Integrated Analytical Laboratories LLC

ANALYTICAL DATA REPORT

JMC Environmental Consultants
2109 Bridge Avenue
Building B
Point Pleasant, NJ 08742

Project Name: **ARSYNCO**
IAL Case Number: **E12-06899**

These data have been reviewed and accepted by:

Michael H. Leffin, Ph.D.
Laboratory Director

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IAL is a NELAC New Jersey Certified Lab (14751) and maintains certification in Connecticut (PH-0699), New York (11402), Rhode Island (00126), Pennsylvania (68-00773) and in the Department of Navy IR QA Program

Sample Summary

IAL Case No.

E12-06899

Client JMC Environmental Consultants

Project ARSYNCO

Received On 7/11/2012@16:27

Lab ID	Client Sample ID	Depth Top/Bottom	Sampling Time	Matrix	# of Container
06899-001	N-38(0-2.0)	0/2	7/11/2012@08:39	Soil	1
06899-002	N-38(2.0-4.0)	2/4	7/11/2012@08:40	Soil	1
06899-003	N-38(4.0-6.0)	4/6	7/11/2012@08:41	Soil	1
06899-004	M-38(0-2.0)	0/2	7/11/2012@08:52	Soil	1
06899-005	M-38(2.0-4.0)	2/4	7/11/2012@08:53	Soil	1
06899-006	M-38(4.0-6.0)	4/6	7/11/2012@08:54	Soil	1
06899-007	L-38(0-2.0)	0/2	7/11/2012@09:01	Soil	1
06899-008	L-38(2.0-4.0)	2/4	7/11/2012@09:02	Soil	1
06899-009	L-38(4.0-6.0)	4/6	7/11/2012@09:03	Soil	1
06899-010	K-38(0-2.0)	0/2	7/11/2012@09:15	Soil	1
06899-011	K-38(2.0-4.0)	2/4	7/11/2012@09:16	Soil	1
06899-012	K-38(4.0-6.0)	4/6	7/11/2012@09:17	Soil	1
06899-013	I-39(0-2.0)	0/2	7/11/2012@09:34	Soil	1
06899-014	I-39(2.0-4.0)	2/4	7/11/2012@09:35	Soil	1
06899-015	I-39(4.0-6.0)	4/6	7/11/2012@09:36	Soil	1
06899-016	K-37(0-2.0)	0/2	7/11/2012@09:57	Soil	1
06899-017	K-37(2.0-4.0)	2/4	7/11/2012@09:58	Soil	1
06899-018	K-37(4.0-6.0)	4/6	7/11/2012@09:59	Soil	1
06899-019	L-37(0-2.0)	0/2	7/11/2012@10:11	Soil	1
06899-020	L-37(2.0-4.0)	2/4	7/11/2012@10:12	Soil	1
06899-021	L-37(4.0-6.0)	4/6	7/11/2012@10:13	Soil	1
06899-022	M-37(0-2.0)	0/2	7/11/2012@10:38	Soil	1
06899-023	M-37(2.0-4.0)	2/4	7/11/2012@10:39	Soil	1
06899-024	M-37(4.0-6.0)	4/6	7/11/2012@10:41	Soil	1
06899-025	N-37(0-2.0)	0/2	7/11/2012@11:07	Soil	1
06899-026	N-37(2.0-4.0)	2/4	7/11/2012@11:08	Soil	1
06899-027	N-37(4.0-6.0)	4/6	7/11/2012@11:10	Soil	1
06899-028	L-36(0-2.0)	0/2	7/11/2012@11:35	Soil	1
06899-029	L-36(2.0-4.0)	2/4	7/11/2012@11:36	Soil	1
06899-030	L-36(4.0-6.0)	4/6	7/11/2012@11:37	Soil	1
06899-031	K-36(0-2.0)	0/2	7/11/2012@11:55	Soil	1
06899-032	K-36(2.0-4.0)	2/4	7/11/2012@11:56	Soil	1
06899-033	K-36(4.0-6.0)	4/6	7/11/2012@11:57	Soil	1
06899-034	J-36(0-2.0)	0/2	7/11/2012@12:55	Soil	1
06899-035	J-36(2.0-4.0)	2/4	7/11/2012@12:56	Soil	1
06899-036	J-36(4.0-6.0)	4/6	7/11/2012@12:57	Soil	1
06899-037	I-36(0-2.0)	0/2	7/11/2012@13:11	Soil	1
06899-038	I-36(2.0-4.0)	2/4	7/11/2012@13:12	Soil	1
06899-039	I-36(4.0-6.0)	4/6	7/11/2012@13:13	Soil	1
06899-040	I-34(0-2.0)	0/2	7/11/2012@13:40	Soil	1
06899-041	I-34(2.0-4.0)	2/4	7/11/2012@13:42	Soil	1
06899-042	I-34(4.0-6.0)	4/6	7/11/2012@13:43	Soil	1
06899-043	H-35(0-2.0)	0/2	7/11/2012@14:24	Soil	1
06899-044	H-35(2.0-4.0)	2/4	7/11/2012@14:25	Soil	1
06899-045	H-35(4.0-6.0)	4/6	7/11/2012@14:26	Soil	1
06899-046	H-34(0-2.0)	0/2	7/11/2012@14:37	Soil	1

Integrated Analytical Labs ~ 273 Franklin Road, Randolph, NJ 07869 ~ (973) 361-4252 ~ Fax (973) 989-5288

Sample Summary

IAL Case No.

E12-06899

Client JMC Environmental Consultants

Project ARSYNCO

Received On 7/11/2012@16:27

Lab ID	*Client Sample ID*	*Depth Top/Bottom*	*Sampling Time*	*Matrix*	*# of Container*
06899-047	H-34(2.0-4.0)	2/4	7/11/2012@14:38	Soil	1
06899-048	H-34(4.0-6.0)	4/6	7/11/2012@14:40	Soil	1
06899-049	FB-10	n/a	7/11/2012@14:57	Aqueous	1

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INTEGRATED ANALYTICAL LABORATORIES, LLC.

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* Methodology is included in the IAL Project Information Page

INTEGRATED ANALYTICAL LABORATORIES, LLC.

DEFINITIONS / QUALIFIERS

DATA QUALIFIERS

B Indicates the analyte was found in the associated method blank as well as in the sample. It indicates probable laboratory contamination.

C Indicates analyte is a common laboratory contaminant.

D Indicated analyte was reported from diluted analysis.

E Identifies a compound concentration that exceeds the upper level of the calibration range of the instrument for that specific analysis.

J Indicates an estimated value. This flag is used when the concentration in the sample is below the RL but above the MDL.

REPORTING DEFINITIONS

RL Reporting Limit. The RL is determined by the lowest concentration in the calibration curve. For most Wet Chemistry methods, the RL is defined by using the PQL.

MDL Method Detection Limit as determined according to 40CFR Part 136 Appendix B.

PQL Practical Quantitation Limit. Usually defined as a value 3-5 times the MDL.

ND Indicates analyte was analyzed for but not detected above the MDL.

DF Dilution Factor

LCS Laboratory Control Sample

LCSD Laboratory Control Sample Duplicate

MS Matrix Spike

MSD Matrix Spike Duplicate

DUP Duplicate

CONFORMANCE / NON-CONFORMANCE SUMMARIES

INTEGRATED ANALYTICAL LABORATORIES, LLC.

CONFORMANCE / NONCONFORMANCE SUMMARY

Integrated Analytical Laboratories, LLC. received one (1) aqueous and forty-eight (48) soil sample(s) from JMC Environmental Consultants (IAL SDG # E12-06899, Project: ARSYNCO) on July 11, 2012 for the analysis of:

(49) TCL PCB

A review of the QA/QC measures for the analysis of the sample(s) contained in this report has been performed by:

Reviewed by

7/27/12
Date

INTEGRATED ANALYTICAL LABORATORIES
CONFORMANCE/NONCONFORMANCE SUMMARY
GC ANALYSIS - PCB'S

Lab Case Number: E12- 06899

	No	Yes
1. Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks).		✓
2. Standards Summary submitted.		✓
3. Calibration - Initial calibration performed within 30 days before sample analysis and continuing calibration performed within 12 hrs of the sample analysis.		✓
4. Blank Contamination - If yes, list compounds and concentrations in each blank:	✓	
5. Surrogate Recoveries meet criteria (if applicable). If not met, list those compounds and their recoveries which fall outside the acceptable range:		✓
6. Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range) acceptable range: MS/MSD failed criteria due to matrix interference	✓	
7. Retention Time Shift Meet Criteria (if applicable).		✓
8. Extraction Holding Time Met. If not met, list number of days exceeded for each sample:		✓
9. Analysis Holding Time Met. If not met, list number of days exceeded for each sample:		✓

Comments:

Organic Manager

07-19-12
Date

INTEGRATED ANALYTICAL LABORATORIES
CONFORMANCE/NONCONFORMANCE SUMMARY
GC ANALYSIS - PCB'S

Lab Case Number: E12- 06899

		No	Yes
1.	Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks).		✓
2.	Standards Summary submitted.		✓
3.	Calibration - Initial calibration performed within 30 days before sample analysis and continuing calibration performed within 12 hrs of the sample analysis.		✓
4.	Blank Contamination - If yes, list compounds and concentrations in each blank:	✓	
5.	Surrogate Recoveries meet criteria (if applicable). If not met, list those compounds and their recoveries which fall outside the acceptable range: diluted out 06899 # 031, 034, 035, 038, 040, 044 surrogate	✓	
6.	Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range) acceptable range: MS/MSD failed criteria due to matrix interference	✓	
7.	Retention Time Shift Meet Criteria (if applicable).		✓
8.	Extraction Holding Time Met. If not met, list number of days exceeded for each sample:		✓
9.	Analysis Holding Time Met. If not met, list number of days exceeded for each sample:		✓

Comments: please see next page

Organic Manager

07-25-12
Date

INTEGRATED ANALYTICAL LABORATORIES
CONFORMANCE/NONCONFORMANCE SUMMARY
GC ANALYSIS - PCB'S, PESTICIDES, HERBICIDES

Additional comments for GC analytical results

Client/ Project: JMC/ARSYNCO

IAL Case Number: E12 - 06899

GC Analysis: PCB'S [X]

PESTICIDES [ ]

HERBICIDES [ ]

(check box for correct analysis)

As per EPA Method SW-846 8000C Section 11.10.4, the following samples are being reported with compound results that are significantly higher (> 40%) difference between primary and secondary column quantitations:

06899#041

This exceedence is caused by sample matrix interference in the analytical run.

INTEGRATED ANALYTICAL LABORATORIES
CONFORMANCE/NONCONFORMANCE SUMMARY
GC ANALYSIS - PCB'S

Lab Case Number: E12 - 06899

		No	Yes
1.	Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks).		✓
2.	Standards Summary submitted.		✓
3.	Calibration - Initial calibration performed within 30 days before sample analysis and continuing calibration performed within 12 hrs of the sample analysis.		✓
4.	Blank Contamination - If yes, list compounds and concentrations in each blank:	✓	
5.	Surrogate Recoveries meet criteria (if applicable). If not met, list those compounds and their recoveries which fall outside the acceptable range: 06899 #013, 014 Surrogate diluted out	✓	
6.	Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range) acceptable range:		✓
7.	Retention Time Shift Meet Criteria (if applicable).		✓
8.	Extraction Holding Time Met. If not met, list number of days exceeded for each sample:		✓
9.	Analysis Holding Time Met. If not met, list number of days exceeded for each sample:		✓

Comments: please see next page

Organic Manager

07-25-12
Date

INTEGRATED ANALYTICAL LABORATORIES
CONFORMANCE/NONCONFORMANCE SUMMARY
GC ANALYSIS - PCB'S, PESTICIDES, HERBICIDES

Additional comments for GC analytical results

Client/ Project: JMC/ARSYNCO

IAL Case Number: E12 - 06899

GC Analysis:	
PCB'S	X
PESTICIDES	
HERBICIDES	

(check box for correct analysis)

As per EPA Method SW-846 8000C Section 11.10.4, the following samples are being reported with compound results that are significantly higher (> 40%) difference between primary and secondary column quantitations:

06899 # 007
008
013
014

This exceedence is caused by sample matrix interference in the analytical run.

INTEGRATED ANALYTICAL LABORATORIES
CONFORMANCE/NONCONFORMANCE SUMMARY
GC ANALYSIS - PCB'S

Lab Case Number: E12 - 06899

		No	Yes
1.	Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks).		✓
2.	Standards Summary submitted.		✓
3.	Calibration - Initial calibration performed within 30 days before sample analysis and continuing calibration performed within 12 hrs of the sample analysis.		✓
4.	Blank Contamination - If yes, list compounds and concentrations in each blank:	✓	
5.	Surrogate Recoveries meet criteria (if applicable). If not met, list those compounds and their recoveries which fall outside the acceptable range:	✓	
6.	Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range) acceptable range:		✓
7.	Retention Time Shift Meet Criteria (if applicable).		✓
8.	Extraction Holding Time Met. If not met, list number of days exceeded for each sample:		✓
9.	Analysis Holding Time Met. If not met, list number of days exceeded for each sample:		✓

Comments: please see next page

Organic Manager

07-26-12
Date

INTEGRATED ANALYTICAL LABORATORIES
CONFORMANCE/NONCONFORMANCE SUMMARY
GC ANALYSIS - PCB'S, PESTICIDES, HERBICIDES

Additional comments for GC analytical results

Client/ Project: JMC / ARSYNCO

IAL Case Number: E12 - 06899

GC Analysis:		
	PCB'S	X
	PESTICIDES	
	HERBICIDES	

(check box for correct analysis)

As per EPA Method SW-846 8000C Section 11.10.4, the following samples are being reported with compound results that are significantly higher (> 40%) difference between primary and secondary column quantitations:

06899#015
#024
#026
#028

This exceedence is caused by sample matrix interference in the analytical run.

rev 01/12

RESULTS SUMMARY REPORT

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-06899

Lab ID:	**06899-049**		
Client ID:	**FB-10**		
Matrix:	**Aqueous**		
Sampled Date	**7/11/12**		
PARAMETER(Units)	Conc	Q	MDL
PCB's (Units)	*(mg/L-ppm)*		
Aroclor-1016	ND		0.00002
Aroclor-1221	ND		0.00002
Aroclor-1232	ND		0.00002
Aroclor-1242	ND		0.00002
Aroclor-1248	ND		0.00002
Aroclor-1254	ND		0.00002
Aroclor-1260	ND		0.00002
Aroclor-1262	ND		0.00002
Aroclor-1268	ND		0.00002
PCBs	ND		0.00002

Lab ID:	**06899-001**			**06899-002**			**06899-003**			**06899-004**		
Client ID:	**N-38(0-2.0)**			**N-38(2.0-4.0)**			**N-38(4.0-6.0)**			**M-38(0-2.0)**		
Depth:	**0/2**			**2/4**			**4/6**			**0/2**		
Matrix:	**Soil**			**Soil**			**Soil**			**Soil**		
Sampled Date	**7/11/12**			**7/11/12**			**7/11/12**			**7/11/12**		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.016	ND		0.016	ND		0.063	ND		0.016
Aroclor-1221	ND		0.016	ND		0.016	ND		0.063	ND		0.016
Aroclor-1232	ND		0.016	ND		0.016	ND		0.063	ND		0.016
Aroclor-1242	ND		0.016	ND		0.016	ND		0.063	ND		0.016
Aroclor-1248	6.74		0.016	ND		0.016	ND		0.063	0.664		0.016
Aroclor-1254	ND		0.016	ND		0.016	ND		0.063	ND		0.016
Aroclor-1260	ND		0.016	ND		0.016	ND		0.063	ND		0.016
Aroclor-1262	ND		0.016	ND		0.016	ND		0.063	ND		0.016
Aroclor-1268	ND		0.016	ND		0.016	ND		0.063	ND		0.016
PCBs	6.74		0.016	ND		0.016	ND		0.063	0.664		0.016

Lab ID:	**06899-005**			**06899-006**			**06899-007**			**06899-008**		
Client ID:	**M-38(2.0-4.0)**			**M-38(4.0-6.0)**			**L-38(0-2.0)**			**L-38(2.0-4.0)**		
Depth:	**2/4**			**4/6**			**0/2**			**2/4**		
Matrix:	**Soil**			**Soil**			**Soil**			**Soil**		
Sampled Date	**7/11/12**			**7/11/12**			**7/11/12**			**7/11/12**		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.017	ND		0.016	ND		0.025	ND		0.028
Aroclor-1221	ND		0.017	ND		0.016	ND		0.025	ND		0.028
Aroclor-1232	ND		0.017	ND		0.016	ND		0.025	ND		0.028
Aroclor-1242	ND		0.017	ND		0.016	ND		0.025	ND		0.028
Aroclor-1248	0.030	J	0.017	ND		0.016	0.156		0.025	0.146		0.028
Aroclor-1254	ND		0.017	ND		0.016	0.121		0.025	0.111		0.028
Aroclor-1260	ND		0.017	ND		0.016	ND		0.025	ND		0.028
Aroclor-1262	ND		0.017	ND		0.016	ND		0.025	ND		0.028
Aroclor-1268	ND		0.017	ND		0.016	ND		0.025	ND		0.028
PCBs	0.030	J	0.017	ND		0.016	0.277		0.025	0.257		0.028

J= The concentration was detected at a value below RL and above MDL
ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-06899

Lab ID:	06899-009			06899-010			06899-011			06899-012		
Client ID:	L-38(4.0-6.0)			K-38(0-2.0)			K-38(2.0-4.0)			K-38(4.0-6.0)		
Depth:	4/6			0/2			2/4			4/6		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/11/12			7/11/12			7/11/12			7/11/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.054	ND		0.171	ND		0.031	ND		0.021
Aroclor-1221	ND		0.054	ND		0.171	ND		0.031	ND		0.021
Aroclor-1232	ND		0.054	ND		0.171	ND		0.031	ND		0.021
Aroclor-1242	ND		0.054	ND		0.171	ND		0.031	ND		0.021
Aroclor-1248	ND		0.054	12.6		0.171	2.84		0.031	0.133		0.021
Aroclor-1254	ND		0.054	ND		0.171	ND		0.031	ND		0.021
Aroclor-1260	ND		0.054	ND		0.171	ND		0.031	ND		0.021
Aroclor-1262	ND		0.054	ND		0.171	ND		0.031	ND		0.021
Aroclor-1268	ND		0.054	ND		0.171	ND		0.031	ND		0.021
PCBs	ND		0.054	12.6		0.171	2.84		0.031	0.133		0.021

Lab ID:	06899-013			06899-014			06899-015			06899-016		
Client ID:	I-39(0-2.0)			I-39(2.0-4.0)			I-39(4.0-6.0)			K-37(0-2.0)		
Depth:	0/2			2/4			4/6			0/2		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/11/12			7/11/12			7/11/12			7/11/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		2.19	ND		3.40	ND		0.027	ND		2.17
Aroclor-1221	ND		2.19	ND		3.40	ND		0.027	ND		2.17
Aroclor-1232	ND		2.19	ND		3.40	ND		0.027	ND		2.17
Aroclor-1242	ND		2.19	ND		3.40	ND		0.027	ND		2.17
Aroclor-1248	626		2.19	363		3.40	2.10		0.027	63.1		2.17
Aroclor-1254	ND		2.19	ND		3.40	ND		0.027	ND		2.17
Aroclor-1260	107		2.19	ND		3.40	ND		0.027	ND		2.17
Aroclor-1262	ND		2.19	ND		3.40	ND		0.027	ND		2.17
Aroclor-1268	ND		2.19	ND		3.40	ND		0.027	ND		2.17
PCBs	733		2.19	363		3.40	2.10		0.027	63.1		2.17

Lab ID:	06899-017			06899-018			06899-019			06899-020		
Client ID:	K-37(2.0-4.0)			K-37(4.0-6.0)			L-37(0-2.0)			L-37(2.0-4.0)		
Depth:	2/4			4/6			0/2			2/4		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/11/12			7/11/12			7/11/12			7/11/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.027	ND		0.022	ND		0.031	ND		0.016
Aroclor-1221	ND		0.027	ND		0.022	ND		0.031	ND		0.016
Aroclor-1232	ND		0.027	ND		0.022	ND		0.031	ND		0.016
Aroclor-1242	ND		0.027	ND		0.022	ND		0.031	ND		0.016
Aroclor-1248	0.959		0.027	0.122		0.022	6.90		0.031	3.18		0.016
Aroclor-1254	ND		0.027	ND		0.022	ND		0.031	ND		0.016
Aroclor-1260	ND		0.027	ND		0.022	ND		0.031	ND		0.016
Aroclor-1262	ND		0.027	ND		0.022	ND		0.031	ND		0.016
Aroclor-1268	ND		0.027	ND		0.022	ND		0.031	ND		0.016
PCBs	0.959		0.027	0.122		0.022	6.90		0.031	3.18		0.016

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-06899

Lab ID:	06899-021			06899-022			06899-023			06899-024		
Client ID:	L-37(4.0-6.0)			M-37(0-2.0)			M-37(2.0-4.0)			M-37(4.0-6.0)		
Depth:	4/6			0/2			2/4			4/6		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/11/12			7/11/12			7/11/12			7/11/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.023	ND		0.015	ND		0.016	ND		0.019
Aroclor-1221	ND		0.023	ND		0.015	ND		0.016	ND		0.019
Aroclor-1232	ND		0.023	ND		0.015	ND		0.016	ND		0.019
Aroclor-1242	ND		0.023	ND		0.015	ND		0.016	ND		0.019
Aroclor-1248	ND		0.023	0.245		0.015	0.814		0.016	0.223		0.019
Aroclor-1254	ND		0.023	ND		0.015	ND		0.016	ND		0.019
Aroclor-1260	ND		0.023	ND		0.015	ND		0.016	ND		0.019
Aroclor-1262	ND		0.023	ND		0.015	ND		0.016	ND		0.019
Aroclor-1268	ND		0.023	ND		0.015	ND		0.016	ND		0.019
PCBs	ND		0.023	0.245		0.015	0.814		0.016	0.223		0.019

Lab ID:	06899-025			06899-026			06899-027			06899-028		
Client ID:	N-37(0-2.0)			N-37(2.0-4.0)			N-37(4.0-6.0)			L-36(0-2.0)		
Depth:	0/2			2/4			4/6			0/2		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/11/12			7/11/12			7/11/12			7/11/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.020	ND		0.018	ND		0.018	ND		0.017
Aroclor-1221	ND		0.020	ND		0.018	ND		0.018	ND		0.017
Aroclor-1232	ND		0.020	ND		0.018	ND		0.018	ND		0.017
Aroclor-1242	ND		0.020	ND		0.018	ND		0.018	ND		0.017
Aroclor-1248	1.76		0.020	2.70		0.018	ND		0.018	0.752		0.017
Aroclor-1254	ND		0.020	ND		0.018	ND		0.018	ND		0.017
Aroclor-1260	ND		0.020	0.572		0.018	ND		0.018	ND		0.017
Aroclor-1262	ND		0.020	ND		0.018	ND		0.018	ND		0.017
Aroclor-1268	ND		0.020	ND		0.018	ND		0.018	ND		0.017
PCBs	1.76		0.020	3.27		0.018	ND		0.018	0.752		0.017

Lab ID:	06899-029			06899-030			06899-031			06899-032		
Client ID:	L-36(2.0-4.0)			L-36(4.0-6.0)			K-36(0-2.0)			K-36(2.0-4.0)		
Depth:	2/4			4/6			0/2			2/4		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/11/12			7/11/12			7/11/12			7/11/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.016	ND		0.046	ND		0.166	ND		0.019
Aroclor-1221	ND		0.016	ND		0.046	ND		0.166	ND		0.019
Aroclor-1232	ND		0.016	ND		0.046	ND		0.166	ND		0.019
Aroclor-1242	ND		0.016	ND		0.046	ND		0.166	ND		0.019
Aroclor-1248	3.23		0.016	ND		0.046	51.3		0.166	0.575		0.019
Aroclor-1254	ND		0.016	ND		0.046	ND		0.166	ND		0.019
Aroclor-1260	ND		0.016	ND		0.046	ND		0.166	ND		0.019
Aroclor-1262	ND		0.016	ND		0.046	ND		0.166	ND		0.019
Aroclor-1268	ND		0.016	ND		0.046	ND		0.166	ND		0.019
PCBs	3.23		0.016	ND		0.046	51.3		0.166	0.575		0.019

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-06899

Lab ID:	**06899-033**			**06899-034**			**06899-035**			**06899-036**	
Client ID:	**K-36(4.0-6.0)**			**J-36(0-2.0)**			**J-36(2.0-4.0)**			**J-36(4.0-6.0)**	
Depth:	**4/6**			**0/2**			**2/4**			**4/6**	
Matrix:	**Soil**			**Soil**			**Soil**			**Soil**	
Sampled Date	**7/11/12**			**7/11/12**			**7/11/12**			**7/11/12**	
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*	
Aroclor-1016	ND		0.047	ND		17.5	ND		1.97	ND		0.029
Aroclor-1221	ND		0.047	ND		17.5	ND		1.97	ND		0.029
Aroclor-1232	ND		0.047	ND		17.5	ND		1.97	ND		0.029
Aroclor-1242	ND		0.047	ND		17.5	ND		1.97	ND		0.029
Aroclor-1248	ND		0.047	1950		17.5	612		1.97	2.06		0.029
Aroclor-1254	ND		0.047	ND		17.5	ND		1.97	ND		0.029
Aroclor-1260	ND		0.047	ND		17.5	ND		1.97	ND		0.029
Aroclor-1262	ND		0.047	ND		17.5	ND		1.97	ND		0.029
Aroclor-1268	ND		0.047	ND		17.5	ND		1.97	ND		0.029
PCBs	ND		0.047	1950		17.5	612		1.97	2.06		0.029

Lab ID:	**06899-037**			**06899-038**			**06899-039**			**06899-040**	
Client ID:	**I-36(0-2.0)**			**I-36(2.0-4.0)**			**I-36(4.0-6.0)**			**I-34(0-2.0)**	
Depth:	**0/2**			**2/4**			**4/6**			**0/2**	
Matrix:	**Soil**			**Soil**			**Soil**			**Soil**	
Sampled Date	**7/11/12**			**7/11/12**			**7/11/12**			**7/11/12**	
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*	
Aroclor-1016	ND		1.72	ND		2.15	ND		0.049	ND		1.95
Aroclor-1221	ND		1.72	ND		2.15	ND		0.049	ND		1.95
Aroclor-1232	ND		1.72	ND		2.15	ND		0.049	ND		1.95
Aroclor-1242	ND		1.72	ND		2.15	ND		0.049	ND		1.95
Aroclor-1248	185		1.72	134		2.15	ND		0.049	122		1.95
Aroclor-1254	ND		1.72	ND		2.15	ND		0.049	ND		1.95
Aroclor-1260	ND		1.72	ND		2.15	ND		0.049	ND		1.95
Aroclor-1262	ND		1.72	ND		2.15	ND		0.049	ND		1.95
Aroclor-1268	ND		1.72	ND		2.15	ND		0.049	ND		1.95
PCBs	185		1.72	134		2.15	ND		0.049	122		1.95

Lab ID:	**06899-041**			**06899-042**			**06899-043**			**06899-044**	
Client ID:	**I-34(2.0-4.0)**			**I-34(4.0-6.0)**			**H-35(0-2.0)**			**H-35(2.0-4.0)**	
Depth:	**2/4**			**4/6**			**0/2**			**2/4**	
Matrix:	**Soil**			**Soil**			**Soil**			**Soil**	
Sampled Date	**7/11/12**			**7/11/12**			**7/11/12**			**7/11/12**	
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*	
Aroclor-1016	ND		0.024	ND		0.023	ND		0.169	ND		1.81
Aroclor-1221	ND		0.024	ND		0.023	ND		0.169	ND		1.81
Aroclor-1232	ND		0.024	ND		0.023	ND		0.169	ND		1.81
Aroclor-1242	ND		0.024	ND		0.023	ND		0.169	ND		1.81
Aroclor-1248	0.096		0.024	0.130		0.023	25.4		0.169	143		1.81
Aroclor-1254	ND		0.024	ND		0.023	ND		0.169	ND		1.81
Aroclor-1260	0.067		0.024	ND		0.023	ND		0.169	ND		1.81
Aroclor-1262	ND		0.024	ND		0.023	ND		0.169	ND		1.81
Aroclor-1268	ND		0.024	ND		0.023	ND		0.169	ND		1.81
PCBs	0.163		0.024	0.130		0.023	25.4		0.169	143		1.81

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-06899

Lab ID:	06899-045			06899-046			06899-047			06899-048		
Client ID:	H-35(4.0-6.0)			H-34(0-2.0)			H-34(2.0-4.0)			H-34(4.0-6.0)		
Depth:	4/6			0/2			2/4			4/6		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/11/12			7/11/12			7/11/12			7/11/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.027	ND		0.175	ND		0.015	ND		0.022
Aroclor-1221	ND		0.027	ND		0.175	ND		0.015	ND		0.022
Aroclor-1232	ND		0.027	ND		0.175	ND		0.015	ND		0.022
Aroclor-1242	ND		0.027	ND		0.175	ND		0.015	ND		0.022
Aroclor-1248	ND		0.027	64.0		0.175	4.21		0.015	ND		0.022
Aroclor-1254	ND		0.027	ND		0.175	ND		0.015	ND		0.022
Aroclor-1260	ND		0.027	ND		0.175	ND		0.015	ND		0.022
Aroclor-1262	ND		0.027	ND		0.175	ND		0.015	ND		0.022
Aroclor-1268	ND		0.027	ND		0.175	ND		0.015	ND		0.022
PCBs	ND		0.027	64.0		0.175	4.21		0.015	ND		0.022

ND = Analyzed for but Not Detected at the MDL

ANALYTICAL RESULTS

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-001
Client ID: N-38(0-2.0
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/23/2012
Data file: Y7243.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.64g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 11.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.040	0.016
Aroclor-1221	ND		0.040	0.016
Aroclor-1232	ND		0.040	0.016
Aroclor-1242	ND		0.040	0.016
Aroclor-1248	6.74		0.040	0.016
Aroclor-1254	ND		0.040	0.016
Aroclor-1260	ND		0.040	0.016
Aroclor-1262	ND		0.040	0.016
Aroclor-1268	ND		0.040	0.016
PCBs	6.74		0.040	0.016

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-002
Client ID: N-38(2.0-4
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/23/2012
Data file: Y7244.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.58g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 9.20

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.040	0.016
Aroclor-1221	ND		0.040	0.016
Aroclor-1232	ND		0.040	0.016
Aroclor-1242	ND		0.040	0.016
Aroclor-1248	ND		0.040	0.016
Aroclor-1254	ND		0.040	0.016
Aroclor-1260	ND		0.040	0.016
Aroclor-1262	ND		0.040	0.016
Aroclor-1268	ND		0.040	0.016
PCBs	ND		0.040	0.016

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-003
Client ID: N-38(4.0-6
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/23/2012
Data file: Y7245.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.09g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 75.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.158	0.063
Aroclor-1221	ND		0.158	0.063
Aroclor-1232	ND		0.158	0.063
Aroclor-1242	ND		0.158	0.063
Aroclor-1248	ND		0.158	0.063
Aroclor-1254	ND		0.158	0.063
Aroclor-1260	ND		0.158	0.063
Aroclor-1262	ND		0.158	0.063
Aroclor-1268	ND		0.158	0.063
PCBs	ND		0.158	0.063

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-004
Client ID: M-38(0-2.0
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/23/2012
Data file: Y7246.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.66g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 9.20

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.039	0.016
Aroclor-1221	ND		0.039	0.016
Aroclor-1232	ND		0.039	0.016
Aroclor-1242	ND		0.039	0.016
Aroclor-1248	0.664		0.039	0.016
Aroclor-1254	ND		0.039	0.016
Aroclor-1260	ND		0.039	0.016
Aroclor-1262	ND		0.039	0.016
Aroclor-1268	ND		0.039	0.016
PCBs	0.664		0.039	0.016

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-005
Client ID: M-38(2.0-4
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/23/2012
Data file: Y7247.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.17g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 7.90

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.042	0.017
Aroclor-1221	ND		0.042	0.017
Aroclor-1232	ND		0.042	0.017
Aroclor-1242	ND		0.042	0.017
Aroclor-1248	0.030	J	0.042	0.017
Aroclor-1254	ND		0.042	0.017
Aroclor-1260	ND		0.042	0.017
Aroclor-1262	ND		0.042	0.017
Aroclor-1268	ND		0.042	0.017
PCBs	0.030	J	0.042	0.017

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-006
Client ID: M-38(4.0-6
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/23/2012
Data file: Y7248.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.64g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 8.90

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.039	0.016
Aroclor-1221	ND		0.039	0.016
Aroclor-1232	ND		0.039	0.016
Aroclor-1242	ND		0.039	0.016
Aroclor-1248	ND		0.039	0.016
Aroclor-1254	ND		0.039	0.016
Aroclor-1260	ND		0.039	0.016
Aroclor-1262	ND		0.039	0.016
Aroclor-1268	ND		0.039	0.016
PCBs	ND		0.039	0.016

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-007
Client ID: L-38(0-2.0
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/23/2012
Data file: Y7249.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.95g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 46.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.062	0.025
Aroclor-1221	ND		0.062	0.025
Aroclor-1232	ND		0.062	0.025
Aroclor-1242	ND		0.062	0.025
Aroclor-1248	0.156		0.062	0.025
Aroclor-1254	0.121		0.062	0.025
Aroclor-1260	ND		0.062	0.025
Aroclor-1262	ND		0.062	0.025
Aroclor-1268	ND		0.062	0.025
PCBs	0.277		0.062	0.025

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-008
Client ID: L-38(2.0-4
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/23/2012
Data file: Y7250.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.27g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 46.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.070	0.028
Aroclor-1221	ND		0.070	0.028
Aroclor-1232	ND		0.070	0.028
Aroclor-1242	ND		0.070	0.028
Aroclor-1248	0.146		0.070	0.028
Aroclor-1254	0.111		0.070	0.028
Aroclor-1260	ND		0.070	0.028
Aroclor-1262	ND		0.070	0.028
Aroclor-1268	ND		0.070	0.028
PCBs	0.257		0.070	0.028

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-009
Client ID: L-38(4.0-6
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/23/2012
Data file: Y7251.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.54g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 73.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.135	0.054
Aroclor-1221	ND		0.135	0.054
Aroclor-1232	ND		0.135	0.054
Aroclor-1242	ND		0.135	0.054
Aroclor-1248	ND		0.135	0.054
Aroclor-1254	ND		0.135	0.054
Aroclor-1260	ND		0.135	0.054
Aroclor-1262	ND		0.135	0.054
Aroclor-1268	ND		0.135	0.054
PCBs	ND		0.135	0.054

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-010
Client ID: K-38(0-2.0
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/25/2012
Data file: Y7343.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.51g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 15.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.428	0.171
Aroclor-1221	ND		0.428	0.171
Aroclor-1232	ND		0.428	0.171
Aroclor-1242	ND		0.428	0.171
Aroclor-1248	12.6		0.428	0.171
Aroclor-1254	ND		0.428	0.171
Aroclor-1260	ND		0.428	0.171
Aroclor-1262	ND		0.428	0.171
Aroclor-1268	ND		0.428	0.171
PCBs	12.6		0.428	0.171

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-011
Client ID: K-38(2.0-4
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/23/2012
Data file: Y7253.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.45g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 52.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.078	0.031
Aroclor-1221	ND		0.078	0.031
Aroclor-1232	ND		0.078	0.031
Aroclor-1242	ND		0.078	0.031
Aroclor-1248	2.84		0.078	0.031
Aroclor-1254	ND		0.078	0.031
Aroclor-1260	ND		0.078	0.031
Aroclor-1262	ND		0.078	0.031
Aroclor-1268	ND		0.078	0.031
PCBs	2.84		0.078	0.031

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-012
Client ID: K-38(4.0-6
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/23/2012
Data file: Y7254.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.64g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 31.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.052	0.021
Aroclor-1221	ND		0.052	0.021
Aroclor-1232	ND		0.052	0.021
Aroclor-1242	ND		0.052	0.021
Aroclor-1248	0.133		0.052	0.021
Aroclor-1254	ND		0.052	0.021
Aroclor-1260	ND		0.052	0.021
Aroclor-1262	ND		0.052	0.021
Aroclor-1268	ND		0.052	0.021
PCBs	0.133		0.052	0.021

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-013
Client ID: I-39(0-2.0
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/23/2012
Data file: Y7255.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.94g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 38.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		5.48	2.19
Aroclor-1221	ND		5.48	2.19
Aroclor-1232	ND		5.48	2.19
Aroclor-1242	ND		5.48	2.19
Aroclor-1248	626		5.48	2.19
Aroclor-1254	ND		5.48	2.19
Aroclor-1260	107		5.48	2.19
Aroclor-1262	ND		5.48	2.19
Aroclor-1268	ND		5.48	2.19
PCBs	733		5.48	2.19

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-014
Client ID: I-39(2.0-4
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/23/2012
Data file: Y7256.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.09g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 53.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		8.50	3.40
Aroclor-1221	ND		8.50	3.40
Aroclor-1232	ND		8.50	3.40
Aroclor-1242	ND		8.50	3.40
Aroclor-1248	363		8.50	3.40
Aroclor-1254	ND		8.50	3.40
Aroclor-1260	ND		8.50	3.40
Aroclor-1262	ND		8.50	3.40
Aroclor-1268	ND		8.50	3.40
PCBs	363		8.50	3.40

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-015
Client ID: I-39(4.0-6
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/25/2012
Data file: R1934.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.08g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 42.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.068	0.027
Aroclor-1221	ND		0.068	0.027
Aroclor-1232	ND		0.068	0.027
Aroclor-1242	ND		0.068	0.027
Aroclor-1248	2.10		0.068	0.027
Aroclor-1254	ND		0.068	0.027
Aroclor-1260	ND		0.068	0.027
Aroclor-1262	ND		0.068	0.027
Aroclor-1268	ND		0.068	0.027
PCBs	2.10		0.068	0.027

E12-06899 0032

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-016
Client ID: K-37(0-2.0
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/25/2012
Data file: R1935.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.55g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 33.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		5.43	2.17
Aroclor-1221	ND		5.43	2.17
Aroclor-1232	ND		5.43	2.17
Aroclor-1242	ND		5.43	2.17
Aroclor-1248	63.1		5.43	2.17
Aroclor-1254	ND		5.43	2.17
Aroclor-1260	ND		5.43	2.17
Aroclor-1262	ND		5.43	2.17
Aroclor-1268	ND		5.43	2.17
PCBs	63.1		5.43	2.17

E12-06899 0033

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-017
Client ID: K-37(2.0-4
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/25/2012
Data file: R1936.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.75g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 49.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.069	0.027
Aroclor-1221	ND		0.069	0.027
Aroclor-1232	ND		0.069	0.027
Aroclor-1242	ND		0.069	0.027
Aroclor-1248	0.959		0.069	0.027
Aroclor-1254	ND		0.069	0.027
Aroclor-1260	ND		0.069	0.027
Aroclor-1262	ND		0.069	0.027
Aroclor-1268	ND		0.069	0.027
PCBs	0.959		0.069	0.027

E12-06899 0034

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-018
Client ID: K-37(4.0-6
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/25/2012
Data file: R1937.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.81g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 36.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.054	0.022
Aroclor-1221	ND		0.054	0.022
Aroclor-1232	ND		0.054	0.022
Aroclor-1242	ND		0.054	0.022
Aroclor-1248	0.122		0.054	0.022
Aroclor-1254	ND		0.054	0.022
Aroclor-1260	ND		0.054	0.022
Aroclor-1262	ND		0.054	0.022
Aroclor-1268	ND		0.054	0.022
PCBs	0.122		0.054	0.022

E12-06899 0035

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-019
Client ID: L-37(0-2.0
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/25/2012
Data file: R1938.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.73g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 2
% Moisture: 9.80

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.077	0.031
Aroclor-1221	ND		0.077	0.031
Aroclor-1232	ND		0.077	0.031
Aroclor-1242	ND		0.077	0.031
Aroclor-1248	6.90		0.077	0.031
Aroclor-1254	ND		0.077	0.031
Aroclor-1260	ND		0.077	0.031
Aroclor-1262	ND		0.077	0.031
Aroclor-1268	ND		0.077	0.031
PCBs	6.90		0.077	0.031

E12-06899 0036

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-020
Client ID: L-37(2.0-4
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/25/2012
Data file: R1939.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.44g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 8.80

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.040	0.016
Aroclor-1221	ND		0.040	0.016
Aroclor-1232	ND		0.040	0.016
Aroclor-1242	ND		0.040	0.016
Aroclor-1248	3.18		0.040	0.016
Aroclor-1254	ND		0.040	0.016
Aroclor-1260	ND		0.040	0.016
Aroclor-1262	ND		0.040	0.016
Aroclor-1268	ND		0.040	0.016
PCBs	3.18		0.040	0.016

E12-06899 0037

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-021
Client ID: L-37(4.0-6
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/25/2012
Data file: R1940.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.55g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 36.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.057	0.023
Aroclor-1221	ND		0.057	0.023
Aroclor-1232	ND		0.057	0.023
Aroclor-1242	ND		0.057	0.023
Aroclor-1248	ND		0.057	0.023
Aroclor-1254	ND		0.057	0.023
Aroclor-1260	ND		0.057	0.023
Aroclor-1262	ND		0.057	0.023
Aroclor-1268	ND		0.057	0.023
PCBs	ND		0.057	0.023

E12-06899 0038

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-022
Client ID: M-37(0-2.0
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/25/2012
Data file: R1941.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.85g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 7.50

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.037	0.015
Aroclor-1221	ND		0.037	0.015
Aroclor-1232	ND		0.037	0.015
Aroclor-1242	ND		0.037	0.015
Aroclor-1248	0.245		0.037	0.015
Aroclor-1254	ND		0.037	0.015
Aroclor-1260	ND		0.037	0.015
Aroclor-1262	ND		0.037	0.015
Aroclor-1268	ND		0.037	0.015
PCBs	0.245		0.037	0.015

E12-06899 0039

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-023
Client ID: M-37(2.0-4
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/25/2012
Data file: R1942.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.49g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 9.40

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.040	0.016
Aroclor-1221	ND		0.040	0.016
Aroclor-1232	ND		0.040	0.016
Aroclor-1242	ND		0.040	0.016
Aroclor-1248	0.814		0.040	0.016
Aroclor-1254	ND		0.040	0.016
Aroclor-1260	ND		0.040	0.016
Aroclor-1262	ND		0.040	0.016
Aroclor-1268	ND		0.040	0.016
PCBs	0.814		0.040	0.016

E12-06899 0040

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-024
Client ID: M-37(4.0-6
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/25/2012
Data file: R1943.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.31g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 20.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.047	0.019
Aroclor-1221	ND		0.047	0.019
Aroclor-1232	ND		0.047	0.019
Aroclor-1242	ND		0.047	0.019
Aroclor-1248	0.223		0.047	0.019
Aroclor-1254	ND		0.047	0.019
Aroclor-1260	ND		0.047	0.019
Aroclor-1262	ND		0.047	0.019
Aroclor-1268	ND		0.047	0.019
PCBs	0.223		0.047	0.019

E12-06899 0041

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-025
Client ID: N-37(0-2.0
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/25/2012
Data file: R1944.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.30g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 22.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.049	0.020
Aroclor-1221	ND		0.049	0.020
Aroclor-1232	ND		0.049	0.020
Aroclor-1242	ND		0.049	0.020
Aroclor-1248	1.76		0.049	0.020
Aroclor-1254	ND		0.049	0.020
Aroclor-1260	ND		0.049	0.020
Aroclor-1262	ND		0.049	0.020
Aroclor-1268	ND		0.049	0.020
PCBs	1.76		0.049	0.020

E12-06899 0042

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-026
Client ID: N-37(2.0-4
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/25/2012
Data file: R1945.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.59g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 21.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.045	0.018
Aroclor-1221	ND		0.045	0.018
Aroclor-1232	ND		0.045	0.018
Aroclor-1242	ND		0.045	0.018
Aroclor-1248	2.70		0.045	0.018
Aroclor-1254	ND		0.045	0.018
Aroclor-1260	0.572		0.045	0.018
Aroclor-1262	ND		0.045	0.018
Aroclor-1268	ND		0.045	0.018
PCBs	3.27		0.045	0.018

E12-06899 0043

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-027
Client ID: N-37(4.0-6
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/25/2012
Data file: R1946.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.65g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 21.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.045	0.018
Aroclor-1221	ND		0.045	0.018
Aroclor-1232	ND		0.045	0.018
Aroclor-1242	ND		0.045	0.018
Aroclor-1248	ND		0.045	0.018
Aroclor-1254	ND		0.045	0.018
Aroclor-1260	ND		0.045	0.018
Aroclor-1262	ND		0.045	0.018
Aroclor-1268	ND		0.045	0.018
PCBs	ND		0.045	0.018

E12-06899 0044

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-028
Client ID: L-36(0-2.0
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/26/2012
Data file: R1947.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.09g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 7.50

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.043	0.017
Aroclor-1221	ND		0.043	0.017
Aroclor-1232	ND		0.043	0.017
Aroclor-1242	ND		0.043	0.017
Aroclor-1248	0.752		0.043	0.017
Aroclor-1254	ND		0.043	0.017
Aroclor-1260	ND		0.043	0.017
Aroclor-1262	ND		0.043	0.017
Aroclor-1268	ND		0.043	0.017
PCBs	0.752		0.043	0.017

E12-06899 0045

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-029
Client ID: L-36(2.0-4
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/26/2012
Data file: R1948.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.66g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 10.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.040	0.016
Aroclor-1221	ND		0.040	0.016
Aroclor-1232	ND		0.040	0.016
Aroclor-1242	ND		0.040	0.016
Aroclor-1248	3.23		0.040	0.016
Aroclor-1254	ND		0.040	0.016
Aroclor-1260	ND		0.040	0.016
Aroclor-1262	ND		0.040	0.016
Aroclor-1268	ND		0.040	0.016
PCBs	3.23		0.040	0.016

E12-06899 0046

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-030
Client ID: L-36(4.0-6
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/26/2012
Data file: R1949.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.35g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 67.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.115	0.046
Aroclor-1221	ND		0.115	0.046
Aroclor-1232	ND		0.115	0.046
Aroclor-1242	ND		0.115	0.046
Aroclor-1248	ND		0.115	0.046
Aroclor-1254	ND		0.115	0.046
Aroclor-1260	ND		0.115	0.046
Aroclor-1262	ND		0.115	0.046
Aroclor-1268	ND		0.115	0.046
PCBs	ND		0.115	0.046

E12-06899 0047

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-031
Client ID: K-36(0-2.0
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/23/2012
Data file: Y7205.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.53g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 12.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.414	0.166
Aroclor-1221	ND		0.414	0.166
Aroclor-1232	ND		0.414	0.166
Aroclor-1242	ND		0.414	0.166
Aroclor-1248	51.3		0.414	0.166
Aroclor-1254	ND		0.414	0.166
Aroclor-1260	ND		0.414	0.166
Aroclor-1262	ND		0.414	0.166
Aroclor-1268	ND		0.414	0.166
PCBs	51.3		0.414	0.166

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-032
Client ID: K-36(2.0-4
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/22/2012
Data file: Y7148.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.23g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 21.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.049	0.019
Aroclor-1221	ND		0.049	0.019
Aroclor-1232	ND		0.049	0.019
Aroclor-1242	ND		0.049	0.019
Aroclor-1248	0.575		0.049	0.019
Aroclor-1254	ND		0.049	0.019
Aroclor-1260	ND		0.049	0.019
Aroclor-1262	ND		0.049	0.019
Aroclor-1268	ND		0.049	0.019
PCBs	0.575		0.049	0.019

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-033
Client ID: K-36(4.0-6
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/22/2012
Data file: Y7149.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.14g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 66.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.116	0.047
Aroclor-1221	ND		0.116	0.047
Aroclor-1232	ND		0.116	0.047
Aroclor-1242	ND		0.116	0.047
Aroclor-1248	ND		0.116	0.047
Aroclor-1254	ND		0.116	0.047
Aroclor-1260	ND		0.116	0.047
Aroclor-1262	ND		0.116	0.047
Aroclor-1268	ND		0.116	0.047
PCBs	ND		0.116	0.047

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-034
Client ID: J-36(0-2.0
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/23/2012
Data file: Y7206.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.28g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 13.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		43.6	17.5
Aroclor-1221	ND		43.6	17.5
Aroclor-1232	ND		43.6	17.5
Aroclor-1242	ND		43.6	17.5
Aroclor-1248	1950		43.6	17.5
Aroclor-1254	ND		43.6	17.5
Aroclor-1260	ND		43.6	17.5
Aroclor-1262	ND		43.6	17.5
Aroclor-1268	ND		43.6	17.5
PCBs	1950		43.6	17.5

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-035
Client ID: J-36(2.0-4
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/23/2012
Data file: Y7207.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.46g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 25.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.92	1.97
Aroclor-1221	ND		4.92	1.97
Aroclor-1232	ND		4.92	1.97
Aroclor-1242	ND		4.92	1.97
Aroclor-1248	612		4.92	1.97
Aroclor-1254	ND		4.92	1.97
Aroclor-1260	ND		4.92	1.97
Aroclor-1262	ND		4.92	1.97
Aroclor-1268	ND		4.92	1.97
PCBs	612		4.92	1.97

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-036
Client ID: J-36(4.0-6
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/22/2012
Data file: Y7152.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.15g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 46.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.073	0.029
Aroclor-1221	ND		0.073	0.029
Aroclor-1232	ND		0.073	0.029
Aroclor-1242	ND		0.073	0.029
Aroclor-1248	2.06		0.073	0.029
Aroclor-1254	ND		0.073	0.029
Aroclor-1260	ND		0.073	0.029
Aroclor-1262	ND		0.073	0.029
Aroclor-1268	ND		0.073	0.029
PCBs	2.06		0.073	0.029

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-037
Client ID: I-36(0-2.0
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/22/2012
Data file: Y7153.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.57g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 16.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.29	1.72
Aroclor-1221	ND		4.29	1.72
Aroclor-1232	ND		4.29	1.72
Aroclor-1242	ND		4.29	1.72
Aroclor-1248	185		4.29	1.72
Aroclor-1254	ND		4.29	1.72
Aroclor-1260	ND		4.29	1.72
Aroclor-1262	ND		4.29	1.72
Aroclor-1268	ND		4.29	1.72
PCBs	185		4.29	1.72

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-038
Client ID: I-36(2.0-4
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/23/2012
Data file: Y7208.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.52g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 32.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		5.38	2.15
Aroclor-1221	ND		5.38	2.15
Aroclor-1232	ND		5.38	2.15
Aroclor-1242	ND		5.38	2.15
Aroclor-1248	134		5.38	2.15
Aroclor-1254	ND		5.38	2.15
Aroclor-1260	ND		5.38	2.15
Aroclor-1262	ND		5.38	2.15
Aroclor-1268	ND		5.38	2.15
PCBs	134		5.38	2.15

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-039
Client ID: I-36(4.0-6
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/22/2012
Data file: Y7155.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.20g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 68.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.121	0.049
Aroclor-1221	ND		0.121	0.049
Aroclor-1232	ND		0.121	0.049
Aroclor-1242	ND		0.121	0.049
Aroclor-1248	ND		0.121	0.049
Aroclor-1254	ND		0.121	0.049
Aroclor-1260	ND		0.121	0.049
Aroclor-1262	ND		0.121	0.049
Aroclor-1268	ND		0.121	0.049
PCBs	ND		0.121	0.049

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-040
Client ID: I-34(0-2.0
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/23/2012
Data file: Y7209.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.12g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 20.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.88	1.95
Aroclor-1221	ND		4.88	1.95
Aroclor-1232	ND		4.88	1.95
Aroclor-1242	ND		4.88	1.95
Aroclor-1248	122		4.88	1.95
Aroclor-1254	ND		4.88	1.95
Aroclor-1260	ND		4.88	1.95
Aroclor-1262	ND		4.88	1.95
Aroclor-1268	ND		4.88	1.95
PCBs	122		4.88	1.95

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-041
Client ID: I-34(2.0-4
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/22/2012
Data file: Y7157.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.24g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 36.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.060	0.024
Aroclor-1221	ND		0.060	0.024
Aroclor-1232	ND		0.060	0.024
Aroclor-1242	ND		0.060	0.024
Aroclor-1248	0.096		0.060	0.024
Aroclor-1254	ND		0.060	0.024
Aroclor-1260	0.067		0.060	0.024
Aroclor-1262	ND		0.060	0.024
Aroclor-1268	ND		0.060	0.024
PCBs	0.163		0.060	0.024

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-042
Client ID: I-34(4.0-6
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/22/2012
Data file: Y7158.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.20g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 32.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.057	0.023
Aroclor-1221	ND		0.057	0.023
Aroclor-1232	ND		0.057	0.023
Aroclor-1242	ND		0.057	0.023
Aroclor-1248	0.130		0.057	0.023
Aroclor-1254	ND		0.057	0.023
Aroclor-1260	ND		0.057	0.023
Aroclor-1262	ND		0.057	0.023
Aroclor-1268	ND		0.057	0.023
PCBs	0.130		0.057	0.023

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-043
Client ID: H-35(0-2.0
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/23/2012
Data file: Y7210.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.38g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 12.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.422	0.169
Aroclor-1221	ND		0.422	0.169
Aroclor-1232	ND		0.422	0.169
Aroclor-1242	ND		0.422	0.169
Aroclor-1248	25.4		0.422	0.169
Aroclor-1254	ND		0.422	0.169
Aroclor-1260	ND		0.422	0.169
Aroclor-1262	ND		0.422	0.169
Aroclor-1268	ND		0.422	0.169
PCBs	25.4		0.422	0.169

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-044
Client ID: H-35(2.0-4
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/23/2012
Data file: Y7211.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.45g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 18.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.52	1.81
Aroclor-1221	ND		4.52	1.81
Aroclor-1232	ND		4.52	1.81
Aroclor-1242	ND		4.52	1.81
Aroclor-1248	143		4.52	1.81
Aroclor-1254	ND		4.52	1.81
Aroclor-1260	ND		4.52	1.81
Aroclor-1262	ND		4.52	1.81
Aroclor-1268	ND		4.52	1.81
PCBs	143		4.52	1.81

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-045
Client ID: H-35(4.0-6
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/23/2012
Data file: Y7212.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.42g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 44.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.067	0.027
Aroclor-1221	ND		0.067	0.027
Aroclor-1232	ND		0.067	0.027
Aroclor-1242	ND		0.067	0.027
Aroclor-1248	ND		0.067	0.027
Aroclor-1254	ND		0.067	0.027
Aroclor-1260	ND		0.067	0.027
Aroclor-1262	ND		0.067	0.027
Aroclor-1268	ND		0.067	0.027
PCBs	ND		0.067	0.027

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-046
Client ID: H-34(0-2.0
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/23/2012
Data file: Y7213.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.08g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 10.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.438	0.175
Aroclor-1221	ND		0.438	0.175
Aroclor-1232	ND		0.438	0.175
Aroclor-1242	ND		0.438	0.175
Aroclor-1248	64.0		0.438	0.175
Aroclor-1254	ND		0.438	0.175
Aroclor-1260	ND		0.438	0.175
Aroclor-1262	ND		0.438	0.175
Aroclor-1268	ND		0.438	0.175
PCBs	64.0		0.438	0.175

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-047
Client ID: H-34(2.0-4
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/23/2012
Data file: Y7214.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.88g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 9.50

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.038	0.015
Aroclor-1221	ND		0.038	0.015
Aroclor-1232	ND		0.038	0.015
Aroclor-1242	ND		0.038	0.015
Aroclor-1248	4.21		0.038	0.015
Aroclor-1254	ND		0.038	0.015
Aroclor-1260	ND		0.038	0.015
Aroclor-1262	ND		0.038	0.015
Aroclor-1268	ND		0.038	0.015
PCBs	4.21		0.038	0.015

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-048
Client ID: H-34(4.0-6
Date Received: 07/11/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/23/2012
Data file: Y7215.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.40g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 31.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.054	0.022
Aroclor-1221	ND		0.054	0.022
Aroclor-1232	ND		0.054	0.022
Aroclor-1242	ND		0.054	0.022
Aroclor-1248	ND		0.054	0.022
Aroclor-1254	ND		0.054	0.022
Aroclor-1260	ND		0.054	0.022
Aroclor-1262	ND		0.054	0.022
Aroclor-1268	ND		0.054	0.022
PCBs	ND		0.054	0.022

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06899-049
Client ID: FB-10
Date Received: 07/11/2012
Date Extracted: 07/16/2012
Date Analyzed: 07/18/2012
Data file: Y6910.D

GC Column: DB-5/DB1701P
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-mg/L (ppm)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.00005	0.00002
Aroclor-1221	ND		0.00005	0.00002
Aroclor-1232	ND		0.00005	0.00002
Aroclor-1242	ND		0.00005	0.00002
Aroclor-1248	ND		0.00005	0.00002
Aroclor-1254	ND		0.00005	0.00002
Aroclor-1260	ND		0.00005	0.00002
Aroclor-1262	ND		0.00005	0.00002
Aroclor-1268	ND		0.00005	0.00002
PCBs	ND		0.00005	0.00002

PCB DATA

PCB QC SUMMARY

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 07/16/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKA120712-10	AQUEOUS	135		66		106		62	
FB	06748-006	AQUEOUS	135		68		112		65	
AUD-V12-18	06837-001	AQUEOUS	64		87		58		68	
BURLNG-V12	06835-003	AQUEOUS	47		131		38		42	
PCB	06837-001MS	AQUEOUS	128		125		117		92	
PCB	06837-001MSD	AQUEOUS	121		102		104		66	
PCB	LCSA120712-10	AQUEOUS	110		66		92		56	
FB-7	06741-048	AQUEOUS	143		75		121		70	

Surrogate QC Limits	Soil	Aqueous
TCMX = Tetrachloro-m-xylene	21-163	11-163
DCB = Decachlorobiphenyl	30-172	13-170

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 07/18/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKA120716-11	AQUEOUS	75		72		85		99	
FB_SOIL	06878-017	AQUEOUS	98		88		109		99	
FB-8	06784-050	AQUEOUS	79		72		87		83	
FB-9	06841-059	AQUEOUS	65		66		74		73	
FB-10	06899-049	AQUEOUS	71		70		80		78	
GPECFB0711	06980-014	AQUEOUS	58		62		65		66	
PCB	LCSA120716-11	AQUEOUS	98		89		105		99	

Surrogate QC Limits	Soil	Aqueous
TCMX = Tetrachloro-m-xylene	21-163	11-163
DCB = Decachlorobiphenyl	30-172	13-170

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 07/21/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS120719-10	SOIL	100		104		111		109	
K-36(2.0-4	06899-032	SOIL	106		117		122		126	
K-36(4.0-6	06899-033	SOIL	110		107		118		130	
J-36(4.0-6	06899-036	SOIL	105		103		115		125	
I-36(0-2.0	06899-037	SOIL	D		D		D		D	
I-36(4.0-6	06899-039	SOIL	108		121		129		128	
I-34(2.0-4	06899-041	SOIL	102		102		115		117	
I-34(4.0-6	06899-042	SOIL	107		110		126		122	
K-36(0-2.0	06899-031	SOIL	107		117		119		121	
J-36(0-2.0	06899-034	SOIL	D		D		D		D	
J-36(2.0-4	06899-035	SOIL	D		D		D		D	
I-36(2.0-4	06899-038	SOIL	D		D		D		D	
I-34(0-2.0	06899-040	SOIL	D		D		D		D	
H-35(0-2.0	06899-043	SOIL	98		118		117		116	
H-35(2.0-4	06899-044	SOIL	D		D		D		D	
H-35(4.0-6	06899-045	SOIL	111		127		135		146	
H-34(0-2.0	06899-046	SOIL	99		101		118		116	
H-34(2.0-4	06899-047	SOIL	109		67		124		122	
H-34(4.0-6	06899-048	SOIL	108		75		129		122	
PCB	06899-047MS	SOIL	95		91		106		113	
PCB	06899-047MSD	SOIL	94		88		105		109	
PCB	LCSS120719-10	SOIL	102		99		108		102	
U-30(0-2.0	07117-001	SOIL	110		126		124		112	
U-30(2.0-3	07117-002	SOIL	34		51		93		84	

Surrogate QC Limits	Soil	Aqueous
TCMX = Tetrachloro-m-xylene	21-163	11-163
DCB = Decachlorobiphenyl	30-172	13-170

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 07/23/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS120719-06	SOIL	107		102		110		94	
GP-15_(5)/	06982-001	SOIL	52		114		78		109	
SP-COMP-1	07084-003	SOIL	44		97		66		91	
N-38(0-2.0	06899-001	SOIL	107		115		112		120	
N-38(2.0-4	06899-002	SOIL	106		114		112		111	
N-38(4.0-6	06899-003	SOIL	126		138		141		136	
M-38(0-2.0	06899-004	SOIL	104		104		110		109	
M-38(2.0-4	06899-005	SOIL	106		112		111		110	
M-38(4.0-6	06899-006	SOIL	109		112		114		110	
L-38(0-2.0	06899-007	SOIL	119		127		130		136	
L-38(2.0-4	06899-008	SOIL	115		115		128		125	
L-38(4.0-6	06899-009	SOIL	124		127		139		132	
K-38(2.0-4	06899-011	SOIL	124		130		151		144	
K-38(4.0-6	06899-012	SOIL	116		109		126		122	
I-39(0-2.0	06899-013	SOIL	D		D		D		D	
I-39(2.0-4	06899-014	SOIL	D		D		D		D	
PCB	07084-003MS	SOIL	44		106		69		111	
PCB	07084-003MSD	SOIL	44		107		69		107	
PCB	LCSS120719-06	SOIL	106		113		112		111	
FTP1/0-0.5	06908-001	SOIL	95		81		105		97	
FTP2/0-0.5	06908-002	SOIL	93		75		105		104	
FTP3/0-0.5	06908-003	SOIL	94		80		107		96	
K-38(0-2.0	06899-010	SOIL	92		77		103		141	
FTP4/0-0.5	06908-004	SOIL	93		75		107		95	

Surrogate QC Limits	Soil	Aqueous
TCMX = Tetrachloro-m-xylene	21-163	11-163
DCB = Decachlorobiphenyl	30-172	13-170

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 07/25/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS120719-09	SOIL	130		97		129		116	
CS-2	06890-002	SOLID	77		90		94		139	
CS-2	06890-003	SOLID	76		79		93		125	
CS-4	06890-004	SOLID	73		73		88		114	
I-39(4.0-6	06899-015	SOIL	88		79		116		103	
K-37(0-2.0	06899-016	SOIL	D		D		D		D	
K-37(2.0-4	06899-017	SOIL	140		99		132		153	
K-37(4.0-6	06899-018	SOIL	128		85		137		120	
L-37(0-2.0	06899-019	SOIL	121		67		118		91	
L-37(2.0-4	06899-020	SOIL	142		80		145		126	
L-37(4.0-6	06899-021	SOIL	121		69		132		117	
M-37(0-2.0	06899-022	SOIL	149		98		152		131	
M-37(2.0-4	06899-023	SOIL	153		99		113		136	
M-37(4.0-6	06899-024	SOIL	130		88		137		121	
N-37(0-2.0	06899-025	SOIL	110		69		117		101	
N-37(2.0-4	06899-026	SOIL	124		91		131		127	
N-37(4.0-6	06899-027	SOIL	89		61		93		84	
L-36(0-2.0	06899-028	SOIL	137		84		138		105	
L-36(2.0-4	06899-029	SOIL	135		96		148		125	
L-36(4.0-6	06899-030	SOIL	144		100		155		134	
PCB	06899-028MS	SOIL	141		94		100		122	
PCB	06899-028MSD	SOIL	137		91		140		114	
PCB	LCSS120719-09	SOIL	105		65		104		85	

Surrogate QC Limits	Soil	Aqueous
TCMX = Tetrachloro-m-xylene	21-163	11-163
DCB = Decachlorobiphenyl	30-172	13-170

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

AQUEOUS PCB BLANK SPIKE RECOVERY

Matrix spike Lab sample ID: LCSA120716-11

Compound	SPIKE ADDED (ug/L)	SAMPLE CONC. (ug/L)	MS CONC. (ug/L)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	562.3	112	70 - 130
Aroclor-1260	500.0	0.0	639.1	128	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

Spike Recovery: __0___ out of __2__ outside limits

SOIL PCB BLANK SPIKE RECOVERY

Matrix spike Lab sample ID: LCSS120719-10

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	408.1	82	70 - 130
Aroclor-1260	500.0	0.0	455.5	91	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

Spike Recovery: __0___ out of __2__ outside limits

SOIL PCB BLANK SPIKE RECOVERY

Matrix spike Lab sample ID: LCSS120719-06

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	443.1	89	70 - 130
Aroclor-1260	500.0	0.0	518.4	104	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

Spike Recovery: __0___ out of __2__ outside limits

SOIL PCB BLANK SPIKE RECOVERY

Matrix spike Lab sample ID: LCSS120719-09

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	396.4	79	70 - 130
Aroclor-1260	500.0	0.0	362.7	73	70 - 130

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits
NC Non calculable

Spike Recovery: __0___ out of __2__ outside limits

AQUEOUS PCB MATRIX SPIKE/SPIKE DUPLICATE RECOVERY

Matrix spike Lab sample ID: 06837-001MSD

Compound	SPIKE ADDED (ug/L)	SAMPLE CONC. (ug/L)	MS CONC. (ug/L)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	586.9	117	40 - 140
Aroclor-1260	500.0	NC	NC	NC	40 - 140

Compound	SAMPLE CONC. (ug/L)	MSD CONC. (ug/L)	#	MSD % REC	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	577.7		116	1	50	40 - 140
Aroclor-1260	NC	NC		NC	NC	50	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

RPD: __1___ out of __2__ outside limits

Spike Recovery: __2___ out of __4__ outside limits

SOIL PCB MATRIX SPIKE/SPIKE DUPLICATE RECOVERY

Matrix spike Lab sample ID: 06899-047MSD

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	NC	NC	NC	40 - 140
Aroclor-1260	500.0	0.0	412.4	82	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	#	MSD % REC	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	NC	NC		NC	NC	50	40 - 140
Aroclor-1260	0.0	412.4		82	0	50	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

RPD: __1___ out of __2__ outside limits

Spike Recovery: __2___ out of __4__ outside limits

SOIL PCB MATRIX SPIKE/SPIKE DUPLICATE RECOVERY

Matrix spike Lab sample ID: 07084-003MSD

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	249.7	50	40 - 140
Aroclor-1260	500.0	0.0	469.0	94	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	#	MSD % REC	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	221.7		44	13	50	40 - 140
Aroclor-1260	0.0	471.7		94	0	50	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

RPD: __0___ out of __2__ outside limits

Spike Recovery: __0___ out of __4__ outside limits

SOIL PCB MATRIX SPIKE/SPIKE DUPLICATE RECOVERY

Matrix spike Lab sample ID: 06899-028MSD

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	660.5	132	40 - 140
Aroclor-1260	500.0	0.0	473.2	95	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	#	MSD % REC	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	623.7		125	5	50	40 - 140
Aroclor-1260	0.0	454.1		91	4	50	40 - 140

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits
NC Non calculable

RPD: __0___ out of __2__ outside limits

Spike Recovery: __0___ out of __4__ outside limits

PCB METHOD BLANK SUMMARY

Lab File ID:	R1676.D	Instrument ID:	GC-R
Date Extracted:	07/12/2012	Matrix:	AQUEOUS
Date Analyzed:	07/16/2012	Time Analyzed:	14:41

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
FB	06748-006	07/16/2012	14:58
AUD-V12-18	06837-001	07/16/2012	15:50
BURLNG-V12	06835-003	07/16/2012	16:07
PCB	06837-001MS	07/16/2012	16:42
PCB	06837-001MSD	07/16/2012	16:59
PCB	LCSA120712-10	07/16/2012	17:17
FB-7	06741-048	07/17/2012	19:57

PCB METHOD BLANK SUMMARY

Lab File ID: Y6906.D

Instrument ID: GC-Y

Date Extracted: 07/16/2012

Matrix: AQUEOUS

Date Analyzed: 07/18/2012

Time Analyzed: 11:46

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
FB_SOIL	06878-017	07/18/2012	12:03
FB-8	06784-050	07/18/2012	13:37
FB-9	06841-059	07/18/2012	13:54
FB-10	06899-049	07/18/2012	14:12
GPECFB0711	06980-014	07/18/2012	14:29
PCB	LCSA120716-11	07/18/2012	14:46

PCB METHOD BLANK SUMMARY

Lab File ID: Y7146.D

Instrument ID: GC-Y

Date Extracted: 07/19/2012

Matrix: SOIL

Date Analyzed: 07/21/2012

Time Analyzed: 23:56

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
K-36(2.0-4	06899-032	07/22/2012	00:31
K-36(4.0-6	06899-033	07/22/2012	00:48
J-36(4.0-6	06899-036	07/22/2012	01:39
I-36(0-2.0	06899-037	07/22/2012	01:57
I-36(4.0-6	06899-039	07/22/2012	02:31
I-34(2.0-4	06899-041	07/22/2012	03:05
I-34(4.0-6	06899-042	07/22/2012	03:22
K-36(0-2.0	06899-031	07/23/2012	00:50
J-36(0-2.0	06899-034	07/23/2012	01:08
J-36(2.0-4	06899-035	07/23/2012	01:25
I-36(2.0-4	06899-038	07/23/2012	01:42
I-34(0-2.0	06899-040	07/23/2012	01:59
H-35(0-2.0	06899-043	07/23/2012	02:16
H-35(2.0-4	06899-044	07/23/2012	02:34
H-35(4.0-6	06899-045	07/23/2012	02:51
H-34(0-2.0	06899-046	07/23/2012	03:08
H-34(2.0-4	06899-047	07/23/2012	03:25
H-34(4.0-6	06899-048	07/23/2012	03:42
PCB	06899-047MS	07/23/2012	04:34
PCB	06899-047MSD	07/23/2012	04:51
PCB	LCSS120719-10	07/23/2012	05:08
U-30(0-2.0	07117-001	07/24/2012	01:56
U-30(2.0-3	07117-002	07/24/2012	02:13

PCB METHOD BLANK SUMMARY

Lab File ID:	Y7235.D	Instrument ID:	GC-Y
Date Extracted:	07/19/2012	Matrix:	SOIL
Date Analyzed:	07/23/2012	Time Analyzed:	15:09

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
GP-15_(5)/	06982-001	07/23/2012	15:27
SP-COMP-1	07084-003	07/23/2012	18:46
N-38(0-2.0	06899-001	07/23/2012	19:54
N-38(2.0-4	06899-002	07/23/2012	20:12
N-38(4.0-6	06899-003	07/23/2012	20:29
M-38(0-2.0	06899-004	07/23/2012	20:46
M-38(2.0-4	06899-005	07/23/2012	21:03
M-38(4.0-6	06899-006	07/23/2012	21:20
L-38(0-2.0	06899-007	07/23/2012	21:38
L-38(2.0-4	06899-008	07/23/2012	21:55
L-38(4.0-6	06899-009	07/23/2012	22:12
K-38(2.0-4	06899-011	07/23/2012	22:46
K-38(4.0-6	06899-012	07/23/2012	23:04
I-39(0-2.0	06899-013	07/23/2012	23:21
I-39(2.0-4	06899-014	07/23/2012	23:38
PCB	07084-003MS	07/24/2012	00:12
PCB	07084-003MSD	07/24/2012	00:29
PCB	LCSS120719-06	07/24/2012	00:47
FTP1/0-0.5	06908-001	07/25/2012	01:17
FTP2/0-0.5	06908-002	07/25/2012	01:34
FTP3/0-0.5	06908-003	07/25/2012	01:51
K-38(0-2.0	06899-010	07/25/2012	02:08
FTP4/0-0.5	06908-004	07/25/2012	02:25

PCB METHOD BLANK SUMMARY

Lab File ID: R1929.D

Instrument ID: GC-R

Date Extracted: 07/19/2012

Matrix: SOIL

Date Analyzed: 07/25/2012

Time Analyzed: 18:52

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
CS-2	06890-002	07/25/2012	19:27
CS-2	06890-003	07/25/2012	19:44
CS-4	06890-004	07/25/2012	20:02
I-39(4.0-6	06899-015	07/25/2012	20:19
K-37(0-2.0	06899-016	07/25/2012	20:37
K-37(2.0-4	06899-017	07/25/2012	20:54
K-37(4.0-6	06899-018	07/25/2012	21:11
L-37(0-2.0	06899-019	07/25/2012	21:29
L-37(2.0-4	06899-020	07/25/2012	21:46
L-37(4.0-6	06899-021	07/25/2012	22:04
M-37(0-2.0	06899-022	07/25/2012	22:21
M-37(2.0-4	06899-023	07/25/2012	22:39
M-37(4.0-6	06899-024	07/25/2012	22:56
N-37(0-2.0	06899-025	07/25/2012	23:13
N-37(2.0-4	06899-026	07/25/2012	23:31
N-37(4.0-6	06899-027	07/25/2012	23:48
L-36(0-2.0	06899-028	07/26/2012	00:06
L-36(2.0-4	06899-029	07/26/2012	00:23
L-36(4.0-6	06899-030	07/26/2012	00:40
PCB	06899-028MS	07/26/2012	00:58
PCB	06899-028MSD	07/26/2012	01:15
PCB	LCSS120719-09	07/26/2012	01:33

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 07/09/2012

Instrument ID: GC-R
GC Column (1st): DB-5

Data File: R1328.D R1327.D R1326.D R1325.D R1324.D

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WI NDOW FROM	TO
Aroclor-1016	3.94	3.94	3.94	3.94	3.94	3.94	3.87	4.01
Aroclor-1016 {2}	4.78	4.83	4.83	4.83	4.83	4.82	4.75	4.89
Aroclor-1016 {3}	5.41	5.41	5.40	5.40	5.40	5.41	5.34	5.48
Aroclor-1016 {4}	5.93	5.93	5.93	5.93	5.93	5.93	5.86	6.00
Aroclor-1016 {5}	6.34	6.34	6.34	6.34	6.34	6.34	6.27	6.41
Aroclor-1221			2.71				2.64	2.78
Aroclor-1221 {2}			3.71				3.64	3.78
Aroclor-1221 {3}			3.85				3.78	3.92
Aroclor-1221 {4}			3.93				3.86	4.00
Aroclor-1221 {5}			4.57				4.50	4.64
Aroclor-1232			3.94				3.87	4.01
Aroclor-1232 {2}			4.83				4.76	4.90
Aroclor-1232 {3}			5.52				5.45	5.59
Aroclor-1232 {4}			6.14				6.07	6.21
Aroclor-1232 {5}			6.34				6.27	6.41
Aroclor-1242			4.83				4.76	4.90
Aroclor-1242 {2}			5.80				5.73	5.87
Aroclor-1242 {3}			6.14				6.07	6.21
Aroclor-1242 {4}			6.85				6.78	6.92
Aroclor-1242 {5}			7.13				7.06	7.20
Aroclor-1248			5.25				5.17	5.33
Aroclor-1248 {2}			5.80				5.72	5.88
Aroclor-1248 {3}			6.14				6.06	6.22
Aroclor-1248 {4}			6.86				6.78	6.94
Aroclor-1248 {5}			7.13				7.05	7.21
Aroclor-1254			7.25				7.17	7.33
Aroclor-1254 {2}			7.70				7.62	7.78
Aroclor-1254 {3}			7.87				7.78	7.96
Aroclor-1254 {4}			8.31				8.22	8.40
Aroclor-1254 {5}			9.17				9.08	9.26
Aroclor-1260	9.16	9.17	9.17	9.17	9.17	9.17	8.27	10.07
Aroclor-1260 {2}	9.85	9.85	9.85	9.85	9.85	9.85	8.95	10.75
Aroclor-1260 {3}	10.32	10.32	10.32	10.32	10.32	10.32	9.42	11.22
Aroclor-1260 {4}	10.81	10.81	10.81	10.81	10.81	10.81	9.91	11.71
Aroclor-1260 {5}	11.87	11.87	11.88	11.87	11.87	11.87	10.97	12.77

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 07/09/2012

Instrument ID: GC-R

GC Column (1st): DB-5

Data File: R1328.D R1327.D R1326.D R1325.D R1324.D

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1016	3771061	3104921	3039548	3143765	2921319	3196123	10.40
Aroclor-1016 {2}	4131435	3149811	4282446	3190501	3125865	3576012	16.19
Aroclor-1016 {3}	6473175	5315563	5798729	5523369	5281504	5678468	8.62
Aroclor-1016 {4}	3167428	2745300	2553397	2603586	2433353	2700613	10.51
Aroclor-1016 {5}	4798490	4895701	4595879	4555797	4311522	4631478	4.91
Aroclor-1221			2156729				
Aroclor-1221 {2}			3058430				
Aroclor-1221 {3}			2090078				
Aroclor-1221 {4}			5427203				
Aroclor-1221 {5}			1473368				
Aroclor-1232			3694844				
Aroclor-1232 {2}			1755808				
Aroclor-1232 {3}			2142414				
Aroclor-1232 {4}			1722564				
Aroclor-1232 {5}			2935961				
Aroclor-1242			3070052				
Aroclor-1242 {2}			2403442				
Aroclor-1242 {3}			2835930				
Aroclor-1242 {4}			5038013				
Aroclor-1242 {5}			4695002				
Aroclor-1248			7857410				
Aroclor-1248 {2}			4392114				
Aroclor-1248 {3}			4327871				
Aroclor-1248 {4}			8652707				
Aroclor-1248 {5}			7150718				
Aroclor-1254			9829888				
Aroclor-1254 {2}			6034744				
Aroclor-1254 {3}			11291099				
Aroclor-1254 {4}			14340450				
Aroclor-1254 {5}			11564172				
Aroclor-1260	10578389	11101898	14104675	12884099	11619778	12057768	11.85
Aroclor-1260 {2}	7924541	7152847	7127079	6637825	6531289	7074717	7.80
Aroclor-1260 {3}	19339828	18738771	23103035	21564266	21373774	20823935	8.52
Aroclor-1260 {4}	7573433	9618378	9444527	9274283	8142995	8810723	10.22
Aroclor-1260 {5}	4670626	3594623	4307462	3957292	4019930	4109987	9.81
					Average %RSD		9.88

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 07/09/2012

Instrument ID: GC-R
GC Column (2nd): RTX-CLP2

Data File: R1328.C R1327.C R1326.C R1325.C R1324.C

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WI NDOW FROM	TO
Aroclor-1016	4.49	4.49	4.49	4.49	4.49	4.49	4.42	4.56
Aroclor-1016 {2}	5.12	5.12	5.12	5.12	5.12	5.12	5.05	5.19
Aroclor-1016 {3}	5.90	5.90	5.91	5.90	5.90	5.90	5.83	5.97
Aroclor-1016 {4}	6.12	6.12	6.12	6.12	6.12	6.12	6.05	6.19
Aroclor-1016 {5}	6.31	6.30	6.31	6.31	6.31	6.31	6.24	6.38
Aroclor-1221			3.05				2.98	3.12
Aroclor-1221 {2}			4.14				4.07	4.21
Aroclor-1221 {3}			4.40				4.33	4.47
Aroclor-1221 {4}			4.50				4.43	4.57
Aroclor-1221 {5}			5.91				5.84	5.98
Aroclor-1232			4.49				4.42	4.56
Aroclor-1232 {2}			5.53				5.46	5.60
Aroclor-1232 {3}			6.12				6.05	6.19
Aroclor-1232 {4}			6.31				6.24	6.38
Aroclor-1232 {5}			6.92				6.85	6.99
Aroclor-1242			5.53				5.46	5.60
Aroclor-1242 {2}			6.31				6.24	6.38
Aroclor-1242 {3}			6.92				6.85	6.99
Aroclor-1242 {4}			7.08				7.01	7.15
Aroclor-1242 {5}			7.65				7.58	7.72
Aroclor-1248			5.90				5.82	5.98
Aroclor-1248 {2}			6.52				6.44	6.60
Aroclor-1248 {3}			6.92				6.84	7.00
Aroclor-1248 {4}			7.08				7.00	7.16
Aroclor-1248 {5}			7.43				7.35	7.51
Aroclor-1254			7.93				7.85	8.01
Aroclor-1254 {2}			8.53				8.45	8.61
Aroclor-1254 {3}			9.16				9.07	9.25
Aroclor-1254 {4}			9.39				9.30	9.48
Aroclor-1254 {5}			9.99				9.90	10.08
Aroclor-1260	8.98	8.98	8.98	8.98	8.98	8.98	8.08	9.88
Aroclor-1260 {2}	9.39	9.39	9.39	9.39	9.39	9.39	8.49	10.29
Aroclor-1260 {3}	10.59	10.59	10.59	10.59	10.59	10.59	9.69	11.49
Aroclor-1260 {4}	11.10	11.10	11.10	11.10	11.10	11.10	10.20	12.00
Aroclor-1260 {5}	11.70	11.70	11.70	11.70	11.71	11.70	10.80	12.60

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 07/09/2012

Instrument ID: GC-R
GC Column (2nd): RTX-CLP2

Data File: R1328.C R1327.C R1326.C R1325.C R1324.C

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1016	2037608	1837042	1701127	1560235	1488693	1724941	12.76
Aroclor-1016 {2}	4312117	3556727	3333075	3001044	2846430	3409879	16.89
Aroclor-1016 {3}	9016590	7187761	7470604	6639595	6356145	7334139	14.15
Aroclor-1016 {4}	2349480	2762128	2885660	2413107	2374357	2556946	9.72
Aroclor-1016 {5}	3042682	2588862	2492852	2242571	2195650	2512524	13.51
Aroclor-1221			935274				
Aroclor-1221 {2}			1174703				
Aroclor-1221 {3}			774545				
Aroclor-1221 {4}			2590533				
Aroclor-1221 {5}			523644				
Aroclor-1232			1877909				
Aroclor-1232 {2}			705825				
Aroclor-1232 {3}			1293985				
Aroclor-1232 {4}			1180514				
Aroclor-1232 {5}			1645747				
Aroclor-1242			1204243				
Aroclor-1242 {2}			2063241				
Aroclor-1242 {3}			2683561				
Aroclor-1242 {4}			2252850				
Aroclor-1242 {5}			2175711				
Aroclor-1248			3830903				
Aroclor-1248 {2}			3213154				
Aroclor-1248 {3}			4057512				
Aroclor-1248 {4}			3435955				
Aroclor-1248 {5}			1942974				
Aroclor-1254			3289007				
Aroclor-1254 {2}			2630122				
Aroclor-1254 {3}			3513640				
Aroclor-1254 {4}			1942180				
Aroclor-1254 {5}			4387567				
Aroclor-1260	4248690	3665935	3619760	3255146	3125208	3582948	12.23
Aroclor-1260 {2}	4745852	4077987	4182577	3647760	3444793	4019794	12.60
Aroclor-1260 {3}	3712025	3003720	3051131	2776921	2291399	2967039	17.32
Aroclor-1260 {4}	6990093	5725155	6009473	5479354	5022514	5845318	12.58
Aroclor-1260 {5}	5470931	4452549	4609991	4278848	4010972	4564658	12.12
						Average %RSD	13.39

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 07/09/2012

Instrument ID: GC-R
GC Column (1st): DB-5

Data File: R1328.D R1327.D R1326.D R1325.D R1324.D

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WI NDOW FROM	TO
Aroclor-1262			9.46				8.56	8.56
Aroclor-1262 {2}			10.32				9.42	9.42
Aroclor-1262 {3}			10.96				10.06	10.06
Aroclor-1262 {4}			11.05				10.05	10.05
Aroclor-1262 {5}			11.87				10.87	10.87
Aroclor-1268			10.96				9.96	9.96
Aroclor-1268 {2}			11.05				9.95	9.95
Aroclor-1268 {3}			11.52				10.42	10.42
Aroclor-1268 {4}			11.65				10.55	10.55
Aroclor-1268 {5}			12.49				11.39	11.39

GC Column (2nd): DB-1701P

Data File: R1328.C R1327.C R1326.C R1325.C R1324.C

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WI NDOW FROM	TO
Aroclor-1262			10.59				9.69	9.69
Aroclor-1262 {2}			11.10				10.20	10.20
Aroclor-1262 {3}			11.61				10.71	10.71
Aroclor-1262 {4}			11.70				10.70	10.70
Aroclor-1262 {5}			12.31				11.31	11.31
Aroclor-1268			11.60				10.60	10.60
Aroclor-1268 {2}			11.69				10.59	10.59
Aroclor-1268 {3}			11.95				10.85	10.85
Aroclor-1268 {4}			12.09				10.99	10.99
Aroclor-1268 {5}			13.18				12.08	12.08

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 07/09/2012

Instrument ID: GC-R
GC Column (1st): DB-5

Data File: R1328.D R1327.D R1326.D R1325.D R1324.D

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1262			23317047				
Aroclor-1262 {2}			36960573				
Aroclor-1262 {3}			14193230				
Aroclor-1262 {4}			14630636				
Aroclor-1262 {5}			8350424				
Aroclor-1268			39564508				
Aroclor-1268 {2}			36568388				
Aroclor-1268 {3}			31245029				
Aroclor-1268 {4}			8521465				
Aroclor-1268 {5}			81763481				

GC Column (2nd): DB-1701P

Data File: R1328.C R1327.C R1326.C R1325.C R1324.C

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1262			4990076				
Aroclor-1262 {2}			10505132				
Aroclor-1262 {3}			3593968				
Aroclor-1262 {4}			7221092				
Aroclor-1262 {5}			1442177				
Aroclor-1268			10374668				
Aroclor-1268 {2}			10520180				
Aroclor-1268 {3}			8555446				
Aroclor-1268 {4}			2540521				
Aroclor-1268 {5}			26243535				

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 06/26/2012

Instrument ID: GC-Y
GC Column (1st): DB-5

Data File: Y5693.D Y5692.D Y5691.D Y5690.D Y5689.D

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WI NDOW FROM	TO
Aroclor-1016	3.27	3.28	3.28	3.28	3.28	3.28	3.21	3.35
Aroclor-1016 {2}	4.11	4.10	4.11	4.11	4.11	4.11	4.04	4.18
Aroclor-1016 {3}	4.65	4.66	4.65	4.65	4.65	4.65	4.58	4.72
Aroclor-1016 {4}	5.16	5.16	5.16	5.16	5.16	5.16	5.09	5.23
Aroclor-1016 {5}	5.55	5.55	5.55	5.55	5.55	5.55	5.48	5.62
Aroclor-1221			2.17				2.10	2.24
Aroclor-1221 {2}			3.07				3.00	3.14
Aroclor-1221 {3}			3.19				3.12	3.26
Aroclor-1221 {4}			3.27				3.20	3.34
Aroclor-1221 {5}			3.86				3.79	3.93
Aroclor-1232			3.27				3.20	3.34
Aroclor-1232 {2}			4.10				4.03	4.17
Aroclor-1232 {3}			4.76				4.69	4.83
Aroclor-1232 {4}			5.35				5.28	5.42
Aroclor-1232 {5}			5.55				5.48	5.62
Aroclor-1242			4.11				4.04	4.18
Aroclor-1242 {2}			5.04				4.97	5.11
Aroclor-1242 {3}			5.36				5.29	5.43
Aroclor-1242 {4}			6.05				5.98	6.12
Aroclor-1242 {5}			6.32				6.25	6.39
Aroclor-1248			4.50				4.42	4.58
Aroclor-1248 {2}			5.04				4.96	5.12
Aroclor-1248 {3}			5.36				5.28	5.44
Aroclor-1248 {4}			6.06				5.98	6.14
Aroclor-1248 {5}			6.33				6.25	6.41
Aroclor-1254			6.45				6.37	6.53
Aroclor-1254 {2}			6.88				6.80	6.96
Aroclor-1254 {3}			7.05				6.96	7.14
Aroclor-1254 {4}			7.48				7.39	7.57
Aroclor-1254 {5}			8.33				8.24	8.42
Aroclor-1260	8.32	8.32	8.32	8.33	8.32	8.32	7.42	9.22
Aroclor-1260 {2}	9.00	9.00	9.00	9.00	9.00	9.00	8.10	9.90
Aroclor-1260 {3}	9.47	9.47	9.47	9.47	9.47	9.47	8.57	10.37
Aroclor-1260 {4}	9.95	9.95	9.95	9.95	9.95	9.95	9.05	10.85
Aroclor-1260 {5}	11.01	11.01	11.01	11.01	11.01	11.01	10.11	11.91

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 06/26/2012

Instrument ID: GC-Y
GC Column (1st): DB-5

Data File: Y5693.D Y5692.D Y5691.D Y5690.D Y5689.D

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1016	2158526	1576000	1698131	1764462	1711954	1781815	12.44
Aroclor-1016 {2}	2402575	2200752	2357394	2475021	2422935	2371736	4.41
Aroclor-1016 {3}	3011949	2882239	3177441	3334621	3218928	3125036	5.71
Aroclor-1016 {4}	1681635	1432658	1450872	1515174	1485014	1513071	6.57
Aroclor-1016 {5}	2597064	2368911	2578717	2724853	2708544	2595618	5.49
Aroclor-1221			828520				
Aroclor-1221 {2}			1275655				
Aroclor-1221 {3}			857847				
Aroclor-1221 {4}			2894853				
Aroclor-1221 {5}			670112				
Aroclor-1232			2063367				
Aroclor-1232 {2}			1131048				
Aroclor-1232 {3}			1055895				
Aroclor-1232 {4}			1126126				
Aroclor-1232 {5}			1450731				
Aroclor-1242			2034139				
Aroclor-1242 {2}			1293898				
Aroclor-1242 {3}			1881596				
Aroclor-1242 {4}			2805290				
Aroclor-1242 {5}			2579945				
Aroclor-1248			4238052				
Aroclor-1248 {2}			2416821				
Aroclor-1248 {3}			3236060				
Aroclor-1248 {4}			5160666				
Aroclor-1248 {5}			4144900				
Aroclor-1254			4674394				
Aroclor-1254 {2}			3742416				
Aroclor-1254 {3}			7049491				
Aroclor-1254 {4}			7076508				
Aroclor-1254 {5}			6604307				
Aroclor-1260	6883885	6422839	7458788	7740786	7175397	7136339	7.16
Aroclor-1260 {2}	3543900	3011968	3350316	3459291	3428078	3358711	6.13
Aroclor-1260 {3}	8936763	7244082	8370413	8710148	8431730	8338627	7.83
Aroclor-1260 {4}	4086888	4169347	4220226	4362104	4255205	4218754	2.42
Aroclor-1260 {5}	1823349	1628762	1601873	1633329	1570813	1651625	6.01
						Average %RSD	6.41

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 06/26/2012

Instrument ID: GC-Y
GC Column (2nd): RTX-CLP2

Data File: Y5693.C Y5692.C Y5691.C Y5690.C Y5689.C

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WINDOW FROM	TO
Aroclor-1016	3.82	3.81	3.82	3.82	3.82	3.82	3.75	3.89
Aroclor-1016 {2}	4.42	4.42	4.42	4.42	4.42	4.42	4.35	4.49
Aroclor-1016 {3}	5.17	5.17	5.17	5.17	5.17	5.17	5.10	5.24
Aroclor-1016 {4}	5.38	5.38	5.38	5.38	5.38	5.38	5.31	5.45
Aroclor-1016 {5}	5.56	5.56	5.56	5.56	5.56	5.56	5.49	5.63
Aroclor-1221			2.49				2.42	2.56
Aroclor-1221 {2}			3.50				3.43	3.57
Aroclor-1221 {3}			3.73				3.66	3.80
Aroclor-1221 {4}			3.83				3.76	3.90
Aroclor-1221 {5}			5.18				5.11	5.25
Aroclor-1232			3.83				3.76	3.90
Aroclor-1232 {2}			4.82				4.75	4.89
Aroclor-1232 {3}			5.39				5.32	5.46
Aroclor-1232 {4}			5.57				5.50	5.64
Aroclor-1232 {5}			6.17				6.10	6.24
Aroclor-1242			4.81				4.74	4.88
Aroclor-1242 {2}			5.56				5.49	5.63
Aroclor-1242 {3}			6.16				6.09	6.23
Aroclor-1242 {4}			6.32				6.25	6.39
Aroclor-1242 {5}			6.85				6.78	6.92
Aroclor-1248			5.17				5.09	5.25
Aroclor-1248 {2}			5.76				5.68	5.84
Aroclor-1248 {3}			6.16				6.08	6.24
Aroclor-1248 {4}			6.31				6.23	6.39
Aroclor-1248 {5}			6.66				6.58	6.74
Aroclor-1254			7.16				7.08	7.24
Aroclor-1254 {2}			7.75				7.67	7.83
Aroclor-1254 {3}			8.36				8.27	8.45
Aroclor-1254 {4}			8.59				8.50	8.68
Aroclor-1254 {5}			9.18				9.09	9.27
Aroclor-1260	7.93	7.93	7.93	7.93	7.93	7.93	7.03	8.83
Aroclor-1260 {2}	8.18	8.18	8.18	8.18	8.18	8.18	7.28	9.08
Aroclor-1260 {3}	9.78	9.78	9.78	9.78	9.78	9.78	8.88	10.68
Aroclor-1260 {4}	10.28	10.28	10.28	10.28	10.28	10.28	9.38	11.18
Aroclor-1260 {5}	10.87	10.87	10.87	10.87	10.87	10.87	9.97	11.77

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 06/26/2012

Instrument ID: GC-Y
GC Column (2nd): RTX-CLP2

Data File: Y5693.C Y5692.C Y5691.C Y5690.C Y5689.C

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1016	639129	556083	544610	543480	516688	559998	8.31
Aroclor-1016 {2}	1365709	1182903	1092201	1079621	1029700	1150027	11.53
Aroclor-1016 {3}	2992384	2496318	2480225	2496406	2421461	2577359	9.08
Aroclor-1016 {4}	1105095	1106203	1048532	1040620	999297	1059949	4.31
Aroclor-1016 {5}	1169612	852192	813028	812368	784228	886286	18.08
Aroclor-1221			258324				
Aroclor-1221 {2}			355681				
Aroclor-1221 {3}			235125				
Aroclor-1221 {4}			860404				
Aroclor-1221 {5}			159575				
Aroclor-1232			657366				
Aroclor-1232 {2}			243462				
Aroclor-1232 {3}			535109				
Aroclor-1232 {4}			410759				
Aroclor-1232 {5}			569667				
Aroclor-1242			407951				
Aroclor-1242 {2}			694356				
Aroclor-1242 {3}			923104				
Aroclor-1242 {4}			770055				
Aroclor-1242 {5}			1481229				
Aroclor-1248			1317451				
Aroclor-1248 {2}			1948855				
Aroclor-1248 {3}			1413456				
Aroclor-1248 {4}			1205391				
Aroclor-1248 {5}			660352				
Aroclor-1254			1777649				
Aroclor-1254 {2}			1317035				
Aroclor-1254 {3}			1340827				
Aroclor-1254 {4}			737293				
Aroclor-1254 {5}			1811680				
Aroclor-1260	917650	964102	906415	900990	871776	912187	3.68
Aroclor-1260 {2}	1607423	1384418	1296595	1285273	1245243	1363790	10.66
Aroclor-1260 {3}	1232724	1193984	1095226	1068774	1055784	1129299	7.02
Aroclor-1260 {4}	2390638	2154327	2351228	2354437	2330183	2316162	4.02
Aroclor-1260 {5}	1690329	1459572	1755368	1697742	1795274	1679657	7.76
						Average %RSD	8.45

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 06/26/2012

Instrument ID: GC-Y
GC Column (1st): DB-5

Data File: Y5693.D Y5692.D Y5691.D Y5690.D Y5689.D

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WI NDOW FROM	TO
Aroclor-1262			8.62				7.72	7.72
Aroclor-1262 {2}			9.47				8.57	8.57
Aroclor-1262 {3}			10.10				9.20	9.20
Aroclor-1262 {4}			10.19				9.19	9.19
Aroclor-1262 {5}			11.01				10.01	10.01
Aroclor-1268			10.10				9.10	9.10
Aroclor-1268 {2}			10.19				9.09	9.09
Aroclor-1268 {3}			10.66				9.56	9.56
Aroclor-1268 {4}			10.79				9.69	9.69
Aroclor-1268 {5}			11.61				10.51	10.51

GC Column (2nd): DB-1701P

Data File: Y5693.C Y5692.C Y5691.C Y5690.C Y5689.C

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WI NDOW FROM	TO
Aroclor-1262			9.78				8.88	8.88
Aroclor-1262 {2}			10.28				9.38	9.38
Aroclor-1262 {3}			10.78				9.88	9.88
Aroclor-1262 {4}			10.87				9.87	9.87
Aroclor-1262 {5}			11.47				10.47	10.47
Aroclor-1268			10.78				9.78	9.78
Aroclor-1268 {2}			10.86				9.76	9.76
Aroclor-1268 {3}			11.12				10.02	10.02
Aroclor-1268 {4}			11.26				10.16	10.16
Aroclor-1268 {5}			12.34				11.24	11.24

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 06/26/2012

Instrument ID: GC-Y

GC Column (1st): DB-5

Data File: Y5693.D Y5692.D Y5691.D Y5690.D Y5689.D

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1262			7073891				
Aroclor-1262 {2}			13053876				
Aroclor-1262 {3}			3301435				
Aroclor-1262 {4}			4436742				
Aroclor-1262 {5}			3777047				
Aroclor-1268			11864453				
Aroclor-1268 {2}			12465549				
Aroclor-1268 {3}			7914907				
Aroclor-1268 {4}			2259144				
Aroclor-1268 {5}			29144624				

GC Column (2nd): DB-1701P

Data File: Y5693.C Y5692.C Y5691.C Y5690.C Y5689.C

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1262			1362153				
Aroclor-1262 {2}			3461876				
Aroclor-1262 {3}			1183328				
Aroclor-1262 {4}			2333360				
Aroclor-1262 {5}			429177				
Aroclor-1268			3479624				
Aroclor-1268 {2}			3499079				
Aroclor-1268 {3}			2918320				
Aroclor-1268 {4}			824937				
Aroclor-1268 {5}			9305585				

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 07/25/2012

Instrument ID: GC-R
GC Column (1st): DB-5

Data File: R1919.D R1918.D R1917.D R1916.D R1915.D

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WI NDOW FROM	TO
Aroclor-1016	3.97	3.98	3.97	3.97	3.97	3.97	3.90	4.04
Aroclor-1016 {2}	4.87	4.87	4.87	4.87	4.87	4.87	4.80	4.94
Aroclor-1016 {3}	5.45	5.46	5.45	5.45	5.45	5.45	5.38	5.52
Aroclor-1016 {4}	5.98	5.99	5.98	5.98	5.98	5.98	5.91	6.05
Aroclor-1016 {5}	6.40	6.40	6.39	6.39	6.39	6.40	6.33	6.47
Aroclor-1221			2.75				2.68	2.82
Aroclor-1221 {2}			3.75				3.68	3.82
Aroclor-1221 {3}			3.89				3.82	3.96
Aroclor-1221 {4}			3.98				3.91	4.05
Aroclor-1221 {5}			4.62				4.55	4.69
Aroclor-1232			3.97				3.90	4.04
Aroclor-1232 {2}			4.87				4.80	4.94
Aroclor-1232 {3}			5.57				5.50	5.64
Aroclor-1232 {4}			6.19				6.12	6.26
Aroclor-1232 {5}			6.39				6.32	6.46
Aroclor-1242			4.87				4.80	4.94
Aroclor-1242 {2}			5.85				5.78	5.92
Aroclor-1242 {3}			6.19				6.12	6.26
Aroclor-1242 {4}			6.91				6.84	6.98
Aroclor-1242 {5}			7.19				7.12	7.26
Aroclor-1248			5.29				5.21	5.37
Aroclor-1248 {2}			5.85				5.77	5.93
Aroclor-1248 {3}			6.19				6.11	6.27
Aroclor-1248 {4}			6.91				6.83	6.99
Aroclor-1248 {5}			7.19				7.11	7.27
Aroclor-1254			7.32				7.24	7.40
Aroclor-1254 {2}			7.77				7.69	7.85
Aroclor-1254 {3}			7.94				7.85	8.03
Aroclor-1254 {4}			8.38				8.29	8.47
Aroclor-1254 {5}			9.24				9.15	9.33
Aroclor-1260	9.24	9.25	9.24	9.24	9.24	9.24	8.34	10.14
Aroclor-1260 {2}	9.93	9.93	9.93	9.93	9.93	9.93	9.03	10.83
Aroclor-1260 {3}	10.41	10.41	10.41	10.41	10.41	10.41	9.51	11.31
Aroclor-1260 {4}	10.90	10.90	10.90	10.90	10.90	10.90	10.00	11.80
Aroclor-1260 {5}	11.97	11.98	11.97	11.97	11.97	11.97	11.07	12.87

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 07/25/2012 **Instrument ID:** GC-R

GC Column (1st): DB-5

Data File: R1919.D R1918.D R1917.D R1916.D R1915.D

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1016	3861329	4067553	3619811	3437341	2971339	3591475	11.72
Aroclor-1016 {2}	4695381	4865302	5078037	4757873	4069195	4693158	8.05
Aroclor-1016 {3}	6015529	6809814	6552496	6296680	5450176	6224939	8.42
Aroclor-1016 {4}	2789407	3169082	3168266	2882177	2665825	2934952	7.73
Aroclor-1016 {5}	4979140	5560978	5779253	5244328	4863334	5285406	7.29
Aroclor-1221			1640552				
Aroclor-1221 {2}			2197818				
Aroclor-1221 {3}			1672140				
Aroclor-1221 {4}			5407552				
Aroclor-1221 {5}			1324546				
Aroclor-1232			4223861				
Aroclor-1232 {2}			2180042				
Aroclor-1232 {3}			2381496				
Aroclor-1232 {4}			2159524				
Aroclor-1232 {5}			3173122				
Aroclor-1242			3800619				
Aroclor-1242 {2}			2659534				
Aroclor-1242 {3}			3443534				
Aroclor-1242 {4}			5652690				
Aroclor-1242 {5}			5439273				
Aroclor-1248			8552929				
Aroclor-1248 {2}			4740006				
Aroclor-1248 {3}			5296401				
Aroclor-1248 {4}			9498316				
Aroclor-1248 {5}			8163445				
Aroclor-1254			11251566				
Aroclor-1254 {2}			7390109				
Aroclor-1254 {3}			13152717				
Aroclor-1254 {4}			16941349				
Aroclor-1254 {5}			16885116				
Aroclor-1260	21866768	23259627	22830219	22816846	20542478	22263188	4.89
Aroclor-1260 {2}	9585139	10051854	10391724	10251213	9199259	9895838	5.00
Aroclor-1260 {3}	31960380	34871505	33638324	33788008	29259200	32703483	6.69
Aroclor-1260 {4}	12618028	15094886	14722423	14818733	13869341	14224682	7.09
Aroclor-1260 {5}	7309233	6730445	6399047	6376001	6255770	6614099	6.45
					Average %RSD		7.33

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 07/25/2012

Instrument ID: GC-R
GC Column (2nd): RTX-CLP2

Data File: R1919.C R1918.C R1917.C R1916.C R1915.C

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WI NDOW FROM	TO
Aroclor-1016	4.32	4.33	4.32	4.32	4.32	4.32	4.25	4.39
Aroclor-1016 {2}	4.94	4.96	4.94	4.94	4.94	4.94	4.87	5.01
Aroclor-1016 {3}	5.72	5.73	5.71	5.71	5.71	5.72	5.65	5.79
Aroclor-1016 {4}	5.93	5.94	5.93	5.93	5.93	5.93	5.86	6.00
Aroclor-1016 {5}	6.11	6.12	6.11	6.11	6.11	6.11	6.04	6.18
Aroclor-1221			2.93				2.86	3.00
Aroclor-1221 {2}			3.99				3.92	4.06
Aroclor-1221 {3}			4.24				4.17	4.31
Aroclor-1221 {4}			4.33				4.26	4.40
Aroclor-1221 {5}			5.73				5.66	5.80
Aroclor-1232			4.32				4.25	4.39
Aroclor-1232 {2}			5.34				5.27	5.41
Aroclor-1232 {3}			5.93				5.86	6.00
Aroclor-1232 {4}			6.11				6.04	6.18
Aroclor-1232 {5}			6.72				6.65	6.79
Aroclor-1242			5.34				5.27	5.41
Aroclor-1242 {2}			6.11				6.04	6.18
Aroclor-1242 {3}			6.72				6.65	6.79
Aroclor-1242 {4}			6.88				6.81	6.95
Aroclor-1242 {5}			7.41				7.34	7.48
Aroclor-1248			5.71				5.63	5.79
Aroclor-1248 {2}			6.31				6.23	6.39
Aroclor-1248 {3}			6.72				6.64	6.80
Aroclor-1248 {4}			6.88				6.80	6.96
Aroclor-1248 {5}			7.23				7.15	7.31
Aroclor-1254			7.73				7.65	7.81
Aroclor-1254 {2}			8.33				8.25	8.41
Aroclor-1254 {3}			8.78				8.69	8.87
Aroclor-1254 {4}			8.95				8.86	9.04
Aroclor-1254 {5}			9.78				9.69	9.87
Aroclor-1260	8.78	8.79	8.77	8.77	8.77	8.78	7.88	9.68
Aroclor-1260 {2}	9.18	9.19	9.18	9.18	9.18	9.18	8.28	10.08
Aroclor-1260 {3}	10.39	10.40	10.39	10.39	10.39	10.39	9.49	11.29
Aroclor-1260 {4}	10.90	10.90	10.89	10.89	10.90	10.90	10.00	11.80
Aroclor-1260 {5}	11.50	11.51	11.50	11.49	11.50	11.50	10.60	12.40

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 07/25/2012

Instrument ID: GC-R
GC Column (2nd): RTX-CLP2

Data File: R1919.C R1918.C R1917.C R1916.C R1915.C

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1016	2608222	2869531	2304421	2153128	1871860	2361432	16.47
Aroclor-1016 {2}	4598626	4968778	4378650	4064142	3522889	4306617	12.73
Aroclor-1016 {3}	11081464	11039160	9433695	9040360	7990408	9717017	13.74
Aroclor-1016 {4}	4704828	4581194	4022560	3766893	3288955	4072886	14.36
Aroclor-1016 {5}	3019558	3705962	3139733	2939987	2581336	3077315	13.27
Aroclor-1221			1562362				
Aroclor-1221 {2}			1841891				
Aroclor-1221 {3}			1140460				
Aroclor-1221 {4}			3788546				
Aroclor-1221 {5}			886580				
Aroclor-1232			2776199				
Aroclor-1232 {2}			1026973				
Aroclor-1232 {3}			2154208				
Aroclor-1232 {4}			1527915				
Aroclor-1232 {5}			2276746				
Aroclor-1242			1666884				
Aroclor-1242 {2}			2548204				
Aroclor-1242 {3}			3542454				
Aroclor-1242 {4}			2971230				
Aroclor-1242 {5}			5445135				
Aroclor-1248			5118852				
Aroclor-1248 {2}			7042789				
Aroclor-1248 {3}			5178754				
Aroclor-1248 {4}			4414195				
Aroclor-1248 {5}			2431796				
Aroclor-1254			4580054				
Aroclor-1254 {2}			4947639				
Aroclor-1254 {3}			3213700				
Aroclor-1254 {4}			4869526				
Aroclor-1254 {5}			6402481				
Aroclor-1260	5704031	5929826	4557065	4280897	3803569	4855078	18.99
Aroclor-1260 {2}	6571695	6788275	5254450	5008607	4469661	5618538	18.02
Aroclor-1260 {3}	4854217	4872141	4046670	3860688	3476569	4222057	14.69
Aroclor-1260 {4}	9968490	9821288	8487533	8314183	7640190	8846337	11.41
Aroclor-1260 {5}	6995420	7546226	6224798	6074186	5570054	6482137	12.10
					Average %RSD		14.58

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 07/25/2012

Instrument ID: GC-R
GC Column (1st): DB-5

Data File: R1919.D R1918.D R1917.D R1916.D R1915.D

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WINDOW FROM	TO
Aroclor-1262			9.54				8.64	8.64
Aroclor-1262 {2}			10.41				9.51	9.51
Aroclor-1262 {3}			11.06				10.16	10.16
Aroclor-1262 {4}			11.14				10.14	10.14
Aroclor-1262 {5}			11.97				10.97	10.97
Aroclor-1268			11.05				10.05	10.05
Aroclor-1268 {2}			11.14				10.04	10.04
Aroclor-1268 {3}			11.62				10.52	10.52
Aroclor-1268 {4}			11.75				10.65	10.65
Aroclor-1268 {5}			12.59				11.49	11.49

GC Column (2nd): DB-1701P

Data File: R1919.C R1918.C R1917.C R1916.C R1915.C

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WINDOW FROM	TO
Aroclor-1262			10.39				9.49	9.49
Aroclor-1262 {2}			10.89				9.99	9.99
Aroclor-1262 {3}			11.40				10.50	10.50
Aroclor-1262 {4}			11.49				10.49	10.49
Aroclor-1262 {5}			12.10				11.10	11.10
Aroclor-1268			11.40				10.40	10.40
Aroclor-1268 {2}			11.48				10.38	10.38
Aroclor-1268 {3}			11.74				10.64	10.64
Aroclor-1268 {4}			11.89				10.79	10.79
Aroclor-1268 {5}			12.97				11.87	11.87

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 07/25/2012

Instrument ID: GC-R
GC Column (1st): DB-5

Data File: R1919.D R1918.D R1917.D R1916.D R1915.D

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1262			25674500				
Aroclor-1262 {2}			44065395				
Aroclor-1262 {3}			8644736				
Aroclor-1262 {4}			17505507				
Aroclor-1262 {5}			13587008				
Aroclor-1268			35316096				
Aroclor-1268 {2}			45159285				
Aroclor-1268 {3}			38526022				
Aroclor-1268 {4}			9086155				
Aroclor-1268 {5}			97397343				

GC Column (2nd): DB-1701P

Data File: R1919.C R1918.C R1917.C R1916.C R1915.C

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1262			6149771				
Aroclor-1262 {2}			14304283				
Aroclor-1262 {3}			3954618				
Aroclor-1262 {4}			9789175				
Aroclor-1262 {5}			2456430				
Aroclor-1268			13302251				
Aroclor-1268 {2}			14090193				
Aroclor-1268 {3}			11831489				
Aroclor-1268 {4}			3109771				
Aroclor-1268 {5}			37623576				

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/16/2012 **Instrument ID:** GC-R

Data File: R1675.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.94	3.87	4.01	3196123	3270082	2.31
Aroclor-1016 {2}	4.83	4.75	4.89	3576012	3763278	5.24
Aroclor-1016 {3}	5.41	5.34	5.48	5678468	6479207	14.10
Aroclor-1016 {4}	5.94	5.86	6.00	2700613	2678904	0.80
Aroclor-1016 {5}	6.34	6.27	6.41	4631478	4774109	3.08
Aroclor-1260	9.17	8.27	10.07	12057768	13449717	11.54
Aroclor-1260 {2}	9.85	8.95	10.75	7074717	6663130	5.82
Aroclor-1260 {3}	10.33	9.42	11.22	20823935	20003103	3.94
Aroclor-1260 {4}	10.82	9.91	11.71	8810723	7673574	12.91
Aroclor-1260 {5}	11.88	10.97	12.77	4109987	3572782	13.07
					Average %D	7.28

Data File: R1675.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.49	4.42	4.56	1724941	1950131	13.05
Aroclor-1016 {2}	5.12	5.05	5.19	3409879	3711314	8.84
Aroclor-1016 {3}	5.90	5.83	5.97	7334139	8121901	10.74
Aroclor-1016 {4}	6.12	6.05	6.19	2556946	2842144	11.15
Aroclor-1016 {5}	6.31	6.24	6.38	2512524	2710673	7.89
Aroclor-1260	8.98	8.08	9.88	3582948	3507340	2.11
Aroclor-1260 {2}	9.39	8.49	10.29	4019794	3650628	9.18
Aroclor-1260 {3}	10.59	9.69	11.49	2967039	2716358	8.45
Aroclor-1260 {4}	11.10	10.20	12.00	5845318	5628667	3.71
Aroclor-1260 {5}	11.70	10.80	12.60	4564658	4016128	12.02
					Average %D	8.71

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/16/2012 **Instrument ID:** GC-R

Data File: R1688.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.95	3.87	4.01	3196123	3290651	2.96
Aroclor-1016 {2}	4.84	4.75	4.89	3576012	3697212	3.39
Aroclor-1016 {3}	5.42	5.34	5.48	5678468	6185798	8.93
Aroclor-1016 {4}	5.94	5.86	6.00	2700613	3064612	13.48
Aroclor-1016 {5}	6.35	6.27	6.41	4631478	5194978	12.17
Aroclor-1260	9.18	8.27	10.07	12057768	12630237	4.75
Aroclor-1260 {2}	9.86	8.95	10.75	7074717	6567763	7.17
Aroclor-1260 {3}	10.34	9.42	11.22	20823935	19348196	7.09
Aroclor-1260 {4}	10.83	9.91	11.71	8810723	8347878	5.25
Aroclor-1260 {5}	11.89	10.97	12.77	4109987	3861305	6.05
					Average %D	7.12

Data File: R1688.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.49	4.42	4.56	1724941	1707448	1.01
Aroclor-1016 {2}	5.12	5.05	5.19	3409879	3222926	5.48
Aroclor-1016 {3}	5.91	5.83	5.97	7334139	7012411	4.39
Aroclor-1016 {4}	6.13	6.05	6.19	2556946	2518947	1.49
Aroclor-1016 {5}	6.31	6.24	6.38	2512524	2333228	7.14
Aroclor-1260	8.98	8.08	9.88	3582948	3202448	10.62
Aroclor-1260 {2}	9.39	8.49	10.29	4019794	3509991	12.68
Aroclor-1260 {3}	10.59	9.69	11.49	2967039	2701253	8.96
Aroclor-1260 {4}	11.10	10.20	12.00	5845318	5854674	0.16
Aroclor-1260 {5}	11.71	10.80	12.60	4564658	4449147	2.53
					Average %D	5.45

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/18/2012 **Instrument ID:** GC-Y

Data File: Y6904.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.28	3.21	3.35	1781815	1522585	14.55
Aroclor-1016 {2}	4.11	4.04	4.18	2371736	2084708	12.10
Aroclor-1016 {3}	4.66	4.58	4.72	3125036	2820179	9.76
Aroclor-1016 {4}	5.17	5.09	5.23	1513071	1291702	14.63
Aroclor-1016 {5}	5.56	5.48	5.62	2595618	2240163	13.69
Aroclor-1260	8.33	7.42	9.22	7136339	6501615	8.89
Aroclor-1260 {2}	9.00	8.10	9.90	3358711	2802020	16.57
Aroclor-1260 {3}	9.48	8.57	10.37	8338627	7111669	14.71
Aroclor-1260 {4}	9.96	9.05	10.85	4218754	3709110	12.08
Aroclor-1260 {5}	11.01	10.11	11.91	1651625	1519462	8.00
					Average %D	12.50

Data File: Y6904.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.75	3.89	559998	570945	1.95
Aroclor-1016 {2}	4.39	4.35	4.49	1150027	1149595	0.04
Aroclor-1016 {3}	5.15	5.10	5.24	2577359	2664743	3.39
Aroclor-1016 {4}	5.36	5.31	5.45	1059949	1113190	5.02
Aroclor-1016 {5}	5.53	5.49	5.63	886286	868227	2.04
Aroclor-1260	7.90	7.03	8.83	912187	943585	3.44
Aroclor-1260 {2}	8.15	7.28	9.08	1363790	1393949	2.21
Aroclor-1260 {3}	9.74	8.88	10.68	1129299	1187463	5.15
Aroclor-1260 {4}	10.25	9.38	11.18	2316162	2536378	9.51
Aroclor-1260 {5}	10.84	9.97	11.77	1679657	1804907	7.46
					Average %D	4.02

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/18/2012 **Instrument ID:** GC-Y

Data File: Y6913.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.28	3.21	3.35	1781815	1520385	14.67
Aroclor-1016 {2}	4.11	4.04	4.18	2371736	2102636	11.35
Aroclor-1016 {3}	4.66	4.58	4.72	3125036	2806555	10.19
Aroclor-1016 {4}	5.17	5.09	5.23	1513071	1303874	13.83
Aroclor-1016 {5}	5.56	5.48	5.62	2595618	2247071	13.43
Aroclor-1260	8.33	7.42	9.22	7136339	6584234	7.74
Aroclor-1260 {2}	9.00	8.10	9.90	3358711	2819128	16.07
Aroclor-1260 {3}	9.48	8.57	10.37	8338627	7146090	14.30
Aroclor-1260 {4}	9.96	9.05	10.85	4218754	3653106	13.41
Aroclor-1260 {5}	11.01	10.11	11.91	1651625	1839665	11.39
					Average %D	12.64

Data File: Y6913.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.75	3.89	559998	576462	2.94
Aroclor-1016 {2}	4.39	4.35	4.49	1150027	1170353	1.77
Aroclor-1016 {3}	5.15	5.10	5.24	2577359	2650813	2.85
Aroclor-1016 {4}	5.36	5.31	5.45	1059949	1116579	5.34
Aroclor-1016 {5}	5.53	5.49	5.63	886286	867800	2.09
Aroclor-1260	7.90	7.03	8.83	912187	979648	7.40
Aroclor-1260 {2}	8.15	7.28	9.08	1363790	1420075	4.13
Aroclor-1260 {3}	9.74	8.88	10.68	1129299	1226698	8.62
Aroclor-1260 {4}	10.25	9.38	11.18	2316162	2534266	9.42
Aroclor-1260 {5}	10.84	9.97	11.77	1679657	1841086	9.61
					Average %D	5.42

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/21/2012 **Instrument ID:** GC-Y

Data File: Y7145.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.28	3.21	3.35	1781815	1748451	1.87
Aroclor-1016 {2}	4.11	4.04	4.18	2371736	2329582	1.78
Aroclor-1016 {3}	4.66	4.58	4.72	3125036	3279434	4.94
Aroclor-1016 {4}	5.17	5.09	5.23	1513071	1541503	1.88
Aroclor-1016 {5}	5.56	5.48	5.62	2595618	2658707	2.43
Aroclor-1260	8.33	7.42	9.22	7136339	8005651	12.18
Aroclor-1260 {2}	9.00	8.10	9.90	3358711	3221612	4.08
Aroclor-1260 {3}	9.48	8.57	10.37	8338627	9184786	10.15
Aroclor-1260 {4}	9.96	9.05	10.85	4218754	4979711	18.04
Aroclor-1260 {5}	11.02	10.11	11.91	1651625	1782580	7.93
					Average %D	6.53

Data File: Y7145.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.75	3.89	559998	595555	6.35
Aroclor-1016 {2}	4.39	4.35	4.49	1150027	1138551	1.00
Aroclor-1016 {3}	5.15	5.10	5.24	2577359	2900360	12.53
Aroclor-1016 {4}	5.35	5.31	5.45	1059949	1081793	2.06
Aroclor-1016 {5}	5.53	5.49	5.63	886286	886591	0.03
Aroclor-1260	7.89	7.03	8.83	912187	881500	3.36
Aroclor-1260 {2}	8.14	7.28	9.08	1363790	1564295	14.70
Aroclor-1260 {3}	9.73	8.88	10.68	1129299	1228949	8.82
Aroclor-1260 {4}	10.24	9.38	11.18	2316162	2626278	13.39
Aroclor-1260 {5}	10.83	9.97	11.77	1679657	1953870	16.33
					Average %D	7.86

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/22/2012 **Instrument ID:** GC-Y

Data File: Y7160.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.28	3.21	3.35	1781815	1754692	1.52
Aroclor-1016 {2}	4.11	4.04	4.18	2371736	2314213	2.43
Aroclor-1016 {3}	4.66	4.58	4.72	3125036	3240825	3.71
Aroclor-1016 {4}	5.17	5.09	5.23	1513071	1536779	1.57
Aroclor-1016 {5}	5.56	5.48	5.62	2595618	2613017	0.67
Aroclor-1260	8.33	7.42	9.22	7136339	7633210	6.96
Aroclor-1260 {2}	9.00	8.10	9.90	3358711	3159976	5.92
Aroclor-1260 {3}	9.48	8.57	10.37	8338627	8516245	2.13
Aroclor-1260 {4}	9.96	9.05	10.85	4218754	4535348	7.50
Aroclor-1260 {5}	11.02	10.11	11.91	1651625	1563332	5.35
					Average %D	3.77

Data File: Y7160.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.75	3.89	559998	623279	11.30
Aroclor-1016 {2}	4.39	4.35	4.49	1150027	1175050	2.18
Aroclor-1016 {3}	5.14	5.10	5.24	2577359	2868218	11.29
Aroclor-1016 {4}	5.35	5.31	5.45	1059949	1033147	2.53
Aroclor-1016 {5}	5.53	5.49	5.63	886286	926213	4.51
Aroclor-1260	7.89	7.03	8.83	912187	814560	10.70
Aroclor-1260 {2}	8.14	7.28	9.08	1363790	1517994	11.31
Aroclor-1260 {3}	9.74	8.88	10.68	1129299	1226580	8.61
Aroclor-1260 {4}	10.24	9.38	11.18	2316162	2603488	12.41
Aroclor-1260 {5}	10.83	9.97	11.77	1679657	1918903	14.24
					Average %D	8.91

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/23/2012 **Instrument ID:** GC-Y

Data File: Y7204.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.28	3.21	3.35	1781815	1575416	11.58
Aroclor-1016 {2}	4.11	4.04	4.18	2371736	2102243	11.36
Aroclor-1016 {3}	4.66	4.58	4.72	3125036	2972608	4.88
Aroclor-1016 {4}	5.17	5.09	5.23	1513071	1427241	5.67
Aroclor-1016 {5}	5.56	5.48	5.62	2595618	2412735	7.05
Aroclor-1260	8.33	7.42	9.22	7136339	7203558	0.94
Aroclor-1260 {2}	9.00	8.10	9.90	3358711	2926102	12.88
Aroclor-1260 {3}	9.48	8.57	10.37	8338627	8258004	0.97
Aroclor-1260 {4}	9.96	9.05	10.85	4218754	4087458	3.11
Aroclor-1260 {5}	11.02	10.11	11.91	1651625	1608766	2.59
					Average %D	6.10

Data File: Y7204.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.75	3.89	559998	607336	8.45
Aroclor-1016 {2}	4.39	4.35	4.49	1150027	1209027	5.13
Aroclor-1016 {3}	5.14	5.10	5.24	2577359	2809104	8.99
Aroclor-1016 {4}	5.35	5.31	5.45	1059949	1173216	10.69
Aroclor-1016 {5}	5.53	5.49	5.63	886286	923697	4.22
Aroclor-1260	7.89	7.03	8.83	912187	1058136	16.00
Aroclor-1260 {2}	8.14	7.28	9.08	1363790	1543846	13.20
Aroclor-1260 {3}	9.73	8.88	10.68	1129299	1216062	7.68
Aroclor-1260 {4}	10.24	9.38	11.18	2316162	2686688	16.00
Aroclor-1260 {5}	10.83	9.97	11.77	1679657	1903485	13.33
					Average %D	10.37

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/23/2012 **Instrument ID:** GC-Y

Data File: Y7221.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.28	3.21	3.35	1781815	1555873	12.68
Aroclor-1016 {2}	4.11	4.04	4.18	2371736	2105823	11.21
Aroclor-1016 {3}	4.66	4.58	4.72	3125036	2928783	6.28
Aroclor-1016 {4}	5.17	5.09	5.23	1513071	1369482	9.49
Aroclor-1016 {5}	5.56	5.48	5.62	2595618	2351184	9.42
Aroclor-1260	8.33	7.42	9.22	7136339	6925062	2.96
Aroclor-1260 {2}	9.00	8.10	9.90	3358711	2856580	14.95
Aroclor-1260 {3}	9.48	8.57	10.37	8338627	7658934	8.15
Aroclor-1260 {4}	9.96	9.05	10.85	4218754	3961433	6.10
Aroclor-1260 {5}	11.02	10.11	11.91	1651625	1870194	13.23
					Average %D	9.45

Data File: Y7221.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.75	3.89	559998	577370	3.10
Aroclor-1016 {2}	4.39	4.35	4.49	1150027	1149990	0.00
Aroclor-1016 {3}	5.14	5.10	5.24	2577359	2674722	3.78
Aroclor-1016 {4}	5.35	5.31	5.45	1059949	1123090	5.96
Aroclor-1016 {5}	5.53	5.49	5.63	886286	878199	0.91
Aroclor-1260	7.89	7.03	8.83	912187	998239	9.43
Aroclor-1260 {2}	8.14	7.28	9.08	1363790	1460257	7.07
Aroclor-1260 {3}	9.73	8.88	10.68	1129299	1170166	3.62
Aroclor-1260 {4}	10.24	9.38	11.18	2316162	2614627	12.89
Aroclor-1260 {5}	10.83	9.97	11.77	1679657	1941177	15.57
					Average %D	6.23

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/24/2012 **Instrument ID:** GC-Y

Data File: Y7262.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.29	3.21	3.35	1781815	1526562	14.33
Aroclor-1016 {2}	4.12	4.04	4.18	2371736	2067074	12.85
Aroclor-1016 {3}	4.67	4.58	4.72	3125036	2867655	8.24
Aroclor-1016 {4}	5.17	5.09	5.23	1513071	1350798	10.72
Aroclor-1016 {5}	5.56	5.48	5.62	2595618	2303053	11.27
Aroclor-1260	8.33	7.42	9.22	7136339	7054318	1.15
Aroclor-1260 {2}	9.00	8.10	9.90	3358711	2929548	12.78
Aroclor-1260 {3}	9.48	8.57	10.37	8338627	8238886	1.20
Aroclor-1260 {4}	9.96	9.05	10.85	4218754	4089144	3.07
Aroclor-1260 {5}	11.02	10.11	11.91	1651625	1821472	10.28
					Average %D	8.59

Data File: Y7262.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.80	3.75	3.89	559998	585000	4.46
Aroclor-1016 {2}	4.39	4.35	4.49	1150027	1130407	1.71
Aroclor-1016 {3}	5.15	5.10	5.24	2577359	2614003	1.42
Aroclor-1016 {4}	5.36	5.31	5.45	1059949	1106268	4.37
Aroclor-1016 {5}	5.53	5.49	5.63	886286	863516	2.57
Aroclor-1260	7.89	7.03	8.83	912187	992689	8.83
Aroclor-1260 {2}	8.14	7.28	9.08	1363790	1450853	6.38
Aroclor-1260 {3}	9.73	8.88	10.68	1129299	1160003	2.72
Aroclor-1260 {4}	10.24	9.38	11.18	2316162	2584726	11.60
Aroclor-1260 {5}	10.83	9.97	11.77	1679657	1876351	11.71
					Average %D	5.58

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/24/2012 **Instrument ID:** GC-Y

Data File: Y7270.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.29	3.21	3.35	1781815	1457937	18.18
Aroclor-1016 {2}	4.11	4.04	4.18	2371736	2434399	2.64
Aroclor-1016 {3}	4.66	4.58	4.72	3125036	2714727	13.13
Aroclor-1016 {4}	5.17	5.09	5.23	1513071	1277242	15.59
Aroclor-1016 {5}	5.56	5.48	5.62	2595618	2165985	16.55
Aroclor-1260	8.33	7.42	9.22	7136339	6107740	14.41
Aroclor-1260 {2}	9.00	8.10	9.90	3358711	2825295	15.88
Aroclor-1260 {3}	9.48	8.57	10.37	8338627	6823054	18.18
Aroclor-1260 {4}	9.96	9.05	10.85	4218754	3634960	13.84
Aroclor-1260 {5}	11.01	10.11	11.91	1651625	1394567	15.56
					Average %D	14.40

Data File: Y7270.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.80	3.75	3.89	559998	564695	0.84
Aroclor-1016 {2}	4.39	4.35	4.49	1150027	1091994	5.05
Aroclor-1016 {3}	5.15	5.10	5.24	2577359	2512337	2.52
Aroclor-1016 {4}	5.36	5.31	5.45	1059949	1053557	0.60
Aroclor-1016 {5}	5.53	5.49	5.63	886286	827641	6.62
Aroclor-1260	7.89	7.03	8.83	912187	910426	0.19
Aroclor-1260 {2}	8.14	7.28	9.08	1363790	1319689	3.23
Aroclor-1260 {3}	9.74	8.88	10.68	1129299	1110174	1.69
Aroclor-1260 {4}	10.24	9.38	11.18	2316162	2396065	3.45
Aroclor-1260 {5}	10.83	9.97	11.77	1679657	1829852	8.94
					Average %D	3.31

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/23/2012 **Instrument ID:** GC-Y

Data File: Y7234.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.29	3.21	3.35	1781815	1690866	5.10
Aroclor-1016 {2}	4.11	4.04	4.18	2371736	2268889	4.34
Aroclor-1016 {3}	4.66	4.58	4.72	3125036	3184139	1.89
Aroclor-1016 {4}	5.17	5.09	5.23	1513071	1508971	0.27
Aroclor-1016 {5}	5.56	5.48	5.62	2595618	2574383	0.82
Aroclor-1260	8.33	7.42	9.22	7136339	7783211	9.06
Aroclor-1260 {2}	9.00	8.10	9.90	3358711	3116235	7.22
Aroclor-1260 {3}	9.48	8.57	10.37	8338627	8955290	7.40
Aroclor-1260 {4}	9.96	9.05	10.85	4218754	4438091	5.20
Aroclor-1260 {5}	11.02	10.11	11.91	1651625	1699901	2.92
					Average %D	4.42

Data File: Y7234.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.80	3.75	3.89	559998	625591	11.71
Aroclor-1016 {2}	4.39	4.35	4.49	1150027	1243334	8.11
Aroclor-1016 {3}	5.15	5.10	5.24	2577359	2883387	11.87
Aroclor-1016 {4}	5.35	5.31	5.45	1059949	1002261	5.44
Aroclor-1016 {5}	5.53	5.49	5.63	886286	951928	7.41
Aroclor-1260	7.89	7.03	8.83	912187	970501	6.39
Aroclor-1260 {2}	8.14	7.28	9.08	1363790	1522025	11.60
Aroclor-1260 {3}	9.73	8.88	10.68	1129299	1202490	6.48
Aroclor-1260 {4}	10.24	9.38	11.18	2316162	2642733	14.10
Aroclor-1260 {5}	10.83	9.97	11.77	1679657	1931529	15.00
					Average %D	9.81

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/23/2012 **Instrument ID:** GC-Y

Data File: Y7237.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.28	3.21	3.35	1781815	1683828	5.50
Aroclor-1016 {2}	4.11	4.04	4.18	2371736	2264368	4.53
Aroclor-1016 {3}	4.66	4.58	4.72	3125036	3185443	1.93
Aroclor-1016 {4}	5.17	5.09	5.23	1513071	1502764	0.68
Aroclor-1016 {5}	5.56	5.48	5.62	2595618	2576264	0.75
Aroclor-1260	8.33	7.42	9.22	7136339	7865629	10.22
Aroclor-1260 {2}	9.00	8.10	9.90	3358711	3120908	7.08
Aroclor-1260 {3}	9.48	8.57	10.37	8338627	8860275	6.26
Aroclor-1260 {4}	9.96	9.05	10.85	4218754	4482565	6.25
Aroclor-1260 {5}	11.02	10.11	11.91	1651625	1672740	1.28
					Average %D	4.45

Data File: Y7237.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.75	3.89	559998	611906	9.27
Aroclor-1016 {2}	4.39	4.35	4.49	1150027	1215204	5.67
Aroclor-1016 {3}	5.15	5.10	5.24	2577359	2825222	9.62
Aroclor-1016 {4}	5.35	5.31	5.45	1059949	1186361	11.93
Aroclor-1016 {5}	5.53	5.49	5.63	886286	932738	5.24
Aroclor-1260	7.89	7.03	8.83	912187	1003804	10.04
Aroclor-1260 {2}	8.14	7.28	9.08	1363790	1500981	10.06
Aroclor-1260 {3}	9.73	8.88	10.68	1129299	1184319	4.87
Aroclor-1260 {4}	10.24	9.38	11.18	2316162	2724095	17.61
Aroclor-1260 {5}	10.83	9.97	11.77	1679657	1940398	15.52
					Average %D	9.98

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/23/2012 **Instrument ID:** GC-Y

Data File: Y7238.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.28	3.21	3.35	1781815	1702930	4.43
Aroclor-1016 {2}	4.11	4.04	4.18	2371736	2294377	3.26
Aroclor-1016 {3}	4.66	4.58	4.72	3125036	3219942	3.04
Aroclor-1016 {4}	5.17	5.09	5.23	1513071	1529920	1.11
Aroclor-1016 {5}	5.56	5.48	5.62	2595618	2597987	0.09
Aroclor-1260	8.33	7.42	9.22	7136339	7951537	11.42
Aroclor-1260 {2}	9.01	8.10	9.90	3358711	3189832	5.03
Aroclor-1260 {3}	9.48	8.57	10.37	8338627	9210774	10.46
Aroclor-1260 {4}	9.96	9.05	10.85	4218754	4557980	8.04
Aroclor-1260 {5}	11.02	10.11	11.91	1651625	1936648	17.26
					Average %D	6.41

Data File: Y7238.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.75	3.89	559998	618937	10.52
Aroclor-1016 {2}	4.39	4.35	4.49	1150027	1229313	6.89
Aroclor-1016 {3}	5.15	5.10	5.24	2577359	2850331	10.59
Aroclor-1016 {4}	5.35	5.31	5.45	1059949	1200653	13.27
Aroclor-1016 {5}	5.53	5.49	5.63	886286	941741	6.26
Aroclor-1260	7.89	7.03	8.83	912187	913482	0.14
Aroclor-1260 {2}	8.14	7.28	9.08	1363790	1453208	6.56
Aroclor-1260 {3}	9.73	8.88	10.68	1129299	1168909	3.51
Aroclor-1260 {4}	10.24	9.38	11.18	2316162	2686579	15.99
Aroclor-1260 {5}	10.83	9.97	11.77	1679657	1883787	12.15
					Average %D	8.59

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/24/2012 **Instrument ID:** GC-Y

Data File: Y7261.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.29	3.21	3.35	1781815	1501958	15.71
Aroclor-1016 {2}	4.11	4.04	4.18	2371736	2040479	13.97
Aroclor-1016 {3}	4.66	4.58	4.72	3125036	2830104	9.44
Aroclor-1016 {4}	5.17	5.09	5.23	1513071	1345546	11.07
Aroclor-1016 {5}	5.56	5.48	5.62	2595618	2271644	12.48
Aroclor-1260	8.33	7.42	9.22	7136339	6924325	2.97
Aroclor-1260 {2}	9.01	8.10	9.90	3358711	2915849	13.19
Aroclor-1260 {3}	9.48	8.57	10.37	8338627	7842182	5.95
Aroclor-1260 {4}	9.96	9.05	10.85	4218754	4003714	5.10
Aroclor-1260 {5}	11.02	10.11	11.91	1651625	1833751	11.03
					Average %D	10.09

Data File: Y7261.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.80	3.75	3.89	559998	577929	3.20
Aroclor-1016 {2}	4.40	4.35	4.49	1150027	1118379	2.75
Aroclor-1016 {3}	5.15	5.10	5.24	2577359	2590964	0.53
Aroclor-1016 {4}	5.36	5.31	5.45	1059949	1095600	3.36
Aroclor-1016 {5}	5.53	5.49	5.63	886286	854107	3.63
Aroclor-1260	7.89	7.03	8.83	912187	979101	7.34
Aroclor-1260 {2}	8.14	7.28	9.08	1363790	1432130	5.01
Aroclor-1260 {3}	9.73	8.88	10.68	1129299	1151762	1.99
Aroclor-1260 {4}	10.24	9.38	11.18	2316162	2591290	11.88
Aroclor-1260 {5}	10.83	9.97	11.77	1679657	1909996	13.71
					Average %D	5.34

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/25/2012 **Instrument ID:** GC-Y

Data File: Y7339.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.29	3.21	3.35	1781815	1610926	9.59
Aroclor-1016 {2}	4.12	4.04	4.18	2371736	2194586	7.47
Aroclor-1016 {3}	4.67	4.58	4.72	3125036	3013060	3.58
Aroclor-1016 {4}	5.17	5.09	5.23	1513071	1402462	7.31
Aroclor-1016 {5}	5.56	5.48	5.62	2595618	2405028	7.34
Aroclor-1260	8.33	7.42	9.22	7136339	7284721	2.08
Aroclor-1260 {2}	9.01	8.10	9.90	3358711	3172402	5.55
Aroclor-1260 {3}	9.48	8.57	10.37	8338627	8375014	0.44
Aroclor-1260 {4}	9.96	9.05	10.85	4218754	4144302	1.76
Aroclor-1260 {5}	11.02	10.11	11.91	1651625	1744849	5.64
					Average %D	5.08

Data File: Y7339.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.80	3.75	3.89	559998	596345	6.49
Aroclor-1016 {2}	4.39	4.35	4.49	1150027	1183080	2.87
Aroclor-1016 {3}	5.15	5.10	5.24	2577359	2733128	6.04
Aroclor-1016 {4}	5.36	5.31	5.45	1059949	1162662	9.69
Aroclor-1016 {5}	5.53	5.49	5.63	886286	902674	1.85
Aroclor-1260	7.89	7.03	8.83	912187	1030927	13.02
Aroclor-1260 {2}	8.14	7.28	9.08	1363790	1505755	10.41
Aroclor-1260 {3}	9.74	8.88	10.68	1129299	1168819	3.50
Aroclor-1260 {4}	10.24	9.38	11.18	2316162	2634592	13.75
Aroclor-1260 {5}	10.83	9.97	11.77	1679657	1900160	13.13
					Average %D	8.08

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/25/2012 **Instrument ID:** GC-Y

Data File: Y7345.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.29	3.21	3.35	1781815	1527578	14.27
Aroclor-1016 {2}	4.11	4.04	4.18	2371736	2029770	14.42
Aroclor-1016 {3}	4.67	4.58	4.72	3125036	2791037	10.69
Aroclor-1016 {4}	5.17	5.09	5.23	1513071	1274071	15.80
Aroclor-1016 {5}	5.56	5.48	5.62	2595618	2171181	16.35
Aroclor-1260	8.34	7.42	9.22	7136339	6194603	13.20
Aroclor-1260 {2}	9.01	8.10	9.90	3358711	2842218	15.38
Aroclor-1260 {3}	9.48	8.57	10.37	8338627	7200467	13.65
Aroclor-1260 {4}	9.96	9.05	10.85	4218754	3773762	10.55
Aroclor-1260 {5}	11.02	10.11	11.91	1651625	1455677	11.86
					Average %D	13.62

Data File: Y7345.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.80	3.75	3.89	559998	570789	1.93
Aroclor-1016 {2}	4.39	4.35	4.49	1150027	1133066	1.47
Aroclor-1016 {3}	5.15	5.10	5.24	2577359	2604730	1.06
Aroclor-1016 {4}	5.36	5.31	5.45	1059949	1088337	2.68
Aroclor-1016 {5}	5.53	5.49	5.63	886286	848080	4.31
Aroclor-1260	7.89	7.03	8.83	912187	915412	0.35
Aroclor-1260 {2}	8.14	7.28	9.08	1363790	1316464	3.47
Aroclor-1260 {3}	9.73	8.88	10.68	1129299	1142368	1.16
Aroclor-1260 {4}	10.24	9.38	11.18	2316162	2404906	3.83
Aroclor-1260 {5}	10.83	9.97	11.77	1679657	1723302	2.60
					Average %D	2.29

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/25/2012 **Instrument ID:** GC-R

Data File: R1928.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.97	3.90	4.04	3591475	3687965	2.69
Aroclor-1016 {2}	4.87	4.80	4.94	4693158	5070129	8.03
Aroclor-1016 {3}	5.45	5.38	5.52	6224939	6677209	7.27
Aroclor-1016 {4}	5.98	5.91	6.05	2934952	3070881	4.63
Aroclor-1016 {5}	6.40	6.33	6.47	5285406	5655168	7.00
Aroclor-1260	9.24	8.34	10.14	22263188	20157770	9.46
Aroclor-1260 {2}	9.93	9.03	10.83	9895838	9313287	5.89
Aroclor-1260 {3}	10.41	9.51	11.31	32703483	30365270	7.15
Aroclor-1260 {4}	10.90	10.00	11.80	14224682	13428005	5.60
Aroclor-1260 {5}	11.97	11.07	12.87	6614099	5512436	16.66
					Average %D	7.44

Data File: R1928.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.32	4.25	4.39	2361432	2485589	5.26
Aroclor-1016 {2}	4.94	4.87	5.01	4306617	4652293	8.03
Aroclor-1016 {3}	5.71	5.65	5.79	9717017	10231441	5.29
Aroclor-1016 {4}	5.93	5.86	6.00	4072886	4359442	7.04
Aroclor-1016 {5}	6.11	6.04	6.18	3077315	3389483	10.14
Aroclor-1260	8.77	7.88	9.68	4855078	4998030	2.94
Aroclor-1260 {2}	9.18	8.28	10.08	5618538	5813021	3.46
Aroclor-1260 {3}	10.39	9.49	11.29	4222057	4468128	5.83
Aroclor-1260 {4}	10.89	10.00	11.80	8846337	9463851	6.98
Aroclor-1260 {5}	11.49	10.60	12.40	6482137	6948038	7.19
					Average %D	6.22

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/26/2012 **Instrument ID:** GC-R

Data File: R1953.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.97	3.90	4.04	3591475	3283066	8.59
Aroclor-1016 {2}	4.87	4.80	4.94	4693158	4543403	3.19
Aroclor-1016 {3}	5.45	5.38	5.52	6224939	5995732	3.68
Aroclor-1016 {4}	5.98	5.91	6.05	2934952	2769932	5.62
Aroclor-1016 {5}	6.40	6.33	6.47	5285406	4999598	5.41
Aroclor-1260	9.24	8.34	10.14	22263188	18589042	16.50
Aroclor-1260 {2}	9.93	9.03	10.83	9895838	8320589	15.92
Aroclor-1260 {3}	10.41	9.51	11.31	32703483	26474661	19.05
Aroclor-1260 {4}	10.90	10.00	11.80	14224682	13230310	6.99
Aroclor-1260 {5}	11.97	11.07	12.87	6614099	5974190	9.67
					Average %D	9.46

Data File: R1953.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.32	4.25	4.39	2361432	2567915	8.74
Aroclor-1016 {2}	4.94	4.87	5.01	4306617	4812726	11.75
Aroclor-1016 {3}	5.71	5.65	5.79	9717017	10512111	8.18
Aroclor-1016 {4}	5.93	5.86	6.00	4072886	4656693	14.33
Aroclor-1016 {5}	6.11	6.04	6.18	3077315	3524009	14.52
Aroclor-1260	8.77	7.88	9.68	4855078	5235590	7.84
Aroclor-1260 {2}	9.18	8.28	10.08	5618538	5947447	5.85
Aroclor-1260 {3}	10.38	9.49	11.29	4222057	4575742	8.38
Aroclor-1260 {4}	10.89	10.00	11.80	8846337	9740943	10.11
Aroclor-1260 {5}	11.49	10.60	12.40	6482137	7360545	13.55
					Average %D	10.33

PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-R **Column:** DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1 3.44 **DCB 1** 12.99 **TCMX 2** 3.54 **DCB 2** 13.42

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKA120712-10	07/16/2012	14:41	3.44		12.99		3.54		13.42	
FB	06748-006	07/16/2012	14:58	3.44		12.98		3.55		13.42	
AUD-V12-18	06837-001	07/16/2012	15:50	3.44		12.99		3.55		13.42	
BURLNG-V12	06835-003	07/16/2012	16:07	3.46		13.01		3.56		13.45	
PCB	06837-001MS	07/16/2012	16:42	3.45		12.99		3.55		13.43	
PCB	06837-001MSD	07/16/2012	16:59	3.45		12.99		3.55		13.43	
PCB	LCSA120712-10	07/16/2012	17:17	3.45		12.99		3.55		13.43	
FB-7	06741-048	07/17/2012	19:57	3.45		12.99		3.55		13.43	

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene (± 0.10 Minutes)

DCB = Decachlorobiphenyl (± 0.10 Minutes)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-Y **Column:** DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1 2.82 **DCB 1** 12.10 **TCMX 2** 2.91 **DCB 2** 12.52

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKA120716-11	07/18/2012	11:46	2.82		12.10		2.91		12.52	
FB_SOIL	06878-017	07/18/2012	12:03	2.82		12.10		2.91		12.52	
FB-8	06784-050	07/18/2012	13:37	2.81		12.10		2.92		12.53	
FB-9	06841-059	07/18/2012	13:54	2.82		12.10		2.91		12.52	
FB-10	06899-049	07/18/2012	14:12	2.82		12.11		2.91		12.52	
GPECFB0711	06980-014	07/18/2012	14:29	2.82		12.10		2.91		12.52	
PCB	LCSA120716-11	07/18/2012	14:46	2.82		12.10		2.91		12.52	

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene (± 0.10 Minutes)

DCB = Decachlorobiphenyl (± 0.10 Minutes)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-Y **Column:** DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1	2.82	DCB 1	12.10	TCMX 2	2.91	DCB 2	12.51

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKS120719-10	07/21/2012	23:56	2.82		12.10		2.91		12.51	
K-36(2.0-4	06899-032	07/22/2012	00:31	2.82		12.10		2.91		12.51	
K-36(4.0-6	06899-033	07/22/2012	00:48	2.82		12.10		2.91		12.51	
J-36(4.0-6	06899-036	07/22/2012	01:39	2.82		12.10		2.91		12.51	
I-36(0-2.0	06899-037	07/22/2012	01:57	D		D		D		D	
I-36(4.0-6	06899-039	07/22/2012	02:31	2.82		12.10		2.91		12.51	
I-34(2.0-4	06899-041	07/22/2012	03:05	2.82		12.10		2.91		12.51	
I-34(4.0-6	06899-042	07/22/2012	03:22	2.82		12.11		2.91		12.51	
K-36(0-2.0	06899-031	07/23/2012	00:50	2.82		12.10		2.91		12.51	
J-36(0-2.0	06899-034	07/23/2012	01:08	D		D		D		D	
J-36(2.0-4	06899-035	07/23/2012	01:25	D		D		D		D	
I-36(2.0-4	06899-038	07/23/2012	01:42	D		D		D		D	
I-34(0-2.0	06899-040	07/23/2012	01:59	D		D		D		D	
H-35(0-2.0	06899-043	07/23/2012	02:16	2.82		12.10		2.92		12.51	
H-35(2.0-4	06899-044	07/23/2012	02:34	D		D		D		D	
H-35(4.0-6	06899-045	07/23/2012	02:51	2.82		12.10		2.91		12.51	
H-34(0-2.0	06899-046	07/23/2012	03:08	2.82		12.11		2.92		12.51	
H-34(2.0-4	06899-047	07/23/2012	03:25	2.82		12.10		2.91		12.51	
H-34(4.0-6	06899-048	07/23/2012	03:42	2.82		12.11		2.91		12.51	
PCB	06899-047MS	07/23/2012	04:34	2.82		12.10		2.91		12.51	
PCB	06899-047MSD	07/23/2012	04:51	2.82		12.10		2.91		12.51	
PCB	LCSS120719-10	07/23/2012	05:08	2.82		12.10		2.91		12.51	
U-30(0-2.0	07117-001	07/24/2012	01:56	2.83		12.10		2.92		12.51	
U-30(2.0-3	07117-002	07/24/2012	02:13	2.82		12.11		2.94		12.51	

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene (± 0.10 Minutes)

DCB = Decachlorobiphenyl (± 0.10 Minutes)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-Y **Column:** DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1 2.81 **DCB 1** 12.10 **TCMX 2** 2.92 **DCB 2** 12.52

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKS120719-06	07/23/2012	15:09	2.81		12.10		2.92		12.52	
GP-15_(5)/	06982-001	07/23/2012	15:27	2.82		12.10		2.91		12.51	
SP-COMP-1	07084-003	07/23/2012	18:46	2.82		12.11		2.92		12.52	
N-38(0-2.0	06899-001	07/23/2012	19:54	2.82		12.11		2.91		12.51	
N-38(2.0-4	06899-002	07/23/2012	20:12	2.82		12.11		2.91		12.51	
N-38(4.0-6	06899-003	07/23/2012	20:29	2.82		12.11		2.91		12.51	
M-38(0-2.0	06899-004	07/23/2012	20:46	2.82		12.10		2.91		12.51	
M-38(2.0-4	06899-005	07/23/2012	21:03	2.82		12.11		2.91		12.51	
M-38(4.0-6	06899-006	07/23/2012	21:20	2.82		12.10		2.91		12.51	
L-38(0-2.0	06899-007	07/23/2012	21:38	2.82		12.10		2.91		12.51	
L-38(2.0-4	06899-008	07/23/2012	21:55	2.82		12.10		2.91		12.51	
L-38(4.0-6	06899-009	07/23/2012	22:12	2.82		12.10		2.91		12.51	
K-38(2.0-4	06899-011	07/23/2012	22:46	2.82		12.10		2.91		12.51	
K-38(4.0-6	06899-012	07/23/2012	23:04	2.82		12.10		2.91		12.51	
I-39(0-2.0	06899-013	07/23/2012	23:21	D		D		D		D	
I-39(2.0-4	06899-014	07/23/2012	23:38	D		D		D		D	
PCB	07084-003MS	07/24/2012	00:12	2.82		12.11		2.92		12.51	
PCB	07084-003MSD	07/24/2012	00:29	2.82		12.10		2.92		12.51	
PCB	LCSS120719-06	07/24/2012	00:47	2.82		12.10		2.91		12.51	
FTP1/0-0.5	06908-001	07/25/2012	01:17	2.82		12.11		2.91		12.51	
FTP2/0-0.5	06908-002	07/25/2012	01:34	2.82		12.11		2.91		12.51	
FTP3/0-0.5	06908-003	07/25/2012	01:51	2.82		12.11		2.91		12.51	
K-38(0-2.0	06899-010	07/25/2012	02:08	2.83		12.11		2.92		12.51	
FTP4/0-0.5	06908-004	07/25/2012	02:25	2.82		12.11		2.91		12.51	

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene (± 0.10 Minutes)

DCB = Decachlorobiphenyl (± 0.10 Minutes)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-R **Column:** DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1 3.47 **DCB 1** 13.10 **TCMX 2** 3.41 **DCB 2** 13.22

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKS120719-09	07/25/2012	18:52	3.47		13.10		3.41		13.22	
CS-2	06890-002	07/25/2012	19:27	3.47		13.09		3.40		13.21	
CS-2	06890-003	07/25/2012	19:44	3.47		13.09		3.40		13.21	
CS-4	06890-004	07/25/2012	20:02	3.47		13.09		3.40		13.21	
I-39(4.0-6	06899-015	07/25/2012	20:19	3.47		13.09		3.39		13.21	
K-37(0-2.0	06899-016	07/25/2012	20:37	D		D		D		D	
K-37(2.0-4	06899-017	07/25/2012	20:54	3.47		13.09		3.39		13.21	
K-37(4.0-6	06899-018	07/25/2012	21:11	3.47		13.09		3.39		13.21	
L-37(0-2.0	06899-019	07/25/2012	21:29	3.47		13.09		3.39		13.21	
L-37(2.0-4	06899-020	07/25/2012	21:46	3.47		13.09		3.39		13.21	
L-37(4.0-6	06899-021	07/25/2012	22:04	3.47		13.09		3.39		13.21	
M-37(0-2.0	06899-022	07/25/2012	22:21	3.47		13.09		3.39		13.21	
M-37(2.0-4	06899-023	07/25/2012	22:39	3.47		13.09		3.39		13.21	
M-37(4.0-6	06899-024	07/25/2012	22:56	3.47		13.09		3.39		13.21	
N-37(0-2.0	06899-025	07/25/2012	23:13	3.47		13.09		3.39		13.20	
N-37(2.0-4	06899-026	07/25/2012	23:31	3.47		13.09		3.39		13.21	
N-37(4.0-6	06899-027	07/25/2012	23:48	3.47		13.09		3.39		13.21	
L-36(0-2.0	06899-028	07/26/2012	00:06	3.47		13.09		3.39		13.21	
L-36(2.0-4	06899-029	07/26/2012	00:23	3.47		13.09		3.39		13.21	
L-36(4.0-6	06899-030	07/26/2012	00:40	3.47		13.09		3.39		13.21	
PCB	06899-028MS	07/26/2012	00:58	3.47		13.09		3.39		13.21	
PCB	06899-028MSD	07/26/2012	01:15	3.47		13.09		3.39		13.21	
PCB	LCSS120719-09	07/26/2012	01:33	3.47		13.09		3.39		13.21	

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene (± 0.10 Minutes)

DCB = Decachlorobiphenyl (± 0.10 Minutes)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB SAMPLE DATA

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7243.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 19:54
Operator : YG
Sample : N-38(0-2.0,06899-001,S,5.64g,11.1,07/19/12,4
Misc : 120719-06,07/11/12,07/11/12,1
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 14:51:52 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	20227.3E6	7007.3E6	213.767	222.944
Spiked Amount 200.000			Recovery	=	106.88%	111.47%
2) S DCB	12.11	12.51	4473.1E6	1833.5E6	229.841m	240.546m
Spiked Amount 200.000			Recovery	=	114.92%	120.27%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.52	5.14	4375.4E6	931.9E6	1032.417	707.351 #
24) L6 Aroclor-1248 {2}	5.05	5.73	3920.5E6	3768.7E6	1622.188	1933.798
25) L6 Aroclor-1248 {3}	5.37	6.13	5851.1E6	2865.2E6	1808.082	2027.121
26) L6 Aroclor-1248 {4}	6.06	6.28	11187.5E6	2469.7E6	2167.831	2048.900
27) L6 Aroclor-1248 {5}	6.34	6.63	7538.8E6	1253.4E6	1818.811	1898.089
Sum Aroclor-1248			32873.3E6	11289.0E6	8449.329	8615.258
Average Aroclor-1248					1689.866	1723.052
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

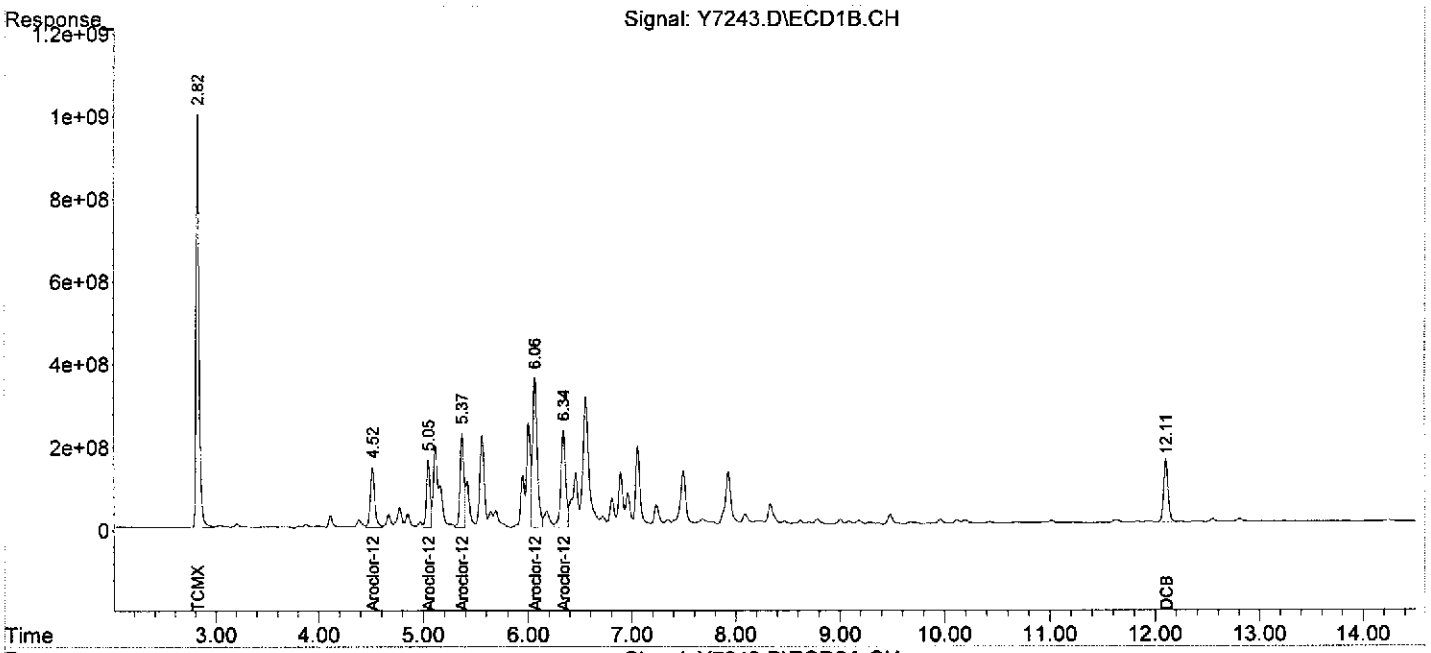
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

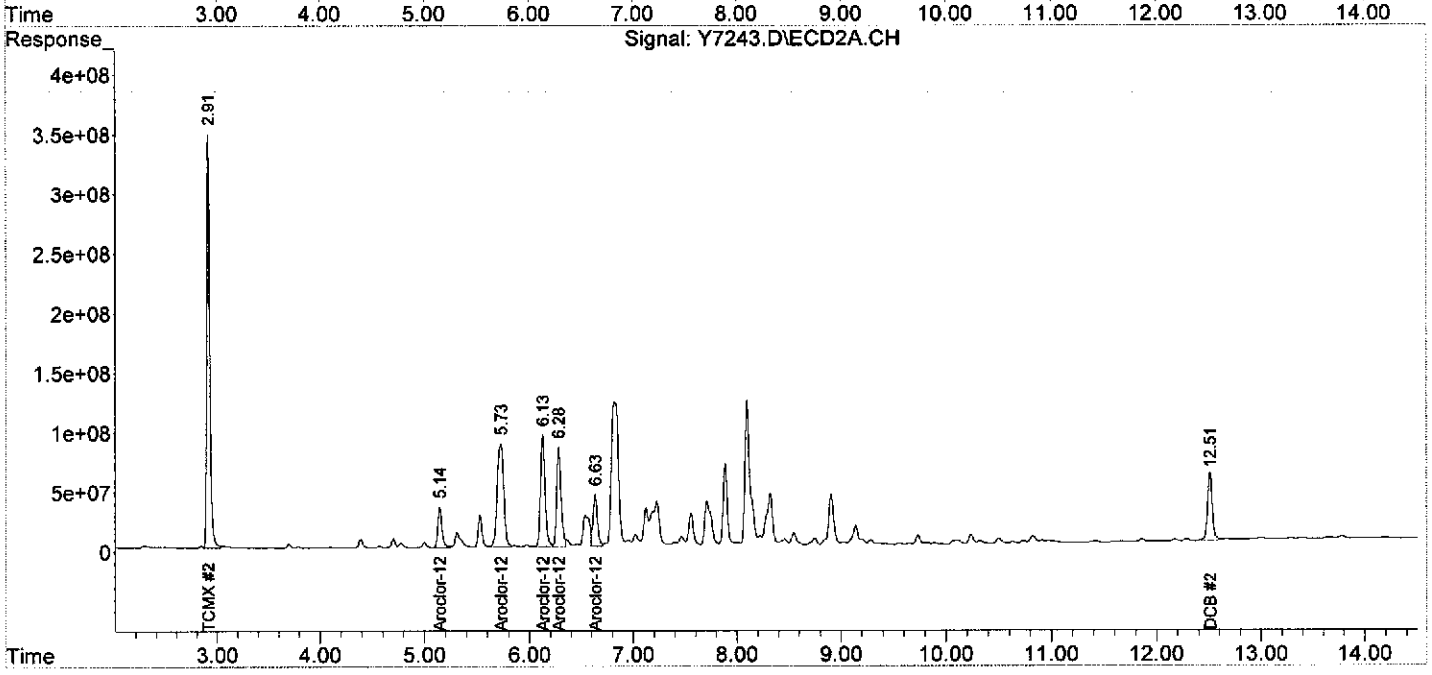
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7243.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 19:54
Operator : YG
Sample : N-38(0-2.0,06899-001,S,5.64g,11.1,07/19/12,4
Misc : 120719-06,07/11/12,07/11/12,1
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 14:51:52 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7244.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 20:12
Operator : YG
Sample : N-38(2.0-4,06899-002,S,5.58g,9.20,07/19/12,4
Misc : 120719-06,07/11/12,07/11/12,1
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 14:52:25 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	20065.5E6	7032.6E6	212.057	223.746
Spiked Amount 200.000			Recovery	=	106.03%	111.87%
2) S DCB	12.11	12.51	4444.8E6	1694.5E6	228.388m	222.304m
Spiked Amount 200.000			Recovery	=	114.19%	111.15%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

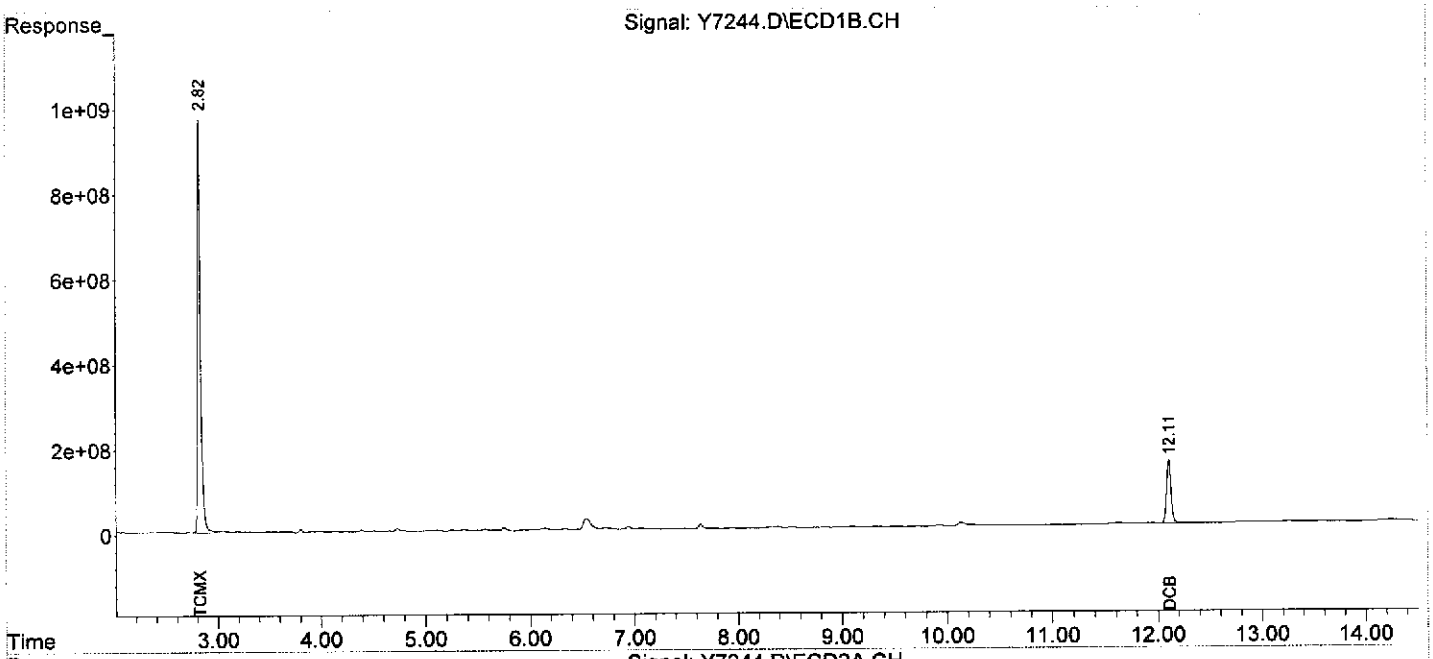
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

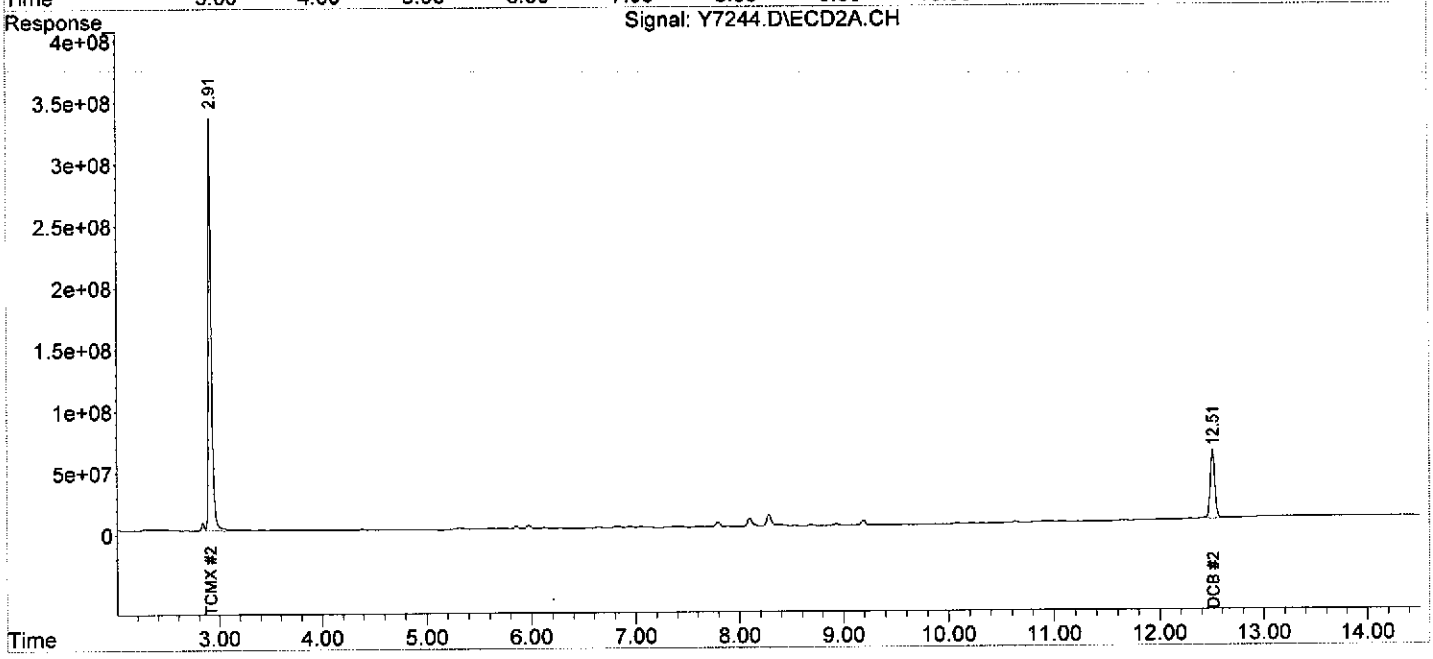
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7244.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 20:12
Operator : YG
Sample : N-38(2.0-4,06899-002,S,5.58g,9.20,07/19/12,4
Misc : 120719-06,07/11/12,07/11/12,1
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 14:52:25 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7245.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 20:29
Operator : YG
Sample : N-38(4.0-6,06899-003,S,5.09g,75.1,07/19/12,4
Misc : 120719-06,07/11/12,07/11/12,1
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 14:52:50 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	23919.2E6	8839.6E6	252.784	281.237
Spiked Amount 200.000			Recovery	=	126.39%	140.62%
2) S DCB	12.11	12.51	5354.3E6	2074.0E6	275.123m	272.092m
Spiked Amount 200.000			Recovery	=	137.56%	136.05%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

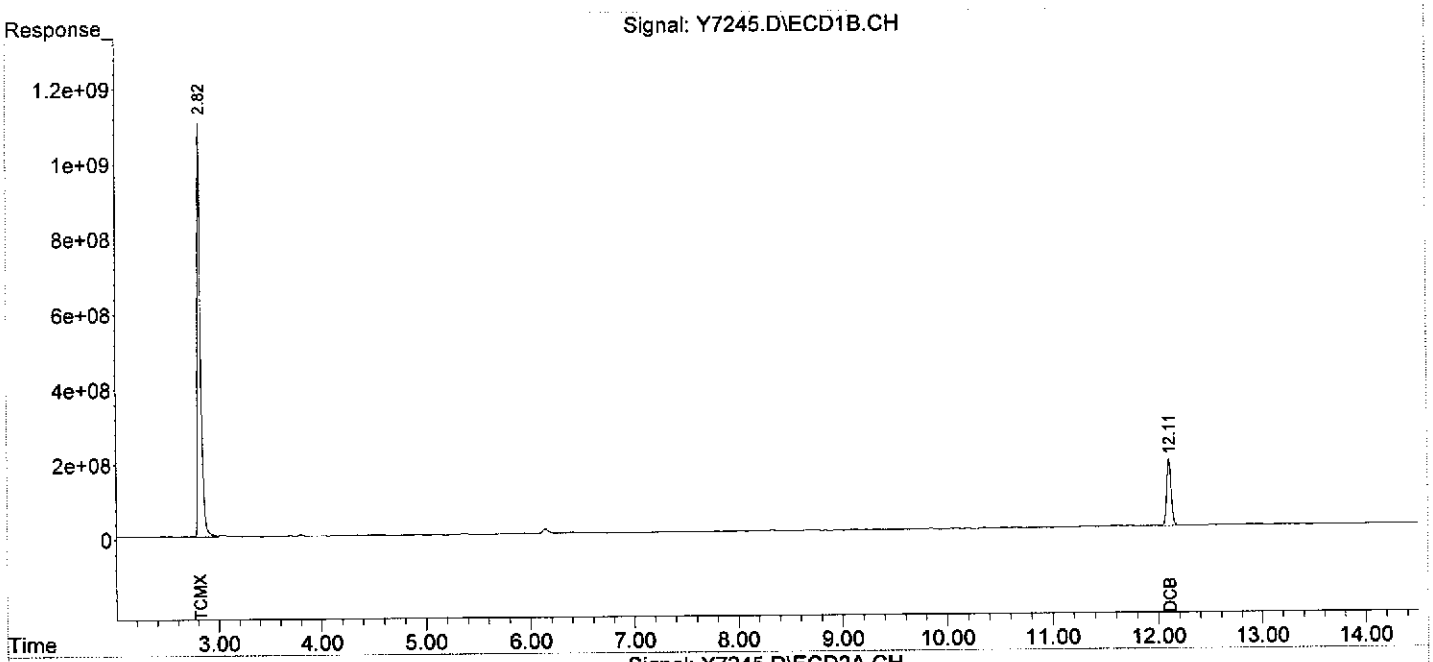
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

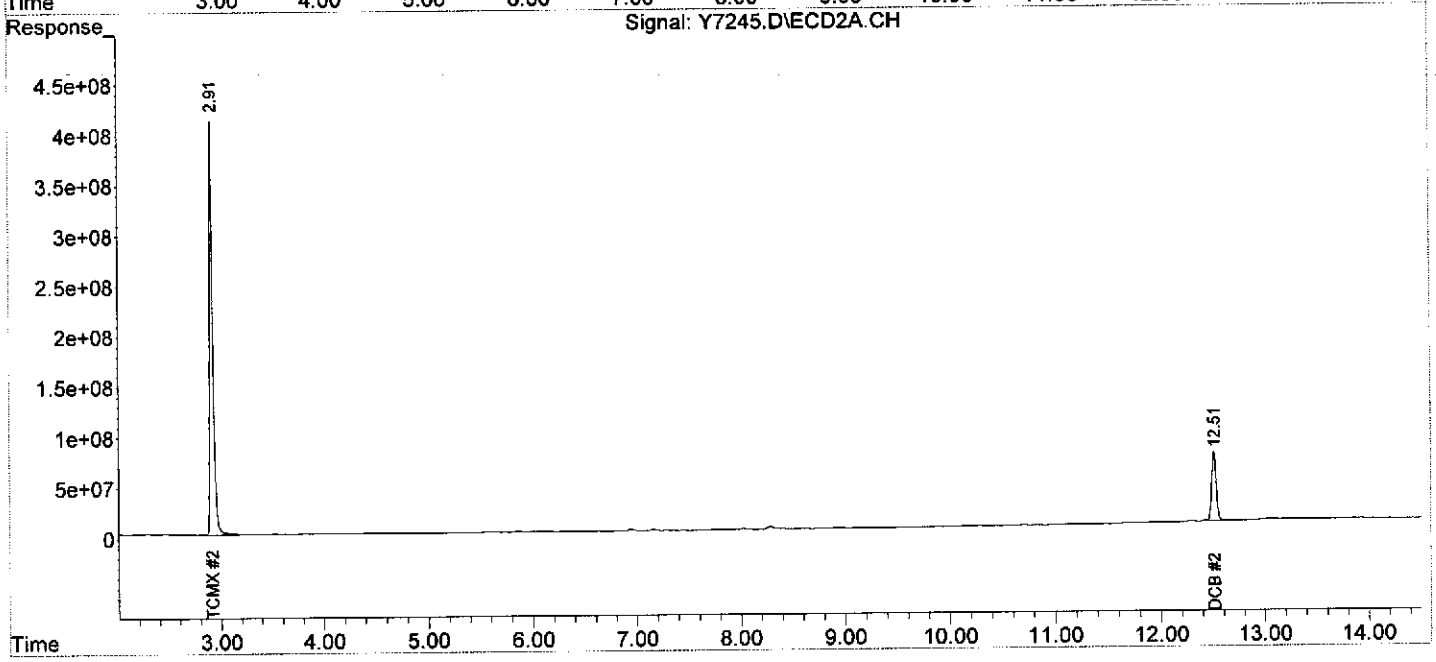
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7245.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 20:29
Operator : YG
Sample : N-38(4.0-6,06899-003,S,5.09g,75.1,07/19/12,4
Misc : 120719-06,07/11/12,07/11/12,1
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 14:52:50 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7246.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 20:46
Operator : YG
Sample : M-38(0-2.0,06899-004,S,5.66g,9.20,07/19/12,4
Misc : 120719-06,07/11/12,07/11/12,1
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 14:53:19 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	19649.5E6	6918.6E6	207.661	220.120
Spiked Amount 200.000			Recovery	=	103.83%	110.06%
2) S DCB	12.10	12.51	4028.8E6	1661.4E6	207.010m	217.968m
Spiked Amount 200.000			Recovery	=	103.51%	108.98%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.52	5.14	383.3E6	150.0E6	90.440	113.823 #
24) L6 Aroclor-1248 {2}	5.05	5.73	313.9E6	333.2E6	129.884	170.959 #
25) L6 Aroclor-1248 {3}	5.37	6.13	381.4E6	208.1E6	117.845	147.253
26) L6 Aroclor-1248 {4}	6.07	6.28	1422.1E6	200.1E6	275.567	166.024 #
27) L6 Aroclor-1248 {5}	6.34	6.63	994.2E6	196.4E6	239.866	297.467
Sum Aroclor-1248			3494.9E6	1087.8E6	853.602	895.527
Average Aroclor-1248					170.720	179.105
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

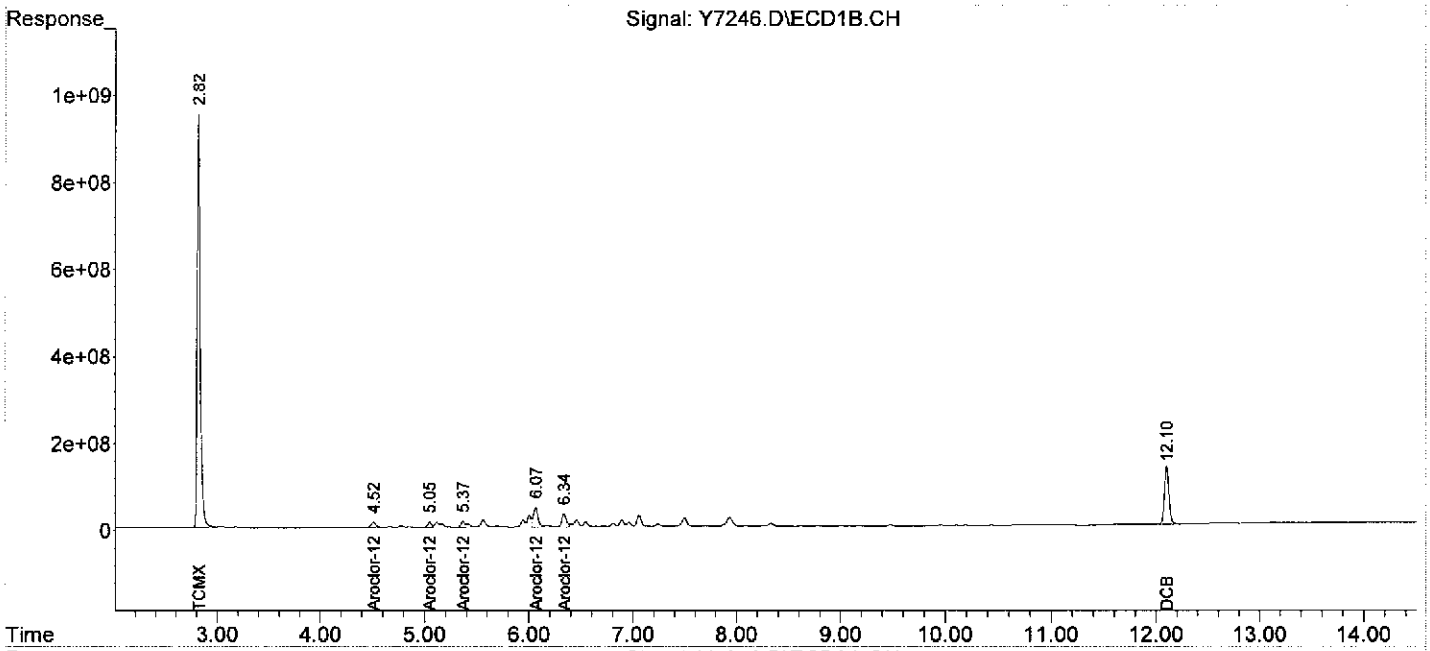
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

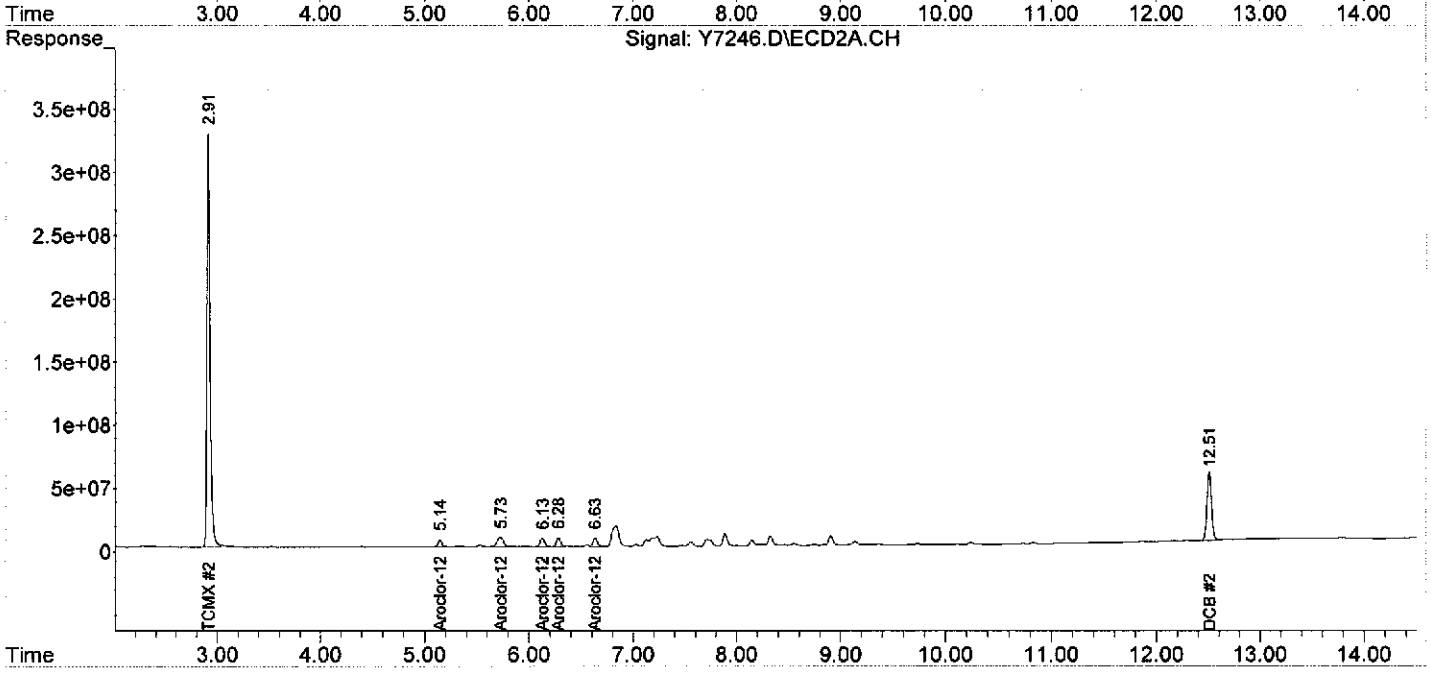
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7246.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 20:46
Operator : YG
Sample : M-38(0-2.0,06899-004,S,5.66g,9.20,07/19/12,4
Misc : 120719-06,07/11/12,07/11/12,1
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 14:53:19 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7247.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 21:03
Operator : YG
Sample : M-38(2.0-4,06899-005,S,5.17g,7.90,07/19/12,4
Misc : 120719-06,07/11/12,07/11/12,1
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 14:54:19 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	20087.8E6	6991.3E6	212.293	222.435
Spiked Amount 200.000			Recovery	=	106.15%	111.22%
2) S DCB	12.11	12.51	4338.7E6	1680.3E6	222.939	220.441
Spiked Amount 200.000			Recovery	=	111.47%	110.22%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.51	5.14	25823947	6591715	6.093m	5.003
24) L6 Aroclor-1248 {2}	5.05	5.72	21648708	19694857	8.958m	10.106m
25) L6 Aroclor-1248 {3}	5.37	6.13	25685151	12923419	7.937m	9.143
26) L6 Aroclor-1248 {4}	6.07	6.28	38649434	10419268	7.489m	8.644
27) L6 Aroclor-1248 {5}	6.33	6.63	20890059	5956298	5.040m	9.020 #
Sum Aroclor-1248			132.7E6	55585557	35.517	41.916
Average Aroclor-1248					7.103	8.383
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

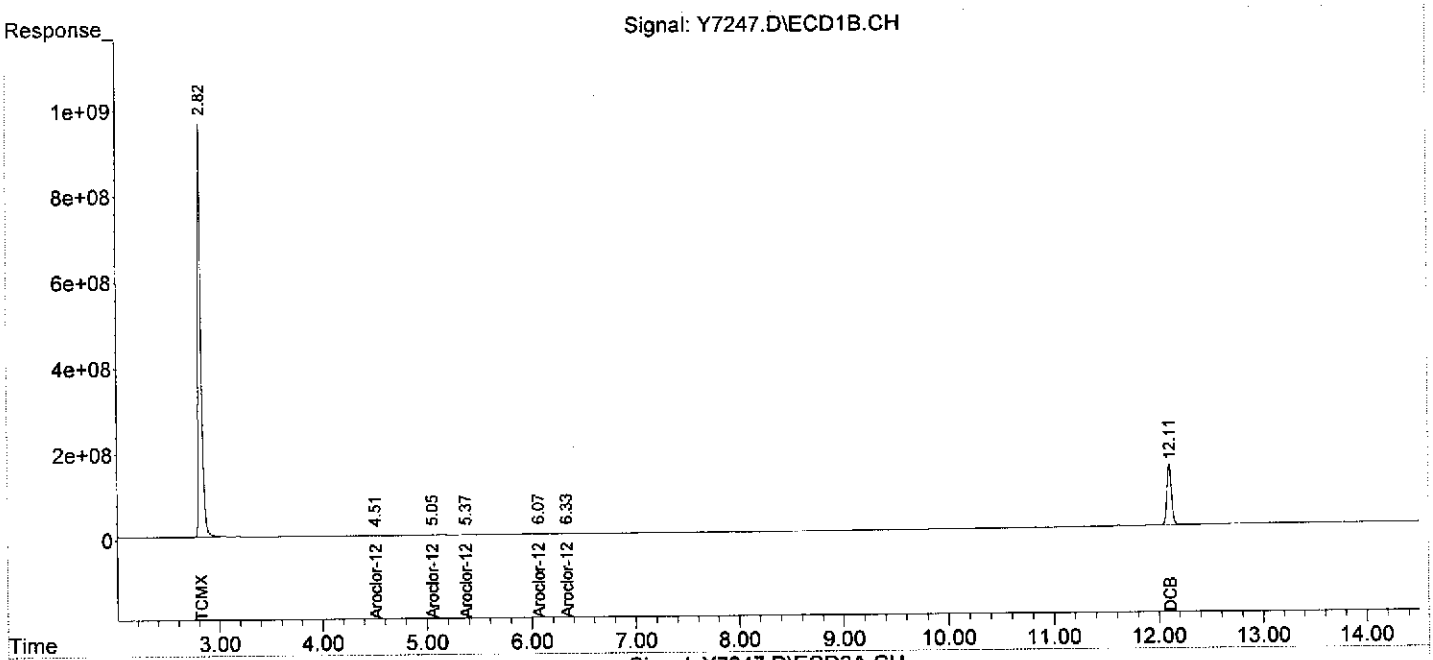
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

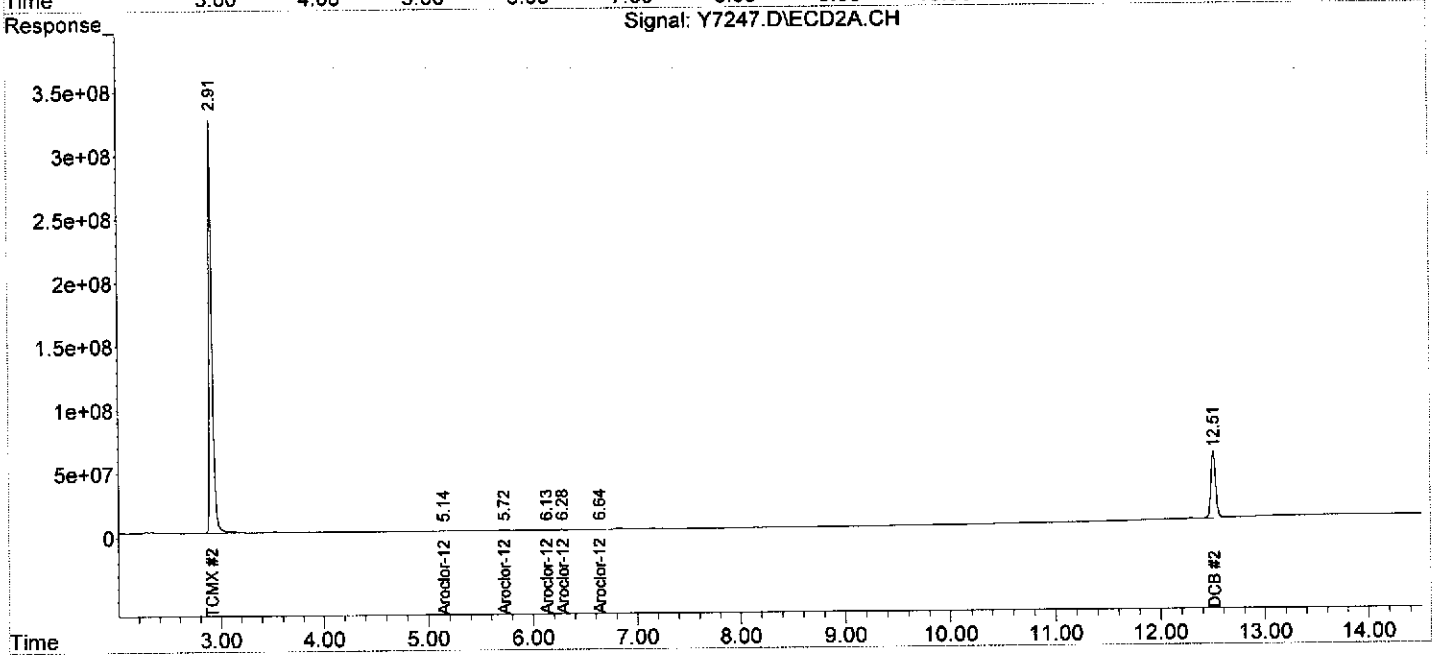
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7247.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 21:03
Operator : YG
Sample : M-38(2.0-4,06899-005,S,5.17g,7.90,07/19/12,4
Misc : 120719-06,07/11/12,07/11/12,1
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 14:54:19 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7248.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 21:20
Operator : YG
Sample : M-38(4.0-6,06899-006,S,5.64g,8.90,07/19/12,4
Misc : 120719-06,07/11/12,07/11/12,1
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 14:55:35 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	20618.3E6	7154.6E6	217.900	227.629
Spiked Amount 200.000			Recovery	=	108.95%	113.81%
2) S DCB	12.10	12.51	4367.4E6	1670.2E6	224.413m	219.123m
Spiked Amount 200.000			Recovery	=	112.21%	109.56%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

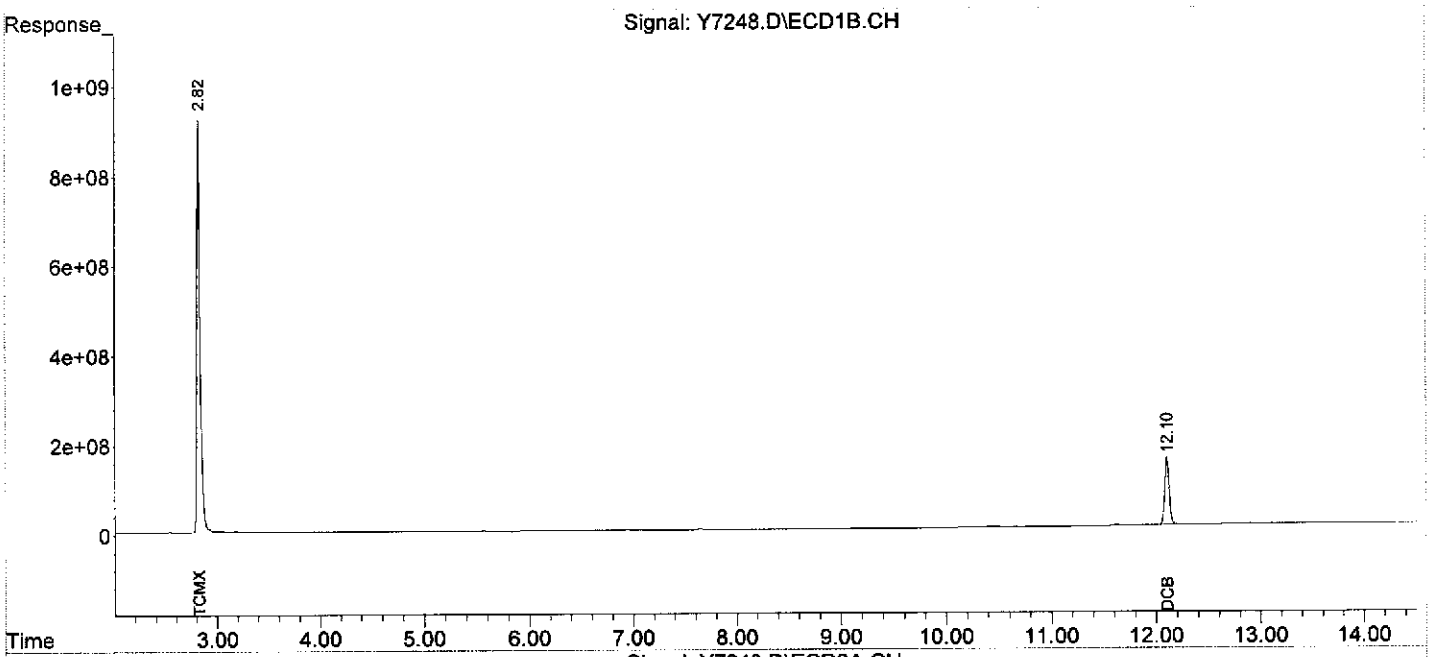
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

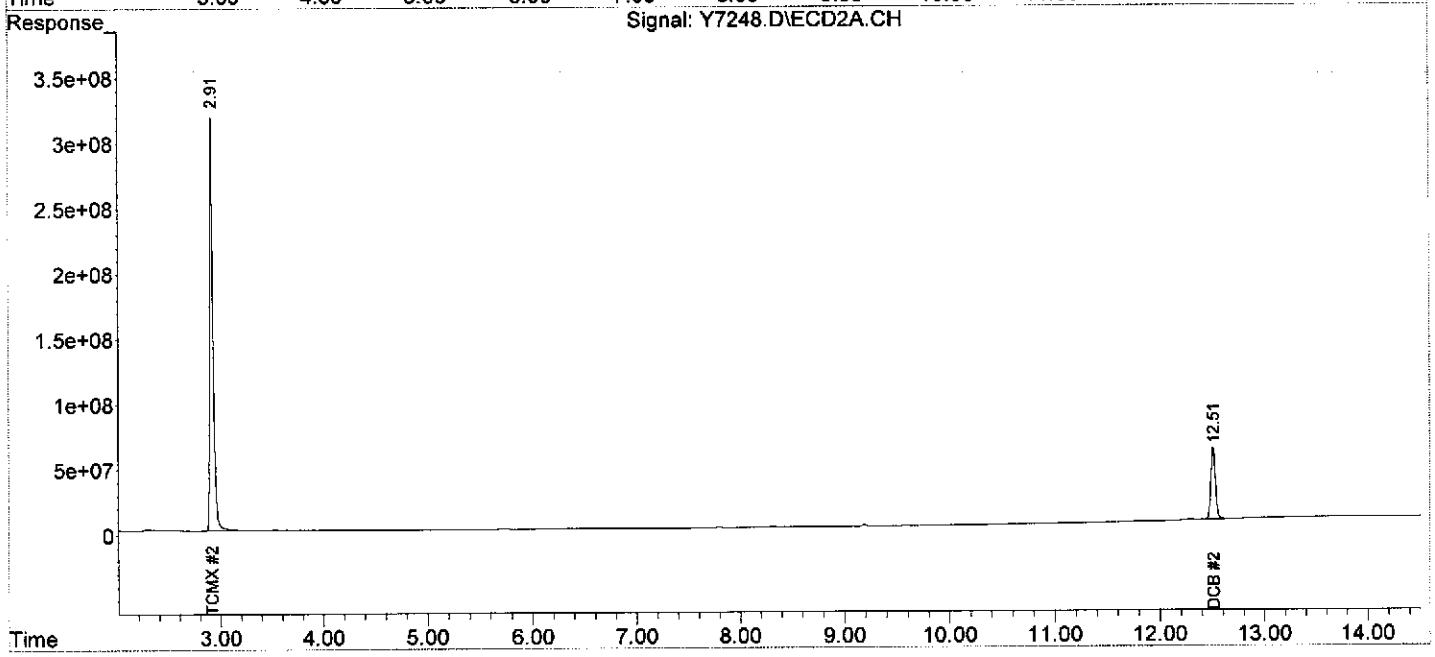
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7248.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 21:20
Operator : YG
Sample : M-38(4.0-6,06899-006,S,5.64g,8.90,07/19/12,4
Misc : 120719-06,07/11/12,07/11/12,1
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 14:55:35 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7249.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 21:38
Operator : YG
Sample : L-38(0-2.0,06899-007,S,5.95g,46.0,07/19/12,4
Misc : 120719-06,07/11/12,07/11/12,1
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 14:57:39 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	22571.7E6	8193.4E6	238.544	260.678
Spiked Amount 200.000			Recovery	=	119.27%	130.34%
2) S DCB	12.10	12.51	4948.8E6	2074.0E6	254.285	272.099
Spiked Amount 200.000			Recovery	=	127.14%	136.05%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.51	5.15	55930452	26751777	13.197	20.306 #
24) L6 Aroclor-1248 {2}	5.05	5.72	63429357	76264892	26.245	39.133 #
25) L6 Aroclor-1248 {3}	5.37	6.13	120.9E6	51468747	37.366	36.413
26) L6 Aroclor-1248 {4}	6.06	6.28	129.1E6	44715190	25.024m	37.096 #
27) L6 Aroclor-1248 {5}	6.33	6.63	95595951	45030514	23.064m	68.192 #
Sum Aroclor-1248			465.0E6	244.2E6	124.895	201.140
Average Aroclor-1248					24.979	40.228
28) L7 Aroclor-1254	6.46	7.13	73067759	27132460	15.631m	15.263
29) L7 Aroclor-1254 {2}	6.89	7.79	55512155	62509221	14.833	47.462m#
30) L7 Aroclor-1254 {3}	7.06	8.32	172.9E6	67792929	24.529	50.561 #
31) L7 Aroclor-1254 {4}	7.48	8.55	118.5E6	40188768	16.748m	54.509 #
32) L7 Aroclor-1254 {5}	8.33	9.19	169.3E6	90330805	25.632m	49.860 #
Sum Aroclor-1254			589.3E6	288.0E6	97.373	217.655
Average Aroclor-1254					19.475	43.531
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7249.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 21:38
Operator : YG
Sample : L-38(0-2.0,06899-007,S,5.95g,46.0,07/19/12,4
Misc : 120719-06,07/11/12,07/11/12,1
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 14:57:39 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2

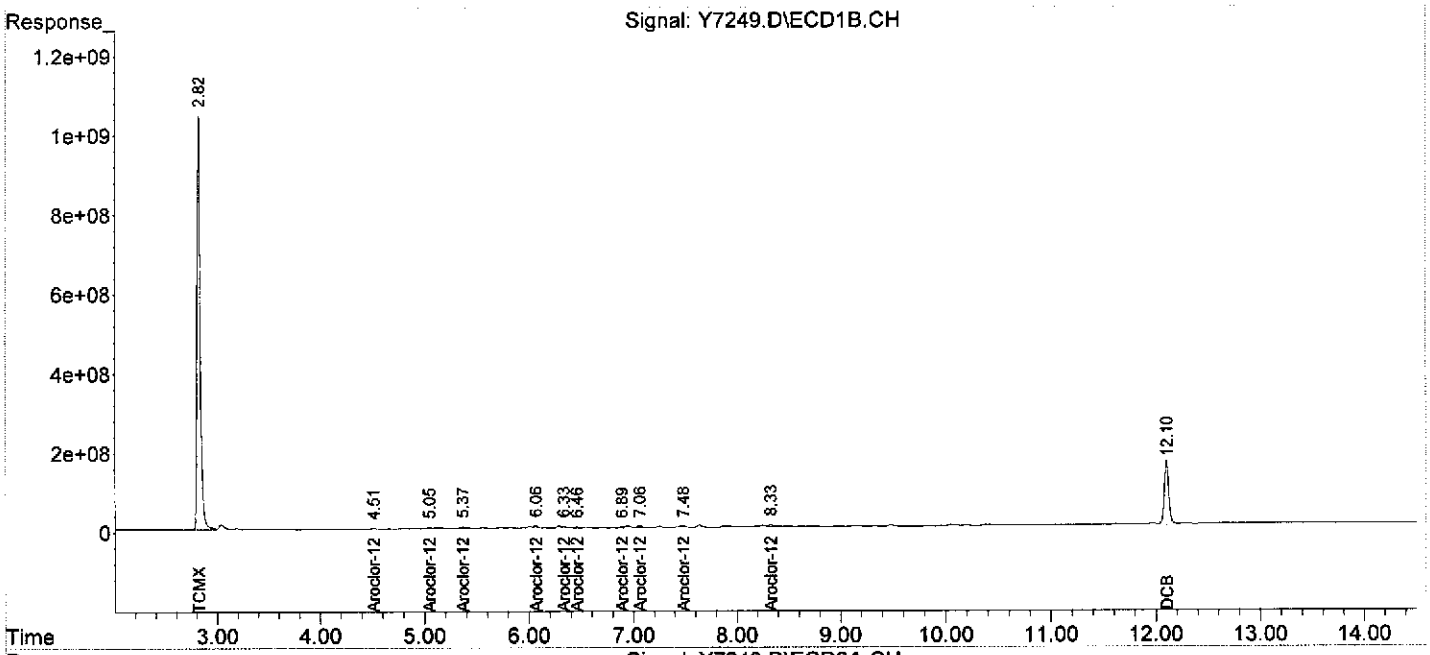
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

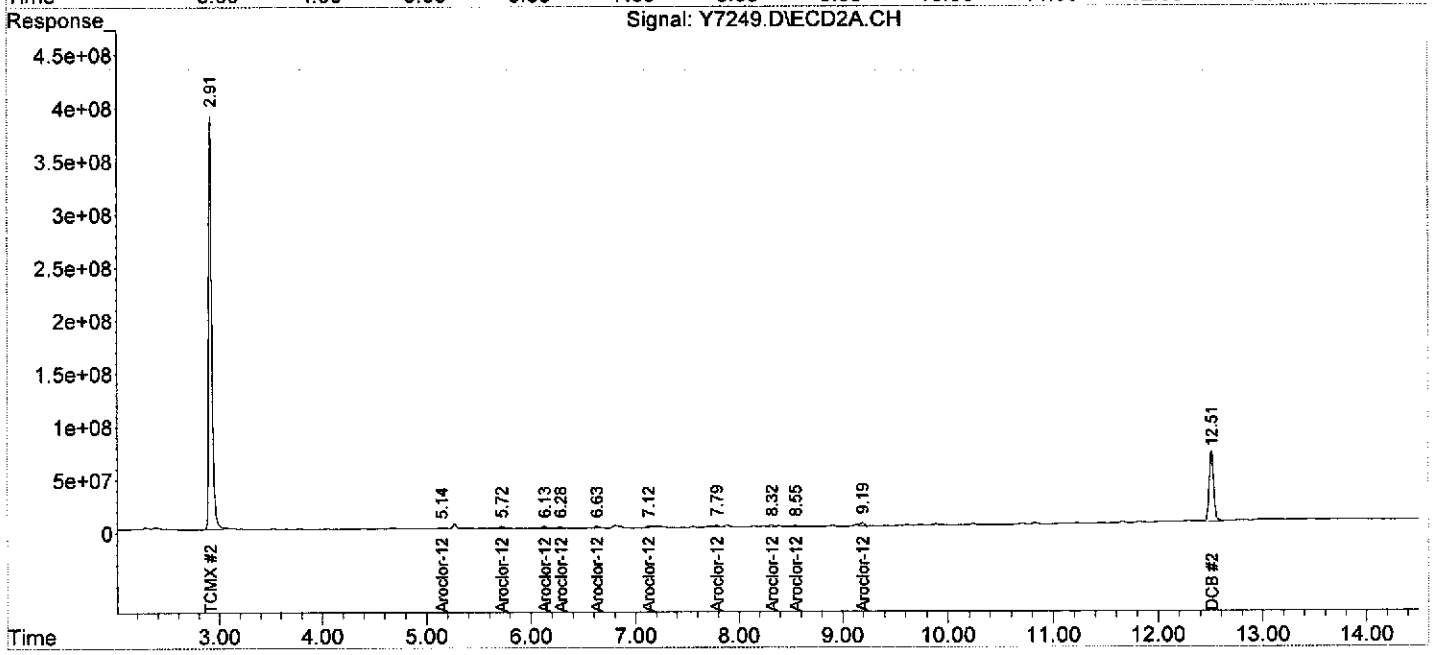
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7249.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 21:38
Operator : YG
Sample : L-38(0-2.0,06899-007,S,5.95g,46.0,07/19/12,4
Misc : 120719-06,07/11/12,07/11/12,1
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 14:57:39 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7250.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 21:55
Operator : YG
Sample : L-38(2.0-4,06899-008,S,5.27g,46.1,07/19/12,4
Misc : 120719-06,07/11/12,07/11/12,1
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 14:58:32 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	21826.2E6	8063.9E6	230.665	256.560
Spiked Amount 200.000			Recovery	=	115.33%	128.28%
2) S DCB	12.10	12.51	4484.1E6	1899.3E6	230.409	249.169m
Spiked Amount 200.000			Recovery	=	115.20%	124.58%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.52	5.15	63878894	35178775	15.073	26.702 #
24) L6 Aroclor-1248 {2}	5.05	5.72	37678533	45161296	15.590	23.173 #
25) L6 Aroclor-1248 {3}	5.37	6.13	63041111	33449812	19.481	23.665
26) L6 Aroclor-1248 {4}	6.07	6.28	122.4E6	30681684	23.725	25.454
27) L6 Aroclor-1248 {5}	6.33	6.63	122.4E6	28002724	29.542	42.406m#
Sum Aroclor-1248			409.5E6	172.5E6	103.411	141.400
Average Aroclor-1248					20.682	28.280
28) L7 Aroclor-1254	6.46	7.12	77485310	33929299	16.577	19.087
29) L7 Aroclor-1254 {2}	6.89	7.79	42198045	50502166	11.276	38.345m#
30) L7 Aroclor-1254 {3}	7.07	8.32	96640896	43445511	13.709	32.402m#
31) L7 Aroclor-1254 {4}	7.46	8.55	109.0E6	40306722	15.396m	54.669m#
32) L7 Aroclor-1254 {5}	8.33	9.19	146.5E6	73982421	22.176m	40.836m#
Sum Aroclor-1254			471.7E6	242.2E6	79.133	185.339
Average Aroclor-1254					15.827	37.068
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7250.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 21:55
Operator : YG
Sample : L-38(2.0-4,06899-008,S,5.27g,46.1,07/19/12,4
Misc : 120719-06,07/11/12,07/11/12,1
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 14:58:32 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2

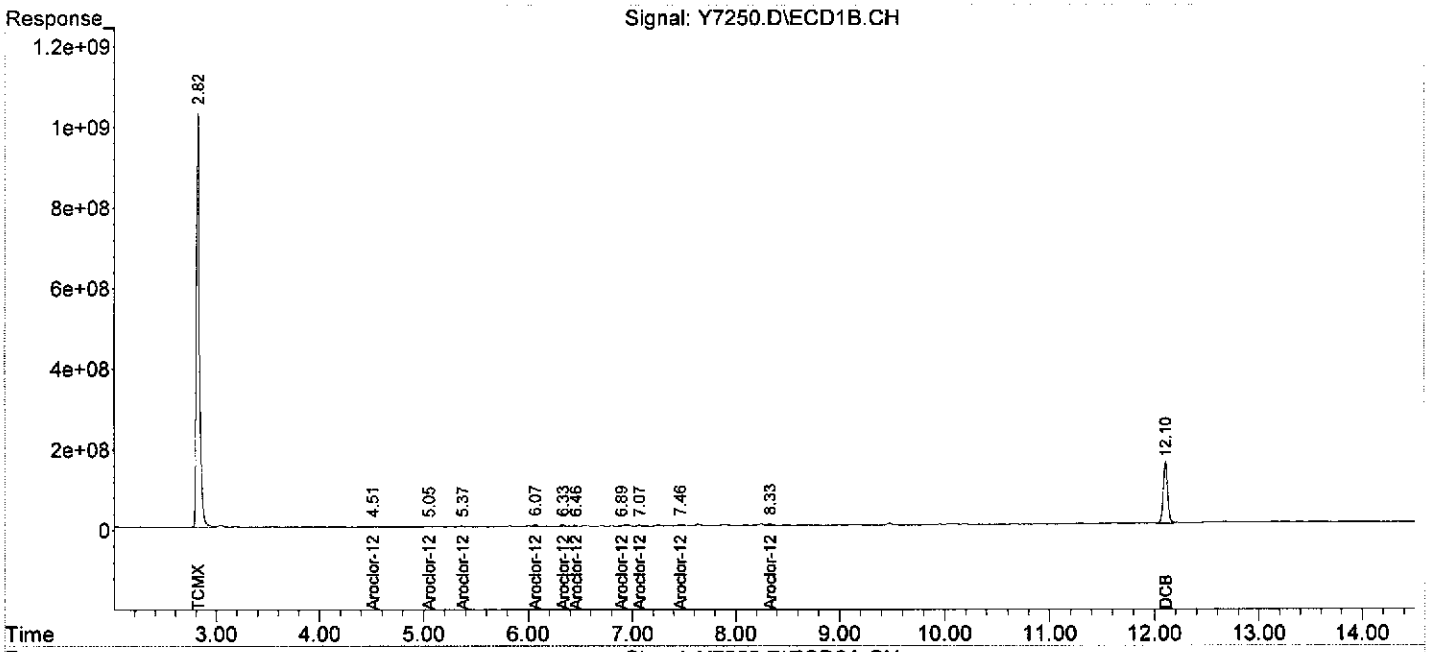
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

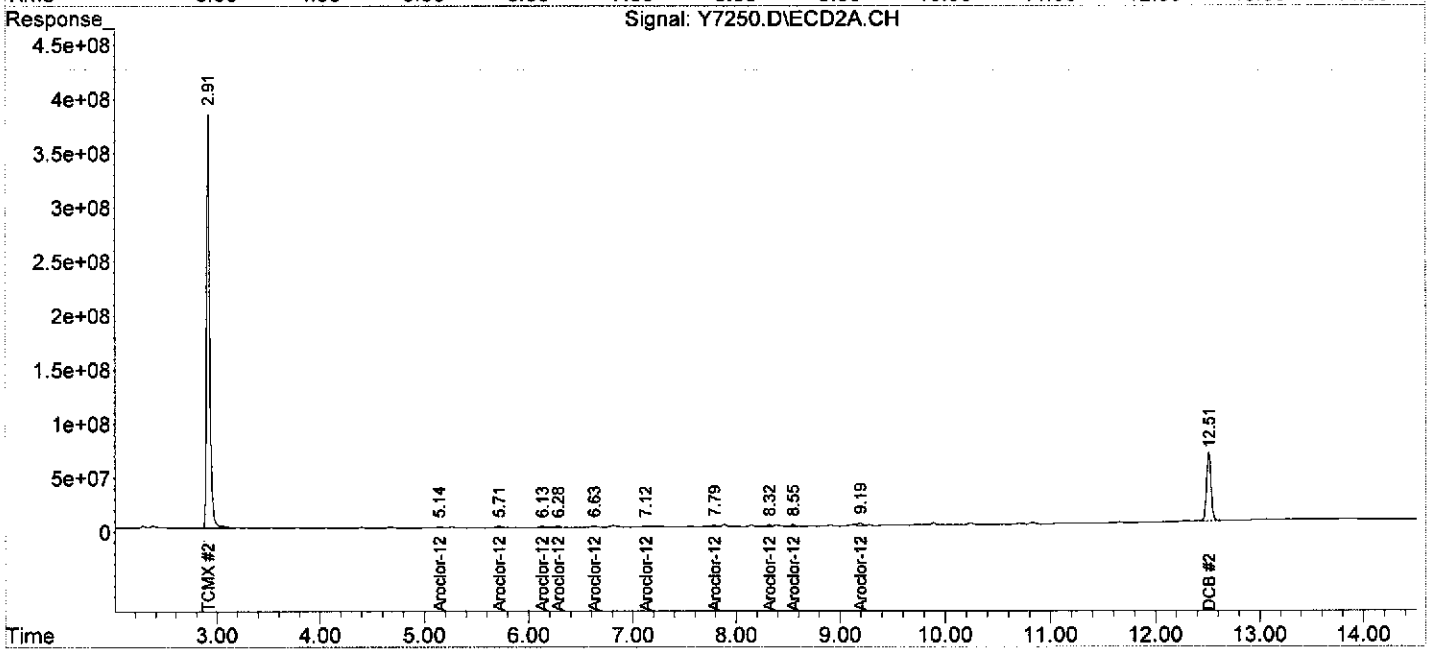
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7250.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 21:55
Operator : YG
Sample : L-38(2.0-4,06899-008,S,5.27g,46.1,07/19/12,4
Misc : 120719-06,07/11/12,07/11/12,1
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 14:58:32 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7251.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 22:12
Operator : YG
Sample : L-38(4.0-6,06899-009,S,5.54g,73.3,07/19/12,4
Misc : 120719-06,07/11/12,07/11/12,1
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 14:59:35 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	23492.8E6	8714.0E6	248.278	277.242
Spiked Amount 200.000			Recovery	=	124.14%	138.62%
2) S DCB	12.10	12.51	4943.3E6	2007.4E6	254.005m	263.351m
Spiked Amount 200.000			Recovery	=	127.00%	131.68%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

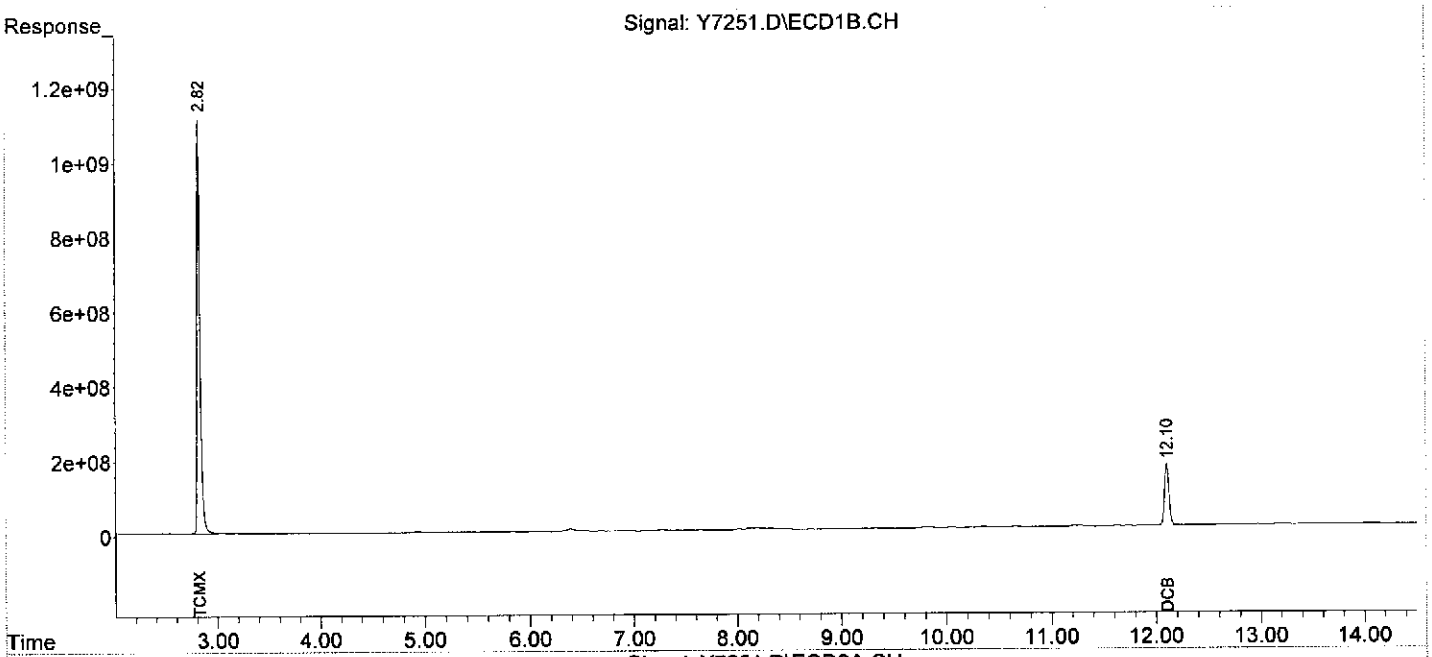
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

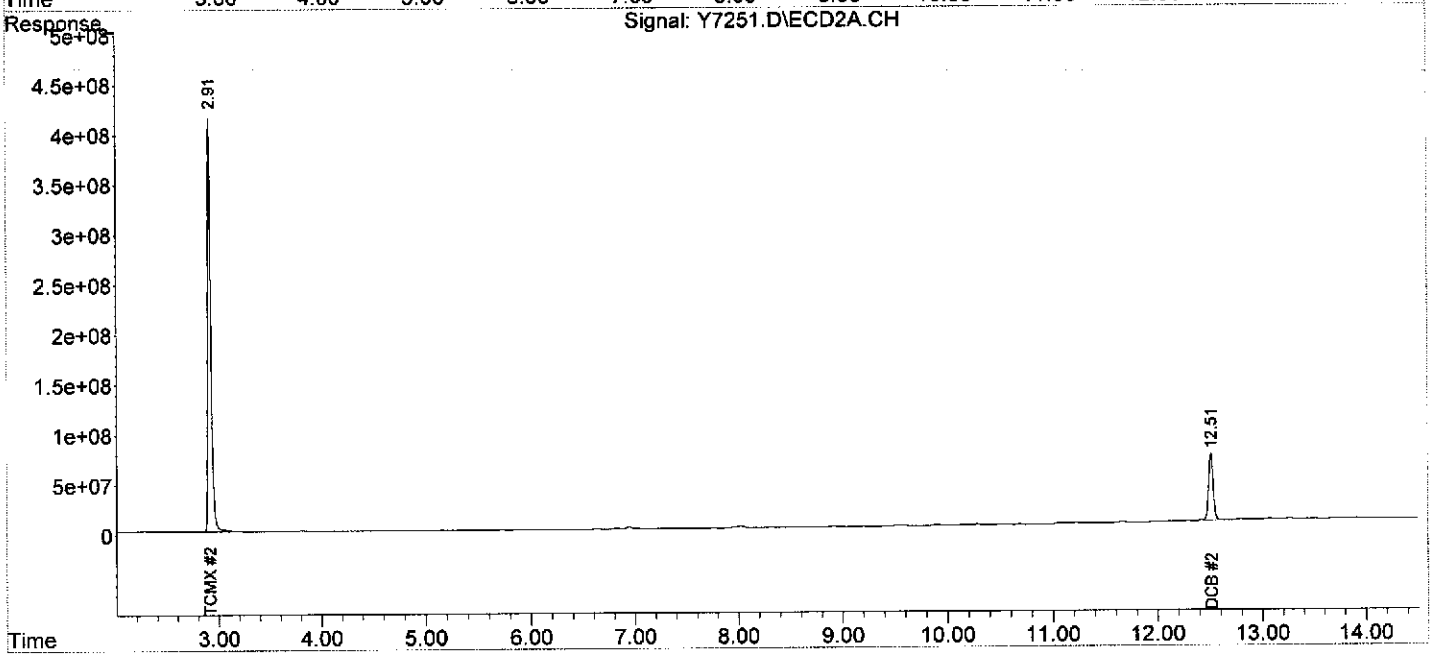
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7251.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 22:12
Operator : YG
Sample : L-38(4.0-6,06899-009,S,5.54g,73.3,07/19/12,4
Misc : 120719-06,07/11/12,07/11/12,1
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 14:59:35 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-24-12\
Data File : Y7343.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Jul 2012 2:08
Operator : YG
Sample : K-38(0-2.0,06899-010,S,5.51g,15.2,07/19/12,4
Misc : 120719-06,07/11/12,07/11/12,10
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 15:06:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.83	2.92	1732.7E6	647.1E6	18.312	20.588
Spiked Amount 200.000			Recovery	=	9.16%	10.29%
2) S DCB	12.11	12.51	299.7E6	215.5E6	15.400m	28.273m#
Spiked Amount 200.000			Recovery	=	7.70%	14.14%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.52	5.15	960.9E6	365.0E6	226.723	277.071
24) L6 Aroclor-1248 {2}	5.05	5.73	726.7E6	735.7E6	300.703	377.524 #
25) L6 Aroclor-1248 {3}	5.37	6.13	1017.1E6	553.4E6	314.296	391.490
26) L6 Aroclor-1248 {4}	6.07	6.28	1810.0E6	394.3E6	350.724	327.109
27) L6 Aroclor-1248 {5}	6.34	6.63	1168.4E6	205.2E6	281.885	310.735
Sum Aroclor-1248			5683.0E6	2253.6E6	1474.330	1683.928
Average Aroclor-1248					294.866	336.786
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

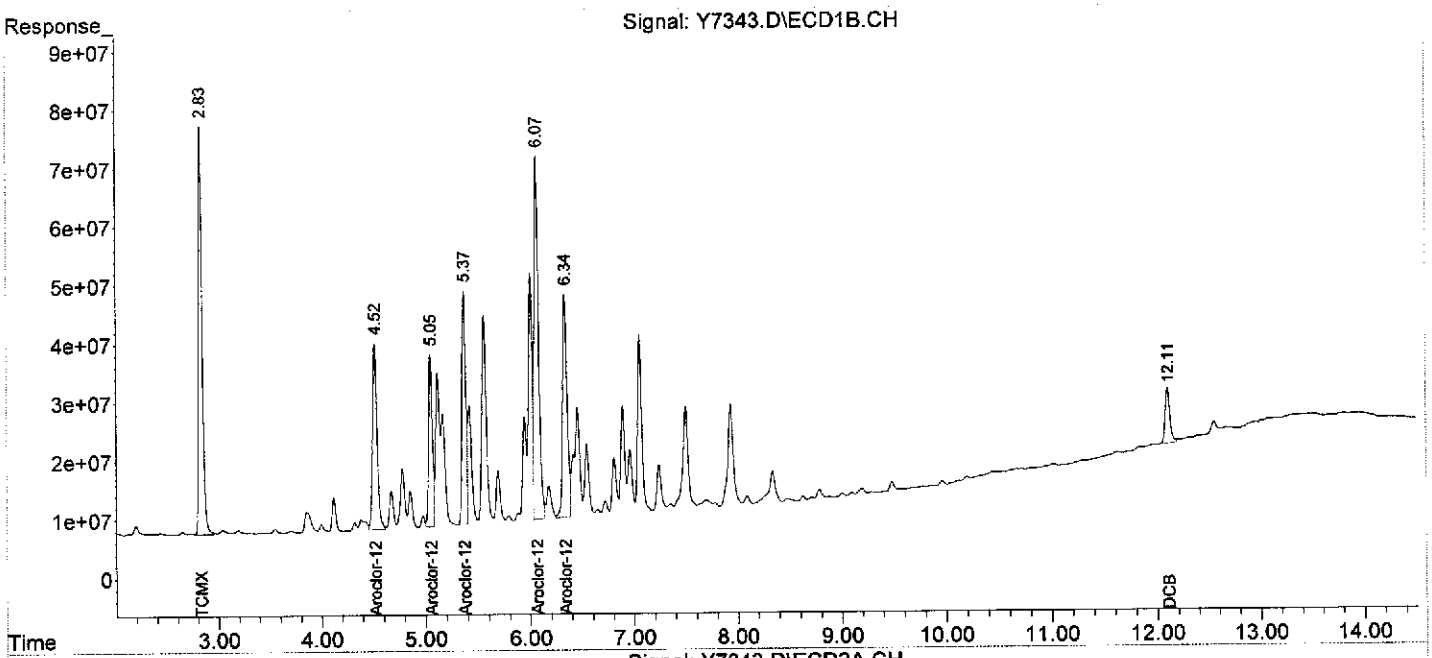
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

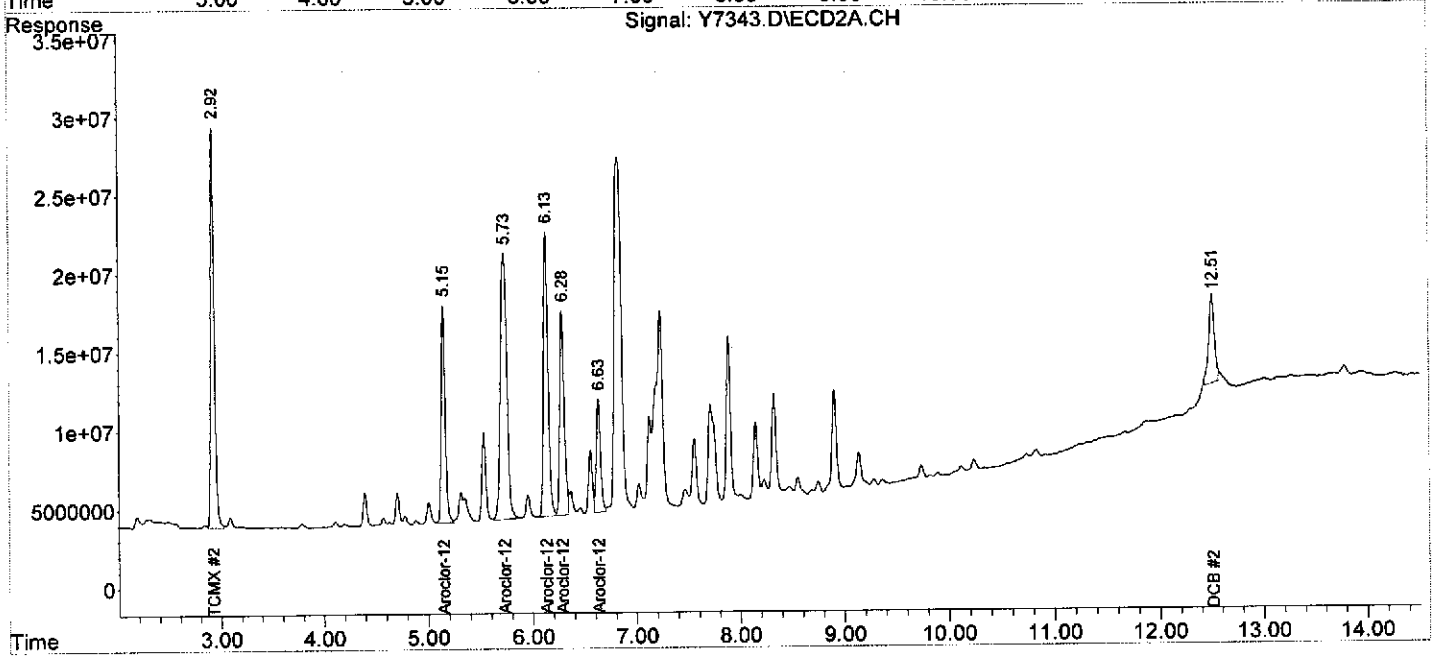
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-24-12\
Data File : Y7343.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Jul 2012 2:08
Operator : YG
Sample : K-38(0-2.0,06899-010,S,5.51g,15.2,07/19/12,4
Misc : 120719-06,07/11/12,07/11/12,10
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 15:06:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7253.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 22:46
Operator : YG
Sample : K-38(2.0-4,06899-011,S,5.45g,52.9,07/19/12,4
Misc : 120719-06,07/11/12,07/11/12,1
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 15:00:26 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	23460.6E6	9508.5E6	247.938	302.518
Spiked Amount 200.000			Recovery	=	123.97%	151.26%
2) S DCB	12.10	12.51	5075.3E6	2189.4E6	260.785m	287.234m
Spiked Amount 200.000			Recovery	=	130.39%	143.62%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.51	5.14	819.3E6	383.9E6	193.324	291.408m#
24) L6 Aroclor-1248 {2}	5.05	5.73	868.5E6	734.7E6	359.364	376.973m
25) L6 Aroclor-1248 {3}	5.36	6.13	3088.3E6	672.4E6	954.332	475.743m#
26) L6 Aroclor-1248 {4}	6.07	6.28	1564.7E6	349.6E6	303.204	289.992m
27) L6 Aroclor-1248 {5}	6.31	6.63	884.2E6	255.4E6	213.330m	386.705m#
Sum Aroclor-1248			7225.1E6	2395.9E6	2023.555	1820.821
Average Aroclor-1248					404.711	364.164
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

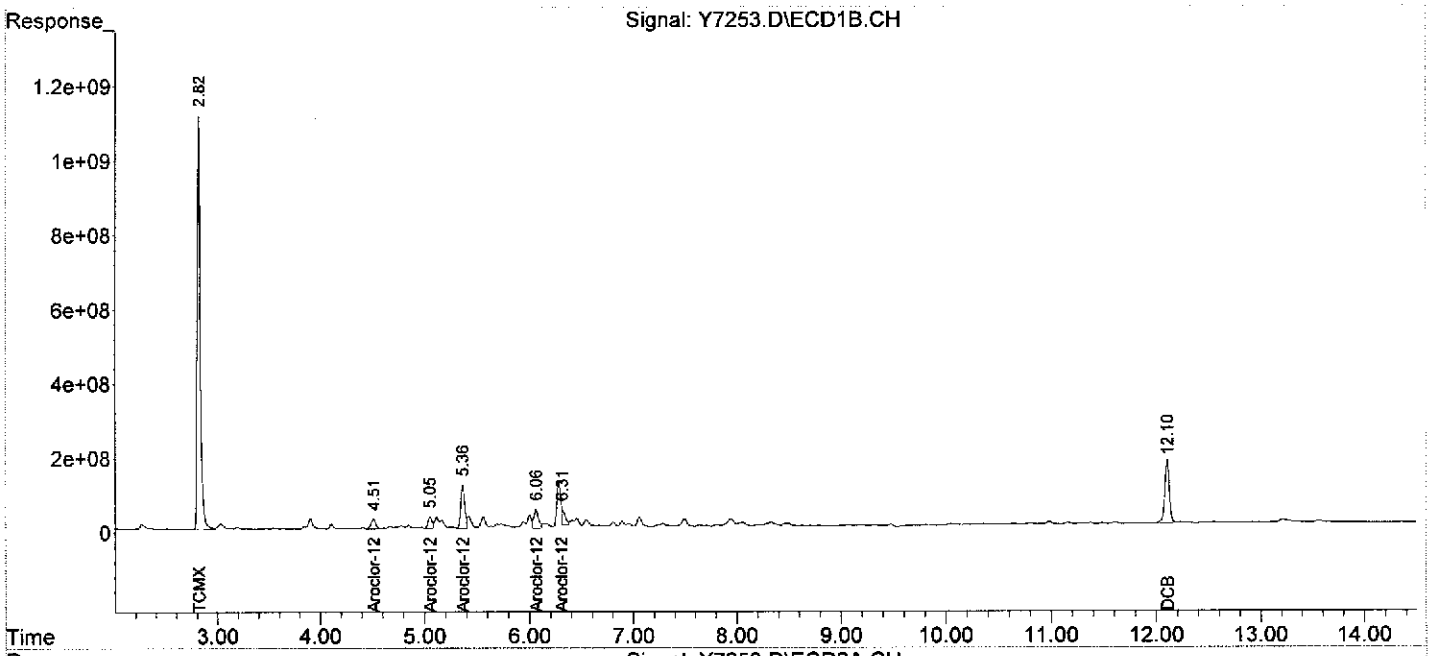
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

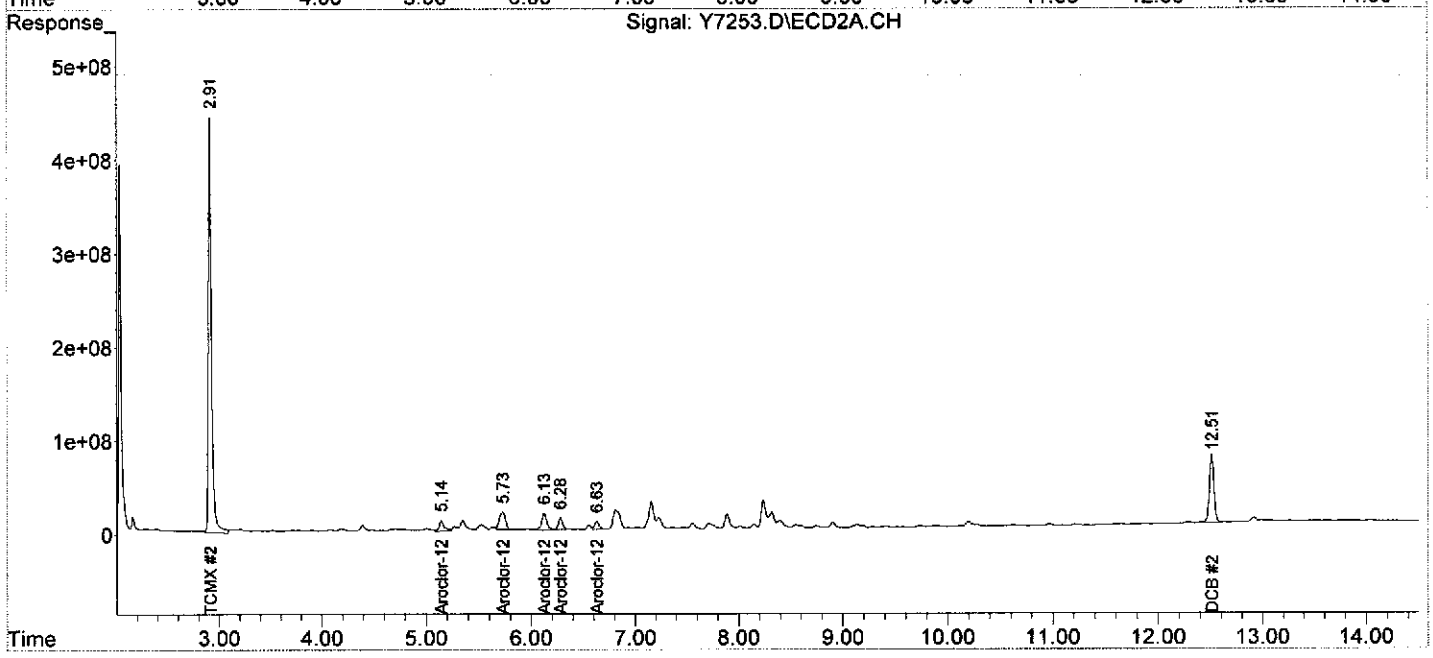
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7253.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 22:46
Operator : YG
Sample : K-38(2.0-4,06899-011,S,5.45g,52.9,07/19/12,4
Misc : 120719-06,07/11/12,07/11/12,1
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 15:00:26 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7254.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 23:04
Operator : YG
Sample : K-38(4.0-6,06899-012,S,5.64g,31.5,07/19/12,4
Misc : 120719-06,07/11/12,07/11/12,1
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 15:00:56 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	22023.6E6	7900.0E6	232.752	251.344
Spiked Amount 200.000			Recovery	=	116.38%	125.67%
2) S DCB	12.10	12.51	4237.9E6	1852.3E6	217.759m	243.009m
Spiked Amount 200.000			Recovery	=	108.88%	121.50%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.52	5.15	55142405	20663675	13.011	15.685
24) L6 Aroclor-1248 {2}	5.05	5.73	45605198	49862786	18.870	25.586 #
25) L6 Aroclor-1248 {3}	5.36	6.13	186.4E6	43417560	57.586	30.717 #
26) L6 Aroclor-1248 {4}	6.07	6.28	92090106	26798889	17.845	22.233
27) L6 Aroclor-1248 {5}	6.33	6.63	86905597	22593069	20.967	34.214 #
Sum Aroclor-1248			466.1E6	163.3E6	128.278	128.434
Average Aroclor-1248					25.656	25.687
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

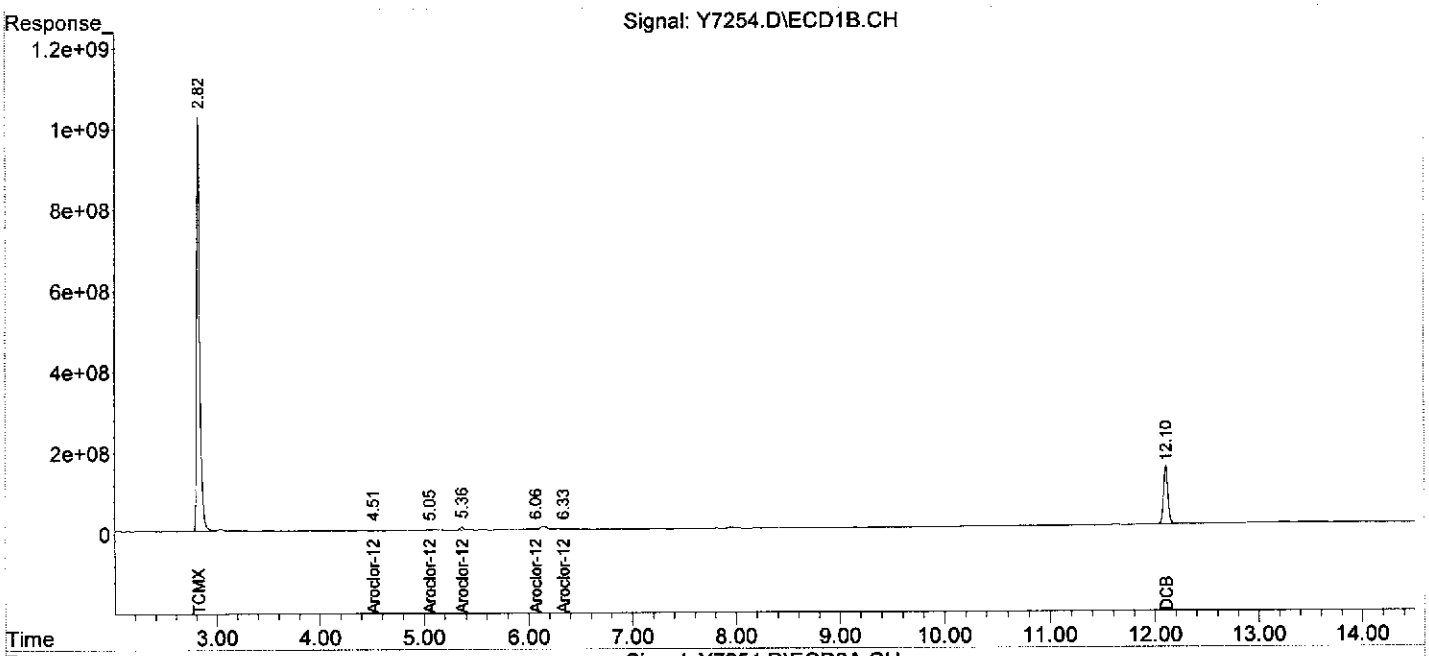
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

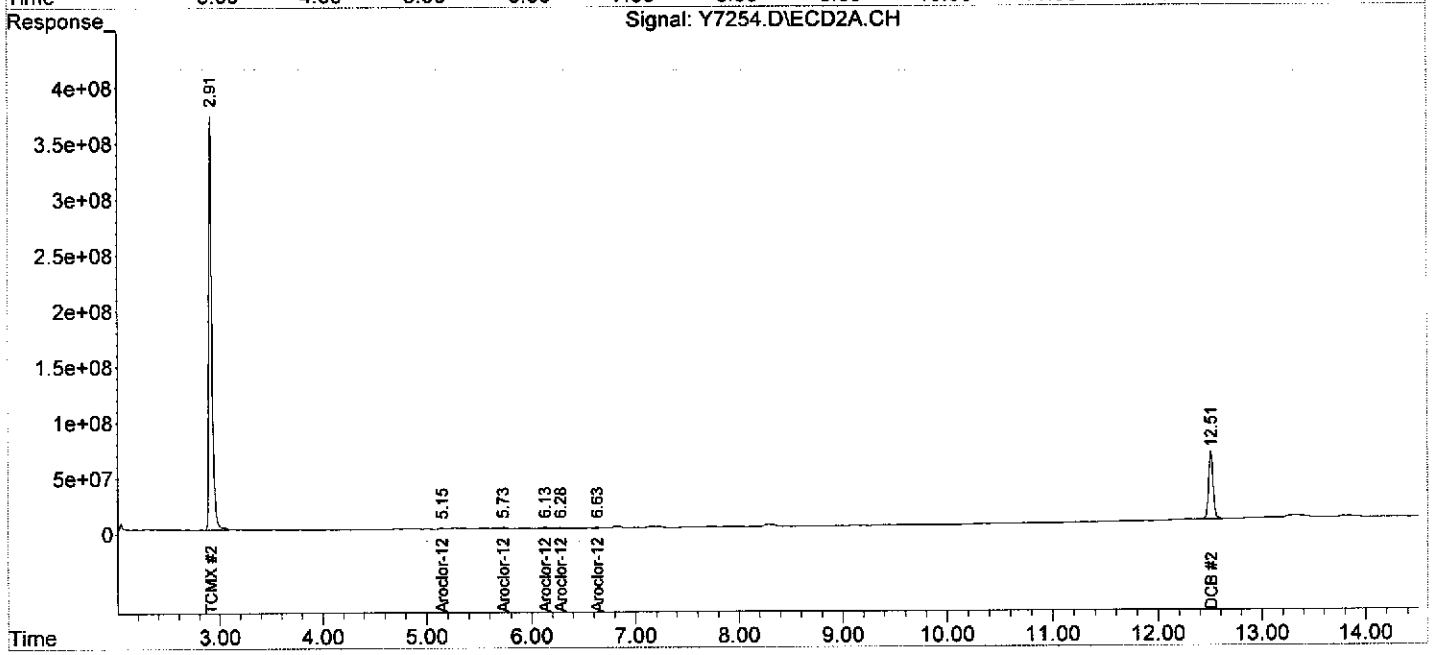
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7254.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 23:04
Operator : YG
Sample : K-38(4.0-6,06899-012,S,5.64g,31.5,07/19/12,4
Misc : 120719-06,07/11/12,07/11/12,1
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 15:00:56 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7255.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 23:21
Operator : YG
Sample : I-39(0-2.0,06899-013,S,5.94g,38.6,07/19/12,4
Misc : 120719-06,07/11/12,07/11/12,100
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 15:02:15 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.52	5.15	4106.4E6	1543.5E6	968.936	1171.551
24) L6 Aroclor-1248 {2}	5.05	5.73	2328.3E6	2346.8E6	963.392	1204.189
25) L6 Aroclor-1248 {3}	5.37	6.13	4851.6E6	1881.6E6	1499.221	1331.182
26) L6 Aroclor-1248 {4}	6.06	6.28	6162.7E6	1513.4E6	1194.175	1255.531
27) L6 Aroclor-1248 {5}	6.33	6.63	4496.2E6	876.4E6	1084.761	1327.145
Sum Aroclor-1248			21945.3E6	8161.6E6	5710.486	6289.599
Average Aroclor-1248					1142.097	1257.920
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	0.00	7.89	0	1069.5E6	N.D. d	1173.642 #
34) L8 Aroclor-1260 {2}	9.01	8.15	502.6E6	482.5E6	149.775	356.455 #
35) L8 Aroclor-1260 {3}	9.48	9.73	1341.4E6	263.3E6	164.465	243.742 #
36) L8 Aroclor-1260 {4}	9.96	10.24	584.6E6	548.2E6	138.182	237.014 #
37) L8 Aroclor-1260 {5}	11.02	10.83	527.6E6	362.1E6	330.672	211.902 #
Sum Aroclor-1260			2956.2E6	2725.6E6	783.094	2222.755
Average Aroclor-1260					195.773	444.551
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

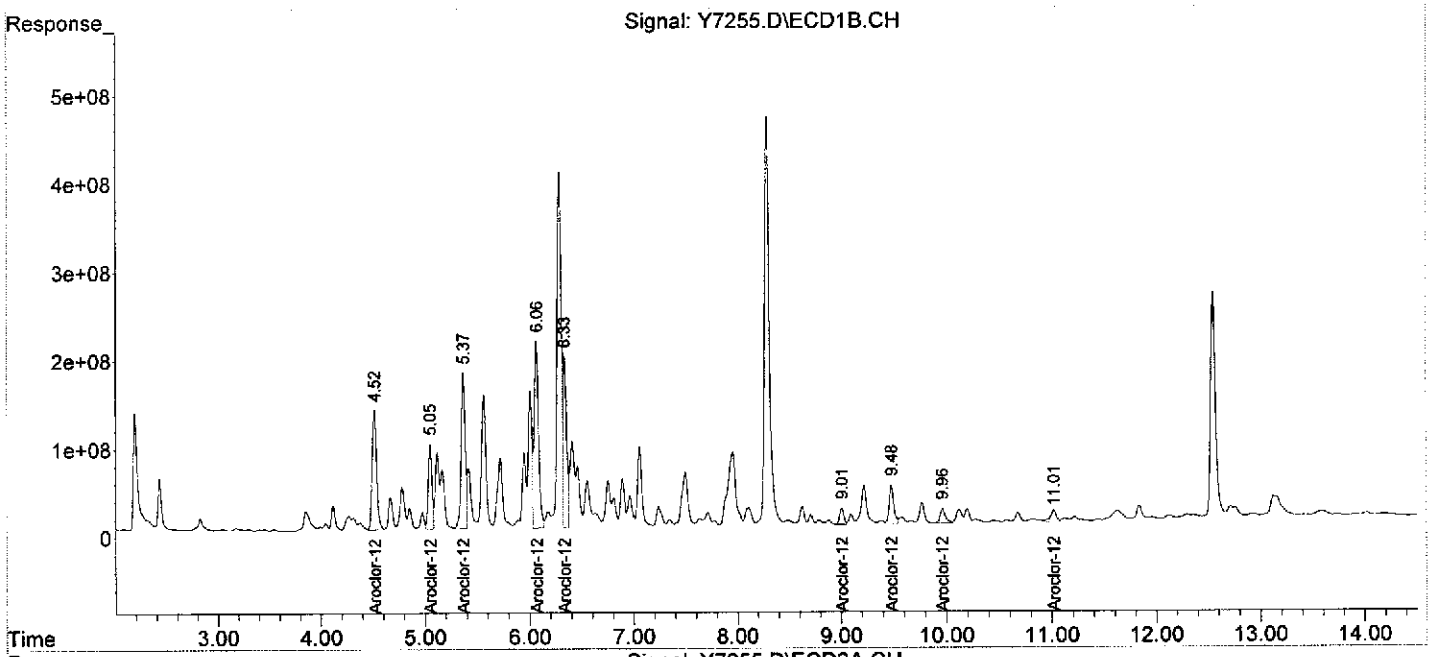
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

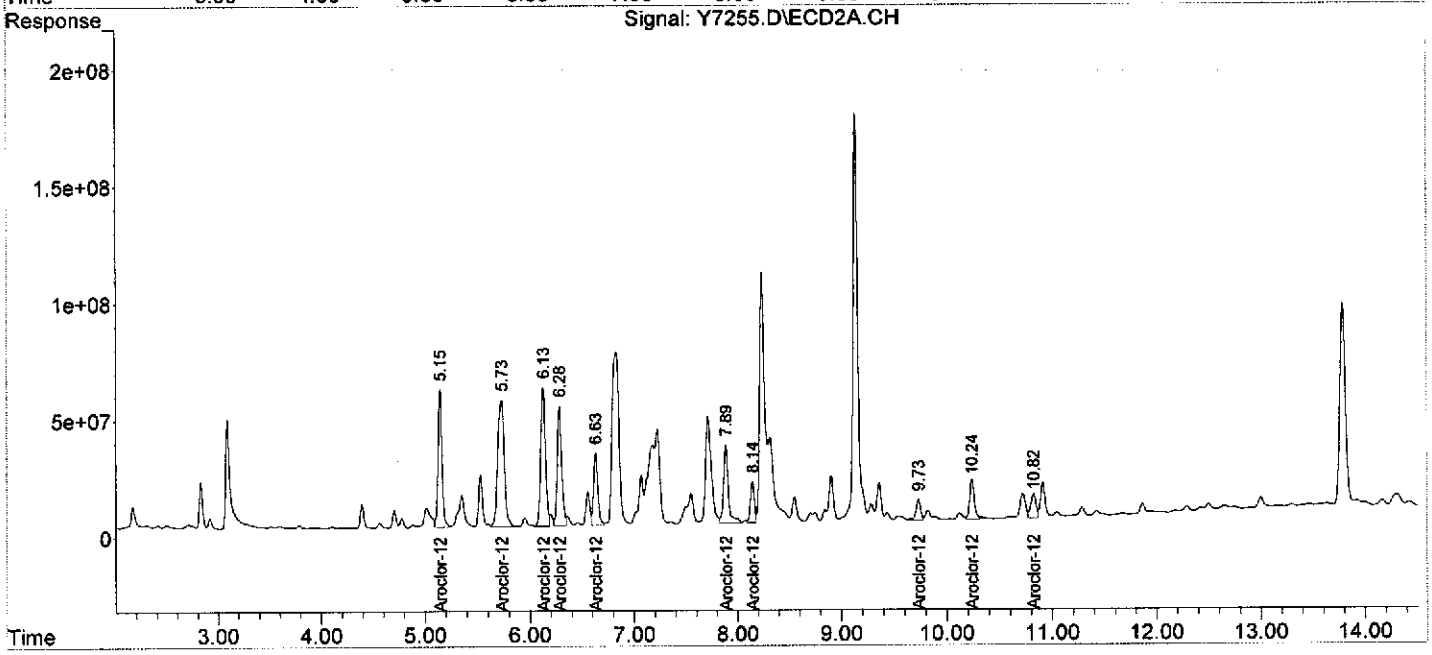
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7255.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 23:21
Operator : YG
Sample : I-39(0-2.0,06899-013,S,5.94g,38.6,07/19/12,4
Misc : 120719-06,07/11/12,07/11/12,100
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 15:02:15 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7256.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 23:38
Operator : YG
Sample : I-39(2.0-4,06899-014,S,5.09g,53.8,07/19/12,4
Misc : 120719-06,07/11/12,07/11/12,100
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 15:02:51 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.52	5.14	1296.3E6	492.2E6	305.876	373.630
24) L6 Aroclor-1248 {2}	5.05	5.73	537.8E6	724.1E6	222.507	371.527 #
25) L6 Aroclor-1248 {3}	5.36	6.13	12107.5E6	585.2E6	3741.428	414.042 #
26) L6 Aroclor-1248 {4}	6.07	6.28	1651.8E6	390.0E6	320.071	323.574
27) L6 Aroclor-1248 {5}	0.00	6.62	0	428.3E6	N.D. d	648.596 #
Sum Aroclor-1248			15593.3E6	2619.9E6	4589.882	2131.368
Average Aroclor-1248					1147.470	426.274
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

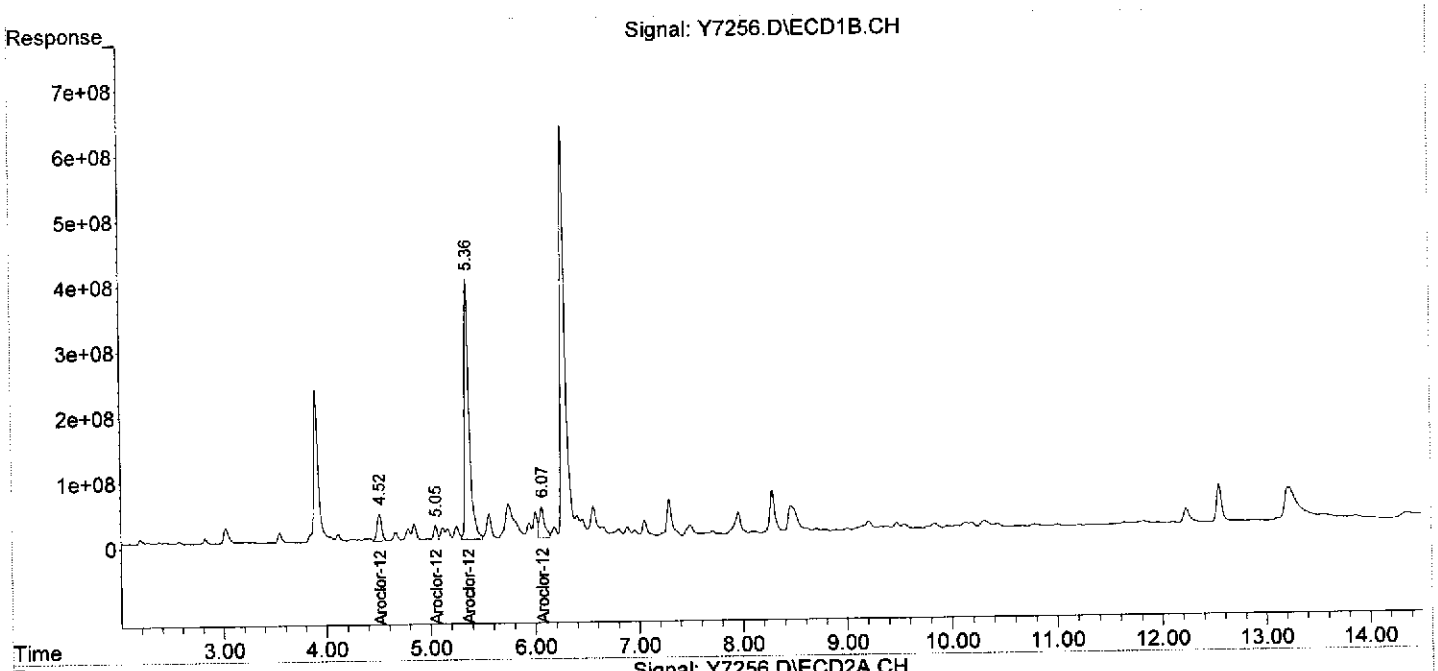
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

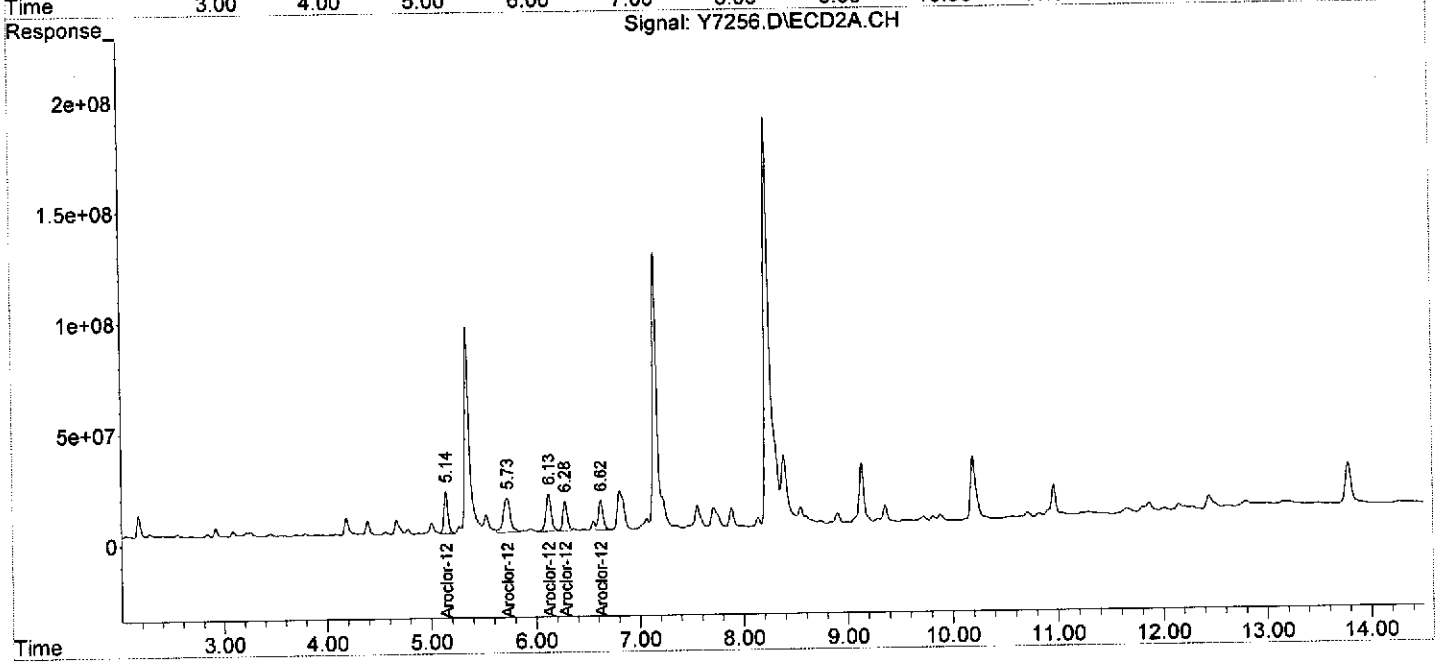
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7256.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 23:38
Operator : YG
Sample : I-39(2.0-4,06899-014,S,5.09g,53.8,07/19/12,4
Misc : 120719-06,07/11/12,07/11/12,100
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 15:02:51 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase :
Signal #1 Info :
Signal #2 Phase:
Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-25-12\
Data File : R1934.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Jul 2012 20:19
Operator : YG
Sample : I-39(4.0-6,06899-015,S,5.08g,42.1,07/19/12,4
Misc : 120719-09,07/11/12,07/11/12,1
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 26 14:47:59 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0725.M
Quant Title :
QLast Update : Thu Jul 26 10:00:26 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.47	3.39	30933.3E6	31419.0E6	175.429	231.693 #
Spiked Amount 200.000			Recovery	=	87.71%	115.85%
2) S DCB	13.09	13.21	12234.2E6	7147.4E6	157.938m	206.040m#
Spiked Amount 200.000			Recovery	=	78.97%	103.02%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.29	5.71	2011.3E6	1423.3E6	235.158	278.049
24) L6 Aroclor-1248 {2}	5.85	6.31	954.5E6	2214.3E6	201.373	314.402 #
25) L6 Aroclor-1248 {3}	0.00	6.72	0	1785.6E6	N.D. d	344.789 #
26) L6 Aroclor-1248 {4}	6.91	6.88	1949.2E6	1179.4E6	205.219	267.183 #
27) L6 Aroclor-1248 {5}	7.17	7.22	4847.0E6	2801.3E6	593.748m	1151.932 #
Sum Aroclor-1248			9762.1E6	9403.8E6	1235.498	2356.355
Average Aroclor-1248					308.874	471.271
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

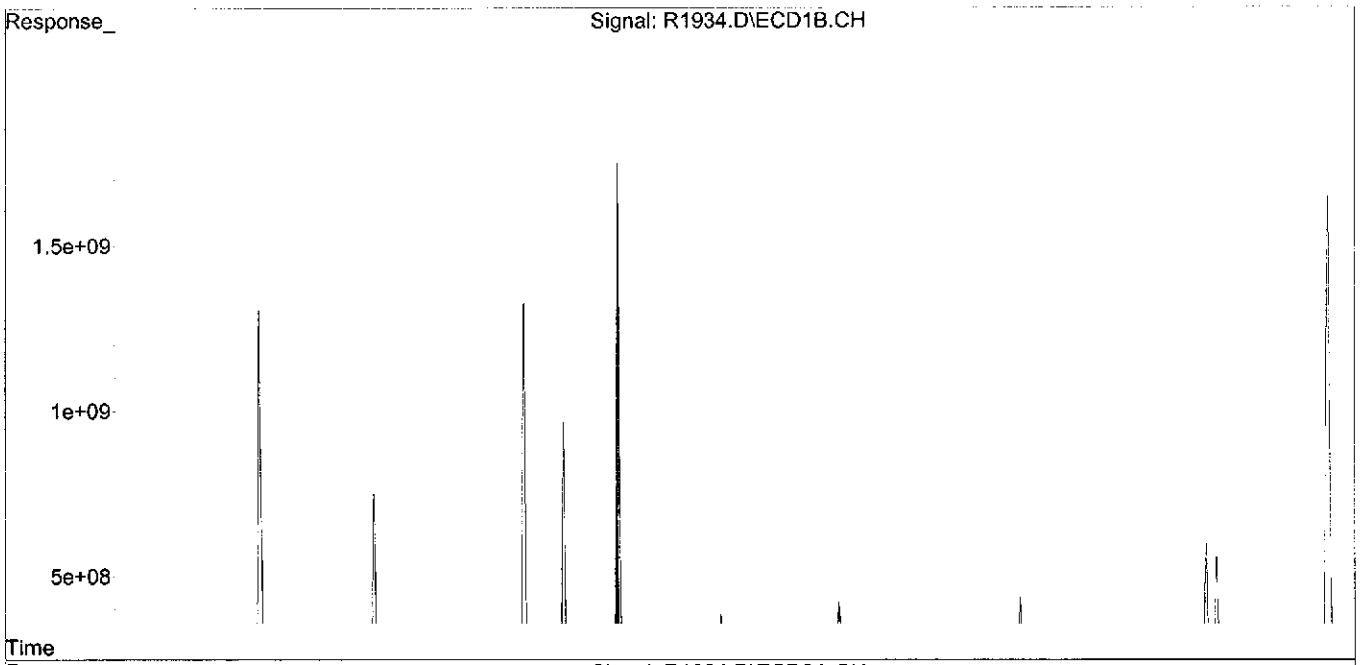
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

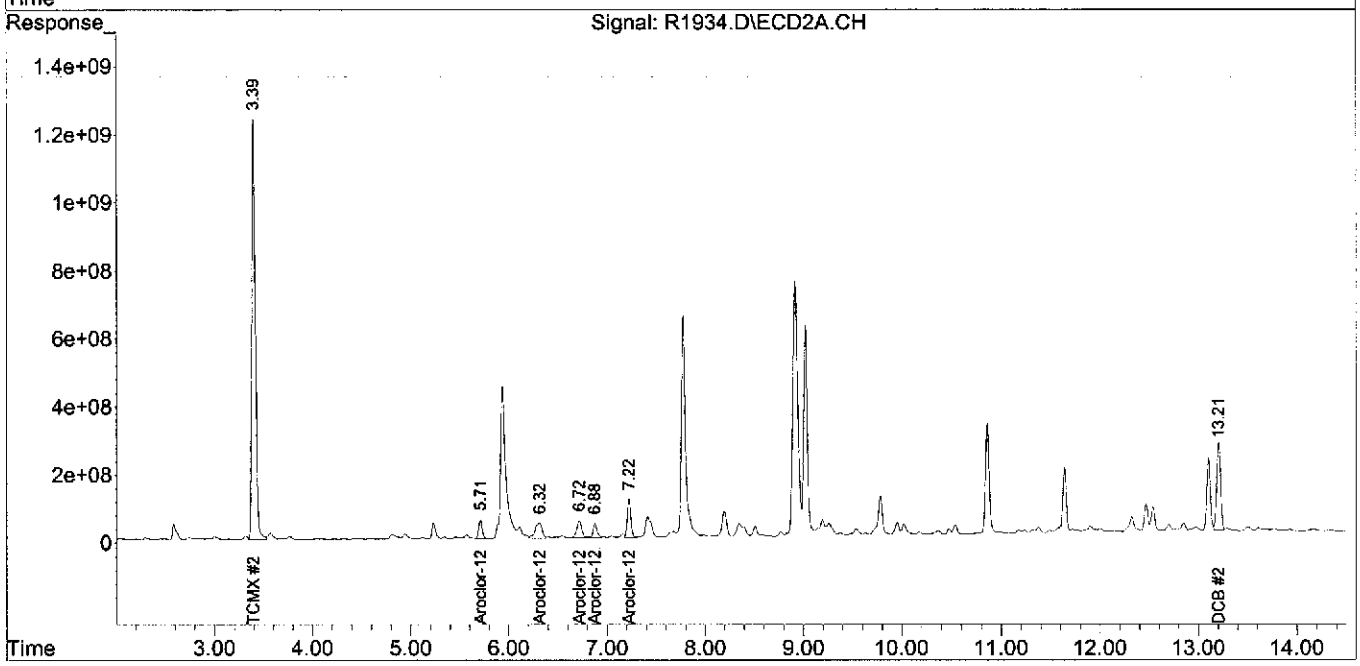
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-25-12\
Data File : R1934.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Jul 2012 20:19
Operator : YG
Sample : I-39(4.0-6,06899-015,S,5.08g,42.1,07/19/12,4
Misc : 120719-09,07/11/12,07/11/12,1
ALS Vial : 31 Sample Multiplier: 1

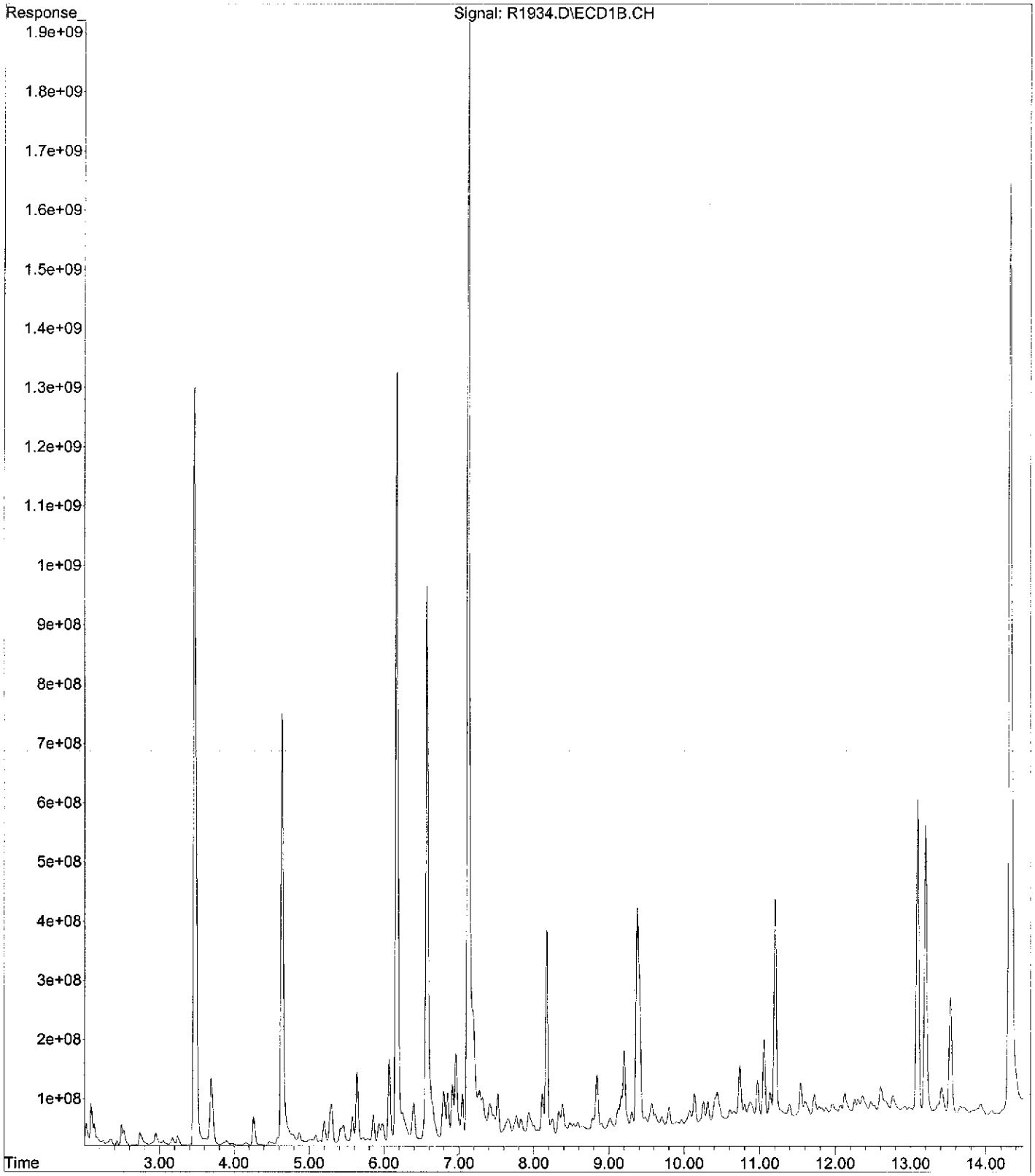
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 26 14:47:59 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0725.M
Quant Title :
QLast Update : Thu Jul 26 10:00:26 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





File :C:\MSDCHEM\1\DATA\07-25-12\R1934.D
Operator : YG
Acquired : 25 Jul 2012 20:19 using AcqMethod RPCB0725.M
Instrument : GC_R
Sample Name: I-39(4.0-6,06899-015,S,5.08g,42.1,07/19/12,4
Misc Info : 120719-09,07/11/12,07/11/12,1
Vial Number: 31



Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-25-12\
Data File : R1935.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Jul 2012 20:37
Operator : YG
Sample : K-37(0-2.0,06899-016,S,5.55g,33.6,07/19/12,4
Misc : 120719-09,07/11/12,07/11/12,100
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 26 14:50:06 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0725.M
Quant Title :
QLast Update : Thu Jul 26 10:00:26 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.30	5.71	622.2E6	529.8E6	72.751	103.497 #
24) L6 Aroclor-1248 {2}	5.86	6.31	526.3E6	961.0E6	111.033	136.446m
25) L6 Aroclor-1248 {3}	6.19	6.72	639.9E6	710.0E6	120.810	137.096m
26) L6 Aroclor-1248 {4}	6.91	6.88	1452.9E6	527.2E6	152.962m	119.438m
27) L6 Aroclor-1248 {5}	7.19	7.23	1012.9E6	385.6E6	124.073m	158.554 #
Sum Aroclor-1248			4254.1E6	3113.5E6	581.629	655.031
Average Aroclor-1248					116.326	131.006
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

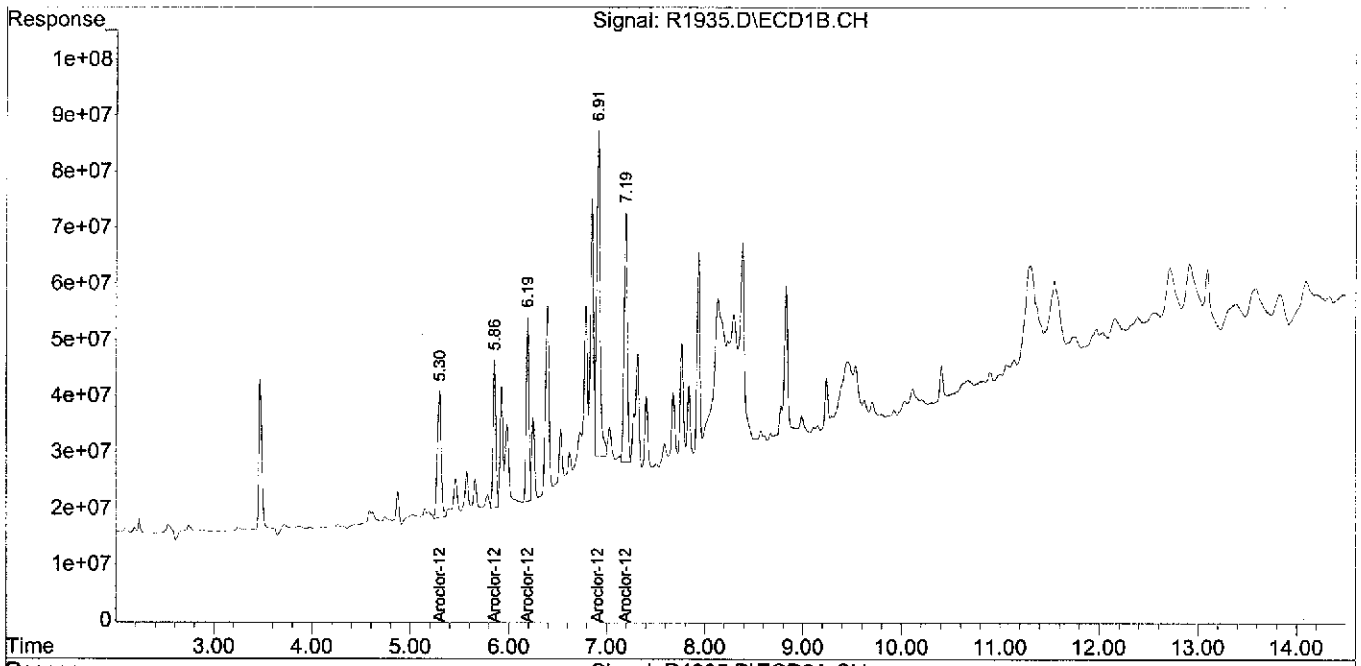
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

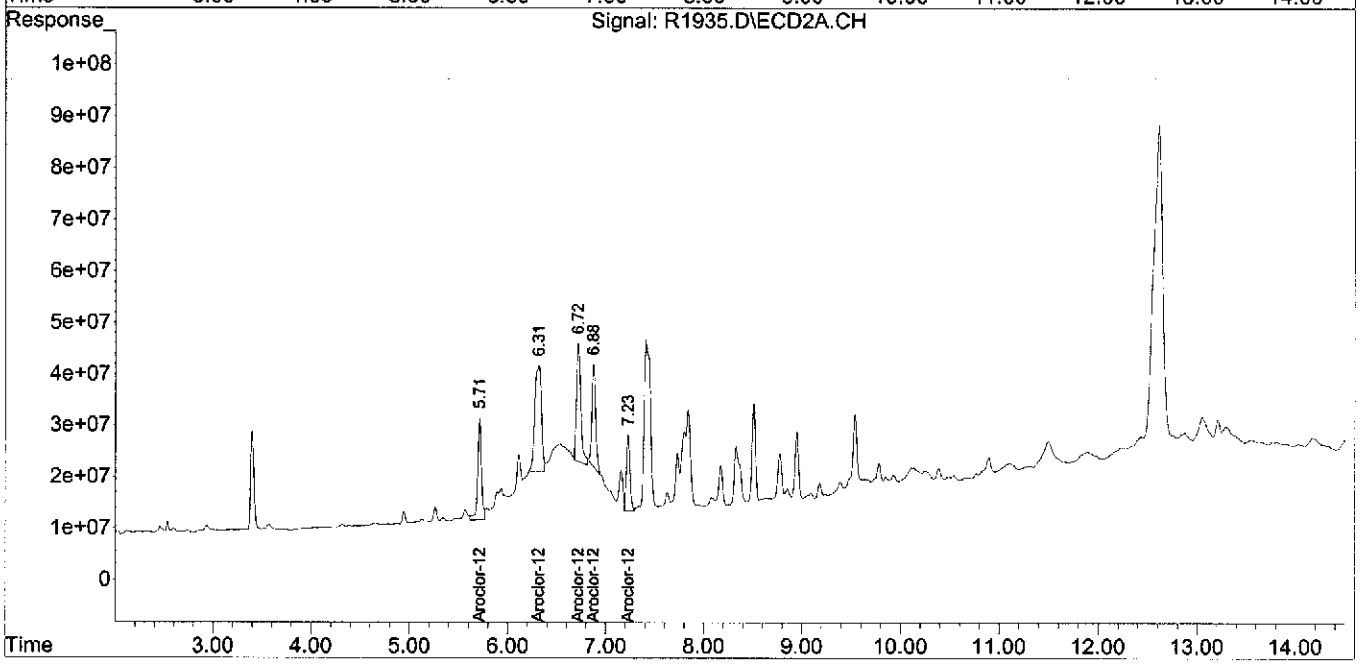
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-25-12\
Data File : R1935.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Jul 2012 20:37
Operator : YG
Sample : K-37(0-2.0,06899-016,S,5.55g,33.6,07/19/12,4
Misc : 120719-09,07/11/12,07/11/12,100
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 26 14:50:06 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0725.M
Quant Title :
QLast Update : Thu Jul 26 10:00:26 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-25-12\
Data File : R1936.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Jul 2012 20:54
Operator : YG
Sample : K-37(2.0-4,06899-017,S,5.75g,49.3,07/19/12,4
Misc : 120719-09,07/11/12,07/11/12,1
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 26 16:47:34 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0725.M
Quant Title :
QLast Update : Thu Jul 26 10:00:26 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.47	3.39	49504.0E6	35747.4E6	280.746	263.612m
Spiked Amount 200.000			Recovery	=	140.37%	131.81%
2) S DCB	13.09	13.21	15373.9E6	10596.5E6	198.470m	305.468m#
Spiked Amount 200.000			Recovery	=	99.23%	152.73%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.29	5.71	1198.6E6	617.5E6	140.135	120.635
24) L6 Aroclor-1248 {2}	5.85	6.29	814.6E6	1006.8E6	171.866	142.959
25) L6 Aroclor-1248 {3}	6.20	6.72	751.1E6	806.0E6	141.815	155.637
26) L6 Aroclor-1248 {4}	6.91	6.88	1681.0E6	711.9E6	176.980	161.277
27) L6 Aroclor-1248 {5}	7.19	7.23	2128.3E6	288.0E6	260.714	118.416 #
Sum Aroclor-1248			6573.7E6	3430.2E6	891.510	698.924
Average Aroclor-1248					178.302	139.785
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

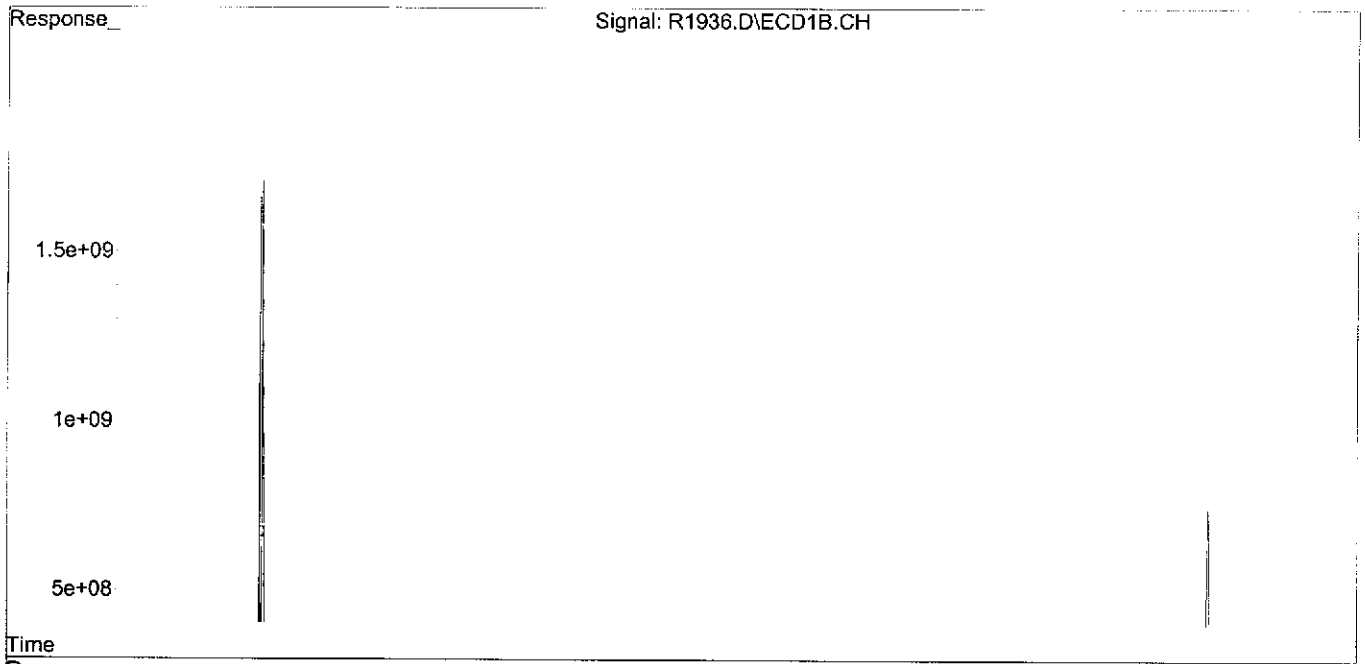
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

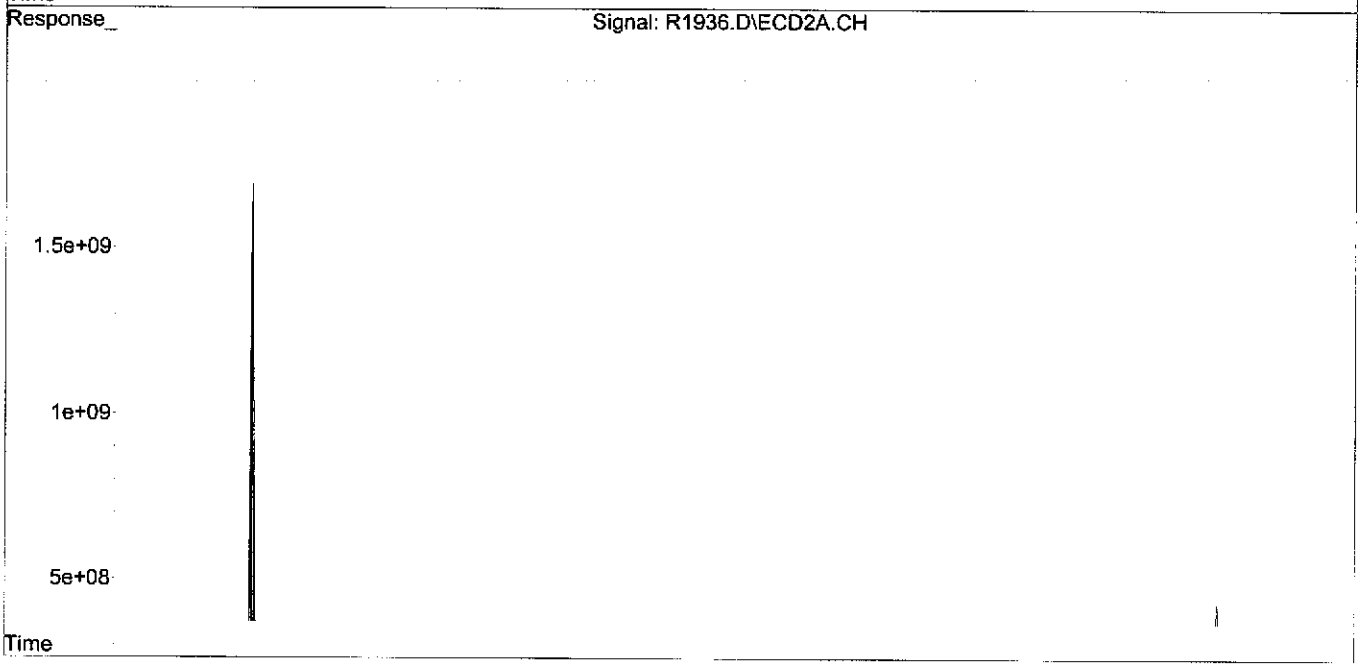
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-25-12\
Data File : R1936.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Jul 2012 20:54
Operator : YG
Sample : K-37(2.0-4,06899-017,S,5.75g,49.3,07/19/12,4
Misc : 120719-09,07/11/12,07/11/12,1
ALS Vial : 33 Sample Multiplier: 1

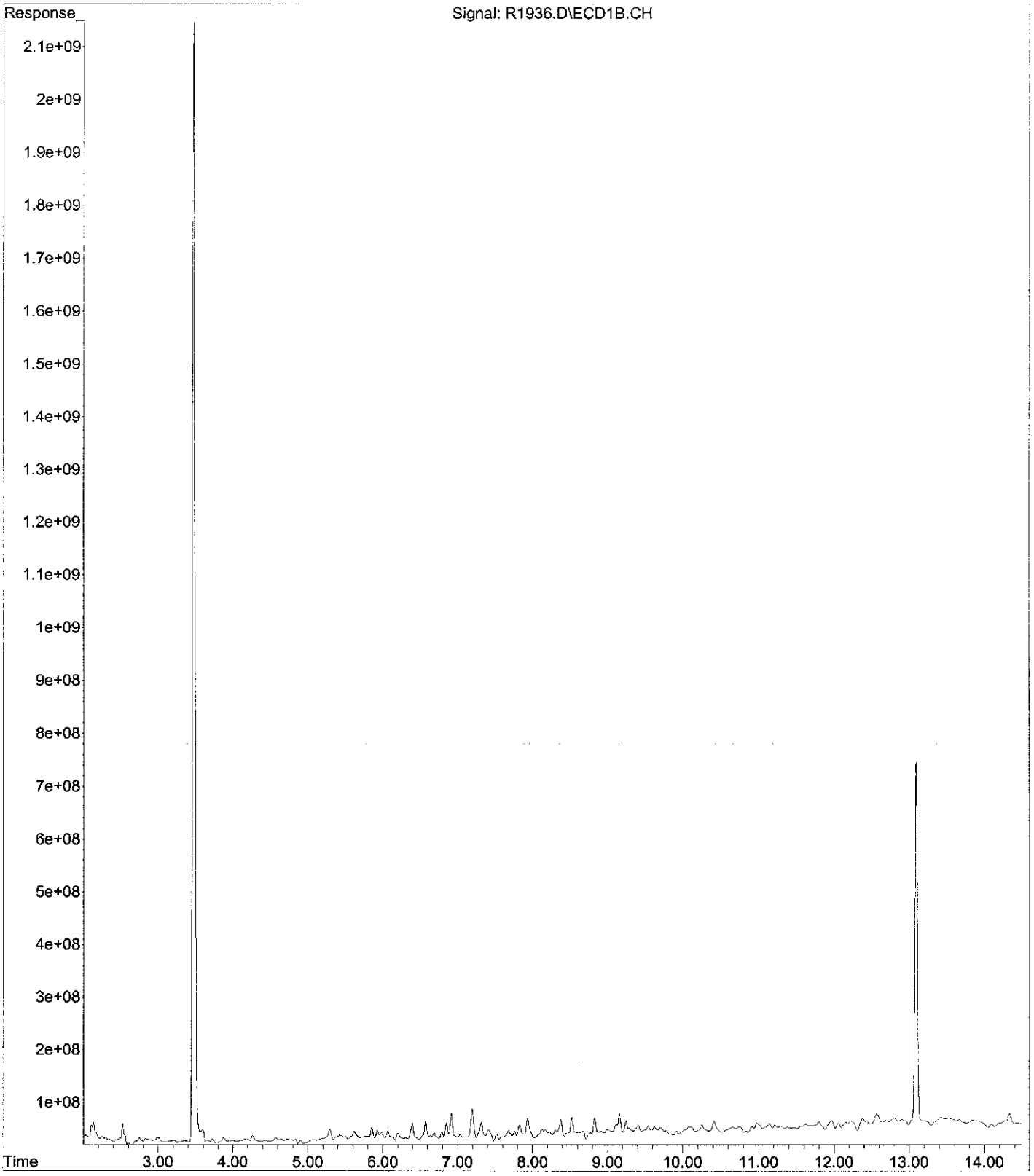
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 26 16:47:34 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0725.M
Quant Title :
QLast Update : Thu Jul 26 10:00:26 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

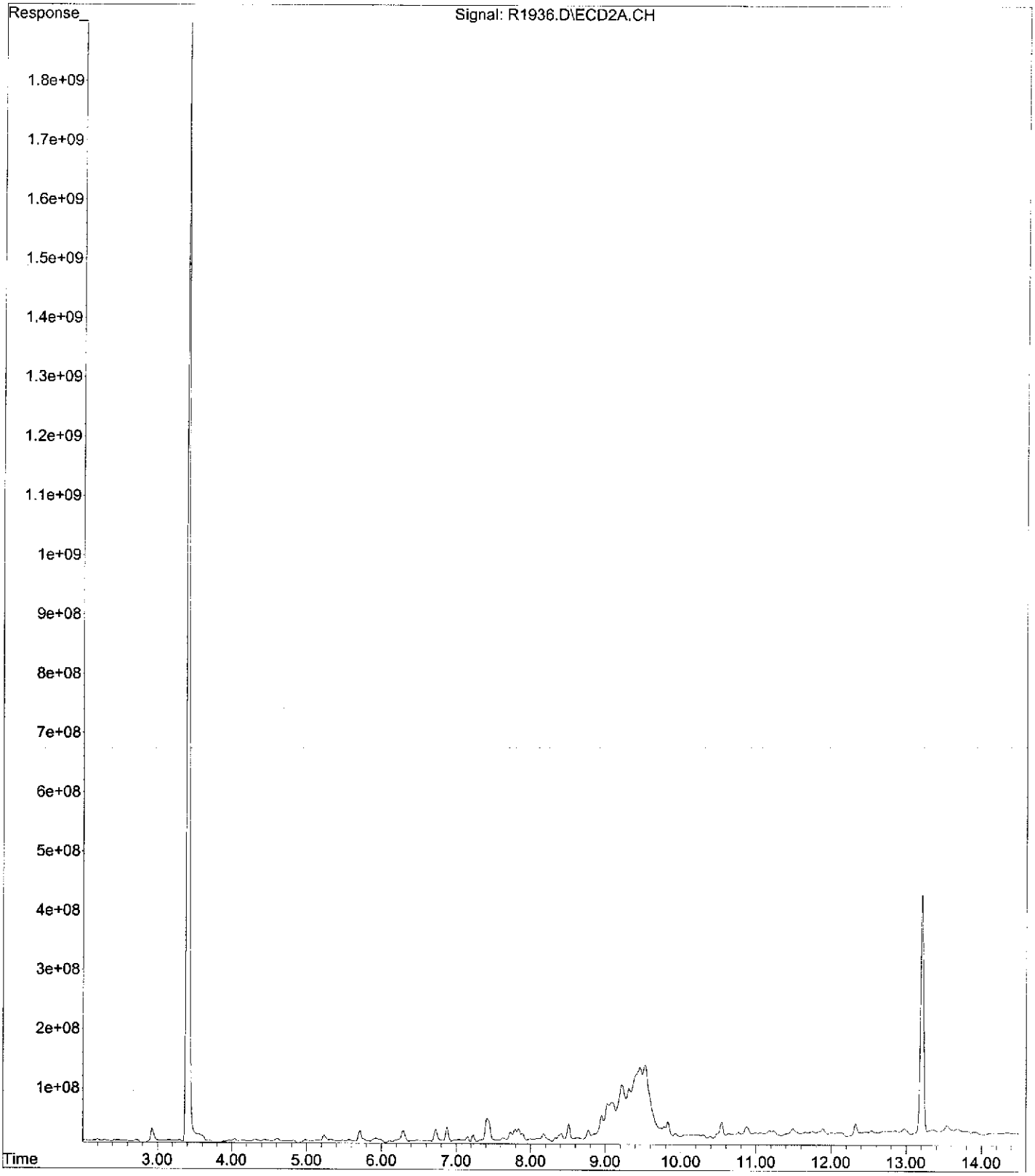




File :C:\MSDChem\1\DATA\07-25-12\R1936.D
Operator : YG
Acquired : 25 Jul 2012 20:54 using AcqMethod RPCB0725.M
Instrument : GC_R
Sample Name: K-37(2.0-4,06899-017,S,5.75g,49.3,07/19/12,4
Misc Info : 120719-09,07/11/12,07/11/12,1
Vial Number: 33



File :C:\MSDChem\1\DATA\07-25-12\R1936.D
Operator : YG
Acquired : 25 Jul 2012 20:54 using AcqMethod RPCB0725.M
Instrument : GC_R
Sample Name: K-37(2.0-4,06899-017,S,5.75g,49.3,07/19/12,4
Misc Info : 120719-09,07/11/12,07/11/12,1
Vial Number: 33



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-25-12\
Data File : R1937.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Jul 2012 21:11
Operator : YG
Sample : K-37(4.0-6,06899-018,S,5.81g,36.7,07/19/12,4
Misc : 120719-09,07/11/12,07/11/12,1
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 26 14:53:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0725.M
Quant Title :
QLast Update : Thu Jul 26 10:00:26 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.47	3.39	45209.7E6	37145.4E6	256.392	273.921
Spiked Amount 200.000			Recovery	=	128.20%	136.96%
2) S DCB	13.09	13.21	13198.2E6	8297.4E6	170.383	239.191 #
Spiked Amount 200.000			Recovery	=	85.19%	119.60%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.29	5.71	78634434	51021046	9.194m	9.967m
24) L6 Aroclor-1248 {2}	5.86	6.31	62105436	103.9E6	13.102m	14.749m
25) L6 Aroclor-1248 {3}	6.19	6.72	142.8E6	116.4E6	26.967m	22.469m
26) L6 Aroclor-1248 {4}	6.91	6.87	82698607	79651580	8.707m	18.044m#
27) L6 Aroclor-1248 {5}	7.20	7.23	441.2E6	120.0E6	54.040m	49.326
Sum Aroclor-1248			807.4E6	470.9E6	112.011	114.556
Average Aroclor-1248					22.402	22.911
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

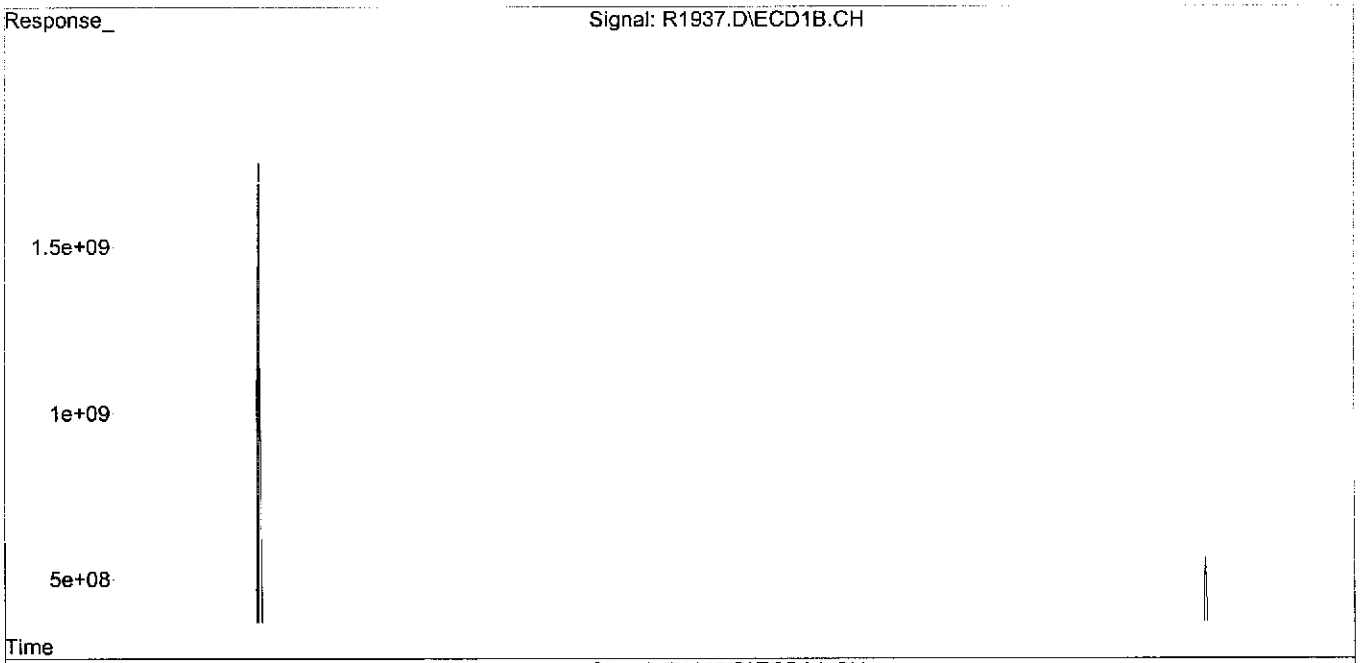
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

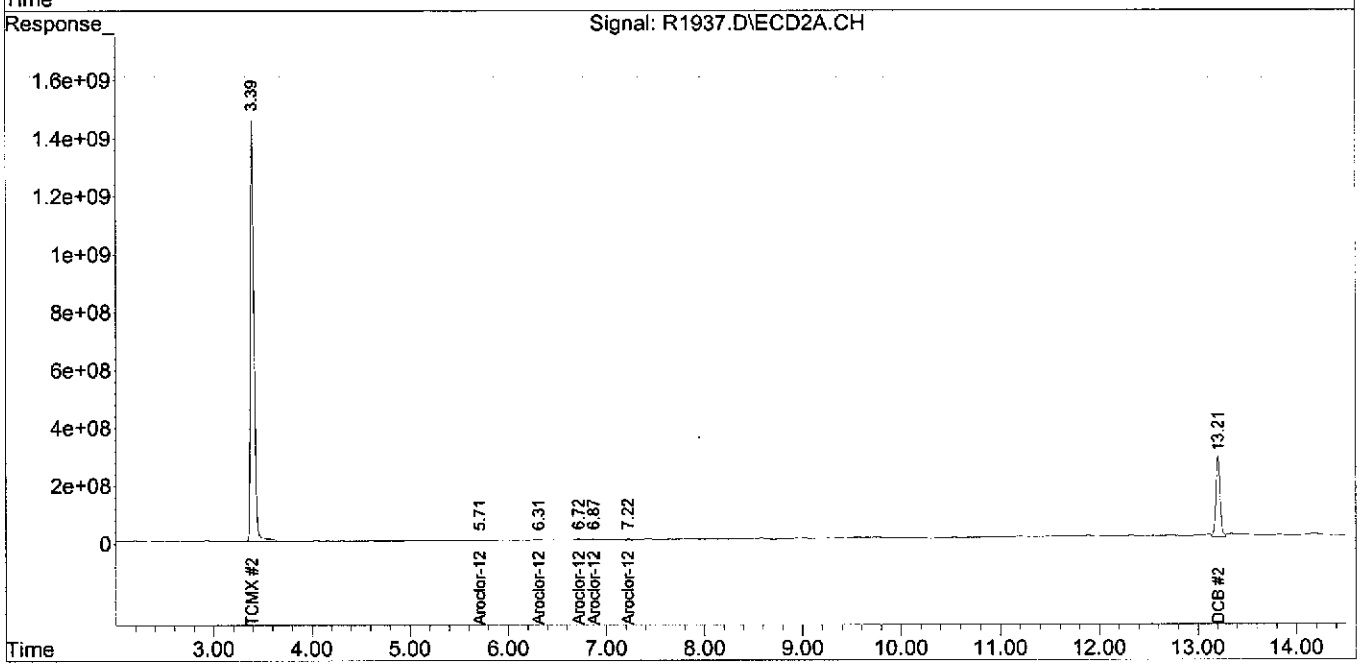
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-25-12\
Data File : R1937.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Jul 2012 21:11
Operator : YG
Sample : K-37(4.0-6,06899-018,S,5.81g,36.7,07/19/12,4
Misc : 120719-09,07/11/12,07/11/12,1
ALS Vial : 34 Sample Multiplier: 1

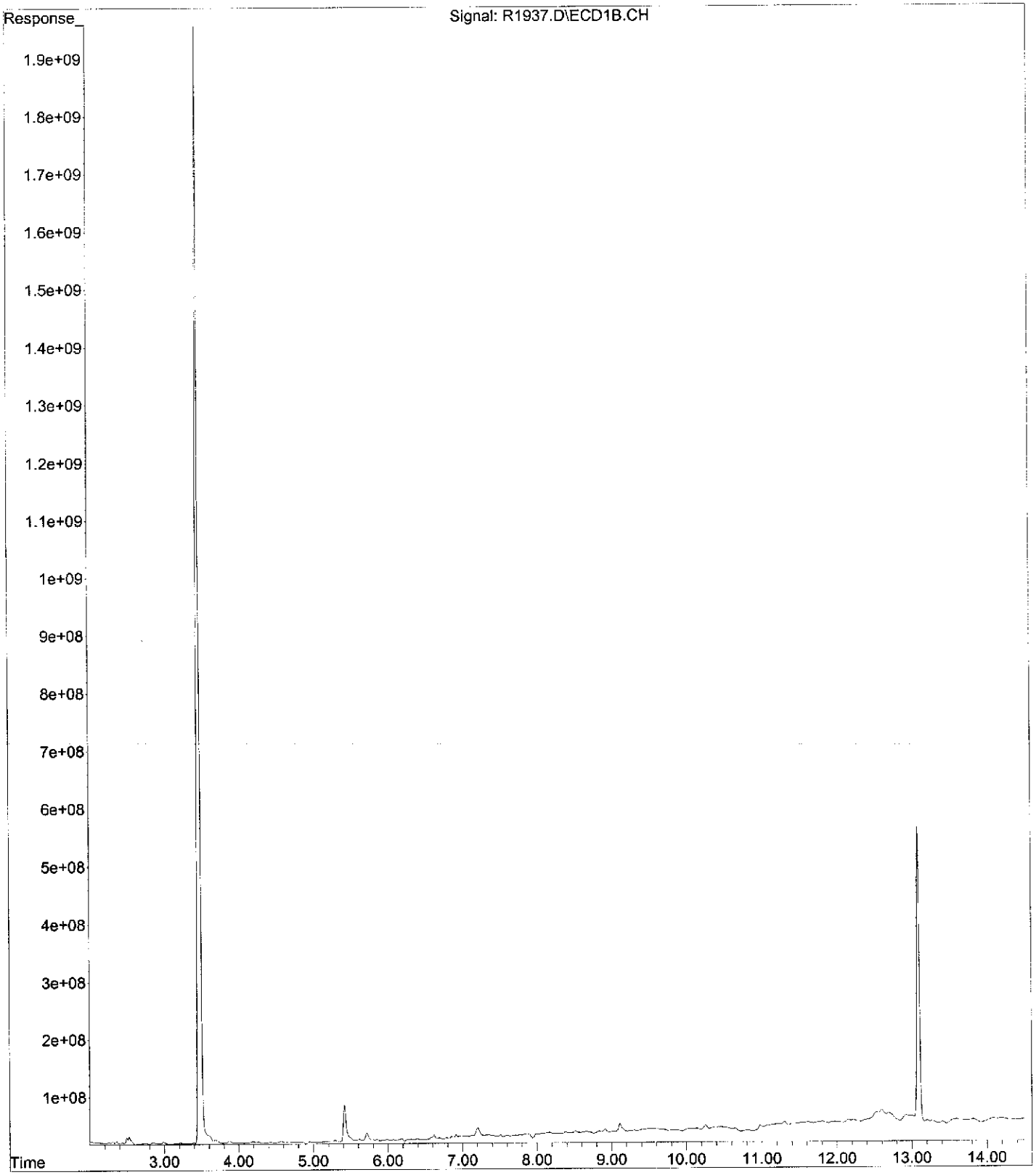
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 26 14:53:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0725.M
Quant Title :
QLast Update : Thu Jul 26 10:00:26 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





File :C:\MSDChem\1\DATA\07-25-12\R1937.D
Operator : YG
Acquired : 25 Jul 2012 21:11 using AcqMethod RPCB0725.M
Instrument : GC_R
Sample Name: K-37(4.0-6,06899-018,S,5.81g,36.7,07/19/12,4
Misc Info : 120719-09,07/11/12,07/11/12,1
Vial Number: 34



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-25-12\
Data File : R1938.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Jul 2012 21:29
Operator : YG
Sample : L-37(0-2.0,06899-019,S,5.73g,9.80,07/19/12,4
Misc : 120719-09,07/11/12,07/11/12,2
ALS Vial : 35 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 26 14:54:45 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0725.M
Quant Title :
QLast Update : Thu Jul 26 10:00:26 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.47	3.39	21403.5E6	16010.8E6	121.383	118.068
Spiked Amount 200.000			Recovery	=	60.69%	59.03%
2) S DCB	13.09	13.21	5207.8E6	3149.1E6	67.230m	90.781m#
Spiked Amount 200.000			Recovery	=	33.62%	45.39%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.30	5.71	5188.6E6	3442.7E6	606.647	672.553
24) L6 Aroclor-1248 {2}	5.85	6.31	4075.3E6	6749.4E6	859.757	958.346
25) L6 Aroclor-1248 {3}	6.19	6.72	4746.8E6	4894.9E6	896.237	945.182
26) L6 Aroclor-1248 {4}	6.91	6.88	10206.3E6	4297.5E6	1074.535	973.558
27) L6 Aroclor-1248 {5}	7.19	7.23	8329.6E6	2525.9E6	1020.350	1038.679
Sum Aroclor-1248			32546.5E6	21910.3E6	4457.526	4588.316
Average Aroclor-1248					891.505	917.663
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

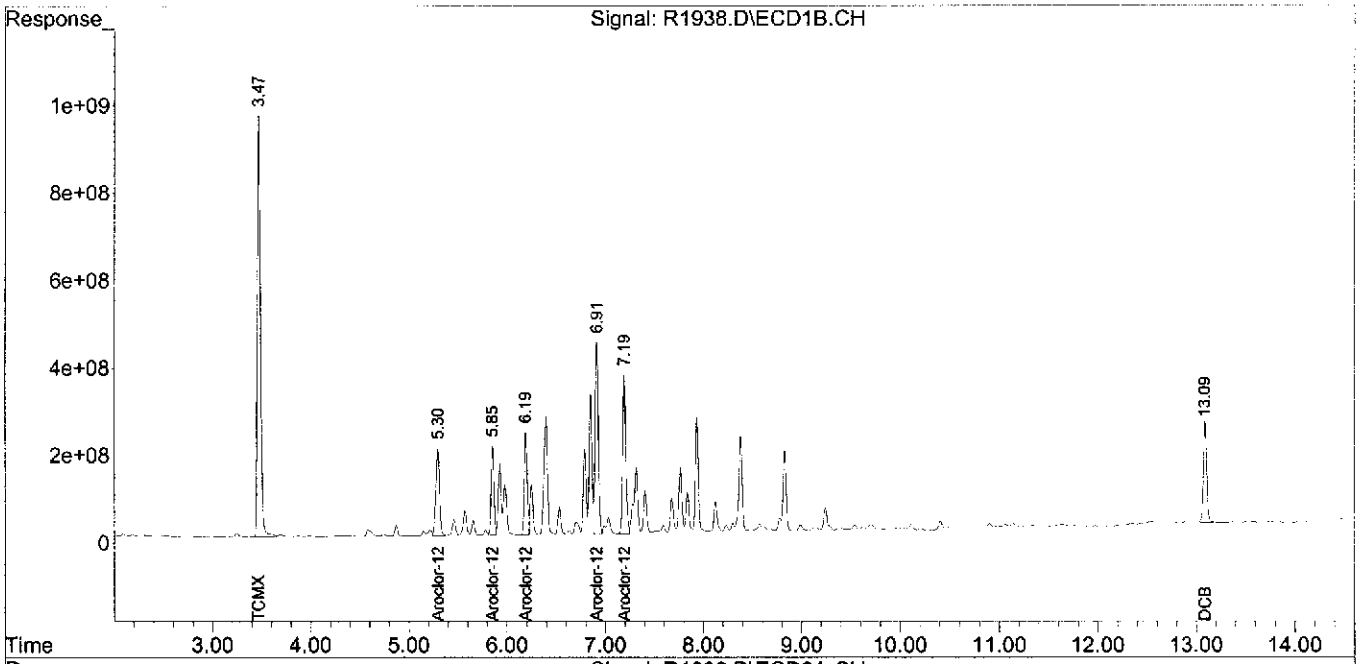
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

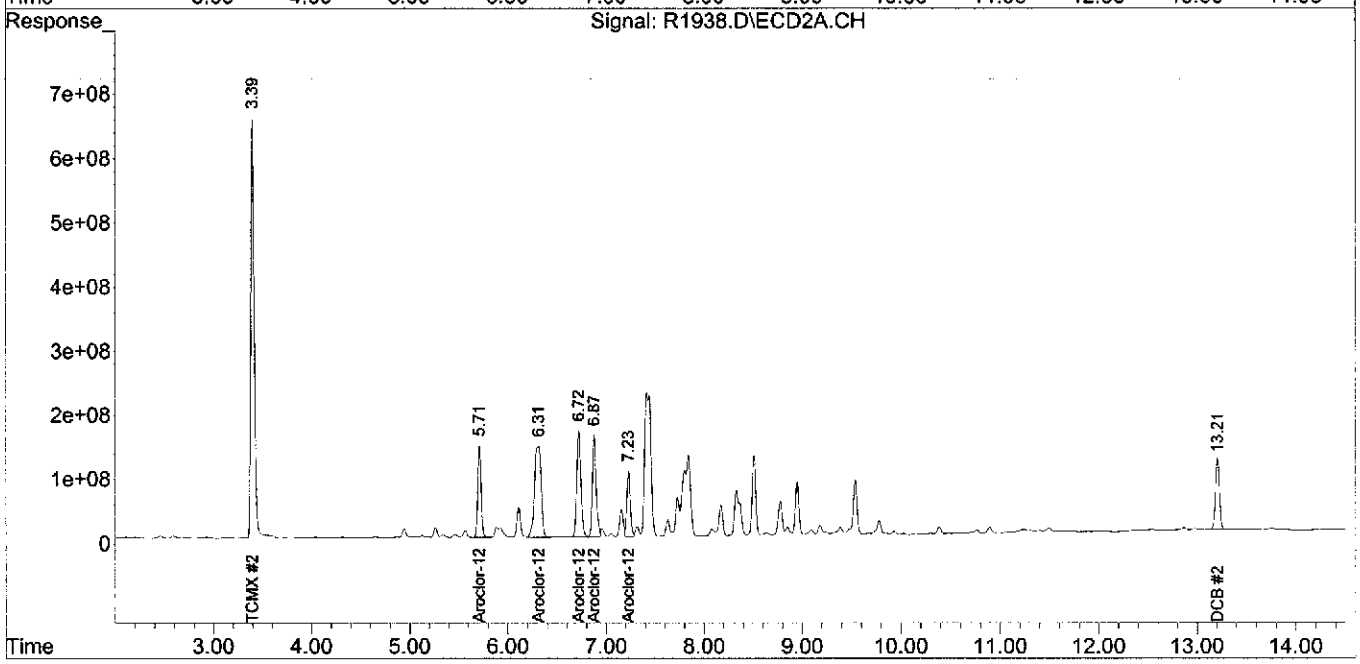
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-25-12\
Data File : R1938.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Jul 2012 21:29
Operator : YG
Sample : L-37(0-2.0,06899-019,S,5.73g,9.80,07/19/12,4
Misc : 120719-09,07/11/12,07/11/12,2
ALS Vial : 35 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 26 14:54:45 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0725.M
Quant Title :
QLast Update : Thu Jul 26 10:00:26 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-25-12\
Data File : R1939.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Jul 2012 21:46
Operator : YG
Sample : L-37(2.0-4,06899-020,S,5.44g,8.80,07/19/12,4
Misc : 120719-09,07/11/12,07/11/12,1
ALS Vial : 36 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 26 14:55:14 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0725.M
Quant Title :
QLast Update : Thu Jul 26 10:00:26 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.47	3.39	49962.0E6	39276.5E6	283.343	289.636
Spiked Amount 200.000			Recovery	=	141.67%	144.82%
2) S DCB	13.09	13.21	12421.5E6	8727.8E6	160.356m	251.599 #
Spiked Amount 200.000			Recovery	=	80.18%	125.80%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.29	5.71	7177.6E6	4890.0E6	839.197	955.289
24) L6 Aroclor-1248 {2}	5.85	6.30	4352.1E6	7049.0E6	918.159	1000.887
25) L6 Aroclor-1248 {3}	6.19	6.72	3456.0E6	5044.5E6	652.511	974.079 #
26) L6 Aroclor-1248 {4}	6.91	6.88	7349.0E6	4599.9E6	773.721	1042.081 #
27) L6 Aroclor-1248 {5}	7.19	7.22	6215.4E6	1643.0E6	761.369	675.651
Sum Aroclor-1248			28550.1E6	23226.5E6	3944.957	4647.987
Average Aroclor-1248					788.991	929.597
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

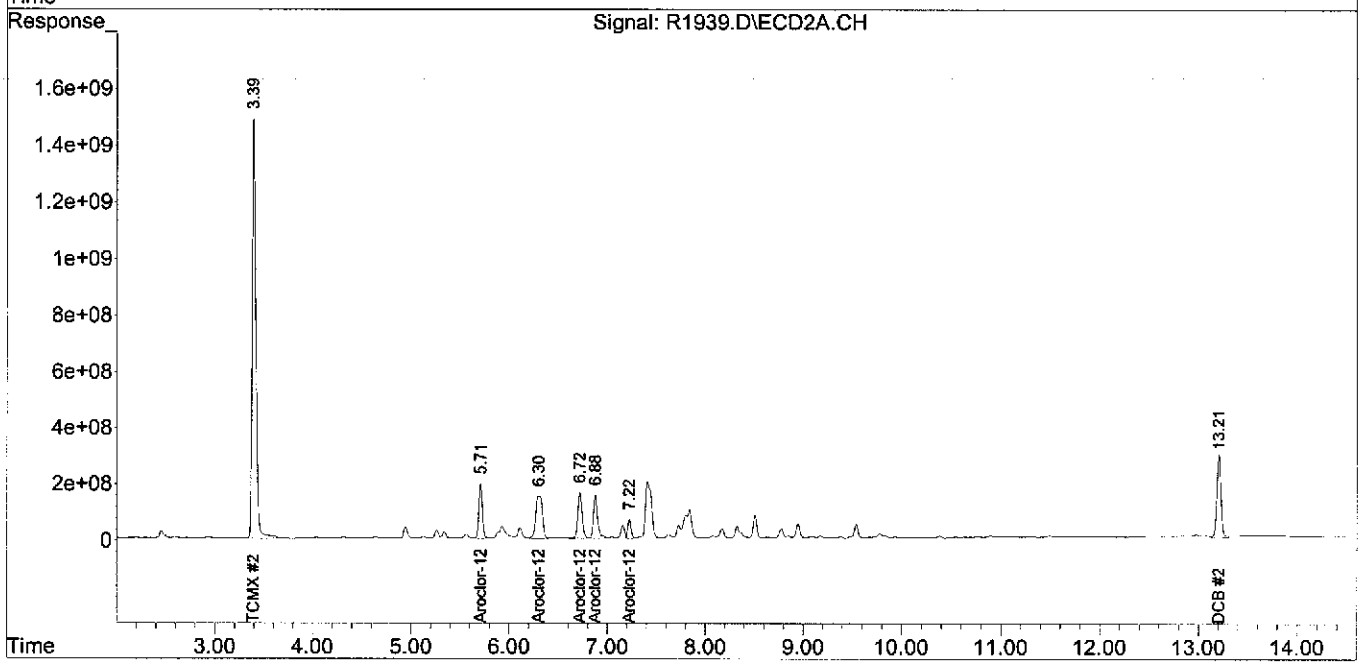
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

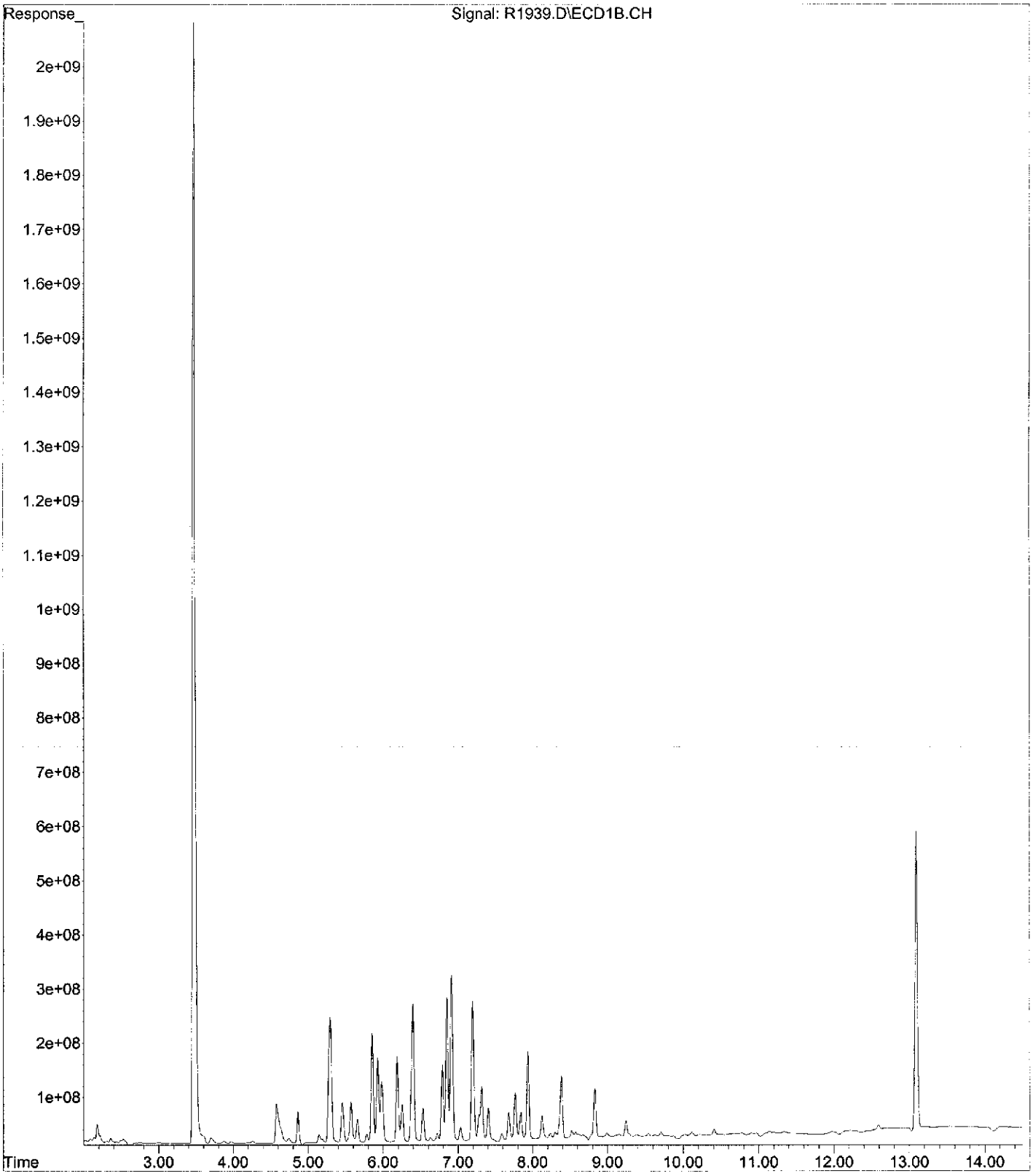
Data Path : C:\MSDCHEM\1\DATA\07-25-12\
Data File : R1939.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Jul 2012 21:46
Operator : YG
Sample : L-37(2.0-4,06899-020,S,5.44g,8.80,07/19/12,4
Misc : 120719-09,07/11/12,07/11/12,1
ALS Vial : 36 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 26 14:55:14 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0725.M
Quant Title :
QLast Update : Thu Jul 26 10:00:26 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



File :C:\MSDChem\1\DATA\07-25-12\R1939.D
Operator : YG
Acquired : 25 Jul 2012 21:46 using AcqMethod RPCB0725.M
Instrument : GC_R
Sample Name: L-37(2.0-4,06899-020,S,5.44g,8.80,07/19/12,4
Misc Info : 120719-09,07/11/12,07/11/12,1
Vial Number: 36



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-25-12\
Data File : R1940.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Jul 2012 22:04
Operator : YG
Sample : L-37(4.0-6,06899-021,S,5.55g,36.4,07/19/12,4
Misc : 120719-09,07/11/12,07/11/12,1
ALS Vial : 37 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 26 14:55:38 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0725.M
Quant Title :
QLast Update : Thu Jul 26 10:00:26 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.47	3.39	42781.5E6	35689.2E6	242.622	263.183
Spiked Amount 200.000			Recovery	=	121.31%	131.59%
2) S DCB	13.09	13.21	10669.6E6	8121.8E6	137.739	234.130 #
Spiked Amount 200.000			Recovery	=	68.87%	117.07%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

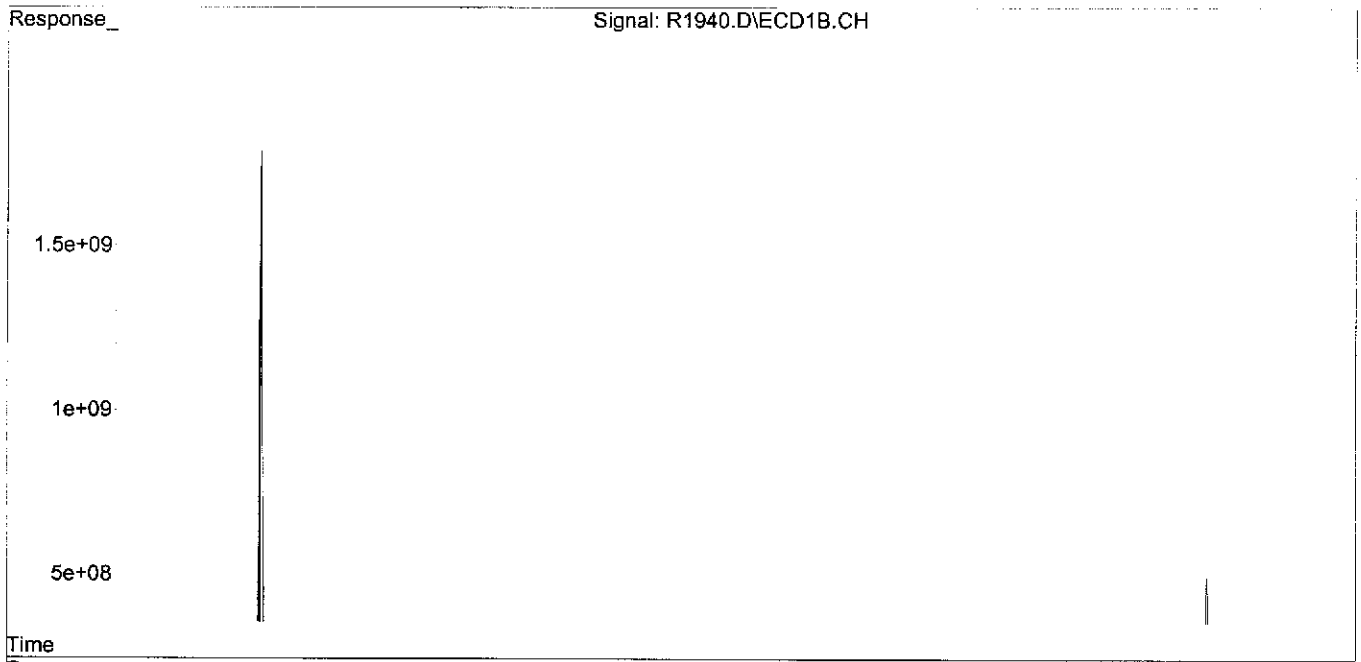
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

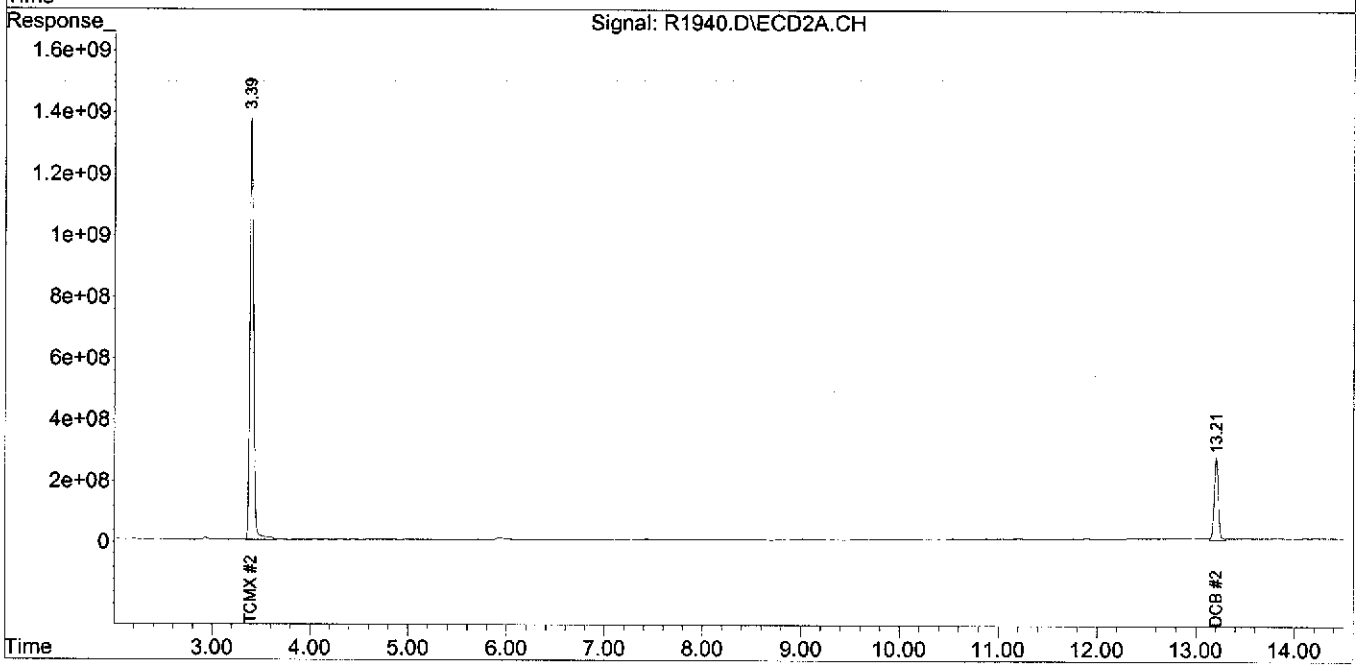
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-25-12\
Data File : R1940.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Jul 2012 22:04
Operator : YG
Sample : L-37(4.0-6,06899-021,S,5.55g,36.4,07/19/12,4
Misc : 120719-09,07/11/12,07/11/12,1
ALS Vial : 37 Sample Multiplier: 1

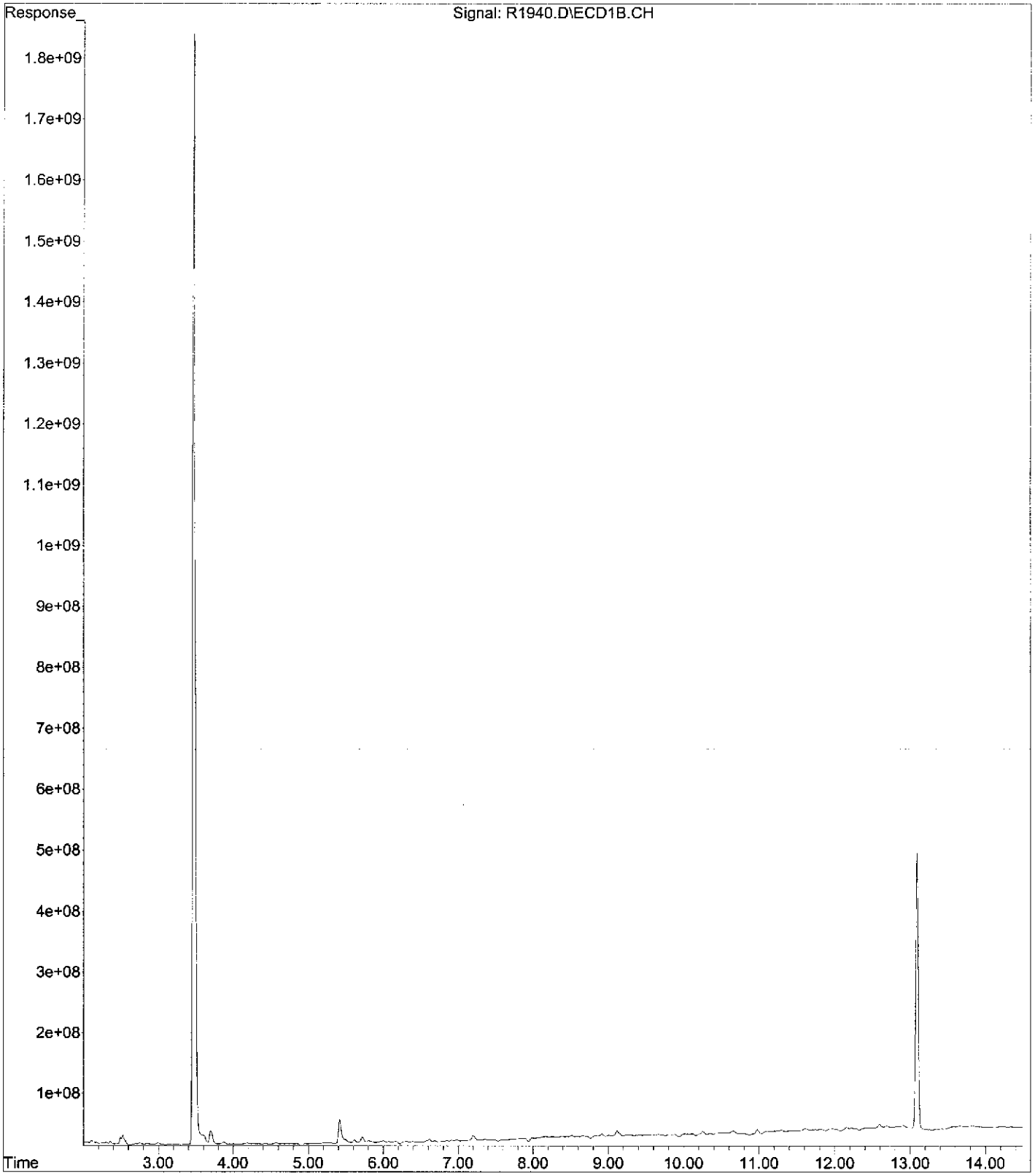
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 26 14:55:38 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0725.M
Quant Title :
QLast Update : Thu Jul 26 10:00:26 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





File :C:\MSDChem\1\DATA\07-25-12\R1940.D
Operator : YG
Acquired : 25 Jul 2012 22:04 using AcqMethod RPCB0725.M
Instrument : GC_R
Sample Name: L-37(4.0-6,06899-021,S,5.55g,36.4,07/19/12,4
Misc Info : 120719-09,07/11/12,07/11/12,1
Vial Number: 37



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-25-12\
Data File : R1941.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Jul 2012 22:21
Operator : YG
Sample : M-37(0-2.0,06899-022,S,5.85g,7.50,07/19/12,4
Misc : 120719-09,07/11/12,07/11/12,1
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 26 14:56:04 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0725.M
Quant Title :
QLast Update : Thu Jul 26 10:00:26 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.47	3.39	52359.6E6	41149.5E6	296.941	303.449
Spiked Amount 200.000			Recovery	=	148.47%	151.72%
2) S DCB	13.09	13.21	15155.3E6	9068.0E6	195.648	261.406 #
Spiked Amount 200.000			Recovery	=	97.82%	130.70%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.30	5.71	458.4E6	304.8E6	53.591	59.552
24) L6 Aroclor-1248 {2}	5.85	6.29	339.3E6	596.5E6	71.579	84.699
25) L6 Aroclor-1248 {3}	6.19	6.72	294.2E6	392.7E6	55.543	75.836 #
26) L6 Aroclor-1248 {4}	6.91	6.87	775.5E6	282.8E6	81.651	64.060
27) L6 Aroclor-1248 {5}	7.19	7.23	559.4E6	199.8E6	68.520	82.166
Sum Aroclor-1248			2426.7E6	1776.7E6	330.883	366.313
Average Aroclor-1248					66.177	73.263
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

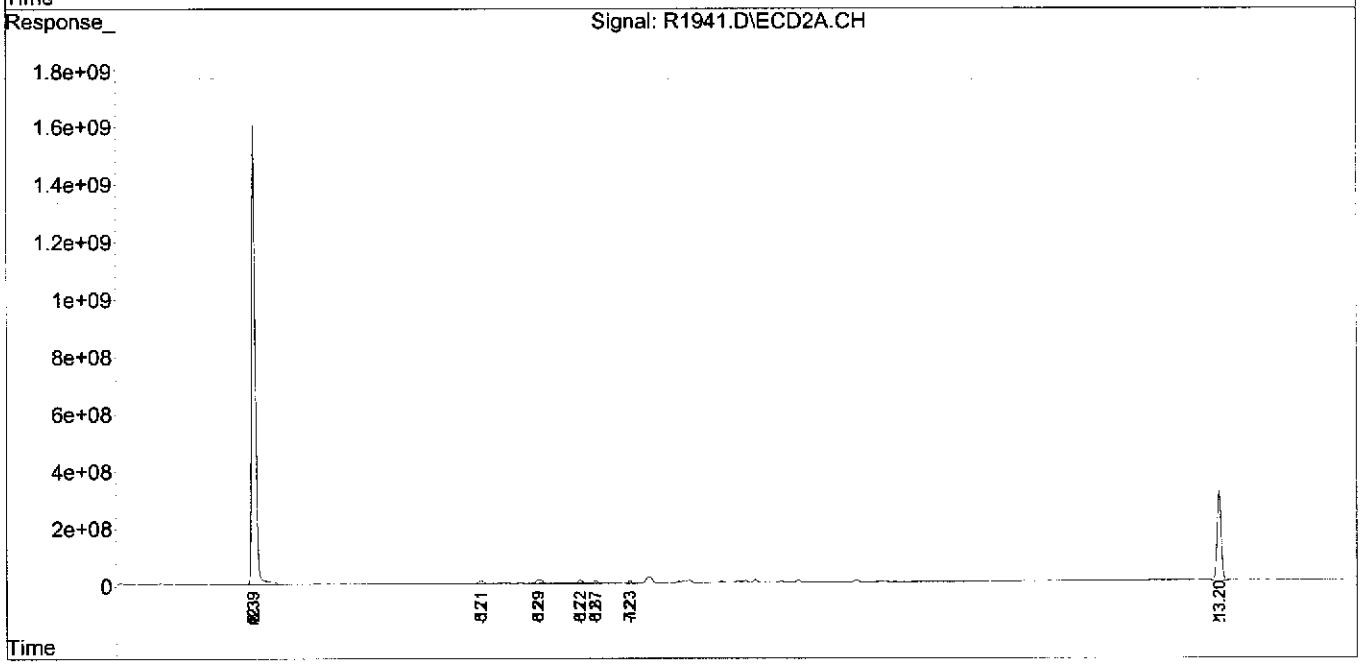
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

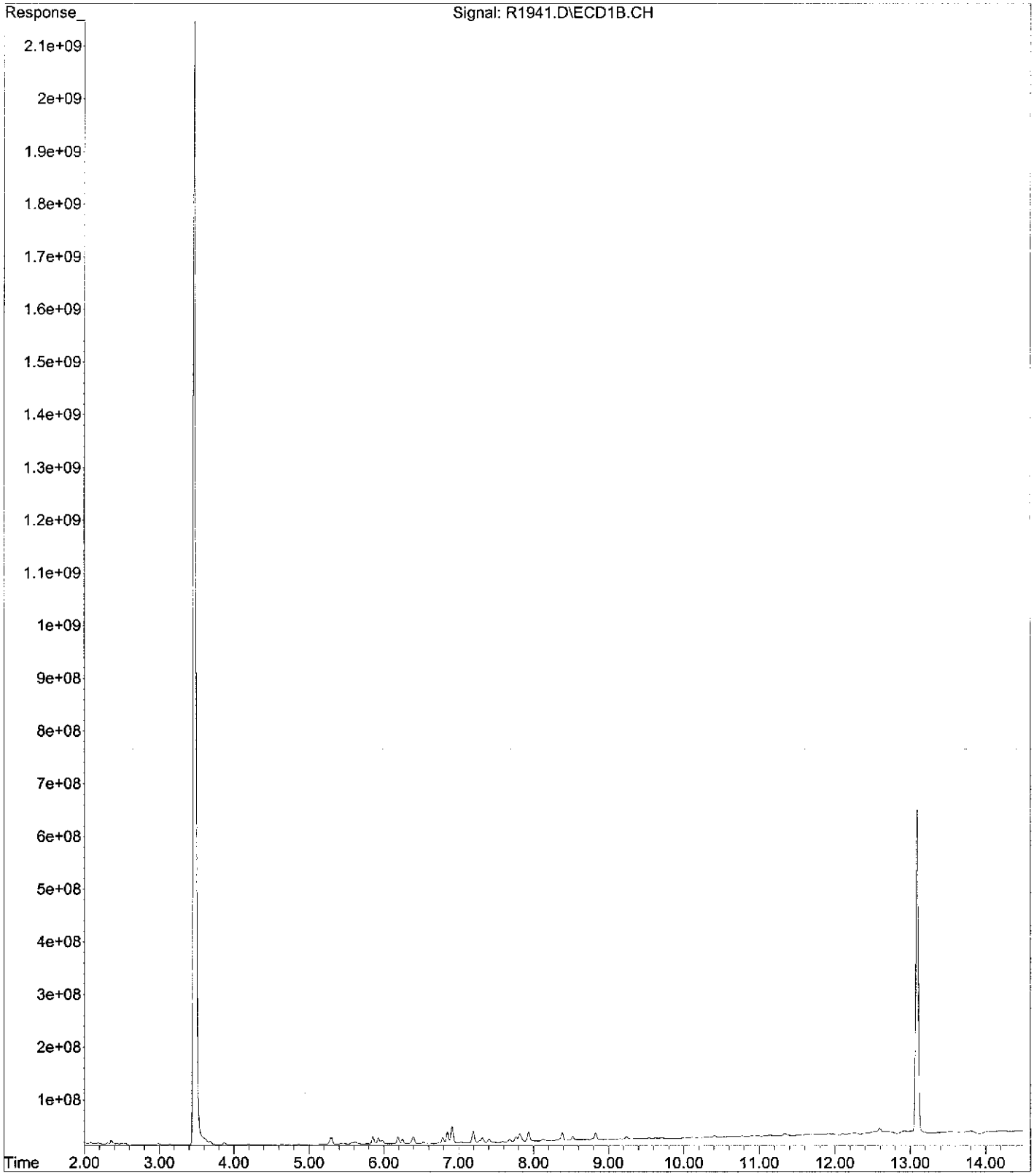
Data Path : C:\MSDCHEM\1\DATA\07-25-12\
Data File : R1941.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Jul 2012 22:21
Operator : YG
Sample : M-37(0-2.0,06899-022,S,5.85g,7.50,07/19/12,4
Misc : 120719-09,07/11/12,07/11/12,1
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 26 14:56:04 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0725.M
Quant Title :
QLast Update : Thu Jul 26 10:00:26 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

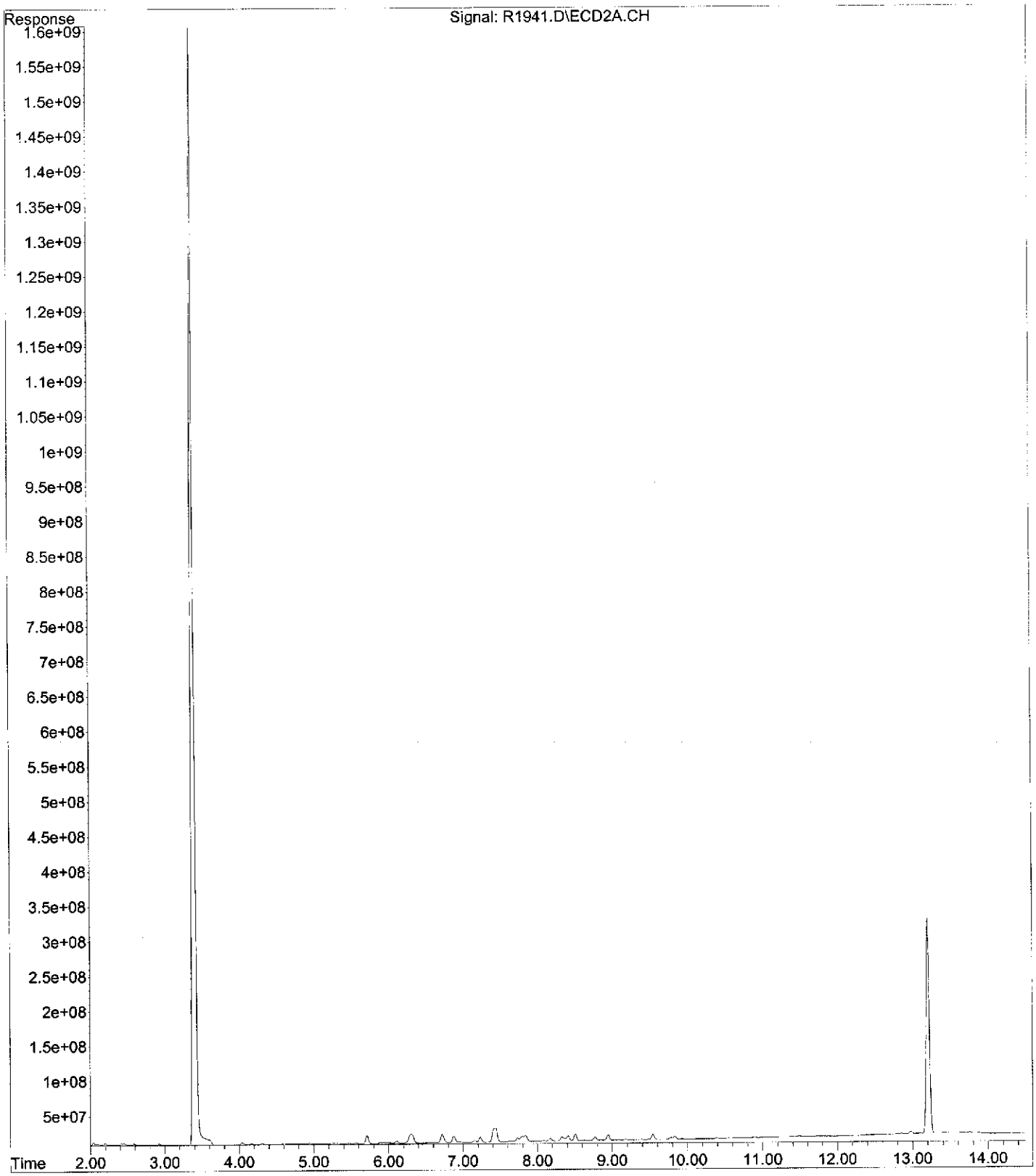
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



File :C:\MSDChem\1\DATA\07-25-12\R1941.D
Operator : YG
Acquired : 25 Jul 2012 22:21 using AcqMethod RPCB0725.M
Instrument : GC_R
Sample Name: M-37(0-2.0,06899-022,S,5.85g,7.50,07/19/12,4
Misc Info : 120719-09,07/11/12,07/11/12,1
Vial Number: 38



File :C:\MSDChem\1\DATA\07-25-12\R1941.D
Operator : YG
Acquired : 25 Jul 2012 22:21 using AcqMethod RPCB0725.M
Instrument : GC_R
Sample Name: M-37(0-2.0,06899-022,S,5.85g,7.50,07/19/12,4
Misc Info : 120719-09,07/11/12,07/11/12,1
Vial Number: 38



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-25-12\
Data File : R1942.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Jul 2012 22:39
Operator : YG
Sample : M-37(2.0-4,06899-023,S,5.49g,9.40,07/19/12,4
Misc : 120719-09,07/11/12,07/11/12,1
ALS Vial : 39 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 26 14:57:11 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0725.M
Quant Title :
QLast Update : Thu Jul 26 10:00:26 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.47	3.39	53844.2E6	30697.3E6	305.360	226.371m#
Spiked Amount 200.000			Recovery	=	152.68%	113.19%
2) S DCB	13.09	13.21	15321.7E6	9445.8E6	197.796m	272.296 #
Spiked Amount 200.000			Recovery	=	98.90%	136.15%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.29	5.71	1256.3E6	833.0E6	146.882	162.730
24) L6 Aroclor-1248 {2}	5.85	6.31	985.3E6	1705.1E6	207.859	242.108
25) L6 Aroclor-1248 {3}	6.19	6.72	984.2E6	1274.8E6	185.832	246.159 #
26) L6 Aroclor-1248 {4}	6.91	6.87	2220.7E6	1074.6E6	233.800	243.452
27) L6 Aroclor-1248 {5}	7.19	7.23	1943.7E6	622.2E6	238.101	255.869
Sum Aroclor-1248			7390.2E6	5509.8E6	1012.474	1150.318
Average Aroclor-1248					202.495	230.064
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

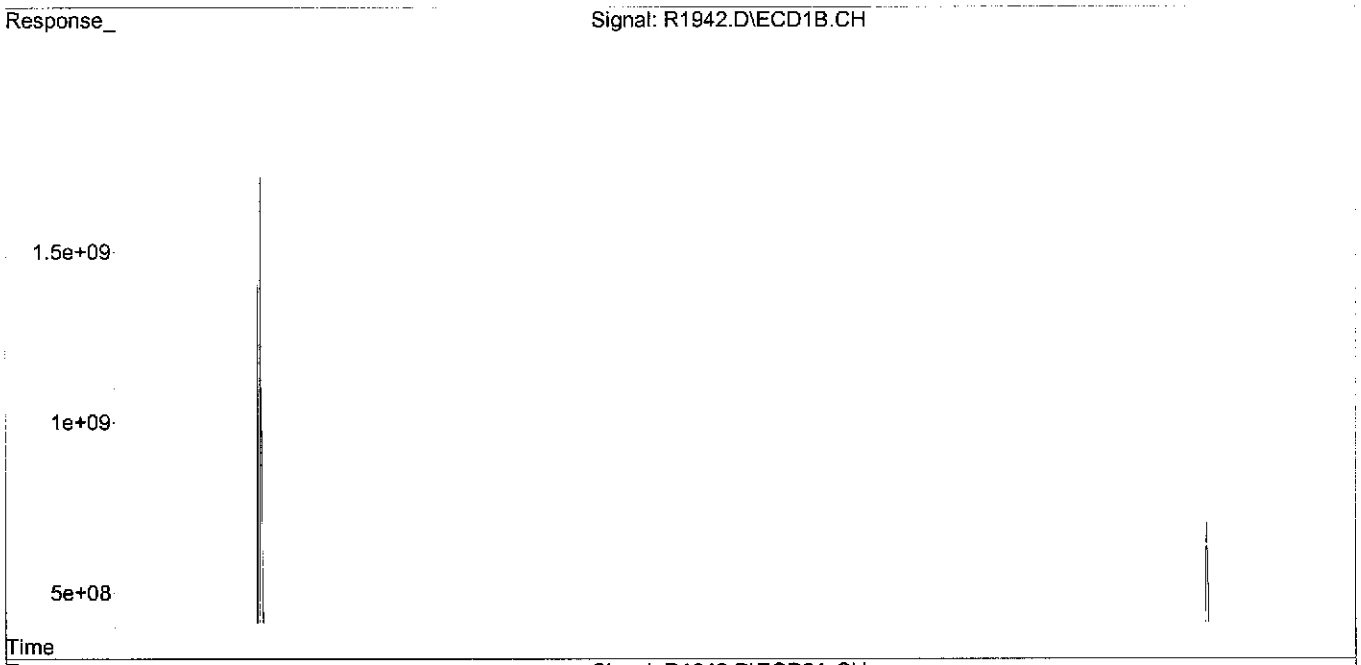
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

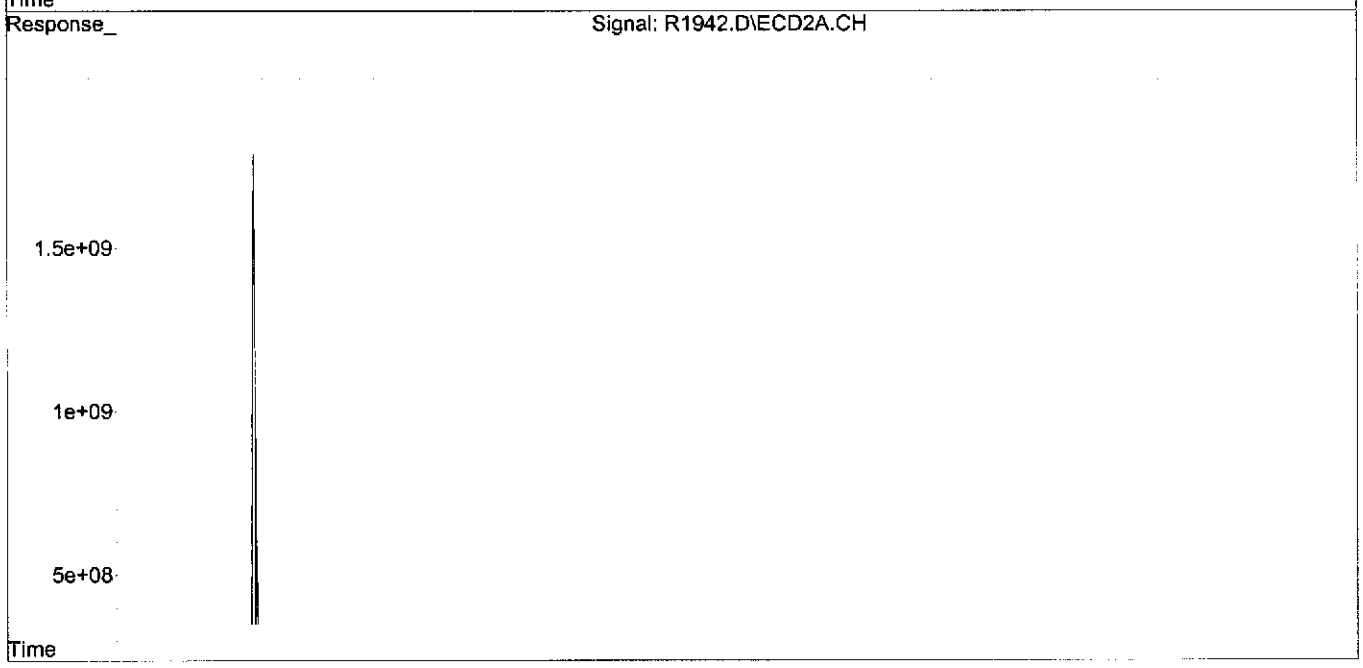
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-25-12\
Data File : R1942.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Jul 2012 22:39
Operator : YG
Sample : M-37(2.0-4,06899-023,S,5.49g,9.40,07/19/12,4
Misc : 120719-09,07/11/12,07/11/12,1
ALS Vial : 39 Sample Multiplier: 1

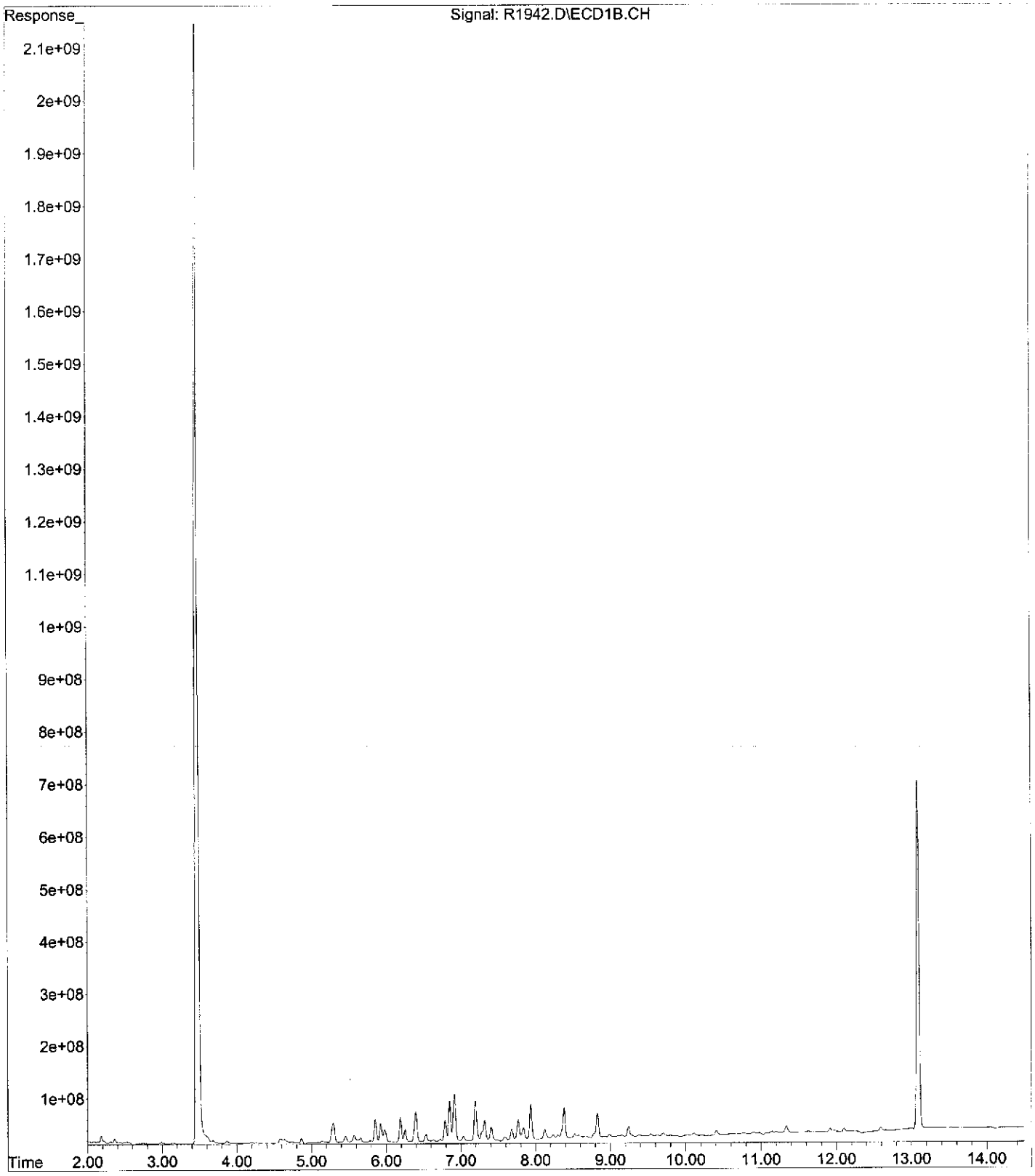
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 26 14:57:11 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0725.M
Quant Title :
QLast Update : Thu Jul 26 10:00:26 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

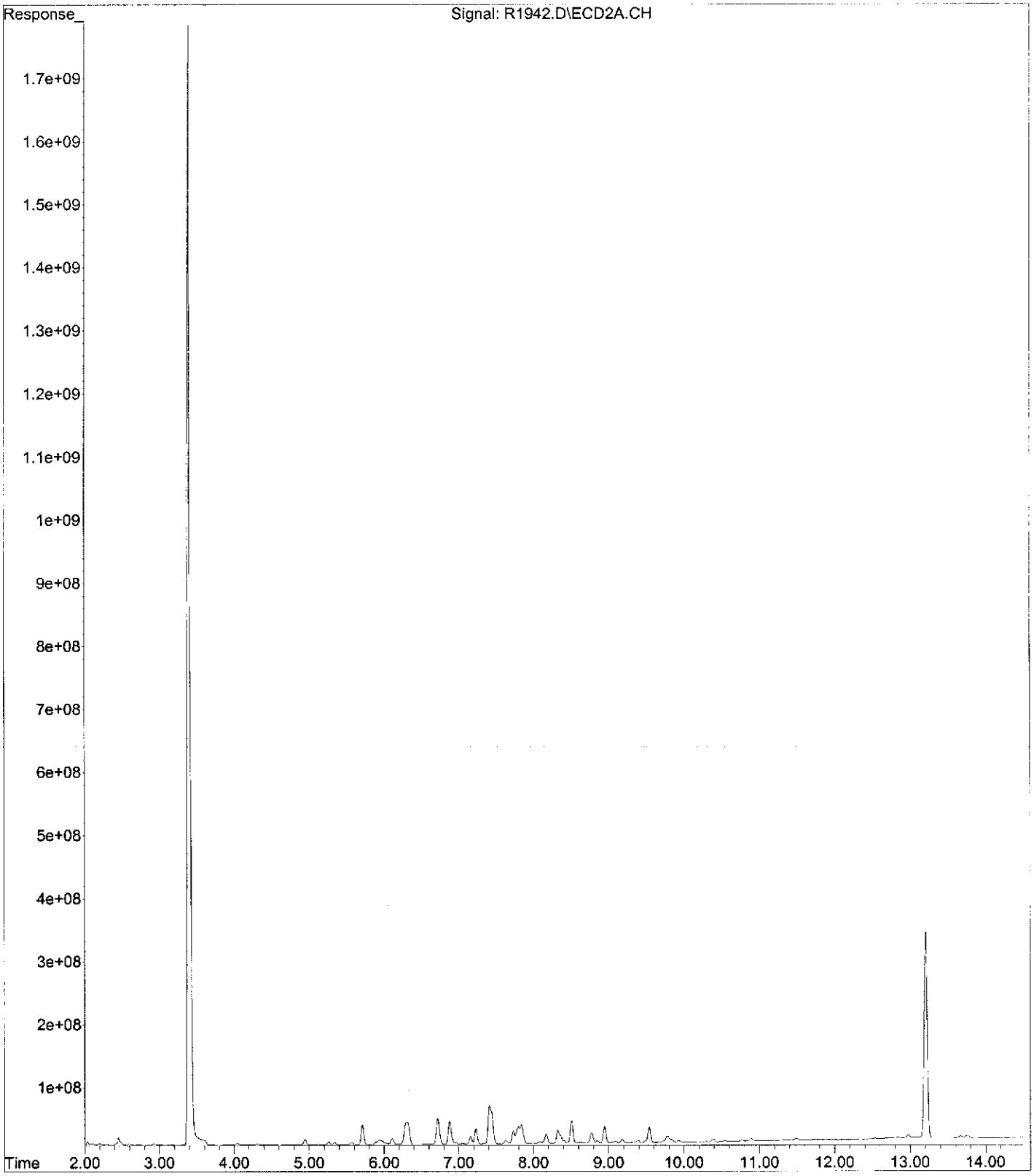




File :C:\MSDChem\1\DATA\07-25-12\R1942.D
Operator : YG
Acquired : 25 Jul 2012 22:39 using AcqMethod RPCB0725.M
Instrument : GC_R
Sample Name: M-37(2.0-4,06899-023,S,5.49g,9.40,07/19/12,4
Misc Info : 120719-09,07/11/12,07/11/12,1
Vial Number: 39



File :C:\MSDChem\1\DATA\07-25-12\R1942.D
Operator : YG
Acquired : 25 Jul 2012 22:39 using AcqMethod RPCB0725.M
Instrument : GC_R
Sample Name: M-37(2.0-4,06899-023,S,5.49g,9.40,07/19/12,4
Misc Info : 120719-09,07/11/12,07/11/12,1
Vial Number: 39



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-25-12\
Data File : R1943.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Jul 2012 22:56
Operator : YG
Sample : M-37(4.0-6,06899-024,S,5.31g,20.4,07/19/12,4
Misc : 120719-09,07/11/12,07/11/12,1
ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 26 14:59:40 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0725.M
Quant Title :
QLast Update : Thu Jul 26 10:00:26 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.47	3.39	45802.3E6	37226.4E6	259.753	274.519
Spiked Amount 200.000			Recovery	=	129.88%	137.26%
2) S DCB	13.09	13.21	13696.6E6	8366.2E6	176.817m	241.173 #
Spiked Amount 200.000			Recovery	=	88.41%	120.59%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.29	5.71	391.7E6	188.8E6	45.799m	36.884
24) L6 Aroclor-1248 {2}	5.85	6.31	270.5E6	590.6E6	57.065m	83.864 #
25) L6 Aroclor-1248 {3}	6.19	6.72	188.1E6	376.8E6	35.515m	72.752 #
26) L6 Aroclor-1248 {4}	6.91	6.87	413.4E6	276.8E6	43.524m	62.702 #
27) L6 Aroclor-1248 {5}	7.19	7.23	438.0E6	308.9E6	53.658m	127.034 #
Sum Aroclor-1248			1701.7E6	1741.9E6	235.561	383.236
Average Aroclor-1248					47.112	76.647
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

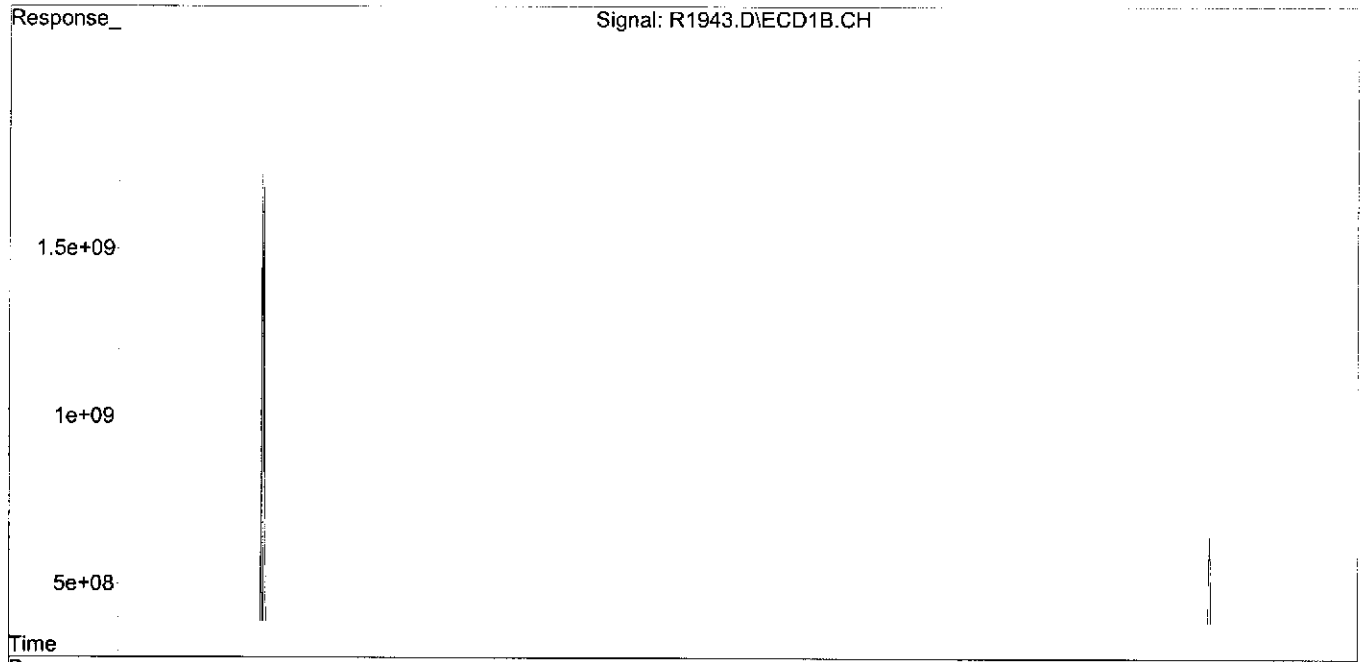
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

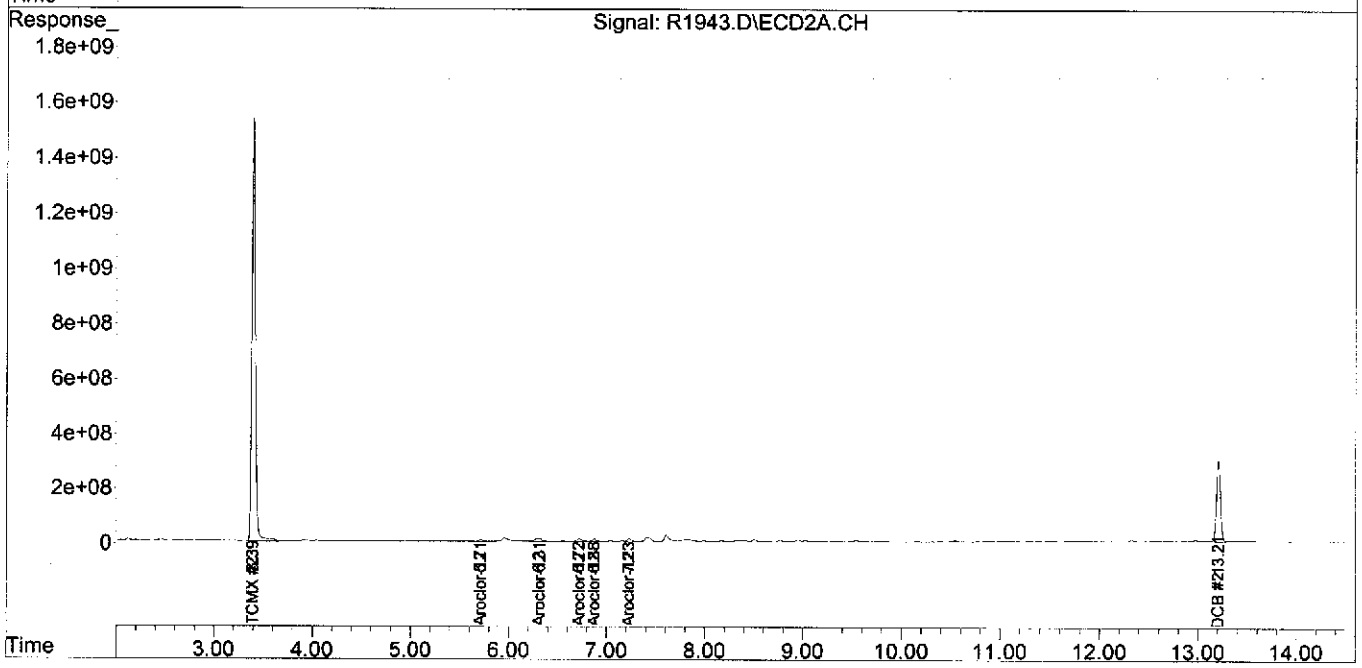
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-25-12\
Data File : R1943.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Jul 2012 22:56
Operator : YG
Sample : M-37(4.0-6,06899-024,S,5.31g,20.4,07/19/12,4
Misc : 120719-09,07/11/12,07/11/12,1
ALS Vial : 40 Sample Multiplier: 1

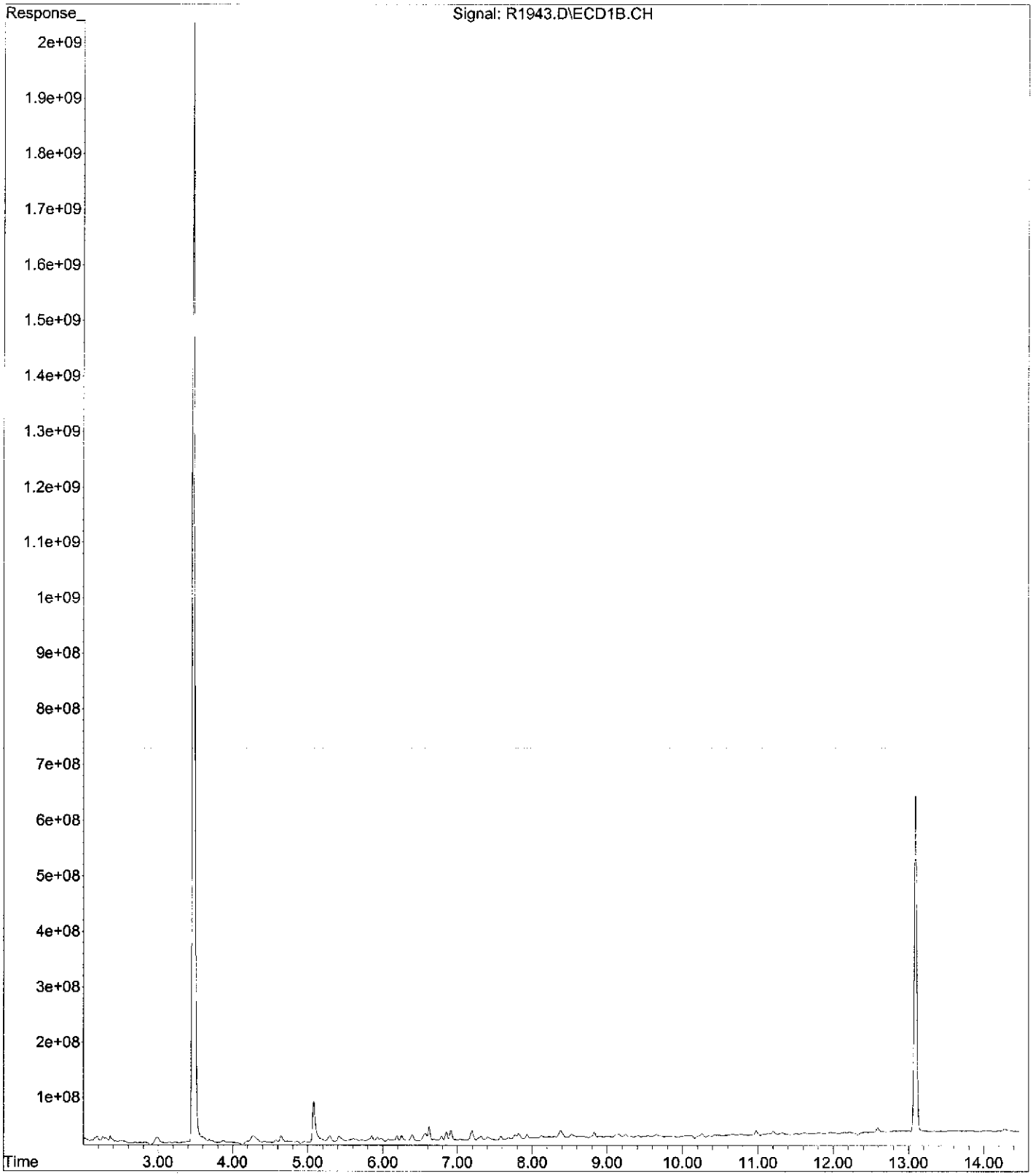
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 26 14:59:40 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0725.M
Quant Title :
QLast Update : Thu Jul 26 10:00:26 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





File :C:\MSDChem\1\DATA\07-25-12\R1943.D
Operator : YG
Acquired : 25 Jul 2012 22:56 using AcqMethod RPCB0725.M
Instrument : GC_R
Sample Name: M-37(4.0-6,06899-024,S,5.31g,20.4,07/19/12,4
Misc Info : 120719-09,07/11/12,07/11/12,1
Vial Number: 40



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-25-12\
Data File : R1944.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Jul 2012 23:13
Operator : YG
Sample : N-37(0-2.0,06899-025,S,5.30g,22.5,07/19/12,4
Misc : 120719-09,07/11/12,07/11/12,1
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 26 15:00:55 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0725.M
Quant Title :
QLast Update : Thu Jul 26 10:00:26 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.47	3.39	38893.6E6	31614.1E6	220.573	233.132
Spiked Amount 200.000			Recovery	=	110.29%	116.57%
2) S DCB	13.09	13.20	10665.4E6	7012.1E6	137.685m	202.139m#
Spiked Amount 200.000			Recovery	=	68.84%	101.07%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.29	5.71	2544.3E6	1691.7E6	297.478	330.491
24) L6 Aroclor-1248 {2}	5.85	6.32	1761.4E6	2969.2E6	371.609	421.598
25) L6 Aroclor-1248 {3}	6.18	6.72	1390.9E6	2175.0E6	262.609	419.977 #
26) L6 Aroclor-1248 {4}	6.91	6.87	4437.2E6	1697.0E6	467.157	384.436
27) L6 Aroclor-1248 {5}	7.19	7.23	3322.0E6	1690.2E6	406.941	695.042 #
Sum Aroclor-1248			13455.9E6	10223.1E6	1805.794	2251.544
Average Aroclor-1248					361.159	450.309
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

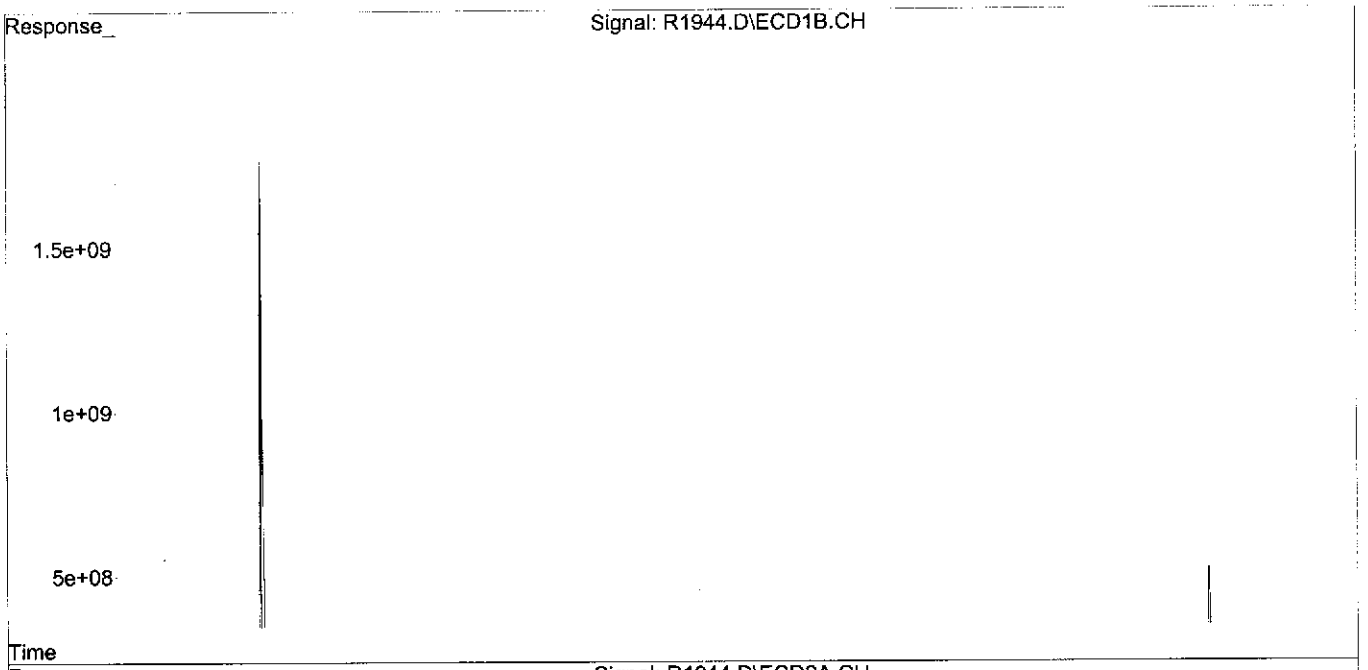
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

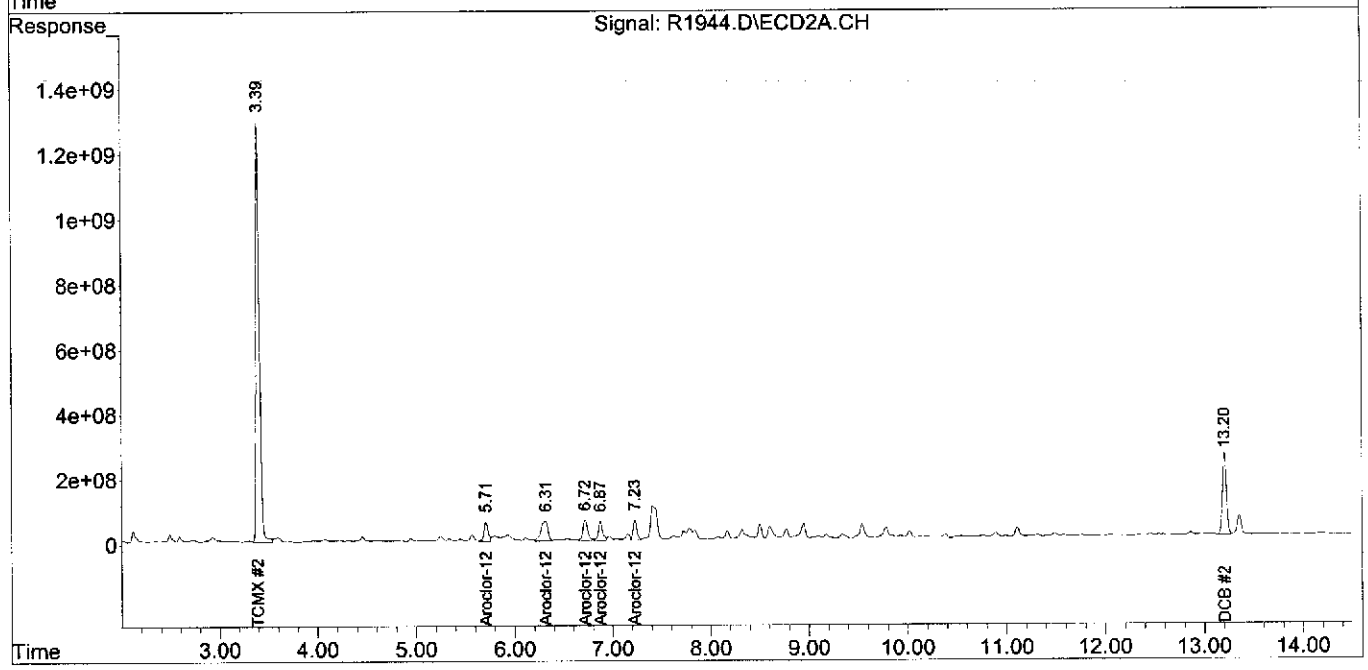
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-25-12\
Data File : R1944.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Jul 2012 23:13
Operator : YG
Sample : N-37(0-2.0,06899-025,S,5.30g,22.5,07/19/12,4
Misc : 120719-09,07/11/12,07/11/12,1
ALS Vial : 41 Sample Multiplier: 1

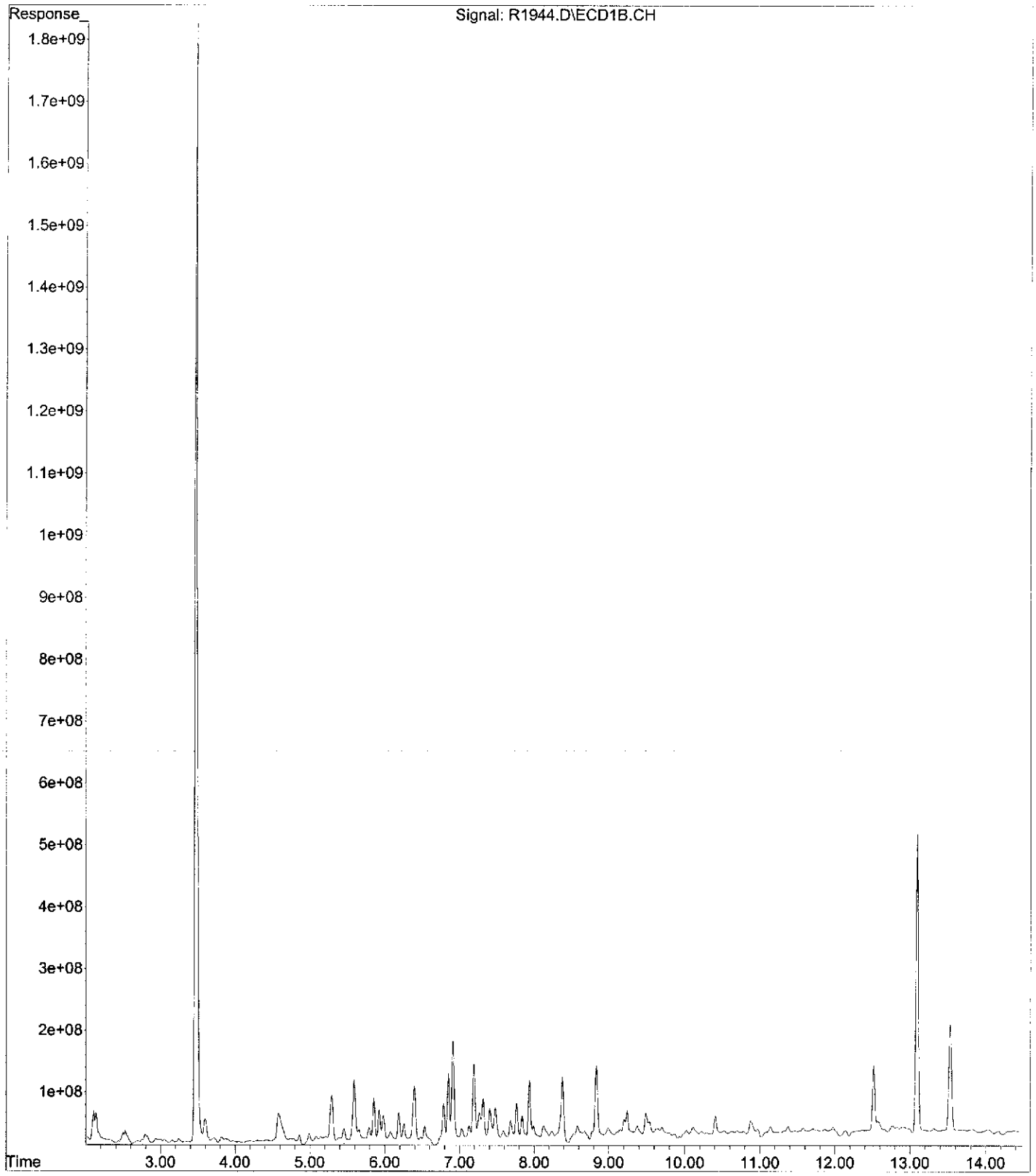
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 26 15:00:55 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0725.M
Quant Title :
QLast Update : Thu Jul 26 10:00:26 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





File :C:\MSDChem\1\DATA\07-25-12\R1944.D
Operator : YG
Acquired : 25 Jul 2012 23:13 using AcqMethod RPCB0725.M
Instrument : GC_R
Sample Name: N-37(0-2.0,06899-025,S,5.30g,22.5,07/19/12,4
Misc Info : 120719-09,07/11/12,07/11/12,1
Vial Number: 41



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-25-12\
Data File : R1945.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Jul 2012 23:31
Operator : YG
Sample : N-37(2.0-4,06899-026,S,5.59g,21.0,07/19/12,4
Misc : 120719-09,07/11/12,07/11/12,1
ALS Vial : 42 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 26 15:02:56 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0725.M
Quant Title :
QLast Update : Thu Jul 26 10:00:26 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.47	3.39	43589.6E6	35385.3E6	247.204	260.941
Spiked Amount 200.000			Recovery	=	123.60%	130.47%
2) S DCB	13.09	13.21	14149.3E6	8797.4E6	182.661m	253.605m#
Spiked Amount 200.000			Recovery	=	91.33%	126.80%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.29	5.71	4491.2E6	3043.3E6	525.104	594.535
24) L6 Aroclor-1248 {2}	5.85	6.31	2739.6E6	5170.9E6	577.968	734.210 #
25) L6 Aroclor-1248 {3}	6.19	6.72	3429.0E6	3796.7E6	647.422	733.123
26) L6 Aroclor-1248 {4}	6.91	6.87	7210.7E6	2125.0E6	759.157	481.392 #
27) L6 Aroclor-1248 {5}	7.19	7.23	3820.7E6	7886.2E6	468.021	3242.966 #
Sum Aroclor-1248			21691.1E6	22022.1E6	2977.671	5786.226
Average Aroclor-1248					595.534	1157.245
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.24	8.77	1868.9E6	1362.0E6	83.946m	280.539m#
34) L8 Aroclor-1260 {2}	9.93	9.18	921.7E6	1069.6E6	93.141m	190.378m#
35) L8 Aroclor-1260 {3}	10.41	10.39	2411.9E6	744.3E6	73.751m	176.292m#
36) L8 Aroclor-1260 {4}	10.87	10.89	2998.1E6	1063.9E6	210.767m	120.267m#
37) L8 Aroclor-1260 {5}	11.97	11.49	1125.2E6	790.0E6	170.115m	121.873m#
Sum Aroclor-1260			9325.8E6	5029.9E6	631.720	889.349
Average Aroclor-1260					126.344	177.870
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-25-12\
Data File : R1945.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Jul 2012 23:31
Operator : YG
Sample : N-37(2.0-4,06899-026,S,5.59g,21.0,07/19/12,4
Misc : 120719-09,07/11/12,07/11/12,1
ALS Vial : 42 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 26 15:02:56 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0725.M
Quant Title :
QLast Update : Thu Jul 26 10:00:26 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2

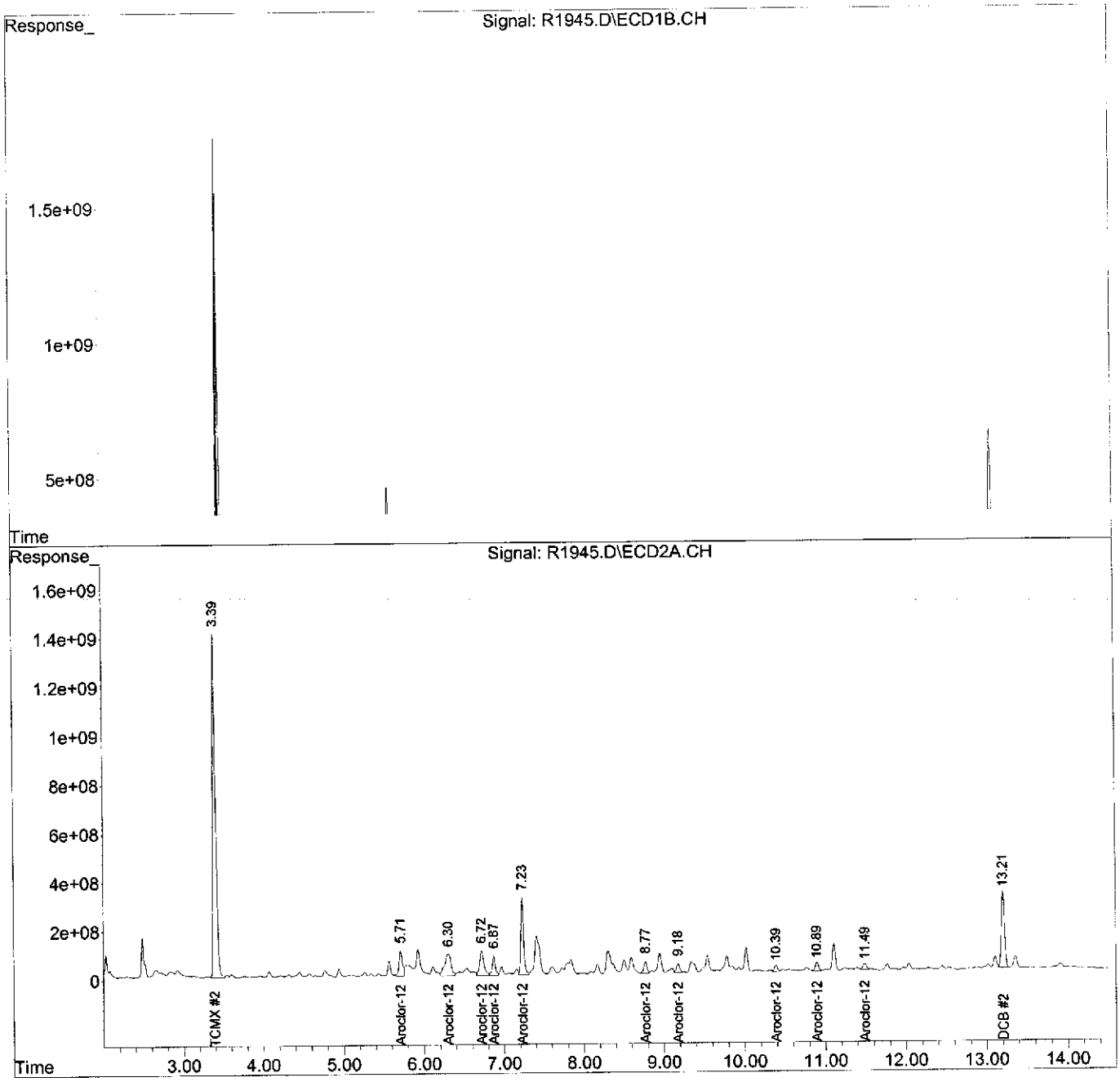
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

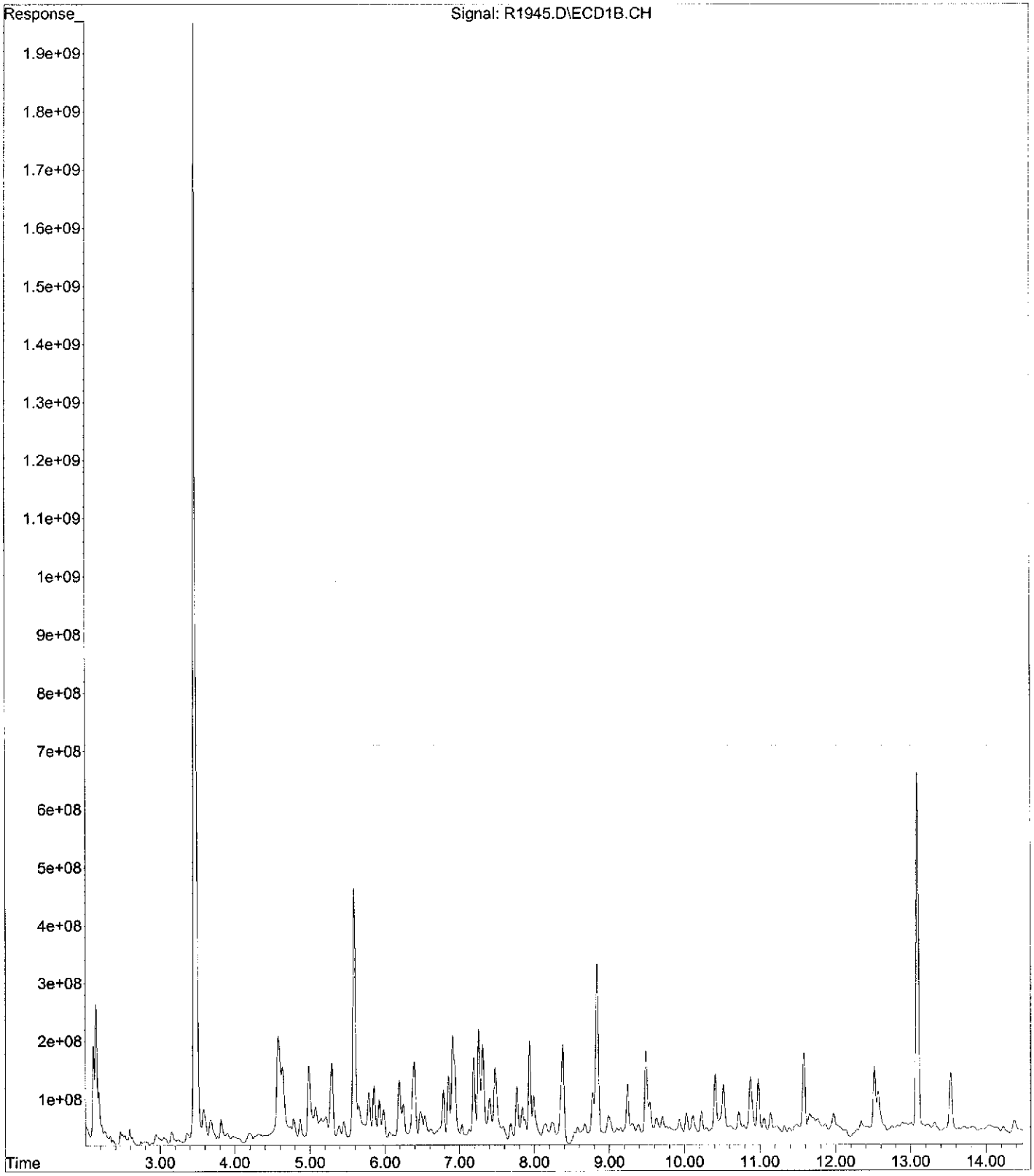
Data Path : C:\MSDCHEM\1\DATA\07-25-12\
Data File : R1945.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Jul 2012 23:31
Operator : YG
Sample : N-37(2.0-4,06899-026,S,5.59g,21.0,07/19/12,4
Misc : 120719-09,07/11/12,07/11/12,1
ALS Vial : 42 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 26 15:02:56 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0725.M
Quant Title :
QLast Update : Thu Jul 26 10:00:26 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



File :C:\MSDChem\1\DATA\07-25-12\R1945.D
Operator : YG
Acquired : 25 Jul 2012 23:31 using AcqMethod RPCB0725.M
Instrument : GC_R
Sample Name: N-37(2.0-4,06899-026,S,5.59g,21.0,07/19/12,4
Misc Info : 120719-09,07/11/12,07/11/12,1
Vial Number: 42



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-25-12\
Data File : R1946.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Jul 2012 23:48
Operator : YG
Sample : N-37(4.0-6,06899-027,S,5.65g,21.8,07/19/12,4
Misc : 120719-09,07/11/12,07/11/12,1
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 26 15:05:32 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0725.M
Quant Title :
QLast Update : Thu Jul 26 10:00:26 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.47	3.39	31201.0E6	25122.3E6	176.946	185.259
Spiked Amount 200.000			Recovery	=	88.47%	92.63%
2) S DCB	13.09	13.21	9517.9E6	5793.8E6	122.872m	167.018m#
Spiked Amount 200.000			Recovery	=	61.44%	83.51%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

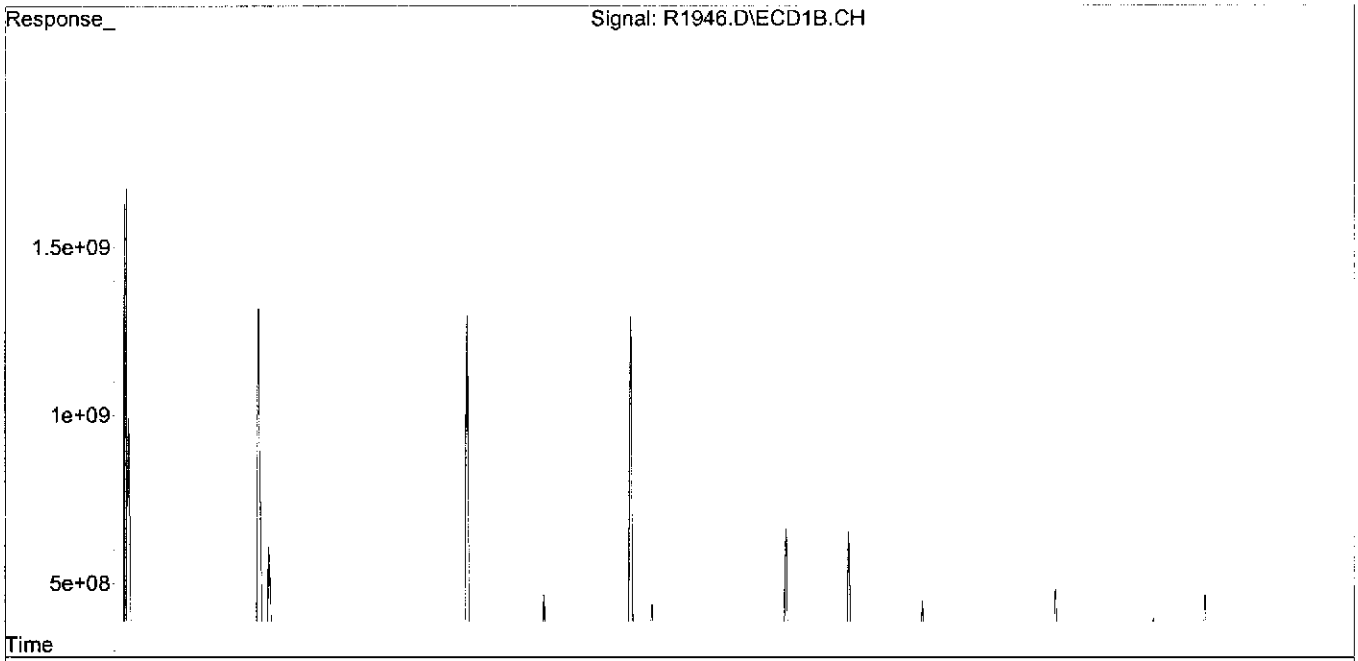
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

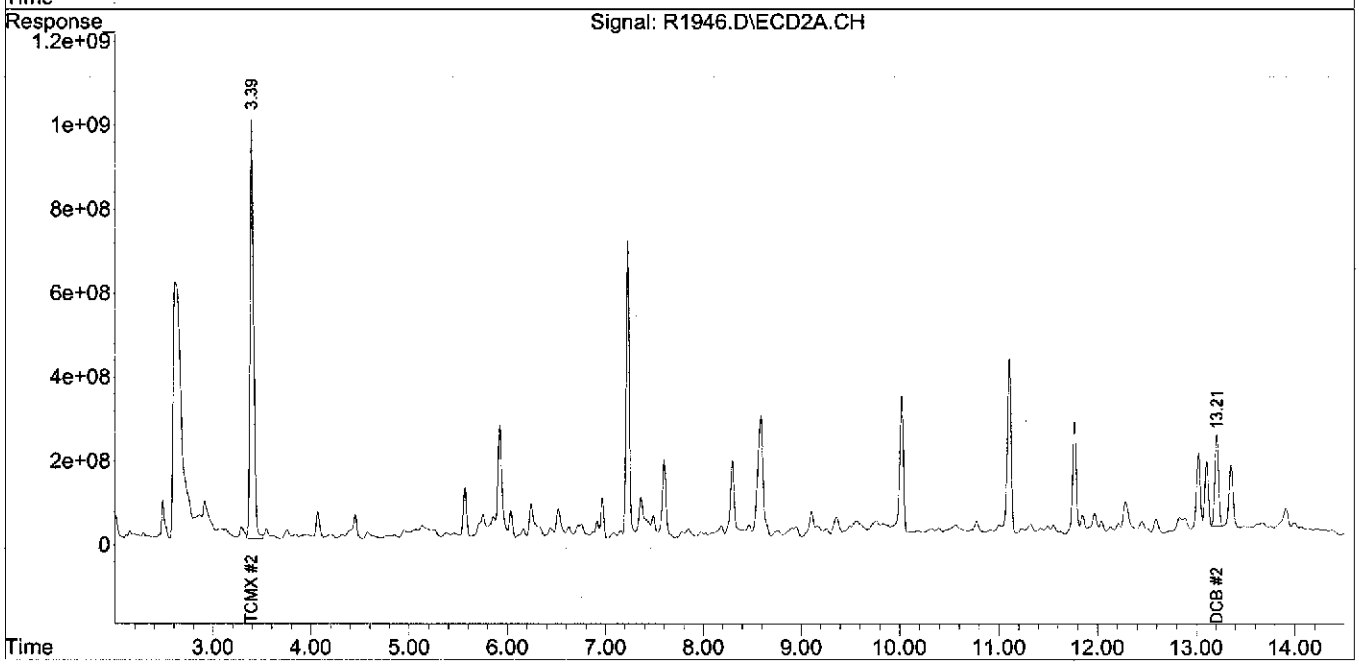
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-25-12\
Data File : R1946.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Jul 2012 23:48
Operator : YG
Sample : N-37(4.0-6,06899-027,S,5.65g,21.8,07/19/12,4
Misc : 120719-09,07/11/12,07/11/12,1
ALS Vial : 43 Sample Multiplier: 1

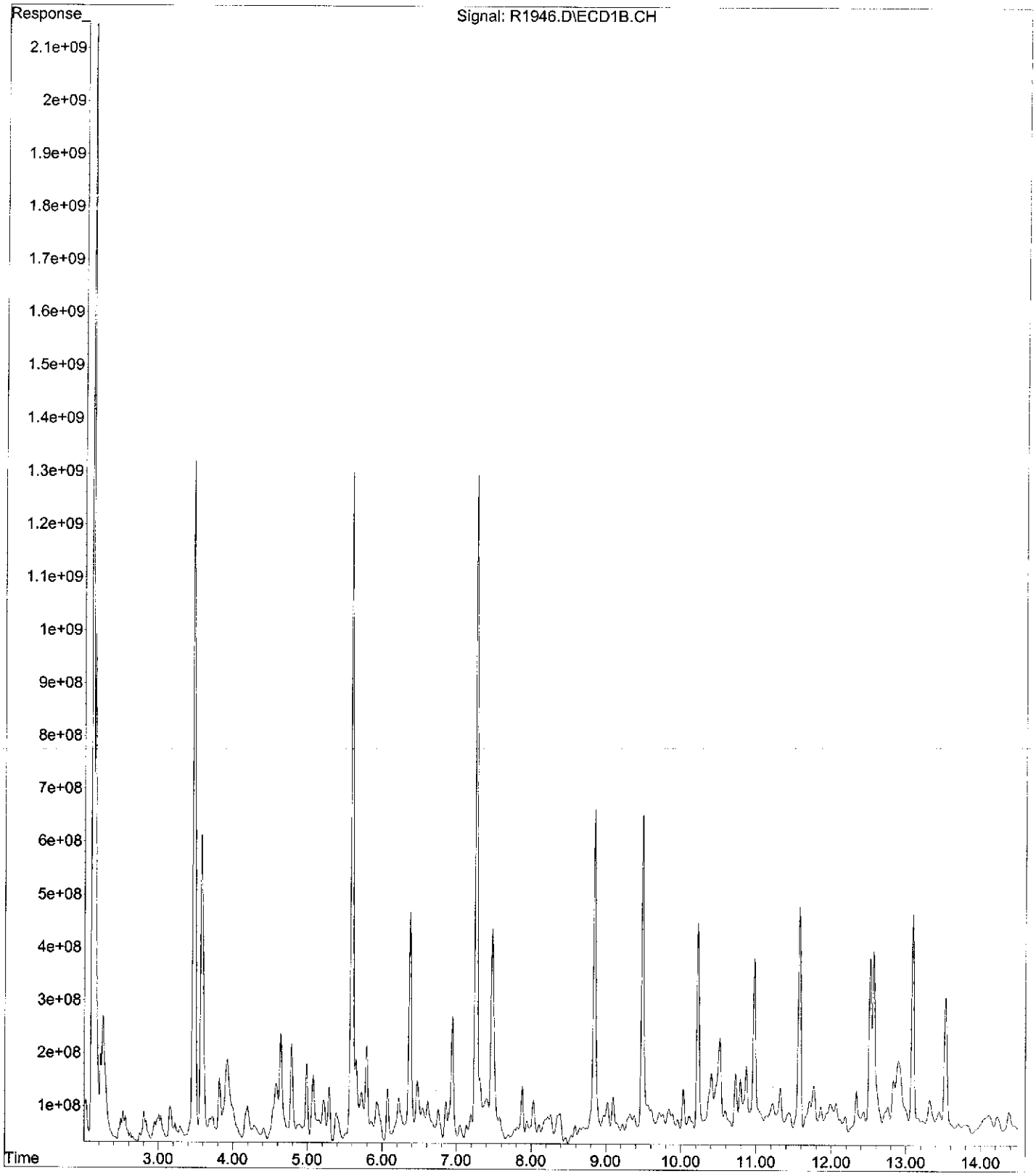
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 26 15:05:32 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0725.M
Quant Title :
QLast Update : Thu Jul 26 10:00:26 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





File :C:\MSDChem\1\DATA\07-25-12\R1946.D
Operator : YG
Acquired : 25 Jul 2012 23:48 using AcqMethod RPCB0725.M
Instrument : GC_R
Sample Name: N-37(4.0-6,06899-027,S,5.65g,21.8,07/19/12,4
Misc Info : 120719-09,07/11/12,07/11/12,1
Vial Number: 43



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-25-12\
Data File : R1947.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 26 Jul 2012 00:06
Operator : YG
Sample : L-36(0-2.0,06899-028,S,5.09g,7.50,07/19/12,4
Misc : 120719-09,07/11/12,07/11/12,1
ALS Vial : 44 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 26 16:12:12 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0725.M
Quant Title :
QLast Update : Thu Jul 26 10:00:26 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.47	3.39	48132.5E6	37446.3E6	272.968	276.140
Spiked Amount 200.000			Recovery	=	136.48%	138.07%
2) S DCB	13.09	13.21	13056.8E6	7305.7E6	168.557m	210.604m
Spiked Amount 200.000			Recovery	=	84.28%	105.30%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.29	5.71	814.7E6	714.6E6	95.253	139.609 #
24) L6 Aroclor-1248 {2}	5.85	6.31	791.5E6	1520.7E6	166.986	215.920 #
25) L6 Aroclor-1248 {3}	6.19	6.72	812.2E6	2122.7E6	153.352	409.879 #
26) L6 Aroclor-1248 {4}	6.91	6.87	2145.6E6	2249.5E6	225.897	509.603 #
27) L6 Aroclor-1248 {5}	7.19	7.23	1986.7E6	635.8E6	243.364	261.465
Sum Aroclor-1248			6550.7E6	7243.3E6	884.851	1536.476
Average Aroclor-1248					176.970	307.295
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

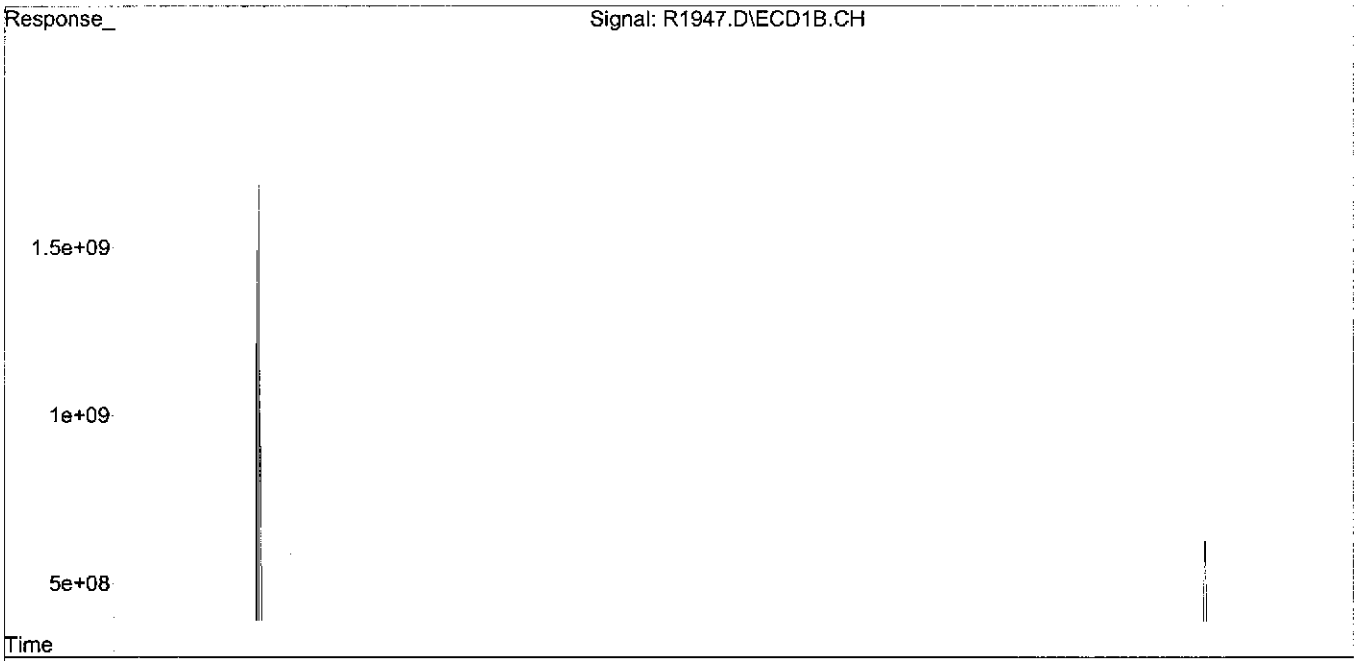
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

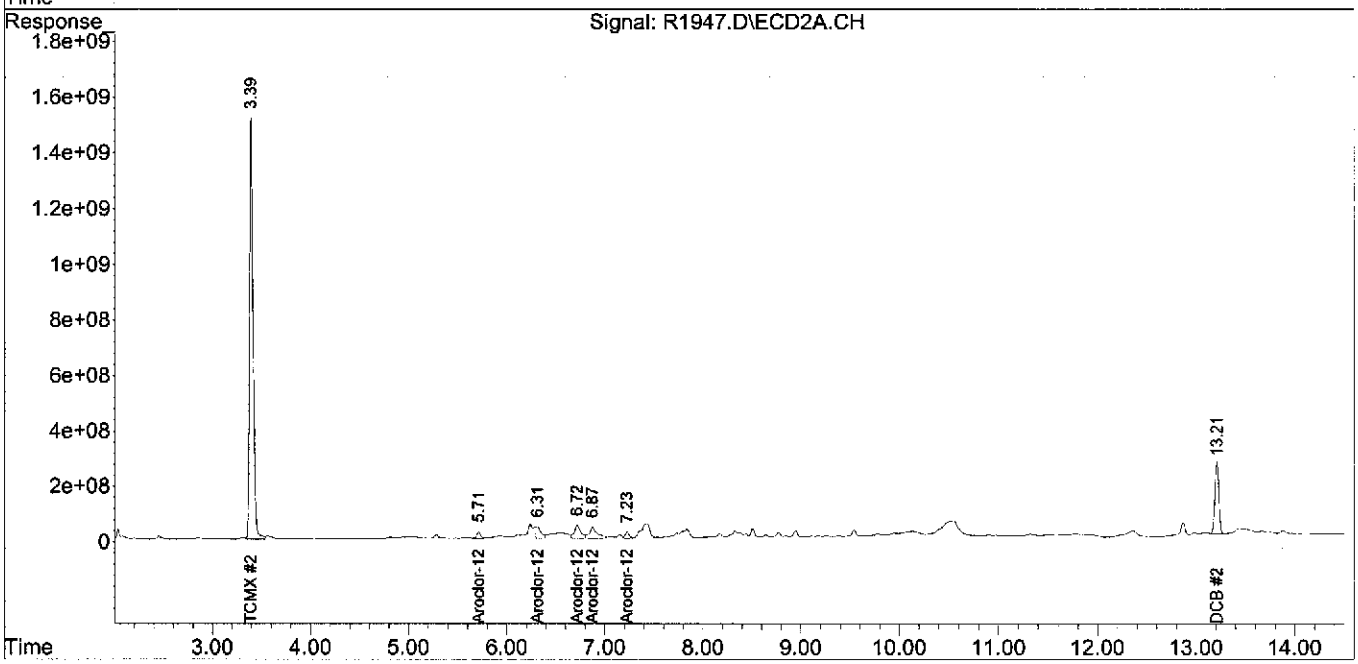
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-25-12\
Data File : R1947.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 26 Jul 2012 00:06
Operator : YG
Sample : L-36(0-2.0,06899-028,S,5.09g,7.50,07/19/12,4
Misc : 120719-09,07/11/12,07/11/12,1
ALS Vial : 44 Sample Multiplier: 1

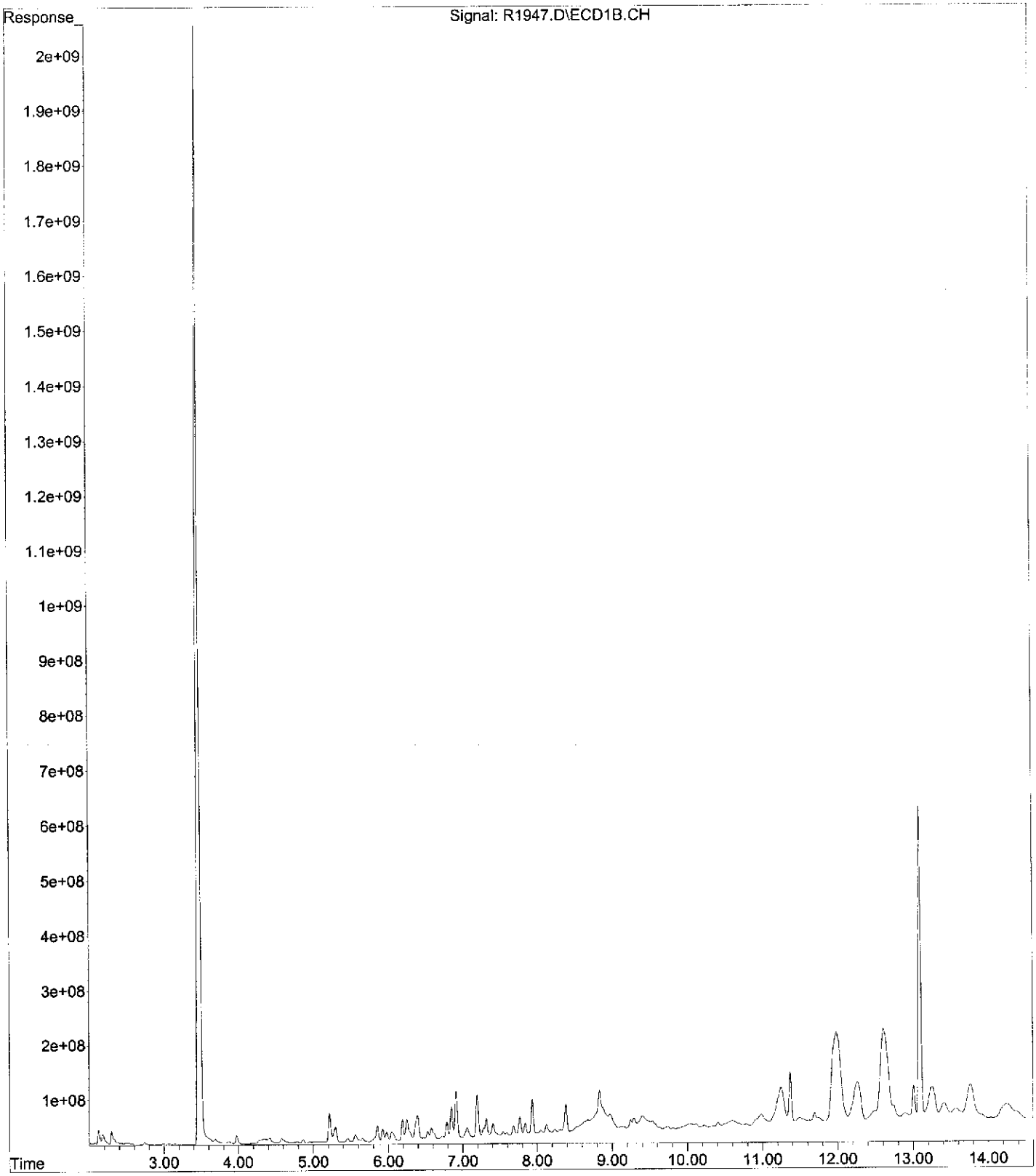
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 26 16:12:12 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0725.M
Quant Title :
QLast Update : Thu Jul 26 10:00:26 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





File :C:\MSDChem\1\DATA\07-25-12\R1947.D
Operator : YG
Acquired : 26 Jul 2012 00:06 using AcqMethod RPCB0725.M
Instrument : GC_R
Sample Name: L-36(0-2.0,06899-028,S,5.09g,7.50,07/19/12,4
Misc Info : 120719-09,07/11/12,07/11/12,1
Vial Number: 44



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-25-12\
Data File : R1948.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 26 Jul 2012 00:23
Operator : YG
Sample : L-36(2.0-4,06899-029,S,5.66g,10.7,07/19/12,4
Misc : 120719-09,07/11/12,07/11/12,1
ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 26 16:12:42 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0725.M
Quant Title :
QLast Update : Thu Jul 26 10:00:26 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.47	3.39	47618.4E6	40072.6E6	270.052	295.507
Spiked Amount 200.000			Recovery	=	135.03%	147.75%
2) S DCB	13.09	13.21	14936.3E6	8685.2E6	192.821	250.370 #
Spiked Amount 200.000			Recovery	=	96.41%	125.19%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.29	5.71	5152.2E6	3448.9E6	602.388	673.762
24) L6 Aroclor-1248 {2}	5.85	6.31	4012.3E6	6795.5E6	846.471	964.890
25) L6 Aroclor-1248 {3}	6.19	6.72	4405.2E6	5133.6E6	831.725	991.283
26) L6 Aroclor-1248 {4}	6.91	6.88	8732.0E6	4307.4E6	919.325	975.812
27) L6 Aroclor-1248 {5}	7.19	7.23	7232.0E6	2487.7E6	885.901	1023.001
Sum Aroclor-1248			29533.6E6	22173.2E6	4085.810	4628.749
Average Aroclor-1248					817.162	925.750
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

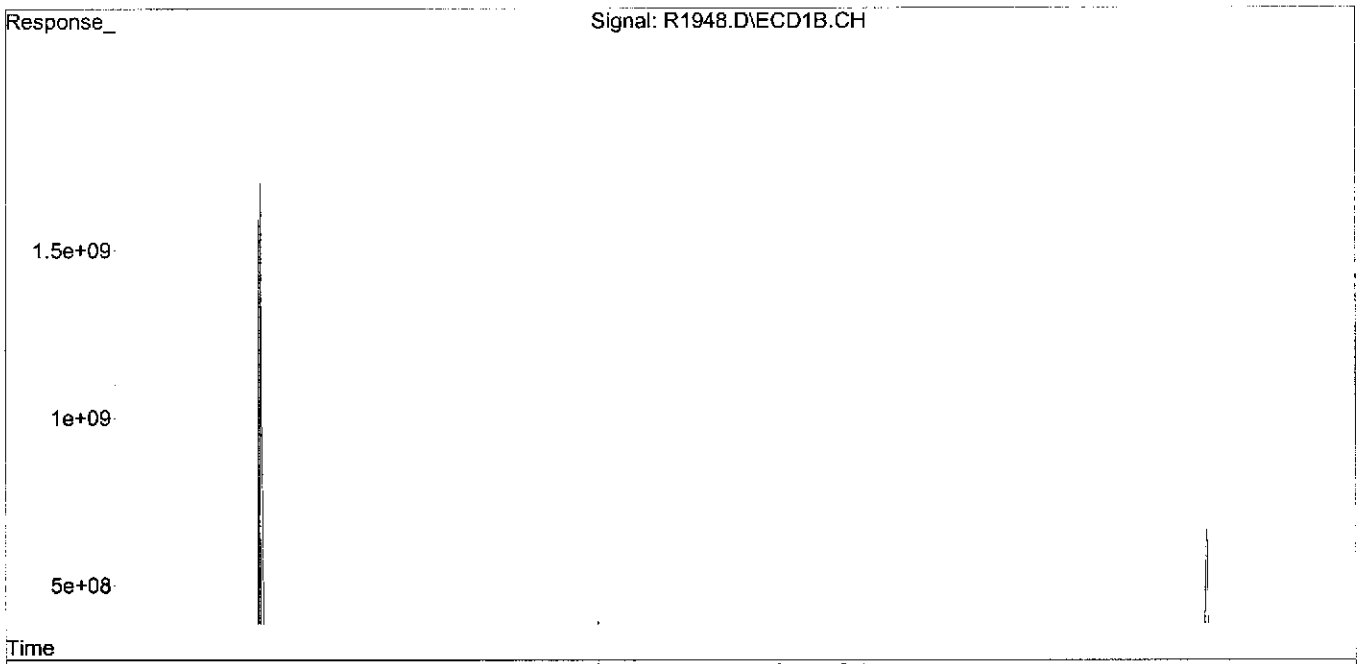
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

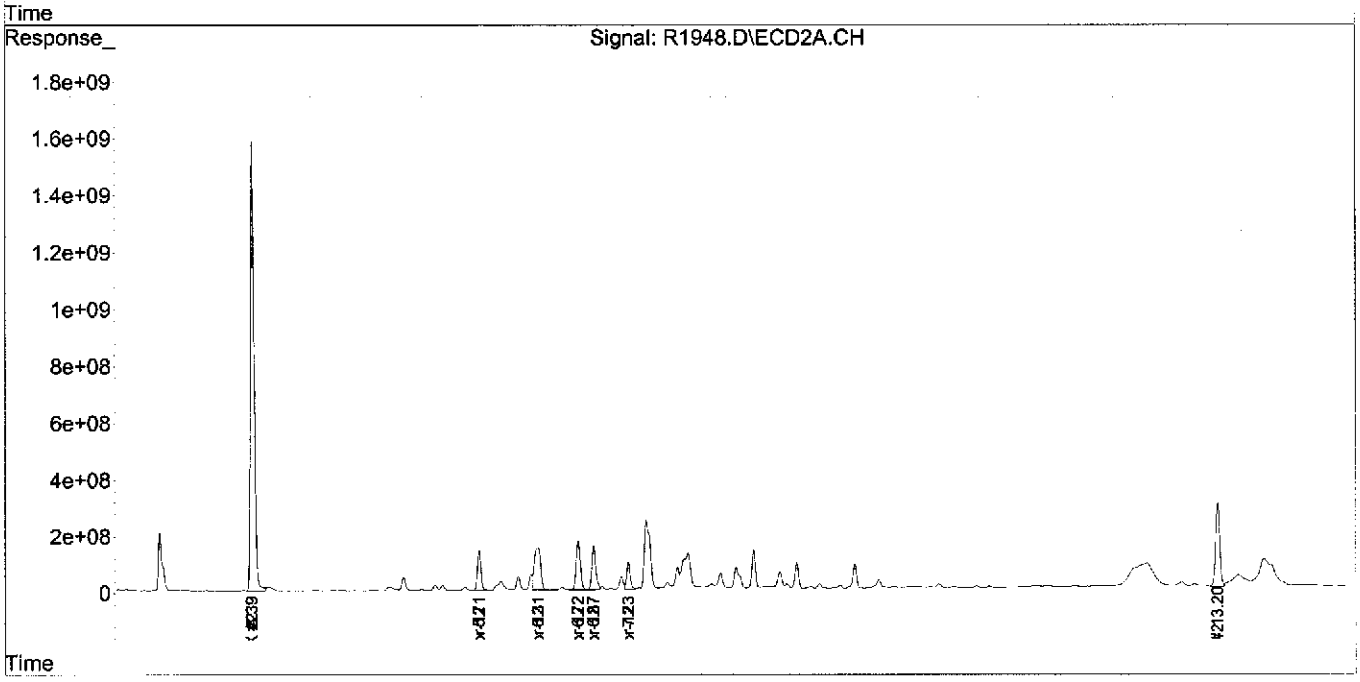
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-25-12\
Data File : R1948.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 26 Jul 2012 00:23
Operator : YG
Sample : L-36(2.0-4,06899-029,S,5.66g,10.7,07/19/12,4
Misc : 120719-09,07/11/12,07/11/12,1
ALS Vial : 45 Sample Multiplier: 1

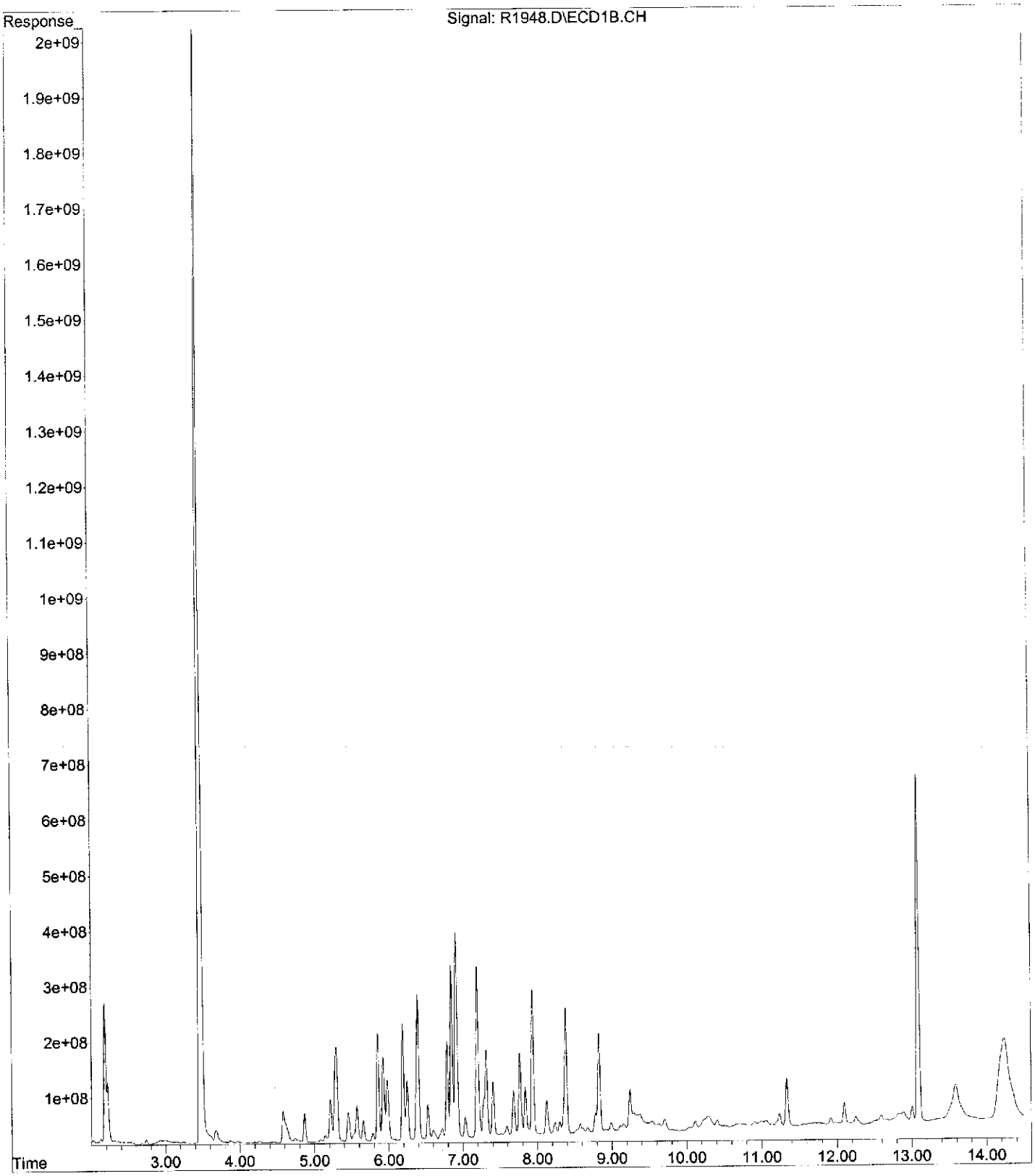
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 26 16:12:42 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0725.M
Quant Title :
QLast Update : Thu Jul 26 10:00:26 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





File :C:\MSDChem\1\DATA\07-25-12\R1948.D
Operator : YG
Acquired : 26 Jul 2012 00:23 using AcqMethod RPCB0725.M
Instrument : GC_R
Sample Name: L-36(2.0-4,06899-029,S,5.66g,10.7,07/19/12,4
Misc Info : 120719-09,07/11/12,07/11/12,1
Vial Number: 45



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-25-12\
Data File : R1949.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 26 Jul 2012 00:40
Operator : YG
Sample : L-36(4.0-6,06899-030,S,5.35g,67.6,07/19/12,4
Misc : 120719-09,07/11/12,07/11/12,1
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 26 16:13:15 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0725.M
Quant Title :
QLast Update : Thu Jul 26 10:00:26 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.47	3.39	50717.9E6	41991.9E6	287.630	309.660
Spiked Amount 200.000			Recovery	=	143.82%	154.83%
2) S DCB	13.09	13.21	15447.7E6	9276.4E6	199.423m	267.413m#
Spiked Amount 200.000			Recovery	=	99.71%	133.71%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

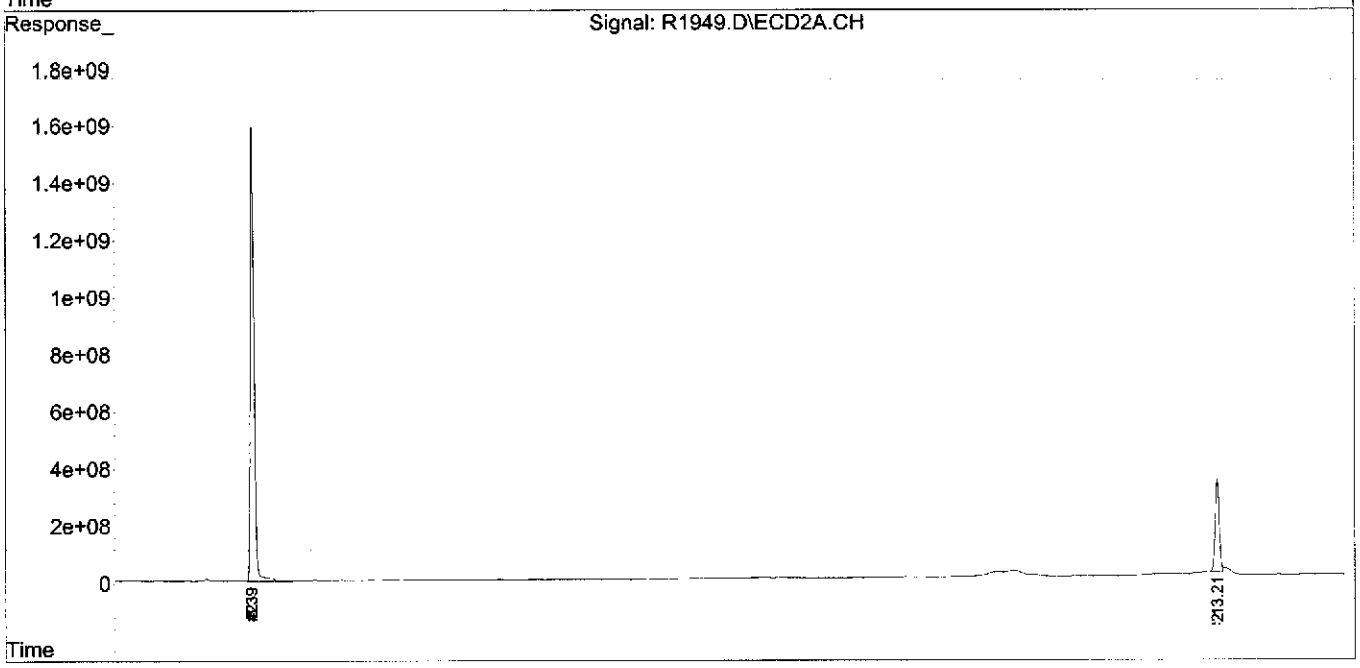
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

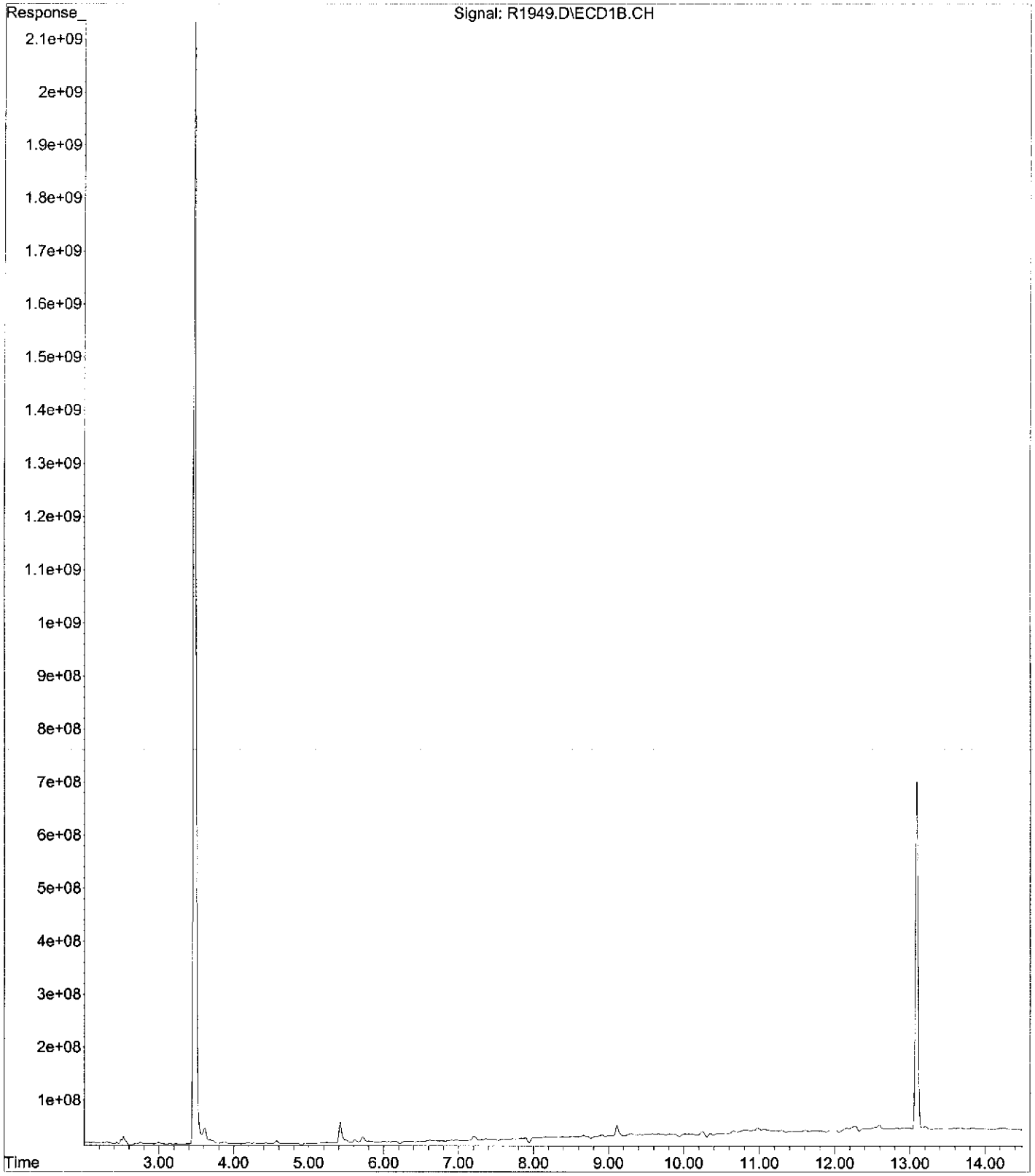
Data Path : C:\MSDCHEM\1\DATA\07-25-12\
Data File : R1949.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 26 Jul 2012 00:40
Operator : YG
Sample : L-36(4.0-6,06899-030,S,5.35g,67.6,07/19/12,4
Misc : 120719-09,07/11/12,07/11/12,1
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 26 16:13:15 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0725.M
Quant Title :
QLast Update : Thu Jul 26 10:00:26 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



File :C:\MSDChem\1\DATA\07-25-12\R1949.D
Operator : YG
Acquired : 26 Jul 2012 00:40 using AcqMethod RPCB0725.M
Instrument : GC_R
Sample Name: L-36(4.0-6,06899-030,S,5.35g,67.6,07/19/12,4
Misc Info : 120719-09,07/11/12,07/11/12,1
Vial Number: 46



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-22-12\
Data File : Y7205.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 00:50
Operator : YG
Sample : K-36(0-2.0,06899-031,S,5.53g,12.6,07/19/12,4
Misc : 120719-10,07/11/12,07/11/12,10
ALS Vial : 36 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 16:14:49 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	2028.1E6	746.8E6	21.433	23.761
Spiked Amount 200.000			Recovery	=	10.72%	11.88%
2) S DCB	12.10	12.51	456.5E6	184.0E6	23.455m	24.145m
Spiked Amount 200.000			Recovery	=	11.73%	12.07%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.51	5.15	4074.8E6	1322.3E6	961.477	1003.650
24) L6 Aroclor-1248 {2}	5.05	5.73	2162.5E6	2377.3E6	894.789	1219.827 #
25) L6 Aroclor-1248 {3}	5.37	6.13	2748.1E6	1564.3E6	849.201	1106.741 #
26) L6 Aroclor-1248 {4}	6.06	6.28	8800.2E6	2121.7E6	1705.251	1760.204
27) L6 Aroclor-1248 {5}	6.33	6.63	7388.6E6	1256.7E6	1782.584	1903.071
Sum Aroclor-1248			25174.3E6	8642.3E6	6193.302	6993.493
Average Aroclor-1248					1238.660	1398.699
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

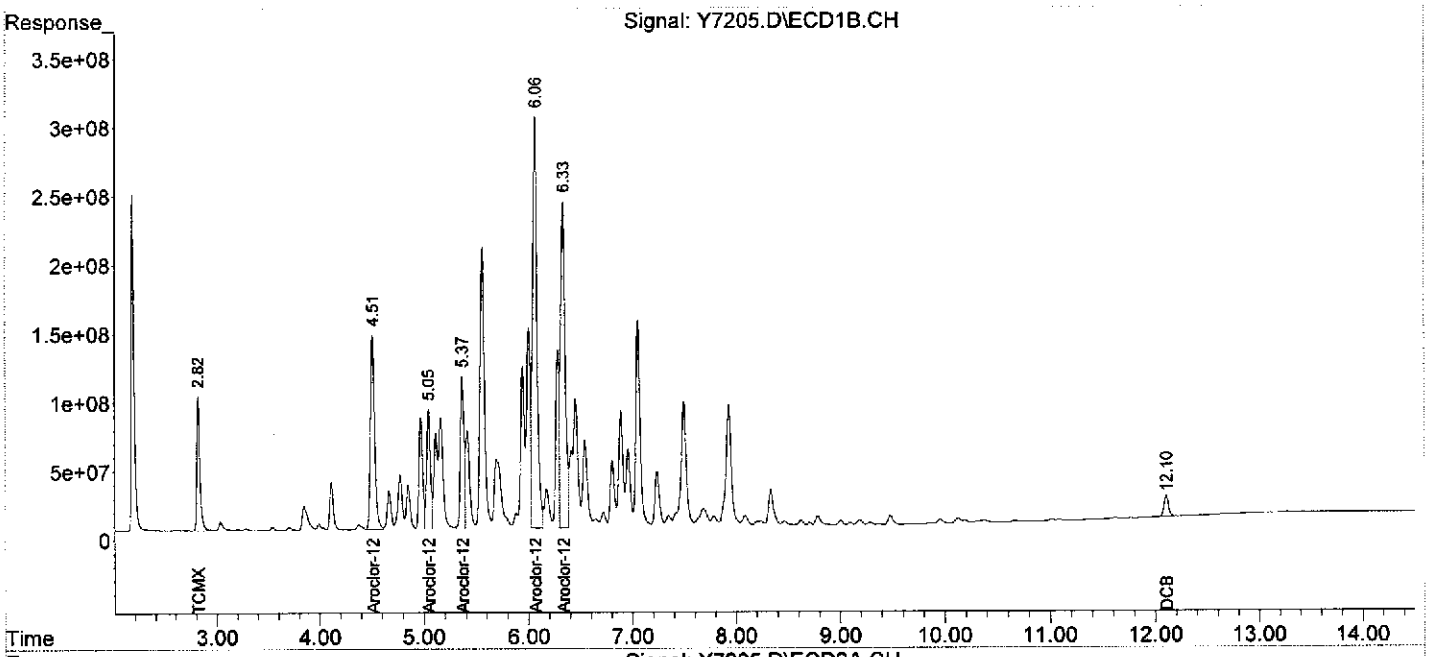
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

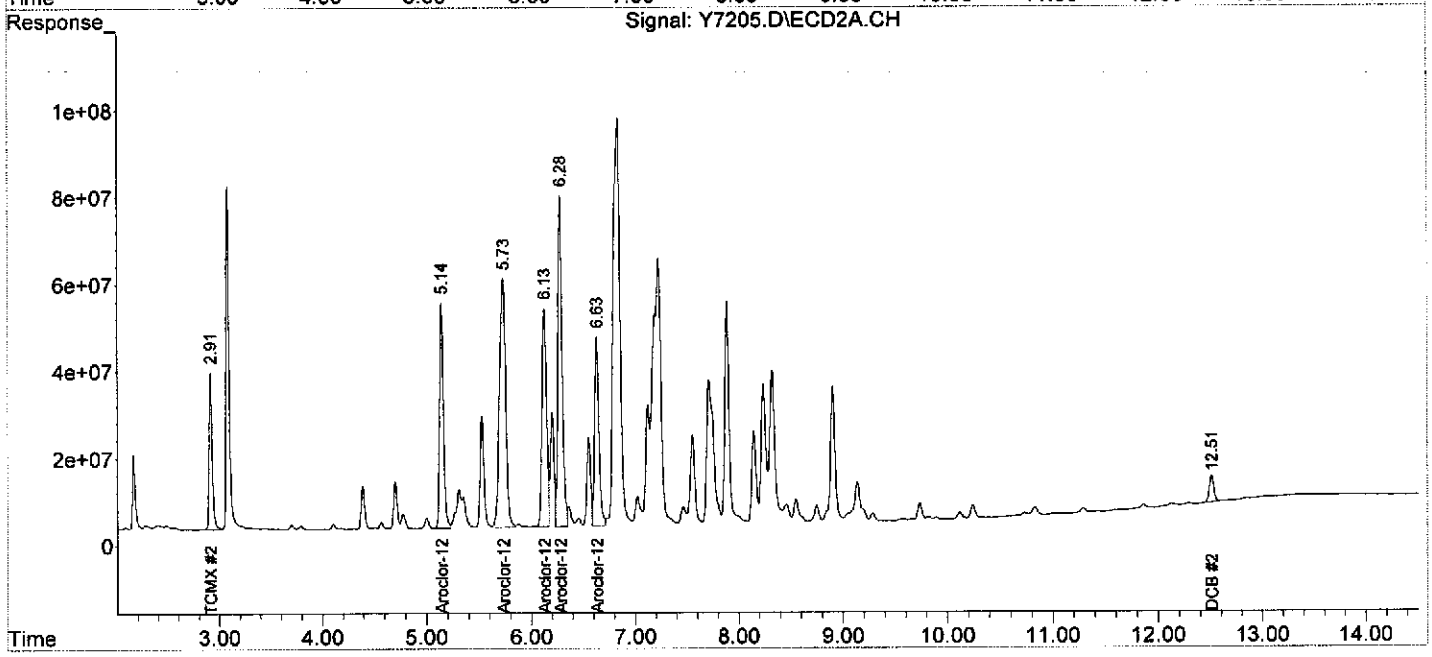
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-22-12\
Data File : Y7205.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 00:50
Operator : YG
Sample : K-36(0-2.0,06899-031,S,5.53g,12.6,07/19/12,4
Misc : 120719-10,07/11/12,07/11/12,10
ALS Vial : 36 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 16:14:49 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-20-12\
Data File : Y7148.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Jul 2012 00:31
Operator : YG
Sample : K-36(2.0-4,06899-032,S,5.23g,21.3,07/19/12,4
Misc : 120719-10,07/11/12,07/11/12,1
ALS Vial : 71 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 15:45:48 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Fri Jul 13 10:01:46 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	19972.3E6	7689.4E6	211.073	244.644
Spiked Amount 200.000			Recovery	=	105.54%	122.32%
2) S DCB	12.10	12.51	4537.6E6	1913.0E6	233.159m	250.974m
Spiked Amount 200.000			Recovery	=	116.58%	125.49%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.52	5.15	484.0E6	168.1E6	114.193	127.585
24) L6 Aroclor-1248 {2}	5.05	5.73	266.0E6	315.0E6	110.054	161.635 #
25) L6 Aroclor-1248 {3}	5.37	6.13	366.7E6	249.1E6	113.328	176.235 #
26) L6 Aroclor-1248 {4}	6.06	6.28	728.8E6	186.5E6	141.216	154.692
27) L6 Aroclor-1248 {5}	6.32	6.63	469.6E6	147.9E6	113.304m	224.042m#
Sum Aroclor-1248			2315.1E6	1066.6E6	592.095	844.188
Average Aroclor-1248					118.419	168.838
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

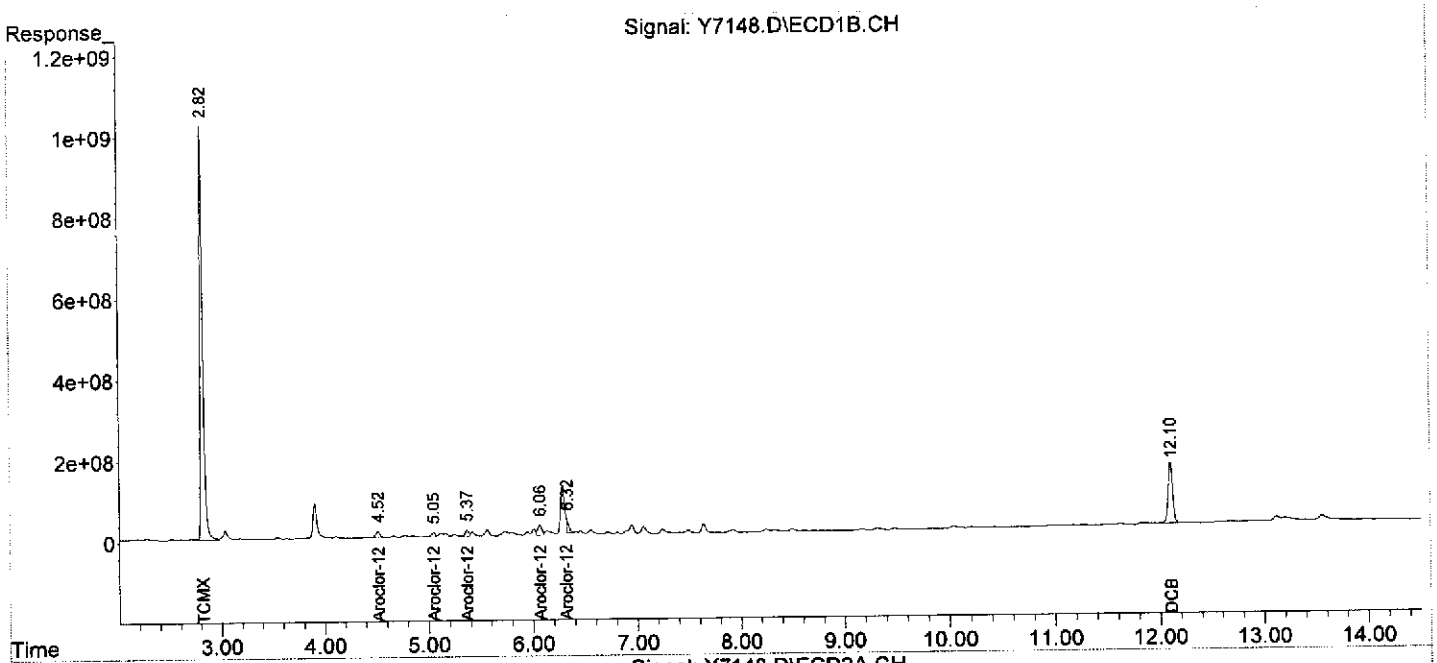
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

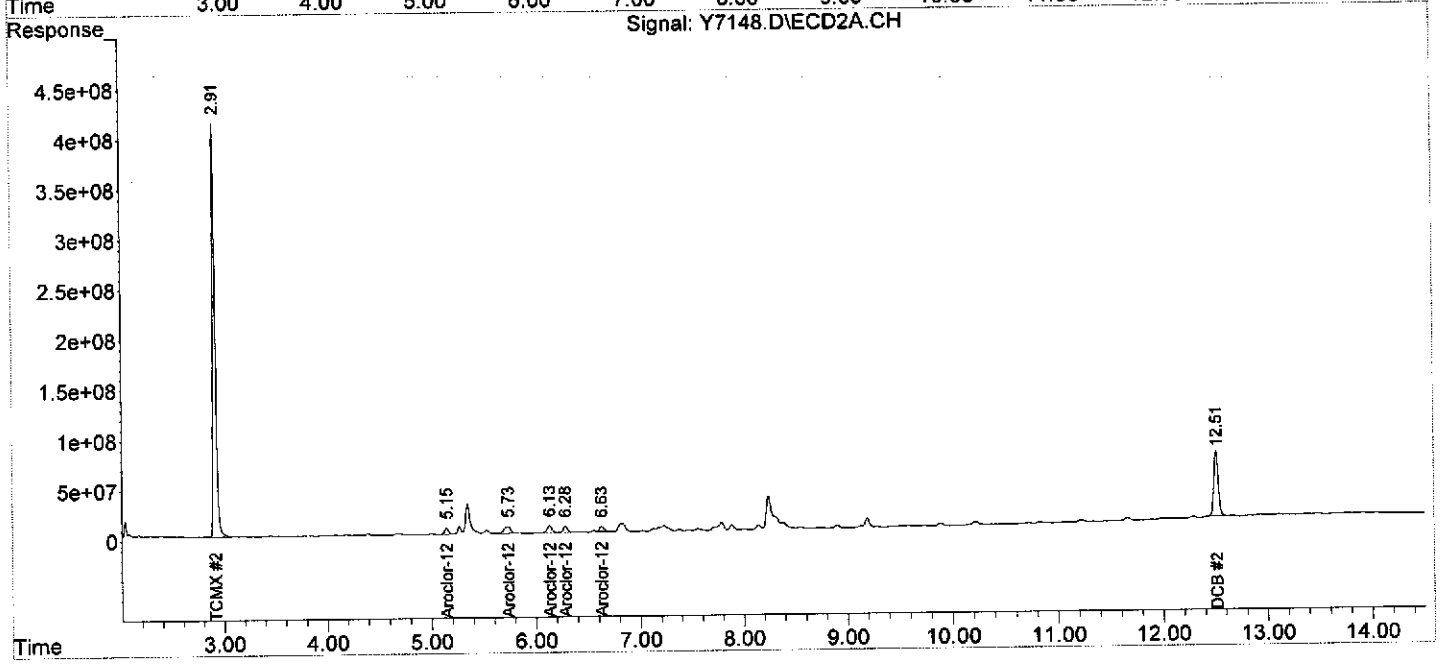
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-20-12\
Data File : Y7148.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Jul 2012 00:31
Operator : YG
Sample : K-36(2.0-4,06899-032,S,5.23g,21.3,07/19/12,4
Misc : 120719-10,07/11/12,07/11/12,1
ALS Vial : 71 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 15:45:48 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Fri Jul 13 10:01:46 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-20-12\
Data File : Y7149.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Jul 2012 00:48
Operator : YG
Sample : K-36(4.0-6,06899-033,S,5.14g,66.5,07/19/12,4
Misc : 120719-10,07/11/12,07/11/12,1
ALS Vial : 72 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 15:46:11 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Fri Jul 13 10:01:46 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	20774.5E6	7434.6E6	219.550	236.537
Spiked Amount 200.000			Recovery	=	109.78%	118.27%
2) S DCB	12.10	12.51	4168.9E6	1981.4E6	214.210m	259.950m
Spiked Amount 200.000			Recovery	=	107.11%	129.97%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

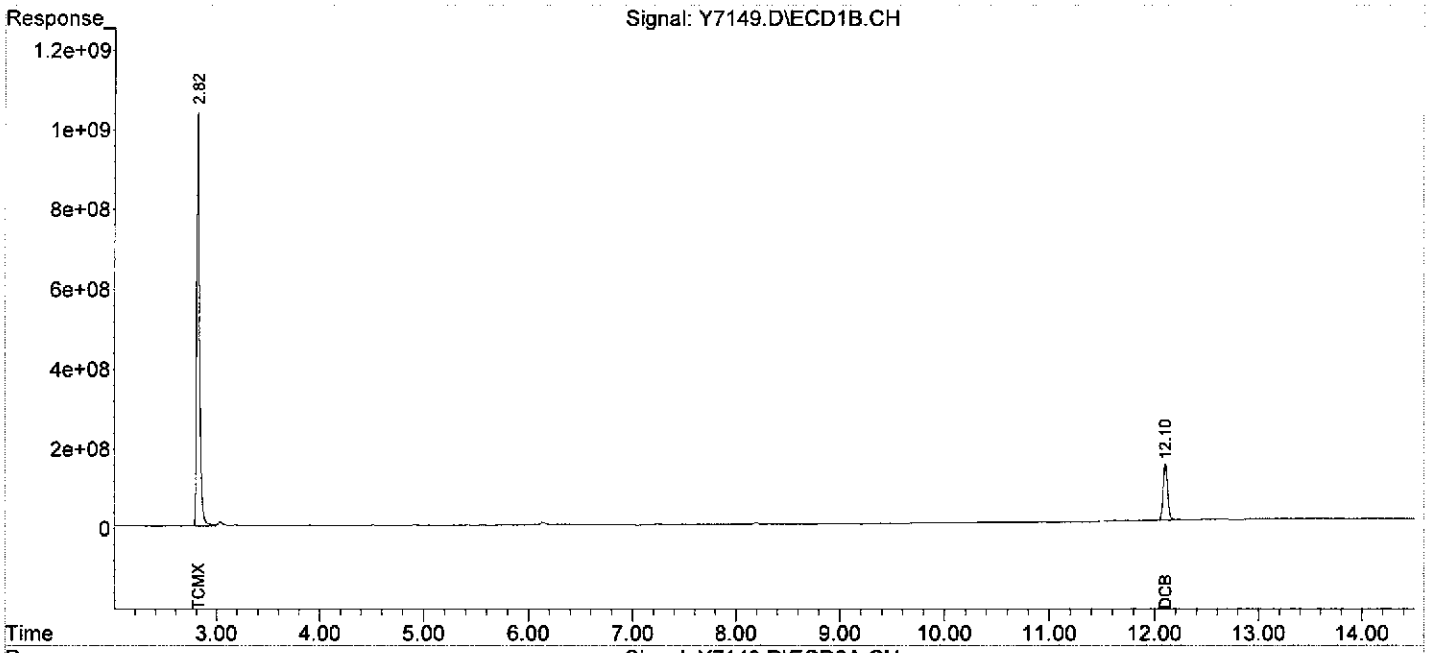
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

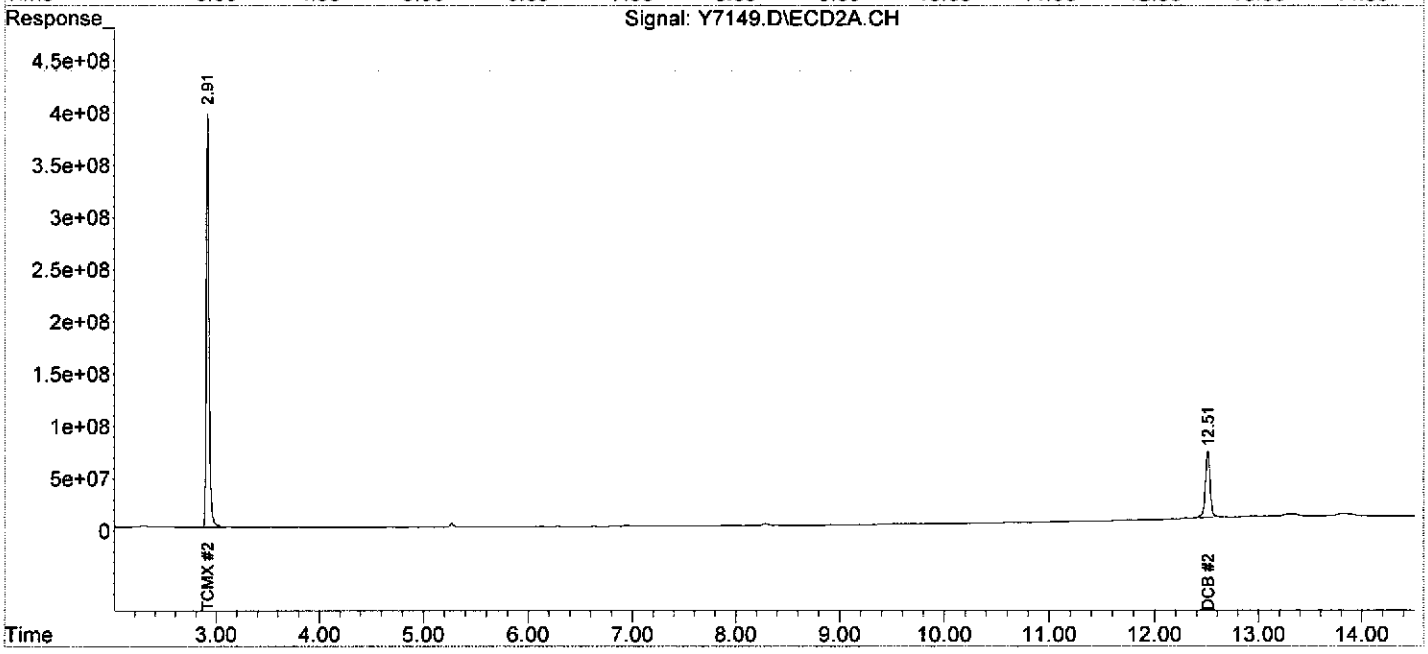
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-20-12\
Data File : Y7149.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Jul 2012 00:48
Operator : YG
Sample : K-36(4.0-6,06899-033,S,5.14g,66.5,07/19/12,4
Misc : 120719-10,07/11/12,07/11/12,1
ALS Vial : 72 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 15:46:11 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Fri Jul 13 10:01:46 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-22-12\
Data File : Y7206.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 1:08
Operator : YG
Sample : J-36(0-2.0,06899-034,S,5.28g,13.2,07/19/12,4
Misc : 120719-10,07/11/12,07/11/12,1000
ALS Vial : 37 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 16:15:16 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.52	5.15	1528.3E6	594.6E6	360.609	451.347 #
24) L6 Aroclor-1248 {2}	5.05	5.73	944.8E6	1038.3E6	390.931	532.767 #
25) L6 Aroclor-1248 {3}	5.37	6.13	1310.7E6	771.9E6	405.019	546.130 #
26) L6 Aroclor-1248 {4}	6.06	6.28	2840.3E6	709.0E6	550.375	588.150
27) L6 Aroclor-1248 {5}	6.33	6.63	2200.9E6	442.3E6	530.988	669.811 #
Sum Aroclor-1248			8825.0E6	3556.1E6	2237.922	2788.204
Average Aroclor-1248					447.584	557.641
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

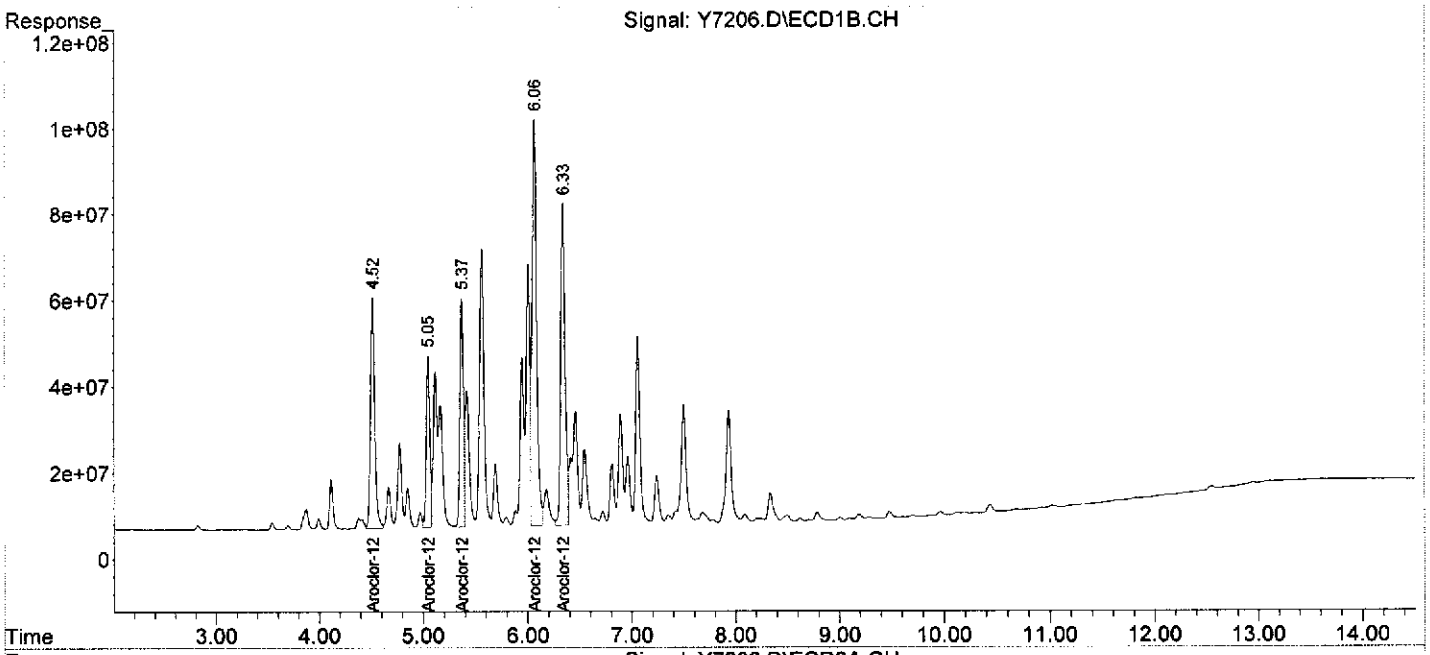
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

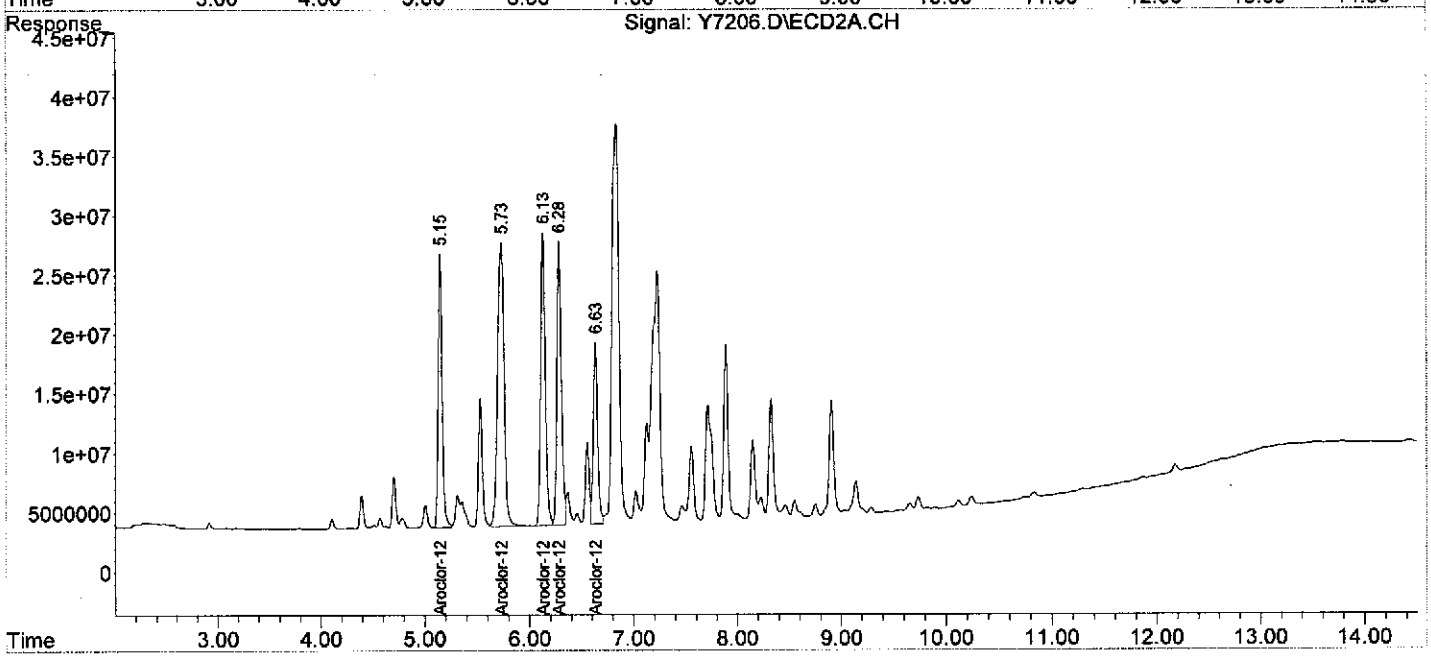
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-22-12\
Data File : Y7206.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 1:08
Operator : YG
Sample : J-36(0-2.0,06899-034,S,5.28g,13.2,07/19/12,4
Misc : 120719-10,07/11/12,07/11/12,1000
ALS Vial : 37 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 16:15:16 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-22-12\
Data File : Y7207.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 1:25
Operator : YG
Sample : J-36(2.0-4,06899-035,S,5.46g,25.6,07/19/12,4
Misc : 120719-10,07/11/12,07/11/12,100
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 16:15:41 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.52	5.14	4001.4E6	1464.9E6	944.168	1111.900
24) L6 Aroclor-1248 {2}	5.05	5.73	2814.2E6	2859.6E6	1164.428	1467.319 #
25) L6 Aroclor-1248 {3}	5.37	6.13	3734.7E6	2009.1E6	1154.073	1421.443
26) L6 Aroclor-1248 {4}	6.06	6.28	7918.6E6	1852.6E6	1534.416	1536.943
27) L6 Aroclor-1248 {5}	6.33	6.63	5891.7E6	1148.8E6	1421.430	1739.735
Sum Aroclor-1248			24360.6E6	9335.1E6	6218.516	7277.340
Average Aroclor-1248					1243.703	1455.468
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

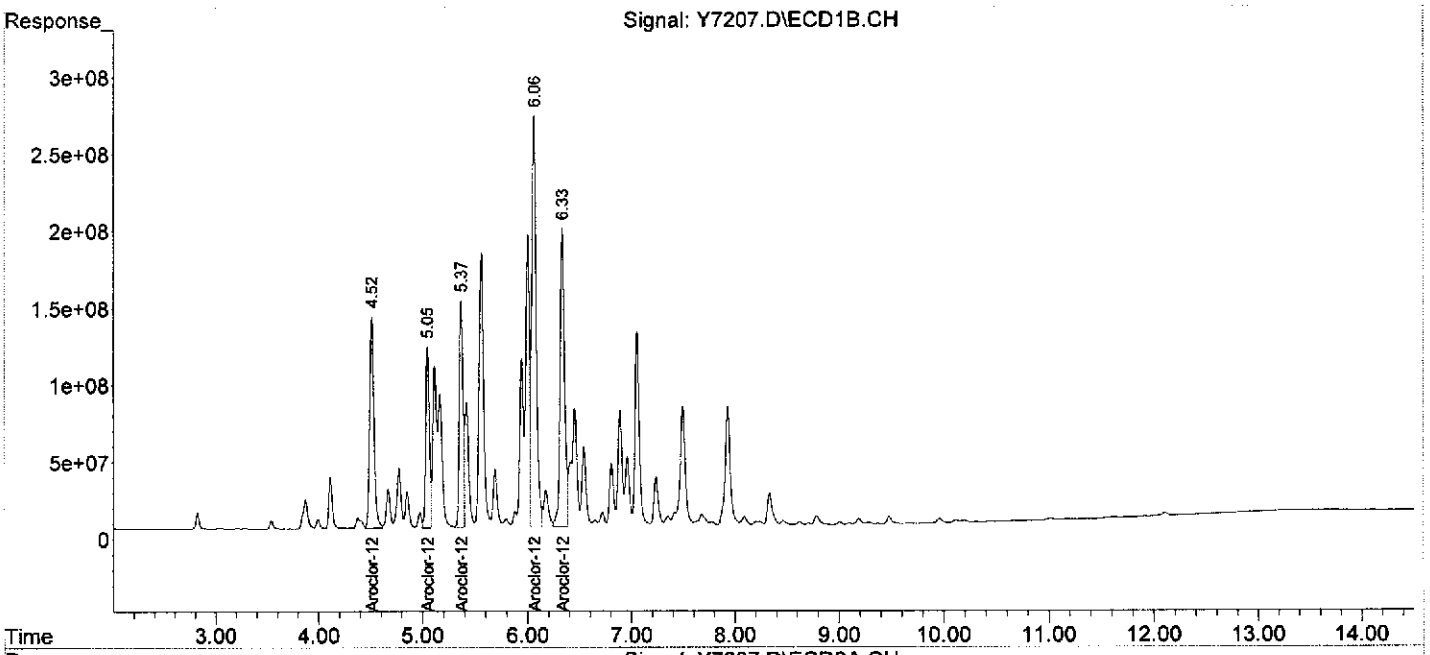
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

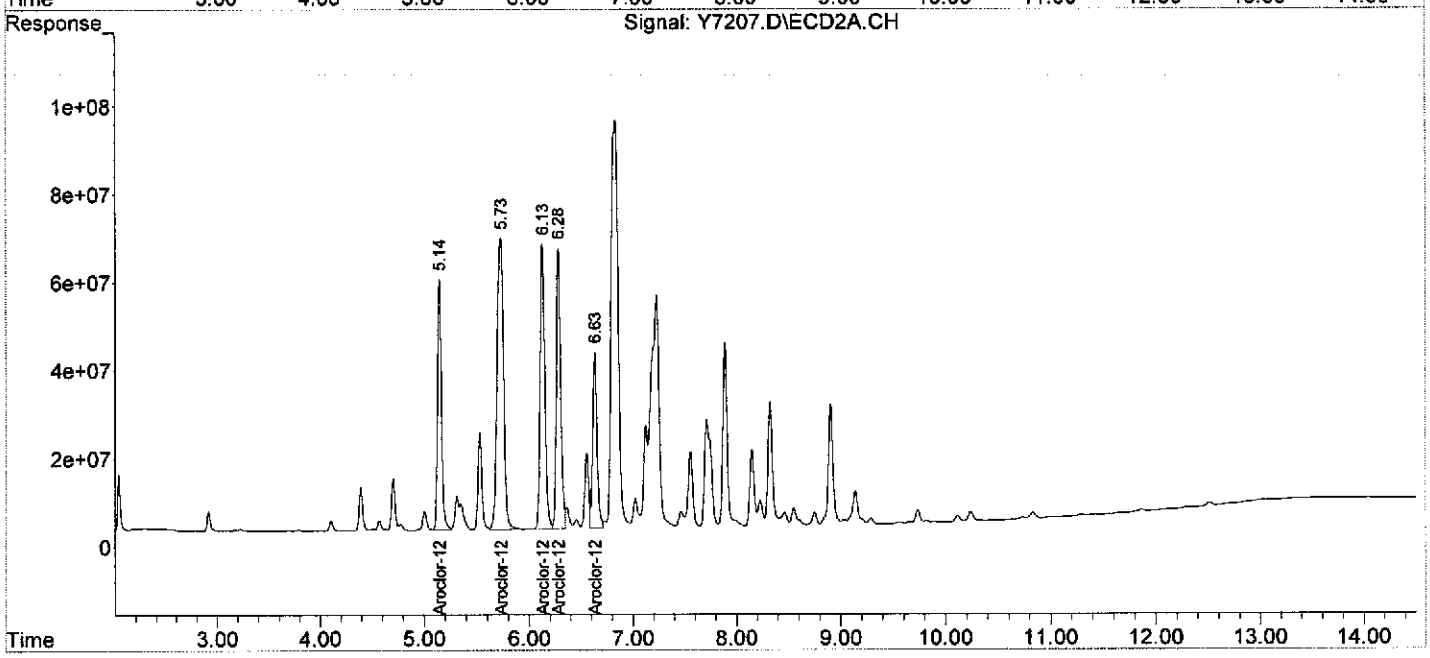
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-22-12\
Data File : Y7207.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 1:25
Operator : YG
Sample : J-36(2.0-4,06899-035,S,5.46g,25.6,07/19/12,4
Misc : 120719-10,07/11/12,07/11/12,100
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 16:15:41 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-20-12\
Data File : Y7152.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Jul 2012 1:39
Operator : YG
Sample : J-36(4.0-6,06899-036,S,5.15g,46.5,07/19/12,4
Misc : 120719-10,07/11/12,07/11/12,1
ALS Vial : 75 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 15:46:36 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Fri Jul 13 10:01:46 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	19874.0E6	7254.4E6	210.034	230.804
Spiked Amount 200.000			Recovery	=	105.02%	115.40%
2) S DCB	12.10	12.51	4012.2E6	1906.0E6	206.157m	250.050m
Spiked Amount 200.000			Recovery	=	103.08%	125.03%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.51	5.15	940.9E6	351.0E6	222.024	266.406
24) L6 Aroclor-1248 {2}	5.05	5.73	689.6E6	701.6E6	285.335	360.021 #
25) L6 Aroclor-1248 {3}	5.37	6.13	913.0E6	518.4E6	282.127	366.770 #
26) L6 Aroclor-1248 {4}	6.06	6.28	1569.3E6	444.8E6	304.080	369.037
27) L6 Aroclor-1248 {5}	6.33	6.63	1335.8E6	259.3E6	322.272	392.620
Sum Aroclor-1248			5448.6E6	2275.1E6	1415.839	1754.853
Average Aroclor-1248					283.168	350.971
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

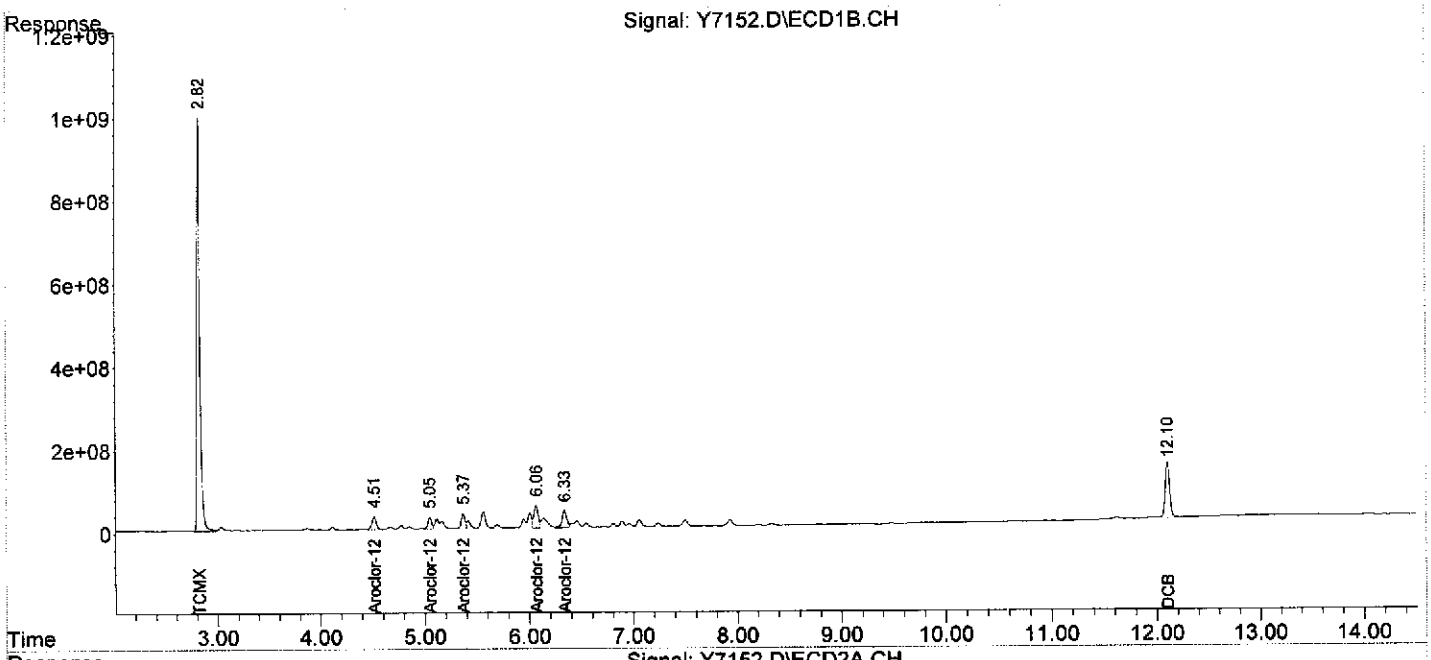
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

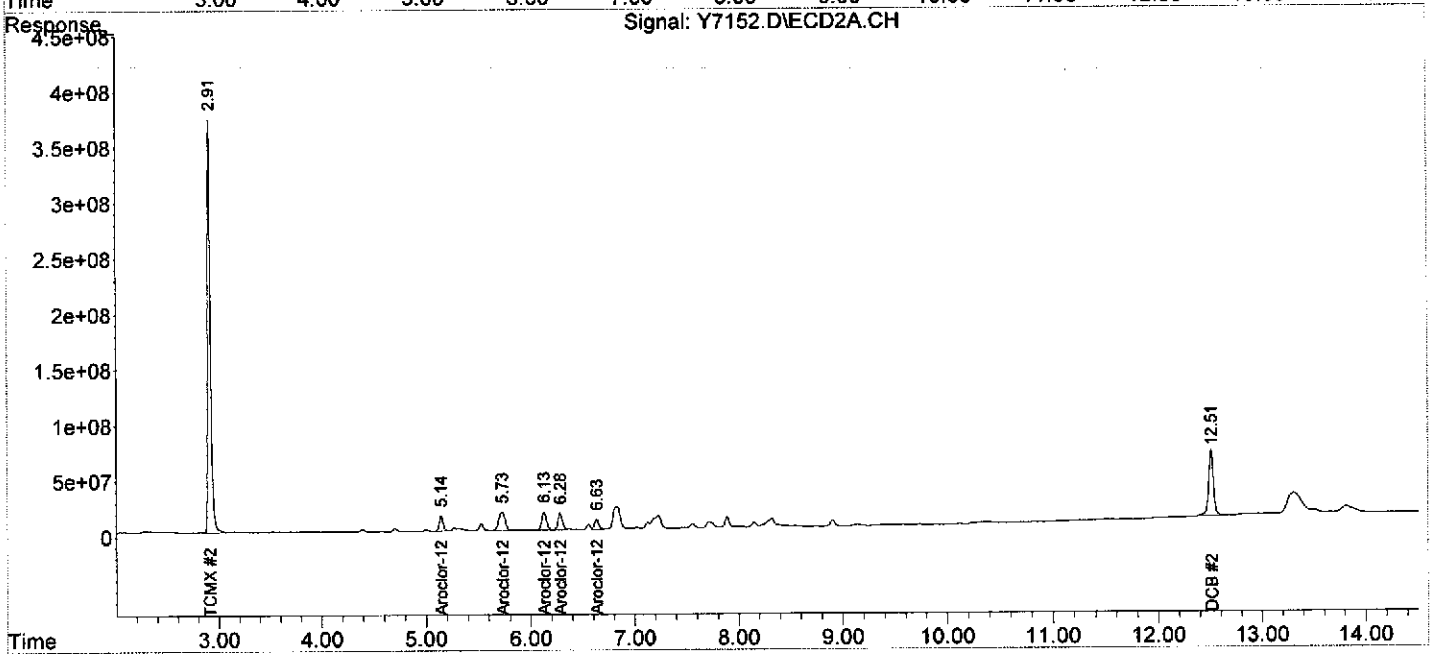
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-20-12\
Data File : Y7152.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Jul 2012 1:39
Operator : YG
Sample : J-36(4.0-6,06899-036,S,5.15g,46.5,07/19/12,4
Misc : 120719-10,07/11/12,07/11/12,1
ALS Vial : 75 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 15:46:36 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Fri Jul 13 10:01:46 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-20-12\
Data File : Y7153.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Jul 2012 1:57
Operator : YG
Sample : I-36(0-2.0,06899-037,S,5.57g,16.3,07/19/12,4
Misc : 120719-10,07/11/12,07/11/12,100
ALS Vial : 76 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 15:47:20 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Fri Jul 13 10:01:46 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.52	5.15	1918.7E6	706.0E6	452.734	535.913
24) L6 Aroclor-1248 {2}	5.05	5.73	780.6E6	849.5E6	322.987	435.888 #
25) L6 Aroclor-1248 {3}	5.37	6.13	1701.2E6	717.9E6	525.703	507.915
26) L6 Aroclor-1248 {4}	6.07	6.28	2262.4E6	535.2E6	438.388	443.991
27) L6 Aroclor-1248 {5}	6.33	6.63	1738.0E6	327.2E6	419.319	495.489
Sum Aroclor-1248			8400.9E6	3135.8E6	2159.131	2419.195
Average Aroclor-1248					431.826	483.839
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

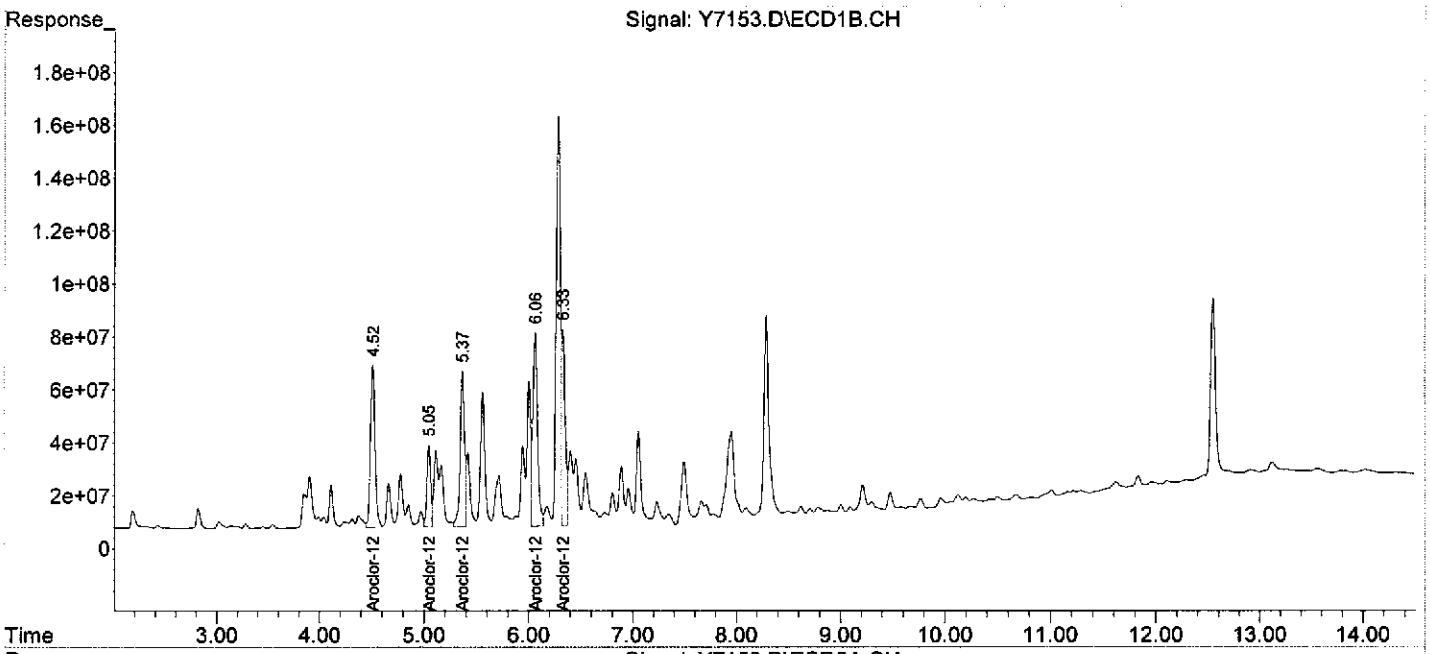
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

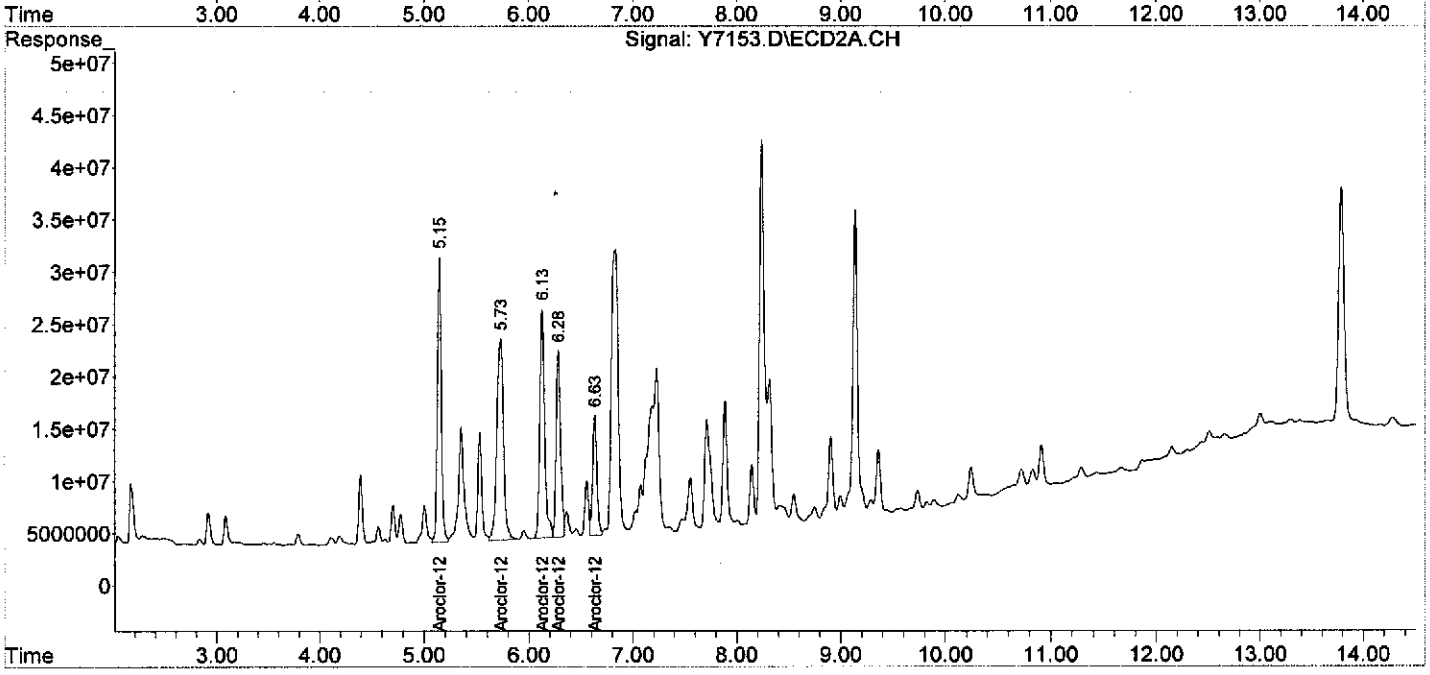
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-20-12\
Data File : Y7153.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Jul 2012 1:57
Operator : YG
Sample : I-36(0-2.0,06899-037,S,5.57g,16.3,07/19/12,4
Misc : 120719-10,07/11/12,07/11/12,100
ALS Vial : 76 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 15:47:20 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Fri Jul 13 10:01:46 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-22-12\
Data File : Y7208.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 1:42
Operator : YG
Sample : I-36(2.0-4,06899-038,S,5.52g,32.6,07/19/12,4
Misc : 120719-10,07/11/12,07/11/12,100
ALS Vial : 39 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 16:16:04 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.51	5.14	743.4E6	288.4E6	175.416	218.901
24) L6 Aroclor-1248 {2}	5.05	5.73	411.1E6	479.9E6	170.118	246.231 #
25) L6 Aroclor-1248 {3}	5.37	6.13	1195.4E6	360.1E6	369.412	254.794 #
26) L6 Aroclor-1248 {4}	6.06	6.28	1305.8E6	302.4E6	253.028	250.850
27) L6 Aroclor-1248 {5}	6.33	6.63	1143.6E6	205.1E6	275.909	310.573
Sum Aroclor-1248			4799.4E6	1635.9E6	1243.882	1281.348
Average Aroclor-1248					248.776	256.270
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

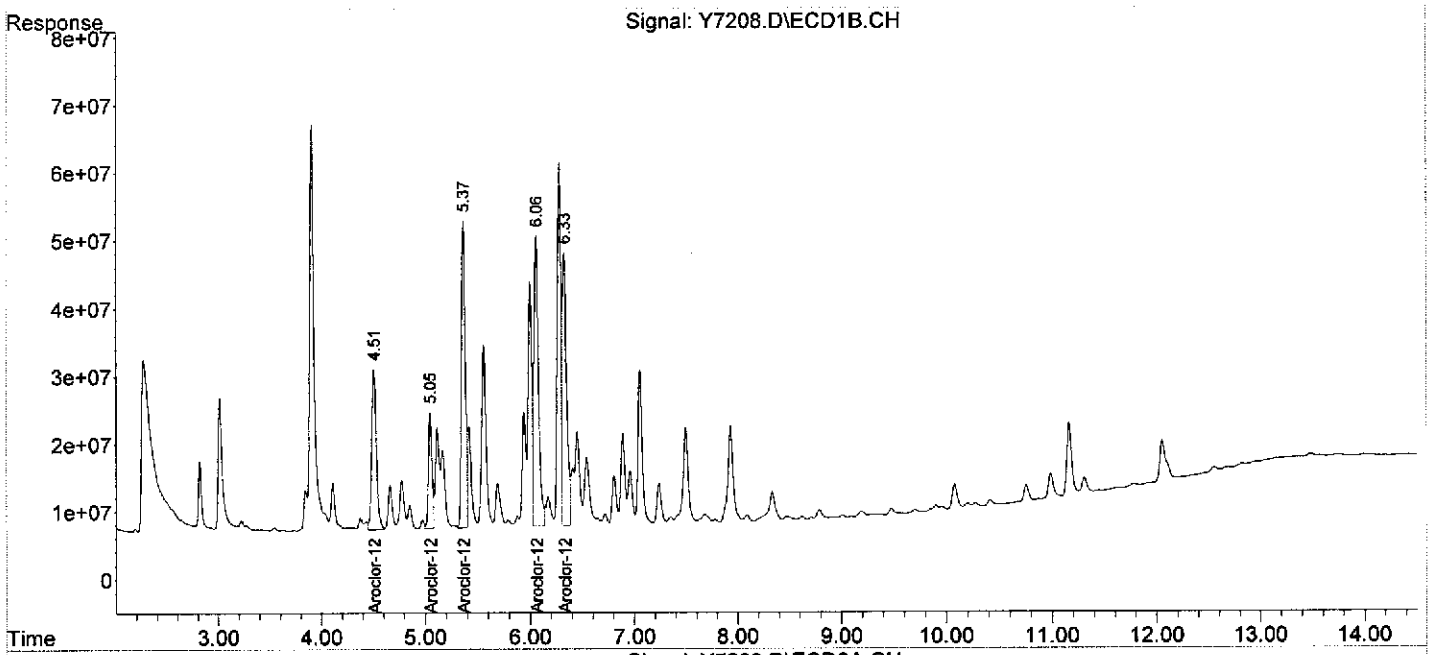
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

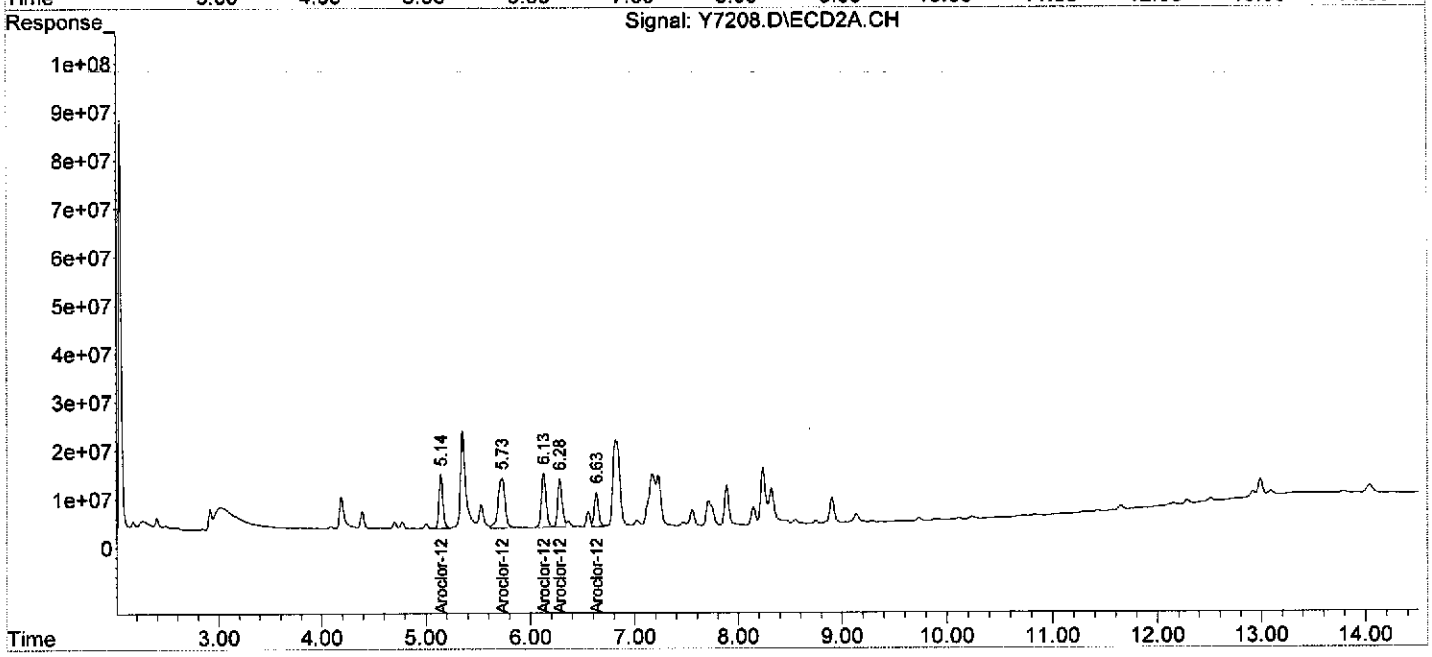
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-22-12\
Data File : Y7208.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 1:42
Operator : YG
Sample : I-36(2.0-4,06899-038,S,5.52g,32.6,07/19/12,4
Misc : 120719-10,07/11/12,07/11/12,100
ALS Vial : 39 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 16:16:04 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-20-12\
Data File : Y7155.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Jul 2012 2:31
Operator : YG
Sample : I-36(4.0-6,06899-039,S,5.20g,68.3,07/19/12,4
Misc : 120719-10,07/11/12,07/11/12,1
ALS Vial : 78 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 16:04:46 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Fri Jul 13 10:01:46 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	20460.9E6	8113.0E6	216.236	258.121
Spiked Amount 200.000			Recovery	=	108.12%	129.06%
2) S DCB	12.10	12.51	4692.1E6	1957.7E6	241.096m	256.841m
Spiked Amount 200.000			Recovery	=	120.55%	128.42%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

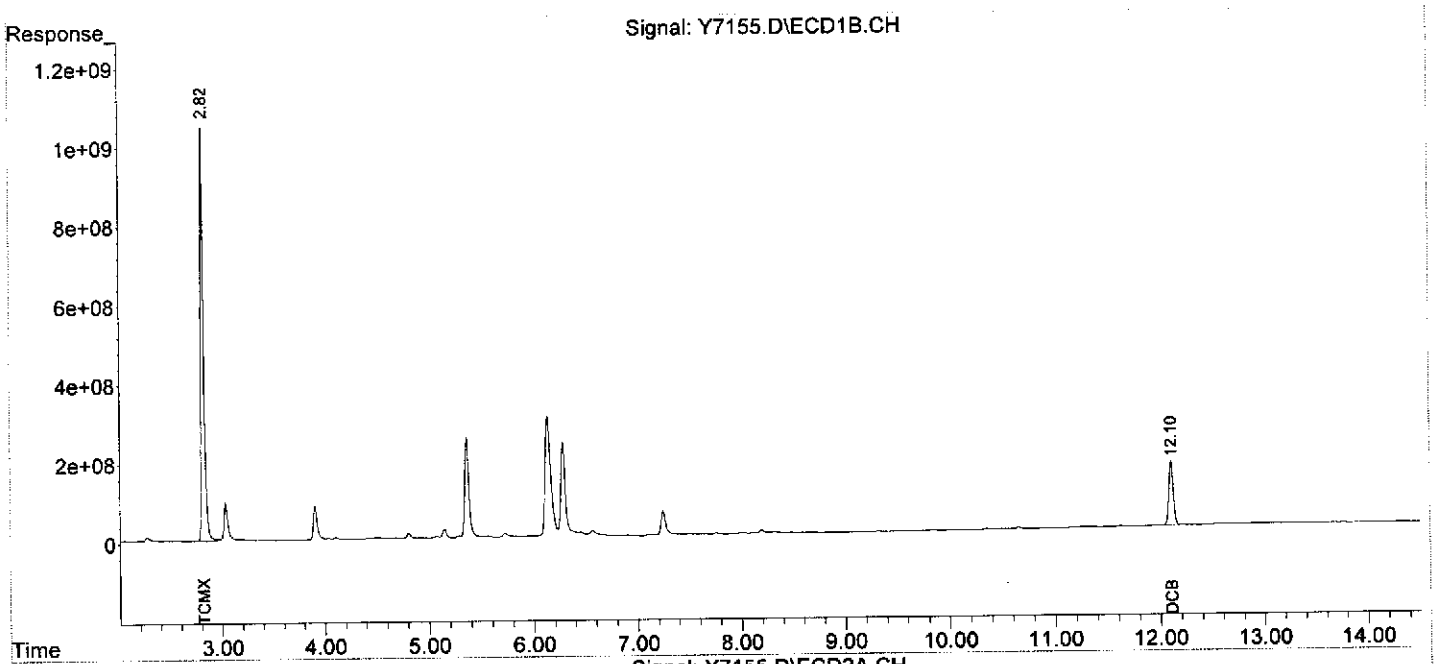
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

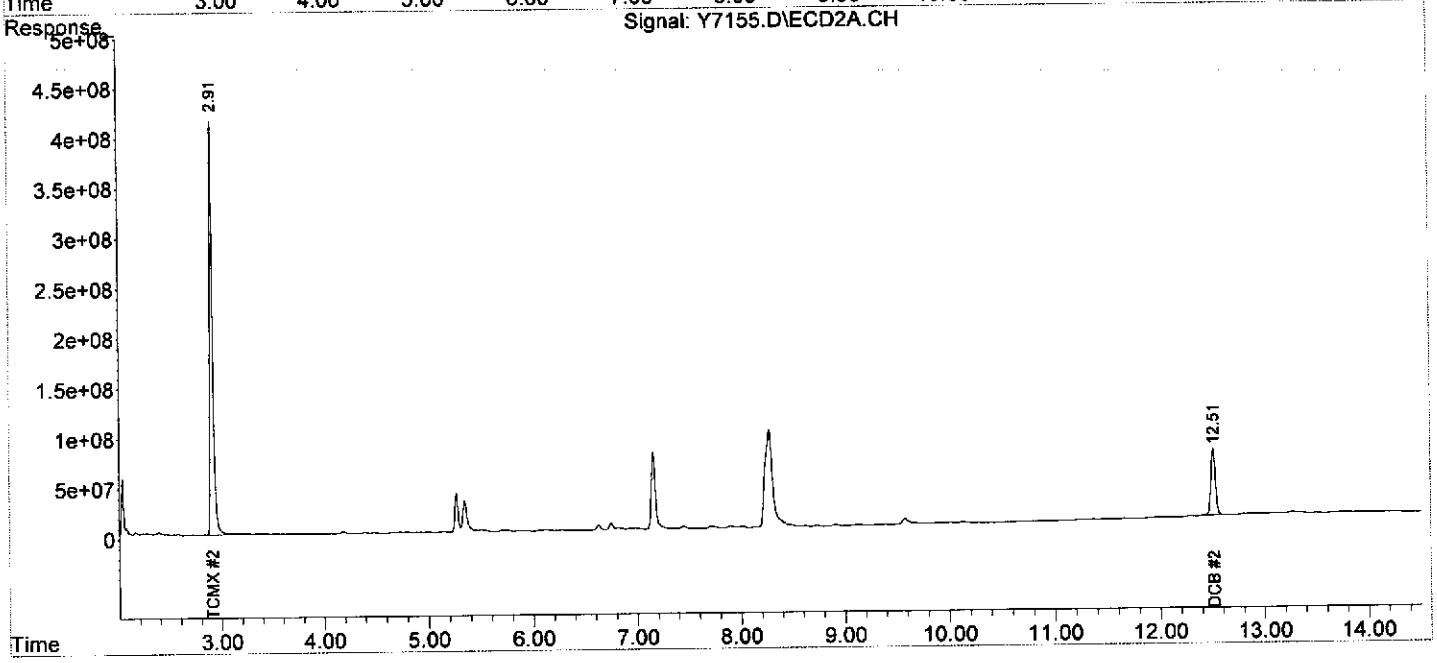
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-20-12\
Data File : Y7155.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Jul 2012 2:31
Operator : YG
Sample : I-36(4.0-6,06899-039,S,5.20g,68.3,07/19/12,4
Misc : 120719-10,07/11/12,07/11/12,1
ALS Vial : 78 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 16:04:46 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Fri Jul 13 10:01:46 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-22-12\
Data File : Y7209.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 1:59
Operator : YG
Sample : I-34(0-2.0,06899-040,S,5.12g,20.0,07/19/12,4
Misc : 120719-10,07/11/12,07/11/12,100
ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 16:16:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
System Monitoring Compounds							
Target Compounds							
Sum Aroclor-1016			0	0	N.D.	N.D.	
Average Aroclor-1016					0.000	0.000	
Sum Aroclor-1221			0	0	N.D.	N.D.	
Average Aroclor-1221					0.000	0.000	
Sum Aroclor-1232			0	0	N.D.	N.D.	
Average Aroclor-1232					0.000	0.000	
Sum Aroclor-1242			0	0	N.D.	N.D.	
Average Aroclor-1242					0.000	0.000	
23) L6 Aroclor-1248	4.52	5.14	1524.8E6	593.4E6	359.789	450.384	#
24) L6 Aroclor-1248 {2}	5.05	5.73	473.0E6	552.2E6	195.704	283.348	#
25) L6 Aroclor-1248 {3}	5.37	6.13	699.2E6	418.0E6	216.055	295.729	#
26) L6 Aroclor-1248 {4}	6.07	6.28	1243.2E6	349.1E6	240.901	289.607	
27) L6 Aroclor-1248 {5}	6.34	6.63	990.8E6	206.9E6	239.043	313.363	#
Sum Aroclor-1248			4931.0E6	2119.6E6	1251.491	1632.430	
Average Aroclor-1248					250.298	326.486	
Sum Aroclor-1254			0	0	N.D.	N.D.	
Average Aroclor-1254					0.000	0.000	
Sum Aroclor-1260			0	0	N.D.	N.D.	
Average Aroclor-1260					0.000	0.000	
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262					0.000	0.000	
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

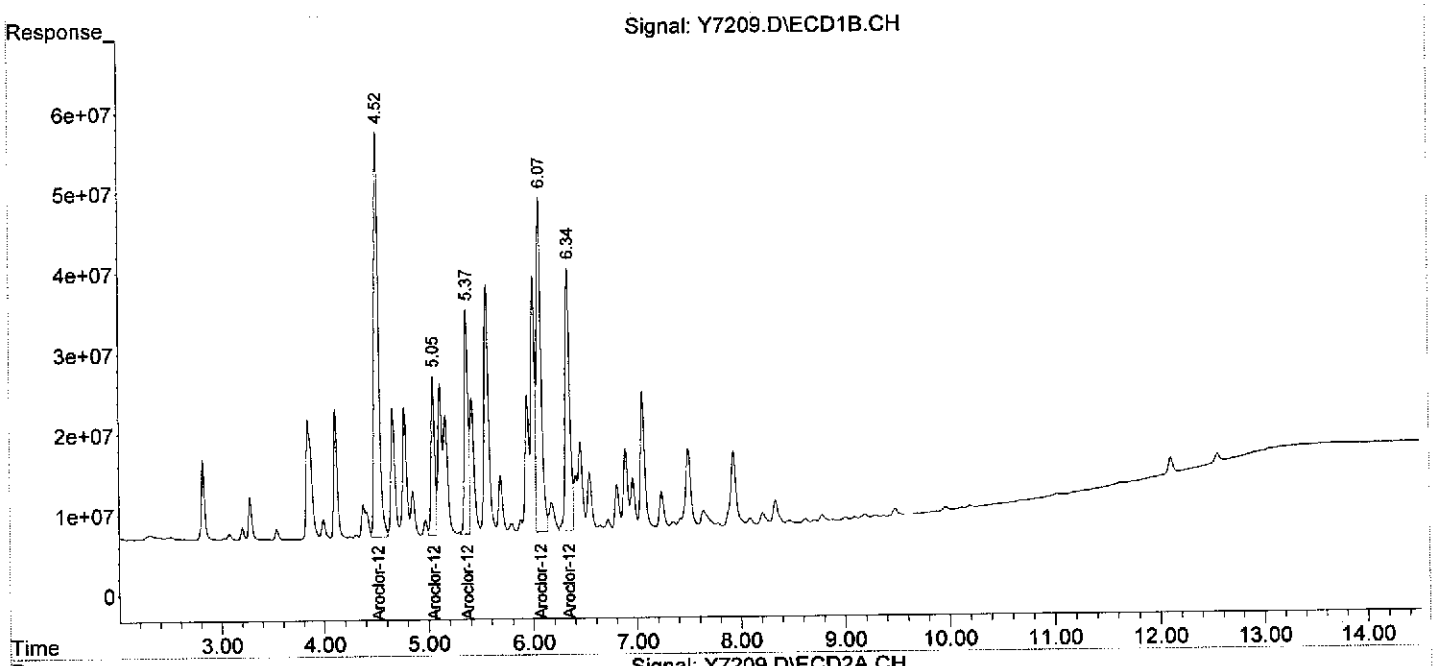
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

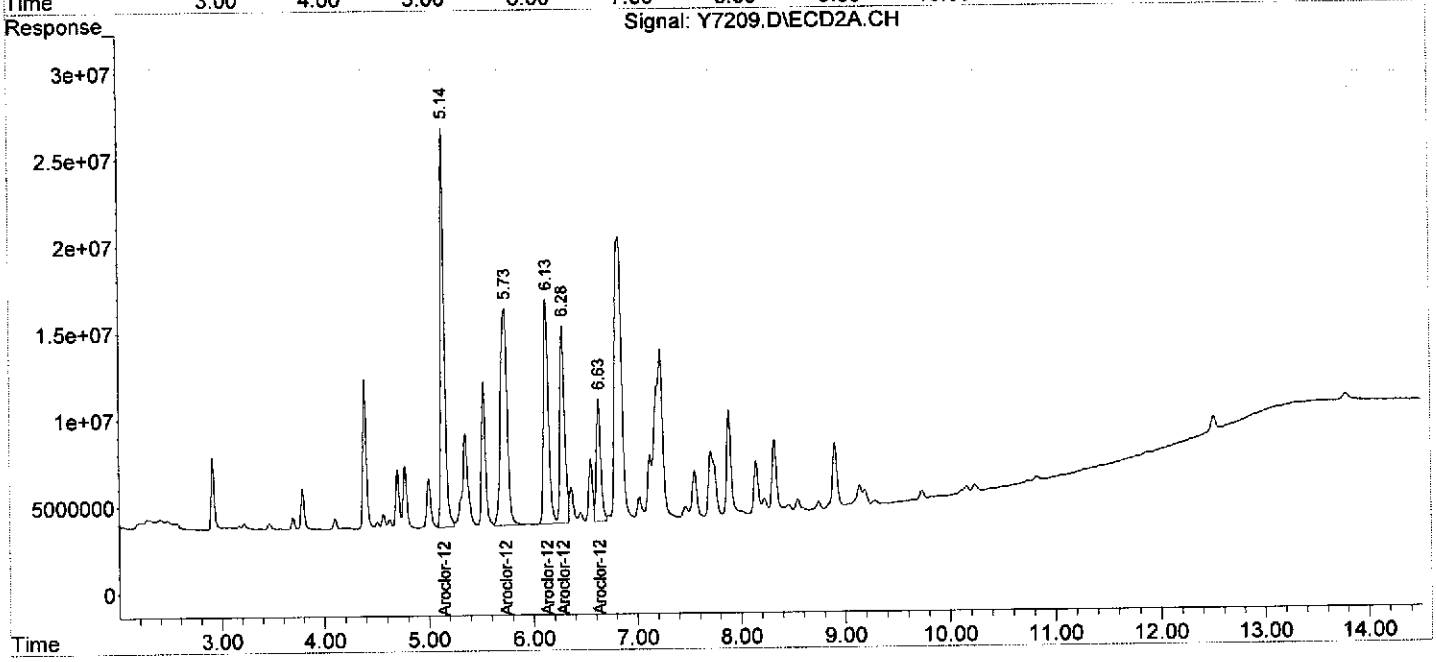
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-22-12\
Data File : Y7209.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 1:59
Operator : YG
Sample : I-34(0-2.0,06899-040,S,5.12g,20.0,07/19/12,4
Misc : 120719-10,07/11/12,07/11/12,100
ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 16:16:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-20-12\
Data File : Y7157.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Jul 2012 3:05
Operator : YG
Sample : I-34(2.0-4,06899-041,S,5.24g,36.0,07/19/12,4
Misc : 120719-10,07/11/12,07/11/12,1
ALS Vial : 80 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 16:06:40 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Fri Jul 13 10:01:46 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	19296.4E6	7242.1E6	203.929	230.413
Spiked Amount 200.000			Recovery	=	101.96%	115.21%
2) S DCB	12.10	12.51	3954.2E6	1784.0E6	203.181m	234.050m
Spiked Amount 200.000			Recovery	=	101.59%	117.03%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.51	5.14	70608370	35247437	16.661	26.754 #
24) L6 Aroclor-1248 {2}	5.05	5.73	26596308	46371559	11.005	23.794 #
25) L6 Aroclor-1248 {3}	5.37	6.13	50230318	31200711	15.522	22.074 #
26) L6 Aroclor-1248 {4}	6.06	6.28	88622447	23087177	17.173	19.153
27) L6 Aroclor-1248 {5}	6.33	6.63	82248941	23816654	19.843	36.067 #
Sum Aroclor-1248			318.3E6	159.7E6	80.203	127.842
Average Aroclor-1248					16.041	25.568
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.33	7.89	88949539	36713445	12.486	40.287 #
34) L8 Aroclor-1260 {2}	9.00	8.19	38566644	18224307	11.493m	13.465
35) L8 Aroclor-1260 {3}	9.48	9.74	86643010	16635741	10.623	15.398 #
36) L8 Aroclor-1260 {4}	9.96	10.24	37195218	37458100	8.792	16.194 #
37) L8 Aroclor-1260 {5}	11.02	10.83	20263114	25008216	12.701m	14.636
Sum Aroclor-1260			271.6E6	134.0E6	56.094	99.980
Average Aroclor-1260					11.219	19.996
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-20-12\
Data File : Y7157.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Jul 2012 3:05
Operator : YG
Sample : I-34(2.0-4,06899-041,S,5.24g,36.0,07/19/12,4
Misc : 120719-10,07/11/12,07/11/12,1
ALS Vial : 80 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 16:06:40 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Fri Jul 13 10:01:46 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2

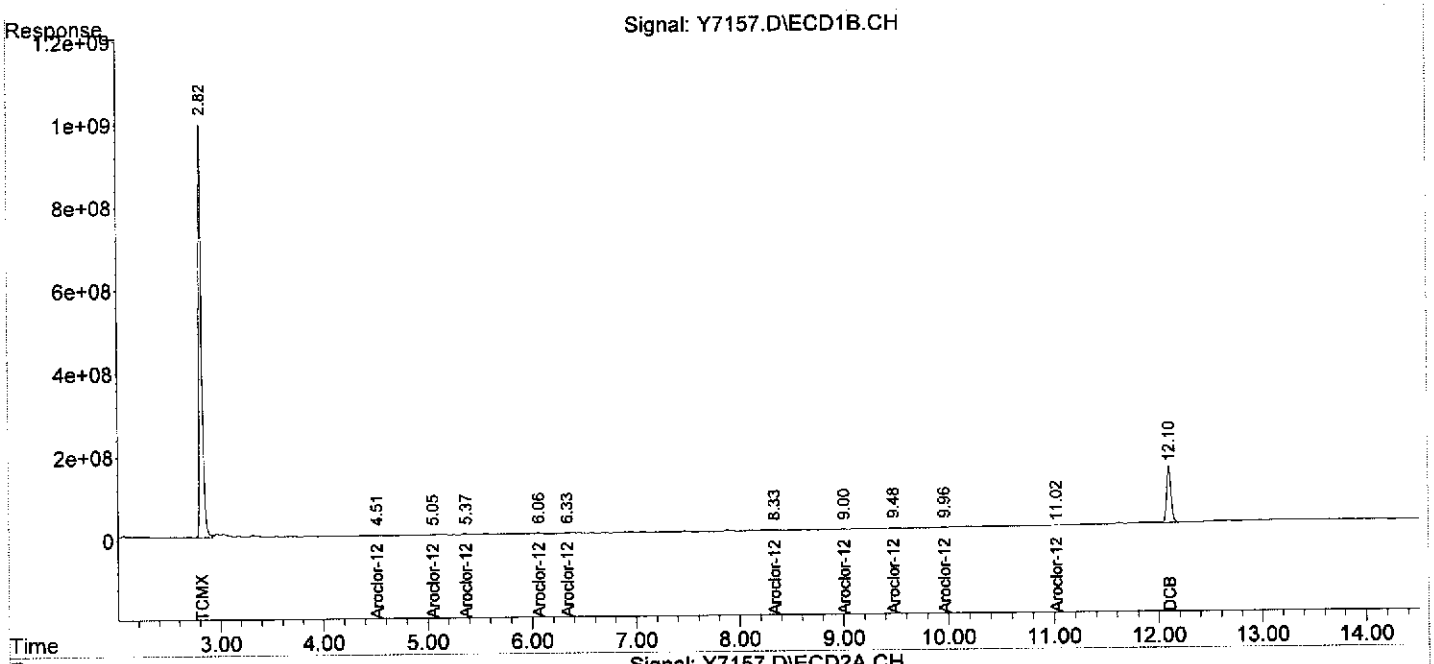
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

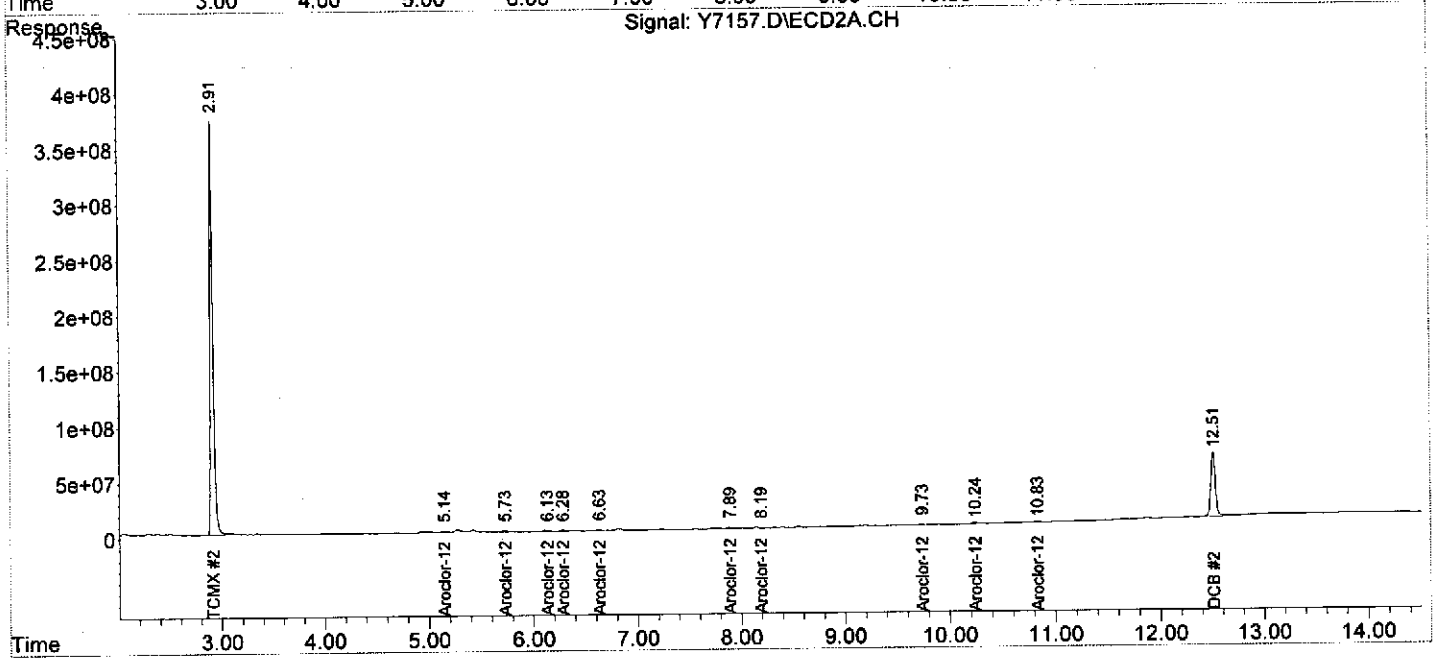
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-20-12\
Data File : Y7157.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Jul 2012 3:05
Operator : YG
Sample : I-34(2.0-4,06899-041,S,5.24g,36.0,07/19/12,4
Misc : 120719-10,07/11/12,07/11/12,1
ALS Vial : 80 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 16:06:40 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Fri Jul 13 10:01:46 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-20-12\
Data File : Y7158.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Jul 2012 3:22
Operator : YG
Sample : I-34(4.0-6,06899-042,S,5.20g,32.9,07/19/12,4
Misc : 120719-10,07/11/12,07/11/12,1
ALS Vial : 81 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 16:07:13 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Fri Jul 13 10:01:46 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	20302.3E6	7895.3E6	214.560	251.194
Spiked Amount 200.000			Recovery	=	107.28%	125.60%
2) S DCB	12.11	12.51	4289.5E6	1851.7E6	220.409m	242.932m
Spiked Amount 200.000			Recovery	=	110.20%	121.47%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.51	5.14	82739171	33104573	19.523	25.128 #
24) L6 Aroclor-1248 {2}	5.05	5.73	66889597	62630736	27.677	32.137
25) L6 Aroclor-1248 {3}	5.37	6.13	72942781	48453474	22.541	34.280 #
26) L6 Aroclor-1248 {4}	6.07	6.28	133.4E6	31013576	25.853	25.729
27) L6 Aroclor-1248 {5}	6.33	6.63	72719455	29045701	17.544	43.985 #
Sum Aroclor-1248			428.7E6	204.2E6	113.138	161.259
Average Aroclor-1248					22.628	32.252
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

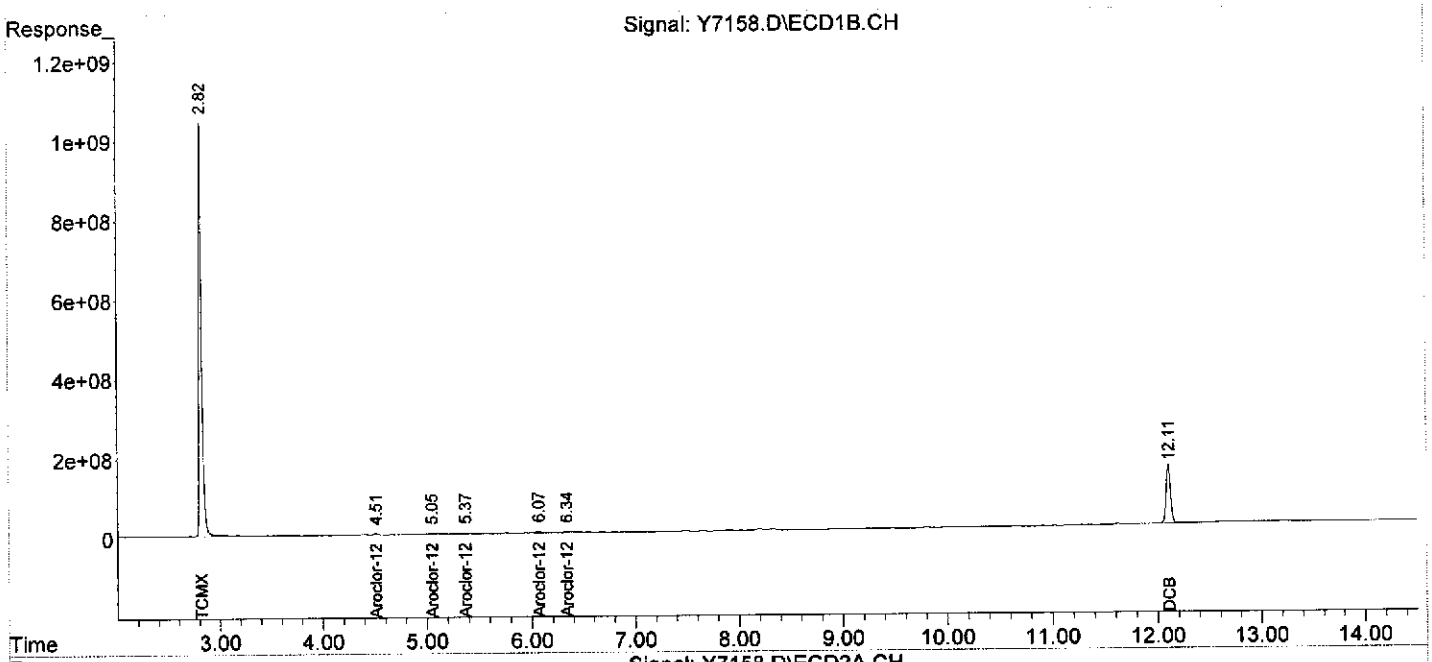
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

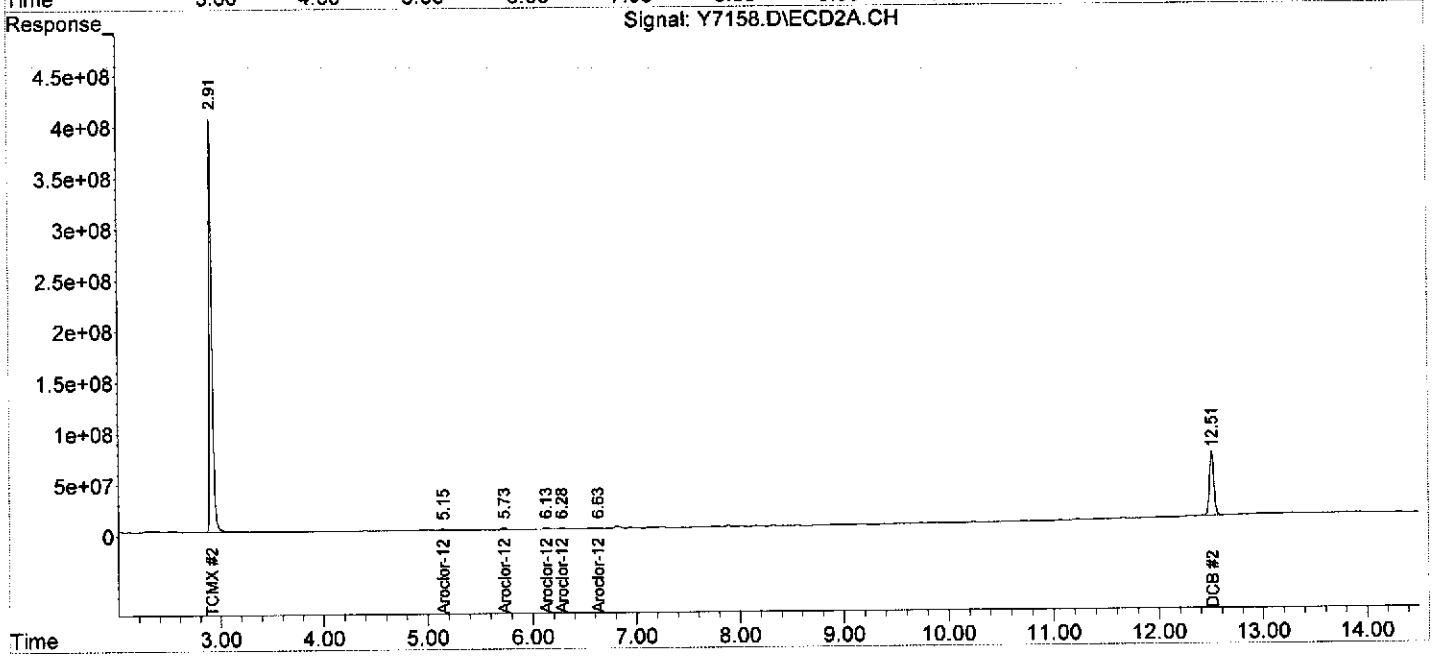
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-20-12\
Data File : Y7158.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Jul 2012 3:22
Operator : YG
Sample : I-34(4.0-6,06899-042,S,5.20g,32.9,07/19/12,4
Misc : 120719-10,07/11/12,07/11/12,1
ALS Vial : 81 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 16:07:13 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Fri Jul 13 10:01:46 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-22-12\
Data File : Y7210.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 2:16
Operator : YG
Sample : H-35(0-2.0,06899-043,S,5.38g,12.0,07/19/12,4
Misc : 120719-10,07/11/12,07/11/12,10
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 16:16:50 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.92	1847.1E6	737.4E6	19.521	23.462
Spiked Amount 200.000			Recovery =		9.76%	11.73%
2) S DCB	12.10	12.51	460.9E6	177.2E6	23.685m	23.250m
Spiked Amount 200.000			Recovery =		11.84%	11.63%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.52	5.15	2596.8E6	955.9E6	612.745	725.549
24) L6 Aroclor-1248 {2}	5.05	5.73	1312.8E6	1749.1E6	543.192	897.503 #
25) L6 Aroclor-1248 {3}	5.37	6.13	2057.3E6	1203.2E6	635.735	851.260 #
26) L6 Aroclor-1248 {4}	6.06	6.28	3338.6E6	754.6E6	646.925	625.980
27) L6 Aroclor-1248 {5}	6.33	6.63	2360.8E6	415.4E6	569.565	629.128
Sum Aroclor-1248			11666.3E6	5078.2E6	3008.162	3729.419
Average Aroclor-1248					601.632	745.884
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

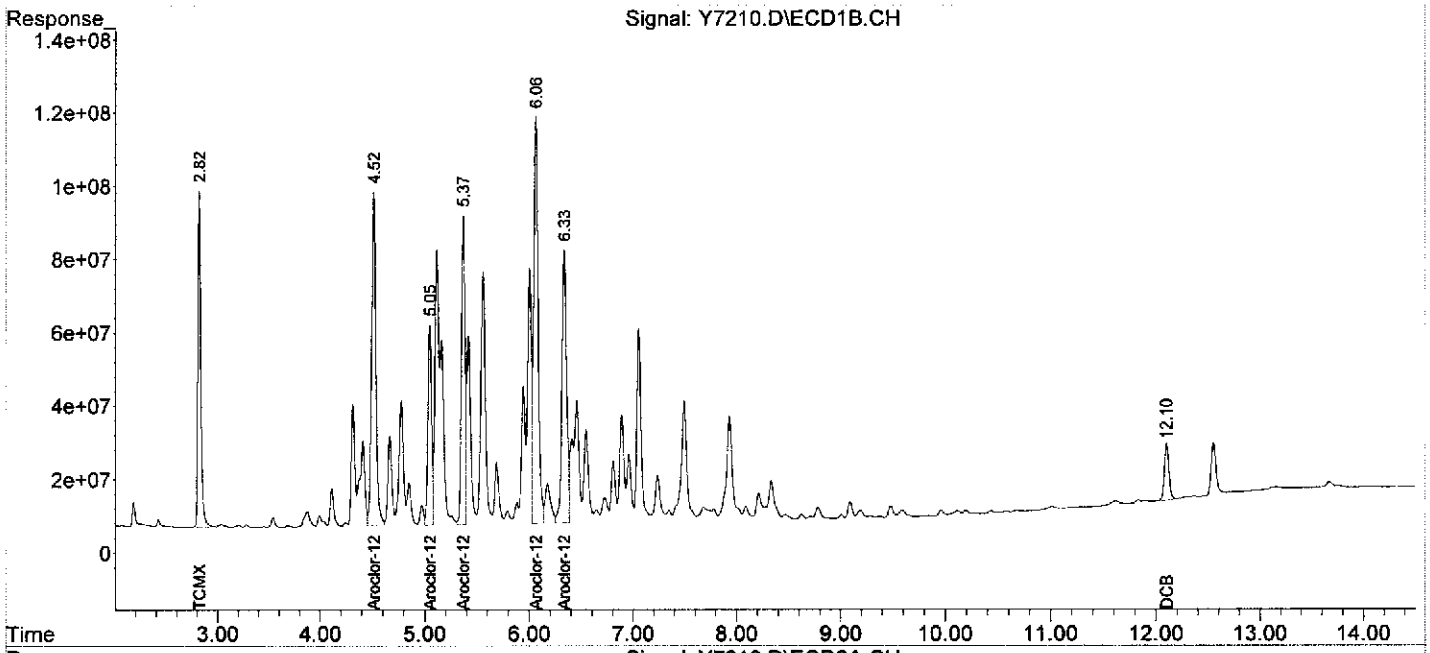
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

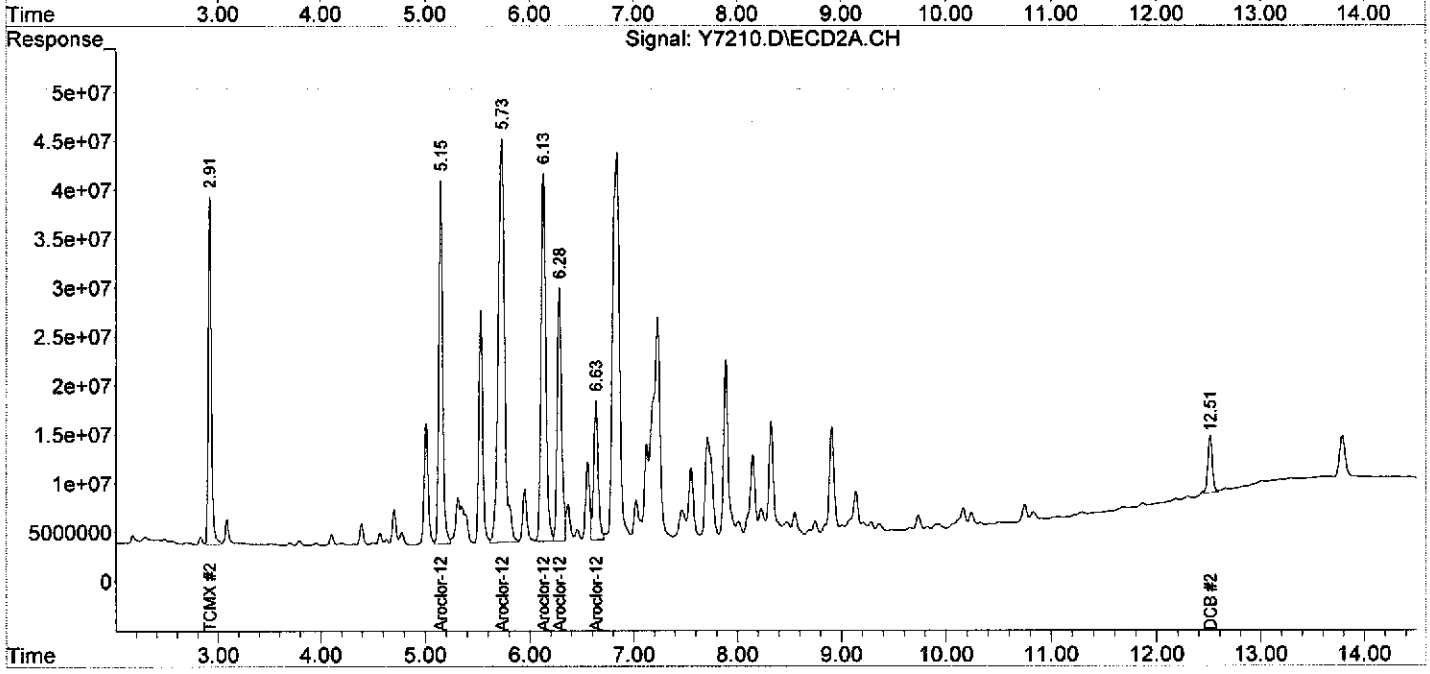
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-22-12\
Data File : Y7210.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 2:16
Operator : YG
Sample : H-35(0-2.0,06899-043,S,5.38g,12.0,07/19/12,4
Misc : 120719-10,07/11/12,07/11/12,10
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 16:16:50 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-22-12\
Data File : Y7211.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 2:34
Operator : YG
Sample : H-35(2.0-4,06899-044,S,5.45g,18.8,07/19/12,4
Misc : 120719-10,07/11/12,07/11/12,100
ALS Vial : 42 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 16:17:49 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.52	5.14	1612.4E6	586.1E6	380.450	444.875
24) L6 Aroclor-1248 {2}	5.05	5.73	626.2E6	764.1E6	259.083	392.075 #
25) L6 Aroclor-1248 {3}	5.37	6.13	938.4E6	569.8E6	289.969	403.147 #
26) L6 Aroclor-1248 {4}	6.06	6.28	1738.7E6	468.6E6	336.919	388.766
27) L6 Aroclor-1248 {5}	6.33	6.63	1330.9E6	252.1E6	321.083	381.726
Sum Aroclor-1248			6246.5E6	2640.7E6	1587.504	2010.589
Average Aroclor-1248					317.501	402.118
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

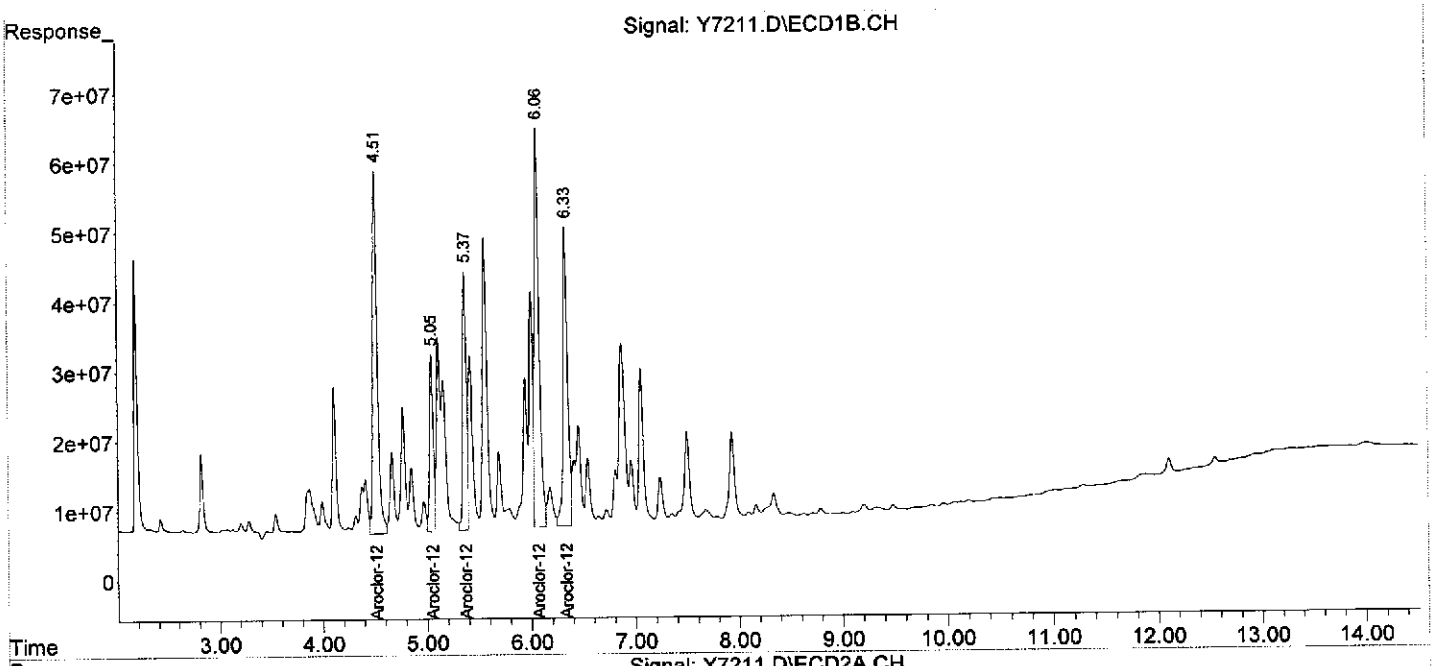
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

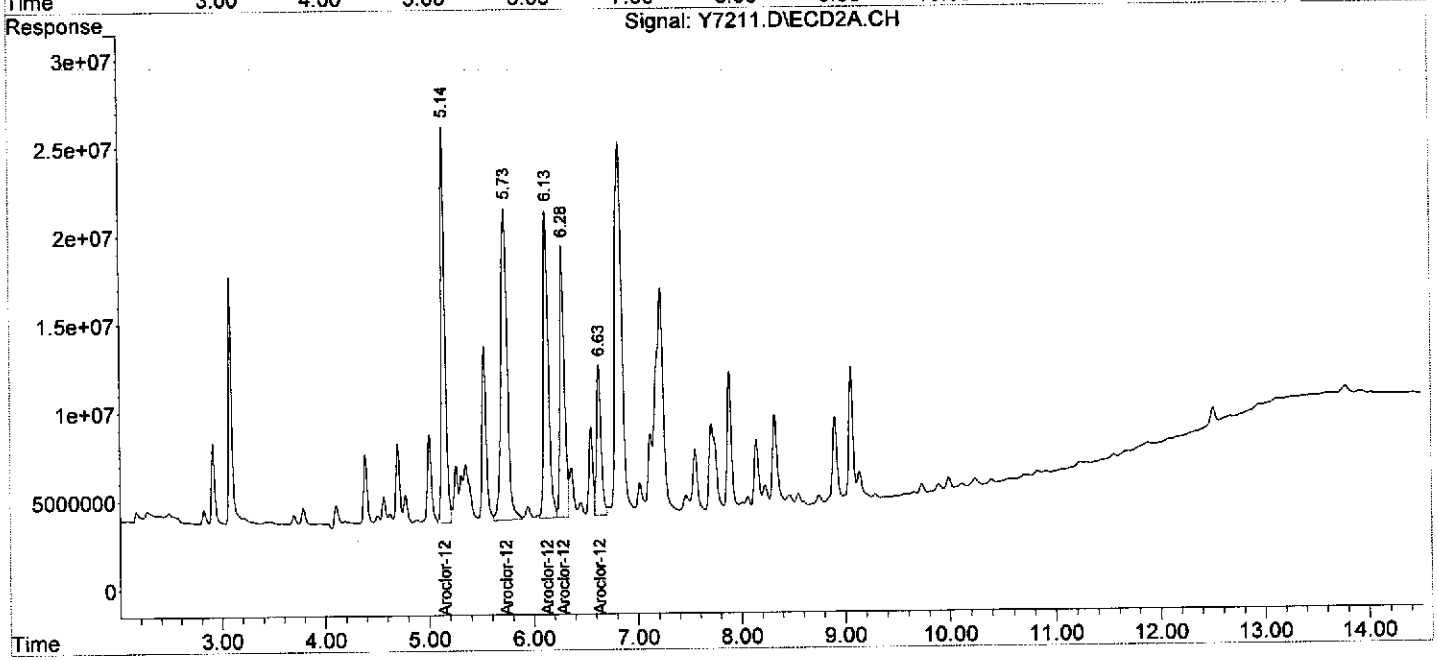
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-22-12\
Data File : Y7211.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 2:34
Operator : YG
Sample : H-35(2.0-4,06899-044,S,5.45g,18.8,07/19/12,4
Misc : 120719-10,07/11/12,07/11/12,100
ALS Vial : 42 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 16:17:49 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-22-12\
Data File : Y7212.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 2:51
Operator : YG
Sample : H-35(4.0-6,06899-045,S,5.42g,44.6,07/19/12,4
Misc : 120719-10,07/11/12,07/11/12,1
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 16:18:06 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	20989.8E6	8475.5E6	221.826	269.654
Spiked Amount 200.000			Recovery	=	110.91%	134.83%
2) S DCB	12.10	12.51	4947.2E6	2221.5E6	254.204m	291.446
Spiked Amount 200.000			Recovery	=	127.10%	145.72%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

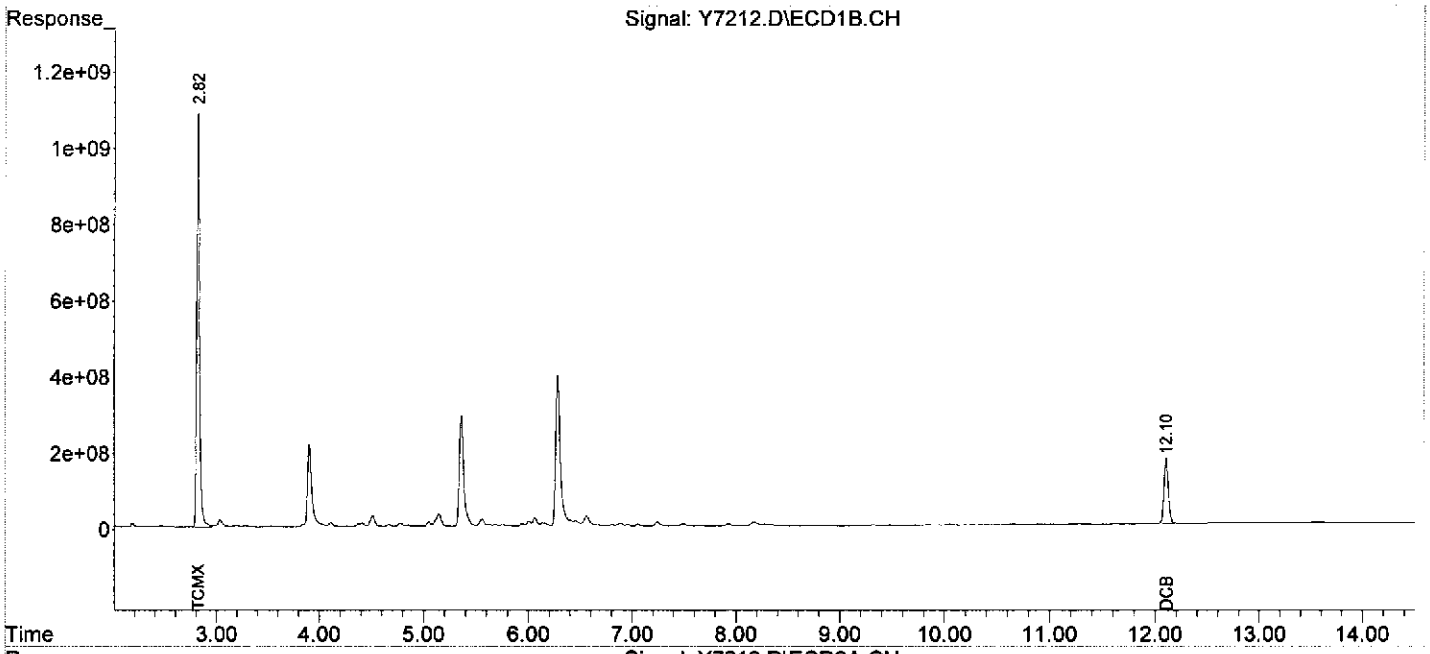
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

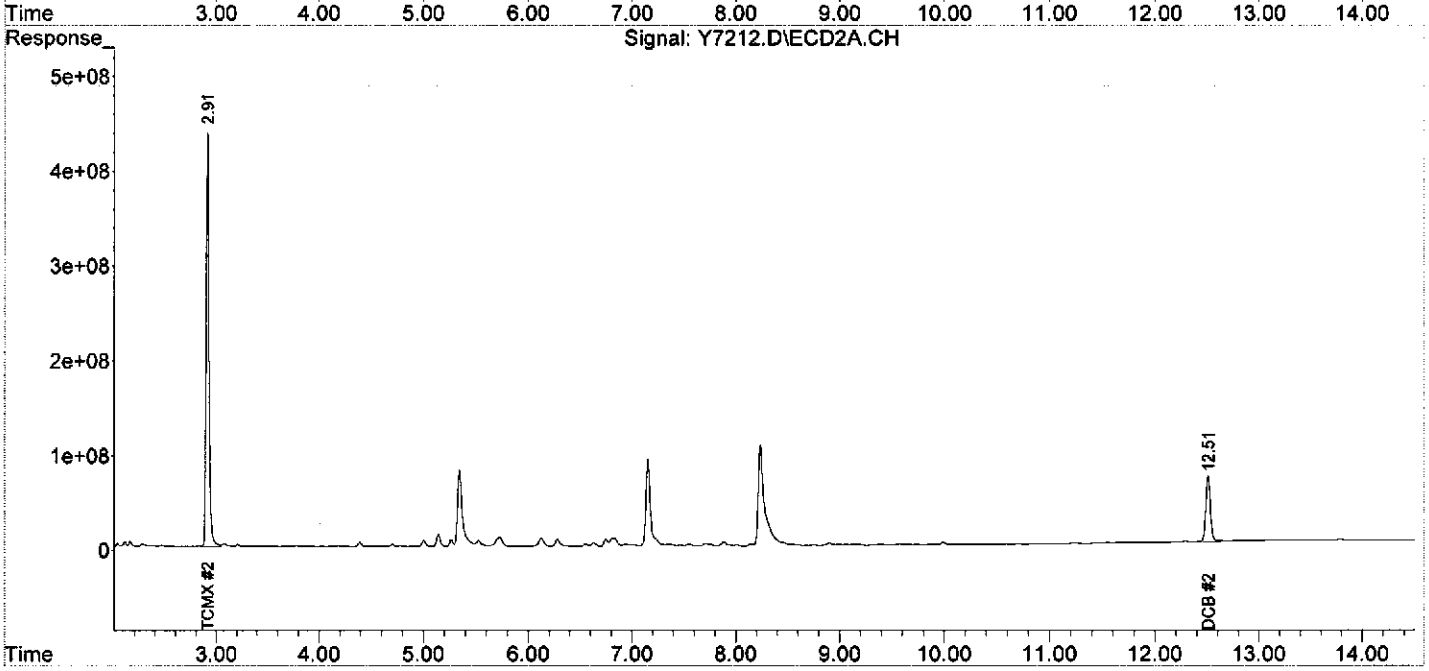
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-22-12\
Data File : Y7212.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 2:51
Operator : YG
Sample : H-35(4.0-6,06899-045,S,5.42g,44.6,07/19/12,4
Misc : 120719-10,07/11/12,07/11/12,1
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 16:18:06 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-22-12\
Data File : Y7213.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 3:08
Operator : YG
Sample : H-34(0-2.0,06899-046,S,5.08g,10.2,07/19/12,4
Misc : 120719-10,07/11/12,07/11/12,10
ALS Vial : 44 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 16:18:27 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.92	1877.1E6	744.8E6	19.838	23.696
Spiked Amount 200.000			Recovery =		9.92%	11.85%
2) S DCB	12.11	12.51	393.8E6	176.9E6	20.233m	23.204m
Spiked Amount 200.000			Recovery =		10.12%	11.60%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.52	5.15	6500.8E6	2361.9E6	1533.906	1792.814
24) L6 Aroclor-1248 {2}	5.05	5.73	2985.2E6	3823.3E6	1235.188	1961.841 #
25) L6 Aroclor-1248 {3}	5.37	6.13	3748.9E6	2198.3E6	1158.486	1555.286 #
26) L6 Aroclor-1248 {4}	6.06	6.28	9450.6E6	2125.5E6	1831.268	1763.288
27) L6 Aroclor-1248 {5}	6.34	6.63	6375.8E6	996.6E6	1538.226	1509.241
Sum Aroclor-1248			29061.3E6	11505.7E6	7297.075	8582.470
Average Aroclor-1248					1459.415	1716.494
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

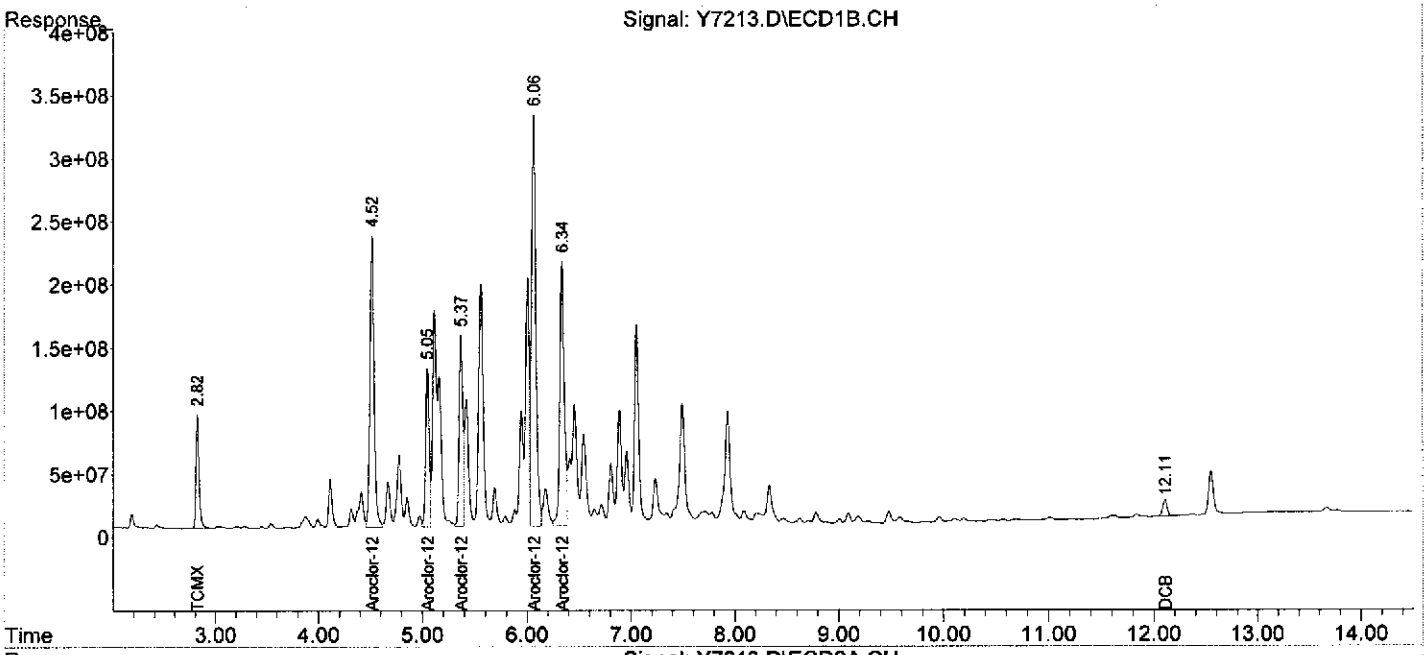
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

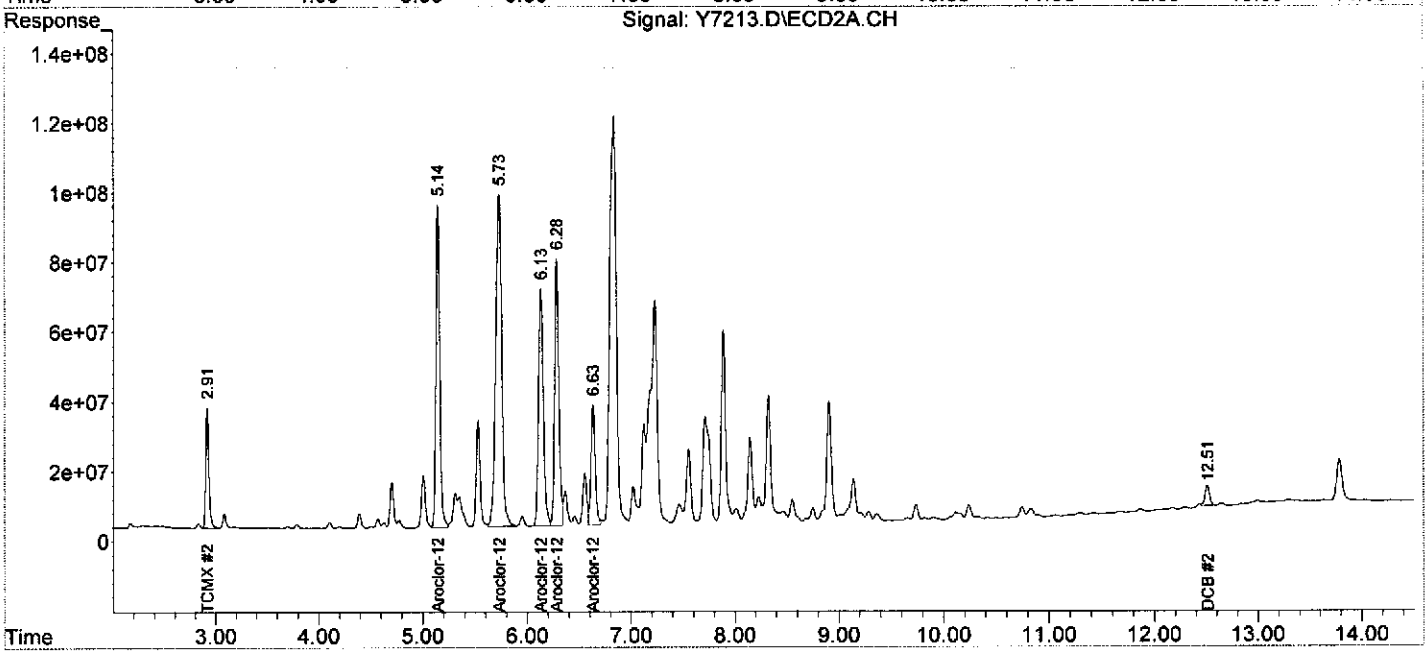
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-22-12\
Data File : Y7213.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 3:08
Operator : YG
Sample : H-34(0-2.0,06899-046,S,5.08g,10.2,07/19/12,4
Misc : 120719-10,07/11/12,07/11/12,10
ALS Vial : 44 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 16:18:27 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-22-12\
Data File : Y7214.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 3:25
Operator : YG
Sample : H-34(2.0-4,06899-047,S,5.88g,9.50,07/19/12,4
Misc : 120719-10,07/11/12,07/11/12,1
ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 16:18:54 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	20623.2E6	7822.5E6	217.951	248.880
Spiked Amount 200.000			Recovery	=	108.98%	124.44%
2) S DCB	12.10	12.51	2618.8E6	1852.2E6	134.560m	242.989m#
Spiked Amount 200.000			Recovery	=	67.28%	121.49%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.51	5.14	7922.7E6	2667.7E6	1869.425	2024.860
24) L6 Aroclor-1248 {2}	5.05	5.73	2404.5E6	2744.6E6	994.912	1408.325 #
25) L6 Aroclor-1248 {3}	5.36	6.13	2744.0E6	1846.4E6	847.933	1306.336 #
26) L6 Aroclor-1248 {4}	6.07	6.28	5122.7E6	1434.6E6	992.646	1190.188
27) L6 Aroclor-1248 {5}	6.33	6.63	3692.8E6	644.5E6	890.933	975.966
Sum Aroclor-1248			21886.7E6	9337.8E6	5595.849	6905.674
Average Aroclor-1248					1119.170	1381.135
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

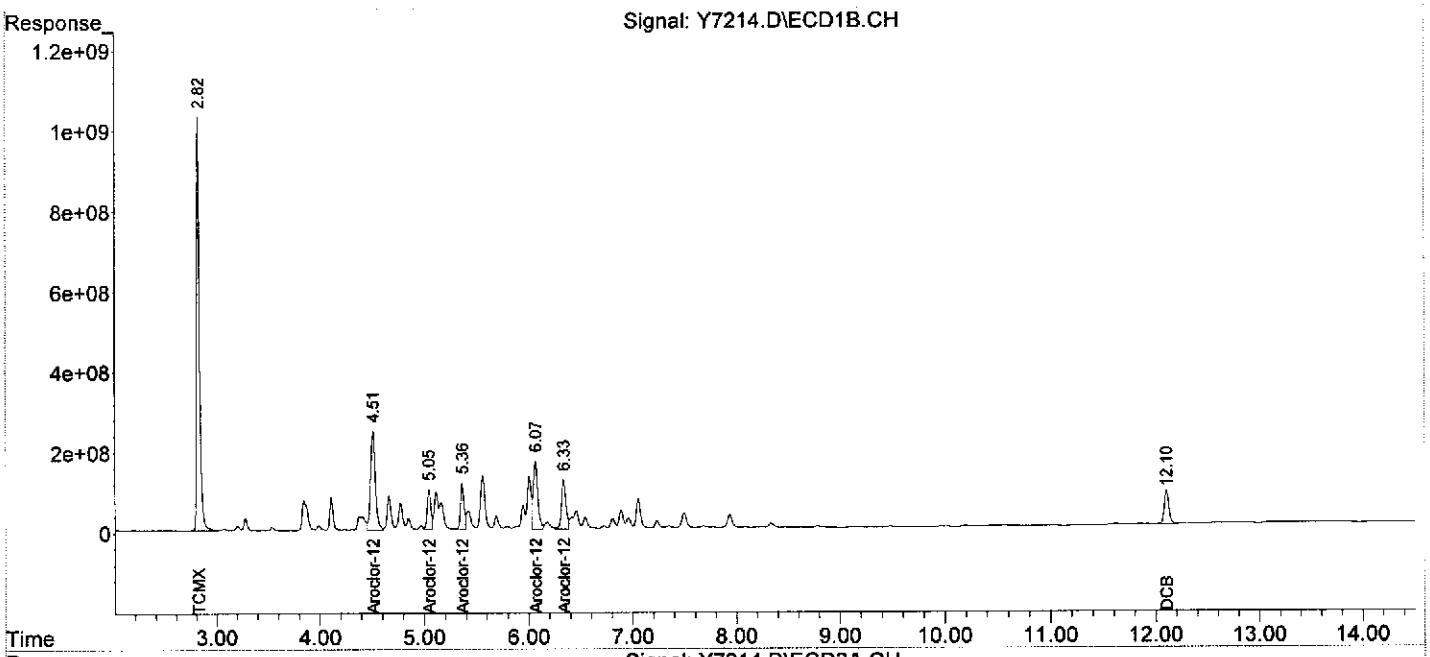
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

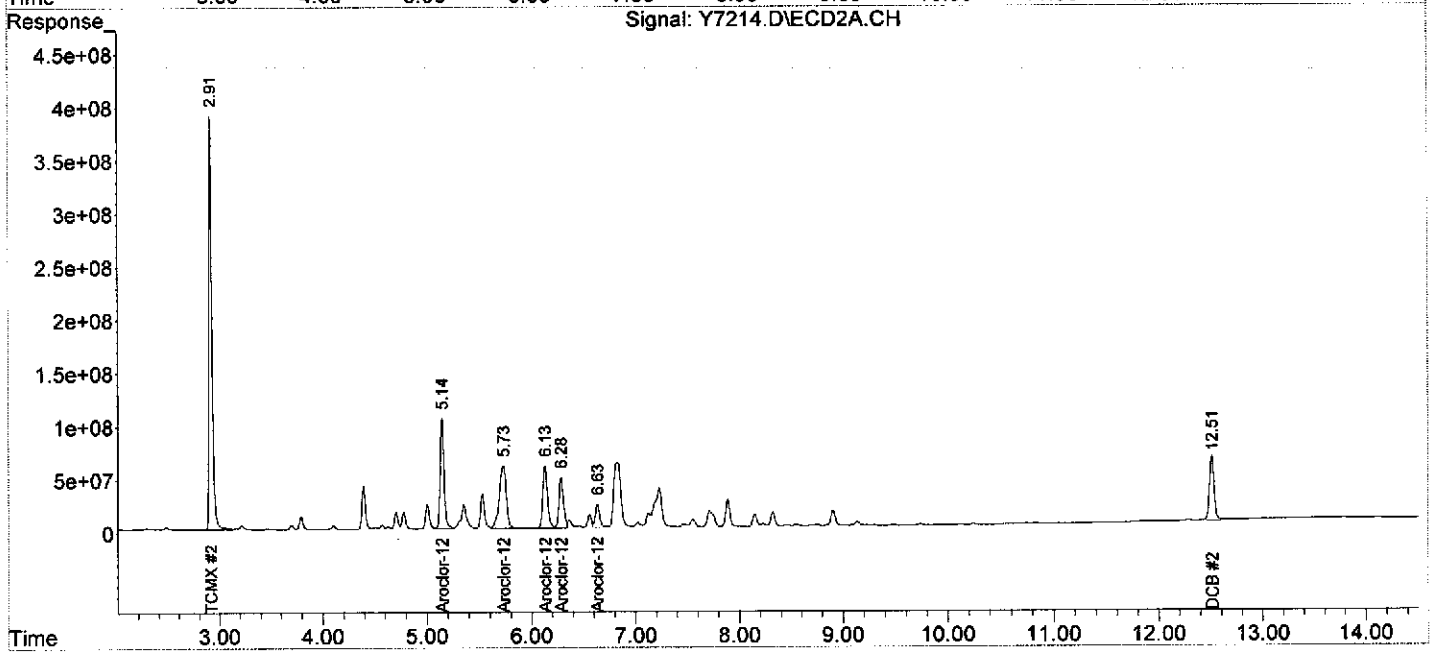
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-22-12\
Data File : Y7214.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 3:25
Operator : YG
Sample : H-34(2.0-4,06899-047,S,5.88g,9.50,07/19/12,4
Misc : 120719-10,07/11/12,07/11/12,1
ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 16:18:54 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-22-12\
Data File : Y7215.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 3:42
Operator : YG
Sample : H-34(4.0-6,06899-048,S,5.40g,31.1,07/19/12,4
Misc : 120719-10,07/11/12,07/11/12,1
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 16:19:20 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	20349.2E6	8119.3E6	215.056	258.321
Spiked Amount 200.000			Recovery	=	107.53%	129.16%
2) S DCB	12.11	12.51	2902.9E6	1865.1E6	149.162m	244.693m#
Spiked Amount 200.000			Recovery	=	74.58%	122.35%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

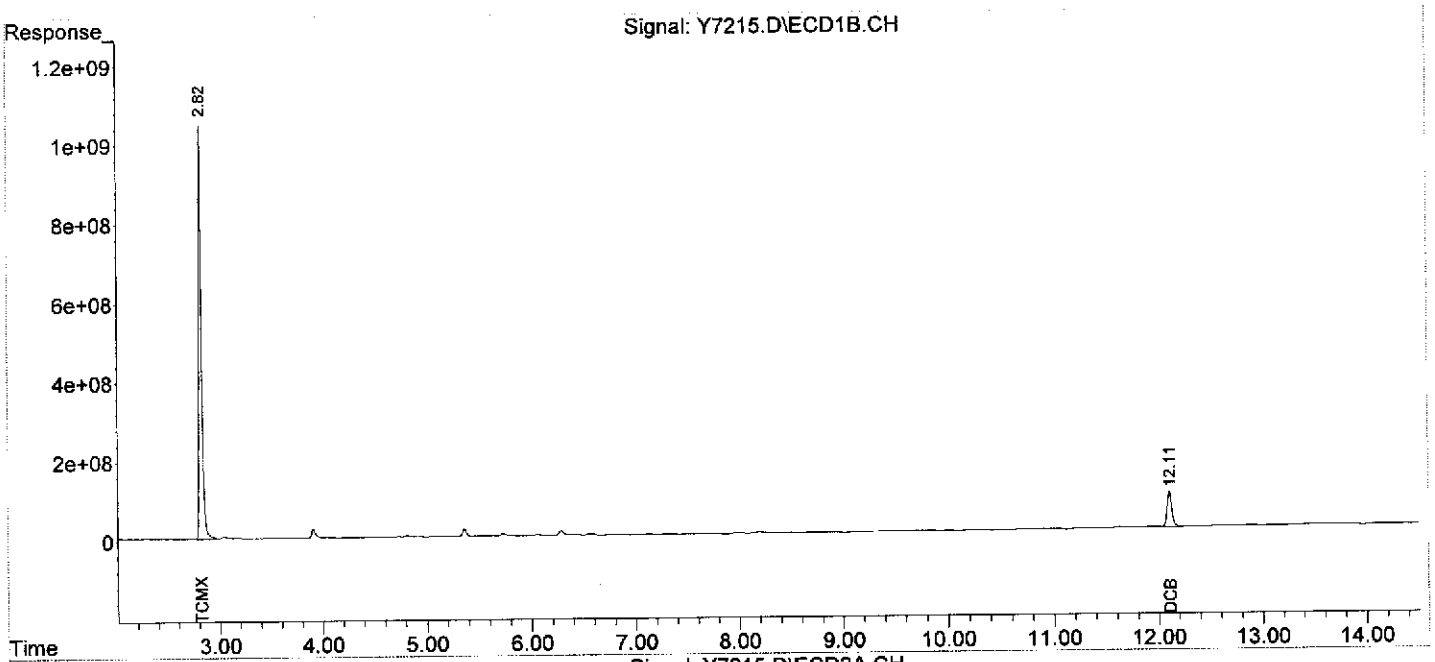
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

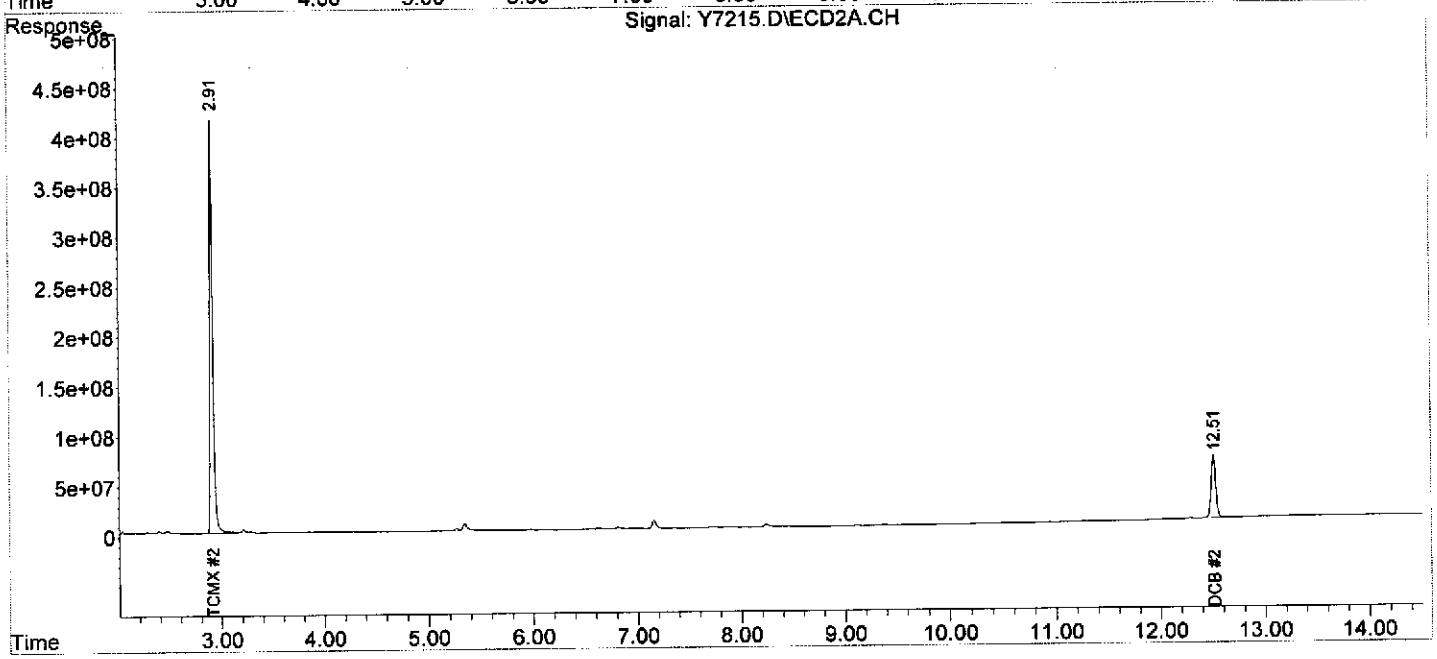
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-22-12\
Data File : Y7215.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 3:42
Operator : YG
Sample : H-34(4.0-6,06899-048,S,5.40g,31.1,07/19/12,4
Misc : 120719-10,07/11/12,07/11/12,1
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 16:19:20 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-17-12\
Data File : Y6910.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Jul 2012 14:12
Operator : YG
Sample : FB-10,06899-049,A,1000ml,100,07/16/12,1
Misc : 120716-11,07/11/12,07/11/12,1
ALS Vial : 71 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 19 08:59:22 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Fri Jul 13 10:01:46 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	13346.8E6	5009.2E6	141.053	159.370
Spiked Amount 200.000			Recovery	=	70.53%	79.69%
2) S DCB	12.11	12.52	2718.4E6	1181.5E6	139.681m	155.002m
Spiked Amount 200.000			Recovery	=	69.84%	77.50%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

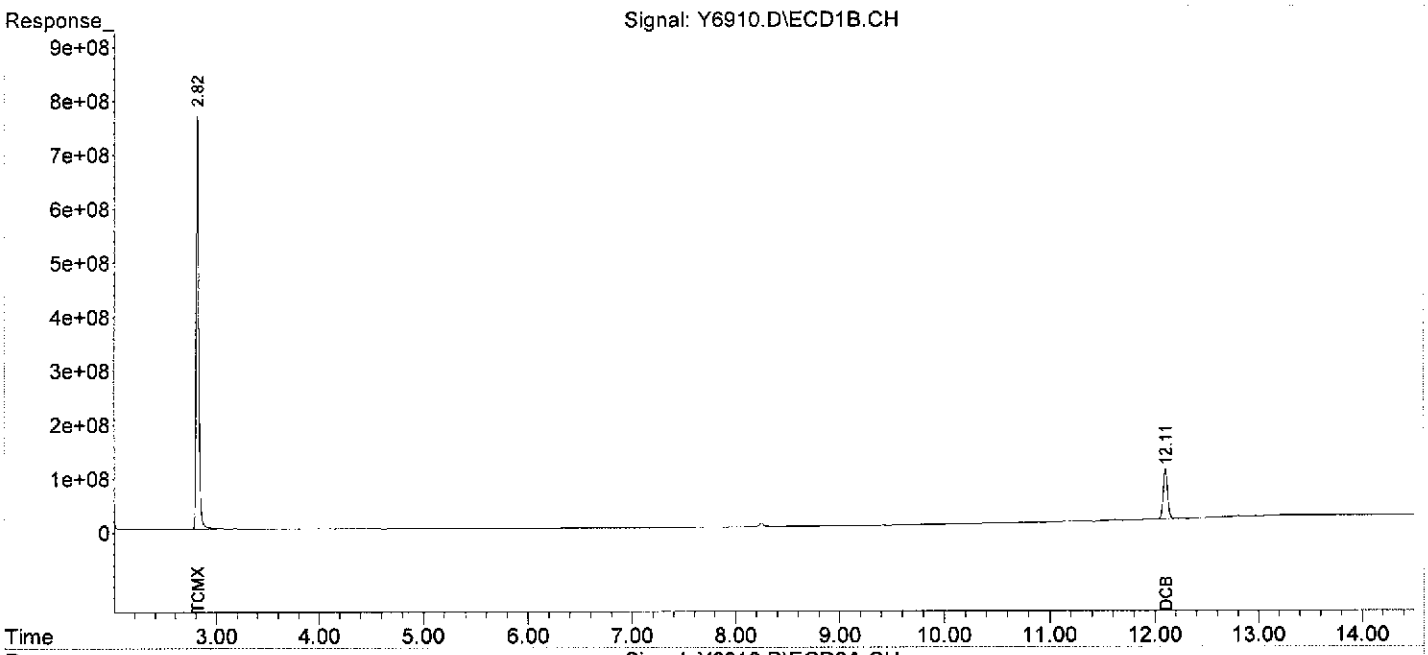
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

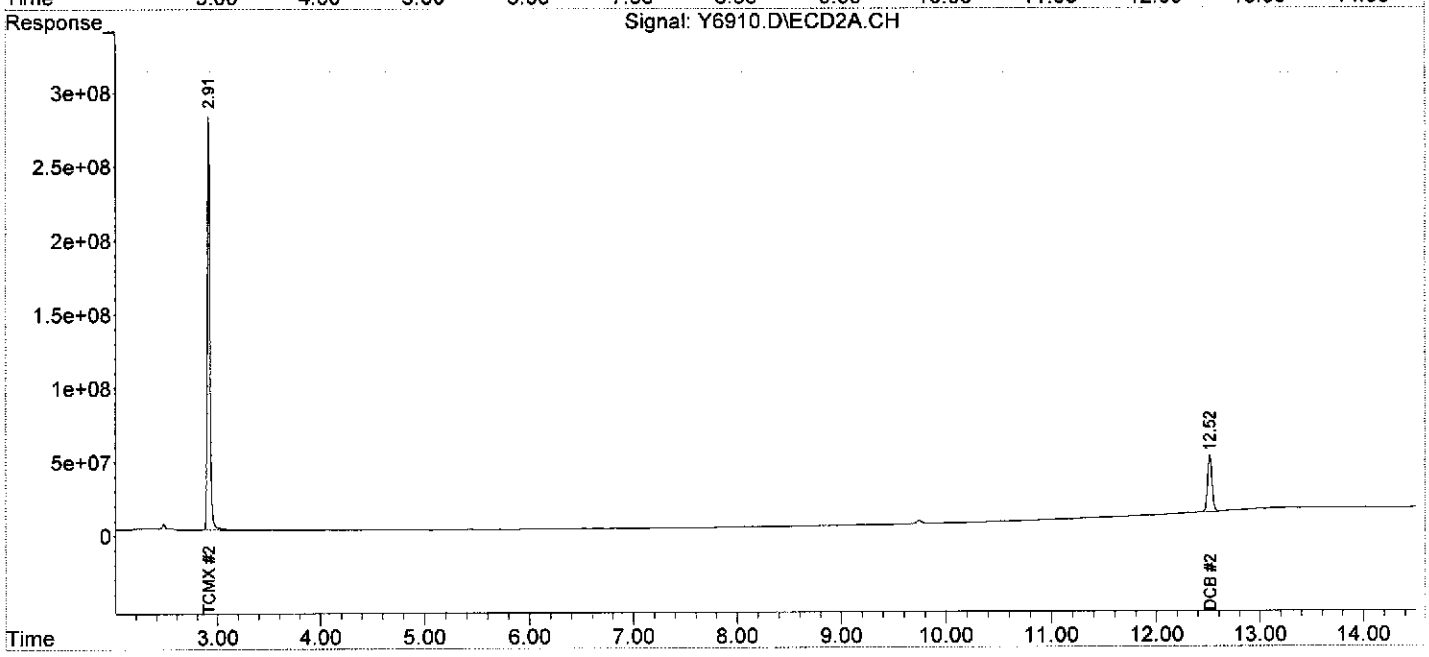
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-17-12\
Data File : Y6910.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Jul 2012 14:12
Operator : YG
Sample : FB-10,06899-049,A,1000ml,100,07/16/12,1
Misc : 120716-11,07/11/12,07/11/12,1
ALS Vial : 71 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 19 08:59:22 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Fri Jul 13 10:01:46 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKA120712-10
Client ID: PCB
Date Received: NA
Date Extracted: 07/12/2012
Date Analyzed: 07/16/2012
Data file: R1676.D

GC Column: DB-5/DB1701P
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.050	0.020
Aroclor-1221	ND		0.050	0.020
Aroclor-1232	ND		0.050	0.020
Aroclor-1242	ND		0.050	0.020
Aroclor-1248	ND		0.050	0.020
Aroclor-1254	ND		0.050	0.020
Aroclor-1260	ND		0.050	0.020
Aroclor-1262	ND		0.050	0.020
Aroclor-1268	ND		0.050	0.020
PCBs	ND		0.050	0.020

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKA120716-11
Client ID: PCB
Date Received: NA
Date Extracted: 07/16/2012
Date Analyzed: 07/18/2012
Data file: Y6906.D

GC Column: DB-5/DB1701P
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.050	0.020
Aroclor-1221	ND		0.050	0.020
Aroclor-1232	ND		0.050	0.020
Aroclor-1242	ND		0.050	0.020
Aroclor-1248	ND		0.050	0.020
Aroclor-1254	ND		0.050	0.020
Aroclor-1260	ND		0.050	0.020
Aroclor-1262	ND		0.050	0.020
Aroclor-1268	ND		0.050	0.020
PCBs	ND		0.050	0.020

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-17-12\
Data File : Y6906.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Jul 2012 11:46
Operator : YG
Sample : PCB,BLKA120716-11,A,1000ml,100,07/16/12,1
Misc : NA,NA,NA,1
ALS Vial : 67 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 19 08:57:39 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Fri Jul 13 10:01:46 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	14198.7E6	5361.6E6	150.056	170.583
Spiked Amount 200.000			Recovery	=	75.03%	85.29%
2) S DCB	12.10	12.52	2807.6E6	1504.7E6	144.264m	197.402 #
Spiked Amount 200.000			Recovery	=	72.13%	98.70%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

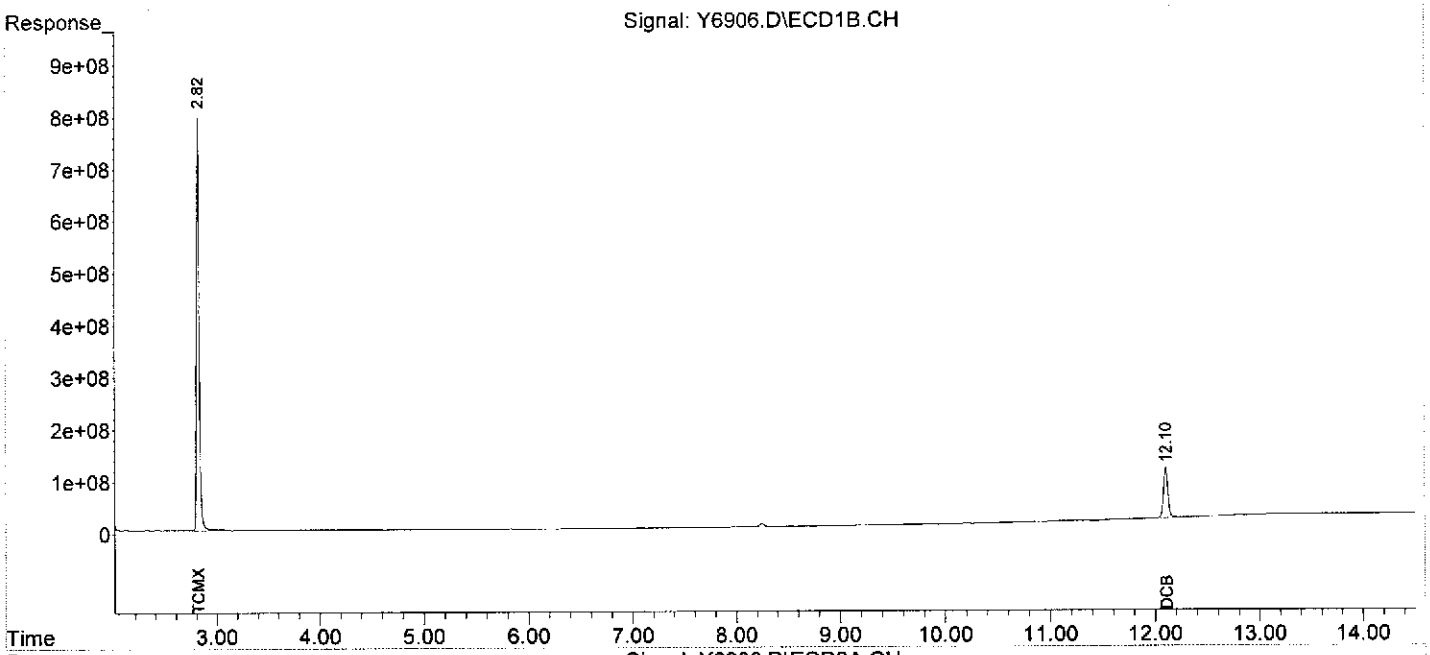
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

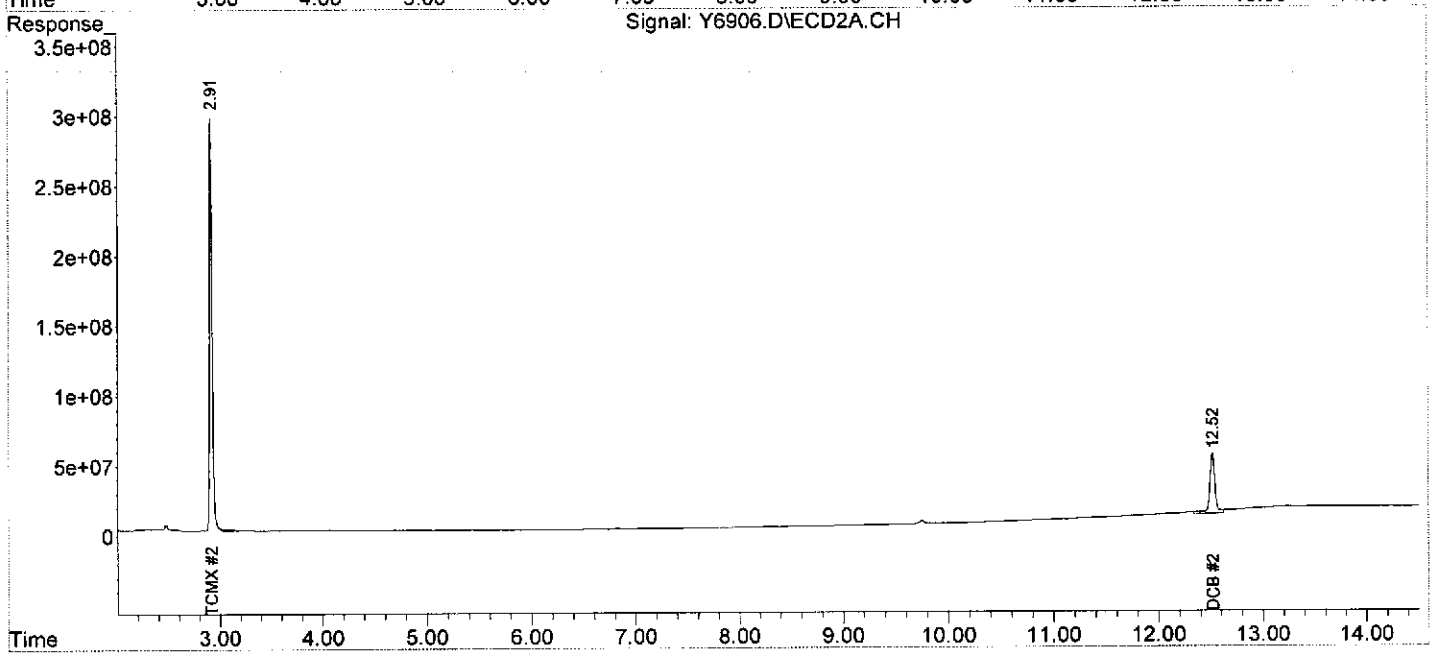
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-17-12\
Data File : Y6906.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Jul 2012 11:46
Operator : YG
Sample : PCB,BLKA120716-11,A,1000ml,100,07/16/12,1
Misc : NA,NA,NA,1
ALS Vial : 67 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 19 08:57:39 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Fri Jul 13 10:01:46 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKS120719-10
Client ID: PCB
Date Received: NA
Date Extracted: 07/19/2012
Date Analyzed: 07/21/2012
Data file: Y7146.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: NA

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.040	0.016
Aroclor-1221	ND		0.040	0.016
Aroclor-1232	ND		0.040	0.016
Aroclor-1242	ND		0.040	0.016
Aroclor-1248	ND		0.040	0.016
Aroclor-1254	ND		0.040	0.016
Aroclor-1260	ND		0.040	0.016
Aroclor-1262	ND		0.040	0.016
Aroclor-1268	ND		0.040	0.016
PCBs	ND		0.040	0.016

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-20-12\
Data File : Y7146.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 21 Jul 2012 23:56
Operator : YG
Sample : PCB,BLKS120719-10,S,5.00g,0,07/19/12,4
Misc : NA,NA,NA,1
ALS Vial : 69 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 15:45:10 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Fri Jul 13 10:01:46 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	18947.5E6	7005.9E6	200.242	222.898
Spiked Amount 200.000			Recovery	=	100.12%	111.45%
2) S DCB	12.10	12.51	4051.9E6	1654.0E6	208.201m	216.988m
Spiked Amount 200.000			Recovery	=	104.10%	108.49%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

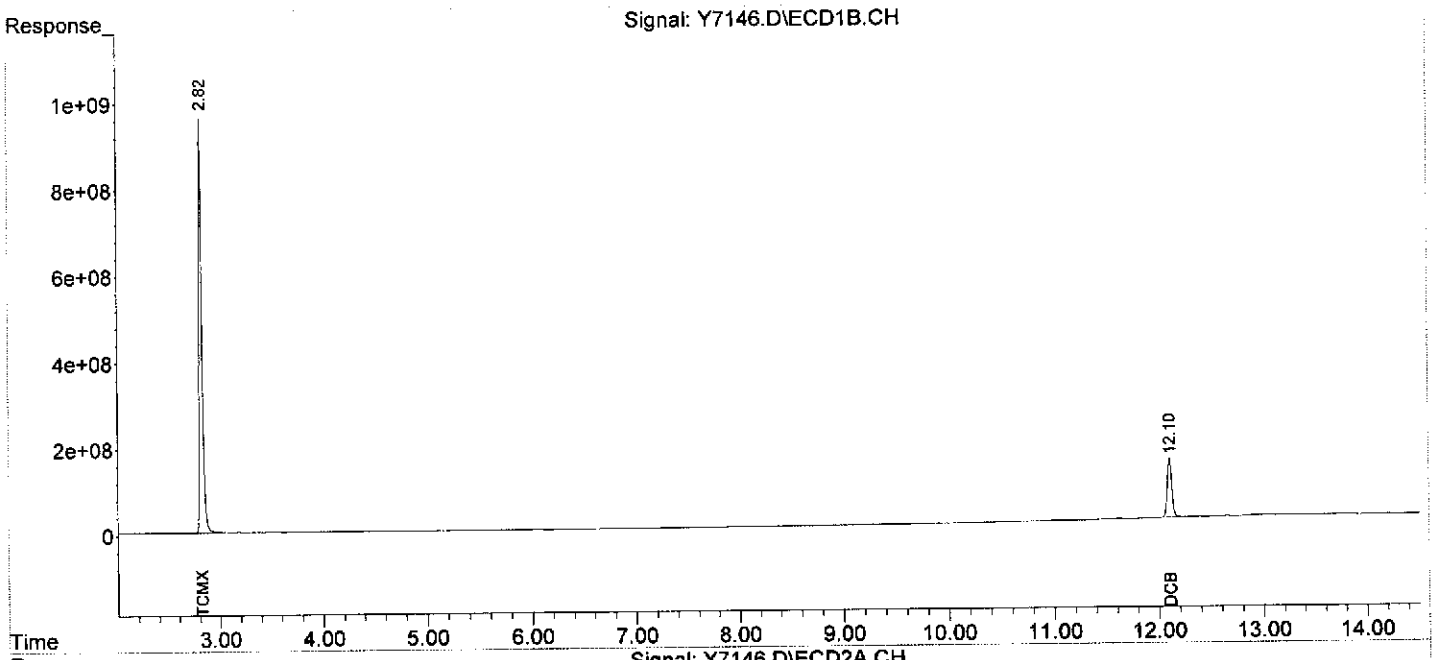
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

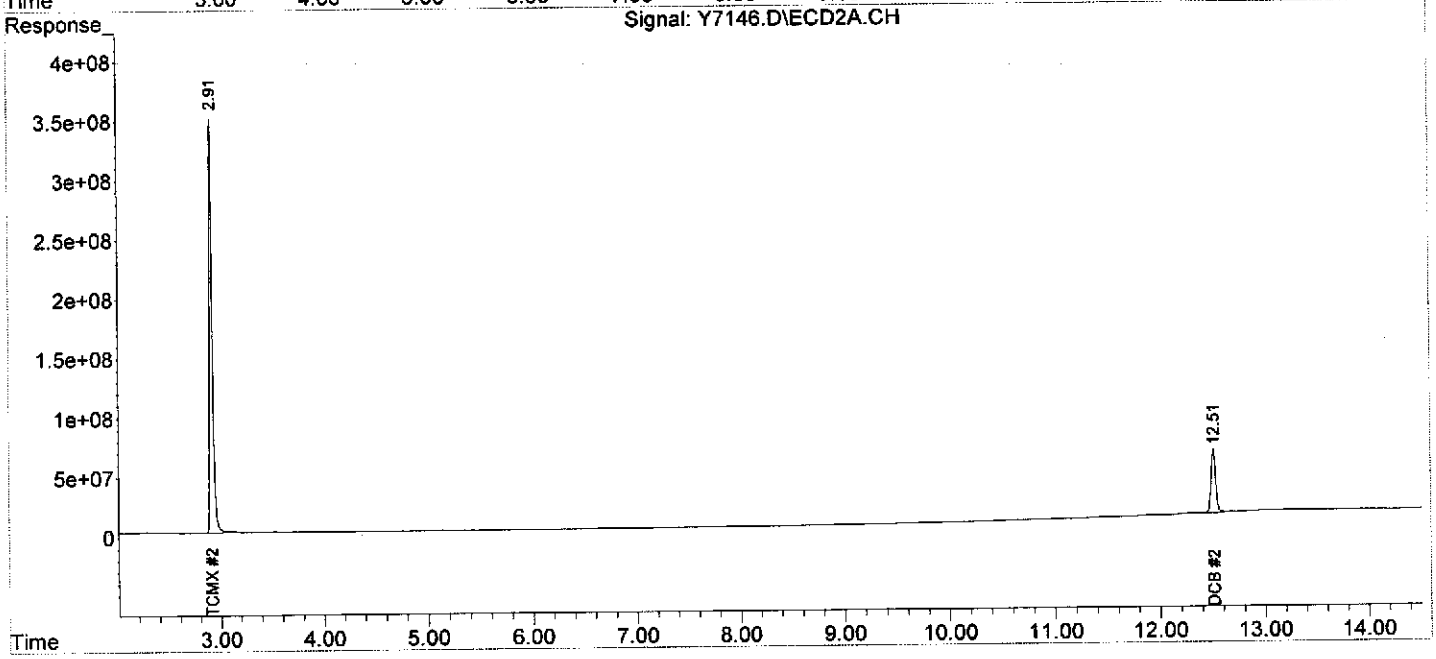
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-20-12\
Data File : Y7146.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 21 Jul 2012 23:56
Operator : YG
Sample : PCB,BLKS120719-10,S,5.00g,0,07/19/12,4
Misc : NA,NA,NA,1
ALS Vial : 69 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 25 15:45:10 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Fri Jul 13 10:01:46 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKS120719-06
Client ID: PCB
Date Received: NA
Date Extracted: 07/19/2012
Date Analyzed: 07/23/2012
Data file: Y7235.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: NA

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.040	0.016
Aroclor-1221	ND		0.040	0.016
Aroclor-1232	ND		0.040	0.016
Aroclor-1242	ND		0.040	0.016
Aroclor-1248	ND		0.040	0.016
Aroclor-1254	ND		0.040	0.016
Aroclor-1260	ND		0.040	0.016
Aroclor-1262	ND		0.040	0.016
Aroclor-1268	ND		0.040	0.016
PCBs	ND		0.040	0.016

E12-06899 0255

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7235.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 15:09
Operator : YG
Sample : PCB,BLKS120719-06,S,5.00g,0,07/19/12,4
Misc : NA,NA,NA,1
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 23 15:40:38 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.81	2.92	20159.8E6	6887.7E6	213.054	219.136
Spiked Amount 200.000			Recovery	=	106.53%	109.57%
2) S DCB	12.10	12.52	3974.4E6	1425.1E6	204.217	186.964m
Spiked Amount 200.000			Recovery	=	102.11%	93.48%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

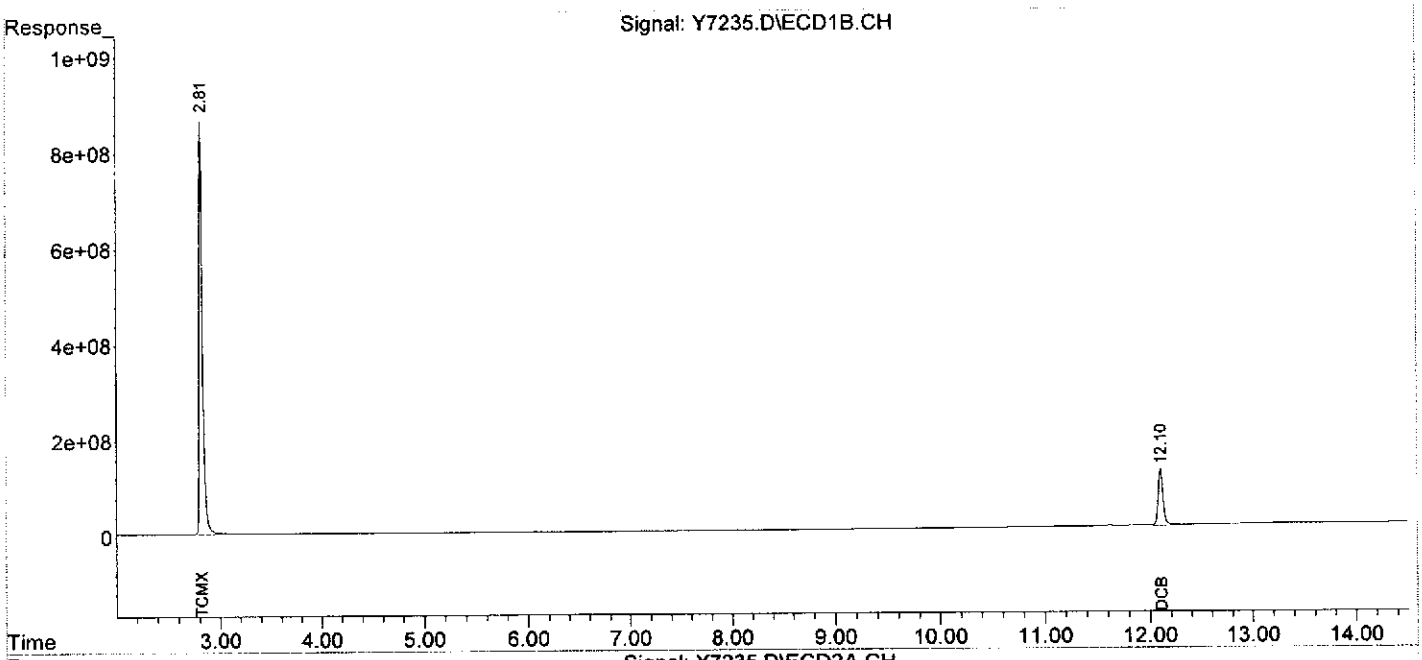
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

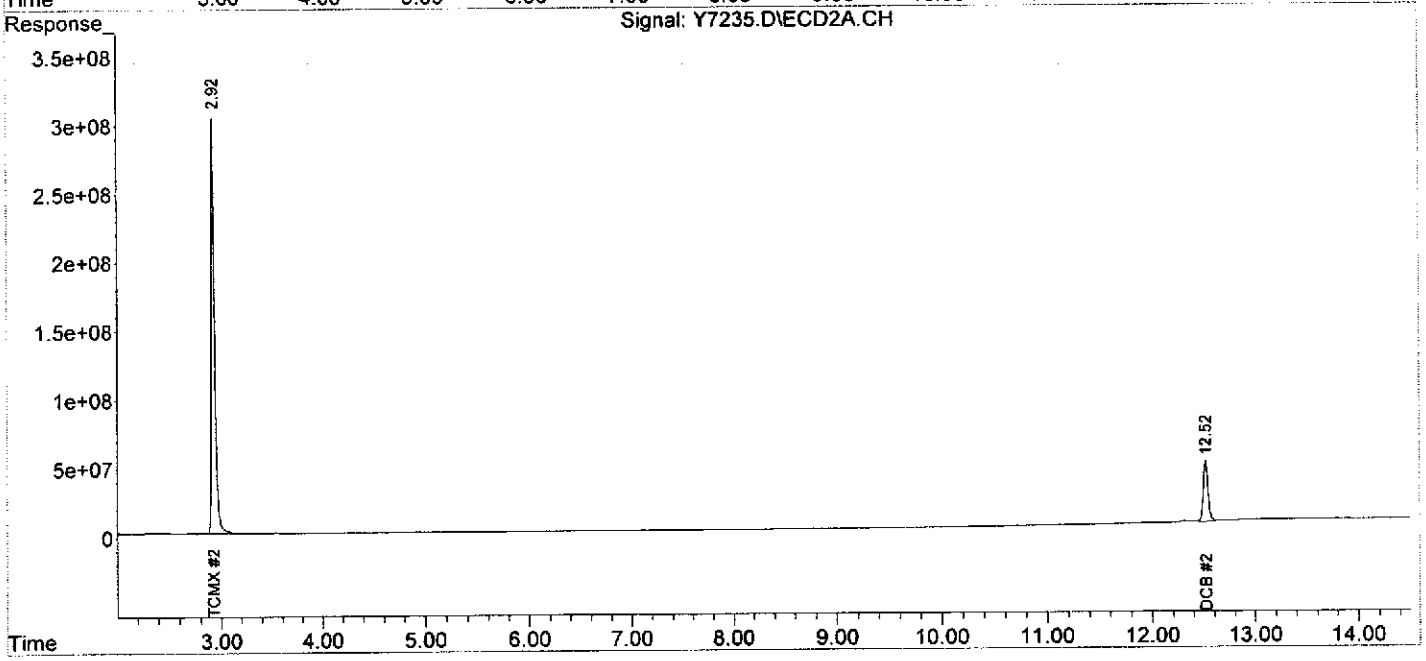
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7235.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Jul 2012 15:09
Operator : YG
Sample : PCB,BLKS120719-06,S,5.00g,0,07/19/12,4
Misc : NA,NA,NA,1
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 23 15:40:38 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKS120719-09
Client ID: PCB
Date Received: NA
Date Extracted: 07/19/2012
Date Analyzed: 07/25/2012
Data file: R1929.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: NA

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.040	0.016
Aroclor-1221	ND		0.040	0.016
Aroclor-1232	ND		0.040	0.016
Aroclor-1242	ND		0.040	0.016
Aroclor-1248	ND		0.040	0.016
Aroclor-1254	ND		0.040	0.016
Aroclor-1260	ND		0.040	0.016
Aroclor-1262	ND		0.040	0.016
Aroclor-1268	ND		0.040	0.016
PCBs	ND		0.040	0.016

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-25-12\
Data File : R1929.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Jul 2012 18:52
Operator : YG
Sample : PCB,BLKS120719-09,S,5.00g,0,07/19/12,4
Misc : NA,NA,NA,1
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 26 14:44:37 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0725.M
Quant Title :
QLast Update : Wed Jul 25 16:01:09 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.47	3.41	42596.9E6	31480.1E6	259.707	258.374
Spiked Amount 200.000			Recovery	=	129.85%	129.19%
2) S DCB	13.10	13.22	12820.4E6	6557.1E6	193.133	232.547
Spiked Amount 200.000			Recovery	=	96.57%	116.27%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

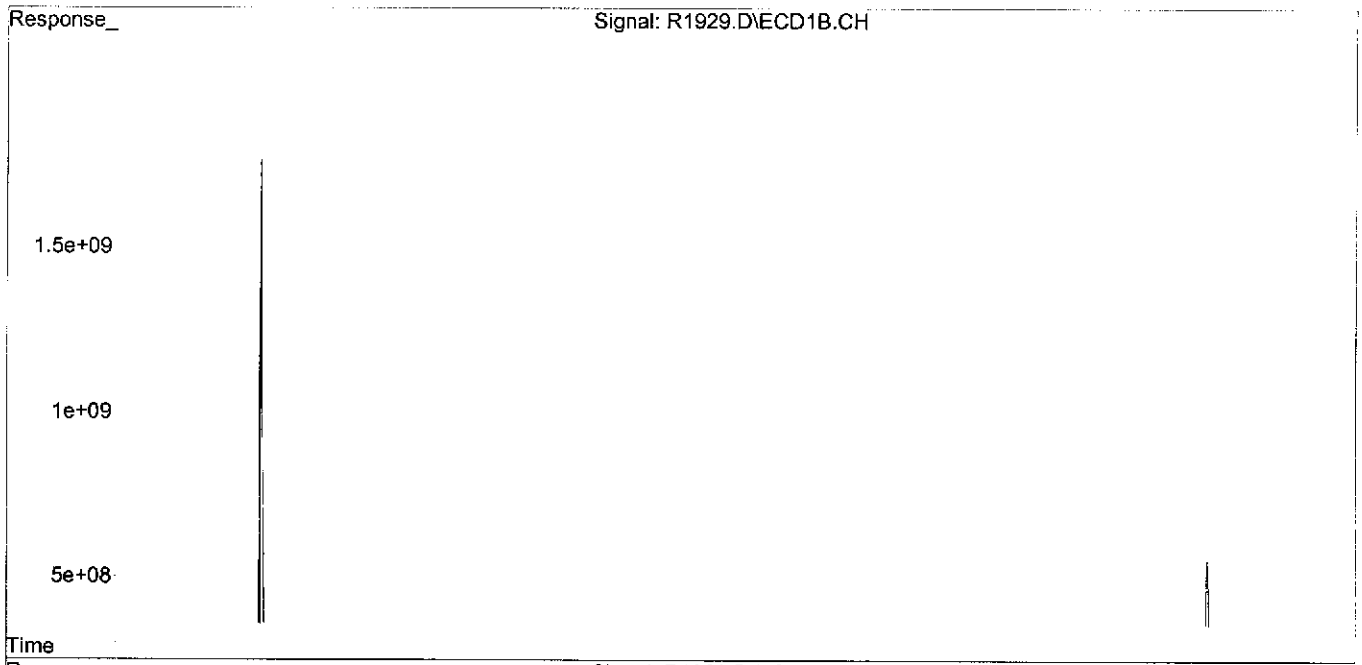
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

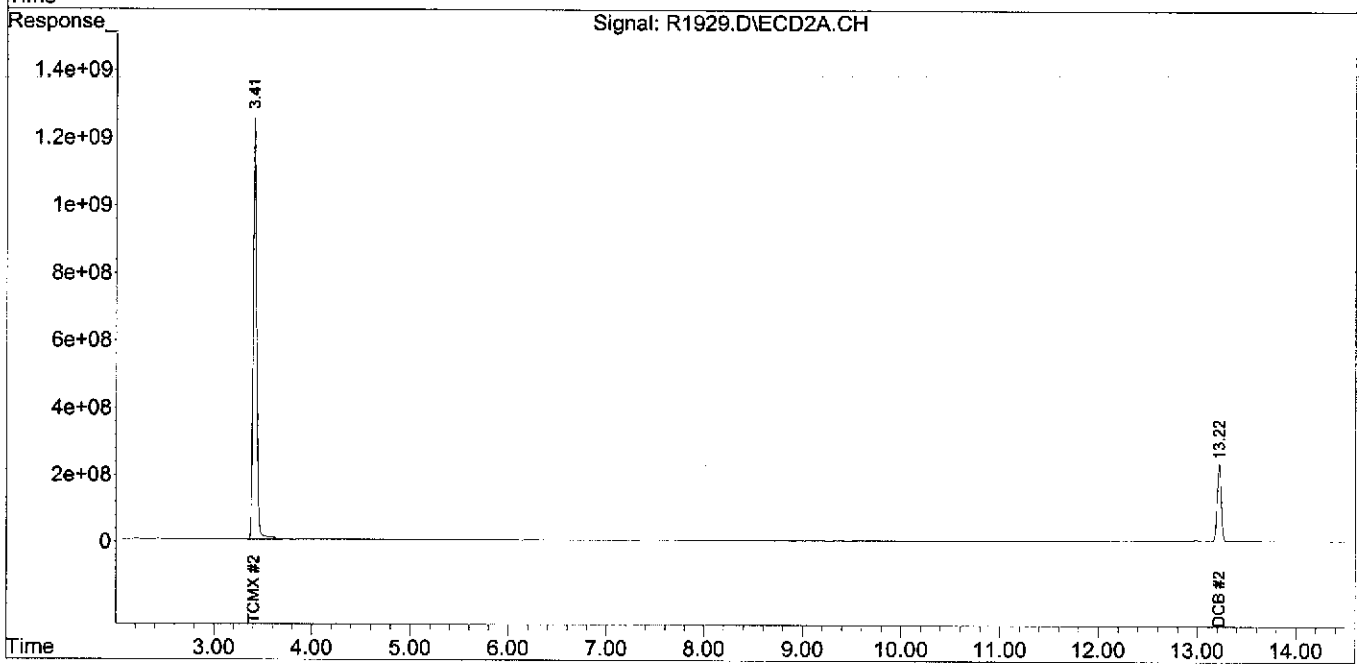
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-25-12\
Data File : R1929.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Jul 2012 18:52
Operator : YG
Sample : PCB,BLKS120719-09,S,5.00g,0,07/19/12,4
Misc : NA,NA,NA,1
ALS Vial : 26 Sample Multiplier: 1

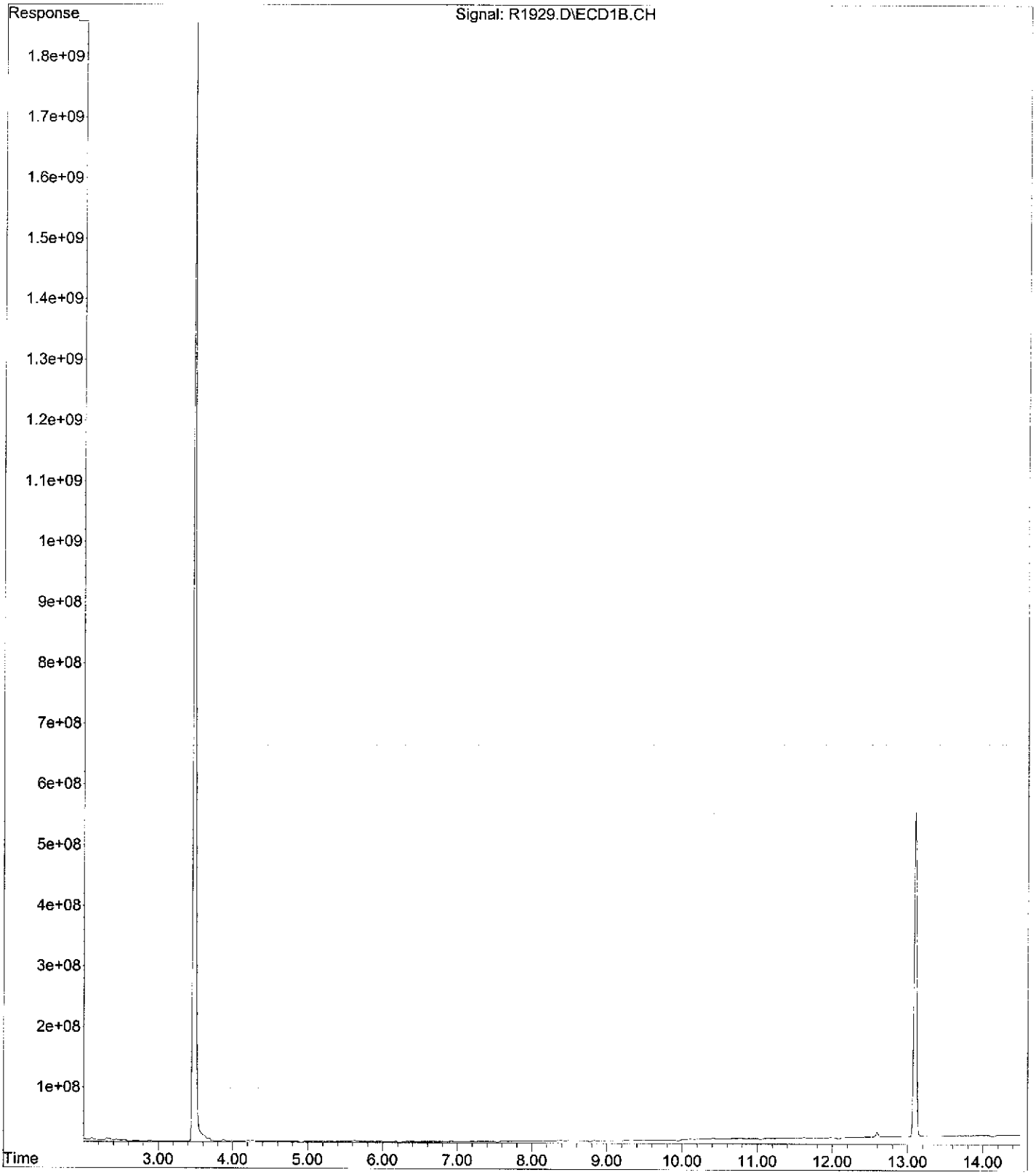
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 26 14:44:37 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0725.M
Quant Title :
QLast Update : Wed Jul 25 16:01:09 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





File :C:\MSDCHEM\1\DATA\07-25-12\R1929.D
Operator : YG
Acquired : 25 Jul 2012 18:52 using AcqMethod RPCB0725.M
Instrument : GC_R
Sample Name: PCB,BLKS120719-09,S,5.00g,0,07/19/12,4
Misc Info : NA,NA,NA,1
Vial Number: 26



SAMPLE TRACKING

IAL
Integrated Analytical Laboratories LLC
Integrated Analytical Labs
273 Franklin Rd
Randolph, NJ 07869

Contact Us: 973 361-4252
fax: 973 989-5288
Web: www.ialonline.com

CUSTOMER INFO	REPORTING INFO
Company: JMC Environmental Consultants, Inc.	REPORT TO: James Clabby
Address: 2109 Bridge Ave., Bldg. B	Address: same
Point Pleasant, NJ 08742	
Telephone #: (732) 295-2144	Attn:
Fax #: (732) 295-2150	FAX # (732) 295-2150
Project Manager: James Clabby	INVOICE TO: Aceto Corp.
EMAIL Address: jclabby@jmcenvironmental.com	Address: 4 Tri Harbor Court
Sampler: Alton Hallgren	Port Washington, NY 11050
Project Name: Arsynco	(with copy to: JMC Environmental (attn.: J. Clabby))
Project Location (State): NJ	Attn: Ed Kelly
Bottle Order #:	PO # 22126
Quote #: SR041205	

Turnaround Time (starts the following day if samples rec'd at lab > 5PM)

*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE

PHC - MUST CHOOSE

NJ EPH DRO (5 day TAT) NJ EPH Fractionated (5 day TAT)
NJ EPH - C40 (5 day TAT)
DRO-8015 (3-5 day TAT) QAM025 (5 day TAT)

Verbal/Fax: Std 2 wk unless otherwise specified
24 hr** 48 hr** 72 hr** 96 hr** 1 wk**
Other** (specify):
Hard Copy: Std 3 week *
Other - call for price

Rush TAT Charge **: 24 hr - 100%.... 48 hr - 75%.... 72 hr - 50%.... 96 hr - 35%.... 5 day - 25%.... 6-9 day 10%

Report Format: Results Only; Reduced; Regulatory - 15% Surcharge applies; Other (describe)

EDDs: SRP format; lab approved custom EDD; NO EDD/CD REQ'D

Cooler Temp <4 4 °C

SAMPLE INFORMATION

Sample Matrix: DW - Drinking Water AQ - Aqueous WW - Waste Water OI - Oil LIQ - Liquid (Specify) OT - Other (Specify) S - Soil SL - Sludge SOL - Solid W - Wipe

ANALYTICAL PARAMETERS / # BOTTLES & PRESERVATIVES

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	HCL	HNO3	MeOH	H2SO4	NAOH/ZNAc	Sterile
N-38 (0-2.0)		7/11/12	8:39	S	1	1	x						
N-38 (2.0-4.0)			8:40	S	1	2	x						
N-38 (4.0-6.0)			8:41	S	1	3	x						
M-38 (0-2.0)			8:52	S	1	4	x						
M-38 (2.0-4.0)			8:53	S	1	5	x						
M-38 (4.0-6.0)			8:54	S	1	6	x						
L-38 (0-2.0)			9:01	S	1	7	x						
L-38 (2.0-4.0)			9:02	S	1	8	x						

Known Hazard: Yes or No Describe:

Conc. Expected: Low Med High

MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one): ____ IAL Courier ____ Client Courier ____ FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by:	7/11/12	3:00	Received by:	7/11/12	15:00
Relinquished by:	7/11/12	16:27	Received by:	7/11/12	1627
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 06899

PAGE: 1 of 7

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IAL
Integrated Analytical Laboratories LLC
Integrated Analytical Labs
273 Franklin Rd
Randolph, NJ 07869

Contact Us: 973 361-4252
fax: 973 989-5288
Web: www.ialonline.com

CUSTOMER INFO	REPORTING INFO
Company: JMC Environmental Consultants, Inc.	REPORT TO: James Clabby
Address: 2109 Bridge Ave., Bldg. B	Address: same
Point Pleasant, NJ 08742	
Telephone #: (732) 295-2144	Attn:
Fax #: (732) 295-2150	FAX # (732) 295-2150
Project Manager: James Clabby	INVOICE TO: Aceto Corp.
EMAIL Address: jclabby@jmcenvironmental.com	Address: 4 Tri Harbor Court
Sampler: Alton Hallgreen	Port Washington, NY 11050
Project Name: Arsynco	(with copy to: JMC Environmental (attn.: J. Clabby))
Project Location (State): NJ	Attn: Ed Kelly
Bottle Order #:	PO # 22126
Quote #: SR041205	

Turnaround Time (starts the following day if samples rec'd at lab > 5PM)

*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE

PHC - MUST CHOOSE

NJ EPH DRO (5 day TAT) NJ EPH Fractionated (5 day TAT)

NJ EPH - C40 (5 day TAT)

DRO-8015 (3-5 day TAT) QAM025 (5 day TAT)

Verbal/Fax: Std 2 wk unless otherwise specified

24 hr** 48 hr** 72 hr** 96 hr** 1 wk**

Other** (specify):

Hard Copy: Std 3 week * Other - call for price

Rush TAT Charge **: 24 hr - 100%.... 48 hr - 75%.... 72 hr - 50%.... 96 hr - 35%.... 5 day - 25%.... 6-9 day 10%

Report Format: Results Only; Reduced; Regulatory - 15% Surcharge applies; Other (describe)

EDDs: SRP format; lab approved custom EDD; NO EDD/CD REQ'D

Cooler Temp <4 Y °C

Sample Matrix

DW - Drinking Water AQ - Aqueous WW - Waste Water
OI - Oil LIQ - Liquid (Specify) OT - Other (Specify)
S - Soil SL - Sludge SOL - Solid W - Wipe

ANALYTICAL PARAMETERS

BOTTLES & PRESERVATIVES

SAMPLE INFORMATION

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	HCL	HNO3	MeOH	H2SO4	NAOH/ZNAc	Sterile
L-38 (40-60)		7/11/12	9:03	S	1	9	x						
K-38 (0-20)			9:15	S	1	10	x						
K-38 (20-40)			9:16	S	1	11	x						
K-38 (40-60)			9:17	S	1	12	x						
I-39 (0-20)			9:34	S	1	13	x						
I-39 (20-40)			9:35	S	1	14	x						
I-39 (40-60)			9:36	S	1	15	x						
K-37 (0-20)			9:57	S	1	16	x						

Known Hazard: Yes or No Describe:

Conc. Expected: Low Med High

MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one): ____ IAL Courier ____ Client Courier ____ Fedl-x/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by:	7/11/12	3:00	Received by:	7/11/12	15:00
Relinquished by:	7/11/12	1612	Received by:	7/11/12	1627
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 06899

PAGE: 2 of 7

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IAL
Integrated Analytical Laboratories LLC
Integrated Analytical Labs
273 Franklin Rd
Randolph, NJ 07869
Contact Us: 973 361-4252
fax: 973 989-5288
Web: www.ialonline.com

CUSTOMER INFO	REPORTING INFO
Company: JMC Environmental Consultants, Inc.	REPORT TO: James Clabby
Address: 2109 Bridge Ave., Bldg. B	Address: same
Point Pleasant, NJ 08742	
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Fax #: (732) 295-2150	FAX # (732) 295-2150
Project Manager: James Clabby	INVOICE TO: Aceto Corp.
EMAIL Address: jclabby@jmcenvironmental.com	Address: 4 Tri Harbor Court
Sampler: Alton Hallgren	Port Washington, NY 11050
Project Name: Arsynco	(with copy to: JMC Environmental (attn.: J. Clabby))
Project Location (State): NJ	Attn: Ed Kelly
Bottle Order #:	PO # 22126
Quote #: SR041205	

Turnaround Time (starts the following day if samples rec'd at lab > 5PM)

*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE.

PHC - MUST CHOOSE

NJ EPH DRO (5 day TAT) NJ EPH Fractionated (5 day TAT)

NJ EPH - C40 (5 day TAT)

DRO-8015 (3-5 day TAT) QAM025 (5 day TAT)

Verbal/Fax: Std 2 wk unless otherwise specified

24 hr** 48 hr** 72 hr** 96 hr** 1 wk**

Other** (specify):

Hard Copy: Std 3 week * Other - call for price

Rush TAT Charge**: 24 hr - 100%.... 48 hr - 75%.... 72 hr - 50%.... 96 hr - 35%.... 5 day - 25%.... 6-9 day 10%

Report Format: Results Only; Reduced; Regulatory - 15% Surcharge applies; Other (describe)

EDDs: SRP format; lab approved custom EDD; NO EDD/CD REQ'D

Cooler Temp <4 4 °C

SAMPLE INFORMATION

Sample Matrix: DW - Drinking Water AQ - Aqueous WW - Waste Water OI - Oil LIQ - Liquid (Specify) OT - Other (Specify) S - Soil SL - Sludge SOL - Solid W - Wipe

ANALYTICAL PARAMETERS

BOTTLES & PRESERVATIVES

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	HCL	HNO3	MeOH	H2SO4	NAOH/ZNAc	Sterile
K-37 (2.0'-4.0')		7/11/12	9:58	S	1	17	x						
K-37 (4.0'-6.0')			9:59	S	1	18	x						
L-37 (0-2.0')			10:11	S	1	19	x						
L-37 (2.0-4.0')			10:12	S	1	20	x						
L-37 (4.0'-6.0')			10:13	S	1	21	x						
M-37 (0-2.0')			10:38	S	1	22	x						
M-37 (2.0'-4.0')			10:39	S	1	23	x						
M-37 (4.0'-6.0')			10:41	S	1	24	x						

Known Hazard: Yes or No Describe: Conc. Expected: Low Med High

MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one): ___ IAL Courier ___ Client Courier ___ FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by:	7/11/12	3:20	Received by:	7/11/12	15:00
Relinquished by:	7/11/12	16:27	Received by:	7/11/12	1627
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 06899

PAGE: 3 of 7

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IAL
Integrated Analytical Laboratories LLC
Integrated Analytical Labs
273 Franklin Rd
Randolph, NJ 07869

Contact Us: 973 361-4252
fax: 973 989-5288
Web: www.laionline.com

CUSTOMER INFO	REPORTING INFO
Company: JMC Environmental Consultants, Inc.	REPORT TO: James Clabby
Address: 2109 Bridge Ave., Bldg. B	Address: same
Point Pleasant, NJ 08742	
Telephone #: (732) 295-2144	Attn:
Fax #: (732) 295-2150	FAX # (732) 295-2150
Project Manager: James Clabby	INVOICE TO: Aceto Corp.
EMAIL Address: jclabby@jmcenvironmental.com	Address: 4 Tri Harbor Court
Sampler: Alton Hallgreen	Port Washington, NY 11050
Project Name: Acsynco	(with copy to: JMC Environmental (attn.: J. Clabby))
Project Location (State): NJ	Attn: Ed Kelly
Bottle Order #:	PO # 22126
Quote #: SR041205	

Turnaround Time (starts the following day if samples rec'd at lab > 5PM)

*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE

PHC - MUST CHOOSE

NJ EPH DRO (5 day TAT) NJ EPH Fractionated (5 day TAT)

NJ EPH - C40 (5 day TAT)

DRO-8015 (3-5 day TAT) QAM025 (5 day TAT)

Verbal/Fax: Std 2 wk unless otherwise specified

24 hr** 48 hr** 72 hr** 96 hr** 1 wk**

Other** (specify):

Hard Copy: Std 3 week * Other - call for price

Rush TAT Charge **: 24 hr - 100%.... 48 hr - 75%.... 72 hr - 50%.... 96 hr - 35%.... 5 day - 25%.... 6-9 day 10%

Report Format: Results Only; Reduced; Regulatory - 15% Surcharge applies; Other (describe)

EDDs: SRP format; lab approved custom EDD; NO EDD/CD REQ'D

Cooler Temp 4 °C

SAMPLE INFORMATION

Sample Matrix: DW - Drinking Water AQ - Aqueous WW - Waste Water OI - Oil LIQ - Liquid (Specify) OT - Other (Specify) S - Soil SL - Sludge SOL - Solid W - Wipe

ANALYTICAL PARAMETERS

BOTTLES & PRESERVATIVES

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# container s	IAL #	TCL PCB (8082)	HCL	HNO3	MeOH	H2SO4	NAOH/ZNAc	Sterile
N-37 (0-2.0')		7/11/12	11:07	S	1	25	x						
N-37 (2.0'-4.0')			11:08	S	1	26	x						
N-37 (4.0'-6.0')			11:10	S	1	27	x						
L-36 (0-2.0')			11:35	S	1	28	x						
L-36 (2.0'-4.0')			11:36	S	1	29	x						
L-36 (4.0-6.0')			11:37	S	1	30	x						
K-36 (0-2.0)			11:55	S	1	31	x						
K-36 (2.0-4.0)			11:56	S	1	32	x						

Known Hazard: Yes or No Describe: Conc. Expected: Low Med High

MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one): ___ IAL Courier ___ Client Courier ___ FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by:	7/11/12	3:00	Received by:	7/11/12	15:00
Relinquished by:	7/11/12	16:27	Received by:	7/11/12	1627
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 06899

PAGE: 4 of 7

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CUSTOMER INFO	REPORTING INFO
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Address: 2109 Bridge Ave., Bldg. B	Address: same
Point Pleasant, NJ 08742	
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Fax #: (732) 295-2150	FAX # (732) 295-2150
Project Manager: James Clabby	INVOICE TO: Aceto Corp.
EMAIL Address: jclabby@jmcenvironmental.com	Address: 4 Tri Harbor Court
Sampler: Alton Hallgreen	Port Washington, NY 11050
Project Name: Ansynco	(with copy to: JMC Environmental (attn.: J. Clabby))
Project Location (State): NJ	Attn: Ed Kelly
Bottle Order #:	PO # 22126
Quote #: SR041205	

Turnaround Time (starts the following day if samples rec'd at lab > 5PM)

*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE

PRC - MUST CHOOSE

NJ EPH DRO (5 day TAT) NJ EPH Fractionated (5 day TAT)

NJ EPH - C40 (5 day TAT)

DRO-8015 (3-5 day TAT) QAM025 (5 day TAT)

Verbal/Fax: Std 2 wk unless otherwise specified

24 hr** 48 hr** 72 hr** 96 hr** 1 wk**

Other** (specify):

Hard Copy: Std 3 week * Other - call for price

Rush TAT Charge**: 24 hr - 100%... 48 hr - 75%.... 72 hr - 50%.... 96 hr - 35%.... 5 day - 25%.... 6-9 day 10%

Report Format: Results Only; Reduced; Regulatory - 15% Surcharge applies; Other (describe)

EDDs: SRP format; lab approved custom EDD; NO EDD/CD REQ'D

Cooler Temp <4 4 °C

SAMPLE INFORMATION

Sample Matrix: DW - Drinking Water AQ - Aqueous WW - Waste Water OI - Oil LIQ - Liquid (Specify) OT - Other (Specify) S - Soil SL - Sludge SOL - Solid W - Wipe

ANALYTICAL PARAMETERS

BOTTLES & PRESERVATIVES

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	HCL	HNO3	MeOH	H2SO4	NAOH/ZNAc	Sterile
K-36 (40-60)		7/11/12	11:57	S	1	33	x						
J-36 (0-20')			12:55	S	1	34	x						
J-36 (20-40')			12:56	S	1	35	x						
J-36 (40-60')			12:57	S	1	36	x						
I-36 (0-20)			1:11	S	1	37	x						
I-36 (20-40)			1:12	S	1	38	x						
I-36 (40-60)			1:13	S	1	39	x						
I-34 (0-2.0')			1:40	S	1	40	x						

Known Hazard: Yes or No Describe: Conc. Expected: Low Med High

MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one): ____ IAL Courier ____ Client Courier ____ FedEx/UPS

	Signature/Company	Date	Time		Signature/Company	Date	Time
Relinquished by:	[illegible]	7/11/12	3:00	Received by:	[illegible]	7/11/12	15:00
Relinquished by:	[illegible]	7/11/12	16:27	Received by:	[illegible]	7/11/12	1627
Relinquished by:				Received by:			
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Lab Case # 06899

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Point Pleasant, NJ 08742		
Telephone #: (732) 295-2144	Attn:	
Fax #: (732) 295-2150	FAX # (732) 295-2150	
Project Manager: James Clabby	INVOICE TO:	Aceto Corp.
EMAIL Address: jclabby@jmcenvironmental.com	Address: 4 Tri Harbor Court	
Sampler: Alton Hallgreen	Port Washington, NY 11050	
Project Name: Arsynco	(with copy to: JMC Environmental (attn.: J. Clabby))	
Project Location (State): NJ	Attn: Ed Kelly	
Bottle Order #:	PO # 22126	
Quote #: SR041205		

Turnaround Time (starts the following day if samples rec'd at lab > 5PM)

*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE.

PHC - MUST CHOOSE

NJ EPH DRO (5 day TAT) NJ EPH Fractionated (5 day TAT)

NJ EPH - C40 (5 day TAT)

DRO-8015 (3-5 day TAT) QAM025 (5 day TAT)

Verbal/Fax: Std 2 wk unless otherwise specified

24 hr** 48 hr** 72 hr** 96 hr** 1 wk**

Other** (specify):

Hard Copy: Std 3 week * Other - call for price

Rush TAT Charge **: 24 hr - 100%... 48 hr - 75%.... 72 hr - 50%.... 96 hr - 35%.... 5 day - 25%.... 6-9 day 10%

Report Format: Results Only; Reduced; Regulatory - 15% Surcharge applies; Other (describe)

EDDs: SRP format; lab approved custom EDD; NO EDD/CD REQ'D

Cooler Temp <4 °C

SAMPLE INFORMATION

Sample Matrix: DW - Drinking Water AQ - Aqueous WW - Waste Water OI - Oil LIQ - Liquid (Specify) OT - Other (Specify) S - Soil SL - Sludge SOL - Solid W - Wipe

ANALYTICAL PARAMETERS / # BOTTLES & PRESERVATIVES

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	HCL	HNO3	NaOH	H2SO4	NaOH/ZNAc	Sterile
I-34 (2.0'-4.0')		7/11/12	1:42	S	1	41	X						
I-34 (4.0'-6.0')			1:43	S	1	42	X						
H-35 (0-2.0')			2:24	S	1	43	X						
H-35 (2.0'-4.0')			2:25	S	1	44	X						
H-35 (4.0'-6.0')			2:26	S	1	45	X						
H-34 (0-2.0')			2:37	S	1	46	X						
H-34 (2.0'-4.0')			2:38	S	1	47	X						
H-34 (4.0'-6.0')			2:40	S	1	48	X						

Known Hazard: Yes or No Describe: Conc. Expected: Low Med High

MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

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Signature/Company	Date	Time	Signature/Company	Date	Time
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Relinquished by:			Received by:		
Relinquished by:			Received by:		

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Lab Case # 06899

PAGE: 6 of 7

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Point Pleasant, NJ 08742		
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Fax #: (732) 295-2150	FAX # (732) 295-2150	
Project Manager: James Clabby	INVOICE TO:	Aceto Corp.
EMAIL Address: jclabby@jmcenvironmental.com	Address: 4 Tri Harbor Court	
Sampler: Alton Hallgreen	Port Washington, NY 11050	
Project Name: Arsynco	(with copy to: JMC Environmental (attn.: J. Clabby))	
Project Location (State): NJ	Attn: Ed Kelly	
Bottle Order #:	PO # 22126	
Quote #: SR041205		

Turnaround Time (starts the following day if samples rec'd at lab > 5PM:

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NJ EPH DRO (5 day TAT) NJ EPH Fractionated (5 day TAT)

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EDDs: SRP format; lab approved custom EDD; NO EDD/CD REQ'D

Cooler Temp <4 °C

Sample Matrix

DW - Drinking Water AQ - Aqueous WW - Waste Water
OI - Oil LIQ - Liquid (Specify) OT - Other (Specify)
S - Soil SL - Sludge SOL - Solid W - Wipe

SAMPLE INFORMATION

ANALYTICAL PARAMETERS

BOTTLES & PRESERVATIVES

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# container	IAL #	TCL PCB (8082)	HCL	HNO3	MeOH	H2SO4	NAOH/ZNAc	Sterile
FB-10		7/11/12	2:57	AQ	2	49	X						
							X						
							X						
							X						
							X						
							X						
							X						
							X						

Known Hazard: Yes or No Describe:

Conc. Expected: Low Med High

MDL Req: CWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one): ___ IAL Courier ___ Client Courier ___ FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by:	7/11/12	3:20	Received by:	7/11/12	15:00
Relinquished by:	7/11/12	1622	Received by:	7/11/12	1627
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 06899

PAGE: 7 of 7

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10/2010 rev

PROJECT INFORMATION

E12-06899

Case No. E12-06899 **Project** ARSYNCO

Customer JMC Environmental Consultants **P.O. #** 22126

Contact Jim Clabby **Received** 7/11/2012 16:27

EMail ahallgreen@jmcenvironmental.co ☑ EMail EDDs **Verbal Due** 7/25/2012
tadams@jmcenvironmental.com

Phone (732) 295-2144 **Fax** 1(732) 295-2150 **Report Due** 8/1/2012

Report To

2109 Bridge Avenue

Building B

Point Pleasant, NJ 08742

Attn: Jim Clabby

Bill To

Aceto Corp.

4 Tri Harbor Court

Port Washington, NY 11050

Attn: Mr. Ed Kelly

Report Format Reduced

Additional Info ☐ State Form ☐ Field Sampling ☐ Conditional VOA

Lab ID	Client Sample ID	Depth Top / Bottom	Sampling Time	Matrix	Unit	# of Containers
06899-001	N-38(0-2.0)	0 / 2	7/11/2012@08:39	Soil	mg/Kg	1
06899-002	N-38(2.0-4.0)	2 / 4	7/11/2012@08:40	Soil	mg/Kg	1
06899-003	N-38(4.0-6.0)	4 / 6	7/11/2012@08:41	Soil	mg/Kg	1
06899-004	M-38(0-2.0)	0 / 2	7/11/2012@08:52	Soil	mg/Kg	1
06899-005	M-38(2.0-4.0)	2 / 4	7/11/2012@08:53	Soil	mg/Kg	1
06899-006	M-38(4.0-6.0)	4 / 6	7/11/2012@08:54	Soil	mg/Kg	1
06899-007	L-38(0-2.0)	0 / 2	7/11/2012@09:01	Soil	mg/Kg	1
06899-008	L-38(2.0-4.0)	2 / 4	7/11/2012@09:02	Soil	mg/Kg	1
06899-009	L-38(4.0-6.0)	4 / 6	7/11/2012@09:03	Soil	mg/Kg	1
06899-010	K-38(0-2.0)	0 / 2	7/11/2012@09:15	Soil	mg/Kg	1
06899-011	K-38(2.0-4.0)	2 / 4	7/11/2012@09:16	Soil	mg/Kg	1
06899-012	K-38(4.0-6.0)	4 / 6	7/11/2012@09:17	Soil	mg/Kg	1
06899-013	I-39(0-2.0)	0 / 2	7/11/2012@09:34	Soil	mg/Kg	1
06899-014	I-39(2.0-4.0)	2 / 4	7/11/2012@09:35	Soil	mg/Kg	1
06899-015	I-39(4.0-6.0)	4 / 6	7/11/2012@09:36	Soil	mg/Kg	1
06899-016	K-37(0-2.0)	0 / 2	7/11/2012@09:57	Soil	mg/Kg	1
06899-017	K-37(2.0-4.0)	2 / 4	7/11/2012@09:58	Soil	mg/Kg	1
06899-018	K-37(4.0-6.0)	4 / 6	7/11/2012@09:59	Soil	mg/Kg	1
06899-019	L-37(0-2.0)	0 / 2	7/11/2012@10:11	Soil	mg/Kg	1
06899-020	L-37(2.0-4.0)	2 / 4	7/11/2012@10:12	Soil	mg/Kg	1
06899-021	L-37(4.0-6.0)	4 / 6	7/11/2012@10:13	Soil	mg/Kg	1
06899-022	M-37(0-2.0)	0 / 2	7/11/2012@10:38	Soil	mg/Kg	1
06899-023	M-37(2.0-4.0)	2 / 4	7/11/2012@10:39	Soil	mg/Kg	1
06899-024	M-37(4.0-6.0)	4 / 6	7/11/2012@10:41	Soil	mg/Kg	1
06899-025	N-37(0-2.0)	0 / 2	7/11/2012@11:07	Soil	mg/Kg	1
06899-026	N-37(2.0-4.0)	2 / 4	7/11/2012@11:08	Soil	mg/Kg	1
06899-027	N-37(4.0-6.0)	4 / 6	7/11/2012@11:10	Soil	mg/Kg	1
06899-028	L-36(0-2.0)	0 / 2	7/11/2012@11:35	Soil	mg/Kg	1
06899-029	L-36(2.0-4.0)	2 / 4	7/11/2012@11:36	Soil	mg/Kg	1

PROJECT INFORMATION

E12-06899

Case No. E12-06899 Project ARSYNCO

Lab ID	Client Sample ID	Depth Top / Bottom	Sampling Time	Matrix	Unit	# of Containers
06899-030	L-36(4.0-6.0)	4 / 6	7/11/2012@11:37	Soil	mg/Kg	1
06899-031	K-36(0-2.0)	0 / 2	7/11/2012@11:55	Soil	mg/Kg	1
06899-032	K-36(2.0-4.0)	2 / 4	7/11/2012@11:56	Soil	mg/Kg	1
06899-033	K-36(4.0-6.0)	4 / 6	7/11/2012@11:57	Soil	mg/Kg	1
06899-034	J-36(0-2.0)	0 / 2	7/11/2012@12:55	Soil	mg/Kg	1
06899-035	J-36(2.0-4.0)	2 / 4	7/11/2012@12:56	Soil	mg/Kg	1
06899-036	J-36(4.0-6.0)	4 / 6	7/11/2012@12:57	Soil	mg/Kg	1
06899-037	I-36(0-2.0)	0 / 2	7/11/2012@13:11	Soil	mg/Kg	1
06899-038	I-36(2.0-4.0)	2 / 4	7/11/2012@13:12	Soil	mg/Kg	1
06899-039	I-36(4.0-6.0)	4 / 6	7/11/2012@13:13	Soil	mg/Kg	1
06899-040	I-34(0-2.0)	0 / 2	7/11/2012@13:40	Soil	mg/Kg	1
06899-041	I-34(2.0-4.0)	2 / 4	7/11/2012@13:42	Soil	mg/Kg	1
06899-042	I-34(4.0-6.0)	4 / 6	7/11/2012@13:43	Soil	mg/Kg	1
06899-043	H-35(0-2.0)	0 / 2	7/11/2012@14:24	Soil	mg/Kg	1
06899-044	H-35(2.0-4.0)	2 / 4	7/11/2012@14:25	Soil	mg/Kg	1
06899-045	H-35(4.0-6.0)	4 / 6	7/11/2012@14:26	Soil	mg/Kg	1
06899-046	H-34(0-2.0)	0 / 2	7/11/2012@14:37	Soil	mg/Kg	1
06899-047	H-34(2.0-4.0)	2 / 4	7/11/2012@14:38	Soil	mg/Kg	1
06899-048	H-34(4.0-6.0)	4 / 6	7/11/2012@14:40	Soil	mg/Kg	1
06899-049	FB-10	n/a	7/11/2012@14:57	Aqueous	mg/L	1

Sample #	Tests	Status	QA Method
001	TCL PCB	Run	8082
002	TCL PCB	Run	8082
003	TCL PCB	Run	8082
004	TCL PCB	Run	8082
005	TCL PCB	Run	8082
006	TCL PCB	Run	8082
007	TCL PCB	Run	8082
008	TCL PCB	Run	8082
009	TCL PCB	Run	8082
010	TCL PCB	Run	8082
011	TCL PCB	Run	8082
012	TCL PCB	Run	8082
013	TCL PCB	Run	8082
014	TCL PCB	Run	8082
015	TCL PCB	Run	8082
016	TCL PCB	Run	8082
017	TCL PCB	Run	8082
018	TCL PCB	Run	8082
019	TCL PCB	Run	8082
020	TCL PCB	Run	8082
021	TCL PCB	Run	8082
022	TCL PCB	Run	8082
023	TCL PCB	Run	8082
024	TCL PCB	Run	8082

Integrated Analytical Labs ~ 273 Franklin Road, Randolph, NJ 07869 ~ (973) 361-4252 ~ Fax (973) 989-5288

PROJECT INFORMATION

E12-06899

Case No. E12-06899 **Project** ARSYNCO

Sample #	Tests	Status	QA Method
025	TCL PCB	Run	8082
026	TCL PCB	Run	8082
027	TCL PCB	Run	8082
028	TCL PCB	Run	8082
029	TCL PCB	Run	8082
030	TCL PCB	Run	8082
031	TCL PCB	Run	8082
032	TCL PCB	Run	8082
033	TCL PCB	Run	8082
034	TCL PCB	Run	8082
035	TCL PCB	Run	8082
036	TCL PCB	Run	8082
037	TCL PCB	Run	8082
038	TCL PCB	Run	8082
039	TCL PCB	Run	8082
040	TCL PCB	Run	8082
041	TCL PCB	Run	8082
042	TCL PCB	Run	8082
043	TCL PCB	Run	8082
044	TCL PCB	Run	8082
045	TCL PCB	Run	8082
046	TCL PCB	Run	8082
047	TCL PCB	Run	8082
048	TCL PCB	Run	8082
049	TCL PCB	Run	8082

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INTEGRATED ANALYTICAL LABORATORIES, LLC

SAMPLE RECEIPT VERIFICATION

CASE NO: **E 12** **06899** CLIENT: JMC

COOLER TEMPERATURE: 2° - 6°C: ✓ (See Chain of Custody)

Comments

COC: (COMPLETE) / INCOMPLETE

KEY

✓ = YES/NA
✗ = NO

✓ Bottles Intact
✓ no-Missing Bottles
✓ no-Extra Bottles

✓ Sufficient Sample Volume
✓ no-headspace/bubbles in VOs
✓ Labels intact/correct
✓ pH Check (exclude VOs)[1]
✓ Correct bottles/preservative
✓ Sufficient Holding/Prep Time[1]
[ ] Sample to be Subcontracted
✓ **Chain of Custody is Clear**

[1] All samples with "Analyze Immediately" holding times will be analyzed by this laboratory past the holding time. This includes but is not limited to the following tests: pH, Temperature, Free Residual Chlorine, Total Residual Chlorine, Dissolved Oxygen, Sulfite.

ADDITIONAL COMMENTS:

SAMPLE(S) VERIFIED BY: INITIAL [ ] DATE 7/11/12

CORRECTIVE ACTION REQUIRED: YES [ ] (SEE BELOW) **NO** [ ]

If COC is **NOT** clear, ***STOP*** until you get client to authorize/clarify work.

CLIENT NOTIFIED: YES [ ] Date/ Time: _____ NO [ ]

PROJECT CONTACT:

SUBCONTRACTED LAB:

DATE SHIPPED:

ADDITIONAL COMMENTS:

VERIFIED/TAKEN BY: INITIAL [ ] DATE 7-12-12

E12-06899 0273

REV 03/2009

Laboratory Custody Chronicle

IAL Case No.

E12-06899

Client JMC Environmental Consultants

Project ARSYNCO

Received On 7/11/2012@16:27

Department: GC

			Prep. Date	Analyst	Analysis Date	Analyst
TCL PCB	06899-001	Soil	7/19/12	Archimede	7/23/12	Julia
"	-002	"	7/19/12	Archimede	7/23/12	Julia
"	-003	"	7/19/12	Archimede	7/23/12	Julia
"	-004	"	7/19/12	Archimede	7/23/12	Julia
"	-005	"	7/19/12	Archimede	7/23/12	Julia
"	-006	"	7/19/12	Archimede	7/23/12	Julia
"	-007	"	7/19/12	Archimede	7/23/12	Julia
"	-008	"	7/19/12	Archimede	7/23/12	Julia
"	-009	"	7/19/12	Archimede	7/23/12	Julia
"	-010	"	7/19/12	Archimede	7/25/12	Julia
"	-011	"	7/19/12	Archimede	7/23/12	Julia
"	-012	"	7/19/12	Archimede	7/23/12	Julia
"	-013	"	7/19/12	Archimede	7/23/12	Julia
"	-014	"	7/19/12	Archimede	7/23/12	Julia
"	-015	"	7/19/12	Archimede	7/25/12	Julia
"	-016	"	7/19/12	Archimede	7/25/12	Julia
"	-017	"	7/19/12	Archimede	7/25/12	Julia
"	-018	"	7/19/12	Archimede	7/25/12	Julia
"	-019	"	7/19/12	Archimede	7/25/12	Julia
"	-020	"	7/19/12	Archimede	7/25/12	Julia
"	-021	"	7/19/12	Archimede	7/25/12	Julia
"	-022	"	7/19/12	Archimede	7/25/12	Julia
"	-023	"	7/19/12	Archimede	7/25/12	Julia
"	-024	"	7/19/12	Archimede	7/25/12	Julia
"	-025	"	7/19/12	Archimede	7/25/12	Julia
"	-026	"	7/19/12	Archimede	7/25/12	Julia
"	-027	"	7/19/12	Archimede	7/25/12	Julia
"	-028	"	7/19/12	Archimede	7/26/12	Julia
"	-029	"	7/19/12	Archimede	7/26/12	Julia
"	-030	"	7/19/12	Archimede	7/26/12	Julia
"	-031	"	7/19/12	Archimede	7/23/12	Julia
"	-032	"	7/19/12	Archimede	7/22/12	Julia
"	-033	"	7/19/12	Archimede	7/22/12	Julia
"	-034	"	7/19/12	Archimede	7/23/12	Julia
"	-035	"	7/19/12	Archimede	7/23/12	Julia
"	-036	"	7/19/12	Archimede	7/22/12	Julia
"	-037	"	7/19/12	Archimede	7/22/12	Julia
"	-038	"	7/19/12	Archimede	7/23/12	Julia
"	-039	"	7/19/12	Archimede	7/22/12	Julia
"	-040	"	7/19/12	Archimede	7/23/12	Julia
"	-041	"	7/19/12	Archimede	7/22/12	Julia
"	-042	"	7/19/12	Archimede	7/22/12	Julia
"	-043	"	7/19/12	Archimede	7/23/12	Julia
"	-044	"	7/19/12	Archimede	7/23/12	Julia
"	-045	"	7/19/12	Archimede	7/23/12	Julia
"	-046	"	7/19/12	Archimede	7/23/12	Julia

Integrated Analytical Labs ~ 273 Franklin Road, Randolph, NJ 07869 ~ (973) 361-4252 ~ Fax (973) 989-5288

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"	-047	"	7/19/12	Archimede	7/23/12	Julia
"	-048	"	7/19/12	Archimede	7/23/12	Julia
"	-049	Aqueous	7/16/12	Archimede	7/18/12	Julia

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