08/26/2011 09:45

Analysis Batch Number: 85696 End Date: 08/26/2011 15:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		08/26/2011 15:31	1		8082/608V2 0.53 (mm)
CCV1500 510-85696/24		08/26/2011 15:47	1	B6630.D	8082/608 0.53 (mm)
CCV1500 510-85696/24		08/26/2011 15:47	1		8082/608V2 0.53 (mm)

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1

SDG No.: _____

Batch Number: 85633 Batch Start Date: 08/25/11 08:34 Batch Analyst: Page, Sarah N

Batch Method: 3541 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SGPCBSKWS 00025	SGPCBSSWS 00031		
MB 510-85633/1		3541, 8082		30 g	5 mL		250 uL		
LCS 510-85633/2		3541, 8082		30 g	5 mL	250 uL	250 uL		
510-69171-A-1	EB-1	3541, 8082	T	15.61 g	5 mL		250 uL		
510-69171-A-1 MS	EB-1	3541, 8082	T	15.79 g	5 mL	250 uL	250 uL		
510-69171-A-1 MSD	EB-1	3541, 8082	T	15.57 g	5 mL	250 uL	250 uL		
510-69171-A-2	EB-2	3541, 8082	T	15.32 g	5 mL		250 uL		
510-69171-A-3	EB-3	3541, 8082	T	15.51 g	5 mL		250 uL		

Batch Notes	
Balance ID	37912
Blank Soil Lot Number	opsand_00006
Vendor lot number	ophexr_00074
Na2SO4 Lot Number	opna2so4_00020
Person's name who did the prep	Sarah Page
Solvent	hexane
First Start time	0835

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Valparaiso Job Number: 510-69171-1

SDG No.: _____

Project: South Bend Former Studebaker Foundry

Client Sample ID	Lab Sample ID
<u>EB-1</u>	<u>510-69171-1</u>
<u>EB-2</u>	<u>510-69171-2</u>
<u>EB-3</u>	<u>510-69171-3</u>

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Valparaiso

Job Number: 510-69171-1

SDG Number: _____

Matrix: Solid

Instrument ID: NOEQUIP

Method: Moisture

RL Date: 11/15/2005 14:44

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		0.1	
Percent Solids		0.1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1

SDG No.: _____

Instrument ID: NOEQUIP Method: Moisture

Start Date: 08/24/2011 16:31 End Date: 08/24/2011 16:32

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				% S o l	M o i s t																
MB 510-85607/1	1	T	16:31	X	X																
ZZZZZZ			16:31																		
ZZZZZZ			16:31																		
ZZZZZZ			16:31																		
ZZZZZZ			16:31																		
ZZZZZZ			16:31																		
ZZZZZZ			16:31																		
ZZZZZZ			16:31																		
ZZZZZZ			16:31																		
ZZZZZZ			16:31																		
ZZZZZZ			16:31																		
ZZZZZZ			16:31																		
510-69171-1	1	T	16:31	X	X																
510-69171-1 DU	1	T	16:31	X	X																
510-69171-2	1	T	16:31	X	X																
510-69171-3	1	T	16:31	X	X																
ZZZZZZ			16:31																		
ZZZZZZ			16:31																		
ZZZZZZ			16:32																		
ZZZZZZ			16:32																		
ZZZZZZ			16:32																		

Prep Types
T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-69171-1

SDG No.: _____

Batch Number: 85607 Batch Start Date: 08/24/11 16:31 Batch Analyst: Yanna, Bridget A

Batch Method: Moisture Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
MB 510-85607/1		Moisture		1	0.9938 g	11.7589 g	0.9967 g		
510-69171-A-1	EB-1	Moisture	T	14	1.0072 g	11.0532 g	9.7890 g		
510-69171-A-1 DU	EB-1	Moisture	T	15	0.9725 g	11.3764 g	10.0966 g		
510-69171-A-2	EB-2	Moisture	T	16	0.9940 g	11.1228 g	9.3805 g		
510-69171-A-3	EB-3	Moisture	T	17	1.0065 g	11.3421 g	10.0103 g		

Batch Notes	
Balance ID	p214-046004 No Unit
Date samples were placed in the oven	08-24-11
Oven Temp when samples are put in oven	104.4 Degrees C
Time samples were place in the oven	1650
Date samples were removed from oven	08-25-11
Oven Temp when samples removed from oven	103.2 Degrees C
Time Samples were removed from oven	0855
Oven ID	wc-ovn-1
ID number of the thermometer	14-986b-g
Uncorrected In Temperature	104.2 Celsius
Uncorrected Out Temperature	103 Celsius

Basis	Basis Description
T	Total/NA

Shipping and Receiving Documents

Login Sample Receipt Checklist

Client: Weaver Boos Consultants LLC

Job Number: 510-69171-1

Login Number: 69171

List Source: TestAmerica Valparaiso

List Number: 1

Creator: Looney, Christina M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	Check done at department level as required.