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: **E12-06583**

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.

E12-06583

Client JMC Environmental Consultants

Project ARSYNCO

Received On 7/ 2/2012@16:31

Lab ID	Client Sample ID	Depth Top/Bottom	Sampling Time	Matrix	# of Container
06583-001	GG-34 (0-2.0)	0/2	7/ 2/2012@09:17	Soil	1
06583-002	GG-34 (2.0-4.0)	2/4	7/ 2/2012@09:18	Soil	1
06583-003	GG-34 (4.0-6.0)	4/6	7/ 2/2012@09:19	Soil	1
06583-004	HH-34 (0-2.0)	0/2	7/ 2/2012@09:37	Soil	1
06583-005	HH-34 (2.0-4.0)	2/4	7/ 2/2012@09:38	Soil	1
06583-006	HH-34 (4.0-6.0)	4/6	7/ 2/2012@09:39	Soil	1
06583-007	II-33 (0-2.0)	0/2	7/ 2/2012@09:45	Soil	1
06583-008	II-33 (2.0-4.0)	2/4	7/ 2/2012@09:46	Soil	1
06583-009	II-33 (4.0-6.0)	4/6	7/ 2/2012@09:47	Soil	1
06583-010	HH-33 (0-2.0)	0/2	7/ 2/2012@10:00	Soil	1
06583-011	HH-33 (2.0-4.0)	2/4	7/ 2/2012@10:01	Soil	1
06583-012	HH-33 (4.0-6.0)	4/6	7/ 2/2012@10:02	Soil	1
06583-013	GG-33 (0-2.0)	0/2	7/ 2/2012@10:12	Soil	1
06583-014	GG-33 (2.0-4.0)	2/4	7/ 2/2012@10:13	Soil	1
06583-015	GG-33 (4.0-6.0)	4/6	7/ 2/2012@10:14	Soil	1
06583-016	GG-32 (0-2.0)	0/2	7/ 2/2012@10:26	Soil	1
06583-017	GG-32 (2.0-4.0)	2/4	7/ 2/2012@10:27	Soil	1
06583-018	GG-32 (4.0-6.0)	4/6	7/ 2/2012@10:28	Soil	1
06583-019	HH-32 (0-2.0)	0/2	7/ 2/2012@10:39	Soil	1
06583-020	HH-32 (2.0-4.0)	2/4	7/ 2/2012@10:40	Soil	1
06583-021	HH-32 (4.0-6.0)	4/6	7/ 2/2012@10:41	Soil	1
06583-022	II-32 (0-2.0)	0/2	7/ 2/2012@10:53	Soil	1
06583-023	II-32 (2.0-4.0)	2/4	7/ 2/2012@10:54	Soil	1
06583-024	II-32 (4.0-6.0)	4/6	7/ 2/2012@10:55	Soil	1
06583-025	JJ-32 (0-2.0)	0/2	7/ 2/2012@11:04	Soil	1
06583-026	JJ-32 (2.0-4.0)	2/4	7/ 2/2012@11:05	Soil	1
06583-027	JJ-32 (4.0-6.0)	4/6	7/ 2/2012@11:06	Soil	1
06583-028	KK-31 (0-2.0)	0/2	7/ 2/2012@11:19	Soil	1
06583-029	KK-31 (2.0-4.0)	2/4	7/ 2/2012@11:20	Soil	1
06583-030	KK-31 (4.0-6.0)	4/6	7/ 2/2012@11:21	Soil	1
06583-031	JJ-31 (0-2.0)	0/2	7/ 2/2012@11:38	Soil	1
06583-032	JJ-31 (2.0-4.0)	2/4	7/ 2/2012@11:39	Soil	1
06583-033	JJ-31 (4.0-6.0)	4/6	7/ 2/2012@11:40	Soil	1
06583-034	II-31 (0-2.0)	0/2	7/ 2/2012@11:59	Soil	1
06583-035	II-31 (2.0-4.0)	2/4	7/ 2/2012@12:00	Soil	1
06583-036	II-31 (4.0-6.0)	4/6	7/ 2/2012@12:01	Soil	1
06583-037	HH-31 (0-2.0)	0/2	7/ 2/2012@12:26	Soil	1
06583-038	HH-31 (2.0-4.0)	2/4	7/ 2/2012@12:27	Soil	1
06583-039	HH-31 (4.0-6.0)	4/6	7/ 2/2012@12:28	Soil	1
06583-040	GG-31 (0-2.0)	0/2	7/ 2/2012@13:19	Soil	1
06583-041	GG-31 (2.0-4.0)	2/4	7/ 2/2012@13:20	Soil	1
06583-042	GG-31 (4.0-6.0)	4/6	7/ 2/2012@13:21	Soil	1
06583-043	FF-31 (0-2.0)	0/2	7/ 2/2012@13:33	Soil	1
06583-044	FF-31 (2.0-4.0)	2/3	7/ 2/2012@13:34	Soil	1
06583-045	FF-31 (4.0-6.0)	4/6	7/ 2/2012@13:35	Soil	1
06583-046	EE-30 (0-2.0)	0/2	7/ 2/2012@13:50	Soil	1

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

Sample Summary

IAL Case No.

E12-06583

Client JMC Environmental Consultants

Project ARSYNCO

Received On 7/ 2/2012@16:31

Lab ID	Client Sample ID	Depth Top/Bottom	Sampling Time	Matrix	# of Container
06583-047	EE-30 (2.0-4.0)	2/4	7/ 2/2012@13:51	Soil	1
06583-048	EE-30 (4.0-6.0)	4/6	7/ 2/2012@13:52	Soil	1
06583-049	FF-30 (0-2.0)	0/2	7/ 2/2012@14:05	Soil	1
06583-050	FF-30 (2.0-4.0)	2/4	7/ 2/2012@14:06	Soil	1
06583-051	FF-30 (4.0-6.0)	4/6	7/ 2/2012@14:07	Soil	1
06583-052	GG-30 (0-2.0)	0/2	7/ 2/2012@14:23	Soil	1
06583-053	GG-30 (2.0-4.0)	2/4	7/ 2/2012@14:24	Soil	1
06583-054	GG-30 (4.0-6.0)	4/6	7/ 2/2012@14:25	Soil	1
06583-055	HH-30 (0-2.0)	0/2	7/ 2/2012@14:38	Soil	1
06583-056	HH-30 (2.0-4.0)	2/4	7/ 2/2012@14:39	Soil	1
06583-057	HH-30 (4.0-6.0)	4/6	7/ 2/2012@14:40	Soil	1
06583-058	II-30 (0-2.0)	0/2	7/ 2/2012@14:52	Soil	1
06583-059	II-30 (2.0-4.0)	2/4	7/ 2/2012@14:53	Soil	1
06583-060	II-30 (4.0-6.0)	4/6	7/ 2/2012@14:54	Soil	1
06583-061	FB-4	n/a	7/ 2/2012@15:00	Aqueous	2

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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 sixty (60) soil sample(s) from JMC Environmental Consultants (IAL SDG # E12-06583, Project: ARSYNCO) on July 2, 2012 for the analysis of:

(61) 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

7/18/12
Date

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

Lab Case Number: E12 - 06583

		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:

Organic Manager

07-10-12
Date

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

Lab Case Number: E12 - 06583

		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: please see next page

Organic Manager

07-12-12
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 - 06583

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:

06583 # 024
06583 # 027
06583 # 033
06583 # 032
06583 # 036

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 - 06583

		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:

Organic Manager

07-13-12
Date

RESULTS SUMMARY REPORT

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-06583

Lab ID:	**06583-061**		
Client ID:	**FB-4**		
Matrix:	**Aqueous**		
Sampled Date	**7/2/12**		
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:	**06583-001**			**06583-002**			**06583-003**			**06583-004**	
Client ID:	**GG-34 (0-2.0)**			**GG-34 (2.0-4.0)**			**GG-34 (4.0-6.0)**			**HH-34 (0-2.0)**	
Depth:	**0/2**			**2/4**			**4/6**			**0/2**	
Matrix:	**Soil**			**Soil**			**Soil**			**Soil**	
Sampled Date	**7/2/12**			**7/2/12**			**7/2/12**			**7/2/12**	
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		0.408	ND		0.020	ND		0.019	ND		19.2
Aroclor-1221	ND		0.408	ND		0.020	ND		0.019	ND		19.2
Aroclor-1232	ND		0.408	ND		0.020	ND		0.019	ND		19.2
Aroclor-1242	ND		0.408	ND		0.020	ND		0.019	ND		19.2
Aroclor-1248	70.6		0.408	4.95		0.020	0.213		0.019	2180		19.2
Aroclor-1254	ND		0.408	ND		0.020	ND		0.019	ND		19.2
Aroclor-1260	27.3		0.408	ND		0.020	ND		0.019	ND		19.2
Aroclor-1262	ND		0.408	ND		0.020	ND		0.019	ND		19.2
Aroclor-1268	ND		0.408	ND		0.020	ND		0.019	ND		19.2
PCBs	97.9		0.408	4.95		0.020	0.213		0.019	2180		19.2

Lab ID:	**06583-005**			**06583-006**			**06583-007**			**06583-008**	
Client ID:	**HH-34 (2.0-4.0)**			**HH-34 (4.0-6.0)**			**II-33 (0-2.0)**			**II-33 (2.0-4.0)**	
Depth:	**2/4**			**4/6**			**0/2**			**2/4**	
Matrix:	**Soil**			**Soil**			**Soil**			**Soil**	
Sampled Date	**7/2/12**			**7/2/12**			**7/2/12**			**7/2/12**	
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		5.35	ND		0.196	ND		2.42	ND		0.716
Aroclor-1221	ND		5.35	ND		0.196	ND		2.42	ND		0.716
Aroclor-1232	ND		5.35	ND		0.196	ND		2.42	ND		0.716
Aroclor-1242	ND		5.35	ND		0.196	ND		2.42	ND		0.716
Aroclor-1248	752		5.35	12.4		0.196	319		2.42	28.1		0.716
Aroclor-1254	ND		5.35	ND		0.196	ND		2.42	ND		0.716
Aroclor-1260	ND		5.35	ND		0.196	ND		2.42	ND		0.716
Aroclor-1262	ND		5.35	ND		0.196	ND		2.42	ND		0.716
Aroclor-1268	ND		5.35	ND		0.196	ND		2.42	ND		0.716
PCBs	752		5.35	12.4		0.196	319		2.42	28.1		0.716

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-06583

Lab ID:	06583-009			06583-010			06583-011			06583-012		
Client ID:	II-33 (4.0-6.0)			HH-33 (0-2.0)			HH-33 (2.0-4.0)			HH-33 (4.0-6.0)		
Depth:	4/6			0/2			2/4			4/6		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/2/12			7/2/12			7/2/12			7/2/12		
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		0.224	ND		0.040	ND		0.018
Aroclor-1221	ND		0.020	ND		0.224	ND		0.040	ND		0.018
Aroclor-1232	ND		0.020	ND		0.224	ND		0.040	ND		0.018
Aroclor-1242	ND		0.020	ND		0.224	ND		0.040	ND		0.018
Aroclor-1248	1.12		0.020	23.3		0.224	5.19		0.040	0.034	J	0.018
Aroclor-1254	ND		0.020	ND		0.224	1.12		0.040	ND		0.018
Aroclor-1260	ND		0.020	5.02		0.224	ND		0.040	ND		0.018
Aroclor-1262	ND		0.020	ND		0.224	ND		0.040	ND		0.018
Aroclor-1268	ND		0.020	ND		0.224	ND		0.040	ND		0.018
PCBs	1.12		0.020	28.3		0.224	6.31		0.040	0.034	J	0.018

Lab ID:	06583-013			06583-014			06583-015			06583-016		
Client ID:	GG-33 (0-2.0)			GG-33 (2.0-4.0)			GG-33 (4.0-6.0)			GG-32 (0-2.0)		
Depth:	0/2			2/4			4/6			0/2		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/2/12			7/2/12			7/2/12			7/2/12		
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		16.8	ND		0.018	ND		0.036	ND		0.175
Aroclor-1221	ND		16.8	ND		0.018	ND		0.036	ND		0.175
Aroclor-1232	ND		16.8	ND		0.018	ND		0.036	ND		0.175
Aroclor-1242	ND		16.8	ND		0.018	ND		0.036	ND		0.175
Aroclor-1248	2110		16.8	0.597		0.018	ND		0.036	31.3		0.175
Aroclor-1254	ND		16.8	ND		0.018	ND		0.036	ND		0.175
Aroclor-1260	ND		16.8	ND		0.018	ND		0.036	ND		0.175
Aroclor-1262	ND		16.8	ND		0.018	ND		0.036	ND		0.175
Aroclor-1268	ND		16.8	ND		0.018	ND		0.036	ND		0.175
PCBs	2110		16.8	0.597		0.018	ND		0.036	31.3		0.175

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT

Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-06583

Lab ID:	06583-017			06583-018			06583-019			06583-020		
Client ID:	GG-32 (2.0-4.0)			GG-32 (4.0-6.0)			HH-32 (0-2.0)			HH-32 (2.0-4.0)		
Depth:	2/4			4/6			0/2			2/4		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/2/12			7/2/12			7/2/12			7/2/12		
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		0.197	ND		0.019	ND		1.78	ND		0.207
Aroclor-1221	ND		0.197	ND		0.019	ND		1.78	ND		0.207
Aroclor-1232	ND		0.197	ND		0.019	ND		1.78	ND		0.207
Aroclor-1242	ND		0.197	ND		0.019	ND		1.78	ND		0.207
Aroclor-1248	13.0		0.197	ND		0.019	109		1.78	41.5		0.207
Aroclor-1254	ND		0.197	ND		0.019	ND		1.78	ND		0.207
Aroclor-1260	4.53		0.197	ND		0.019	ND		1.78	ND		0.207
Aroclor-1262	ND		0.197	ND		0.019	ND		1.78	ND		0.207
Aroclor-1268	ND		0.197	ND		0.019	ND		1.78	ND		0.207
PCBs	17.5		0.197	ND		0.019	109		1.78	41.5		0.207

Lab ID:	06583-021			06583-022			06583-023			06583-024		
Client ID:	HH-32 (4.0-6.0)			II-32 (0-2.0)			II-32 (2.0-4.0)			II-32 (4.0-6.0)		
Depth:	4/6			0/2			2/4			4/6		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/2/12			7/2/12			7/2/12			7/2/12		
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		0.026	ND		1.99	ND		0.222	ND		0.022
Aroclor-1221	ND		0.026	ND		1.99	ND		0.222	ND		0.022
Aroclor-1232	ND		0.026	ND		1.99	ND		0.222	ND		0.022
Aroclor-1242	ND		0.026	ND		1.99	ND		0.222	ND		0.022
Aroclor-1248	0.367		0.026	305		1.99	49.5		0.222	0.523		0.022
Aroclor-1254	ND		0.026	ND		1.99	ND		0.222	ND		0.022
Aroclor-1260	ND		0.026	ND		1.99	ND		0.222	ND		0.022
Aroclor-1262	ND		0.026	ND		1.99	ND		0.222	ND		0.022
Aroclor-1268	ND		0.026	ND		1.99	ND		0.222	ND		0.022
PCBs	0.367		0.026	305		1.99	49.5		0.222	0.523		0.022

Lab ID:	06583-025			06583-026			06583-027			06583-028		
Client ID:	JJ-32 (0-2.0)			JJ-32 (2.0-4.0)			JJ-32 (4.0-6.0)			KK-31 (0-2.0)		
Depth:	0/2			2/4			4/6			0/2		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/2/12			7/2/12			7/2/12			7/2/12		
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		0.457	ND		0.038	ND		0.018	ND		2.13
Aroclor-1221	ND		0.457	ND		0.038	ND		0.018	ND		2.13
Aroclor-1232	ND		0.457	ND		0.038	ND		0.018	ND		2.13
Aroclor-1242	ND		0.457	ND		0.038	ND		0.018	ND		2.13
Aroclor-1248	72.9		0.457	5.44		0.038	0.097		0.018	56.2		2.13
Aroclor-1254	ND		0.457	ND		0.038	ND		0.018	ND		2.13
Aroclor-1260	ND		0.457	0.797		0.038	ND		0.018	ND		2.13
Aroclor-1262	ND		0.457	ND		0.038	ND		0.018	ND		2.13
Aroclor-1268	ND		0.457	ND		0.038	ND		0.018	ND		2.13
PCBs	72.9		0.457	6.24		0.038	0.097		0.018	56.2		2.13

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-06583

Lab ID:	06583-029			06583-030			06583-031			06583-032		
Client ID:	KK-31 (2.0-4.0)			KK-31 (4.0-6.0)			JJ-31 (0-2.0)			JJ-31 (2.0-4.0)		
Depth:	2/4			4/6			0/2			2/4		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/2/12			7/2/12			7/2/12			7/2/12		
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		0.066	ND		0.019	ND		24.2	ND		3.63
Aroclor-1221	ND		0.066	ND		0.019	ND		24.2	ND		3.63
Aroclor-1232	ND		0.066	ND		0.019	ND		24.2	ND		3.63
Aroclor-1242	ND		0.066	ND		0.019	ND		24.2	ND		3.63
Aroclor-1248	6.58		0.066	ND		0.019	1590		24.2	103		3.63
Aroclor-1254	ND		0.066	ND		0.019	ND		24.2	ND		3.63
Aroclor-1260	ND		0.066	ND		0.019	ND		24.2	ND		3.63
Aroclor-1262	ND		0.066	ND		0.019	ND		24.2	ND		3.63
Aroclor-1268	ND		0.066	ND		0.019	ND		24.2	ND		3.63
PCBs	6.58		0.066	ND		0.019	1590		24.2	103		3.63

Lab ID:	06583-033			06583-034			06583-035			06583-036		
Client ID:	JJ-31 (4.0-6.0)			II-31 (0-2.0)			II-31 (2.0-4.0)			II-31 (4.0-6.0)		
Depth:	4/6			0/2			2/4			4/6		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/2/12			7/2/12			7/2/12			7/2/12		
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		0.018	ND		16.4	ND		0.158	ND		0.019
Aroclor-1221	ND		0.018	ND		16.4	ND		0.158	ND		0.019
Aroclor-1232	ND		0.018	ND		16.4	ND		0.158	ND		0.019
Aroclor-1242	ND		0.018	ND		16.4	ND		0.158	ND		0.019
Aroclor-1248	0.289		0.018	2230		16.4	15.1		0.158	0.597		0.019
Aroclor-1254	ND		0.018	ND		16.4	ND		0.158	ND		0.019
Aroclor-1260	ND		0.018	ND		16.4	ND		0.158	ND		0.019
Aroclor-1262	ND		0.018	ND		16.4	ND		0.158	ND		0.019
Aroclor-1268	ND		0.018	ND		16.4	ND		0.158	ND		0.019
PCBs	0.289		0.018	2230		16.4	15.1		0.158	0.597		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.: E12-06583

Lab ID:	06583-037			06583-038			06583-039			06583-040		
Client ID:	HH-31 (0-2.0)			HH-31 (2.0-4.0)			HH-31 (4.0-6.0)			GG-31 (0-2.0)		
Depth:	0/2			2/4			4/6			0/2		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/2/12			7/2/12			7/2/12			7/2/12		
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		1.78	ND		0.017	ND		0.021	ND		1.64
Aroclor-1221	ND		1.78	ND		0.017	ND		0.021	ND		1.64
Aroclor-1232	ND		1.78	ND		0.017	ND		0.021	ND		1.64
Aroclor-1242	ND		1.78	ND		0.017	ND		0.021	ND		1.64
Aroclor-1248	293		1.78	7.10		0.017	ND		0.021	513		1.64
Aroclor-1254	ND		1.78	ND		0.017	ND		0.021	ND		1.64
Aroclor-1260	ND		1.78	ND		0.017	ND		0.021	ND		1.64
Aroclor-1262	ND		1.78	ND		0.017	ND		0.021	ND		1.64
Aroclor-1268	ND		1.78	ND		0.017	ND		0.021	ND		1.64
PCBs	293		1.78	7.10		0.017	ND		0.021	513		1.64

Lab ID:	06583-041			06583-042			06583-043			06583-044		
Client ID:	GG-31 (2.0-4.0)			GG-31 (4.0-6.0)			FF-31 (0-2.0)			FF-31 (2.0-4.0)		
Depth:	2/4			4/6			0/2			2/3		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/2/12			7/2/12			7/2/12			7/2/12		
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		3.08	ND		0.017	ND		1.54	ND		0.230
Aroclor-1221	ND		3.08	ND		0.017	ND		1.54	ND		0.230
Aroclor-1232	ND		3.08	ND		0.017	ND		1.54	ND		0.230
Aroclor-1242	ND		3.08	ND		0.017	ND		1.54	ND		0.230
Aroclor-1248	351		3.08	1.12		0.017	477		1.54	16.9		0.230
Aroclor-1254	ND		3.08	ND		0.017	ND		1.54	ND		0.230
Aroclor-1260	ND		3.08	ND		0.017	ND		1.54	ND		0.230
Aroclor-1262	ND		3.08	ND		0.017	ND		1.54	ND		0.230
Aroclor-1268	ND		3.08	ND		0.017	ND		1.54	ND		0.230
PCBs	351		3.08	1.12		0.017	477		1.54	16.9		0.230

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-06583

Lab ID:	06583-045			06583-046			06583-047			06583-048		
Client ID:	FF-31 (4.0-6.0)			EE-30 (0-2.0)			EE-30 (2.0-4.0)			EE-30 (4.0-6.0)		
Depth:	4/6			0/2			2/4			4/6		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/2/12			7/2/12			7/2/12			7/2/12		
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		0.296	ND		1.87	ND		0.034	ND		0.018
Aroclor-1221	ND		0.296	ND		1.87	ND		0.034	ND		0.018
Aroclor-1232	ND		0.296	ND		1.87	ND		0.034	ND		0.018
Aroclor-1242	ND		0.296	ND		1.87	ND		0.034	ND		0.018
Aroclor-1248	ND		0.296	157		1.87	9.13		0.034	1.01		0.018
Aroclor-1254	ND		0.296	ND		1.87	ND		0.034	ND		0.018
Aroclor-1260	41.8		0.296	ND		1.87	13.9		0.034	ND		0.018
Aroclor-1262	ND		0.296	ND		1.87	ND		0.034	ND		0.018
Aroclor-1268	ND		0.296	ND		1.87	ND		0.034	ND		0.018
PCBs	41.8		0.296	157		1.87	23.0		0.034	1.01		0.018

Lab ID:	06583-049			06583-050			06583-051			06583-052		
Client ID:	FF-30 (0-2.0)			FF-30 (2.0-4.0)			FF-30 (4.0-6.0)			GG-30 (0-2.0)		
Depth:	0/2			2/4			4/6			0/2		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/2/12			7/2/12			7/2/12			7/2/12		
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		1.60	ND		0.036	ND		0.019	ND		1.68
Aroclor-1221	ND		1.60	ND		0.036	ND		0.019	ND		1.68
Aroclor-1232	ND		1.60	ND		0.036	ND		0.019	ND		1.68
Aroclor-1242	ND		1.60	ND		0.036	ND		0.019	ND		1.68
Aroclor-1248	499		1.60	1.00		0.036	0.215		0.019	216		1.68
Aroclor-1254	ND		1.60	ND		0.036	ND		0.019	ND		1.68
Aroclor-1260	ND		1.60	ND		0.036	ND		0.019	ND		1.68
Aroclor-1262	ND		1.60	ND		0.036	ND		0.019	ND		1.68
Aroclor-1268	ND		1.60	ND		0.036	ND		0.019	ND		1.68
PCBs	499		1.60	1.00		0.036	0.215		0.019	216		1.68

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-06583

Lab ID:	06583-053			06583-054			06583-055			06583-056		
Client ID:	GG-30 (2.0-4.0)			GG-30 (4.0-6.0)			HH-30 (0-2.0)			HH-30 (2.0-4.0)		
Depth:	2/4			4/6			0/2			2/4		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/2/12			7/2/12			7/2/12			7/2/12		
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		1.57	ND		0.017
Aroclor-1221	ND		0.020	ND		0.018	ND		1.57	ND		0.017
Aroclor-1232	ND		0.020	ND		0.018	ND		1.57	ND		0.017
Aroclor-1242	ND		0.020	ND		0.018	ND		1.57	ND		0.017
Aroclor-1248	0.856		0.020	ND		0.018	102		1.57	0.674		0.017
Aroclor-1254	ND		0.020	ND		0.018	ND		1.57	ND		0.017
Aroclor-1260	ND		0.020	ND		0.018	ND		1.57	ND		0.017
Aroclor-1262	ND		0.020	ND		0.018	ND		1.57	ND		0.017
Aroclor-1268	ND		0.020	ND		0.018	ND		1.57	ND		0.017
PCBs	0.856		0.020	ND		0.018	102		1.57	0.674		0.017

Lab ID:	06583-057			06583-058			06583-059			06583-060		
Client ID:	HH-30 (4.0-6.0)			II-30 (0-2.0)			II-30 (2.0-4.0)			II-30 (4.0-6.0)		
Depth:	4/6			0/2			2/4			4/6		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/2/12			7/2/12			7/2/12			7/2/12		
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		0.226	ND		0.193	ND		0.017
Aroclor-1221	ND		0.027	ND		0.226	ND		0.193	ND		0.017
Aroclor-1232	ND		0.027	ND		0.226	ND		0.193	ND		0.017
Aroclor-1242	ND		0.027	ND		0.226	ND		0.193	ND		0.017
Aroclor-1248	ND		0.027	90.5		0.226	22.6		0.193	0.375		0.017
Aroclor-1254	ND		0.027	ND		0.226	ND		0.193	ND		0.017
Aroclor-1260	ND		0.027	ND		0.226	ND		0.193	ND		0.017
Aroclor-1262	ND		0.027	ND		0.226	ND		0.193	ND		0.017
Aroclor-1268	ND		0.027	ND		0.226	ND		0.193	ND		0.017
PCBs	ND		0.027	90.5		0.226	22.6		0.193	0.375		0.017

ND = Analyzed for but Not Detected at the MDL

ANALYTICAL RESULTS

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-001
Client ID: GG-34_(0-2
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/09/2012
Data file: R1339.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.26g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 20
% Moisture: 25.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		1.02	0.408
Aroclor-1221	ND		1.02	0.408
Aroclor-1232	ND		1.02	0.408
Aroclor-1242	ND		1.02	0.408
Aroclor-1248	70.6		1.02	0.408
Aroclor-1254	ND		1.02	0.408
Aroclor-1260	27.3		1.02	0.408
Aroclor-1262	ND		1.02	0.408
Aroclor-1268	ND		1.02	0.408
PCBs	97.9		1.02	0.408

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-002
Client ID: GG-34_(2.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/10/2012
Data file: R1415.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.44g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 27.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.051	0.020
Aroclor-1221	ND		0.051	0.020
Aroclor-1232	ND		0.051	0.020
Aroclor-1242	ND		0.051	0.020
Aroclor-1248	4.95		0.051	0.020
Aroclor-1254	ND		0.051	0.020
Aroclor-1260	ND		0.051	0.020
Aroclor-1262	ND		0.051	0.020
Aroclor-1268	ND		0.051	0.020
PCBs	4.95		0.051	0.020

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-003
Client ID: GG-34_(4.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/09/2012
Data file: R1341.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.44g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 24.3

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	0.213		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	0.213		0.049	0.019

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-004
Client ID: HH-34_(0-2
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/09/2012
Data file: R1342.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.24g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 20.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		48.0	19.2
Aroclor-1221	ND		48.0	19.2
Aroclor-1232	ND		48.0	19.2
Aroclor-1242	ND		48.0	19.2
Aroclor-1248	2180		48.0	19.2
Aroclor-1254	ND		48.0	19.2
Aroclor-1260	ND		48.0	19.2
Aroclor-1262	ND		48.0	19.2
Aroclor-1268	ND		48.0	19.2
PCBs	2180		48.0	19.2

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INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-005
Client ID: HH-34_(2.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/09/2012
Data file: R1343.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.17g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 200
% Moisture: 42.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		13.4	5.35
Aroclor-1221	ND		13.4	5.35
Aroclor-1232	ND		13.4	5.35
Aroclor-1242	ND		13.4	5.35
Aroclor-1248	752		13.4	5.35
Aroclor-1254	ND		13.4	5.35
Aroclor-1260	ND		13.4	5.35
Aroclor-1262	ND		13.4	5.35
Aroclor-1268	ND		13.4	5.35
PCBs	752		13.4	5.35

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-006
Client ID: HH-34_(4.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/09/2012
Data file: R1344.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.46g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 25.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.489	0.196
Aroclor-1221	ND		0.489	0.196
Aroclor-1232	ND		0.489	0.196
Aroclor-1242	ND		0.489	0.196
Aroclor-1248	12.4		0.489	0.196
Aroclor-1254	ND		0.489	0.196
Aroclor-1260	ND		0.489	0.196
Aroclor-1262	ND		0.489	0.196
Aroclor-1268	ND		0.489	0.196
PCBs	12.4		0.489	0.196

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-007
Client ID: II-33_(0-2
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/09/2012
Data file: R1345.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.67g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 41.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		6.04	2.42
Aroclor-1221	ND		6.04	2.42
Aroclor-1232	ND		6.04	2.42
Aroclor-1242	ND		6.04	2.42
Aroclor-1248	319		6.04	2.42
Aroclor-1254	ND		6.04	2.42
Aroclor-1260	ND		6.04	2.42
Aroclor-1262	ND		6.04	2.42
Aroclor-1268	ND		6.04	2.42
PCBs	319		6.04	2.42

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-008
Client ID: II-33_(2.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/10/2012
Data file: R1416.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.70g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 20
% Moisture: 60.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		1.79	0.716
Aroclor-1221	ND		1.79	0.716
Aroclor-1232	ND		1.79	0.716
Aroclor-1242	ND		1.79	0.716
Aroclor-1248	28.1		1.79	0.716
Aroclor-1254	ND		1.79	0.716
Aroclor-1260	ND		1.79	0.716
Aroclor-1262	ND		1.79	0.716
Aroclor-1268	ND		1.79	0.716
PCBs	28.1		1.79	0.716

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-009
Client ID: II-33_(4.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/09/2012
Data file: R1347.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.22g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 22.4

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	1.12		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	1.12		0.049	0.020

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-010
Client ID: HH-33_(0-2
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/11/2012
Data file: R1459.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.69g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 37.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.559	0.224
Aroclor-1221	ND		0.559	0.224
Aroclor-1232	ND		0.559	0.224
Aroclor-1242	ND		0.559	0.224
Aroclor-1248	23.3		0.559	0.224
Aroclor-1254	ND		0.559	0.224
Aroclor-1260	5.02		0.559	0.224
Aroclor-1262	ND		0.559	0.224
Aroclor-1268	ND		0.559	0.224
PCBs	28.3		0.559	0.224

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INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-011
Client ID: HH-33_(2.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/11/2012
Data file: R1460.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.54g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 64.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.100	0.040
Aroclor-1221	ND		0.100	0.040
Aroclor-1232	ND		0.100	0.040
Aroclor-1242	ND		0.100	0.040
Aroclor-1248	5.19		0.100	0.040
Aroclor-1254	1.12		0.100	0.040
Aroclor-1260	ND		0.100	0.040
Aroclor-1262	ND		0.100	0.040
Aroclor-1268	ND		0.100	0.040
PCBs	6.31		0.100	0.040

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-012
Client ID: HH-33_(4.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/09/2012
Data file: R1350.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.50g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 21.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.046	0.018
Aroclor-1221	ND		0.046	0.018
Aroclor-1232	ND		0.046	0.018
Aroclor-1242	ND		0.046	0.018
Aroclor-1248	0.034	J	0.046	0.018
Aroclor-1254	ND		0.046	0.018
Aroclor-1260	ND		0.046	0.018
Aroclor-1262	ND		0.046	0.018
Aroclor-1268	ND		0.046	0.018
PCBs	0.034	J	0.046	0.018

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INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-013
Client ID: GG-33_(0-2
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/09/2012
Data file: R1351.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.68g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 16.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		42.0	16.8
Aroclor-1221	ND		42.0	16.8
Aroclor-1232	ND		42.0	16.8
Aroclor-1242	ND		42.0	16.8
Aroclor-1248	2110		42.0	16.8
Aroclor-1254	ND		42.0	16.8
Aroclor-1260	ND		42.0	16.8
Aroclor-1262	ND		42.0	16.8
Aroclor-1268	ND		42.0	16.8
PCBs	2110		42.0	16.8

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-014
Client ID: GG-33_(2.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/10/2012
Data file: R1419.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.53g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 20.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.046	0.018
Aroclor-1221	ND		0.046	0.018
Aroclor-1232	ND		0.046	0.018
Aroclor-1242	ND		0.046	0.018
Aroclor-1248	0.597		0.046	0.018
Aroclor-1254	ND		0.046	0.018
Aroclor-1260	ND		0.046	0.018
Aroclor-1262	ND		0.046	0.018
Aroclor-1268	ND		0.046	0.018
PCBs	0.597		0.046	0.018

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INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-015
Client ID: GG-33_(4.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/09/2012
Data file: R1353.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.16g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 56.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.089	0.036
Aroclor-1221	ND		0.089	0.036
Aroclor-1232	ND		0.089	0.036
Aroclor-1242	ND		0.089	0.036
Aroclor-1248	ND		0.089	0.036
Aroclor-1254	ND		0.089	0.036
Aroclor-1260	ND		0.089	0.036
Aroclor-1262	ND		0.089	0.036
Aroclor-1268	ND		0.089	0.036
PCBs	ND		0.089	0.036

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-016
Client ID: GG-32_(0-2
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/09/2012
Data file: R1354.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.21g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 12.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.439	0.175
Aroclor-1221	ND		0.439	0.175
Aroclor-1232	ND		0.439	0.175
Aroclor-1242	ND		0.439	0.175
Aroclor-1248	31.3		0.439	0.175
Aroclor-1254	ND		0.439	0.175
Aroclor-1260	ND		0.439	0.175
Aroclor-1262	ND		0.439	0.175
Aroclor-1268	ND		0.439	0.175
PCBs	31.3		0.439	0.175

E12-06583 0032

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-017
Client ID: GG-32_(2.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/10/2012
Data file: R1420.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.36g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 24.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.492	0.197
Aroclor-1221	ND		0.492	0.197
Aroclor-1232	ND		0.492	0.197
Aroclor-1242	ND		0.492	0.197
Aroclor-1248	13.0		0.492	0.197
Aroclor-1254	ND		0.492	0.197
Aroclor-1260	4.53		0.492	0.197
Aroclor-1262	ND		0.492	0.197
Aroclor-1268	ND		0.492	0.197
PCBs	17.5		0.492	0.197

E12-06583 0033

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-018
Client ID: GG-32_(4.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/10/2012
Data file: R1356.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.44g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 21.7

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	ND		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	ND		0.047	0.019

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-019
Client ID: HH-32_(0-2
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/10/2012
Data file: R1357.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.61g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 19.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.44	1.78
Aroclor-1221	ND		4.44	1.78
Aroclor-1232	ND		4.44	1.78
Aroclor-1242	ND		4.44	1.78
Aroclor-1248	109		4.44	1.78
Aroclor-1254	ND		4.44	1.78
Aroclor-1260	ND		4.44	1.78
Aroclor-1262	ND		4.44	1.78
Aroclor-1268	ND		4.44	1.78
PCBs	109		4.44	1.78

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-020
Client ID: HH-32_(2.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/10/2012
Data file: R1358.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.24g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 26.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.516	0.207
Aroclor-1221	ND		0.516	0.207
Aroclor-1232	ND		0.516	0.207
Aroclor-1242	ND		0.516	0.207
Aroclor-1248	41.5		0.516	0.207
Aroclor-1254	ND		0.516	0.207
Aroclor-1260	ND		0.516	0.207
Aroclor-1262	ND		0.516	0.207
Aroclor-1268	ND		0.516	0.207
PCBs	41.5		0.516	0.207

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-021
Client ID: HH-32_(4.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/10/2012
Data file: R1422.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.42g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 42.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.064	0.026
Aroclor-1221	ND		0.064	0.026
Aroclor-1232	ND		0.064	0.026
Aroclor-1242	ND		0.064	0.026
Aroclor-1248	0.367		0.064	0.026
Aroclor-1254	ND		0.064	0.026
Aroclor-1260	ND		0.064	0.026
Aroclor-1262	ND		0.064	0.026
Aroclor-1268	ND		0.064	0.026
PCBs	0.367		0.064	0.026

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-022
Client ID: II-32_(0-2
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/10/2012
Data file: R1366.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.37g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 25.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.99	1.99
Aroclor-1221	ND		4.99	1.99
Aroclor-1232	ND		4.99	1.99
Aroclor-1242	ND		4.99	1.99
Aroclor-1248	305		4.99	1.99
Aroclor-1254	ND		4.99	1.99
Aroclor-1260	ND		4.99	1.99
Aroclor-1262	ND		4.99	1.99
Aroclor-1268	ND		4.99	1.99
PCBs	305		4.99	1.99

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-023
Client ID: II-32_(2.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/10/2012
Data file: R1423.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.50g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 34.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.556	0.222
Aroclor-1221	ND		0.556	0.222
Aroclor-1232	ND		0.556	0.222
Aroclor-1242	ND		0.556	0.222
Aroclor-1248	49.5		0.556	0.222
Aroclor-1254	ND		0.556	0.222
Aroclor-1260	ND		0.556	0.222
Aroclor-1262	ND		0.556	0.222
Aroclor-1268	ND		0.556	0.222
PCBs	49.5		0.556	0.222

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-024
Client ID: II-32_(4.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/10/2012
Data file: R1368.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.78g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 36.0

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	0.523		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	0.523		0.054	0.022

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-025
Client ID: JJ-32_(0-2
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/10/2012
Data file: R1424.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.47g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 20
% Moisture: 36.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		1.14	0.457
Aroclor-1221	ND		1.14	0.457
Aroclor-1232	ND		1.14	0.457
Aroclor-1242	ND		1.14	0.457
Aroclor-1248	72.9		1.14	0.457
Aroclor-1254	ND		1.14	0.457
Aroclor-1260	ND		1.14	0.457
Aroclor-1262	ND		1.14	0.457
Aroclor-1268	ND		1.14	0.457
PCBs	72.9		1.14	0.457

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-026
Client ID: JJ-32_(2.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/11/2012
Data file: R1461.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.67g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 62.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.095	0.038
Aroclor-1221	ND		0.095	0.038
Aroclor-1232	ND		0.095	0.038
Aroclor-1242	ND		0.095	0.038
Aroclor-1248	5.44		0.095	0.038
Aroclor-1254	ND		0.095	0.038
Aroclor-1260	0.797		0.095	0.038
Aroclor-1262	ND		0.095	0.038
Aroclor-1268	ND		0.095	0.038
PCBs	6.24		0.095	0.038

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-027
Client ID: JJ-32_(4.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/10/2012
Data file: R1371.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.55g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 20.5

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	0.097		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	0.097		0.045	0.018

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-028
Client ID: KK-31_(0-2
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/10/2012
Data file: R1372.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.77g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 34.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		5.32	2.13
Aroclor-1221	ND		5.32	2.13
Aroclor-1232	ND		5.32	2.13
Aroclor-1242	ND		5.32	2.13
Aroclor-1248	56.2		5.32	2.13
Aroclor-1254	ND		5.32	2.13
Aroclor-1260	ND		5.32	2.13
Aroclor-1262	ND		5.32	2.13
Aroclor-1268	ND		5.32	2.13
PCBs	56.2		5.32	2.13

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-029
Client ID: KK-31_(2.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/10/2012
Data file: R1426.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.42g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 77.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.165	0.066
Aroclor-1221	ND		0.165	0.066
Aroclor-1232	ND		0.165	0.066
Aroclor-1242	ND		0.165	0.066
Aroclor-1248	6.58		0.165	0.066
Aroclor-1254	ND		0.165	0.066
Aroclor-1260	ND		0.165	0.066
Aroclor-1262	ND		0.165	0.066
Aroclor-1268	ND		0.165	0.066
PCBs	6.58		0.165	0.066

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-030
Client ID: KK-31_(4.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/10/2012
Data file: R1374.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.45g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 21.0

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	ND		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	ND		0.047	0.019

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-031
Client ID: JJ-31_(0-2
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/10/2012
Data file: R1375.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.12g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 35.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		60.5	24.2
Aroclor-1221	ND		60.5	24.2
Aroclor-1232	ND		60.5	24.2
Aroclor-1242	ND		60.5	24.2
Aroclor-1248	1590		60.5	24.2
Aroclor-1254	ND		60.5	24.2
Aroclor-1260	ND		60.5	24.2
Aroclor-1262	ND		60.5	24.2
Aroclor-1268	ND		60.5	24.2
PCBs	1590		60.5	24.2

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-032
Client ID: JJ-31_(2.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/10/2012
Data file: R1427.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.83g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 62.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		9.08	3.63
Aroclor-1221	ND		9.08	3.63
Aroclor-1232	ND		9.08	3.63
Aroclor-1242	ND		9.08	3.63
Aroclor-1248	103		9.08	3.63
Aroclor-1254	ND		9.08	3.63
Aroclor-1260	ND		9.08	3.63
Aroclor-1262	ND		9.08	3.63
Aroclor-1268	ND		9.08	3.63
PCBs	103		9.08	3.63

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-033
Client ID: JJ-31_(4.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/10/2012
Data file: R1377.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.64g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 20.5

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	0.289		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	0.289		0.045	0.018

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-034
Client ID: II-31_(0-2
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/10/2012
Data file: R1378.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.79g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 15.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		41.1	16.4
Aroclor-1221	ND		41.1	16.4
Aroclor-1232	ND		41.1	16.4
Aroclor-1242	ND		41.1	16.4
Aroclor-1248	2230		41.1	16.4
Aroclor-1254	ND		41.1	16.4
Aroclor-1260	ND		41.1	16.4
Aroclor-1262	ND		41.1	16.4
Aroclor-1268	ND		41.1	16.4
PCBs	2230		41.1	16.4

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INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-035
Client ID: II-31_(2.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/10/2012
Data file: R1428.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.65g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 10.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.394	0.158
Aroclor-1221	ND		0.394	0.158
Aroclor-1232	ND		0.394	0.158
Aroclor-1242	ND		0.394	0.158
Aroclor-1248	15.1		0.394	0.158
Aroclor-1254	ND		0.394	0.158
Aroclor-1260	ND		0.394	0.158
Aroclor-1262	ND		0.394	0.158
Aroclor-1268	ND		0.394	0.158
PCBs	15.1		0.394	0.158

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-036
Client ID: II-31_(4.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/10/2012
Data file: R1429.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.71g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 25.7

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	0.597		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	0.597		0.047	0.019

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-037
Client ID: HH-31_(0-2
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/10/2012
Data file: R1381.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.31g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 15.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.44	1.78
Aroclor-1221	ND		4.44	1.78
Aroclor-1232	ND		4.44	1.78
Aroclor-1242	ND		4.44	1.78
Aroclor-1248	293		4.44	1.78
Aroclor-1254	ND		4.44	1.78
Aroclor-1260	ND		4.44	1.78
Aroclor-1262	ND		4.44	1.78
Aroclor-1268	ND		4.44	1.78
PCBs	293		4.44	1.78

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-038
Client ID: HH-31_(2.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/11/2012
Data file: RI430.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.51g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 12.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.041	0.017
Aroclor-1221	ND		0.041	0.017
Aroclor-1232	ND		0.041	0.017
Aroclor-1242	ND		0.041	0.017
Aroclor-1248	7.10		0.041	0.017
Aroclor-1254	ND		0.041	0.017
Aroclor-1260	ND		0.041	0.017
Aroclor-1262	ND		0.041	0.017
Aroclor-1268	ND		0.041	0.017
PCBs	7.10		0.041	0.017

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-039
Client ID: HH-31_(4.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/10/2012
Data file: R1383.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.64g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 31.4

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	ND		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	ND		0.052	0.021

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INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-040
Client ID: GG-31_(0-2
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/10/2012
Data file: R1384.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.44g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 10.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.11	1.64
Aroclor-1221	ND		4.11	1.64
Aroclor-1232	ND		4.11	1.64
Aroclor-1242	ND		4.11	1.64
Aroclor-1248	513		4.11	1.64
Aroclor-1254	ND		4.11	1.64
Aroclor-1260	ND		4.11	1.64
Aroclor-1262	ND		4.11	1.64
Aroclor-1268	ND		4.11	1.64
PCBs	513		4.11	1.64

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-041
Client ID: GG-31_(2.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/10/2012
Data file: R1391.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.76g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 54.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		7.70	3.08
Aroclor-1221	ND		7.70	3.08
Aroclor-1232	ND		7.70	3.08
Aroclor-1242	ND		7.70	3.08
Aroclor-1248	351		7.70	3.08
Aroclor-1254	ND		7.70	3.08
Aroclor-1260	ND		7.70	3.08
Aroclor-1262	ND		7.70	3.08
Aroclor-1268	ND		7.70	3.08
PCBs	351		7.70	3.08

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-042
Client ID: GG-31_(4.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/10/2012
Data file: R1392.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.66g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 18.7

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	1.12		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	1.12		0.043	0.017

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-043
Client ID: FF-31_(0-2
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/10/2012
Data file: R1393.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.71g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 9.30

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		3.86	1.54
Aroclor-1221	ND		3.86	1.54
Aroclor-1232	ND		3.86	1.54
Aroclor-1242	ND		3.86	1.54
Aroclor-1248	477		3.86	1.54
Aroclor-1254	ND		3.86	1.54
Aroclor-1260	ND		3.86	1.54
Aroclor-1262	ND		3.86	1.54
Aroclor-1268	ND		3.86	1.54
PCBs	477		3.86	1.54

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-044
Client ID: FF-31_(2.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/11/2012
Data file: R1481.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.50g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 36.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.575	0.230
Aroclor-1221	ND		0.575	0.230
Aroclor-1232	ND		0.575	0.230
Aroclor-1242	ND		0.575	0.230
Aroclor-1248	16.9		0.575	0.230
Aroclor-1254	ND		0.575	0.230
Aroclor-1260	ND		0.575	0.230
Aroclor-1262	ND		0.575	0.230
Aroclor-1268	ND		0.575	0.230
PCBs	16.9		0.575	0.230

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INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-045
Client ID: FF-31_(4.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/12/2012
Data file: R1482.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.27g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 48.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.740	0.296
Aroclor-1221	ND		0.740	0.296
Aroclor-1232	ND		0.740	0.296
Aroclor-1242	ND		0.740	0.296
Aroclor-1248	ND		0.740	0.296
Aroclor-1254	ND		0.740	0.296
Aroclor-1260	41.8		0.740	0.296
Aroclor-1262	ND		0.740	0.296
Aroclor-1268	ND		0.740	0.296
PCBs	41.8		0.740	0.296

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-046
Client ID: EE-30_(0-2
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/12/2012
Data file: R1483.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.25g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 18.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.67	1.87
Aroclor-1221	ND		4.67	1.87
Aroclor-1232	ND		4.67	1.87
Aroclor-1242	ND		4.67	1.87
Aroclor-1248	157		4.67	1.87
Aroclor-1254	ND		4.67	1.87
Aroclor-1260	ND		4.67	1.87
Aroclor-1262	ND		4.67	1.87
Aroclor-1268	ND		4.67	1.87
PCBs	157		4.67	1.87

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-047
Client ID: EE-30_(2.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/12/2012
Data file: R1484.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.44g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 56.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.084	0.034
Aroclor-1221	ND		0.084	0.034
Aroclor-1232	ND		0.084	0.034
Aroclor-1242	ND		0.084	0.034
Aroclor-1248	9.13		0.084	0.034
Aroclor-1254	ND		0.084	0.034
Aroclor-1260	13.9		0.084	0.034
Aroclor-1262	ND		0.084	0.034
Aroclor-1268	ND		0.084	0.034
PCBs	23.0		0.084	0.034

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-048
Client ID: EE-30_(4.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/10/2012
Data file: R1398.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.68g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 22.0

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	1.01		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	1.01		0.045	0.018

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-049
Client ID: FF-30_(0-2
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/10/2012
Data file: R1399.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.76g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 13.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.00	1.60
Aroclor-1221	ND		4.00	1.60
Aroclor-1232	ND		4.00	1.60
Aroclor-1242	ND		4.00	1.60
Aroclor-1248	499		4.00	1.60
Aroclor-1254	ND		4.00	1.60
Aroclor-1260	ND		4.00	1.60
Aroclor-1262	ND		4.00	1.60
Aroclor-1268	ND		4.00	1.60
PCBs	499		4.00	1.60

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-050
Client ID: FF-30_(2.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/12/2012
Data file: R1485.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.45g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 59.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.091	0.036
Aroclor-1221	ND		0.091	0.036
Aroclor-1232	ND		0.091	0.036
Aroclor-1242	ND		0.091	0.036
Aroclor-1248	1.00		0.091	0.036
Aroclor-1254	ND		0.091	0.036
Aroclor-1260	ND		0.091	0.036
Aroclor-1262	ND		0.091	0.036
Aroclor-1268	ND		0.091	0.036
PCBs	1.00		0.091	0.036

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-051
Client ID: FF-30_(4.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/10/2012
Data file: R1401.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.60g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 24.1

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	0.215		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	0.215		0.047	0.019

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-052
Client ID: GG-30_(0-2
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/10/2012
Data file: R1402.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.42g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 12.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.21	1.68
Aroclor-1221	ND		4.21	1.68
Aroclor-1232	ND		4.21	1.68
Aroclor-1242	ND		4.21	1.68
Aroclor-1248	216		4.21	1.68
Aroclor-1254	ND		4.21	1.68
Aroclor-1260	ND		4.21	1.68
Aroclor-1262	ND		4.21	1.68
Aroclor-1268	ND		4.21	1.68
PCBs	216		4.21	1.68

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-053
Client ID: GG-30_(2.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/13/2012
Data file: R1557.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.85g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 30.0

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	0.856		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	0.856		0.049	0.020

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-054
Client ID: GG-30_(4.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/10/2012
Data file: R1404.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.60g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 20.9

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

E12-06583 0070

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-055
Client ID: HH-30_(0-2
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/10/2012
Data file: R1405.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.63g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 9.50

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		3.93	1.57
Aroclor-1221	ND		3.93	1.57
Aroclor-1232	ND		3.93	1.57
Aroclor-1242	ND		3.93	1.57
Aroclor-1248	102		3.93	1.57
Aroclor-1254	ND		3.93	1.57
Aroclor-1260	ND		3.93	1.57
Aroclor-1262	ND		3.93	1.57
Aroclor-1268	ND		3.93	1.57
PCBs	102		3.93	1.57

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-056
Client ID: HH-30_(2.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/12/2012
Data file: R1487.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.49g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 14.6

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	0.674		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	0.674		0.043	0.017

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-057
Client ID: HH-30_(4.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/12/2012
Data file: R1488.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.61g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 46.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.066	0.027
Aroclor-1221	ND		0.066	0.027
Aroclor-1232	ND		0.066	0.027
Aroclor-1242	ND		0.066	0.027
Aroclor-1248	ND		0.066	0.027
Aroclor-1254	ND		0.066	0.027
Aroclor-1260	ND		0.066	0.027
Aroclor-1262	ND		0.066	0.027
Aroclor-1268	ND		0.066	0.027
PCBs	ND		0.066	0.027

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-058
Client ID: II-30_(0-2
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/10/2012
Data file: R1408.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.33g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 33.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.564	0.226
Aroclor-1221	ND		0.564	0.226
Aroclor-1232	ND		0.564	0.226
Aroclor-1242	ND		0.564	0.226
Aroclor-1248	90.5		0.564	0.226
Aroclor-1254	ND		0.564	0.226
Aroclor-1260	ND		0.564	0.226
Aroclor-1262	ND		0.564	0.226
Aroclor-1268	ND		0.564	0.226
PCBs	90.5		0.564	0.226

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INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-059
Client ID: II-30_(2.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/12/2012
Data file: R1489.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.65g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 26.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.482	0.193
Aroclor-1221	ND		0.482	0.193
Aroclor-1232	ND		0.482	0.193
Aroclor-1242	ND		0.482	0.193
Aroclor-1248	22.6		0.482	0.193
Aroclor-1254	ND		0.482	0.193
Aroclor-1260	ND		0.482	0.193
Aroclor-1262	ND		0.482	0.193
Aroclor-1268	ND		0.482	0.193
PCBs	22.6		0.482	0.193

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-060
Client ID: II-30_(4.0
Date Received: 07/02/2012
Date Extracted: 07/05/2012
Date Analyzed: 07/10/2012
Data file: R1410.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.82g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 21.0

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	0.375		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	0.375		0.043	0.017

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06583-061
Client ID: FB-4
Date Received: 07/02/2012
Date Extracted: 07/06/2012
Date Analyzed: 07/10/2012
Data file: Y6448.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: 07/09/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS120705-03	SOIL	110		84		99		75	
GG-34_(0-2	06583-001	SOIL	150		104		128		102	
GG-34_(4.0	06583-003	SOIL	107		115		95		103	
HH-34_(0-2	06583-004	SOIL	D		D		D		D	
HH-34_(2.0	06583-005	SOIL	D		D		D		D	
HH-34_(4.0	06583-006	SOIL	153		129		154		116	
II-33_(0-2	06583-007	SOIL	D		D		D		D	
II-33_(4.0	06583-009	SOIL	98		87		102		100	
HH-33_(4.0	06583-012	SOIL	107		99		94		84	
GG-33_(0-2	06583-013	SOIL	D		D		D		D	
GG-33_(4.0	06583-015	SOIL	129		144		116		120	
GG-32_(0-2	06583-016	SOIL	143		79		141		104	
GG-32_(4.0	06583-018	SOIL	108		109		96		91	
HH-32_(0-2	06583-019	SOIL	D		D		D		D	
HH-32_(2.0	06583-020	SOIL	151		114		134		105	
PCB	06583-020MS	SOIL	131		105		131		95	
PCB	06583-020MSD	SOIL	148		103		139		89	
PCB	LCSS120705-03	SOIL	119		99		105		86	
GG-34_(2.0	06583-002	SOIL	75		108		94		98	
II-33_(2.0	06583-008	SOIL	144		124		140		126	
GG-33_(2.0	06583-014	SOIL	109		120		100		96	
GG-32_(2.0	06583-017	SOIL	128		117		131		107	
HH-33_(0-2	06583-010	SOIL	118		97		111		103	
HH-33_(2.0	06583-011	SOIL	107		137		108		117	

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: 07/10/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS120705-04	SOIL	109		104		98		88	
II-32_(0-2	06583-022	SOIL	D		D		D		D	
II-32_(4.0	06583-024	SOIL	140		152		135		132	
JJ-32_(4.0	06583-027	SOIL	125		138		108		112	
KK-31_(0-2	06583-028	SOIL	D		D		D		D	
KK-31_(4.0	06583-030	SOIL	117		91		108		110	
JJ-31_(0-2	06583-031	SOIL	D		D		D		D	
JJ-31_(4.0	06583-033	SOIL	125		145		110		117	
II-31_(0-2	06583-034	SOIL	D		D		D		D	
HH-31_(0-2	06583-037	SOIL	D		D		D		D	
HH-31_(4.0	06583-039	SOIL	128		148		114		121	
GG-31_(0-2	06583-040	SOIL	D		D		D		D	
PCB	06538-040MS	SOIL	D		D		D		D	
PCB	06538-040MSD	SOIL	D		D		D		D	
PCB	LCSS120705-04	SOIL	124		135		108		98	
HH-32_(4.0	06583-021	SOIL	124		124		113		104	
II-32_(2.0	06583-023	SOIL	140		98		127		108	
JJ-32_(0-2	06583-025	SOIL	144		148		142		138	
KK-31_(2.0	06583-029	SOIL	104		151		119		130	
JJ-31_(2.0	06583-032	SOIL	D		D		D		D	
II-31_(2.0	06583-035	SOIL	102		90		99		80	
II-31_(4.0	06583-036	SOIL	117		122		107		108	
HH-31_(2.0	06583-038	SOIL	114		125		109		121	
JJ-32_(2.0	06583-026	SOIL	89		107		103		100	

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: 07/10/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS120705-05	SOIL	131		132		115		114	
GG-31_(2.0	06583-041	SOIL	D		D		D		D	
GG-31_(4.0	06583-042	SOIL	136		149		127		117	
FF-31_(0-2	06583-043	SOIL	D		D		D		D	
EE-30_(4.0	06583-048	SOIL	117		113		115		102	
FF-30_(0-2	06583-049	SOIL	D		D		D		D	
FF-30_(4.0	06583-051	SOIL	135		137		124		117	
GG-30_(0-2	06583-052	SOIL	D		D		D		D	
GG-30_(4.0	06583-054	SOIL	143		132		130		114	
HH-30_(0-2	06583-055	SOIL	D		D		D		D	
II-30_(0-2	06583-058	SOIL	137		143		154		145	
II-30_(4.0	06583-060	SOIL	137		152		123		122	
PCB	06583-060MS	SOIL	136		127		126		111	
PCB	06583-060MSD	SOIL	136		133		123		125	
PCB	LCSS120705-05	SOIL	133		136		119		113	
FF-31_(2.0	06583-044	SOIL	151		129		153		132	
FF-31_(4.0	06583-045	SOIL	88		150		102		102	
EE-30_(0-2	06583-046	SOIL	D		D		D		D	
EE-30_(2.0	06583-047	SOIL	90		127		82		90	
FF-30_(2.0	06583-050	SOIL	121		119		115		109	
HH-30_(2.0	06583-056	SOIL	96		95		101		88	
HH-30_(4.0	06583-057	SOIL	133		124		124		107	
II-30_(2.0	06583-059	SOIL	157		114		157		119	
GG-30_(2.0	06583-053	SOIL	104		82		137		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

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 07/10/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKA120706-02	AQUEOUS	100		65		111		84	
062912-C	06534-001	AQUEOUS	45		59		65		74	
MW-12	06552-017	AQUEOUS	54		49		66		68	
FB	06552-019	AQUEOUS	71		59		81		81	
SAMPLE_10	06212-010	AQUEOUS	58		53		72		71	
SAMPLE_14	06212-014	AQUEOUS	65		67		77		77	
SAMPLE_15	06212-015	AQUEOUS	62		69		79		82	
SAMPLE_18	06212-018	AQUEOUS	60		70		72		89	
TW-18/12.5	06607-007	AQUEOUS	56		70		67		76	
TW-19/7	06607-008	AQUEOUS	129		132		143		154	
FB-4	06583-061	AQUEOUS	65		70		72		76	
MW-1/12.25	06657-001	AQUEOUS	50		54		63		69	
MW-2/11.69	06657-002	AQUEOUS	50		46		58		59	
MW-3/12.94	06657-003	AQUEOUS	52		47		60		66	
FIELD_BLAN	06657-004	AQUEOUS	67		66		76		77	
I4-070212-	06658-005	AQUEOUS	79		73		83		96	
PLA-V12-18	06677-001	AQUEOUS	48		59		65		76	
FB-5	06634-061	AQUEOUS	70		67		79		75	
FB-6	06684-048	AQUEOUS	77		59		84		83	
PCB	06534-001MS	AQUEOUS	55		77		73		90	
PCB	06534-001MSD	AQUEOUS	57		76		76		90	
PCB	LCSA120706-02	AQUEOUS	98		78		105		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

SOIL PCB BLANK SPIKE RECOVERY

Matrix spike Lab sample ID: LCSS120705-03

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	477.9	96	70 - 130
Aroclor-1260	500.0	0.0	538.7	108	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: LCSS120705-04

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	461.5	92	70 - 130
Aroclor-1260	500.0	0.0	554.6	111	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: LCSS120705-05

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	489.1	98	70 - 130
Aroclor-1260	500.0	0.0	545.4	109	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 BLANK SPIKE RECOVERY

Matrix spike Lab sample ID: LCSA120706-02

Compound	SPIKE ADDED (ug/L)	SAMPLE CONC. (ug/L)	MS CONC. (ug/L)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	473.9	95	70 - 130
Aroclor-1260	500.0	0.0	523.3	105	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 MATRIX SPIKE/SPIKE DUPLICATE RECOVERY

Matrix spike Lab sample ID: 06583-020MSD

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	NC	NC	NC	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	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: __2___ out of __2__ outside limits

Spike Recovery: __4___ out of __4__ outside limits

SOIL PCB MATRIX SPIKE/SPIKE DUPLICATE RECOVERY

Matrix spike Lab sample ID: 06538-040MSD

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	NC	NC	NC	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	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: __2___ out of __2__ outside limits

Spike Recovery: __4___ out of __4__ outside limits

SOIL PCB MATRIX SPIKE/SPIKE DUPLICATE RECOVERY

Matrix spike Lab sample ID: 06583-060MSD

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	479.2	96	40 - 140
Aroclor-1260	500.0	0.0	533.0	107	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	MSD % # REC	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	437.9	88	9	50	40 - 140
Aroclor-1260	0.0	543.2	109	2	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

AQUEOUS PCB MATRIX SPIKE/SPIKE DUPLICATE RECOVERY

Matrix spike Lab sample ID: 06534-001MSD

Compound	SPIKE ADDED (ug/L)	SAMPLE CONC. (ug/L)	MS CONC. (ug/L)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	409.4	82	40 - 140
Aroclor-1260	500.0	0.0	478.1	96	40 - 140

Compound	SAMPLE CONC. (ug/L)	MSD CONC. (ug/L)	MSD % # REC	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	375.1	75	9	50	40 - 140
Aroclor-1260	0.0	457.2	91	5	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: R1338.D

Instrument ID: GC-R

Date Extracted: 07/05/2012

Matrix: SOIL

Date Analyzed: 07/09/2012

Time Analyzed: 19:15

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

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
GG-34_(0-2	06583-001	07/09/2012	19:32
GG-34_(4.0	06583-003	07/09/2012	20:07
HH-34_(0-2	06583-004	07/09/2012	20:24
HH-34_(2.0	06583-005	07/09/2012	20:41
HH-34_(4.0	06583-006	07/09/2012	20:59
II-33_(0-2	06583-007	07/09/2012	21:16
II-33_(4.0	06583-009	07/09/2012	21:51
HH-33_(4.0	06583-012	07/09/2012	22:43
GG-33_(0-2	06583-013	07/09/2012	23:00
GG-33_(4.0	06583-015	07/09/2012	23:35
GG-32_(0-2	06583-016	07/09/2012	23:52
GG-32_(4.0	06583-018	07/10/2012	00:27
HH-32_(0-2	06583-019	07/10/2012	00:44
HH-32_(2.0	06583-020	07/10/2012	01:01
PCB	06583-020MS	07/10/2012	01:18
PCB	06583-020MSD	07/10/2012	01:36
PCB	LCSS120705-03	07/10/2012	01:53
GG-34_(2.0	06583-002	07/10/2012	19:42
II-33_(2.0	06583-008	07/10/2012	20:00
GG-33_(2.0	06583-014	07/10/2012	20:52
GG-32_(2.0	06583-017	07/10/2012	21:09
HH-33_(0-2	06583-010	07/11/2012	09:56
HH-33_(2.0	06583-011	07/11/2012	10:14

PCB METHOD BLANK SUMMARY

Lab File ID: R1364.D

Instrument ID: GC-R

Date Extracted: 07/05/2012

Matrix: SOIL

Date Analyzed: 07/10/2012

Time Analyzed: 03:37

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

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
II-32_(0-2	06583-022	07/10/2012	04:12
II-32_(4.0	06583-024	07/10/2012	04:46
JJ-32_(4.0	06583-027	07/10/2012	05:39
KK-31_(0-2	06583-028	07/10/2012	05:56
KK-31_(4.0	06583-030	07/10/2012	06:31
JJ-31_(0-2	06583-031	07/10/2012	06:48
JJ-31_(4.0	06583-033	07/10/2012	07:23
II-31_(0-2	06583-034	07/10/2012	07:41
HH-31_(0-2	06583-037	07/10/2012	08:33
HH-31_(4.0	06583-039	07/10/2012	09:08
GG-31_(0-2	06583-040	07/10/2012	09:26
PCB	06538-040MS	07/10/2012	09:43
PCB	06538-040MSD	07/10/2012	10:01
PCB	LCSS120705-04	07/10/2012	10:18
HH-32_(4.0	06583-021	07/10/2012	21:44
II-32_(2.0	06583-023	07/10/2012	22:01
JJ-32_(0-2	06583-025	07/10/2012	22:19
KK-31_(2.0	06583-029	07/10/2012	22:53
JJ-31_(2.0	06583-032	07/10/2012	23:11
II-31_(2.0	06583-035	07/10/2012	23:28
II-31_(4.0	06583-036	07/10/2012	23:45
HH-31_(2.0	06583-038	07/11/2012	00:02
JJ-32_(2.0	06583-026	07/11/2012	10:31

PCB METHOD BLANK SUMMARY

Lab File ID: R1390.D

Instrument ID: GC-R

Date Extracted: 07/05/2012

Matrix: SOIL

Date Analyzed: 07/10/2012

Time Analyzed: 11:57

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

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
GG-31_(2.0	06583-041	07/10/2012	12:14
GG-31_(4.0	06583-042	07/10/2012	12:32
FF-31_(0-2	06583-043	07/10/2012	12:49
EE-30_(4.0	06583-048	07/10/2012	14:16
FF-30_(0-2	06583-049	07/10/2012	14:34
FF-30_(4.0	06583-051	07/10/2012	15:09
GG-30_(0-2	06583-052	07/10/2012	15:26
GG-30_(4.0	06583-054	07/10/2012	16:01
HH-30_(0-2	06583-055	07/10/2012	16:18
II-30_(0-2	06583-058	07/10/2012	17:11
II-30_(4.0	06583-060	07/10/2012	17:45
PCB	06583-060MS	07/10/2012	18:33
PCB	06583-060MSD	07/10/2012	18:50
PCB	LCSS120705-05	07/10/2012	19:08
FF-31_(2.0	06583-044	07/11/2012	23:54
FF-31_(4.0	06583-045	07/12/2012	00:11
EE-30_(0-2	06583-046	07/12/2012	00:29
EE-30_(2.0	06583-047	07/12/2012	00:46
FF-30_(2.0	06583-050	07/12/2012	01:03
HH-30_(2.0	06583-056	07/12/2012	01:38
HH-30_(4.0	06583-057	07/12/2012	01:55
II-30_(2.0	06583-059	07/12/2012	02:12
GG-30_(2.0	06583-053	07/13/2012	03:05

PCB METHOD BLANK SUMMARY

Lab File ID: Y6437.D

Instrument ID: GC-Y

Date Extracted: 07/06/2012

Matrix: AQUEOUS

Date Analyzed: 07/10/2012

Time Analyzed: 02:39

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

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
062912-C	06534-001	07/10/2012	03:13
MW-12	06552-017	07/10/2012	03:30
FB	06552-019	07/10/2012	03:48
SAMPLE_10	06212-010	07/10/2012	04:05
SAMPLE_14	06212-014	07/10/2012	04:22
SAMPLE_15	06212-015	07/10/2012	04:39
SAMPLE_18	06212-018	07/10/2012	04:56
TW-18/12.5	06607-007	07/10/2012	05:13
TW-19/7	06607-008	07/10/2012	05:30
FB-4	06583-061	07/10/2012	05:48
MW-1/12.25	06657-001	07/10/2012	06:05
MW-2/11.69	06657-002	07/10/2012	06:22
MW-3/12.94	06657-003	07/10/2012	06:39
FIELD_BLAN	06657-004	07/10/2012	06:56
I4-070212-	06658-005	07/10/2012	07:14
PLA-V12-18	06677-001	07/10/2012	07:31
FB-5	06634-061	07/10/2012	07:48
FB-6	06684-048	07/10/2012	08:05
PCB	06534-001MS	07/10/2012	08:22
PCB	06534-001MSD	07/10/2012	08:40
PCB	LCSA120706-02	07/10/2012	08:57

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: 07/09/2012

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 WINDOW 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 WINDOW 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				

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/09/2012 **Instrument ID:** GC-R

Data File: R1337.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.93	3.87	4.01	3196123	3207343	0.35
Aroclor-1016 {2}	4.82	4.75	4.89	3576012	3641412	1.83
Aroclor-1016 {3}	5.39	5.34	5.48	5678468	5467665	3.71
Aroclor-1016 {4}	5.92	5.86	6.00	2700613	2636715	2.37
Aroclor-1016 {5}	6.33	6.27	6.41	4631478	4727113	2.06
Aroclor-1260	9.15	8.27	10.07	12057768	13010479	7.90
Aroclor-1260 {2}	9.84	8.95	10.75	7074717	6799683	3.89
Aroclor-1260 {3}	10.31	9.42	11.22	20823935	22050049	5.89
Aroclor-1260 {4}	10.80	9.91	11.71	8810723	9558355	8.49
Aroclor-1260 {5}	11.87	10.97	12.77	4109987	4175850	1.60
					Average %D	3.81

Data File: R1337.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	1727351	0.14
Aroclor-1016 {2}	5.13	5.05	5.19	3409879	3321671	2.59
Aroclor-1016 {3}	5.91	5.83	5.97	7334139	7271735	0.85
Aroclor-1016 {4}	6.13	6.05	6.19	2556946	2694990	5.40
Aroclor-1016 {5}	6.31	6.24	6.38	2512524	2469419	1.72
Aroclor-1260	8.98	8.08	9.88	3582948	3571377	0.32
Aroclor-1260 {2}	9.39	8.49	10.29	4019794	4038632	0.47
Aroclor-1260 {3}	10.60	9.69	11.49	2967039	2858744	3.65
Aroclor-1260 {4}	11.11	10.20	12.00	5845318	6123010	4.75
Aroclor-1260 {5}	11.71	10.80	12.60	4564658	4596265	0.69
					Average %D	2.06

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/10/2012 **Instrument ID:** GC-R

Data File: R1362.D **GC Column (1st):** DB-5

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	3.94	3.87	4.01	3196123	3206453	0.32
Aroclor-1016 {2}	4.83	4.75	4.89	3576012	3472854	2.88
Aroclor-1016 {3}	5.41	5.34	5.48	5678468	5582536	1.69
Aroclor-1016 {4}	5.93	5.86	6.00	2700613	2697655	0.11
Aroclor-1016 {5}	6.34	6.27	6.41	4631478	4689199	1.25
Aroclor-1260	9.17	8.27	10.07	12057768	13611909	12.89
Aroclor-1260 {2}	9.85	8.95	10.75	7074717	7762097	9.72
Aroclor-1260 {3}	10.32	9.42	11.22	20823935	24241438	16.41
Aroclor-1260 {4}	10.81	9.91	11.71	8810723	10070047	14.29
Aroclor-1260 {5}	11.87	10.97	12.77	4109987	4313961	4.96
					Average %D	6.45

Data File: R1362.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	4.49	4.42	4.56	1724941	1667052	3.36
Aroclor-1016 {2}	5.12	5.05	5.19	3409879	3230696	5.25
Aroclor-1016 {3}	5.90	5.83	5.97	7334139	7082624	3.43
Aroclor-1016 {4}	6.12	6.05	6.19	2556946	2613062	2.19
Aroclor-1016 {5}	6.30	6.24	6.38	2512524	2414321	3.91
Aroclor-1260	8.97	8.08	9.88	3582948	3718093	3.77
Aroclor-1260 {2}	9.38	8.49	10.29	4019794	4182381	4.04
Aroclor-1260 {3}	10.59	9.69	11.49	2967039	3190085	7.52
Aroclor-1260 {4}	11.10	10.20	12.00	5845318	6847990	17.15
Aroclor-1260 {5}	11.70	10.80	12.60	4564658	4952485	8.50
					Average %D	5.91

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/10/2012 **Instrument ID:** GC-R

Data File: R1414.D **GC Column (1st):** DB-5

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	3.94	3.87	4.01	3196123	3309621	3.55
Aroclor-1016 {2}	4.83	4.75	4.89	3576012	3362759	5.96
Aroclor-1016 {3}	5.41	5.34	5.48	5678468	5415390	4.63
Aroclor-1016 {4}	5.93	5.86	6.00	2700613	2879083	6.61
Aroclor-1016 {5}	6.34	6.27	6.41	4631478	4684816	1.15
Aroclor-1260	9.16	8.27	10.07	12057768	13530272	12.21
Aroclor-1260 {2}	9.85	8.95	10.75	7074717	7519846	6.29
Aroclor-1260 {3}	10.32	9.42	11.22	20823935	22888478	9.91
Aroclor-1260 {4}	10.81	9.91	11.71	8810723	9849386	11.79
Aroclor-1260 {5}	11.87	10.97	12.77	4109987	3829081	6.83
					Average %D	6.89

Data File: R1414.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	4.49	4.42	4.56	1724941	1521441	11.80
Aroclor-1016 {2}	5.12	5.05	5.19	3409879	2914419	14.53
Aroclor-1016 {3}	5.90	5.83	5.97	7334139	6412376	12.57
Aroclor-1016 {4}	6.12	6.05	6.19	2556946	2234606	12.61
Aroclor-1016 {5}	6.30	6.24	6.38	2512524	2203387	12.30
Aroclor-1260	8.97	8.08	9.88	3582948	3430105	4.27
Aroclor-1260 {2}	9.38	8.49	10.29	4019794	3688935	8.23
Aroclor-1260 {3}	10.59	9.69	11.49	2967039	2863661	3.48
Aroclor-1260 {4}	11.10	10.20	12.00	5845318	5927898	1.41
Aroclor-1260 {5}	11.70	10.80	12.60	4564658	4793364	5.01
					Average %D	8.62

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/10/2012 **Instrument ID:** GC-R

Data File: R1421.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	3230490	1.08
Aroclor-1016 {2}	4.83	4.75	4.89	3576012	3445820	3.64
Aroclor-1016 {3}	5.41	5.34	5.48	5678468	5262767	7.32
Aroclor-1016 {4}	5.93	5.86	6.00	2700613	2756777	2.08
Aroclor-1016 {5}	6.34	6.27	6.41	4631478	4591729	0.86
Aroclor-1260	9.16	8.27	10.07	12057768	13717589	13.77
Aroclor-1260 {2}	9.85	8.95	10.75	7074717	7512233	6.18
Aroclor-1260 {3}	10.32	9.42	11.22	20823935	21690611	4.16
Aroclor-1260 {4}	10.81	9.91	11.71	8810723	10136506	15.05
Aroclor-1260 {5}	11.87	10.97	12.77	4109987	3863518	6.00
					Average %D	6.01

Data File: R1421.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	1498363	13.14
Aroclor-1016 {2}	5.12	5.05	5.19	3409879	2844062	16.59
Aroclor-1016 {3}	5.90	5.83	5.97	7334139	6271148	14.49
Aroclor-1016 {4}	6.12	6.05	6.19	2556946	2202710	13.85
Aroclor-1016 {5}	6.30	6.24	6.38	2512524	2165210	13.82
Aroclor-1260	8.97	8.08	9.88	3582948	3370454	5.93
Aroclor-1260 {2}	9.38	8.49	10.29	4019794	3612893	10.12
Aroclor-1260 {3}	10.59	9.69	11.49	2967039	2885395	2.75
Aroclor-1260 {4}	11.10	10.20	12.00	5845318	6349549	8.63
Aroclor-1260 {5}	11.70	10.80	12.60	4564658	4699447	2.95
					Average %D	10.23

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/11/2012 **Instrument ID:** GC-R

Data File: R1458.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.93	3.87	4.01	3196123	3014979	5.67
Aroclor-1016 {2}	4.81	4.75	4.89	3576012	3421311	4.33
Aroclor-1016 {3}	5.40	5.34	5.48	5678468	5094947	10.28
Aroclor-1016 {4}	5.92	5.86	6.00	2700613	2606620	3.48
Aroclor-1016 {5}	6.33	6.27	6.41	4631478	4647771	0.35
Aroclor-1260	9.16	8.27	10.07	12057768	13489461	11.87
Aroclor-1260 {2}	9.84	8.95	10.75	7074717	7111254	0.52
Aroclor-1260 {3}	10.31	9.42	11.22	20823935	24129935	15.88
Aroclor-1260 {4}	10.80	9.91	11.71	8810723	9720658	10.33
Aroclor-1260 {5}	11.87	10.97	12.77	4109987	4460175	8.52
					Average %D	7.12

Data File: R1458.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	1519229	11.93
Aroclor-1016 {2}	5.12	5.05	5.19	3409879	2892247	15.18
Aroclor-1016 {3}	5.91	5.83	5.97	7334139	6391744	12.85
Aroclor-1016 {4}	6.12	6.05	6.19	2556946	2215286	13.36
Aroclor-1016 {5}	6.31	6.24	6.38	2512524	2207244	12.15
Aroclor-1260	8.98	8.08	9.88	3582948	3556677	0.73
Aroclor-1260 {2}	9.39	8.49	10.29	4019794	3793424	5.63
Aroclor-1260 {3}	10.59	9.69	11.49	2967039	3145594	6.02
Aroclor-1260 {4}	11.10	10.20	12.00	5845318	6392840	9.37
Aroclor-1260 {5}	11.70	10.80	12.60	4564658	4739344	3.83
					Average %D	9.10

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/11/2012 **Instrument ID:** GC-R

Data File: R1462.D **GC Column (1st):** DB-5

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	3.93	3.87	4.01	3196123	3123811	2.26
Aroclor-1016 {2}	4.81	4.75	4.89	3576012	3680105	2.91
Aroclor-1016 {3}	5.39	5.34	5.48	5678468	5469040	3.69
Aroclor-1016 {4}	5.92	5.86	6.00	2700613	2492270	7.71
Aroclor-1016 {5}	6.33	6.27	6.41	4631478	4579575	1.12
Aroclor-1260	9.16	8.27	10.07	12057768	12571272	4.26
Aroclor-1260 {2}	9.84	8.95	10.75	7074717	6818204	3.63
Aroclor-1260 {3}	10.31	9.42	11.22	20823935	20671154	0.73
Aroclor-1260 {4}	10.80	9.91	11.71	8810723	8837007	0.30
Aroclor-1260 {5}	11.86	10.97	12.77	4109987	4097424	0.31
					Average %D	2.69

Data File: R1462.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	4.49	4.42	4.56	1724941	1474831	14.50
Aroclor-1016 {2}	5.12	5.05	5.19	3409879	2857174	16.21
Aroclor-1016 {3}	5.91	5.83	5.97	7334139	6274985	14.44
Aroclor-1016 {4}	6.12	6.05	6.19	2556946	2708812	5.94
Aroclor-1016 {5}	6.31	6.24	6.38	2512524	2285597	9.03
Aroclor-1260	8.98	8.08	9.88	3582948	3088558	13.80
Aroclor-1260 {2}	9.38	8.49	10.29	4019794	3436747	14.50
Aroclor-1260 {3}	10.59	9.69	11.49	2967039	2715061	8.49
Aroclor-1260 {4}	11.10	10.20	12.00	5845318	6010711	2.83
Aroclor-1260 {5}	11.70	10.80	12.60	4564658	4387748	3.88
					Average %D	10.36

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/10/2012 **Instrument ID:** GC-R

Data File: R1363.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	3506180	9.70
Aroclor-1016 {2}	4.83	4.75	4.89	3576012	3389361	5.22
Aroclor-1016 {3}	5.41	5.34	5.48	5678468	5829024	2.65
Aroclor-1016 {4}	5.93	5.86	6.00	2700613	2929317	8.47
Aroclor-1016 {5}	6.34	6.27	6.41	4631478	4952465	6.93
Aroclor-1260	9.17	8.27	10.07	12057768	13793108	14.39
Aroclor-1260 {2}	9.85	8.95	10.75	7074717	7989784	12.93
Aroclor-1260 {3}	10.32	9.42	11.22	20823935	24311759	16.75
Aroclor-1260 {4}	10.81	9.91	11.71	8810723	9726805	10.40
Aroclor-1260 {5}	11.87	10.97	12.77	4109987	4576250	11.34
					Average %D	9.88

Data File: R1363.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	1716952	0.46
Aroclor-1016 {2}	5.12	5.05	5.19	3409879	3297888	3.28
Aroclor-1016 {3}	5.90	5.83	5.97	7334139	7223564	1.51
Aroclor-1016 {4}	6.12	6.05	6.19	2556946	2607839	1.99
Aroclor-1016 {5}	6.30	6.24	6.38	2512524	2481273	1.24
Aroclor-1260	8.98	8.08	9.88	3582948	3768808	5.19
Aroclor-1260 {2}	9.38	8.49	10.29	4019794	4176426	3.90
Aroclor-1260 {3}	10.59	9.69	11.49	2967039	3259350	9.85
Aroclor-1260 {4}	11.10	10.20	12.00	5845318	6676984	14.23
Aroclor-1260 {5}	11.70	10.80	12.60	4564658	5003105	9.61
					Average %D	5.13

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/10/2012 **Instrument ID:** GC-R

Data File: R1388.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.93	3.87	4.01	3196123	3071549	3.90
Aroclor-1016 {2}	4.81	4.75	4.89	3576012	3160031	11.63
Aroclor-1016 {3}	5.39	5.34	5.48	5678468	5368280	5.46
Aroclor-1016 {4}	5.92	5.86	6.00	2700613	2649671	1.89
Aroclor-1016 {5}	6.33	6.27	6.41	4631478	4564793	1.44
Aroclor-1260	9.16	8.27	10.07	12057768	13535916	12.26
Aroclor-1260 {2}	9.84	8.95	10.75	7074717	7394481	4.52
Aroclor-1260 {3}	10.32	9.42	11.22	20823935	24636635	18.31
Aroclor-1260 {4}	10.81	9.91	11.71	8810723	9844562	11.73
Aroclor-1260 {5}	11.87	10.97	12.77	4109987	4463331	8.60
					Average %D	7.97

Data File: R1388.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	1551556	10.05
Aroclor-1016 {2}	5.13	5.05	5.19	3409879	2969471	12.92
Aroclor-1016 {3}	5.91	5.83	5.97	7334139	6572108	10.39
Aroclor-1016 {4}	6.13	6.05	6.19	2556946	2351373	8.04
Aroclor-1016 {5}	6.31	6.24	6.38	2512524	2247853	10.53
Aroclor-1260	8.98	8.08	9.88	3582948	3512471	1.97
Aroclor-1260 {2}	9.39	8.49	10.29	4019794	3893154	3.15
Aroclor-1260 {3}	10.60	9.69	11.49	2967039	3057889	3.06
Aroclor-1260 {4}	11.10	10.20	12.00	5845318	6207050	6.19
Aroclor-1260 {5}	11.71	10.80	12.60	4564658	4727617	3.57
					Average %D	6.99

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/10/2012 **Instrument ID:** GC-R

Data File: R1421.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	3230490	1.08
Aroclor-1016 {2}	4.83	4.75	4.89	3576012	3445820	3.64
Aroclor-1016 {3}	5.41	5.34	5.48	5678468	5262767	7.32
Aroclor-1016 {4}	5.93	5.86	6.00	2700613	2756777	2.08
Aroclor-1016 {5}	6.34	6.27	6.41	4631478	4591729	0.86
Aroclor-1260	9.16	8.27	10.07	12057768	13717589	13.77
Aroclor-1260 {2}	9.85	8.95	10.75	7074717	7512233	6.18
Aroclor-1260 {3}	10.32	9.42	11.22	20823935	21690611	4.16
Aroclor-1260 {4}	10.81	9.91	11.71	8810723	10136506	15.05
Aroclor-1260 {5}	11.87	10.97	12.77	4109987	3863518	6.00
					Average %D	6.01

Data File: R1421.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	1498363	13.14
Aroclor-1016 {2}	5.12	5.05	5.19	3409879	2844062	16.59
Aroclor-1016 {3}	5.90	5.83	5.97	7334139	6271148	14.49
Aroclor-1016 {4}	6.12	6.05	6.19	2556946	2202710	13.85
Aroclor-1016 {5}	6.30	6.24	6.38	2512524	2165210	13.82
Aroclor-1260	8.97	8.08	9.88	3582948	3370454	5.93
Aroclor-1260 {2}	9.38	8.49	10.29	4019794	3612893	10.12
Aroclor-1260 {3}	10.59	9.69	11.49	2967039	2885395	2.75
Aroclor-1260 {4}	11.10	10.20	12.00	5845318	6349549	8.63
Aroclor-1260 {5}	11.70	10.80	12.60	4564658	4699447	2.95
					Average %D	10.23

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/11/2012 **Instrument ID:** GC-R

Data File: R1431.D **GC Column (1st):** DB-5

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	3.94	3.87	4.01	3196123	3155365	1.28
Aroclor-1016 {2}	4.83	4.75	4.89	3576012	3209830	10.24
Aroclor-1016 {3}	5.41	5.34	5.48	5678468	5210477	8.24
Aroclor-1016 {4}	5.93	5.86	6.00	2700613	2796570	3.55
Aroclor-1016 {5}	6.34	6.27	6.41	4631478	4599806	0.68
Aroclor-1260	9.17	8.27	10.07	12057768	13240211	9.81
Aroclor-1260 {2}	9.85	8.95	10.75	7074717	6815850	3.66
Aroclor-1260 {3}	10.32	9.42	11.22	20823935	23810960	14.34
Aroclor-1260 {4}	10.81	9.91	11.71	8810723	9589281	8.84
Aroclor-1260 {5}	11.87	10.97	12.77	4109987	3627711	11.73
					Average %D	7.24

Data File: R1431.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	4.49	4.42	4.56	1724941	1513095	12.28
Aroclor-1016 {2}	5.12	5.05	5.19	3409879	2863690	16.02
Aroclor-1016 {3}	5.90	5.83	5.97	7334139	6326174	13.74
Aroclor-1016 {4}	6.12	6.05	6.19	2556946	2219219	13.21
Aroclor-1016 {5}	6.30	6.24	6.38	2512524	2202571	12.34
Aroclor-1260	8.97	8.08	9.88	3582948	3570291	0.35
Aroclor-1260 {2}	9.38	8.49	10.29	4019794	3843046	4.40
Aroclor-1260 {3}	10.59	9.69	11.49	2967039	3122198	5.23
Aroclor-1260 {4}	11.10	10.20	12.00	5845318	6342844	8.51
Aroclor-1260 {5}	11.70	10.80	12.60	4564658	5051046	10.66
					Average %D	9.67

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/11/2012 **Instrument ID:** GC-R

Data File: R1458.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.93	3.87	4.01	3196123	3014979	5.67
Aroclor-1016 {2}	4.81	4.75	4.89	3576012	3421311	4.33
Aroclor-1016 {3}	5.40	5.34	5.48	5678468	5094947	10.28
Aroclor-1016 {4}	5.92	5.86	6.00	2700613	2606620	3.48
Aroclor-1016 {5}	6.33	6.27	6.41	4631478	4647771	0.35
Aroclor-1260	9.16	8.27	10.07	12057768	13489461	11.87
Aroclor-1260 {2}	9.84	8.95	10.75	7074717	7111254	0.52
Aroclor-1260 {3}	10.31	9.42	11.22	20823935	24129935	15.88
Aroclor-1260 {4}	10.80	9.91	11.71	8810723	9720658	10.33
Aroclor-1260 {5}	11.87	10.97	12.77	4109987	4460175	8.52
					Average %D	7.12

Data File: R1458.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	1519229	11.93
Aroclor-1016 {2}	5.12	5.05	5.19	3409879	2892247	15.18
Aroclor-1016 {3}	5.91	5.83	5.97	7334139	6391744	12.85
Aroclor-1016 {4}	6.12	6.05	6.19	2556946	2215286	13.36
Aroclor-1016 {5}	6.31	6.24	6.38	2512524	2207244	12.15
Aroclor-1260	8.98	8.08	9.88	3582948	3556677	0.73
Aroclor-1260 {2}	9.39	8.49	10.29	4019794	3793424	5.63
Aroclor-1260 {3}	10.59	9.69	11.49	2967039	3145594	6.02
Aroclor-1260 {4}	11.10	10.20	12.00	5845318	6392840	9.37
Aroclor-1260 {5}	11.70	10.80	12.60	4564658	4739344	3.83
					Average %D	9.10

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/11/2012 **Instrument ID:** GC-R

Data File: R1462.D **GC Column (1st):** DB-5

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	3.93	3.87	4.01	3196123	3123811	2.26
Aroclor-1016 {2}	4.81	4.75	4.89	3576012	3680105	2.91
Aroclor-1016 {3}	5.39	5.34	5.48	5678468	5469040	3.69
Aroclor-1016 {4}	5.92	5.86	6.00	2700613	2492270	7.71
Aroclor-1016 {5}	6.33	6.27	6.41	4631478	4579575	1.12
Aroclor-1260	9.16	8.27	10.07	12057768	12571272	4.26
Aroclor-1260 {2}	9.84	8.95	10.75	7074717	6818204	3.63
Aroclor-1260 {3}	10.31	9.42	11.22	20823935	20671154	0.73
Aroclor-1260 {4}	10.80	9.91	11.71	8810723	8837007	0.30
Aroclor-1260 {5}	11.86	10.97	12.77	4109987	4097424	0.31
					Average %D	2.69

Data File: R1462.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	4.49	4.42	4.56	1724941	1474831	14.50
Aroclor-1016 {2}	5.12	5.05	5.19	3409879	2857174	16.21
Aroclor-1016 {3}	5.91	5.83	5.97	7334139	6274985	14.44
Aroclor-1016 {4}	6.12	6.05	6.19	2556946	2708812	5.94
Aroclor-1016 {5}	6.31	6.24	6.38	2512524	2285597	9.03
Aroclor-1260	8.98	8.08	9.88	3582948	3088558	13.80
Aroclor-1260 {2}	9.38	8.49	10.29	4019794	3436747	14.50
Aroclor-1260 {3}	10.59	9.69	11.49	2967039	2715061	8.49
Aroclor-1260 {4}	11.10	10.20	12.00	5845318	6010711	2.83
Aroclor-1260 {5}	11.70	10.80	12.60	4564658	4387748	3.88
					Average %D	10.36

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/10/2012 **Instrument ID:** GC-R

Data File: R1389.D **GC Column (1st):** DB-5

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	3.94	3.87	4.01	3196123	3013810	5.70
Aroclor-1016 {2}	4.82	4.75	4.89	3576012	3485052	2.54
Aroclor-1016 {3}	5.40	5.34	5.48	5678468	5286379	6.90
Aroclor-1016 {4}	5.93	5.86	6.00	2700613	2695629	0.18
Aroclor-1016 {5}	6.34	6.27	6.41	4631478	4598540	0.71
Aroclor-1260	9.16	8.27	10.07	12057768	13579295	12.62
Aroclor-1260 {2}	9.84	8.95	10.75	7074717	7460451	5.45
Aroclor-1260 {3}	10.32	9.42	11.22	20823935	24108006	15.77
Aroclor-1260 {4}	10.81	9.91	11.71	8810723	9915862	12.54
Aroclor-1260 {5}	11.87	10.97	12.77	4109987	4082624	0.67
					Average %D	6.31

Data File: R1389.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	4.49	4.42	4.56	1724941	1474516	14.52
Aroclor-1016 {2}	5.12	5.05	5.19	3409879	2835121	16.86
Aroclor-1016 {3}	5.90	5.83	5.97	7334139	6291421	14.22
Aroclor-1016 {4}	6.12	6.05	6.19	2556946	2247752	12.09
Aroclor-1016 {5}	6.30	6.24	6.38	2512524	2175825	13.40
Aroclor-1260	8.97	8.08	9.88	3582948	3429783	4.27
Aroclor-1260 {2}	9.38	8.49	10.29	4019794	3789133	5.74
Aroclor-1260 {3}	10.59	9.69	11.49	2967039	3001793	1.17
Aroclor-1260 {4}	11.10	10.20	12.00	5845318	6118532	4.67
Aroclor-1260 {5}	11.70	10.80	12.60	4564658	4565167	0.01
					Average %D	8.70

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/10/2012 **Instrument ID:** GC-R

Data File: R1414.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	3309621	3.55
Aroclor-1016 {2}	4.83	4.75	4.89	3576012	3362759	5.96
Aroclor-1016 {3}	5.41	5.34	5.48	5678468	5415390	4.63
Aroclor-1016 {4}	5.93	5.86	6.00	2700613	2879083	6.61
Aroclor-1016 {5}	6.34	6.27	6.41	4631478	4684816	1.15
Aroclor-1260	9.16	8.27	10.07	12057768	13530272	12.21
Aroclor-1260 {2}	9.85	8.95	10.75	7074717	7519846	6.29
Aroclor-1260 {3}	10.32	9.42	11.22	20823935	22888478	9.91
Aroclor-1260 {4}	10.81	9.91	11.71	8810723	9849386	11.79
Aroclor-1260 {5}	11.87	10.97	12.77	4109987	3829081	6.83
					Average %D	6.89

Data File: R1414.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	1521441	11.80
Aroclor-1016 {2}	5.12	5.05	5.19	3409879	2914419	14.53
Aroclor-1016 {3}	5.90	5.83	5.97	7334139	6412376	12.57
Aroclor-1016 {4}	6.12	6.05	6.19	2556946	2234606	12.61
Aroclor-1016 {5}	6.30	6.24	6.38	2512524	2203387	12.30
Aroclor-1260	8.97	8.08	9.88	3582948	3430105	4.27
Aroclor-1260 {2}	9.38	8.49	10.29	4019794	3688935	8.23
Aroclor-1260 {3}	10.59	9.69	11.49	2967039	2863661	3.48
Aroclor-1260 {4}	11.10	10.20	12.00	5845318	5927898	1.41
Aroclor-1260 {5}	11.70	10.80	12.60	4564658	4793364	5.01
					Average %D	8.62

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/11/2012 **Instrument ID:** GC-R

Data File: R1480.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	3605317	12.80
Aroclor-1016 {2}	4.83	4.75	4.89	3576012	3820536	6.84
Aroclor-1016 {3}	5.41	5.34	5.48	5678468	5686135	0.14
Aroclor-1016 {4}	5.93	5.86	6.00	2700613	2939670	8.85
Aroclor-1016 {5}	6.34	6.27	6.41	4631478	5239497	13.13
Aroclor-1260	9.17	8.27	10.07	12057768	13080679	8.48
Aroclor-1260 {2}	9.85	8.95	10.75	7074717	8095471	14.43
Aroclor-1260 {3}	10.32	9.42	11.22	20823935	23883872	14.69
Aroclor-1260 {4}	10.81	9.91	11.71	8810723	10102925	14.67
Aroclor-1260 {5}	11.87	10.97	12.77	4109987	4871308	18.52
					Average %D	11.26

Data File: R1480.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	1591825	7.72
Aroclor-1016 {2}	5.12	5.05	5.19	3409879	2975696	12.73
Aroclor-1016 {3}	5.90	5.83	5.97	7334139	6523267	11.06
Aroclor-1016 {4}	6.12	6.05	6.19	2556946	2226346	12.93
Aroclor-1016 {5}	6.30	6.24	6.38	2512524	2255147	10.24
Aroclor-1260	8.97	8.08	9.88	3582948	3360179	6.22
Aroclor-1260 {2}	9.38	8.49	10.29	4019794	3512410	12.62
Aroclor-1260 {3}	10.59	9.69	11.49	2967039	2848486	4.00
Aroclor-1260 {4}	11.09	10.20	12.00	5845318	5848875	0.06
Aroclor-1260 {5}	11.70	10.80	12.60	4564658	4403058	3.54
					Average %D	8.11

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/12/2012 **Instrument ID:** GC-R

Data File: R1490.D **GC Column (1st):** DB-5

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	3.94	3.87	4.01	3196123	3141900	1.70
Aroclor-1016 {2}	4.83	4.75	4.89	3576012	4168708	16.57
Aroclor-1016 {3}	5.41	5.34	5.48	5678468	5923835	4.32
Aroclor-1016 {4}	5.93	5.86	6.00	2700613	2615010	3.17
Aroclor-1016 {5}	6.34	6.27	6.41	4631478	4814691	3.96
Aroclor-1260	9.16	8.27	10.07	12057768	13971087	15.87
Aroclor-1260 {2}	9.85	8.95	10.75	7074717	6909867	2.33
Aroclor-1260 {3}	10.32	9.42	11.22	20823935	22487065	7.99
Aroclor-1260 {4}	10.81	9.91	11.71	8810723	9975928	13.22
Aroclor-1260 {5}	11.88	10.97	12.77	4109987	4853456	18.09
					Average %D	8.72

Data File: R1490.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	4.48	4.42	4.56	1724941	1665539	3.44
Aroclor-1016 {2}	5.12	5.05	5.19	3409879	3274598	3.97
Aroclor-1016 {3}	5.90	5.83	5.97	7334139	7305828	0.39
Aroclor-1016 {4}	6.12	6.05	6.19	2556946	2786272	8.97
Aroclor-1016 {5}	6.30	6.24	6.38	2512524	2430385	3.27
Aroclor-1260	8.97	8.08	9.88	3582948	3493756	2.49
Aroclor-1260 {2}	9.38	8.49	10.29	4019794	3962266	1.43
Aroclor-1260 {3}	10.59	9.69	11.49	2967039	2845618	4.09
Aroclor-1260 {4}	11.09	10.20	12.00	5845318	5940640	1.63
Aroclor-1260 {5}	11.70	10.80	12.60	4564658	3941801	13.65
					Average %D	4.33

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/12/2012 **Instrument ID:** GC-R

Data File: R1545.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	3219027	0.72
Aroclor-1016 {2}	4.83	4.75	4.89	3576012	3890754	8.80
Aroclor-1016 {3}	5.41	5.34	5.48	5678468	5828848	2.65
Aroclor-1016 {4}	5.93	5.86	6.00	2700613	2666343	1.27
Aroclor-1016 {5}	6.34	6.27	6.41	4631478	4850320	4.73
Aroclor-1260	9.17	8.27	10.07	12057768	12999352	7.81
Aroclor-1260 {2}	9.85	8.95	10.75	7074717	7120635	0.65
Aroclor-1260 {3}	10.32	9.42	11.22	20823935	22884849	9.90
Aroclor-1260 {4}	10.81	9.91	11.71	8810723	9949617	12.93
Aroclor-1260 {5}	11.87	10.97	12.77	4109987	4042673	1.64
					Average %D	5.11

Data File: R1545.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.48	4.42	4.56	1724941	1737124	0.71
Aroclor-1016 {2}	5.12	5.05	5.19	3409879	3360163	1.46
Aroclor-1016 {3}	5.90	5.83	5.97	7334139	7388678	0.74
Aroclor-1016 {4}	6.12	6.05	6.19	2556946	2738577	7.10
Aroclor-1016 {5}	6.30	6.24	6.38	2512524	2484387	1.12
Aroclor-1260	8.97	8.08	9.88	3582948	3587606	0.13
Aroclor-1260 {2}	9.38	8.49	10.29	4019794	3915132	2.60
Aroclor-1260 {3}	10.59	9.69	11.49	2967039	2958551	0.29
Aroclor-1260 {4}	11.09	10.20	12.00	5845318	5934121	1.52
Aroclor-1260 {5}	11.70	10.80	12.60	4564658	4414722	3.28
					Average %D	1.90

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/13/2012 **Instrument ID:** GC-R

Data File: R1558.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	3730541	16.72
Aroclor-1016 {2}	4.83	4.75	4.89	3576012	4214058	17.84
Aroclor-1016 {3}	5.41	5.34	5.48	5678468	6123254	7.83
Aroclor-1016 {4}	5.93	5.86	6.00	2700613	2754547	2.00
Aroclor-1016 {5}	6.34	6.27	6.41	4631478	4727169	2.07
Aroclor-1260	9.17	8.27	10.07	12057768	13230259	9.72
Aroclor-1260 {2}	9.85	8.95	10.75	7074717	6539873	7.56
Aroclor-1260 {3}	10.32	9.42	11.22	20823935	19296011	7.34
Aroclor-1260 {4}	10.81	9.91	11.71	8810723	8735486	0.85
Aroclor-1260 {5}	11.88	10.97	12.77	4109987	3824774	6.94
					Average %D	7.89

Data File: R1558.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.48	4.42	4.56	1724941	1799465	4.32
Aroclor-1016 {2}	5.12	5.05	5.19	3409879	3468685	1.72
Aroclor-1016 {3}	5.90	5.83	5.97	7334139	7428737	1.29
Aroclor-1016 {4}	6.12	6.05	6.19	2556946	2751251	7.60
Aroclor-1016 {5}	6.30	6.24	6.38	2512524	2470364	1.68
Aroclor-1260	8.97	8.08	9.88	3582948	3265613	8.86
Aroclor-1260 {2}	9.38	8.49	10.29	4019794	3608391	10.23
Aroclor-1260 {3}	10.59	9.69	11.49	2967039	2608335	12.09
Aroclor-1260 {4}	11.09	10.20	12.00	5845318	5825547	0.34
Aroclor-1260 {5}	11.70	10.80	12.60	4564658	4142915	9.24
					Average %D	5.74

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/10/2012 **Instrument ID:** GC-Y

Data File: Y6436.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	1512342	15.12
Aroclor-1016 {2}	4.11	4.04	4.18	2371736	2061541	13.08
Aroclor-1016 {3}	4.66	4.58	4.72	3125036	2812077	10.01
Aroclor-1016 {4}	5.17	5.09	5.23	1513071	1613118	6.61
Aroclor-1016 {5}	5.56	5.48	5.62	2595618	2237805	13.79
Aroclor-1260	8.33	7.42	9.22	7136339	6038812	15.38
Aroclor-1260 {2}	9.01	8.10	9.90	3358711	3075213	8.44
Aroclor-1260 {3}	9.48	8.57	10.37	8338627	7312411	12.31
Aroclor-1260 {4}	9.96	9.05	10.85	4218754	3798555	9.96
Aroclor-1260 {5}	11.02	10.11	11.91	1651625	1708923	3.47
					Average %D	10.82

Data File: Y6436.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	551630	1.49
Aroclor-1016 {2}	4.41	4.35	4.49	1150027	1096775	4.63
Aroclor-1016 {3}	5.16	5.10	5.24	2577359	2535689	1.62
Aroclor-1016 {4}	5.37	5.31	5.45	1059949	1051129	0.83
Aroclor-1016 {5}	5.54	5.49	5.63	886286	812921	8.28
Aroclor-1260	7.91	7.03	8.83	912187	884673	3.02
Aroclor-1260 {2}	8.16	7.28	9.08	1363790	1282482	5.96
Aroclor-1260 {3}	9.75	8.88	10.68	1129299	1048889	7.12
Aroclor-1260 {4}	10.26	9.38	11.18	2316162	2307246	0.38
Aroclor-1260 {5}	10.85	9.97	11.77	1679657	1570871	6.48
					Average %D	3.98

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/10/2012 **Instrument ID:** GC-Y

Data File: Y6460.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	1595618	10.45
Aroclor-1016 {2}	4.11	4.04	4.18	2371736	2126572	10.34
Aroclor-1016 {3}	4.66	4.58	4.72	3125036	2921642	6.51
Aroclor-1016 {4}	5.17	5.09	5.23	1513071	1325726	12.38
Aroclor-1016 {5}	5.56	5.48	5.62	2595618	2311857	10.93
Aroclor-1260	8.33	7.42	9.22	7136339	6396458	10.37
Aroclor-1260 {2}	9.00	8.10	9.90	3358711	2979818	11.28
Aroclor-1260 {3}	9.48	8.57	10.37	8338627	6829072	18.10
Aroclor-1260 {4}	9.96	9.05	10.85	4218754	3677517	12.83
Aroclor-1260 {5}	11.01	10.11	11.91	1651625	1395256	15.52
					Average %D	11.87

Data File: Y6460.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.81	3.75	3.89	559998	568708	1.56
Aroclor-1016 {2}	4.41	4.35	4.49	1150027	1131701	1.59
Aroclor-1016 {3}	5.16	5.10	5.24	2577359	2629381	2.02
Aroclor-1016 {4}	5.37	5.31	5.45	1059949	1110387	4.76
Aroclor-1016 {5}	5.54	5.49	5.63	886286	855970	3.42
Aroclor-1260	7.91	7.03	8.83	912187	972227	6.58
Aroclor-1260 {2}	8.16	7.28	9.08	1363790	1399788	2.64
Aroclor-1260 {3}	9.75	8.88	10.68	1129299	1195357	5.85
Aroclor-1260 {4}	10.26	9.38	11.18	2316162	2614200	12.87
Aroclor-1260 {5}	10.85	9.97	11.77	1679657	1765390	5.10
					Average %D	4.64

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** 12.98 **TCMX 2** 3.55 **DCB 2** 13.43

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKS120705-03	07/09/2012	19:15	3.44		12.98		3.55		13.43	
GG-34_(0-2	06583-001	07/09/2012	19:32	3.44		12.98		3.54		13.42	
GG-34_(4.0	06583-003	07/09/2012	20:07	3.44		12.98		3.55		13.43	
HH-34_(0-2	06583-004	07/09/2012	20:24	D		D		D		D	
HH-34_(2.0	06583-005	07/09/2012	20:41	D		D		D		D	
HH-34_(4.0	06583-006	07/09/2012	20:59	3.44		12.98		3.54		13.42	
II-33_(0-2	06583-007	07/09/2012	21:16	D		D		D		D	
II-33_(4.0	06583-009	07/09/2012	21:51	3.44		12.98		3.55		13.42	
HH-33_(4.0	06583-012	07/09/2012	22:43	3.44		12.98		3.55		13.42	
GG-33_(0-2	06583-013	07/09/2012	23:00	D		D		D		D	
GG-33_(4.0	06583-015	07/09/2012	23:35	3.44		12.98		3.55		13.42	
GG-32_(0-2	06583-016	07/09/2012	23:52	3.44		12.98		3.55		13.42	
GG-32_(4.0	06583-018	07/10/2012	00:27	3.44		12.98		3.55		13.42	
HH-32_(0-2	06583-019	07/10/2012	00:44	D		D		D		D	
HH-32_(2.0	06583-020	07/10/2012	01:01	3.44		12.98		3.55		13.42	
PCB	06583-020MS	07/10/2012	01:18	3.44		12.98		3.54		13.42	
PCB	06583-020MSD	07/10/2012	01:36	3.44		12.98		3.55		13.42	
PCB	LCSS120705-03	07/10/2012	01:53	3.44		12.98		3.55		13.42	
GG-34_(2.0	06583-002	07/10/2012	19:42	3.44		12.98		3.54		13.42	
II-33_(2.0	06583-008	07/10/2012	20:00	3.44		12.98		3.54		13.42	
GG-33_(2.0	06583-014	07/10/2012	20:52	3.44		12.98		3.54		13.42	
GG-32_(2.0	06583-017	07/10/2012	21:09	3.44		12.98		3.54		13.42	
HH-33_(0-2	06583-010	07/11/2012	09:56	3.44		12.97		3.54		13.42	
HH-33_(2.0	06583-011	07/11/2012	10:14	3.44		12.98		3.54		13.42	

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 3.44 **DCB 1** 12.98 **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	BLKS120705-04	07/10/2012	03:37	3.44		12.98		3.54		13.42	
II-32_(0-2	06583-022	07/10/2012	04:12	D		D		D		D	
II-32_(4.0	06583-024	07/10/2012	04:46	3.44		12.98		3.54		13.42	
JJ-32_(4.0	06583-027	07/10/2012	05:39	3.44		12.98		3.54		13.42	
KK-31_(0-2	06583-028	07/10/2012	05:56	D		D		D		D	
KK-31_(4.0	06583-030	07/10/2012	06:31	3.44		12.98		3.54		13.42	
JJ-31_(0-2	06583-031	07/10/2012	06:48	D		D		D		D	
JJ-31_(4.0	06583-033	07/10/2012	07:23	3.44		12.98		3.54		13.42	
II-31_(0-2	06583-034	07/10/2012	07:41	D		D		D		D	
HH-31_(0-2	06583-037	07/10/2012	08:33	D		D		D		D	
HH-31_(4.0	06583-039	07/10/2012	09:08	3.44		12.98		3.54		13.42	
GG-31_(0-2	06583-040	07/10/2012	09:26	D		D		D		D	
PCB	06538-040MS	07/10/2012	09:43	D		D		D		D	
PCB	06538-040MSD	07/10/2012	10:01	D		D		D		D	
PCB	LCSS120705-04	07/10/2012	10:18	3.44		12.98		3.54		13.42	
HH-32_(4.0	06583-021	07/10/2012	21:44	3.44		12.98		3.54		13.42	
II-32_(2.0	06583-023	07/10/2012	22:01	3.44		12.98		3.54		13.42	
JJ-32_(0-2	06583-025	07/10/2012	22:19	3.44		12.98		3.54		13.42	
KK-31_(2.0	06583-029	07/10/2012	22:53	3.44		12.98		3.54		13.42	
JJ-31_(2.0	06583-032	07/10/2012	23:11	D		D		D		D	
II-31_(2.0	06583-035	07/10/2012	23:28	3.44		12.98		3.54		13.42	
II-31_(4.0	06583-036	07/10/2012	23:45	3.44		12.98		3.54		13.42	
HH-31_(2.0	06583-038	07/11/2012	00:02	3.44		12.98		3.54		13.42	
JJ-32_(2.0	06583-026	07/11/2012	10:31	3.44		12.98		3.54		13.42	

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 3.44 **DCB 1** 12.98 **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	BLKS120705-05	07/10/2012	11:57	3.44		12.98		3.54		13.42	
GG-31_(2.0	06583-041	07/10/2012	12:14	D		D		D		D	
GG-31_(4.0	06583-042	07/10/2012	12:32	3.44		12.98		3.54		13.42	
FF-31_(0-2	06583-043	07/10/2012	12:49	D		D		D		D	
EE-30_(4.0	06583-048	07/10/2012	14:16	3.44		12.98		3.54		13.42	
FF-30_(0-2	06583-049	07/10/2012	14:34	D		D		D		D	
FF-30_(4.0	06583-051	07/10/2012	15:09	3.44		12.98		3.54		13.42	
GG-30_(0-2	06583-052	07/10/2012	15:26	D		D		D		D	
GG-30_(4.0	06583-054	07/10/2012	16:01	3.44		12.98		3.55		13.42	
HH-30_(0-2	06583-055	07/10/2012	16:18	D		D		D		D	
II-30_(0-2	06583-058	07/10/2012	17:11	3.44		12.98		3.54		13.42	
II-30_(4.0	06583-060	07/10/2012	17:45	3.44		12.98		3.55		13.42	
PCB	06583-060MS	07/10/2012	18:33	3.43		12.97		3.55		13.43	
PCB	06583-060MSD	07/10/2012	18:50	3.44		12.98		3.54		13.42	
PCB	LCSS120705-05	07/10/2012	19:08	3.44		12.98		3.55		13.42	
FF-31_(2.0	06583-044	07/11/2012	23:54	3.44		12.98		3.54		13.41	
FF-31_(4.0	06583-045	07/12/2012	00:11	3.44		12.98		3.54		13.42	
EE-30_(0-2	06583-046	07/12/2012	00:29	D		D		D		D	
EE-30_(2.0	06583-047	07/12/2012	00:46	3.45		12.98		3.55		13.42	
FF-30_(2.0	06583-050	07/12/2012	01:03	3.44		12.98		3.54		13.42	
HH-30_(2.0	06583-056	07/12/2012	01:38	3.44		12.98		3.55		13.42	
HH-30_(4.0	06583-057	07/12/2012	01:55	3.44		12.98		3.55		13.41	
II-30_(2.0	06583-059	07/12/2012	02:12	3.44		12.98		3.54		13.42	
GG-30_(2.0	06583-053	07/13/2012	03:05	3.44		12.98		3.54		13.42	

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** 2.92 **DCB 2** 12.53

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKA120706-02	07/10/2012	02:39	2.82		12.10		2.92		12.53	
062912-C	06534-001	07/10/2012	03:13	2.82		12.11		2.92		12.53	
MW-12	06552-017	07/10/2012	03:30	2.82		12.11		2.92		12.53	
FB	06552-019	07/10/2012	03:48	2.82		12.11		2.93		12.53	
SAMPLE_10	06212-010	07/10/2012	04:05	2.83		12.11		2.93		12.53	
SAMPLE_14	06212-014	07/10/2012	04:22	2.82		12.11		2.92		12.53	
SAMPLE_15	06212-015	07/10/2012	04:39	2.82		12.10		2.92		12.53	
SAMPLE_18	06212-018	07/10/2012	04:56	2.82		12.11		2.92		12.53	
TW-18/12.5	06607-007	07/10/2012	05:13	2.82		12.10		2.92		12.53	
TW-19/7	06607-008	07/10/2012	05:30	2.82		12.10		2.92		12.53	
FB-4	06583-061	07/10/2012	05:48	2.82		12.11		2.92		12.53	
MW-1/12.25	06657-001	07/10/2012	06:05	2.82		12.11		2.92		12.53	
MW-2/11.69	06657-002	07/10/2012	06:22	2.82		12.11		2.92		12.53	
MW-3/12.94	06657-003	07/10/2012	06:39	2.82		12.11		2.93		12.53	
FIELD_BLAN	06657-004	07/10/2012	06:56	2.82		12.10		2.92		12.53	
I4-070212-	06658-005	07/10/2012	07:14	2.82		12.11		2.92		12.53	
PLA-V12-18	06677-001	07/10/2012	07:31	2.82		12.10		2.92		12.53	
FB-5	06634-061	07/10/2012	07:48	2.82		12.11		2.93		12.53	
FB-6	06684-048	07/10/2012	08:05	2.82		12.11		2.92		12.53	
PCB	06534-001MS	07/10/2012	08:22	2.82		12.10		2.92		12.53	
PCB	06534-001MSD	07/10/2012	08:40	2.82		12.11		2.92		12.53	
PCB	LCSA120706-02	07/10/2012	08:57	2.82		12.10		2.92		12.53	

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\07-09-12\
Data File : R1339.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Jul 2012 19:32
Operator : YG
Sample : GG-34_(0-2,06583-001,S,5.26g,25.4,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,20
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:24:09 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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	3.44	3.54	2400.2E6	1154.8E6	15.031	12.887
Spiked Amount 200.000			Recovery	=	7.52%	6.44%
2) S DCB	12.98	13.42	607.8E6	250.1E6	10.423m	10.185m
Spiked Amount 200.000			Recovery	=	5.21%	5.09%
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	5.25	5.90	3713.5E6	1850.0E6	472.606	482.924
24) L6 Aroclor-1248 {2}	5.80	6.51	2737.3E6	3834.6E6	623.235	1193.403 #
25) L6 Aroclor-1248 {3}	6.14	6.92	3886.6E6	2930.1E6	898.029	722.141
26) L6 Aroclor-1248 {4}	6.86	7.08	6919.1E6	2066.1E6	799.643	601.323
27) L6 Aroclor-1248 {5}	7.13	7.43	4803.6E6	1161.5E6	671.769	597.815
Sum Aroclor-1248			22060.0E6	11842.4E6	3465.282	3597.607
Average Aroclor-1248					693.056	719.521
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.17	8.98	3625.3E6	1250.1E6	305.891	348.902
34) L8 Aroclor-1260 {2}	9.85	9.39	1624.0E6	944.8E6	225.469	235.033
35) L8 Aroclor-1260 {3}	10.32	10.59	5271.7E6	760.7E6	252.357	250.595
36) L8 Aroclor-1260 {4}	10.81	11.10	1831.7E6	1533.2E6	207.899	260.036 #
37) L8 Aroclor-1260 {5}	11.87	11.70	1472.4E6	1139.6E6	350.632	242.871 #
Sum Aroclor-1260			13825.2E6	5628.3E6	1342.248	1337.437
Average Aroclor-1260					268.450	267.487
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\07-09-12\
Data File : R1339.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Jul 2012 19:32
Operator : YG
Sample : GG-34_(0-2,06583-001,S,5.26g,25.4,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,20
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:24:09 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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

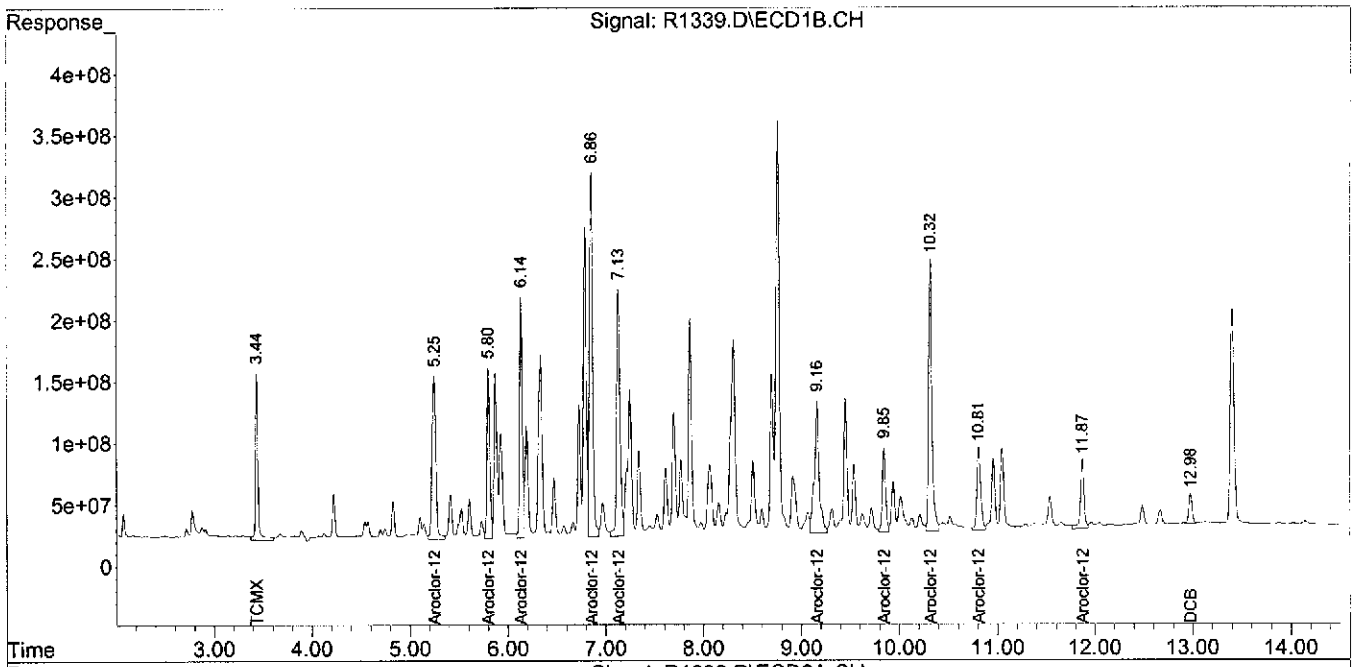
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

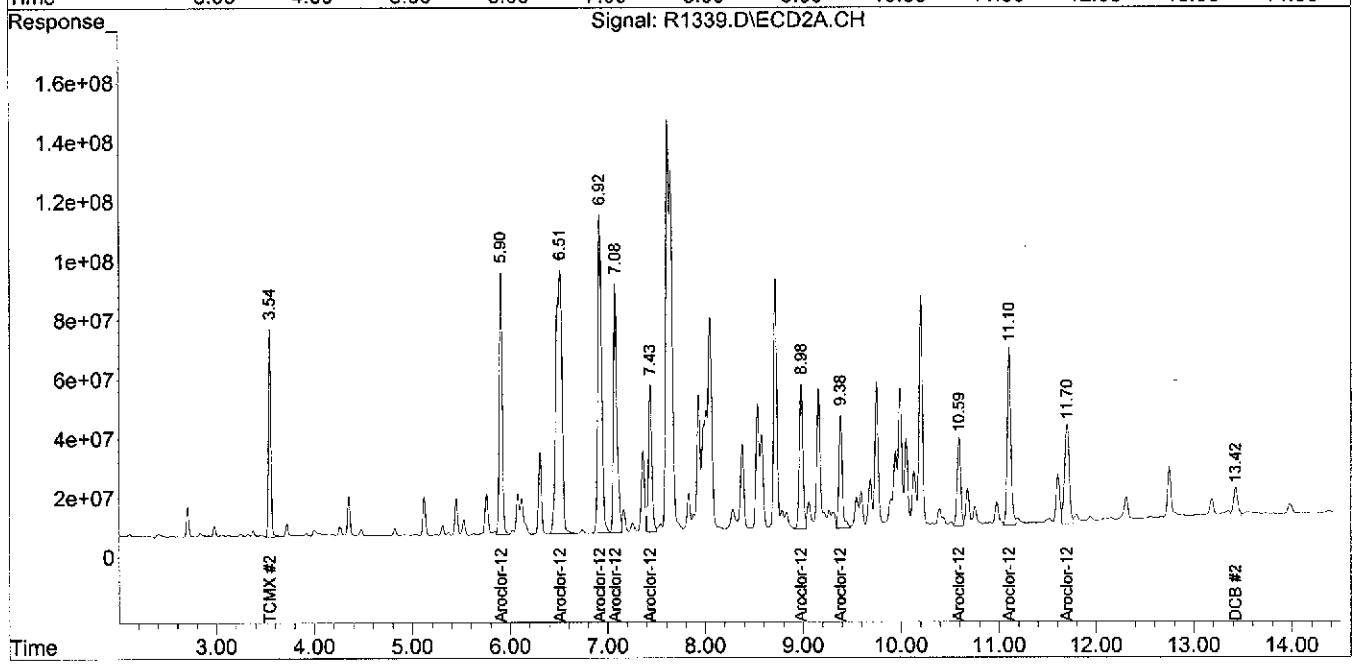
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1339.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Jul 2012 19:32
Operator : YG
Sample : GG-34_(0-2,06583-001,S,5.26g,25.4,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,20
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:24:09 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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\07-10-12\
Data File : R1415.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 19:42
Operator : YG
Sample : GG-34_(2.0,06583-002,S,5.44g,27.9,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,1
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:37:44 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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	3.44	3.54	23899.6E6	16778.4E6	149.665	187.245 #
Spiked Amount 200.000			Recovery	=	74.83%	93.62%
2) S DCB	12.98	13.42	12534.1E6	4820.2E6	214.929	196.280
Spiked Amount 200.000			Recovery	=	107.46%	98.14%
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	5.25	5.90	9561.4E6	4814.8E6	1216.870	1256.842
24) L6 Aroclor-1248 {2}	5.80	6.51	3393.7E6	5467.2E6	772.677	1701.509 #
25) L6 Aroclor-1248 {3}	6.13	6.92	7182.7E6	3205.4E6	1659.646	789.992 #
26) L6 Aroclor-1248 {4}	6.85	7.07	5362.5E6	2172.8E6	619.752	632.375
27) L6 Aroclor-1248 {5}	7.13	7.43	4174.0E6	966.9E6	583.713	497.631
Sum Aroclor-1248			29674.4E6	16627.1E6	4852.658	4878.348
Average Aroclor-1248					970.532	975.670
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

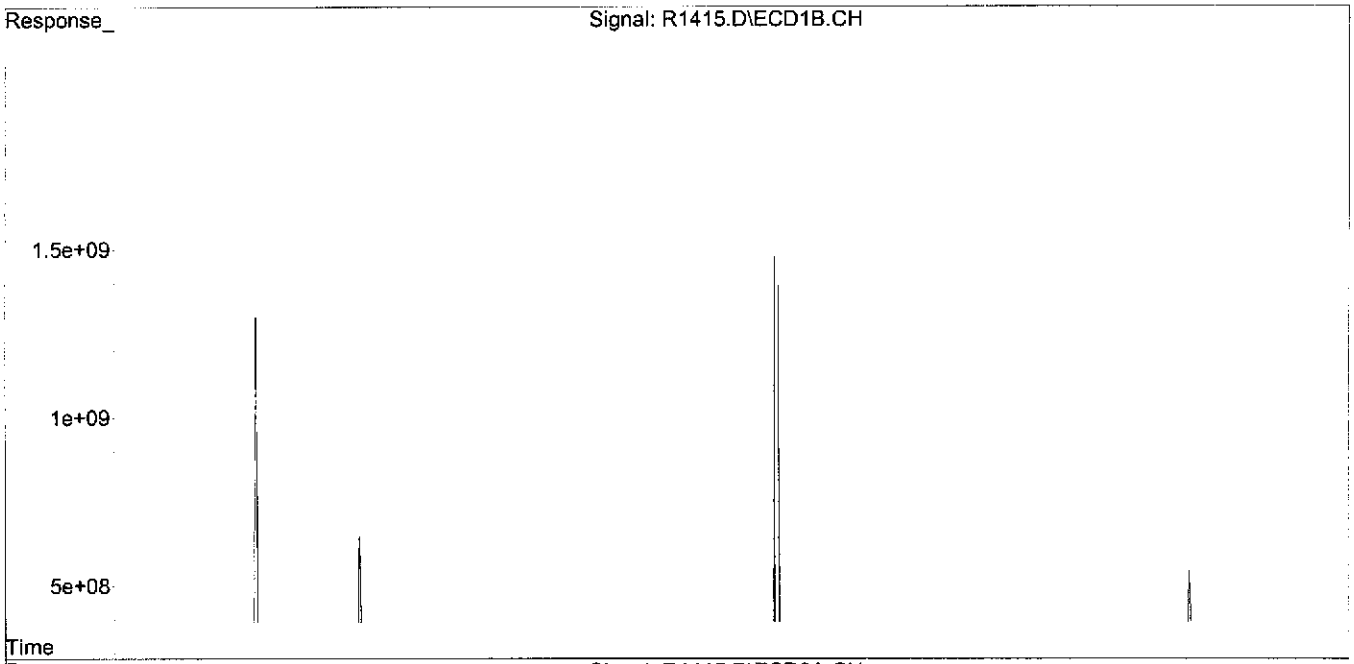
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

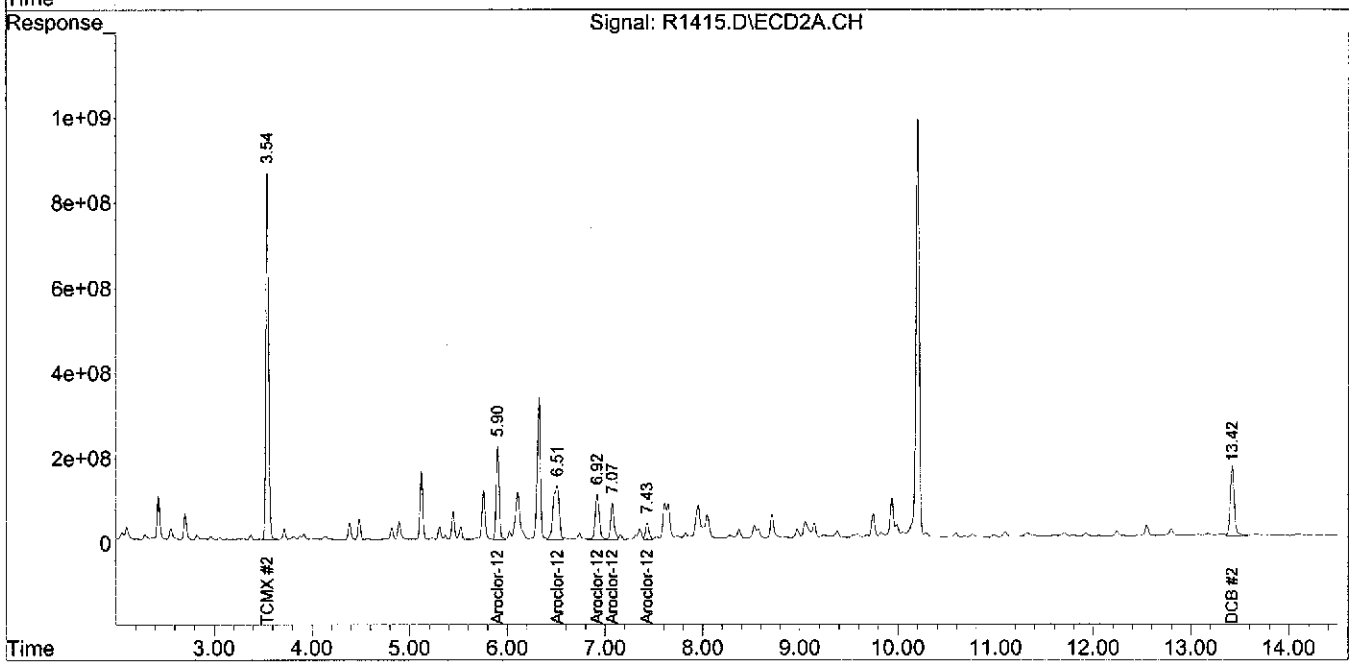
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-10-12\
Data File : R1415.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 19:42
Operator : YG
Sample : GG-34_(2.0,06583-002,S,5.44g,27.9,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,1
ALS Vial : 5 Sample Multiplier: 1

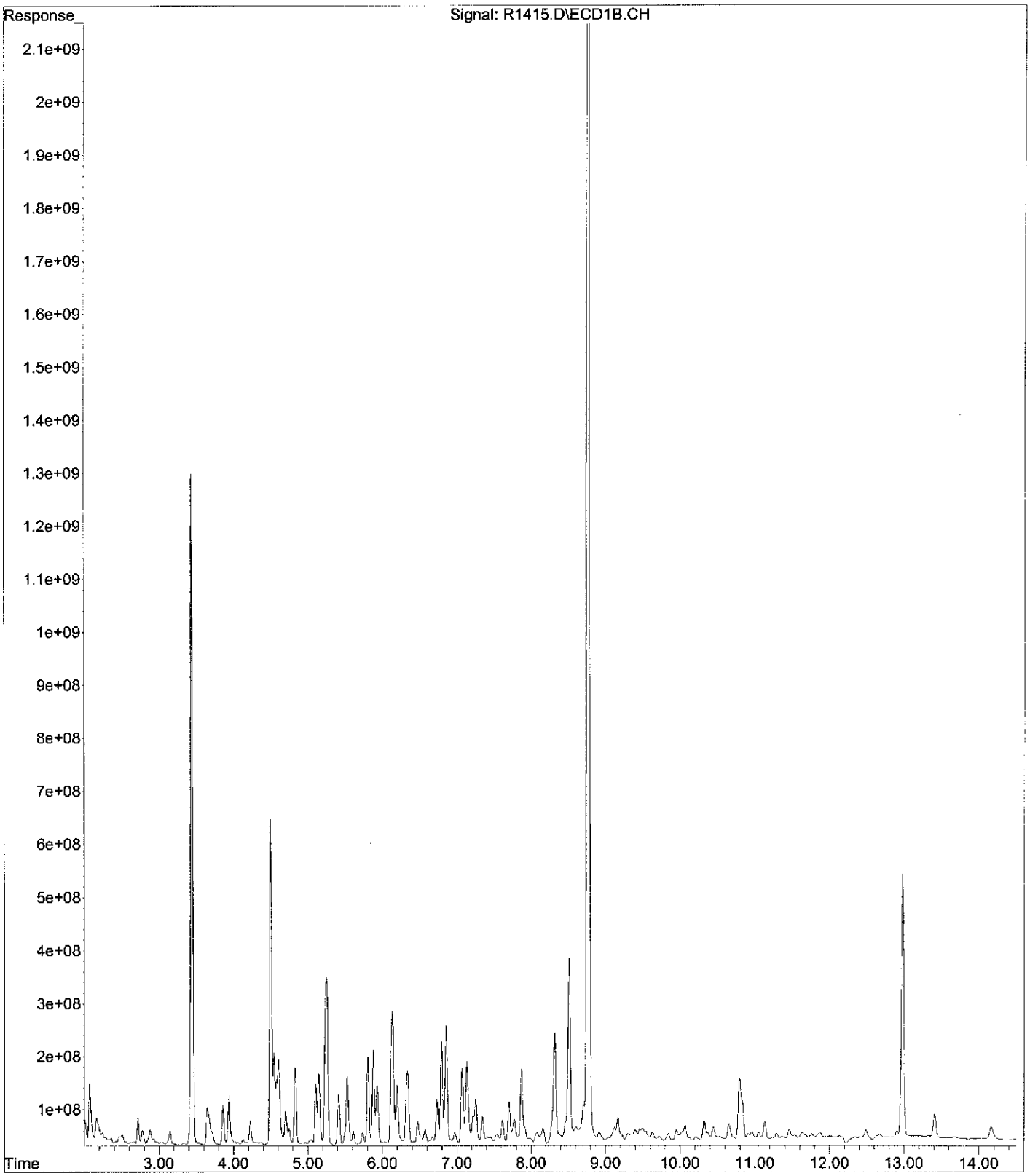
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:37:44 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





File :C:\MSDChem\1\DATA\07-10-12\R1415.D
Operator : YG
Acquired : 10 Jul 2012 19:42 using AcqMethod RPCB0709.M
Instrument : GC_R
Sample Name: GG-34_(2.0,06583-002,S,5.44g,27.9,07/05/12,4
Misc Info : 120705-03,07/02/12,07/02/12,1
Vial Number: 5



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1341.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Jul 2012 20:07
Operator : YG
Sample : GG-34_(4.0,06583-003,S,5.44g,24.3,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,1
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:25:03 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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	3.44	3.55	34132.6E6	16946.0E6	213.746	189.116
Spiked Amount 200.000			Recovery	=	106.87%	94.56%
2) S DCB	12.98	13.43	13398.3E6	5073.5E6	229.747	206.590
Spiked Amount 200.000			Recovery	=	114.87%	103.30%
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	5.25	5.90	620.0E6	297.4E6	78.909	77.641m
24) L6 Aroclor-1248 {2}	5.80	6.48	164.7E6	105.8E6	37.500m	32.941m
25) L6 Aroclor-1248 {3}	6.13	6.92	332.8E6	148.3E6	76.902m	36.553m#
26) L6 Aroclor-1248 {4}	6.86	7.08	374.7E6	102.2E6	43.299	29.753m#
27) L6 Aroclor-1248 {5}	7.16	7.43	224.7E6	82111717	31.426m	42.261 #
Sum Aroclor-1248			1716.9E6	735.9E6	268.036	219.149
Average Aroclor-1248					53.607	43.830
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

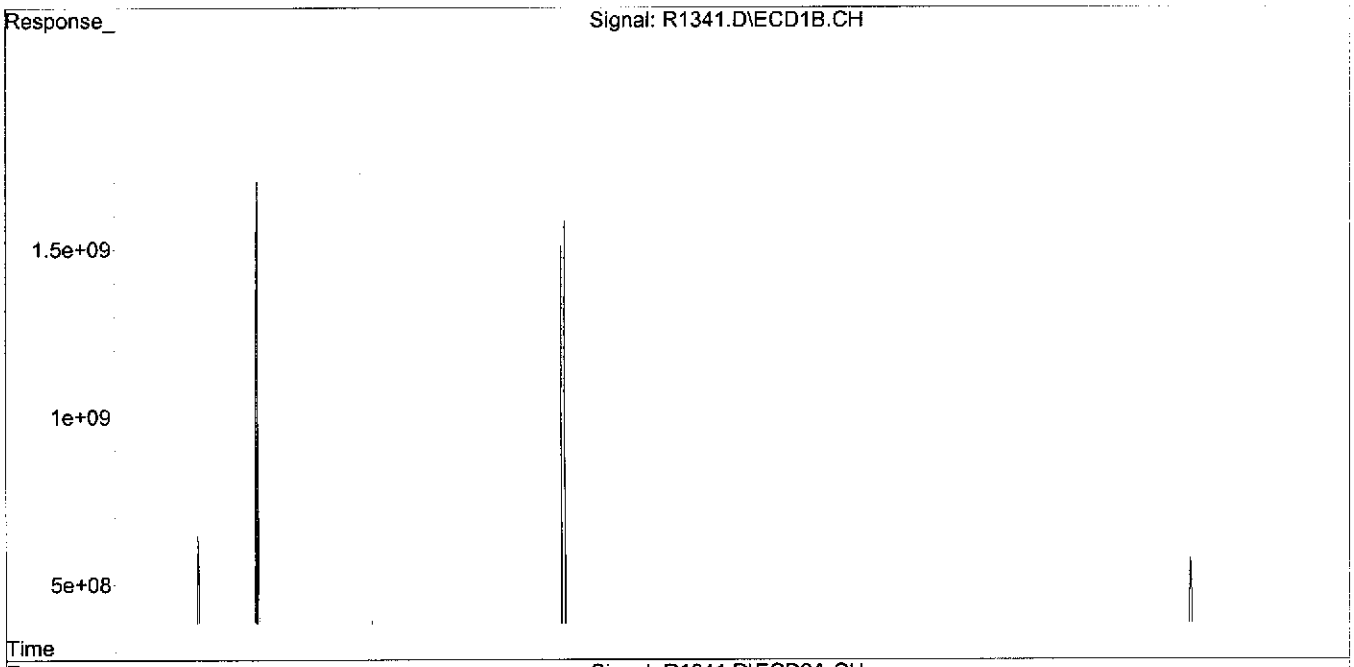
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

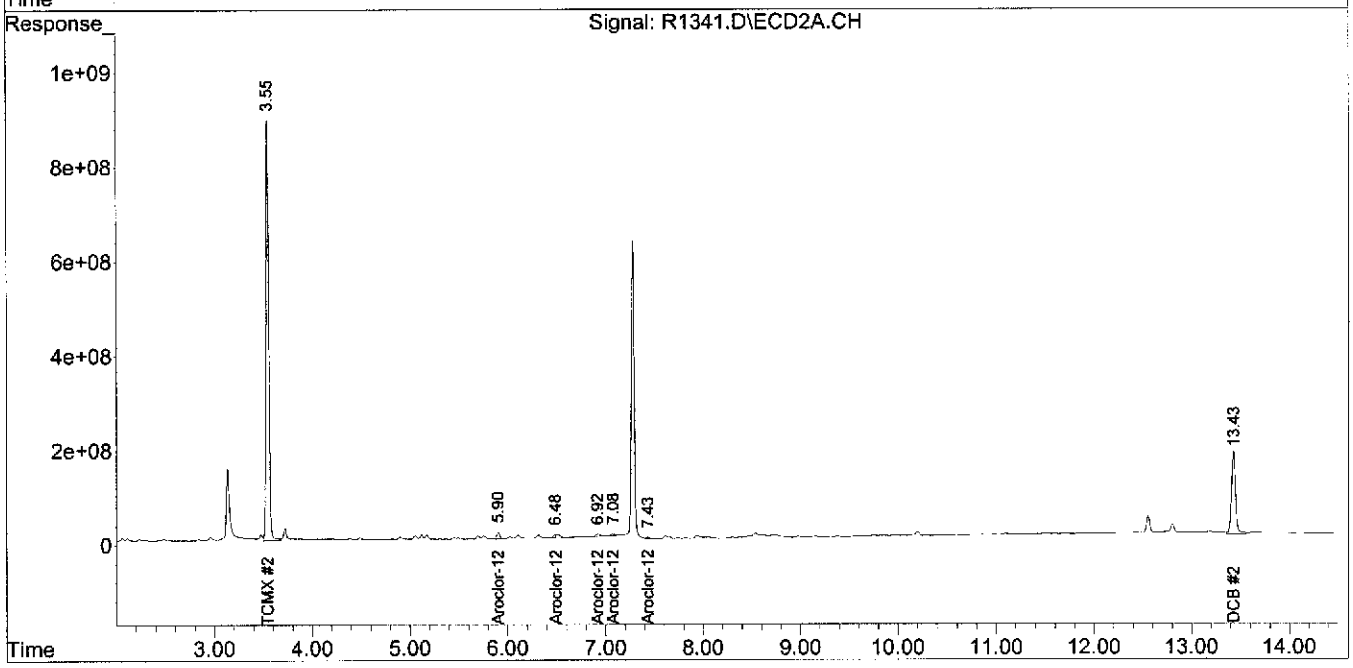
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1341.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Jul 2012 20:07
Operator : YG
Sample : GG-34_(4.0,06583-003,S,5.44g,24.3,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,1
ALS Vial : 5 Sample Multiplier: 1

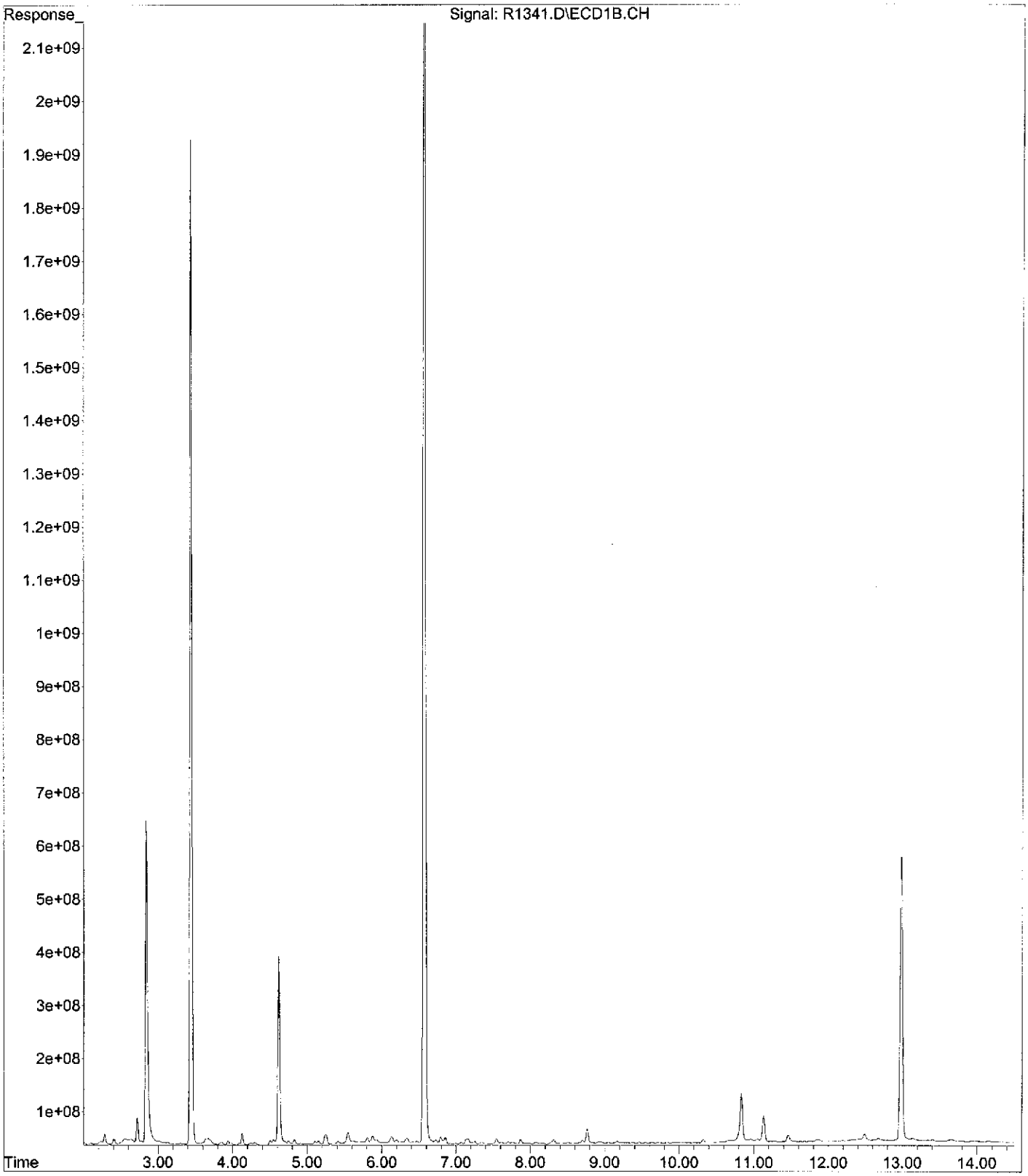
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:25:03 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





File :C:\MSDChem\1\DATA\07-09-12\R1341.D
Operator : YG
Acquired : 09 Jul 2012 20:07 using AcqMethod RPCB0709.M
Instrument : GC_R
Sample Name: GG-34_(4.0,06583-003,S,5.44g,24.3,07/05/12,4
Misc Info : 120705-03,07/02/12,07/02/12,1
Vial Number: 5



Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1342.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Jul 2012 20:24
Operator : YG
Sample : HH-34_(0-2,06583-004,S,5.24g,20.5,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,1000
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:25:29 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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	5.26	5.91	3702.6E6	1815.5E6	471.227	473.908
24) L6 Aroclor-1248 {2}	5.81	6.51	1619.7E6	2296.2E6	368.778	714.628 #
25) L6 Aroclor-1248 {3}	6.14	6.92	2341.6E6	1792.3E6	541.062	441.726
26) L6 Aroclor-1248 {4}	6.86	7.08	3843.5E6	1506.5E6	444.195	438.439
27) L6 Aroclor-1248 {5}	7.14	7.43	3184.8E6	856.5E6	445.388	440.836
Sum Aroclor-1248			14692.3E6	8267.0E6	2270.651	2509.538
Average Aroclor-1248					454.130	501.908
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

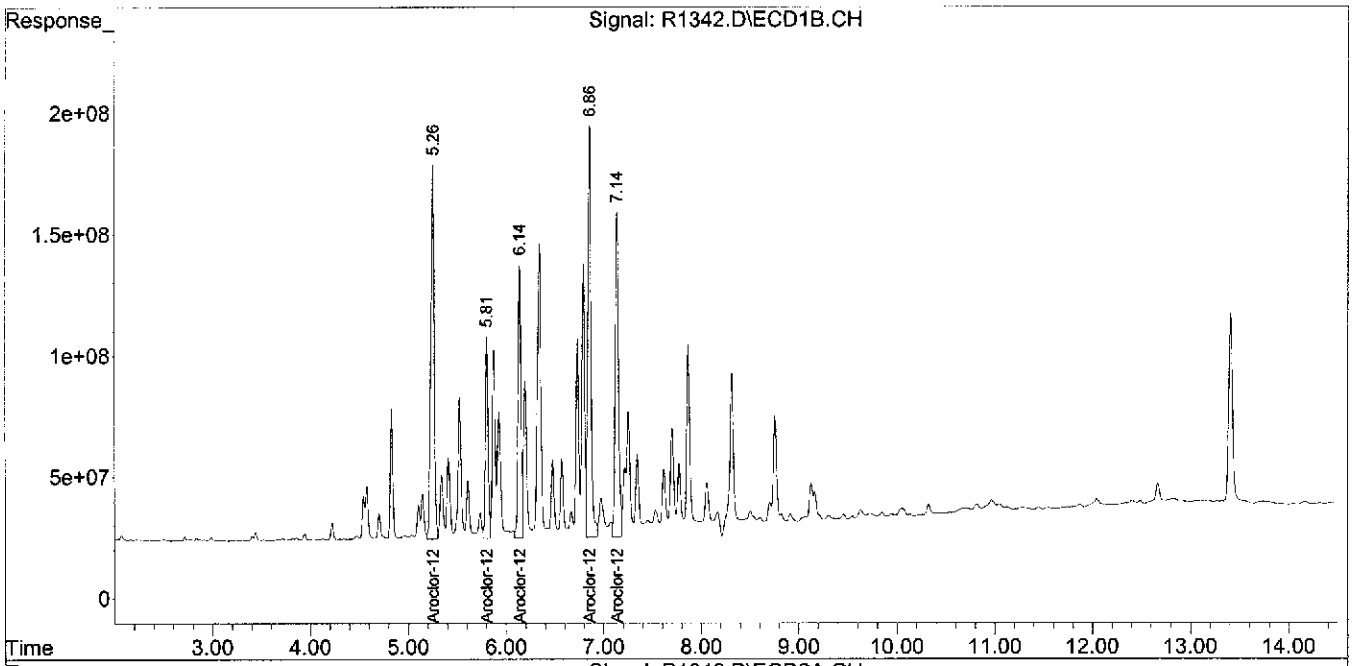
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

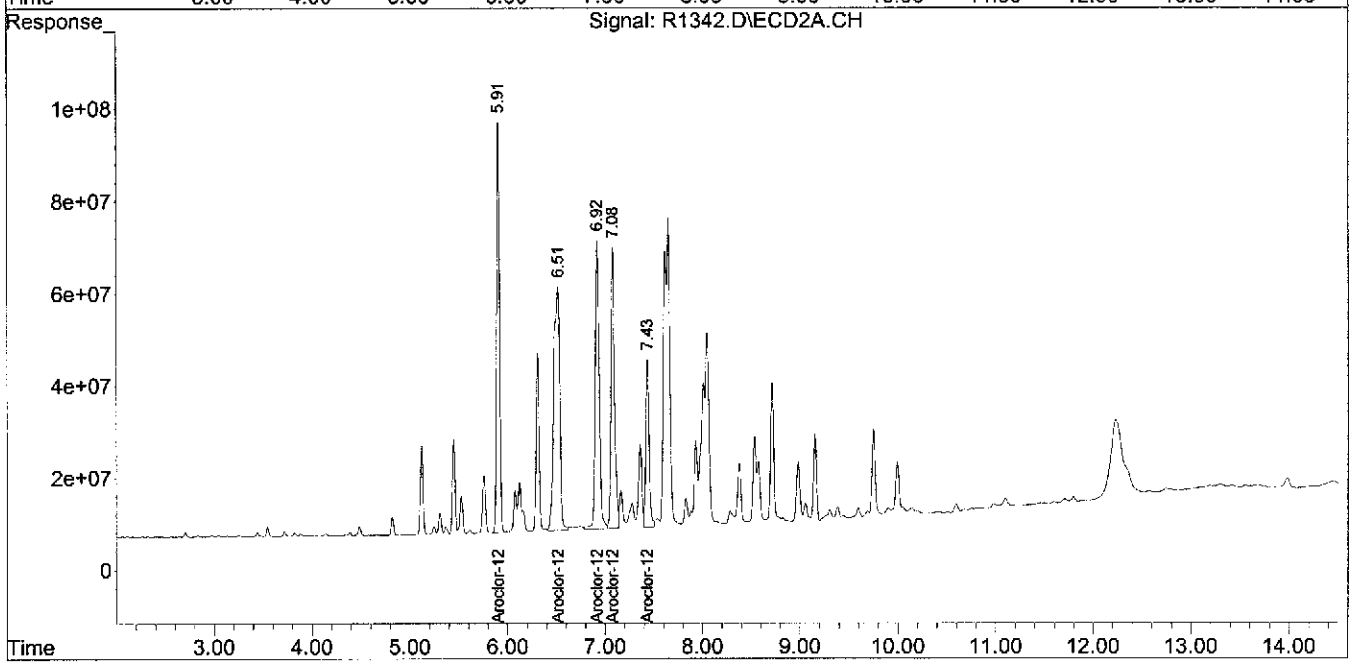
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1342.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Jul 2012 20:24
Operator : YG
Sample : HH-34_(0-2,06583-004,S,5.24g,20.5,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,1000
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:25:29 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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 (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1343.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Jul 2012 20:41
Operator : YG
Sample : HH-34_(2.0,06583-005,S,5.17g,42.1,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,200
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:26:09 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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	5.25	5.90	10956.1E6	5452.0E6	1394.366	1423.169
24) L6 Aroclor-1248 {2}	5.81	6.51	2747.3E6	4540.7E6	625.512	1413.159 #
25) L6 Aroclor-1248 {3}	6.14	6.93	1605.5E6	1681.5E6	370.957	414.410
26) L6 Aroclor-1248 {4}	6.86	7.07	1833.5E6	1575.4E6	211.895	458.492 #
27) L6 Aroclor-1248 {5}	7.14	7.43	1499.6E6	471.1E6	209.717	242.487
Sum Aroclor-1248			18642.0E6	13720.7E6	2812.447	3951.717
Average Aroclor-1248					562.489	790.343
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

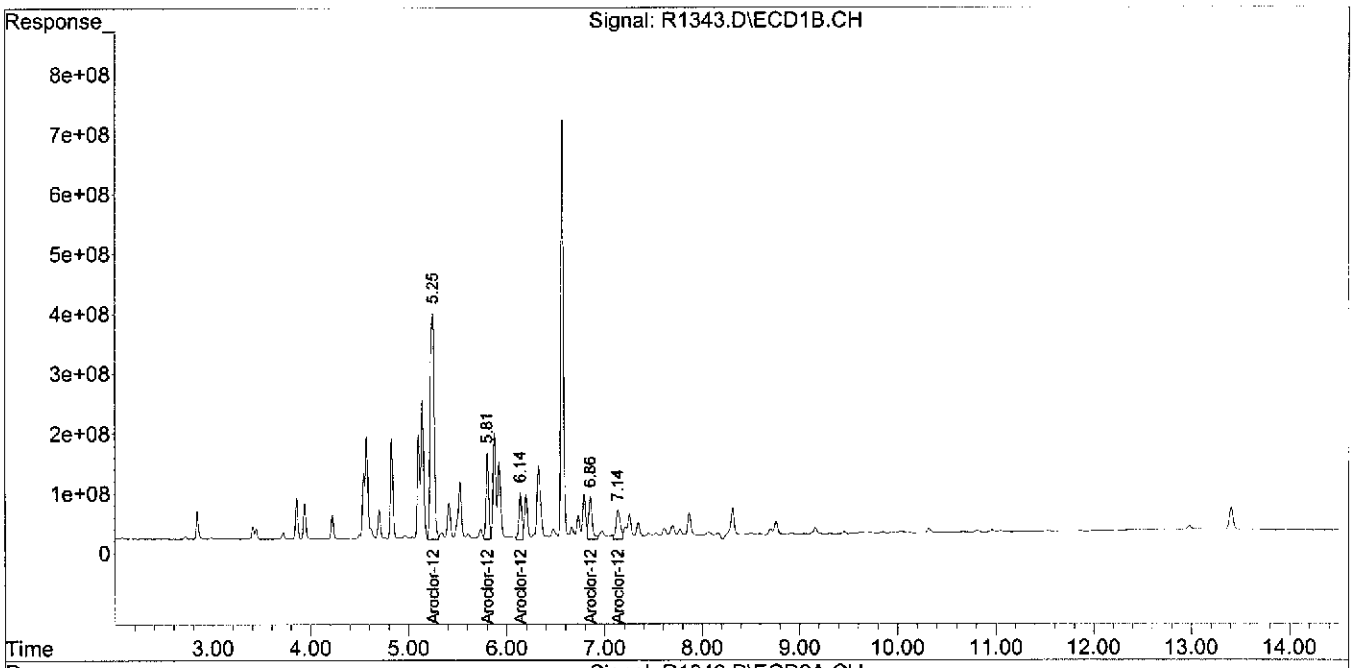
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

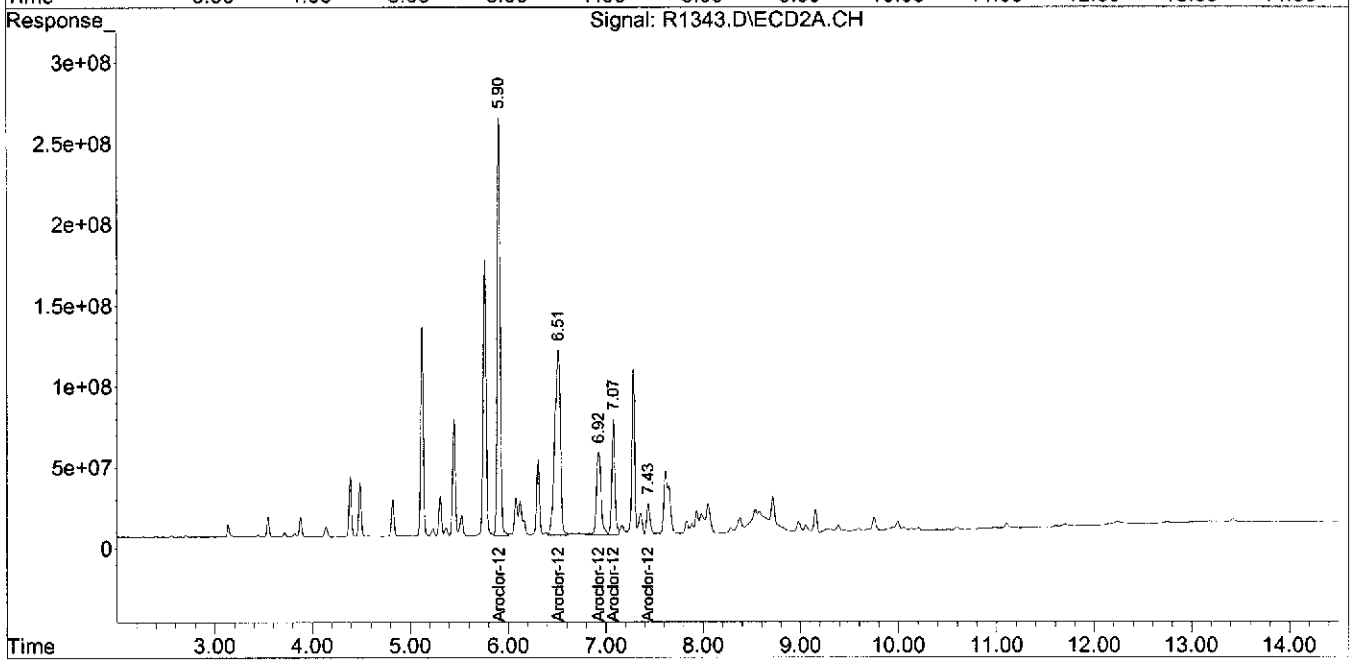
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1343.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Jul 2012 20:41
Operator : YG
Sample : HH-34_(2.0,06583-005,S,5.17g,42.1,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,200
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:26:09 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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\07-09-12\
Data File : R1344.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Jul 2012 20:59
Operator : YG
Sample : HH-34_(4.0,06583-006,S,5.46g,25.1,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,10
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:51:04 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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	3.44	3.54	4896.7E6	2765.5E6	30.664m	30.863m
Spiked Amount 200.000			Recovery	=	15.33%	15.43%
2) S DCB	12.98	13.42	1499.0E6	570.6E6	25.705m	23.235m
Spiked Amount 200.000			Recovery	=	12.85%	11.62%
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	5.25	5.90	2497.1E6	1312.6E6	317.805	342.626
24) L6 Aroclor-1248 {2}	5.80	6.51	1230.7E6	1809.7E6	280.206	563.204 #
25) L6 Aroclor-1248 {3}	6.14	6.92	1196.0E6	996.7E6	276.351	245.637
26) L6 Aroclor-1248 {4}	6.86	7.08	1775.2E6	753.3E6	205.160	219.248
27) L6 Aroclor-1248 {5}	7.14	7.43	1326.2E6	414.1E6	185.467	213.102
Sum Aroclor-1248			8025.2E6	5286.3E6	1264.989	1583.818
Average Aroclor-1248					252.998	316.764
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

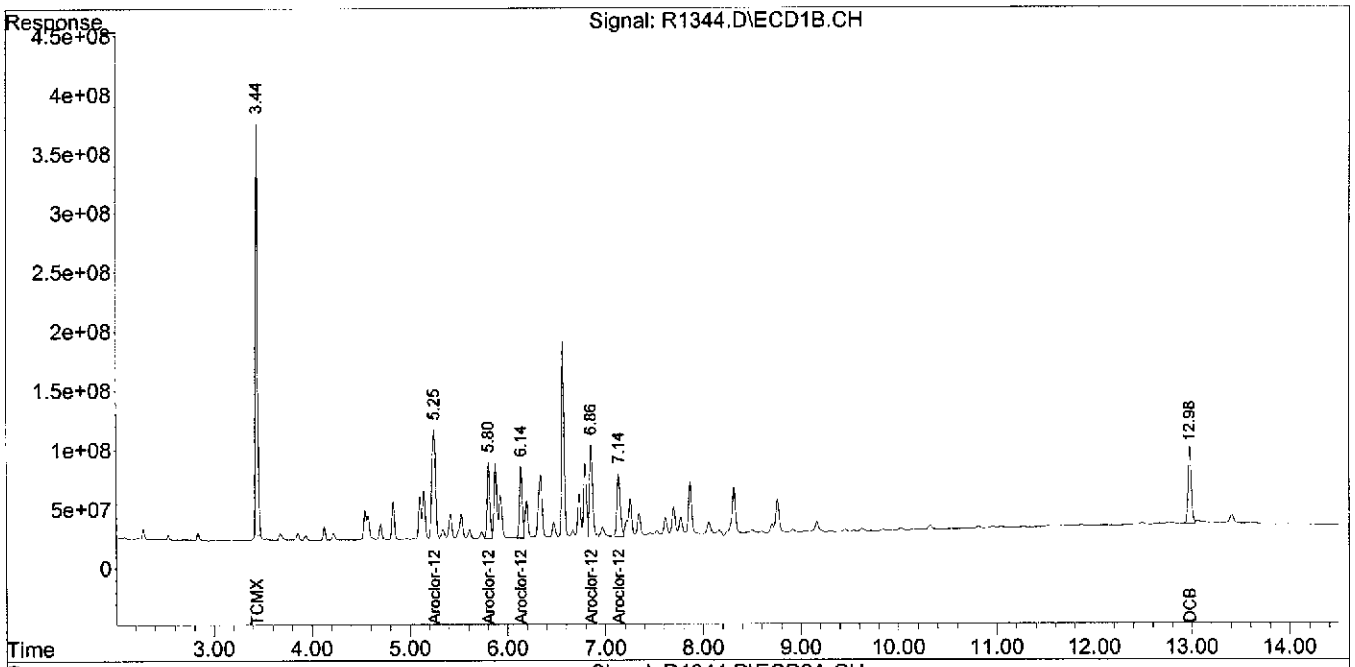
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

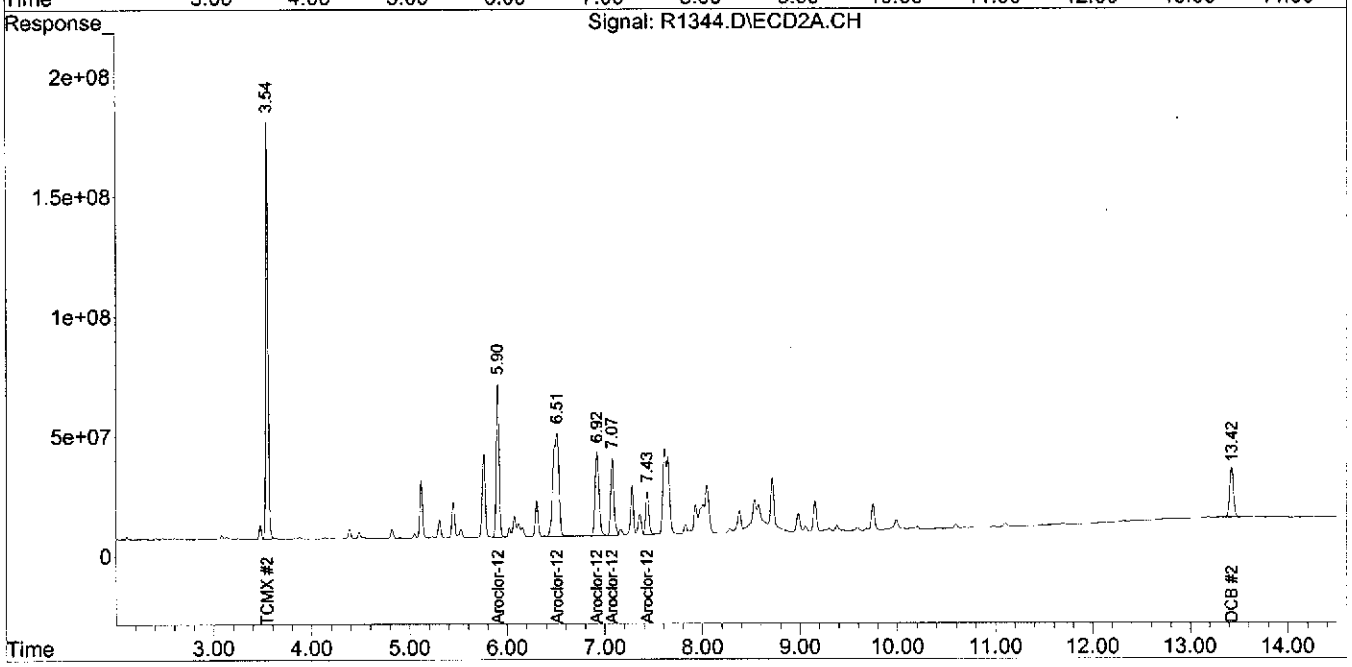
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1344.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Jul 2012 20:59
Operator : YG
Sample : HH-34_(4.0,06583-006,S,5.46g,25.1,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,10
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:51:04 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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 (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1345.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Jul 2012 21:16
Operator : YG
Sample : II-33_(0-2,06583-007,S,5.67g,41.6,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,100
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:27:42 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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	5.25	5.91	2218.9E6	1180.8E6	282.392	308.224
24) L6 Aroclor-1248 {2}	5.81	6.51	2454.9E6	1911.1E6	558.926	594.777
25) L6 Aroclor-1248 {3}	6.14	6.92	3100.1E6	2431.9E6	716.315	599.358
26) L6 Aroclor-1248 {4}	6.86	7.08	5934.9E6	2038.0E6	685.900	593.151
27) L6 Aroclor-1248 {5}	7.14	7.43	4166.1E6	1055.0E6	582.609	542.959
Sum Aroclor-1248			17874.8E6	8616.8E6	2826.143	2638.469
Average Aroclor-1248					565.229	527.694
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

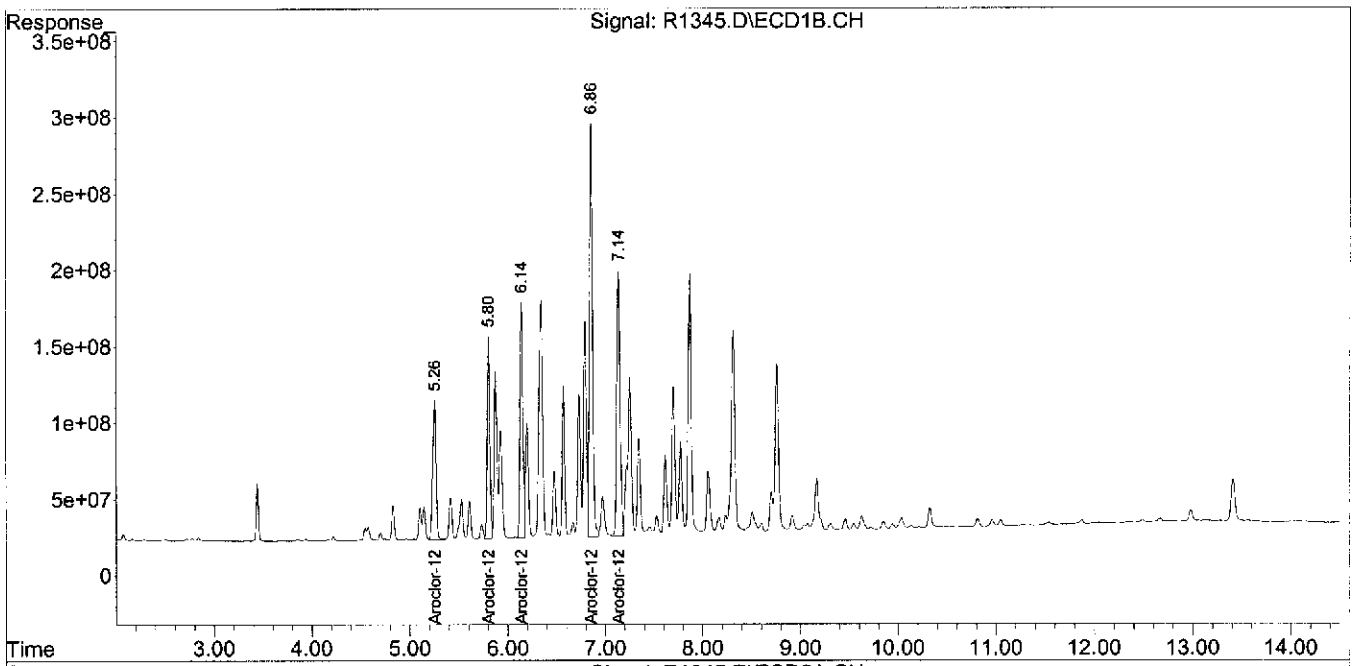
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

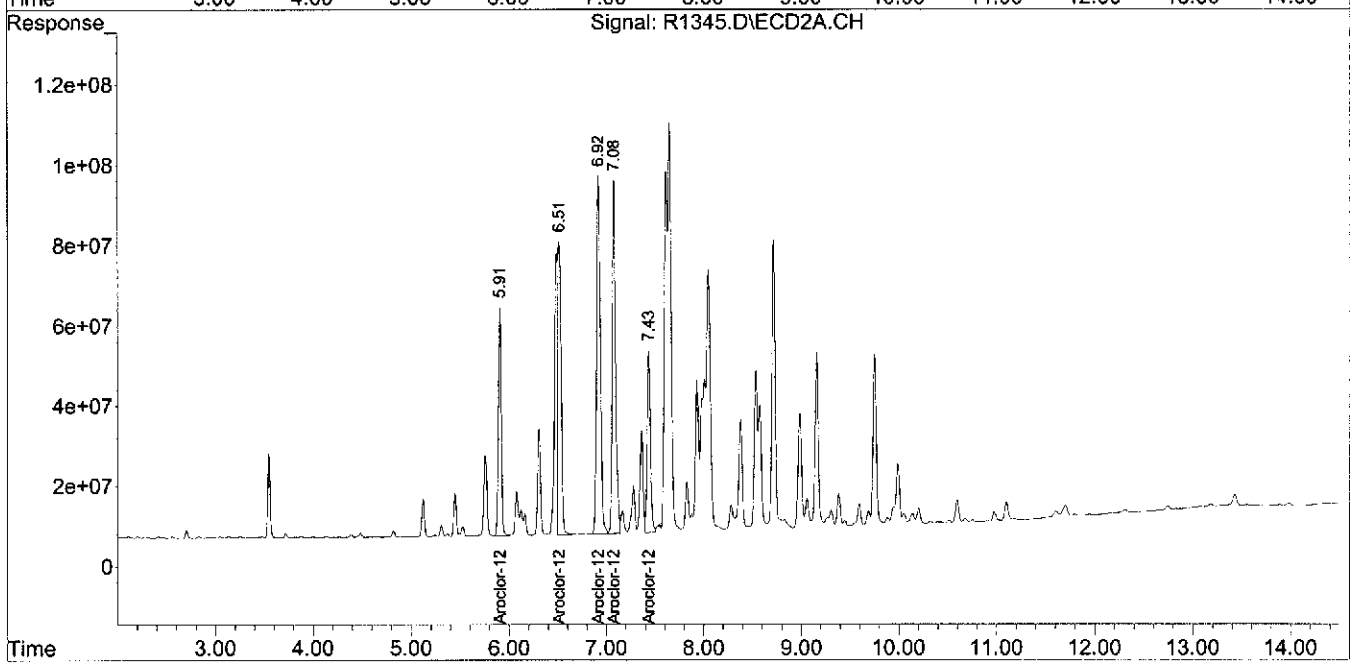
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1345.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Jul 2012 21:16
Operator : YG
Sample : II-33_(0-2,06583-007,S,5.67g,41.6,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,100
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:27:42 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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\07-10-12\
Data File : R1416.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 20:00
Operator : YG
Sample : II-33_(2.0,06583-008,S,5.70g,60.8,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,20
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:38:44 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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	3.44	3.54	2300.8E6	1245.7E6	14.408m	13.902m
Spiked Amount 200.000			Recovery	=	7.20%	6.95%
2) S DCB	12.98	13.42	726.0E6	311.6E6	12.449m	12.689m
Spiked Amount 200.000			Recovery	=	6.22%	6.34%
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	5.24	5.90	947.1E6	459.5E6	120.537m	119.941
24) L6 Aroclor-1248 {2}	5.81	6.51	948.9E6	1220.4E6	216.052m	379.817 #
25) L6 Aroclor-1248 {3}	6.14	6.92	1461.0E6	851.9E6	337.574m	209.947 #
26) L6 Aroclor-1248 {4}	6.86	7.07	542.7E6	540.0E6	62.715m	157.170 #
27) L6 Aroclor-1248 {5}	7.14	7.43	342.7E6	105.5E6	47.919m	54.316
Sum Aroclor-1248			4242.3E6	3177.3E6	784.798	921.191
Average Aroclor-1248					156.960	184.238
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

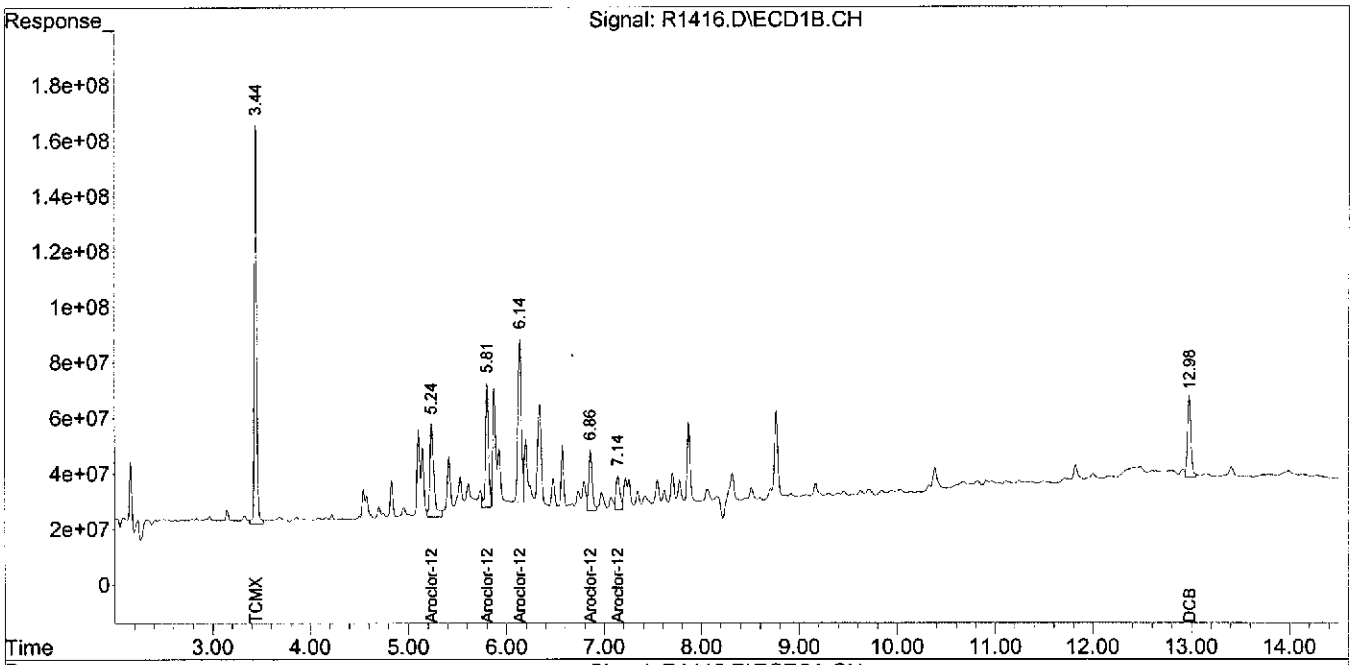
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

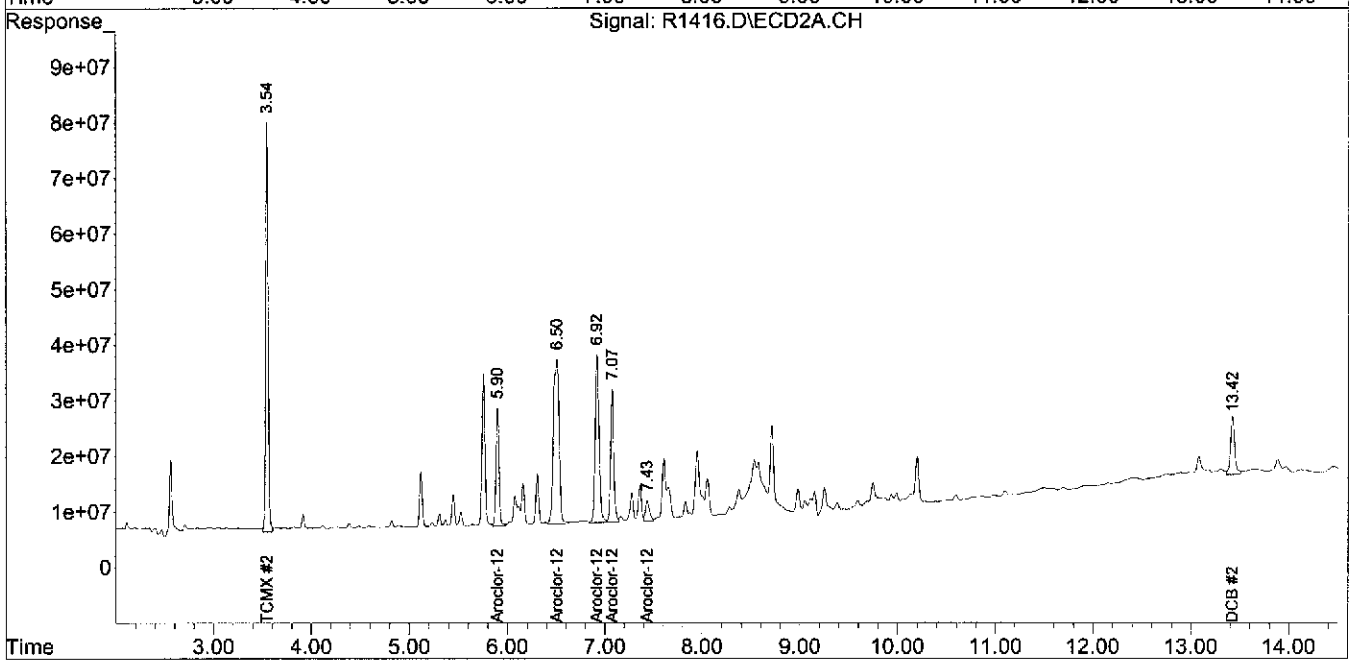
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-10-12\
Data File : R1416.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 20:00
Operator : YG
Sample : II-33_(2.0,06583-008,S,5.70g,60.8,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,20
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:38:44 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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\07-09-12\
Data File : R1347.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Jul 2012 21:51
Operator : YG
Sample : II-33_(4.0,06583-009,S,5.22g,22.4,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,1
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:29:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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	3.44	3.55	31135.1E6	18254.1E6	194.975	203.714
Spiked Amount 200.000			Recovery	=	97.49%	101.86%
2) S DCB	12.98	13.42	10149.1E6	4892.0E6	174.033	199.202m
Spiked Amount 200.000			Recovery	=	87.02%	99.60%
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	5.25	5.90	1532.1E6	601.2E6	194.984	156.937
24) L6 Aroclor-1248 {2}	5.81	6.51	1360.1E6	1025.0E6	309.670	319.000
25) L6 Aroclor-1248 {3}	0.00	6.92	0	1012.2E6	N.D. d	249.456 #
26) L6 Aroclor-1248 {4}	6.86	7.08	2157.2E6	668.1E6	249.311	194.449
27) L6 Aroclor-1248 {5}	7.13	7.43	1342.7E6	413.9E6	187.772	212.999
Sum Aroclor-1248			6392.1E6	3720.3E6	941.738	1132.842
Average Aroclor-1248					235.434	226.568
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

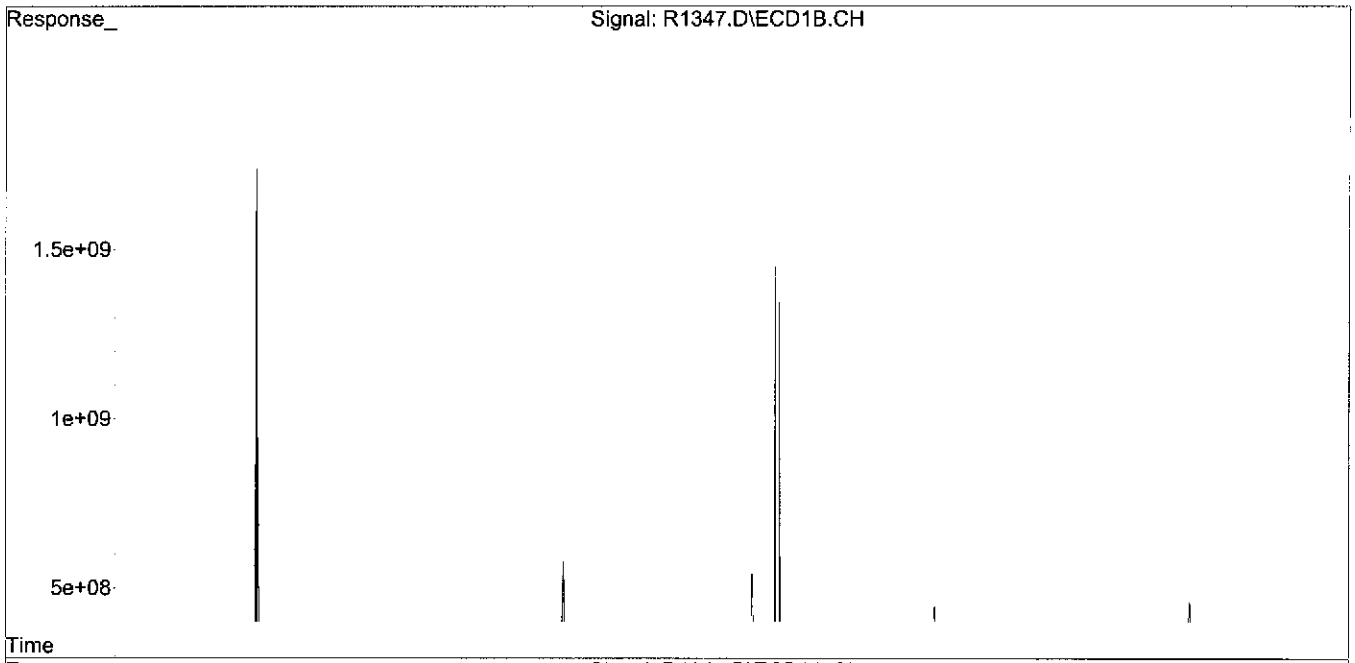
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

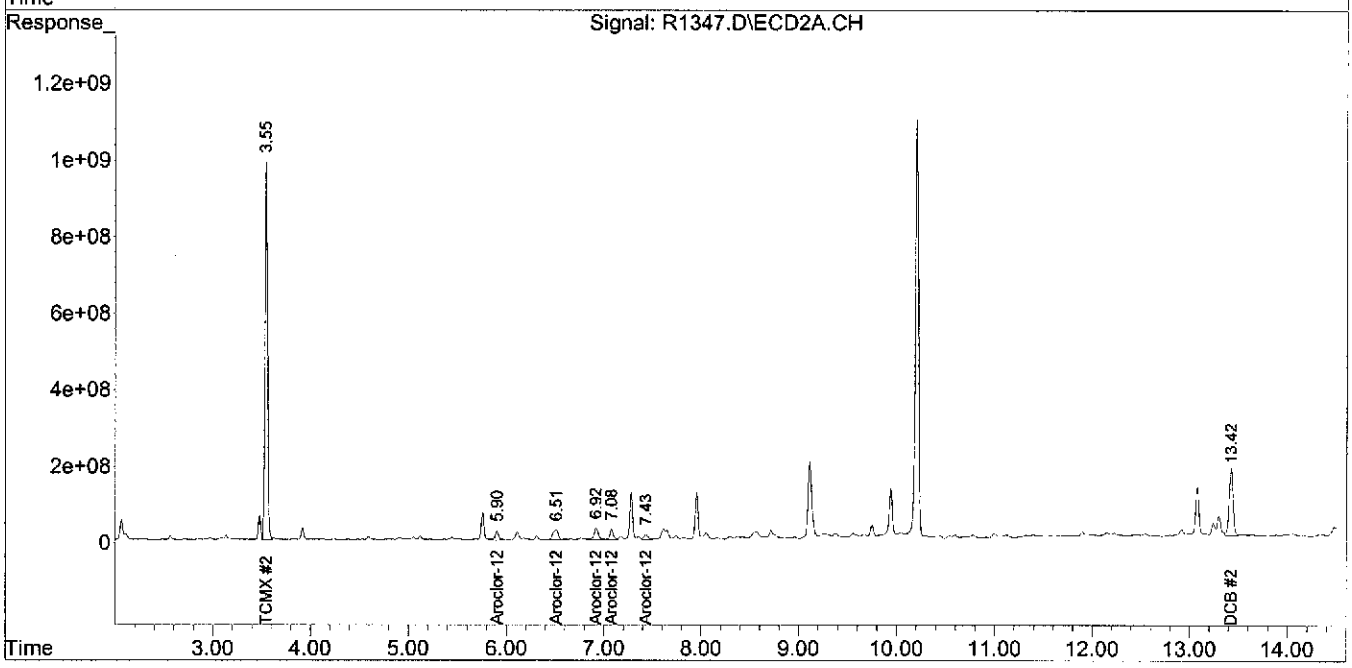
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1347.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Jul 2012 21:51
Operator : YG
Sample : II-33_(4.0,06583-009,S,5.22g,22.4,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,1
ALS Vial : 11 Sample Multiplier: 1

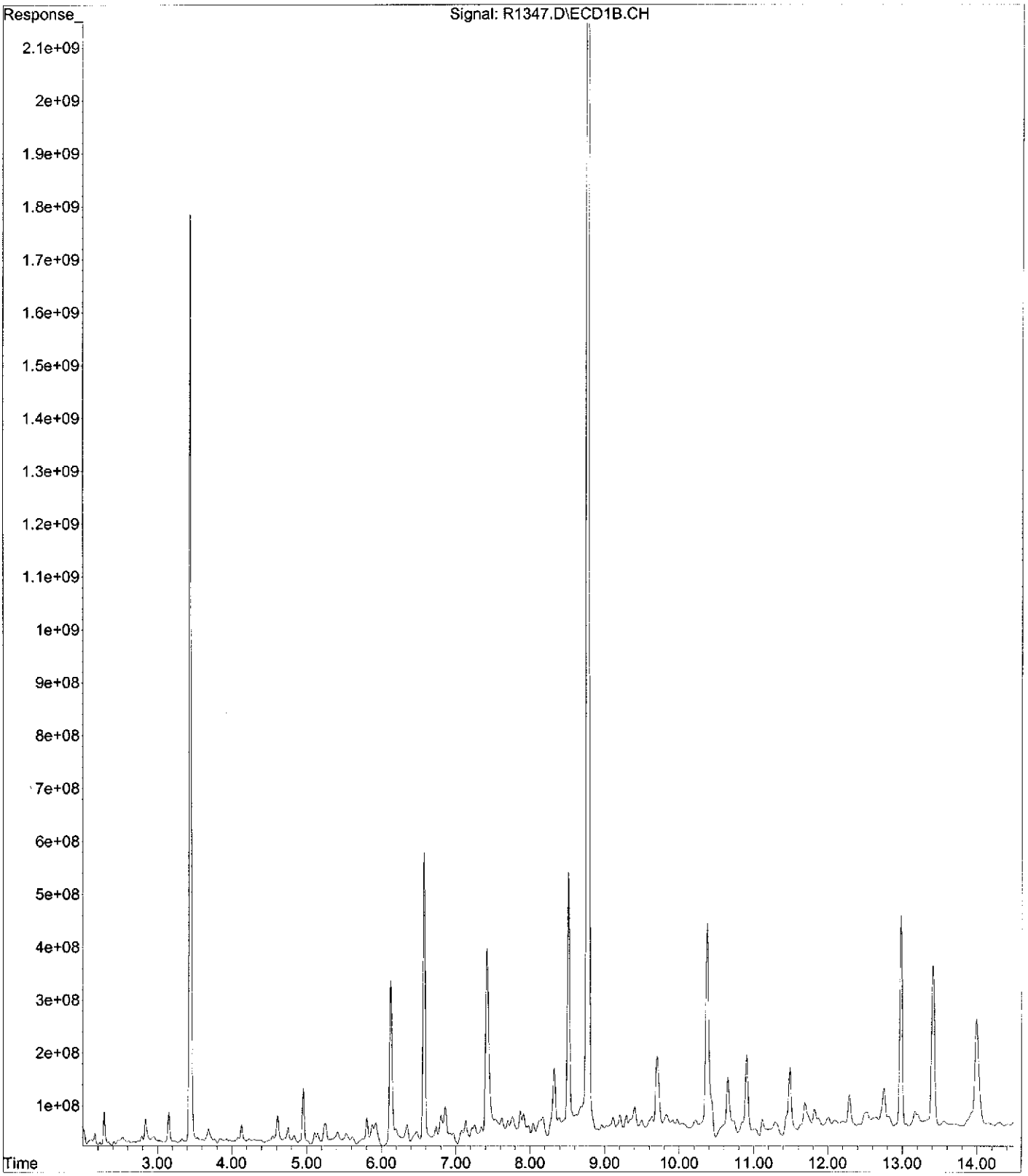
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:29:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





File :C:\MSDChem\1\DATA\07-09-12\R1347.D
Operator : YG
Acquired : 09 Jul 2012 21:51 using AcqMethod RPCB0709.M
Instrument : GC_R
Sample Name: II-33_(4.0,06583-009,S,5.22g,22.4,07/05/12,4
Misc Info : 120705-03,07/02/12,07/02/12,1
Vial Number: 11



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-11-12\
Data File : R1459.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Jul 2012 9:56
Operator : YG
Sample : HH-33_(0-2,06583-010,S,5.69g,37.1,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,10
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:42:18 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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	3.44	3.54	3757.7E6	1996.4E6	23.531	22.280
Spiked Amount 200.000			Recovery	=	11.77%	11.14%
2) S DCB	12.97	13.42	1130.0E6	508.2E6	19.377m	20.695m
Spiked Amount 200.000			Recovery	=	9.69%	10.35%
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
23) L6 Aroclor-1248	5.25	5.90	4321.5E6	2234.0E6	549.987	583.161
24) L6 Aroclor-1248 {2}	5.80	6.51	2071.9E6	3635.0E6	471.733	1131.300 #
25) L6 Aroclor-1248 {3}	6.14	6.92	1940.5E6	1803.7E6	448.365	444.524
26) L6 Aroclor-1248 {4}	6.85	7.07	2955.7E6	1471.0E6	341.597	428.117 #
27) L6 Aroclor-1248 {5}	7.13	7.43	1980.5E6	654.8E6	276.967	337.014
Sum Aroclor-1248			13270.1E6	9798.5E6	2088.649	2924.117
Average Aroclor-1248					417.730	584.823
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.16	8.97	1132.8E6	453.0E6	95.578	126.434 #
34) L8 Aroclor-1260 {2}	9.84	9.38	443.5E6	296.4E6	61.580	73.736
35) L8 Aroclor-1260 {3}	10.32	10.59	1783.4E6	277.0E6	85.370	91.248
36) L8 Aroclor-1260 {4}	10.81	11.10	609.4E6	531.0E6	69.168	90.067 #
37) L8 Aroclor-1260 {5}	11.87	11.69	575.9E6	403.7E6	137.147	86.032 #
Sum Aroclor-1260			4545.0E6	1961.1E6	448.843	467.517
Average Aroclor-1260					89.769	93.503
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\07-11-12\
Data File : R1459.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Jul 2012 9:56
Operator : YG
Sample : HH-33_(0-2,06583-010,S,5.69g,37.1,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,10
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:42:18 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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

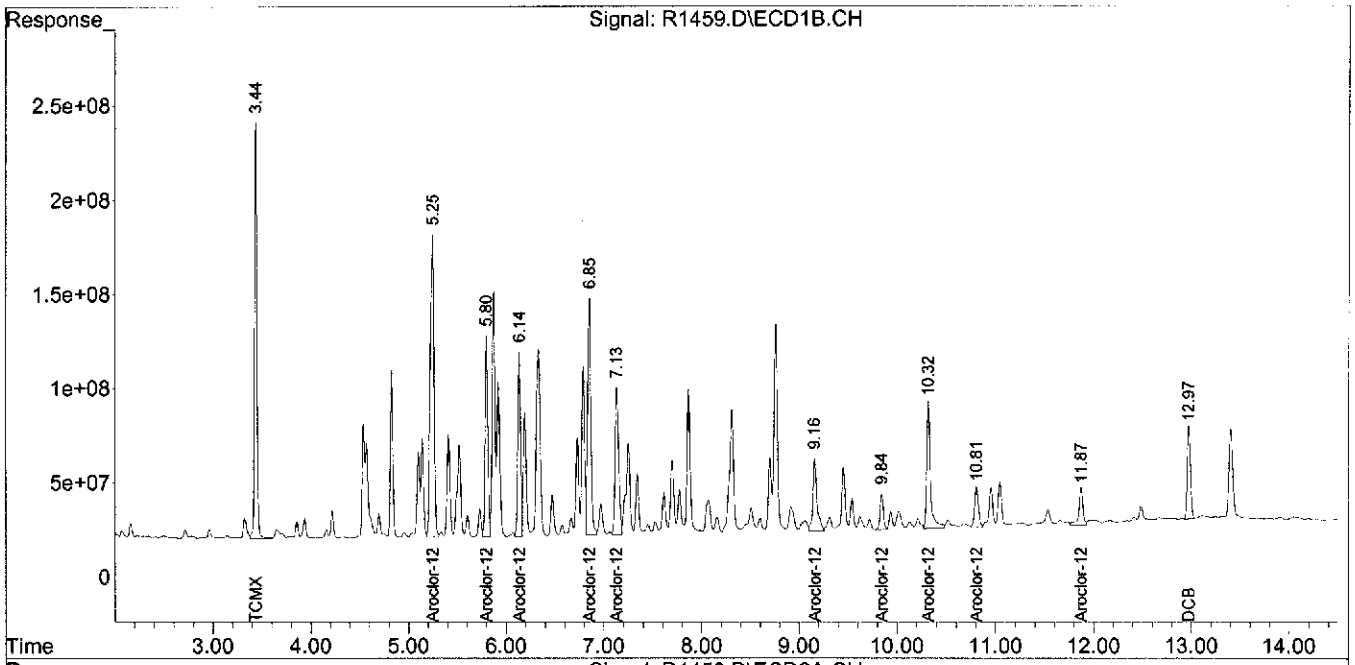
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

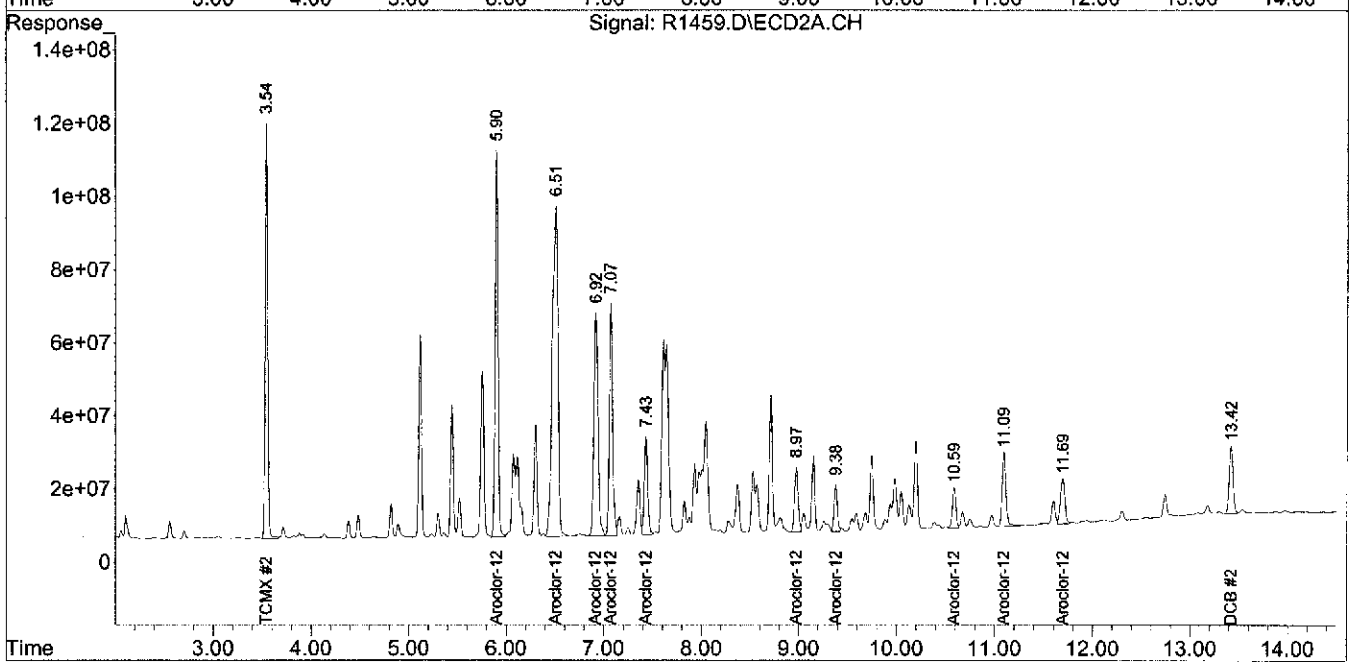
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-11-12\
Data File : R1459.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Jul 2012 9:56
Operator : YG
Sample : HH-33_(0-2,06583-010,S,5.69g,37.1,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,10
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:42:18 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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\07-11-12\
Data File : R1460.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Jul 2012 10:14
Operator : YG
Sample : HH-33_(2.0,06583-011,S,5.54g,64.0,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,1
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:44:46 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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	3.44	3.54	34133.0E6	19366.7E6	213.748	216.130
Spiked Amount 200.000			Recovery	=	106.87%	108.06%
2) S DCB	12.98	13.42	15994.9E6	5737.1E6	274.273	233.614
Spiked Amount 200.000			Recovery	=	137.14%	116.81%
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	5.25	5.90	5174.3E6	2517.7E6	658.531	657.197
24) L6 Aroclor-1248 {2}	5.80	6.51	2309.8E6	3502.5E6	525.888	1090.051 #
25) L6 Aroclor-1248 {3}	6.14	6.92	3269.9E6	1765.8E6	755.551	435.198 #
26) L6 Aroclor-1248 {4}	6.85	7.07	2645.7E6	1416.2E6	305.761	412.185 #
27) L6 Aroclor-1248 {5}	7.13	7.43	2429.0E6	591.0E6	339.690	304.153
Sum Aroclor-1248			15828.7E6	9793.2E6	2585.421	2898.784
Average Aroclor-1248					517.084	579.757
28) L7 Aroclor-1254	7.25	7.93	1142.8E6	701.4E6	116.254m	213.241m#
29) L7 Aroclor-1254 {2}	7.70	8.53	813.0E6	625.5E6	134.723m	237.804 #
30) L7 Aroclor-1254 {3}	7.87	9.15	1443.5E6	449.7E6	127.843m	127.990
31) L7 Aroclor-1254 {4}	8.31	9.38	1723.7E6	252.9E6	120.201m	130.208
32) L7 Aroclor-1254 {5}	9.16	9.98	659.9E6	368.7E6	57.064m	84.043 #
Sum Aroclor-1254			5782.9E6	2398.1E6	556.085	793.286
Average Aroclor-1254					111.217	158.657
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\07-11-12\
Data File : R1460.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Jul 2012 10:14
Operator : YG
Sample : HH-33_(2.0,06583-011,S,5.54g,64.0,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,1
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:44:46 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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

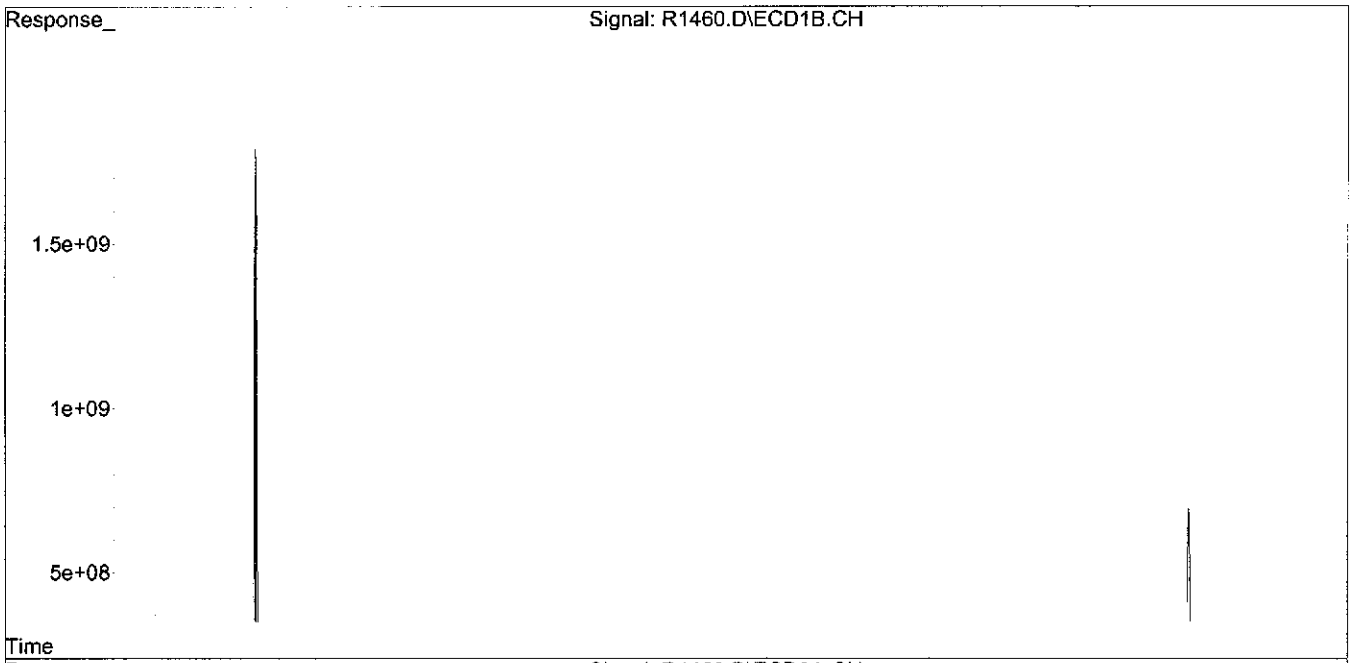
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

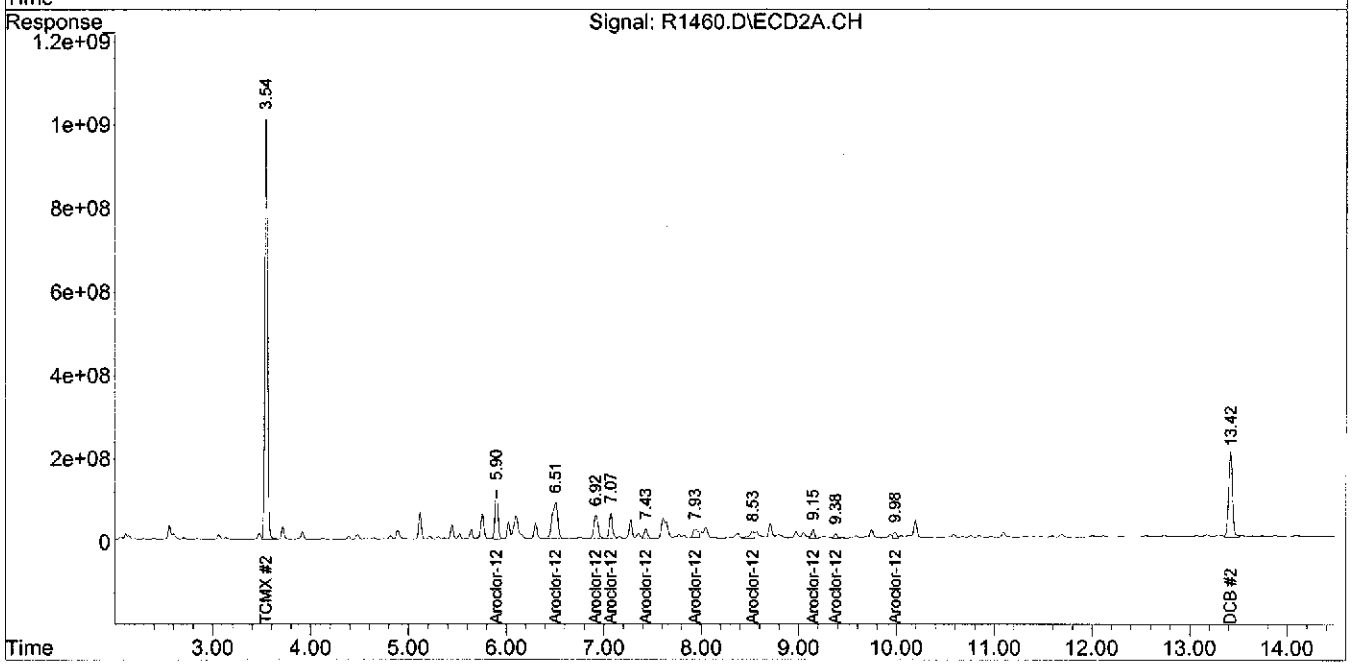
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-11-12\
Data File : R1460.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Jul 2012 10:14
Operator : YG
Sample : HH-33_(2.0,06583-011,S,5.54g,64.0,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,1
ALS Vial : 3 Sample Multiplier: 1

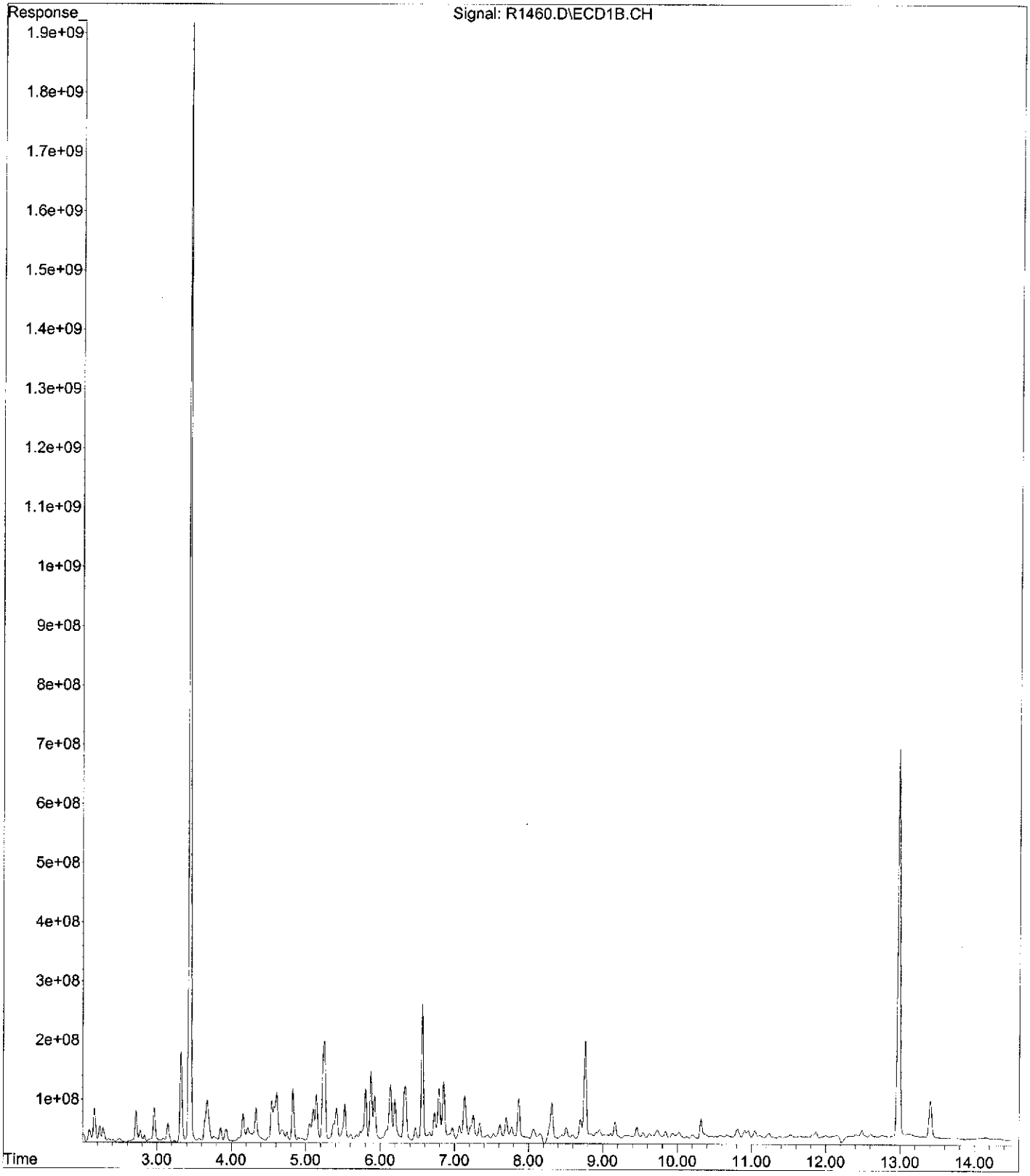
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:44:46 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





File :C:\MSDChem\1\DATA\07-11-12\R1460.D
Operator : YG
Acquired : 11 Jul 2012 10:14 using AcqMethod RPCB0709.M
Instrument : GC_R
Sample Name: HH-33_(2.0,06583-011,S,5.54g,64.0,07/05/12,4
Misc Info : 120705-03,07/02/12,07/02/12,1
Vial Number: 3



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1350.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Jul 2012 22:43
Operator : YG
Sample : HH-33_(4.0,06583-012,S,5.50g,21.1,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,1
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:30:47 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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	3.44	3.55	34211.4E6	16769.9E6	214.239	187.151
Spiked Amount 200.000			Recovery	=	107.12%	93.58%
2) S DCB	12.98	13.42	11526.6E6	4106.4E6	197.653	167.211
Spiked Amount 200.000			Recovery	=	98.83%	83.61%
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	5.25	5.90	61393253	34796514	7.813	9.083
24) L6 Aroclor-1248 {2}	5.81	6.51	29601917	20342612	6.740	6.331m
25) L6 Aroclor-1248 {3}	6.14	6.92	45491476	37802648	10.511m	9.317
26) L6 Aroclor-1248 {4}	6.86	7.07	46379752	30032425	5.360m	8.741 #
27) L6 Aroclor-1248 {5}	7.14	7.43	44703802	14830287	6.252m	7.633
Sum Aroclor-1248			227.6E6	137.8E6	36.676	41.104
Average Aroclor-1248					7.335	8.221
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

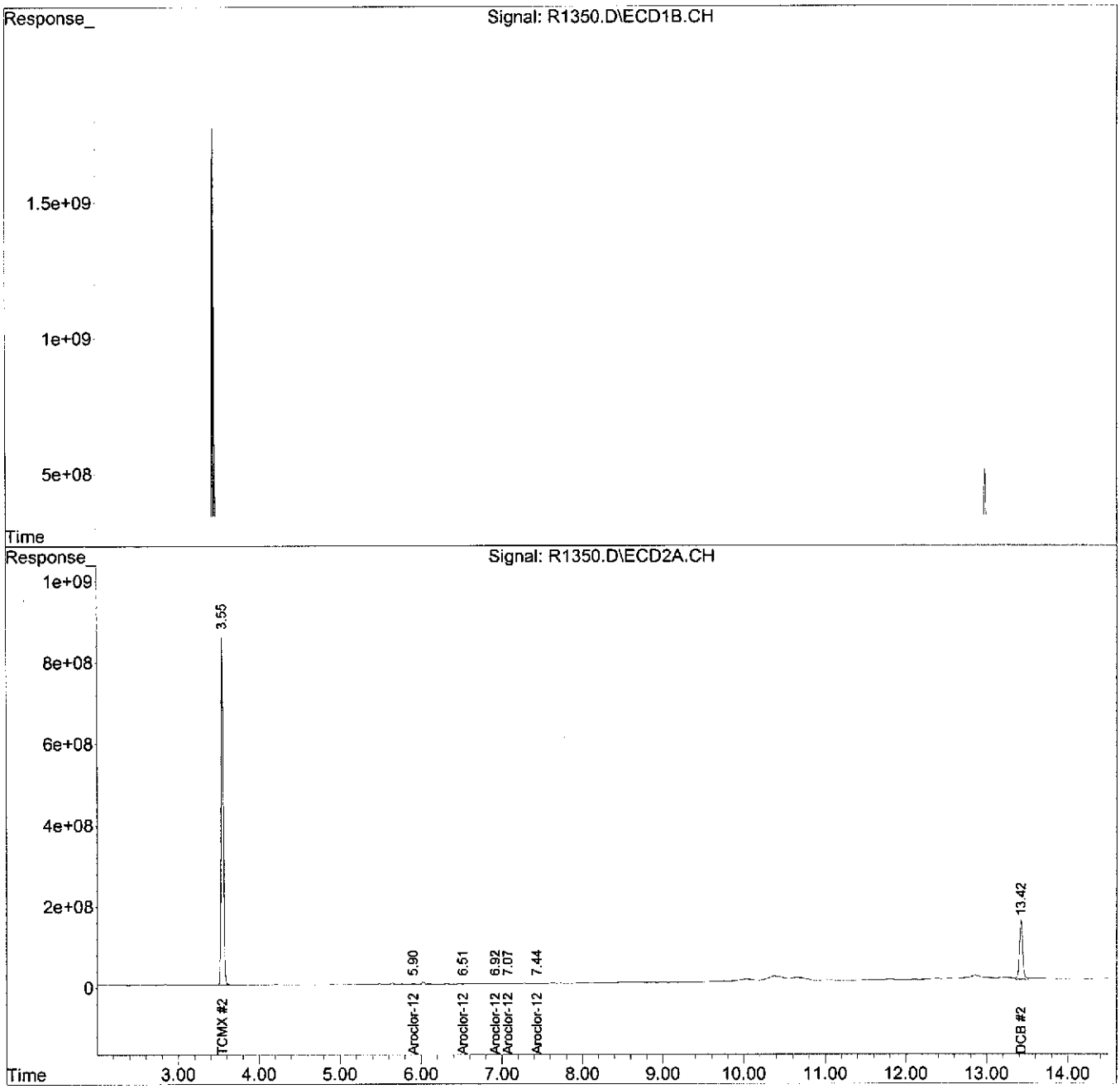
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

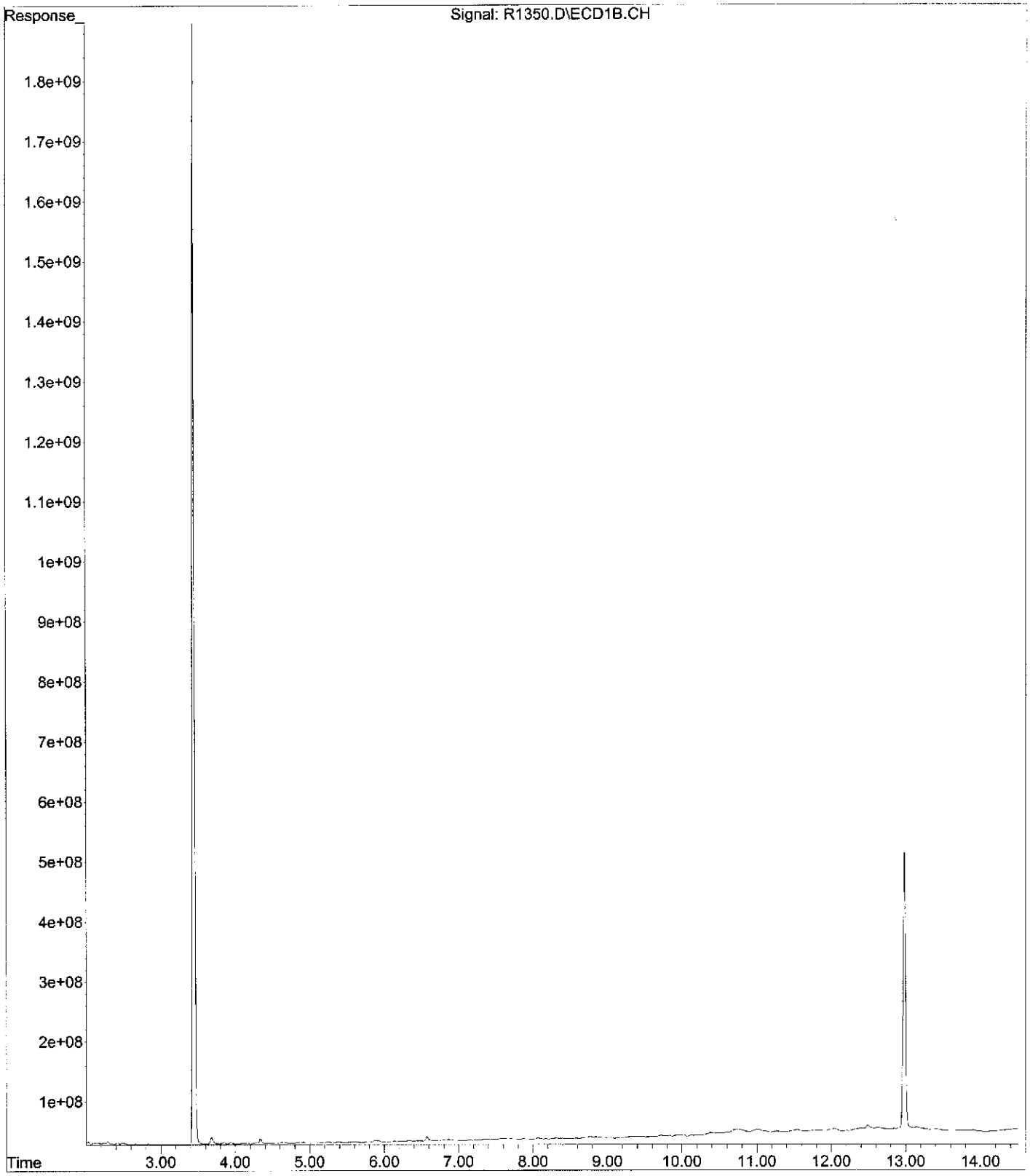
Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1350.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Jul 2012 22:43
Operator : YG
Sample : HH-33_(4.0,06583-012,S,5.50g,21.1,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,1
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:30:47 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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\07-09-12\R1350.D
Operator : YG
Acquired : 09 Jul 2012 22:43 using AcqMethod RPCB0709.M
Instrument : GC_R
Sample Name: HH-33 (4.0,06583-012,S,5.50g,21.1,07/05/12,4
Misc Info : 120705-03,07/02/12,07/02/12,1
Vial Number: 14



Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1351.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Jul 2012 23:00
Operator : YG
Sample : GG-33_(0-2,06583-013,S,5.68g,16.1,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,1000
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:31:29 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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	5.26	5.91	4282.9E6	2181.4E6	545.073	569.410
24) L6 Aroclor-1248 {2}	5.81	6.51	1693.0E6	2603.0E6	385.461	810.106 #
25) L6 Aroclor-1248 {3}	6.14	6.92	2413.4E6	1986.1E6	557.647	489.481
26) L6 Aroclor-1248 {4}	6.86	7.08	4511.6E6	1734.4E6	521.405	504.772
27) L6 Aroclor-1248 {5}	7.14	7.43	3584.6E6	975.4E6	501.286	502.022
Sum Aroclor-1248			16485.4E6	9480.2E6	2510.872	2875.792
Average Aroclor-1248					502.174	575.158
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

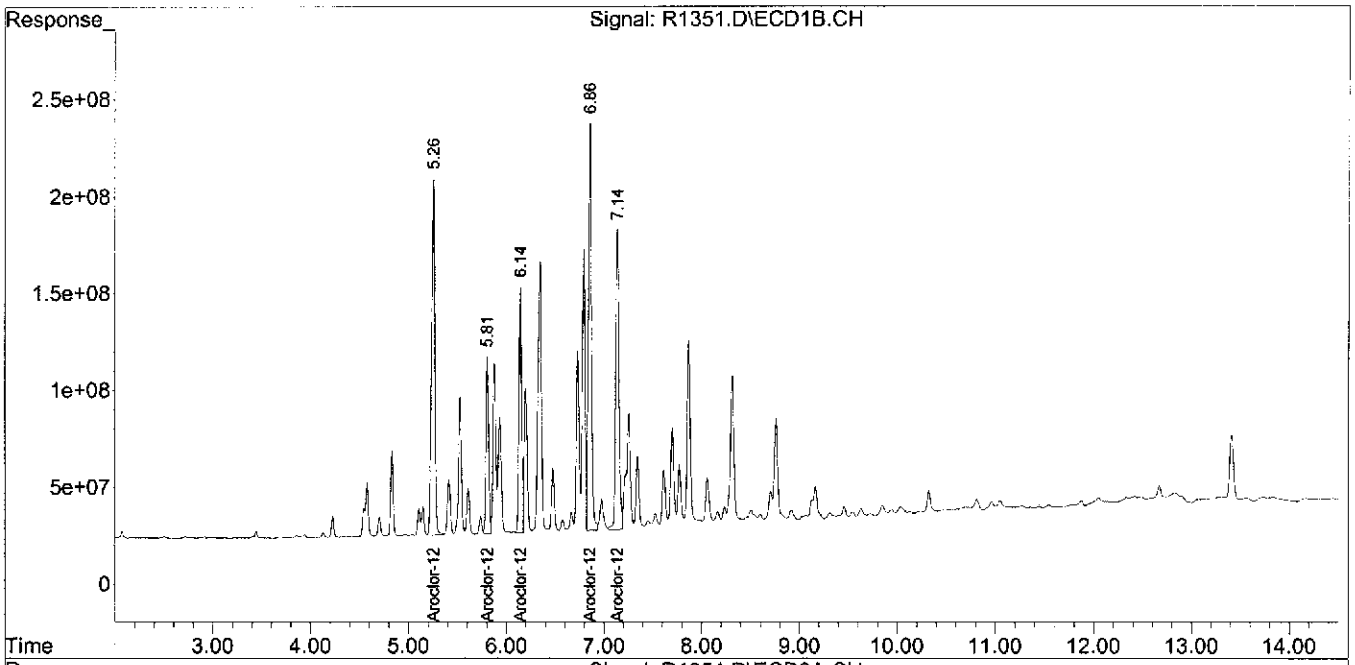
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

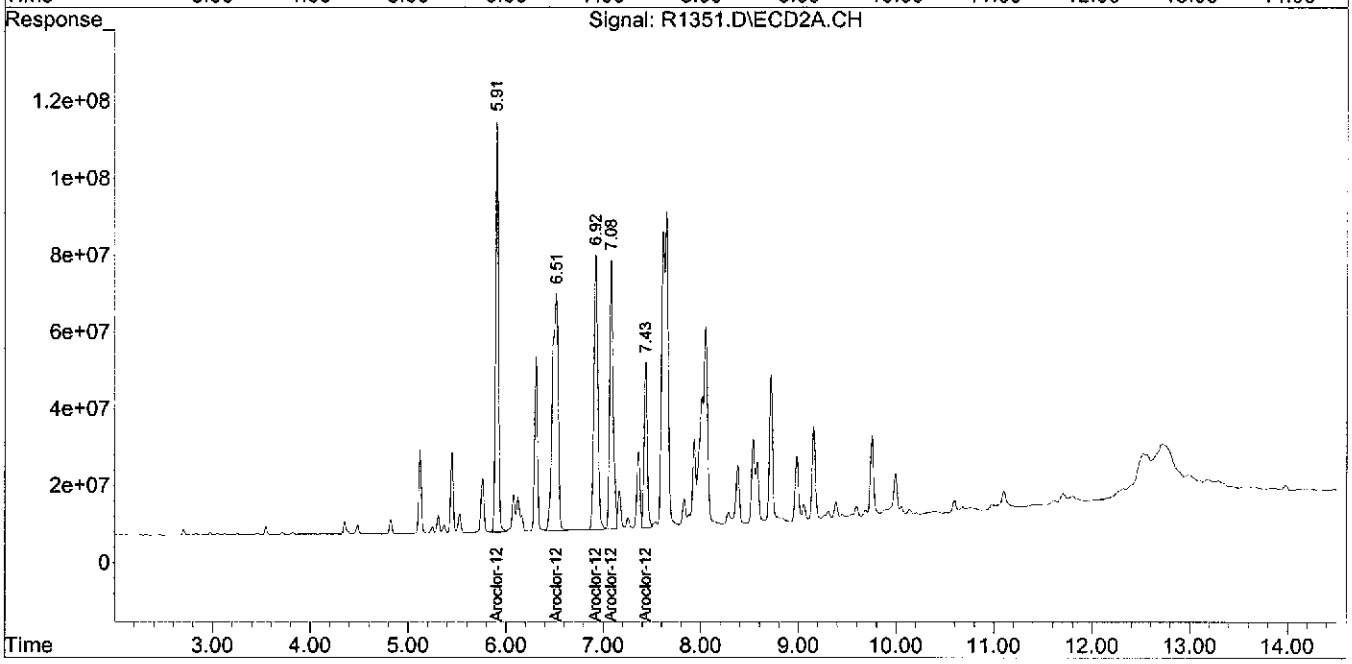
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1351.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Jul 2012 23:00
Operator : YG
Sample : GG-33_(0-2,06583-013,S,5.68g,16.1,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,1000
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:31:29 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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\07-10-12\
Data File : R1419.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 20:52
Operator : YG
Sample : GG-33_(2.0,06583-014,S,5.53g,20.7,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,1
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:39:25 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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	3.44	3.54	34901.2E6	17951.6E6	218.559	200.338
Spiked Amount 200.000			Recovery	=	109.28%	100.17%
2) S DCB	12.98	13.42	13977.9E6	4726.0E6	239.685	192.442
Spiked Amount 200.000			Recovery	=	119.84%	96.22%
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	5.25	5.90	443.1E6	260.9E6	56.397	68.102
24) L6 Aroclor-1248 {2}	5.80	6.51	463.6E6	739.9E6	105.549	230.282 #
25) L6 Aroclor-1248 {3}	6.14	6.91	677.7E6	595.3E6	156.584	146.711
26) L6 Aroclor-1248 {4}	6.85	7.07	1491.8E6	534.1E6	172.412	155.440
27) L6 Aroclor-1248 {5}	7.14	7.43	1172.4E6	335.7E6	163.961	172.789
Sum Aroclor-1248			4248.7E6	2465.9E6	654.903	773.324
Average Aroclor-1248					130.981	154.665
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

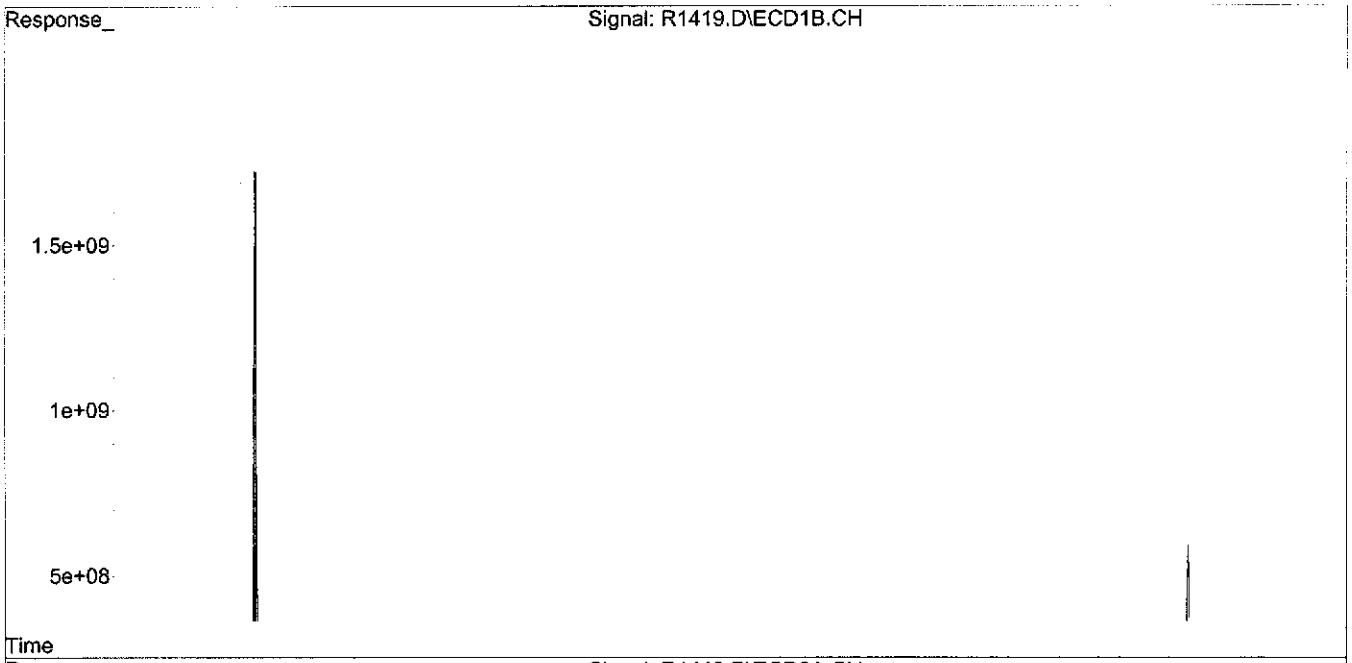
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

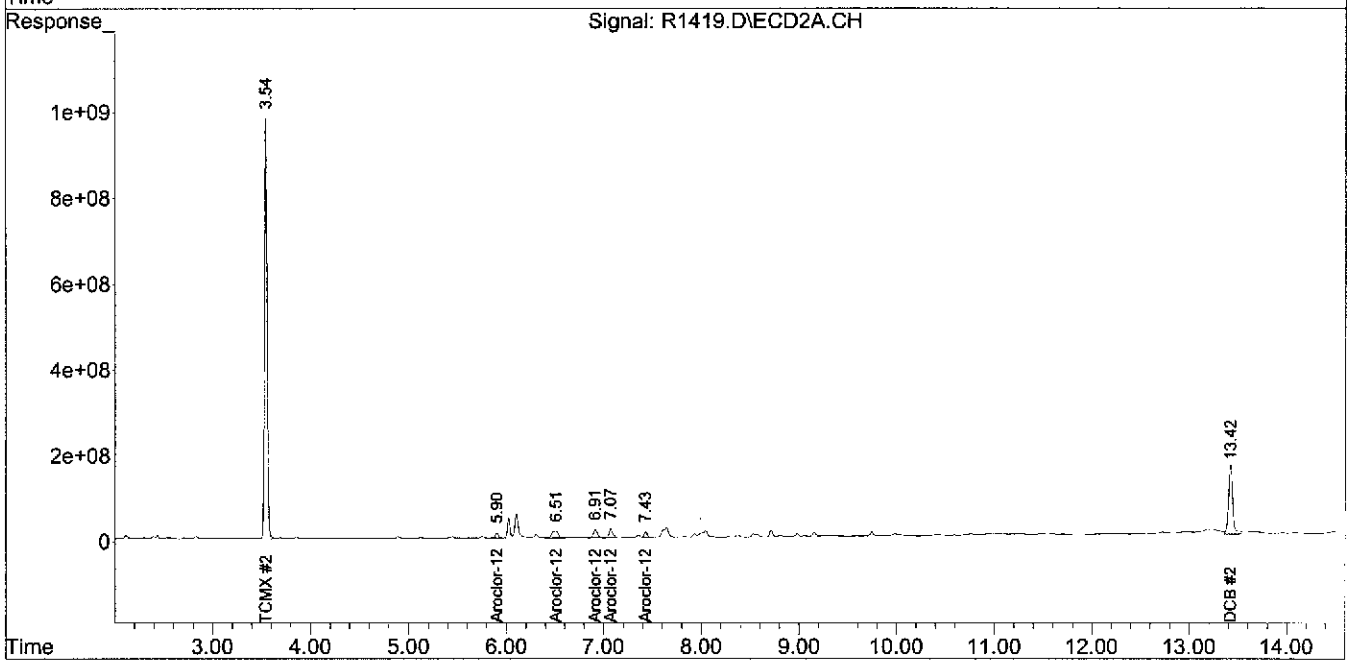
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-10-12\
Data File : R1419.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 20:52
Operator : YG
Sample : GG-33_(2.0,06583-014,S,5.53g,20.7,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,1
ALS Vial : 9 Sample Multiplier: 1

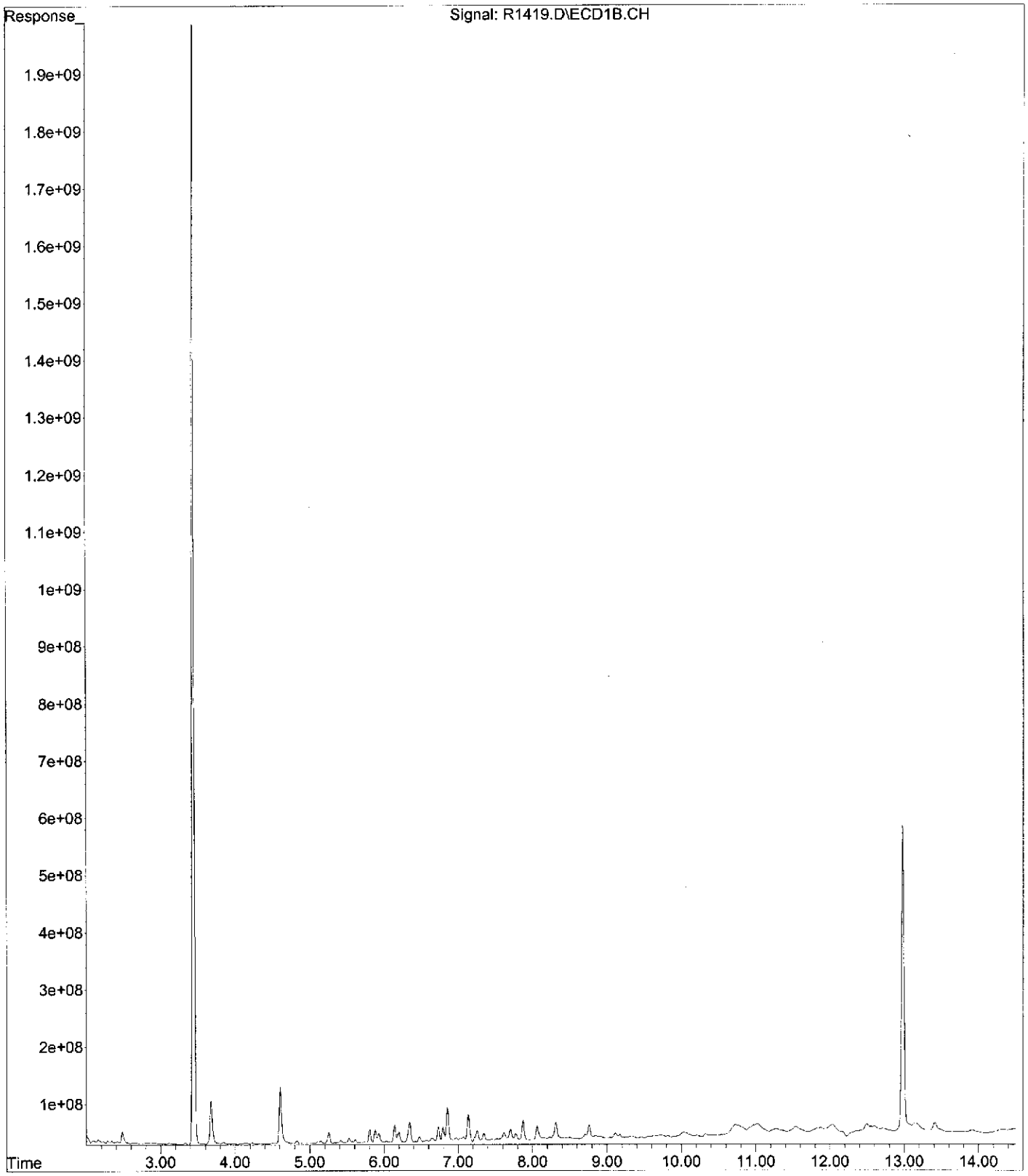
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:39:25 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





File :C:\MSDChem\1\DATA\07-10-12\R1419.D
Operator : YG
Acquired : 10 Jul 2012 20:52 using AcqMethod RPCB0709.M
Instrument : GC_R
Sample Name: GG-33_(2.0,06583-014,S,5.53g,20.7,07/05/12,4
Misc Info : 120705-03,07/02/12,07/02/12,1
Vial Number: 9



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1353.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Jul 2012 23:35
Operator : YG
Sample : GG-33_(4.0,06583-015,S,5.16g,56.3,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,1
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:32:05 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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	3.44	3.55	41040.9E6	20712.5E6	257.007	231.150
Spiked Amount 200.000			Recovery	=	128.50%	115.58%
2) S DCB	12.98	13.42	16734.5E6	5906.9E6	286.955m	240.527m
Spiked Amount 200.000			Recovery	=	143.48%	120.26%
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

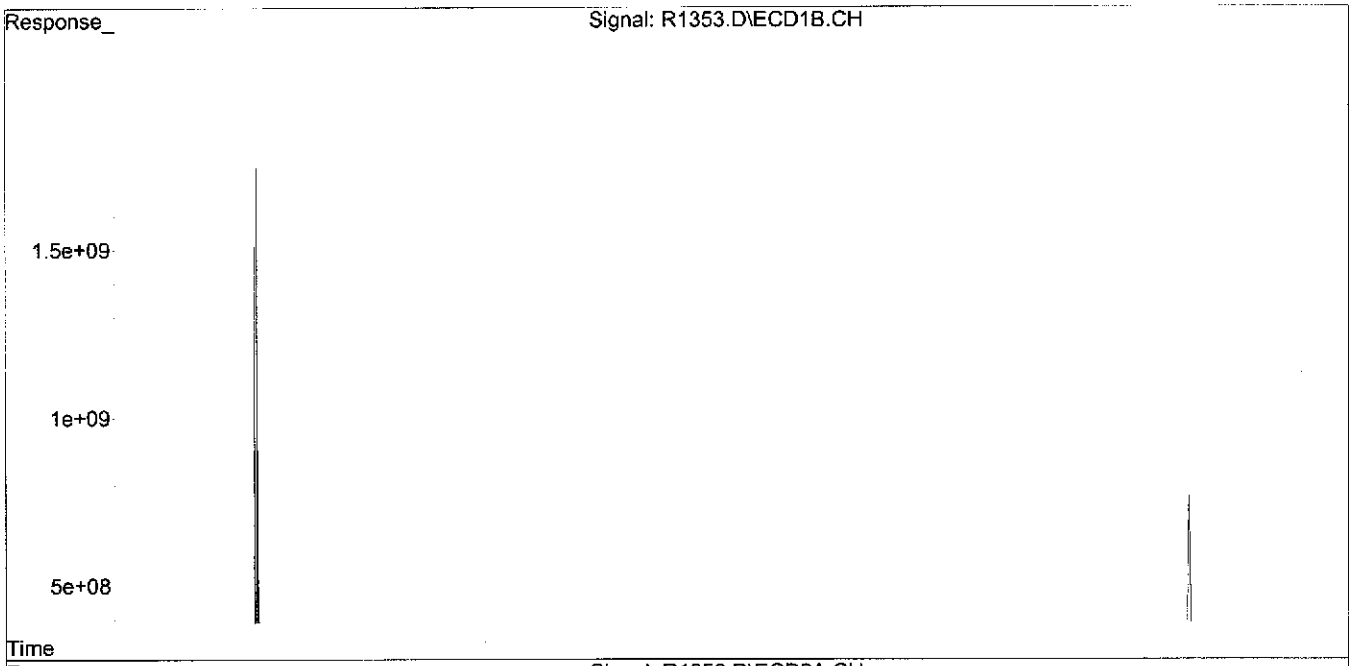
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

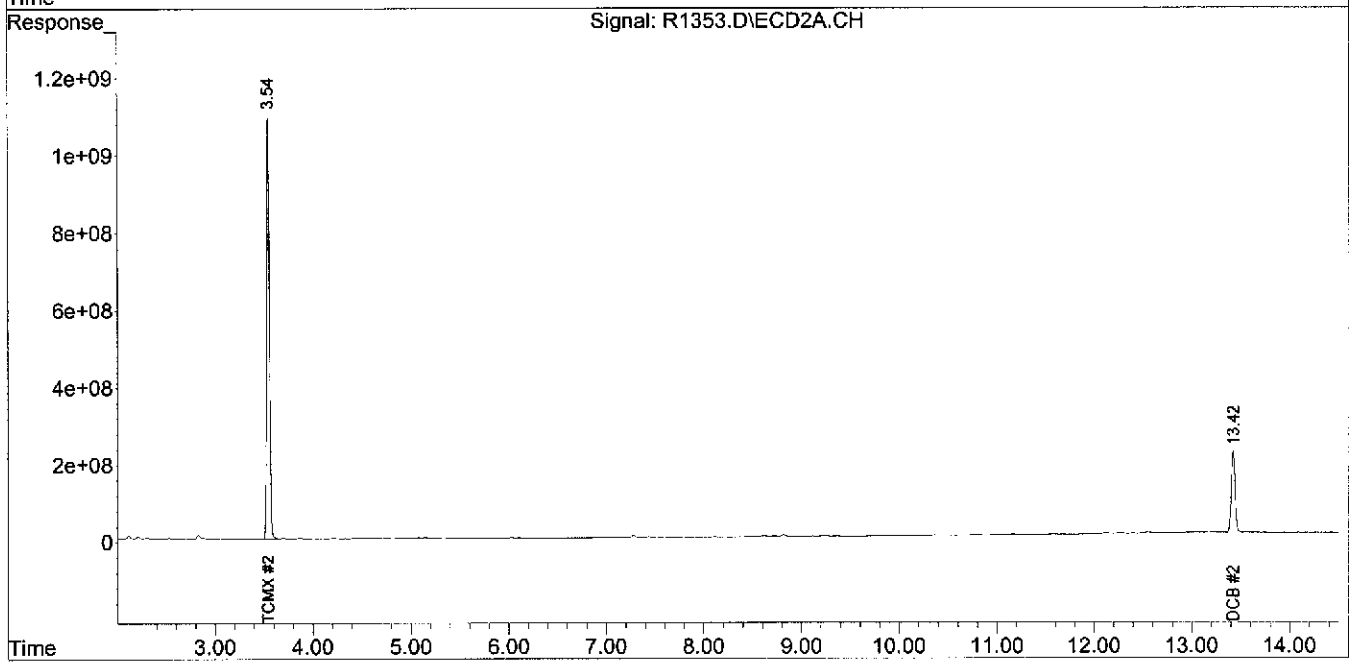
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1353.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Jul 2012 23:35
Operator : YG
Sample : GG-33_(4.0,06583-015,S,5.16g,56.3,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,1
ALS Vial : 17 Sample Multiplier: 1

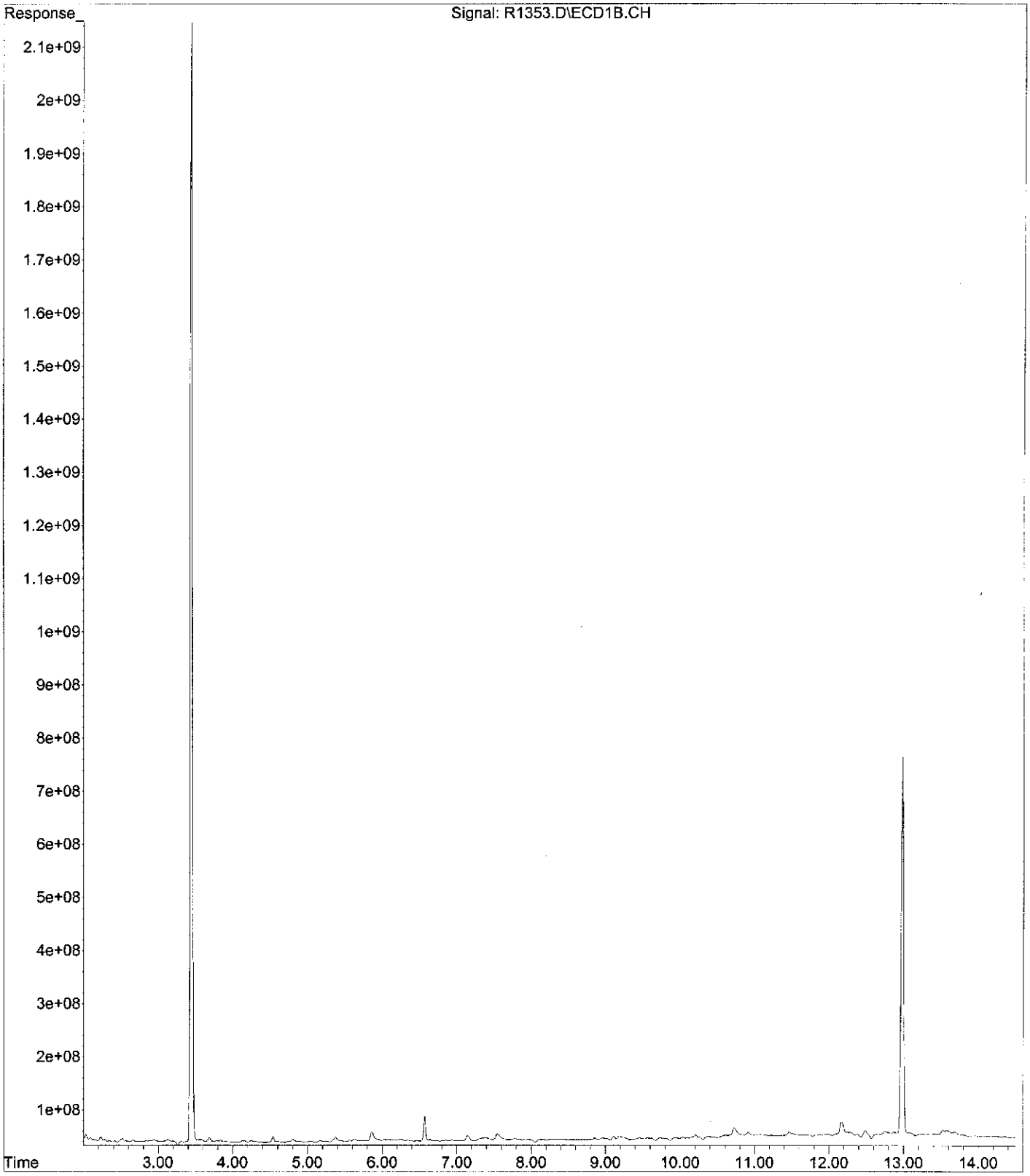
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:32:05 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





File :C:\MSDChem\1\DATA\07-09-12\R1353.D
Operator : YG
Acquired : 09 Jul 2012 23:35 using AcqMethod RPCB0709.M
Instrument : GC_R
Sample Name: GG-33_(4.0,06583-015,S,5.16g,56.3,07/05/12,4
Misc Info : 120705-03,07/02/12,07/02/12,1
Vial Number: 17



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1354.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Jul 2012 23:52
Operator : YG
Sample : GG-32_(0-2,06583-016,S,5.21g,12.5,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,10
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:33:04 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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	3.44	3.55	4556.9E6	2518.6E6	28.536	28.107
Spiked Amount 200.000			Recovery	=	14.27%	14.05%
2) S DCB	12.98	13.42	920.6E6	512.0E6	15.786m	20.847m#
Spiked Amount 200.000			Recovery	=	7.89%	10.42%
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
23) L6 Aroclor-1248	5.25	5.90	5407.9E6	2650.2E6	688.260	691.795
24) L6 Aroclor-1248 {2}	5.81	6.51	2232.6E6	2740.2E6	508.310	852.796 #
25) L6 Aroclor-1248 {3}	6.14	6.92	3437.3E6	3083.3E6	794.230	759.888
26) L6 Aroclor-1248 {4}	6.85	7.08	9584.0E6	1794.5E6	1107.626	522.262 #
27) L6 Aroclor-1248 {5}	7.14	7.43	5142.4E6	1436.7E6	719.149	739.453
Sum Aroclor-1248			25804.2E6	11704.8E6	3817.575	3566.194
Average Aroclor-1248					763.515	713.239
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

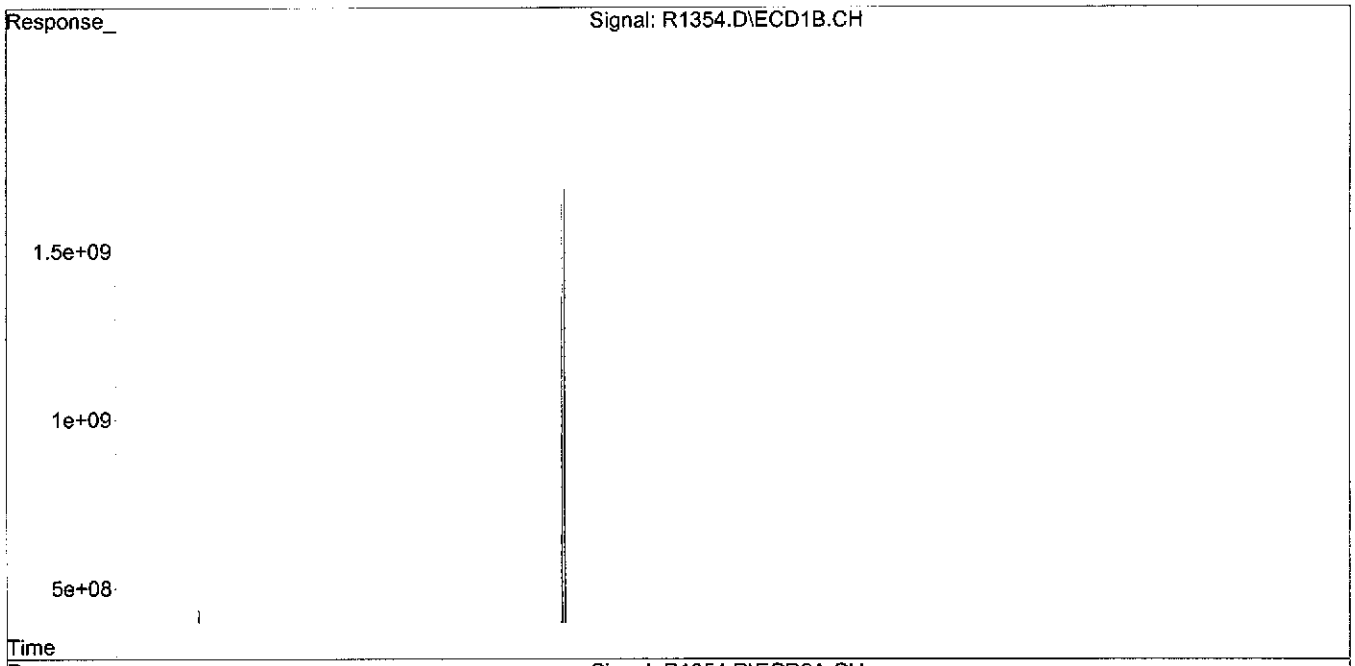
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

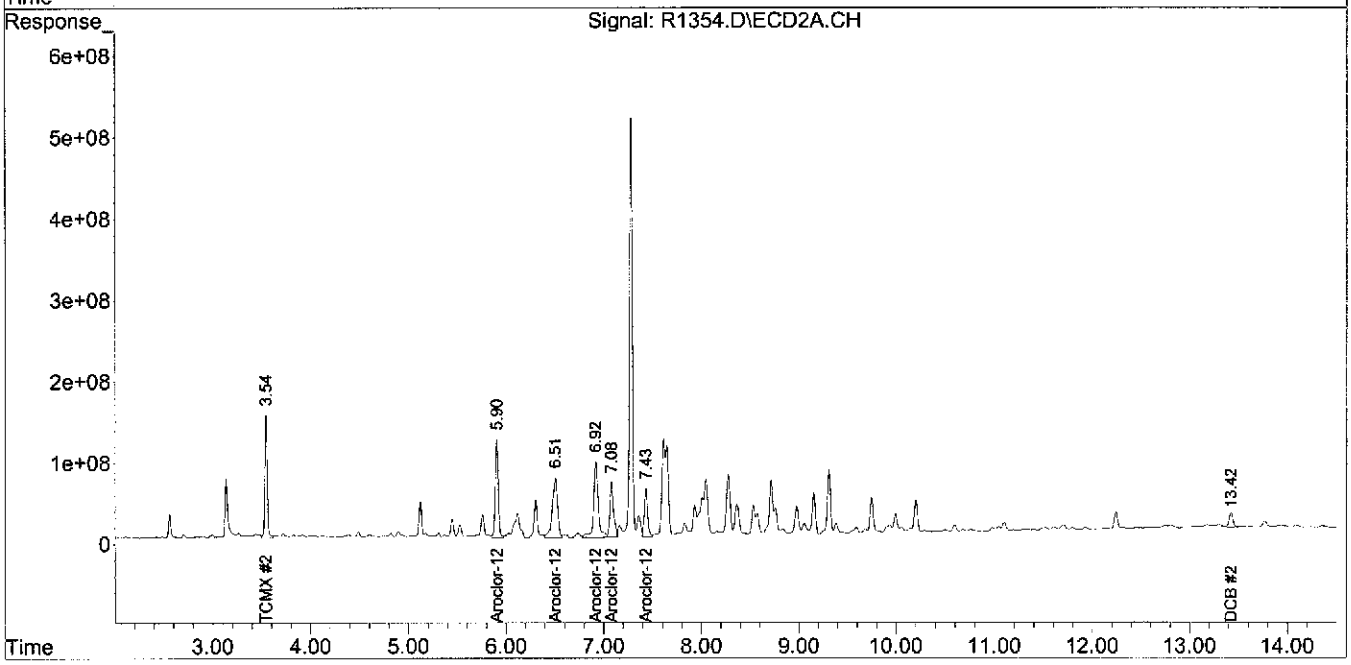
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1354.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Jul 2012 23:52
Operator : YG
Sample : GG-32_(0-2,06583-016,S,5.21g,12.5,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,10
ALS Vial : 18 Sample Multiplier: 1

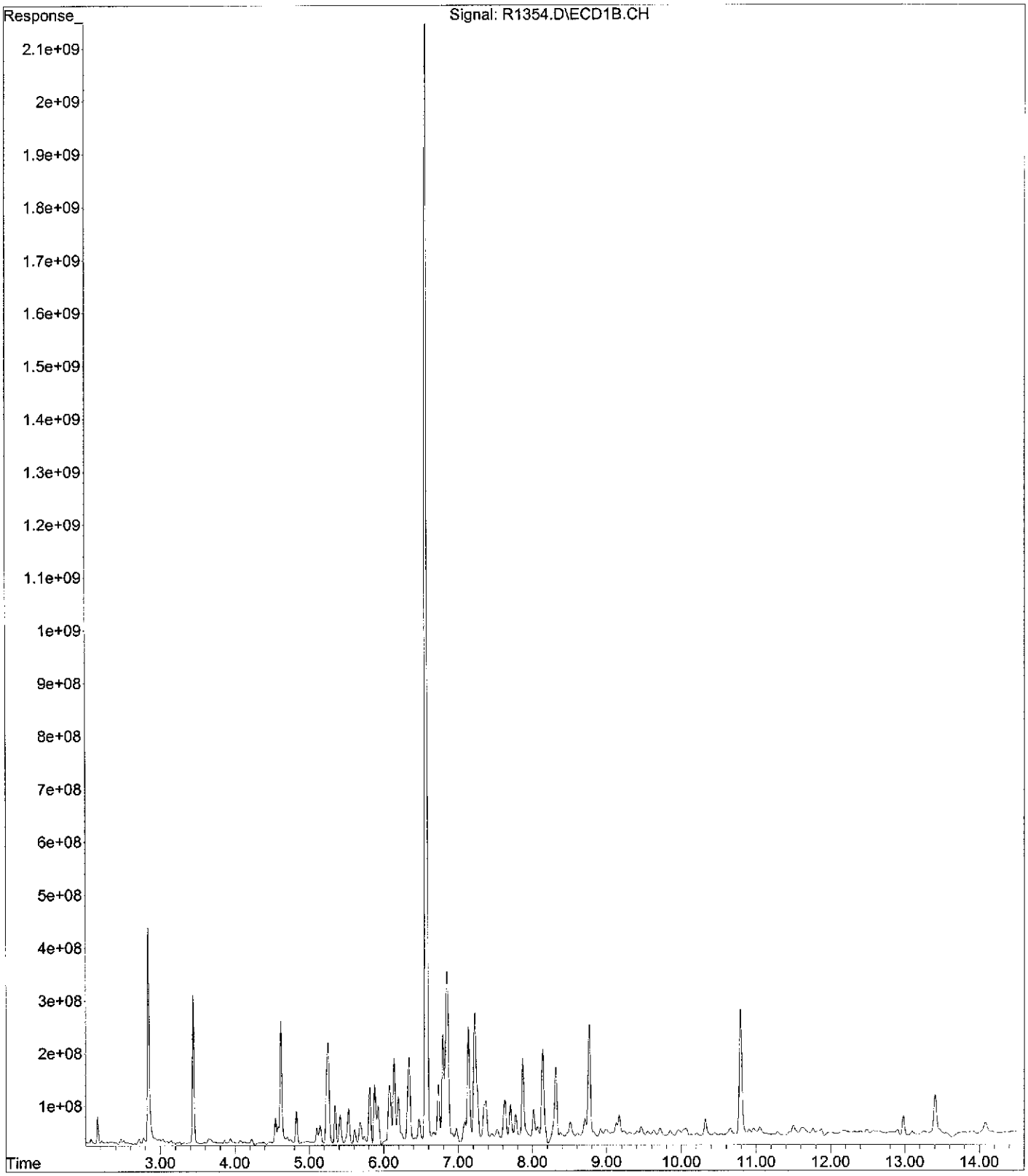
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:33:04 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





File :C:\MSDChem\1\DATA\07-09-12\R1354.D
Operator : YG
Acquired : 09 Jul 2012 23:52 using AcqMethod RPCB0709.M
Instrument : GC_R
Sample Name: GG-32_(0-2,06583-016,S,5.21g,12.5,07/05/12,4
Misc Info : 120705-03,07/02/12,07/02/12,10
Vial Number: 18



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-10-12\
Data File : R1420.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 21:09
Operator : YG
Sample : GG-32_(2.0,06583-017,S,5.36g,24.1,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,10
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:41:03 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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	3.44	3.54	4089.4E6	2354.9E6	25.609	26.280
Spiked Amount 200.000			Recovery	=	12.80%	13.14%
2) S DCB	12.98	13.42	1368.0E6	527.1E6	23.458m	21.463m
Spiked Amount 200.000			Recovery	=	11.73%	10.73%
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	5.24	5.90	2636.5E6	1371.8E6	335.540	358.098
24) L6 Aroclor-1248 {2}	5.80	6.51	693.3E6	1879.4E6	157.862	584.912 #
25) L6 Aroclor-1248 {3}	6.14	6.92	1960.8E6	1492.4E6	453.063	367.810
26) L6 Aroclor-1248 {4}	6.86	7.08	1778.2E6	869.8E6	205.513	253.159
27) L6 Aroclor-1248 {5}	7.14	7.43	1243.2E6	326.5E6	173.856	168.026
Sum Aroclor-1248			8312.1E6	5940.0E6	1325.833	1732.004
Average Aroclor-1248					265.167	346.401
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.17	8.97	955.5E6	421.7E6	80.626m	117.691m#
34) L8 Aroclor-1260 {2}	9.85	9.38	714.9E6	347.0E6	99.251m	86.326m
35) L8 Aroclor-1260 {3}	10.32	10.59	1362.0E6	296.8E6	65.200m	97.790m#
36) L8 Aroclor-1260 {4}	10.79	11.10	2479.7E6	482.9E6	281.444m	81.910m#
37) L8 Aroclor-1260 {5}	11.87	11.70	343.9E6	360.1E6	81.885m	76.747m
Sum Aroclor-1260			5856.0E6	1908.6E6	608.406	460.464
Average Aroclor-1260					121.681	92.093
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\07-10-12\
Data File : R1420.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 21:09
Operator : YG
Sample : GG-32_(2.0,06583-017,S,5.36g,24.1,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,10
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:41:03 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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

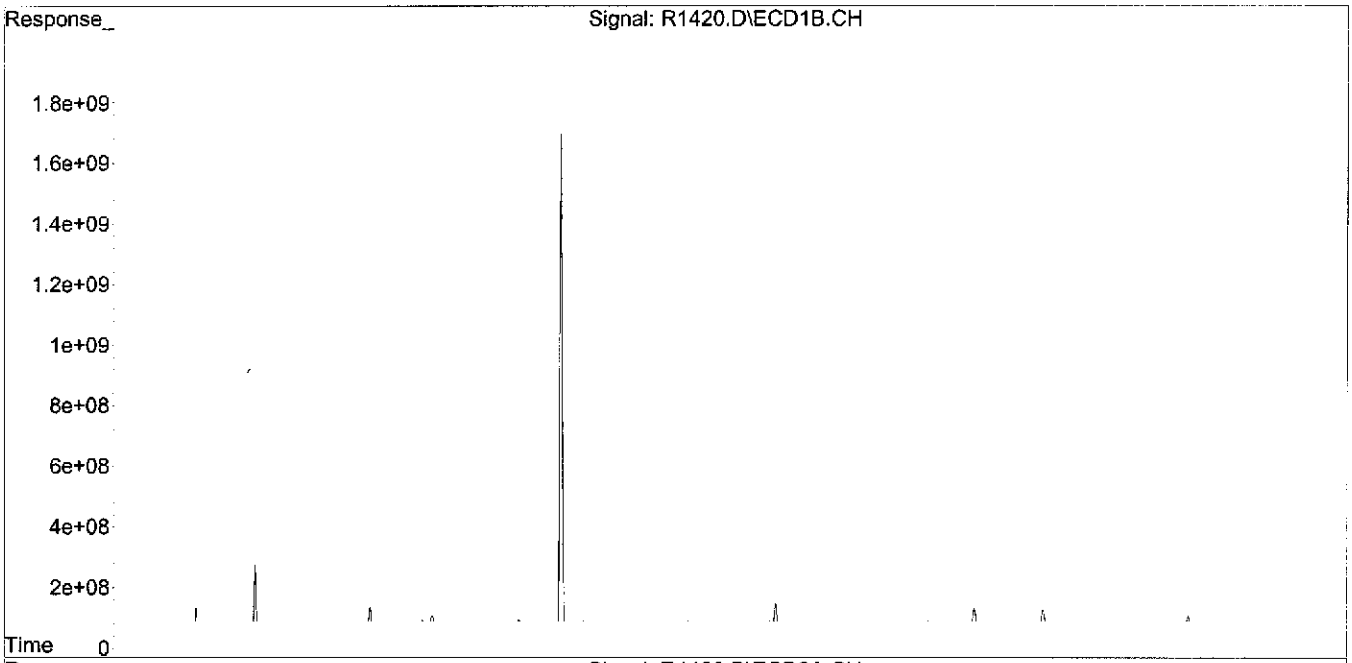
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

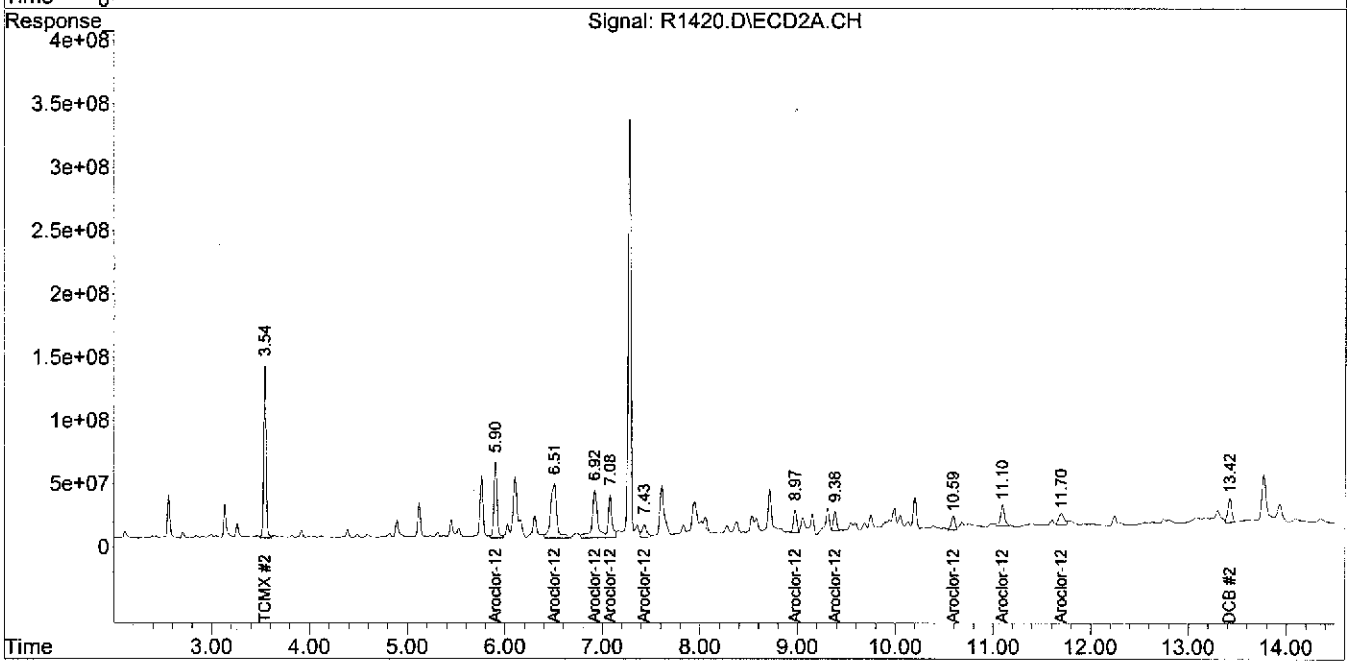
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-10-12\
Data File : R1420.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 21:09
Operator : YG
Sample : GG-32_(2.0,06583-017,S,5.36g,24.1,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,10
ALS Vial : 10 Sample Multiplier: 1

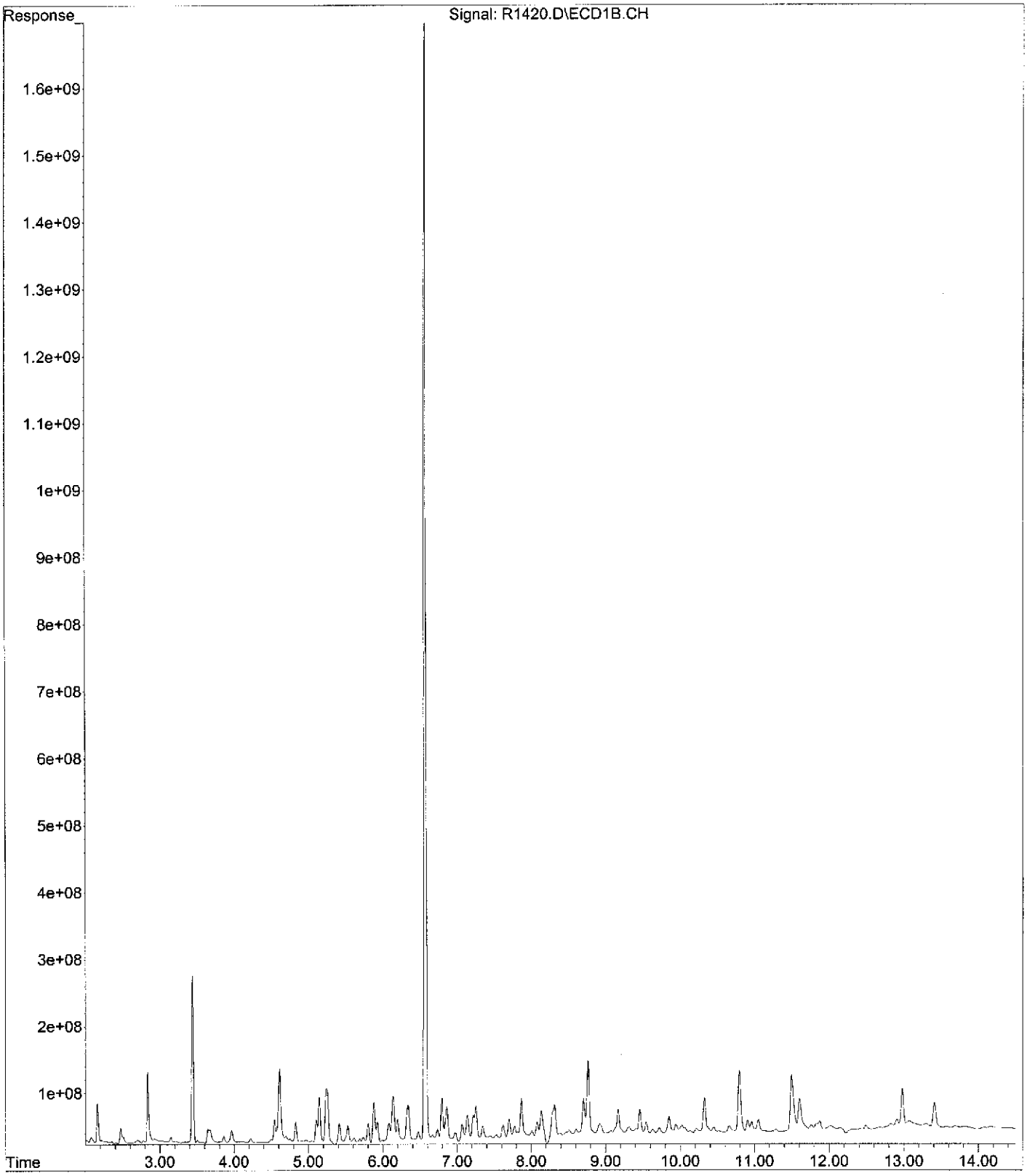
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:41:03 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





File :C:\MSDChem\1\DATA\07-10-12\R1420.D
Operator : YG
Acquired : 10 Jul 2012 21:09 using AcqMethod RPCB0709.M
Instrument : GC_R
Sample Name: GG-32_(2.0,06583-017,S,5.36g,24.1,07/05/12,4
Misc Info : 120705-03,07/02/12,07/02/12,10
Vial Number: 10



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1356.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 00:27
Operator : YG
Sample : GG-32_(4.0,06583-018,S,5.44g,21.7,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,1
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:33:35 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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	3.44	3.55	34605.6E6	17269.3E6	216.708	192.724
Spiked Amount 200.000			Recovery	=	108.35%	96.36%
2) S DCB	12.98	13.42	12663.7E6	4488.2E6	217.151m	182.761
Spiked Amount 200.000			Recovery	=	108.58%	91.38%
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

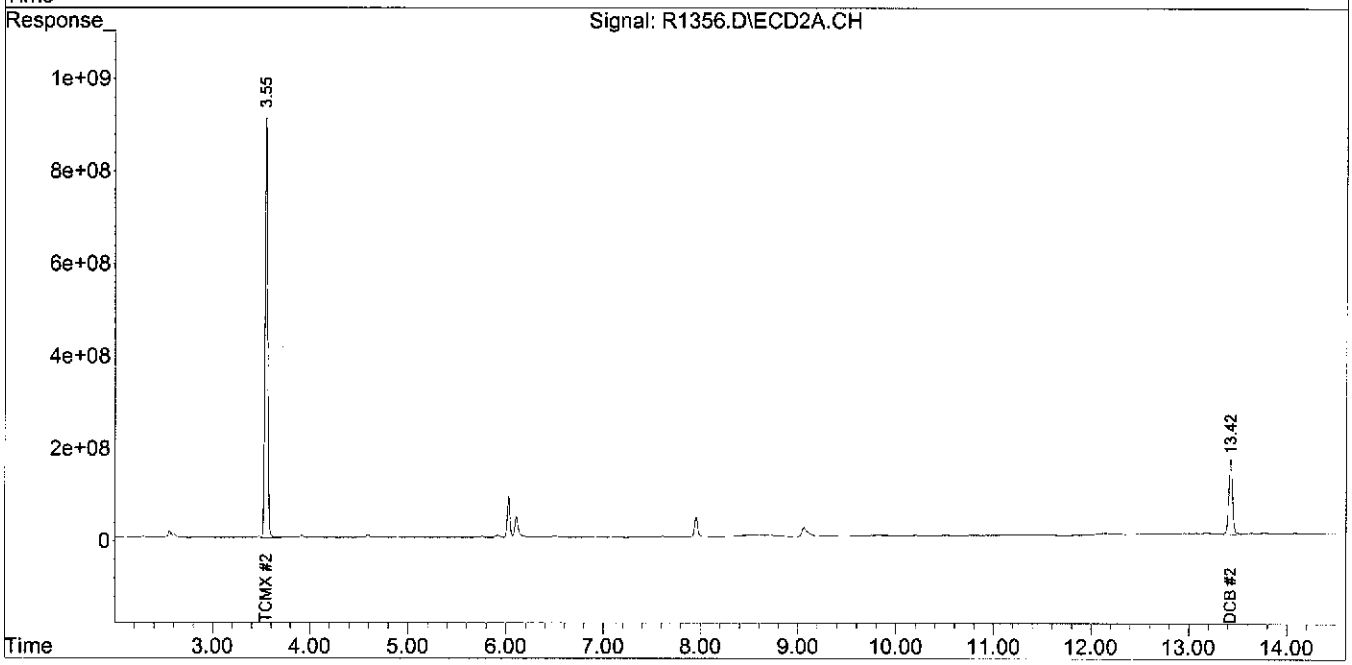
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

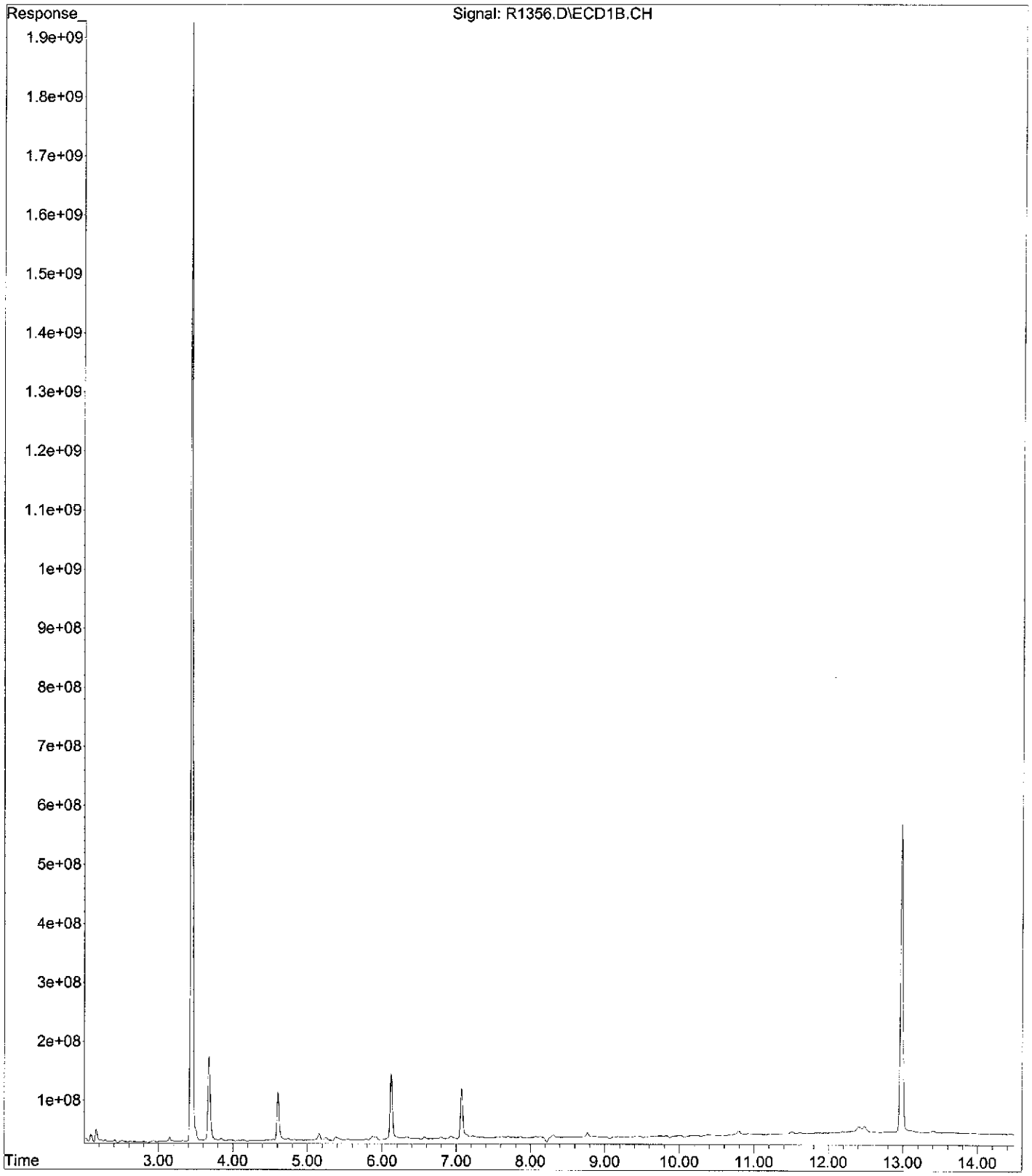
Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1356.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 00:27
Operator : YG
Sample : GG-32_(4.0,06583-018,S,5.44g,21.7,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,1
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:33:35 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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\07-09-12\R1356.D
Operator : YG
Acquired : 10 Jul 2012 00:27 using AcqMethod RPCB0709.M
Instrument : GC_R
Sample Name: GG-32_(4.0,06583-018,S,5.44g,21.7,07/05/12,4
Misc Info : 120705-03,07/02/12,07/02/12,1
Vial Number: 20



Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1357.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 00:44
Operator : YG
Sample : HH-32_(0-2,06583-019,S,5.61g,19.7,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,100
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:34:21 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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	5.25	5.90	3482.8E6	1718.1E6	443.253	448.476	
24) L6 Aroclor-1248 {2}	5.80	6.51	507.6E6	1629.3E6	115.567	507.081	#
25) L6 Aroclor-1248 {3}	6.14	6.92	1207.4E6	1376.9E6	278.974	339.355	
26) L6 Aroclor-1248 {4}	6.85	7.08	1514.5E6	889.2E6	175.037	258.782	#
27) L6 Aroclor-1248 {5}	7.14	7.43	1506.6E6	407.6E6	210.689	209.803	
Sum Aroclor-1248			8218.9E6	6021.1E6	1223.520	1763.496	
Average Aroclor-1248					244.704	352.699	
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	

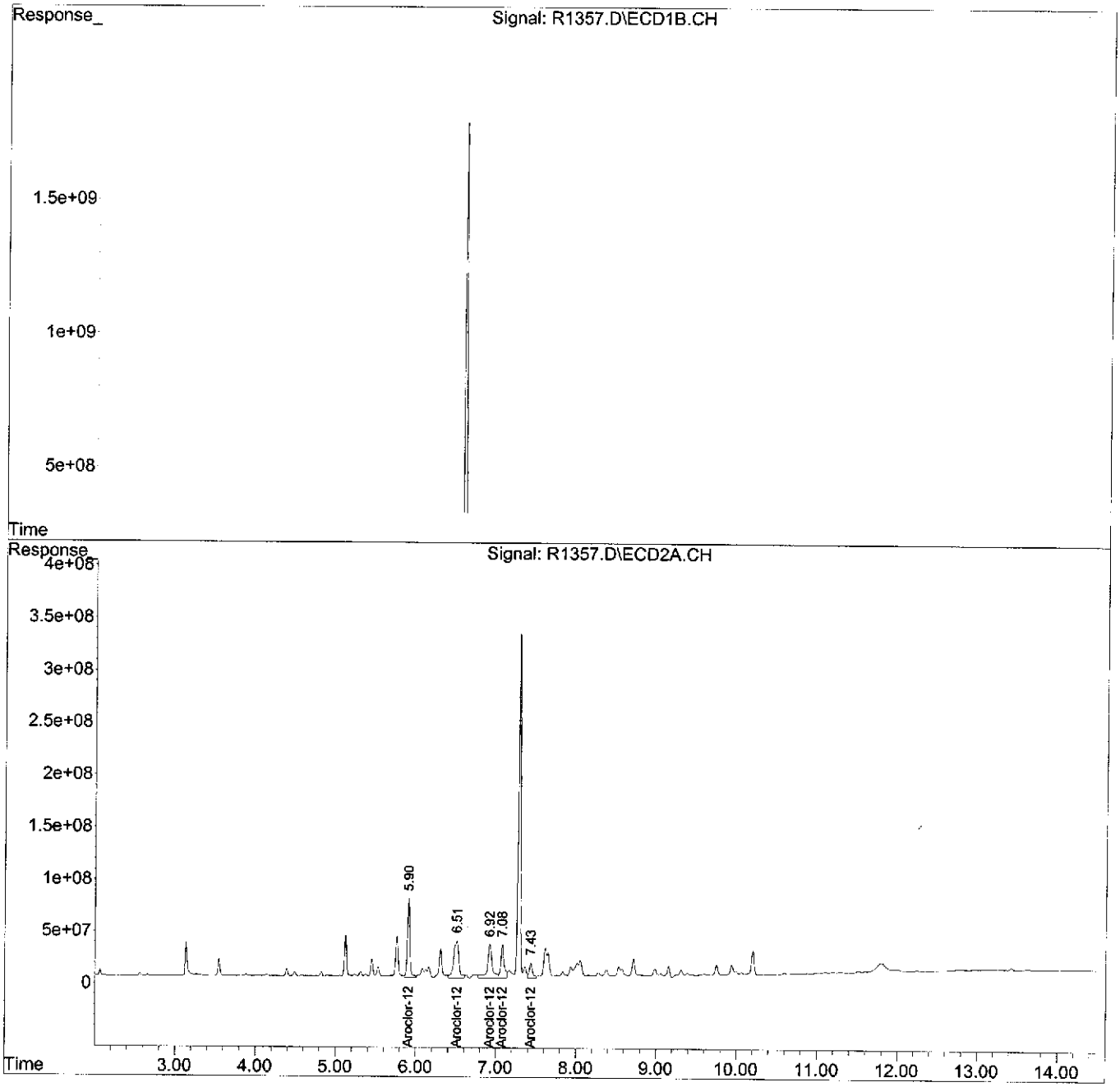
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (Not Reviewed)

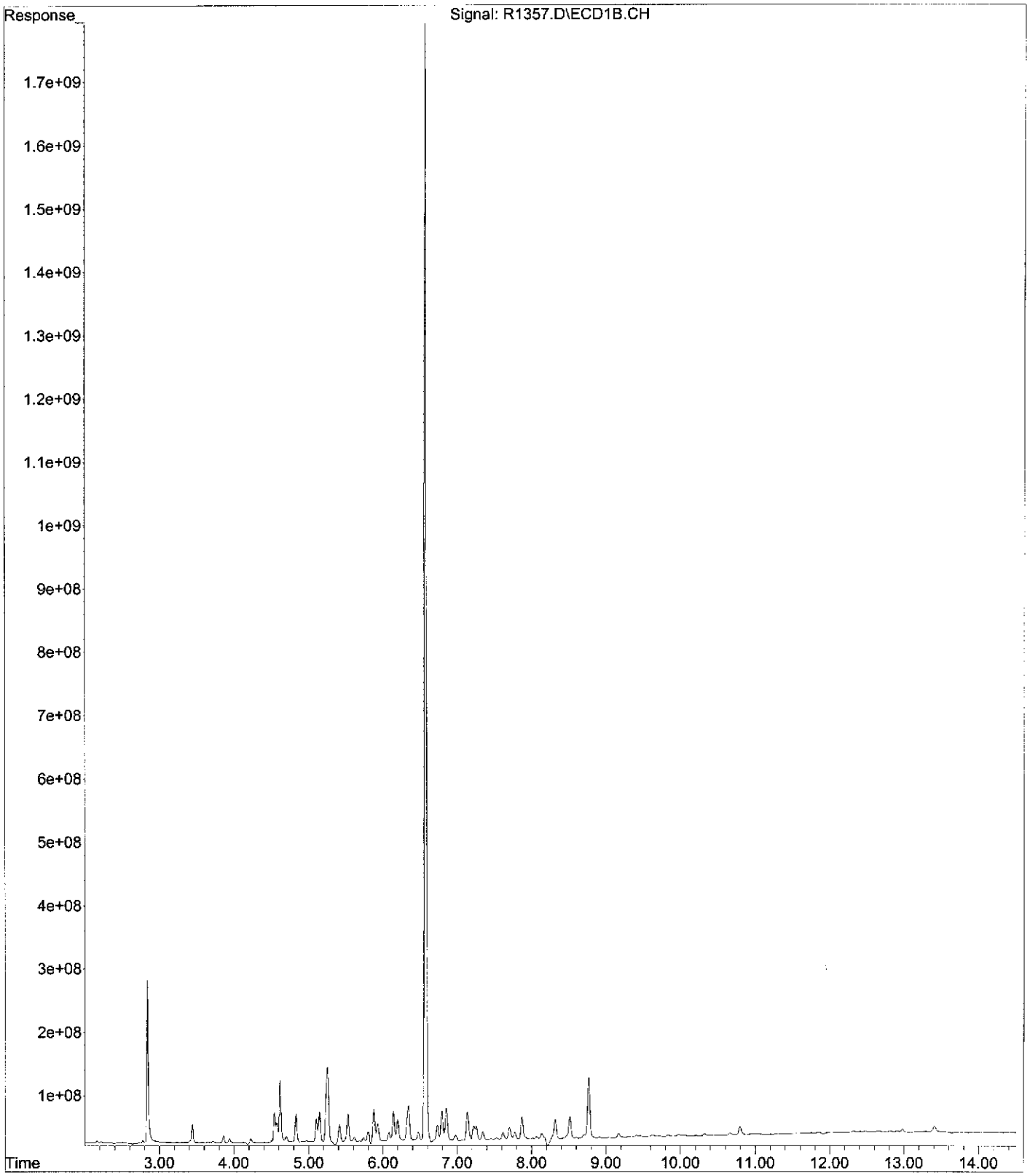
Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1357.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 00:44
Operator : YG
Sample : HH-32_(0-2,06583-019,S,5.61g,19.7,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,100
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:34:21 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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\07-09-12\R1357.D
Operator : YG
Acquired : 10 Jul 2012 00:44 using AcqMethod RPCB0709.M
Instrument : GC_R
Sample Name: HH-3Z_(0-2,06583-019,S,5.61g,19.7,07/05/12,4
Misc Info : 120705-03,07/02/12,07/02/12,100
Vial Number: 21



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1358.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 1:01
Operator : YG
Sample : HH-32_(2.0,06583-020,S,5.24g,26.1,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,10
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:34:52 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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	3.44	3.55	4813.8E6	2403.0E6	30.145m	26.817m
Spiked Amount 200.000			Recovery	=	15.07%	13.41%
2) S DCB	12.98	13.42	1335.0E6	515.3E6	22.892m	20.981m
Spiked Amount 200.000			Recovery	=	11.45%	10.49%
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	5.25	5.90	10260.5E6	4681.7E6	1305.833	1222.089
24) L6 Aroclor-1248 {2}	5.80	6.51	2445.8E6	5417.5E6	556.858	1686.043 #
25) L6 Aroclor-1248 {3}	6.14	6.92	3620.0E6	2922.3E6	836.430	720.220
26) L6 Aroclor-1248 {4}	6.86	7.08	6291.0E6	2344.1E6	727.060	682.230
27) L6 Aroclor-1248 {5}	7.14	7.43	4230.0E6	1287.1E6	591.554	662.463
Sum Aroclor-1248			26847.3E6	16652.8E6	4017.737	4973.046
Average Aroclor-1248					803.547	994.609
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

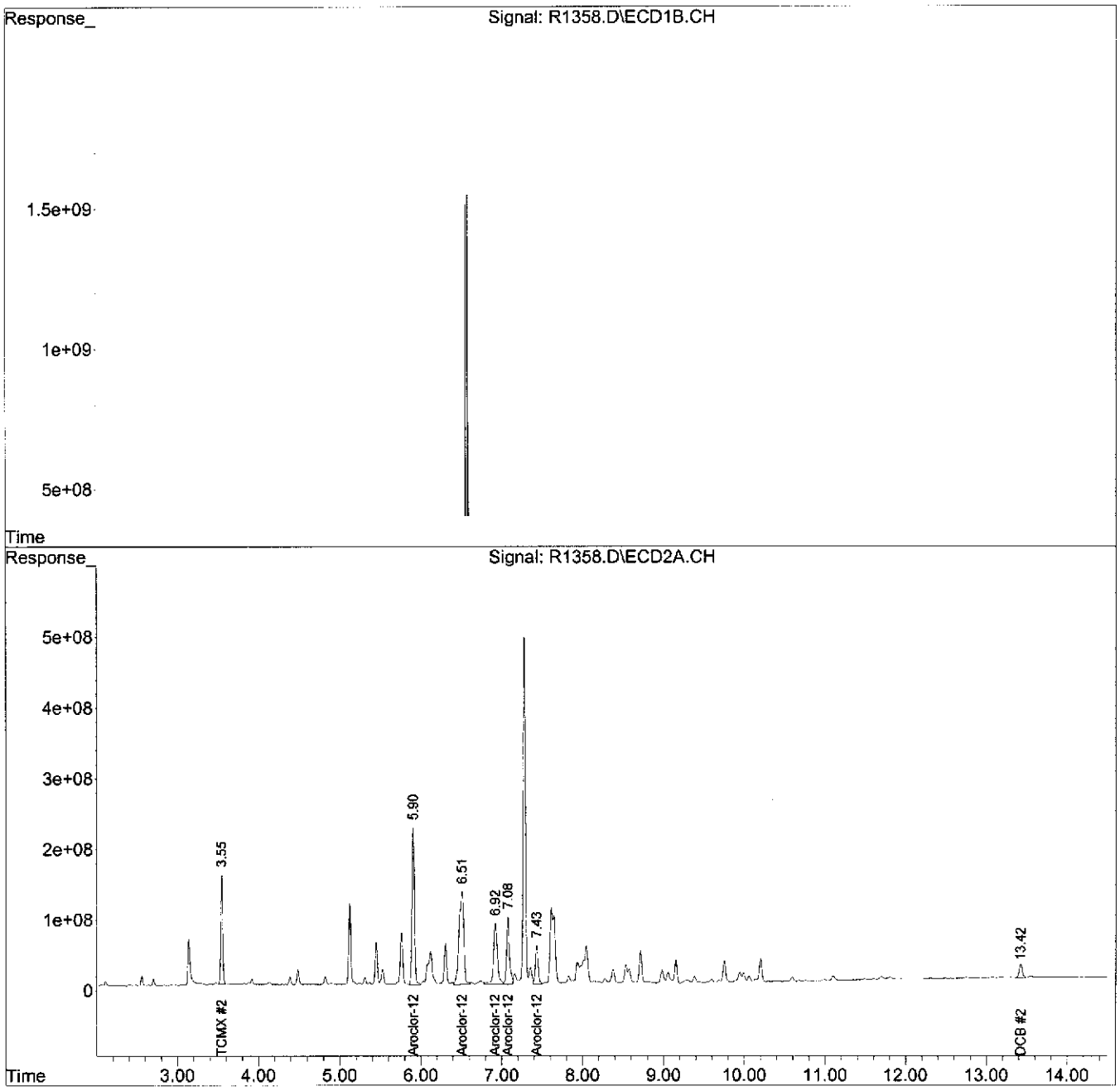
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

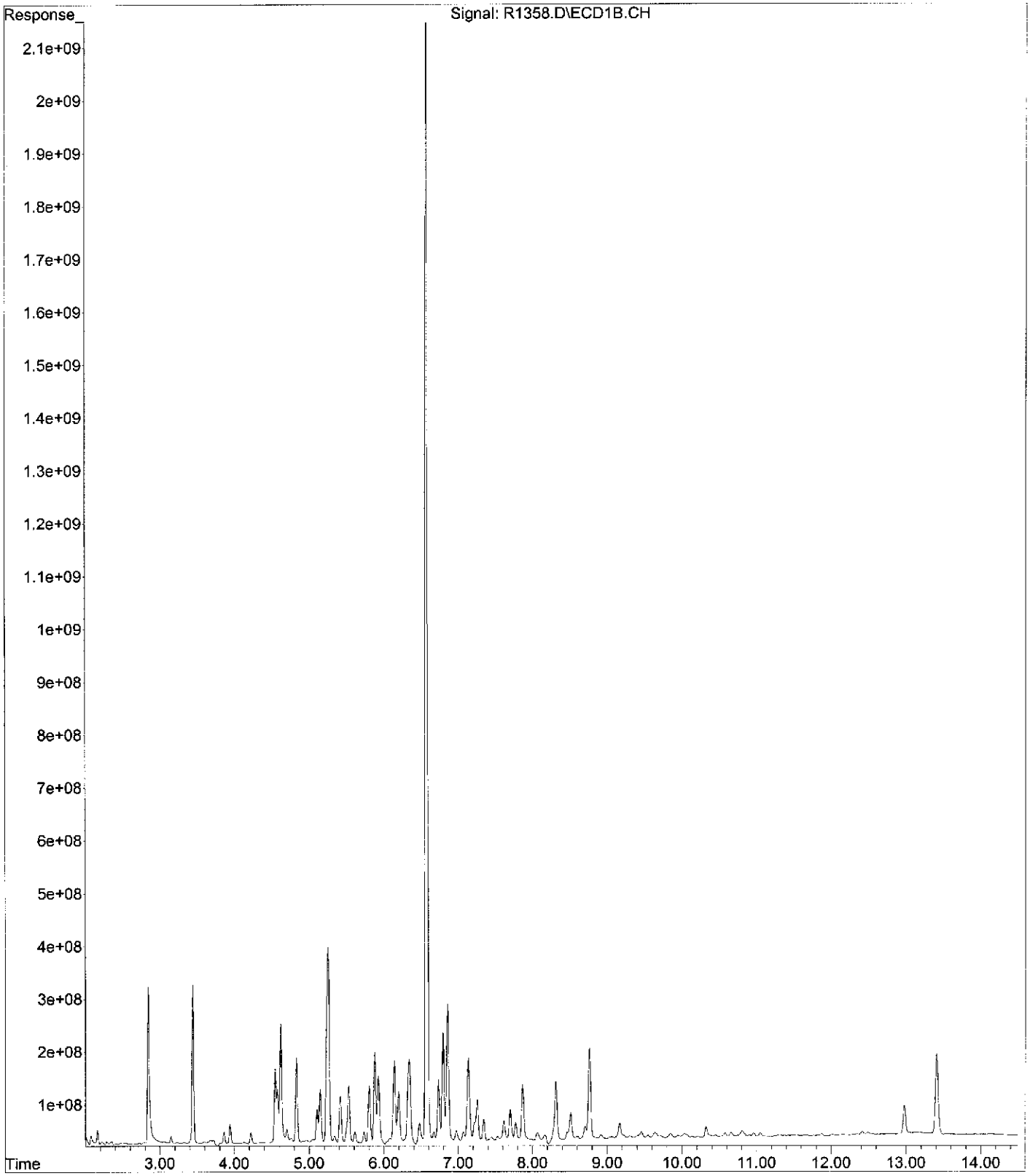
Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1358.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 1:01
Operator : YG
Sample : HH-32_(2.0,06583-020,S,5.24g,26.1,07/05/12,4
Misc : 120705-03,07/02/12,07/02/12,10
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:34:52 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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\07-09-12\R1358.D
Operator : YG
Acquired : 10 Jul 2012 1:01 using AcqMethod RPCB0709.M
Instrument : GC_R
Sample Name: HH-32_(2.0,06583-020,S,5.24g,26.1,07/05/12,4
Misc Info : 120705-03,07/02/12,07/02/12,10
Vial Number: 22



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-10-12\
Data File : R1422.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 21:44
Operator : YG
Sample : HH-32_(4.0,06583-021,S,5.42g,42.5,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,1
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 11:23:00 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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	3.44	3.54	39581.3E6	20201.5E6	247.866	225.447
Spiked Amount 200.000			Recovery	=	123.93%	112.72%
2) S DCB	12.98	13.42	14496.0E6	5087.8E6	248.570	207.173m
Spiked Amount 200.000			Recovery	=	124.29%	103.59%
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	5.25	5.90	646.3E6	330.5E6	82.254	86.261
24) L6 Aroclor-1248 {2}	5.81	6.51	376.0E6	413.3E6	85.612	128.617m#
25) L6 Aroclor-1248 {3}	6.12	6.93	551.5E6	117.6E6	127.425	28.986 #
26) L6 Aroclor-1248 {4}	6.86	7.07	117.8E6	100.4E6	13.614m	29.233 #
27) L6 Aroclor-1248 {5}	7.15	7.42	138.7E6	24348272	19.396m	12.531 #
Sum Aroclor-1248			1830.3E6	986.1E6	328.300	285.628
Average Aroclor-1248					65.660	57.126
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

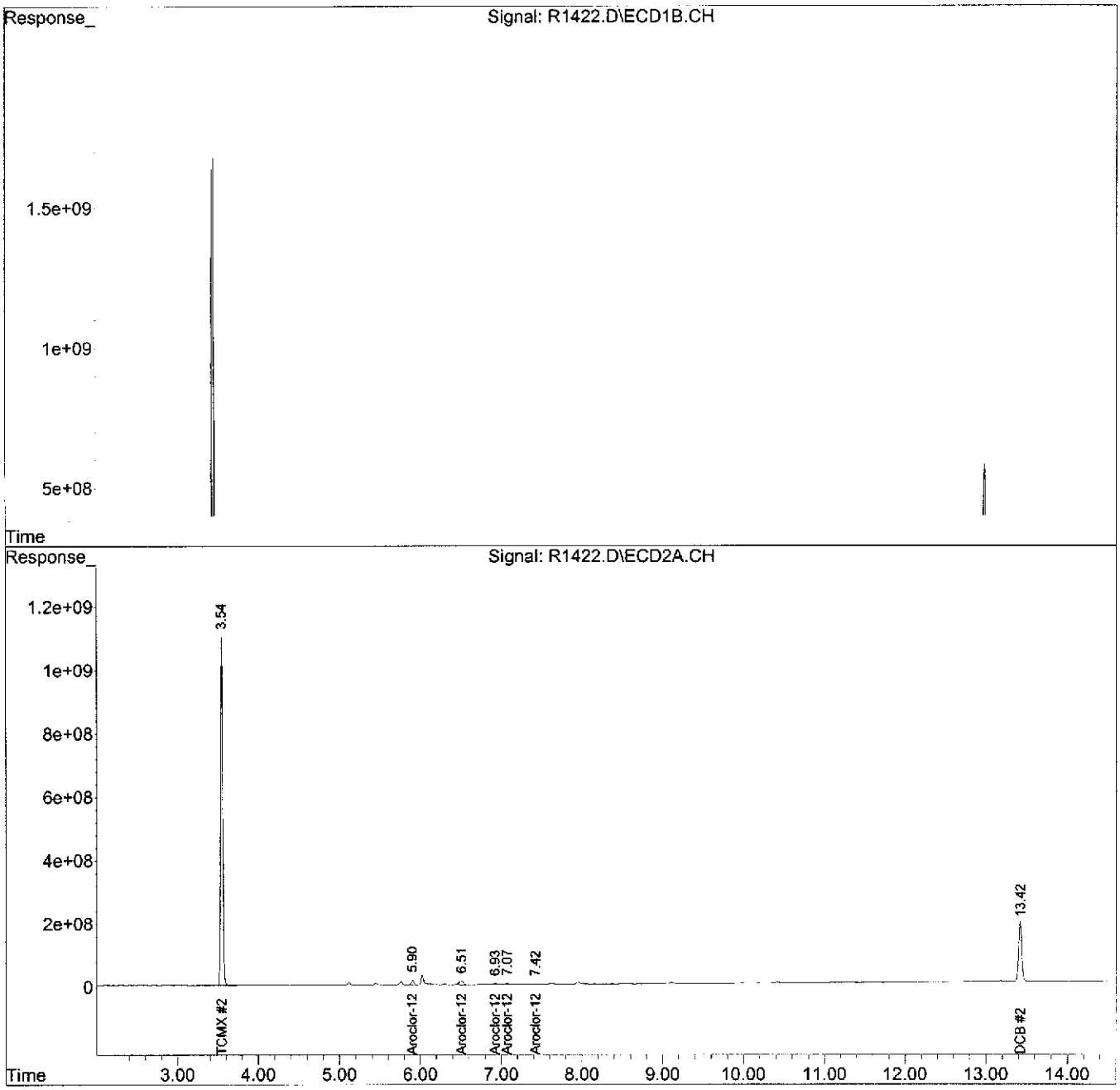
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

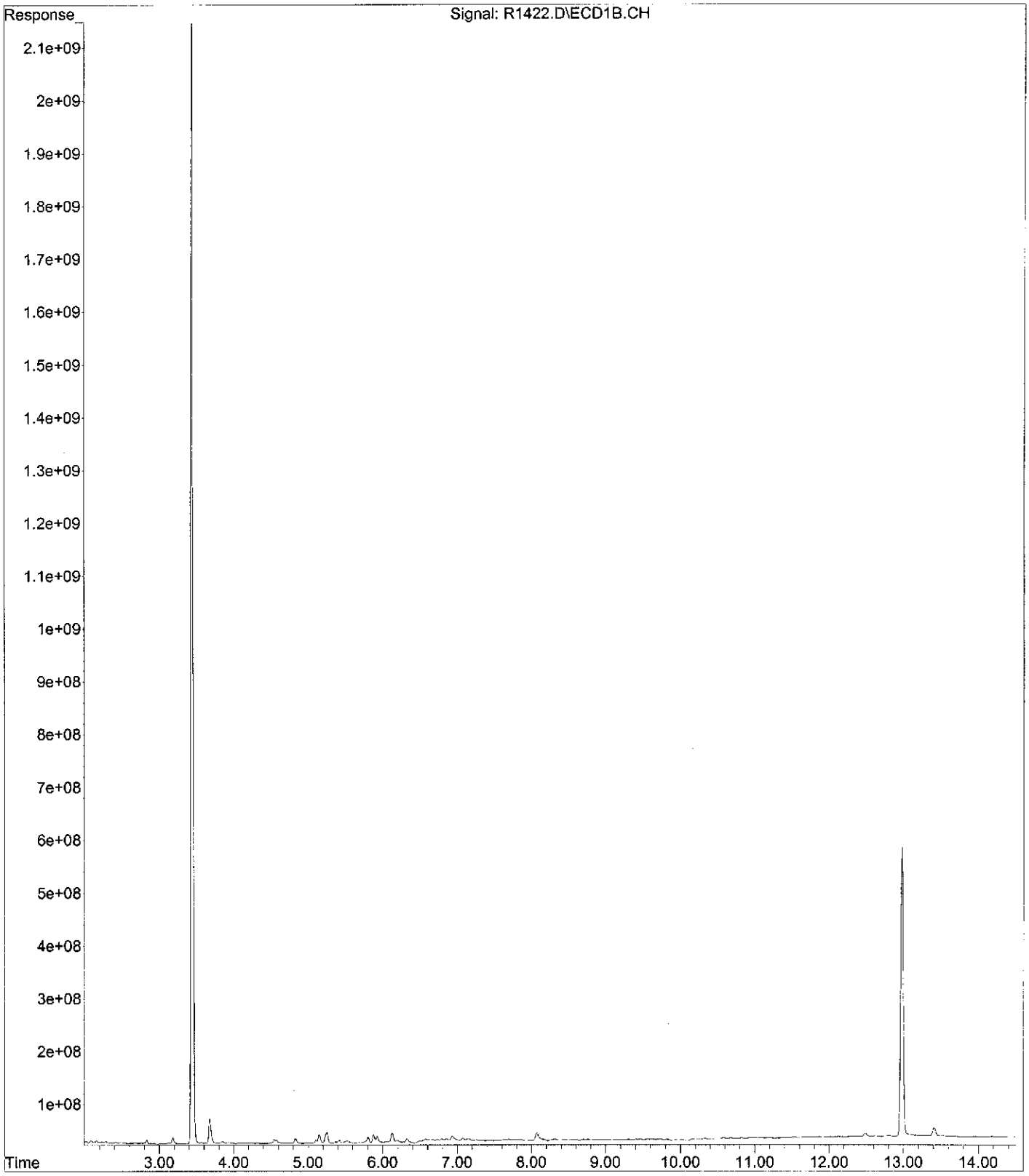
Data Path : C:\MSDCHEM\1\DATA\07-10-12\
Data File : R1422.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 21:44
Operator : YG
Sample : HH-32_(4.0,06583-021,S,5.42g,42.5,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,1
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 11:23:00 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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\07-10-12\R1422.D
Operator : YG
Acquired : 10 Jul 2012 21:44 using AcqMethod RPCB0709.M
Instrument : GC_R
Sample Name: HH-32_(4.0,06583-021,S,5.42g,42.5,07/05/12,4
Misc Info : 120705-04,07/02/12,07/02/12,1
Vial Number: 11



Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1366.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 4:12
Operator : YG
Sample : II-32_(0-2,06583-022,S,5.37g,25.3,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,100
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 10:40:56 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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	5.25	5.90	6874.5E6	3304.8E6	874.912	862.659
24) L6 Aroclor-1248 {2}	5.80	6.51	2487.8E6	4441.3E6	566.429	1382.237 #
25) L6 Aroclor-1248 {3}	6.14	6.92	2529.9E6	2020.2E6	584.554	497.885
26) L6 Aroclor-1248 {4}	6.86	7.08	4504.2E6	1748.9E6	520.553	508.994
27) L6 Aroclor-1248 {5}	7.14	7.43	3640.6E6	1066.1E6	509.121	548.676
Sum Aroclor-1248			20037.0E6	12581.2E6	3055.569	3800.451
Average Aroclor-1248					611.114	760.090
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

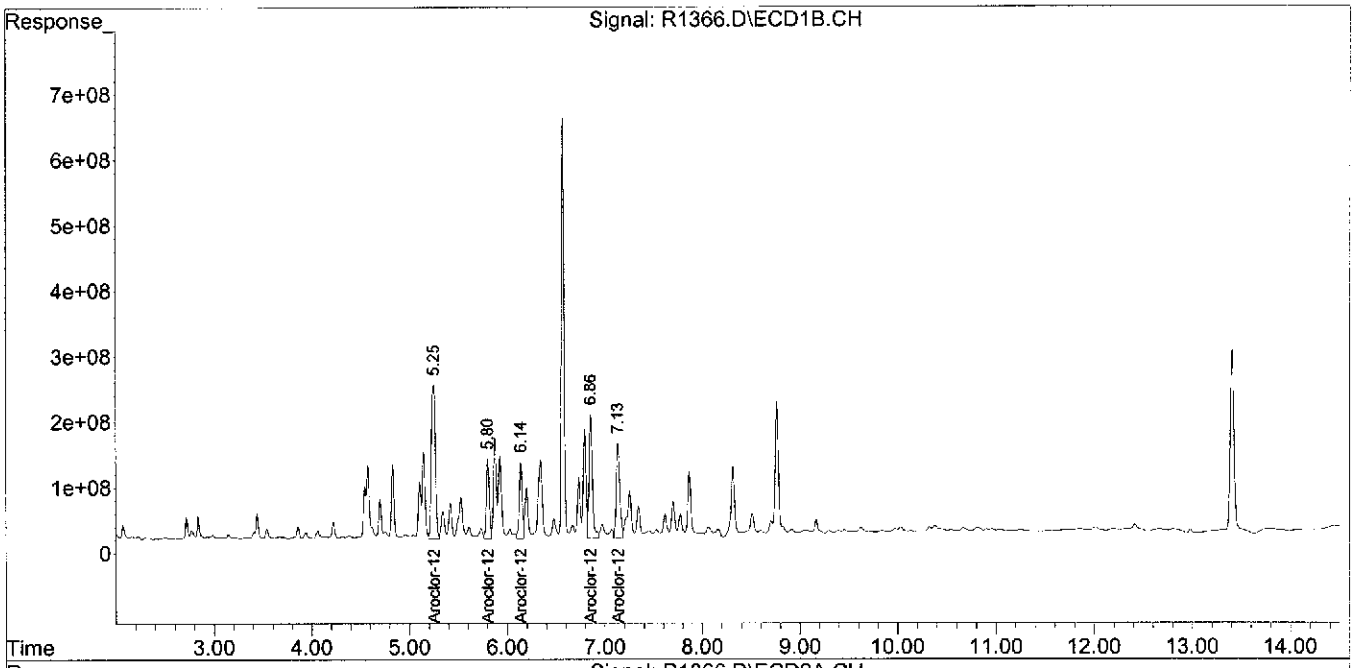
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

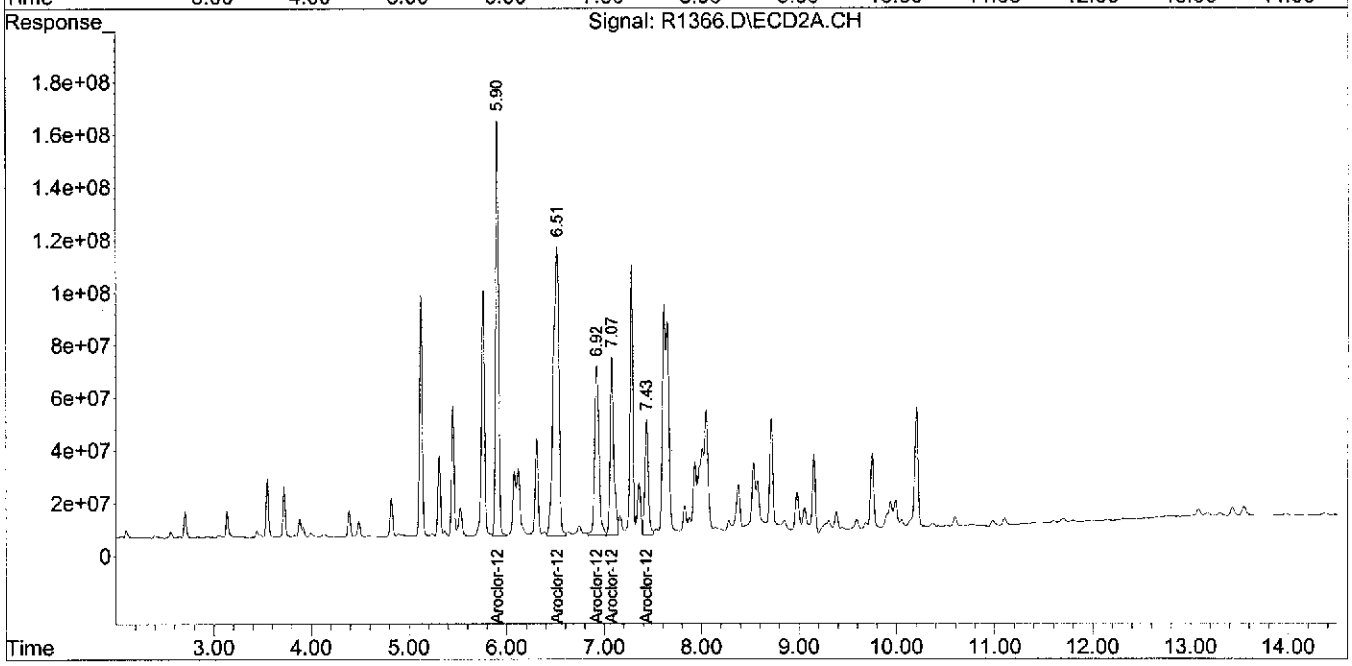
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1366.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 4:12
Operator : YG
Sample : II-32_(0-2,06583-022,S,5.37g,25.3,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,100
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 10:40:56 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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\07-10-12\
Data File : R1423.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 22:01
Operator : YG
Sample : II-32_(2.0,06583-023,S,5.50g,34.6,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,10
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 11:23:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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	3.44	3.54	4474.9E6	2269.7E6	28.023	25.329
Spiked Amount 200.000			Recovery	=	14.01%	12.66%
2) S DCB	12.98	13.42	1145.6E6	528.2E6	19.644m	21.510m
Spiked Amount 200.000			Recovery	=	9.82%	10.76%
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	5.25	5.90	6204.8E6	2773.2E6	789.671	723.898
24) L6 Aroclor-1248 {2}	5.80	6.51	3573.0E6	5211.7E6	813.505	1621.988 #
25) L6 Aroclor-1248 {3}	6.14	6.92	4970.2E6	3639.2E6	1148.417	896.913
26) L6 Aroclor-1248 {4}	6.86	7.07	7891.8E6	2875.1E6	912.062	836.781
27) L6 Aroclor-1248 {5}	7.13	7.43	5646.4E6	1723.7E6	789.634	887.137
Sum Aroclor-1248			28286.2E6	16222.9E6	4453.289	4966.716
Average Aroclor-1248					890.658	993.343
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

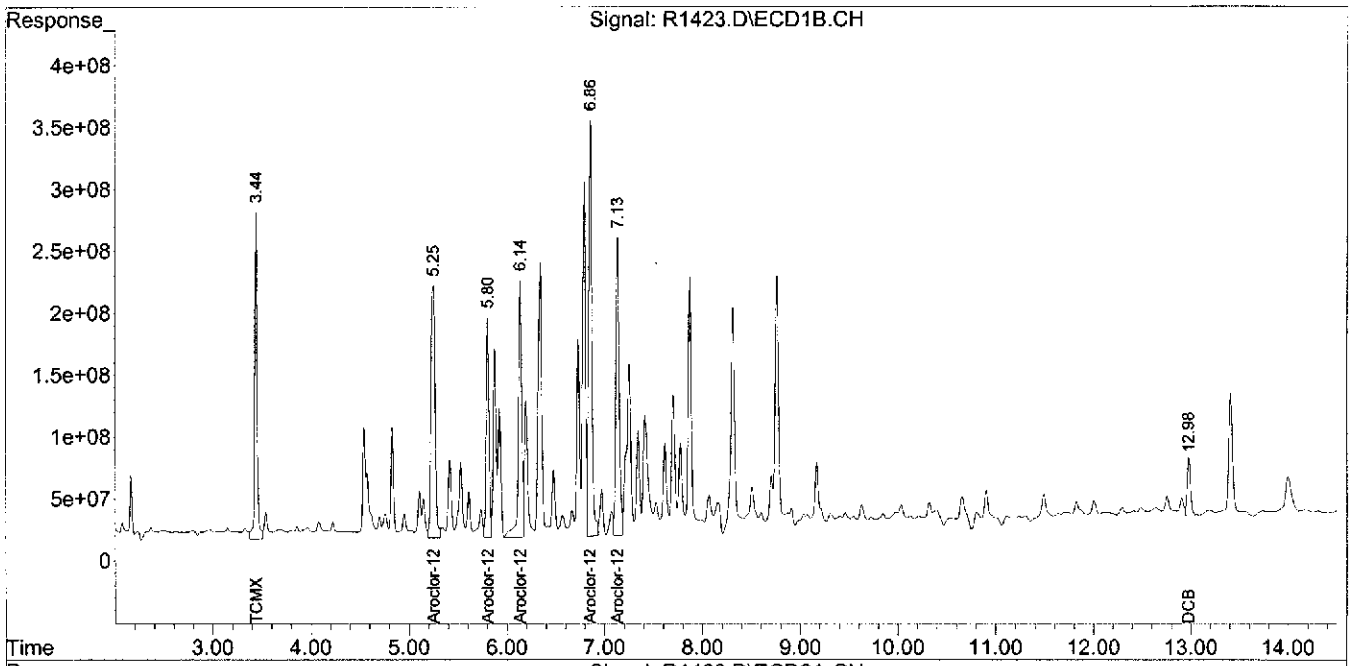
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

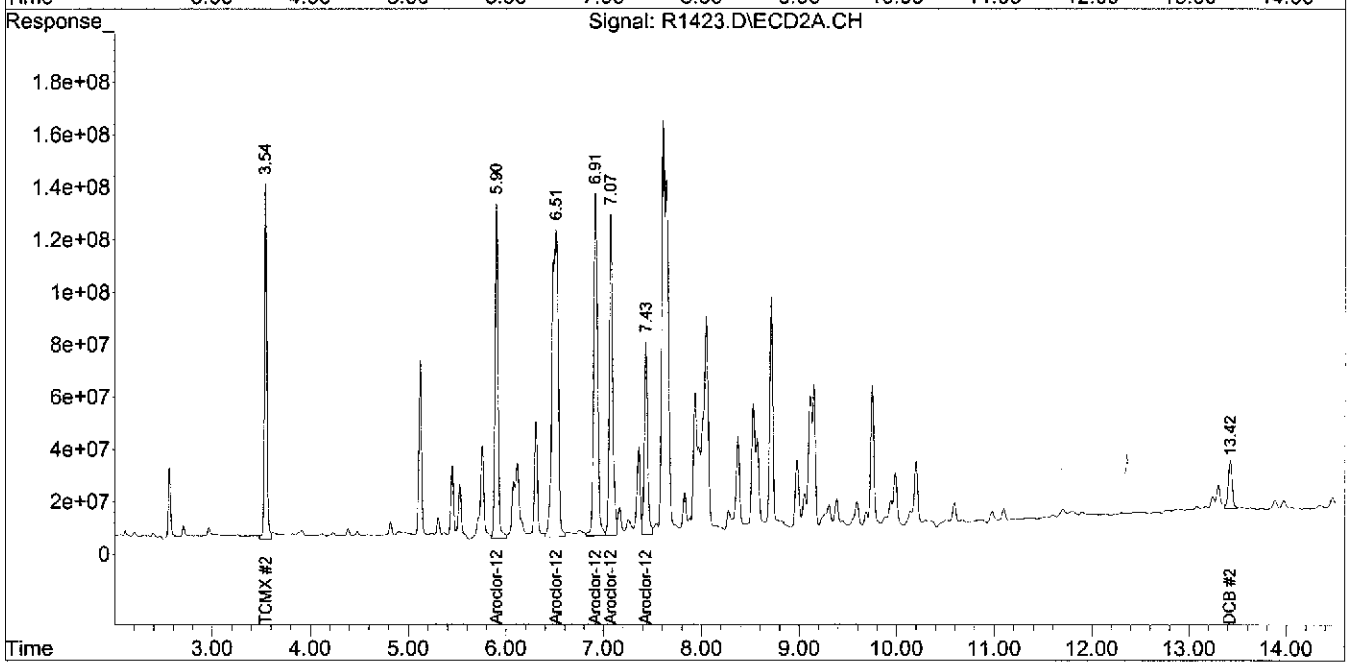
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-10-12\
Data File : R1423.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 22:01
Operator : YG
Sample : II-32_(2.0,06583-023,S,5.50g,34.6,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,10
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 11:23:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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\07-09-12\
Data File : R1368.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 4:46
Operator : YG
Sample : II-32_(4.0,06583-024,S,5.78g,36.0,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,1
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 10:41:31 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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	3.44	3.54	44697.3E6	24103.6E6	279.904	268.993
Spiked Amount 200.000			Recovery	=	139.95%	134.50%
2) S DCB	12.98	13.42	17696.5E6	6491.4E6	303.450m	264.329
Spiked Amount 200.000			Recovery	=	151.72%	132.16%
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	5.25	5.90	854.8E6	362.6E6	108.783	94.659
24) L6 Aroclor-1248 {2}	5.80	6.51	548.2E6	500.9E6	124.810	155.896
25) L6 Aroclor-1248 {3}	6.13	6.92	1468.4E6	315.2E6	339.296	77.679 #
26) L6 Aroclor-1248 {4}	6.86	7.08	768.0E6	262.3E6	88.757	76.348
27) L6 Aroclor-1248 {5}	7.14	7.43	852.7E6	153.2E6	119.241	78.867 #
Sum Aroclor-1248			4492.0E6	1594.3E6	780.888	483.449
Average Aroclor-1248					156.178	96.690
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

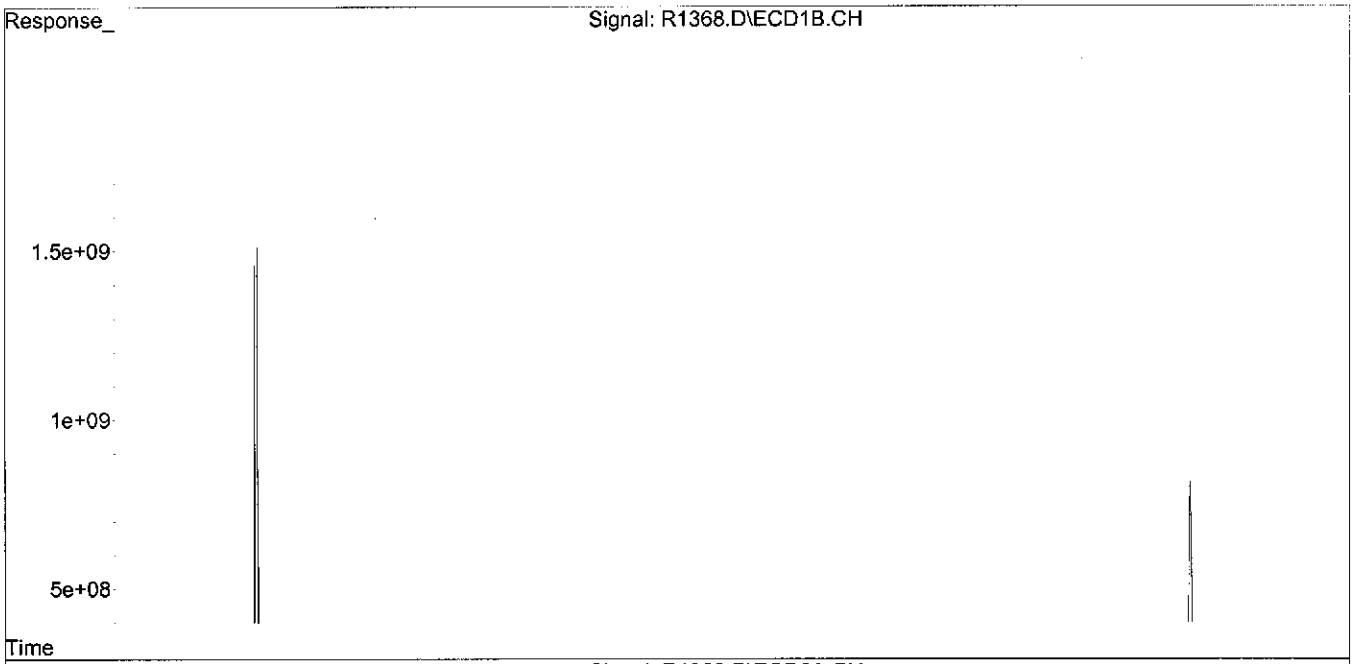
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

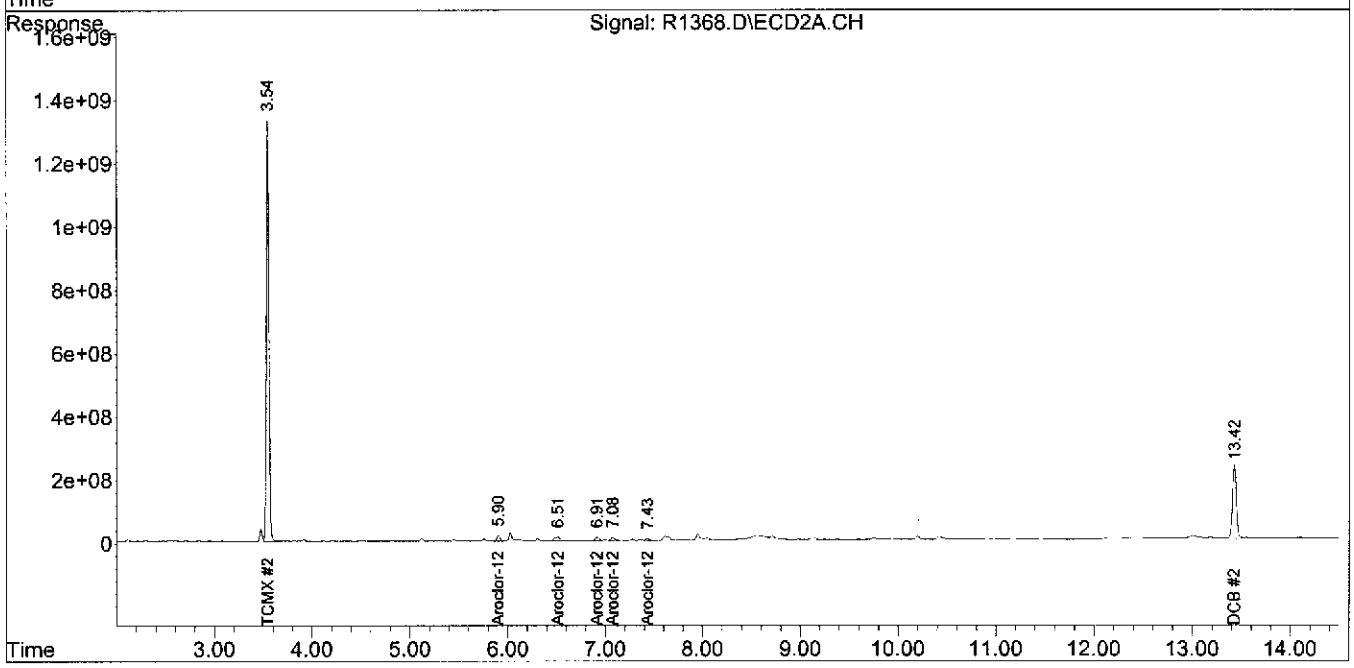
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1368.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 4:46
Operator : YG
Sample : II-32_(4.0,06583-024,S,5.78g,36.0,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,1
ALS Vial : 30 Sample Multiplier: 1

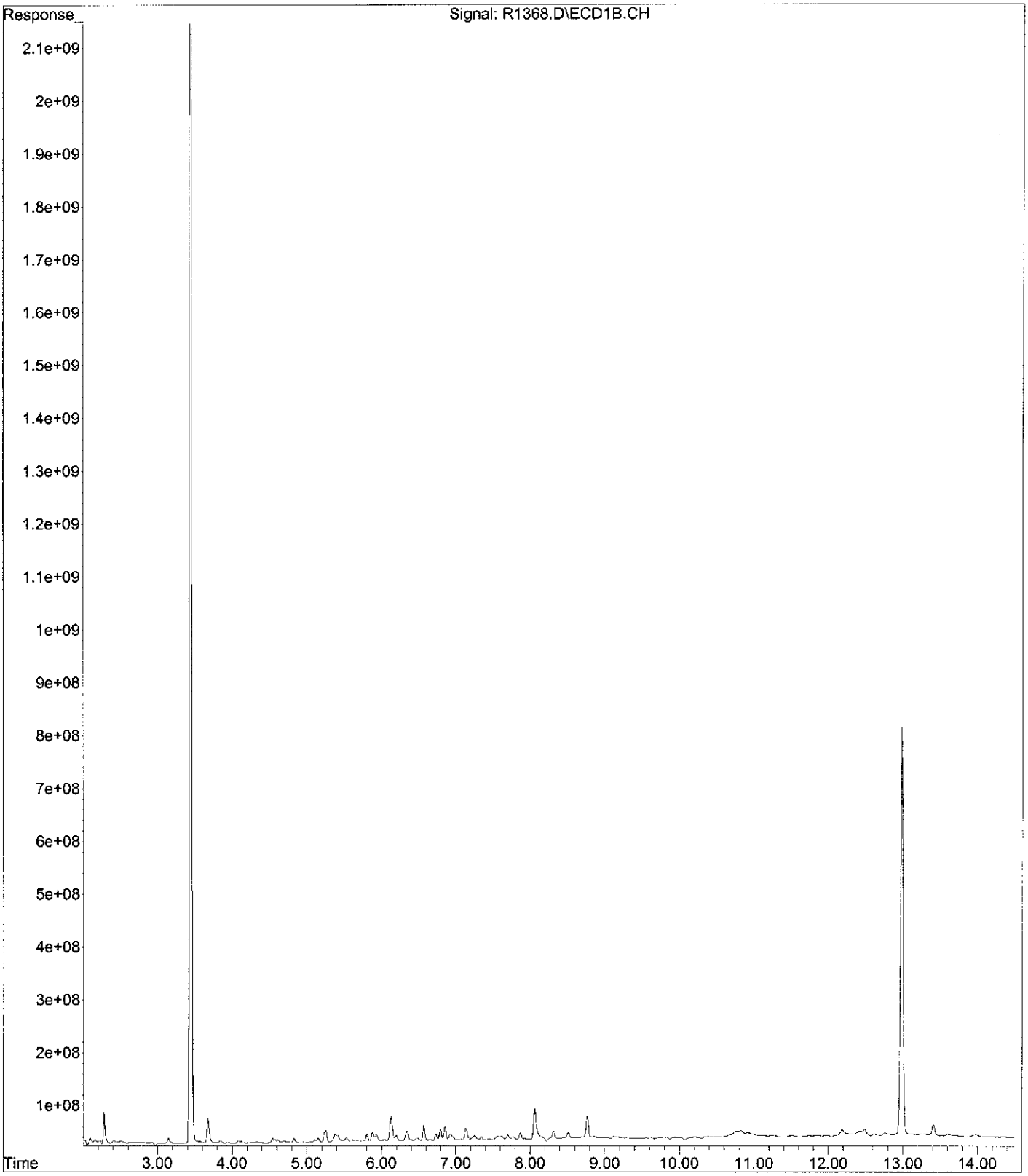
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 10:41:31 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





File :C:\MSDChem\1\DATA\07-09-12\R1368.D
Operator : YG
Acquired : 10 Jul 2012 4:46 using AcqMethod RPCB0709.M
Instrument : GC_R
Sample Name: II-32_(4.0,06583-024,S,5.78g,36.0,07/05/12,4
Misc Info : 120705-04,07/02/12,07/02/12,1
Vial Number: 30



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-10-12\
Data File : R1424.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 22:19
Operator : YG
Sample : JJ-32_(0-2,06583-025,S,5.47g,36.0,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,20
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 11:24:05 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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	3.44	3.54	2292.1E6	1274.1E6	14.353	14.219
Spiked Amount 200.000			Recovery	=	7.18%	7.11%
2) S DCB	12.98	13.42	859.4E6	338.9E6	14.737m	13.799m
Spiked Amount 200.000			Recovery	=	7.37%	6.90%
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	5.25	5.90	1941.3E6	1044.4E6	247.072	272.637
24) L6 Aroclor-1248 {2}	5.80	6.51	3382.2E6	2579.9E6	770.051	802.922
25) L6 Aroclor-1248 {3}	6.14	6.91	4681.9E6	3537.6E6	1081.801	871.861
26) L6 Aroclor-1248 {4}	6.86	7.07	8422.4E6	2448.3E6	973.384	712.543 #
27) L6 Aroclor-1248 {5}	7.13	7.43	5166.5E6	1027.6E6	722.515	528.880 #
Sum Aroclor-1248			23594.3E6	10637.8E6	3794.823	3188.843
Average Aroclor-1248					758.965	637.769
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

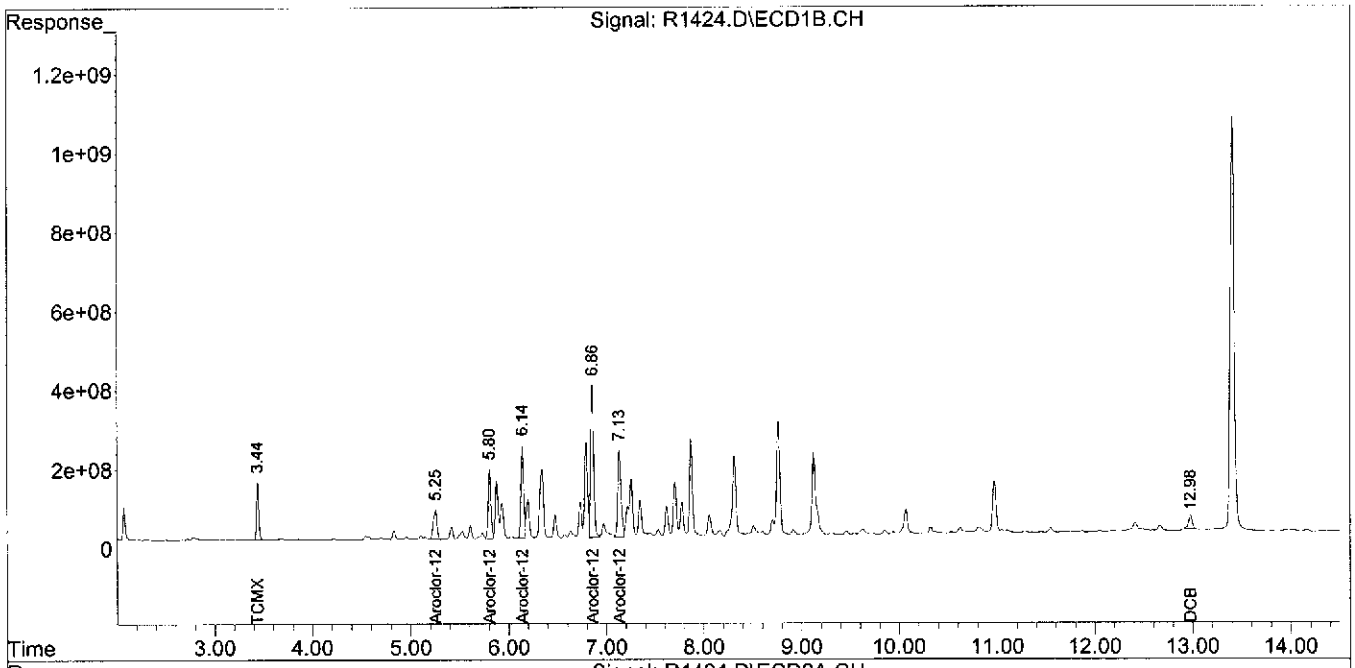
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

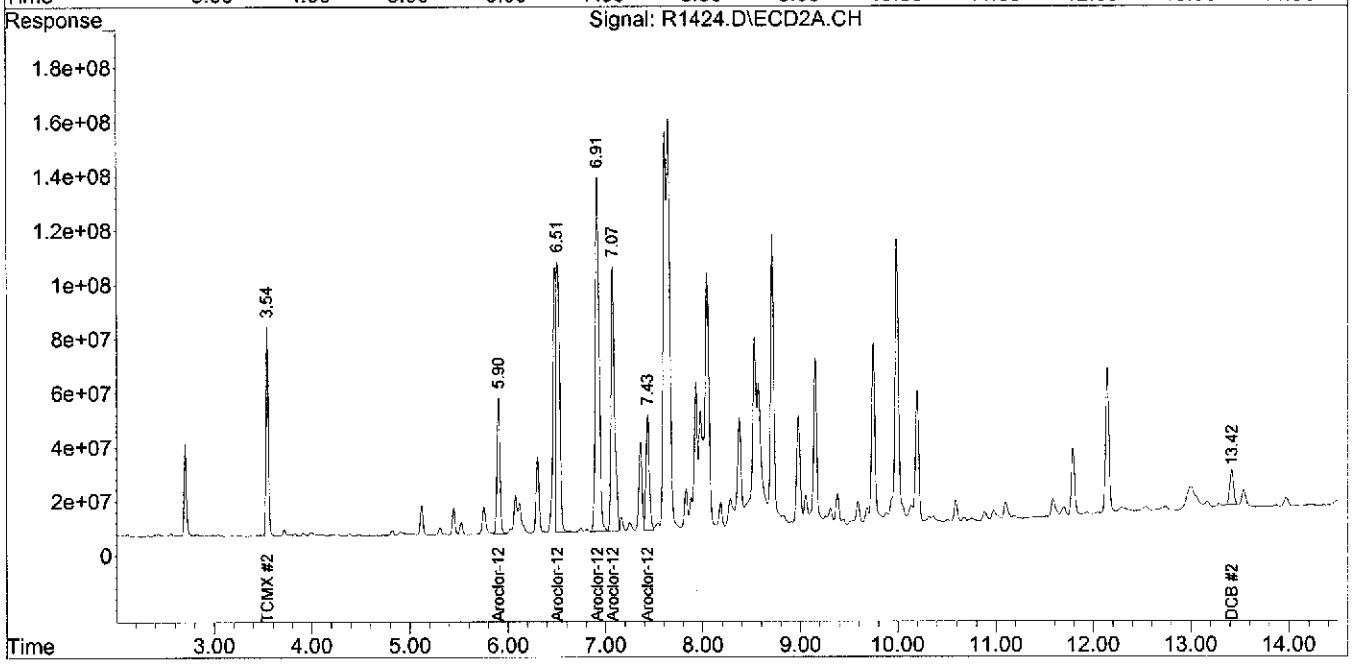
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-10-12\
Data File : R1424.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 22:19
Operator : YG
Sample : JJ-32_(0-2,06583-025,S,5.47g,36.0,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,20
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 11:24:05 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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\07-11-12\
Data File : R1461.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Jul 2012 10:31
Operator : YG
Sample : JJ-32_(2.0,06583-026,S,5.67g,62.9,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,1
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 11:15:18 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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	3.44	3.54	28415.7E6	18397.0E6	177.945	205.308
Spiked Amount 200.000			Recovery	=	88.97%	102.65%
2) S DCB	12.98	13.42	12416.3E6	4918.9E6	212.909	200.297
Spiked Amount 200.000			Recovery	=	106.45%	100.15%
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	5.25	5.90	3502.8E6	1741.6E6	445.793	454.624
24) L6 Aroclor-1248 {2}	5.80	6.51	2305.3E6	2266.4E6	524.876	705.366m#
25) L6 Aroclor-1248 {3}	6.13	6.91	4150.8E6	2458.4E6	959.086	605.888 #
26) L6 Aroclor-1248 {4}	6.86	7.07	4281.6E6	1897.5E6	494.823	552.244
27) L6 Aroclor-1248 {5}	7.13	7.43	3822.5E6	1053.2E6	534.562	542.066
Sum Aroclor-1248			18063.0E6	9417.2E6	2959.140	2860.189
Average Aroclor-1248					591.828	572.038
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.16	8.97	1089.0E6	610.4E6	91.890m	170.373 #
34) L8 Aroclor-1260 {2}	9.84	9.38	474.4E6	518.1E6	65.865m	128.877 #
35) L8 Aroclor-1260 {3}	10.32	10.59	1088.8E6	289.6E6	52.121m	95.400m#
36) L8 Aroclor-1260 {4}	10.79	11.09	1119.6E6	445.4E6	127.072m	75.552m#
37) L8 Aroclor-1260 {5}	11.87	11.69	345.0E6	303.3E6	82.168m	64.644m
Sum Aroclor-1260			4116.9E6	2166.9E6	419.116	534.846
Average Aroclor-1260					83.823	106.969
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\07-11-12\
Data File : R1461.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Jul 2012 10:31
Operator : YG
Sample : JJ-32_(2.0,06583-026,S,5.67g,62.9,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,1
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 11:15:18 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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

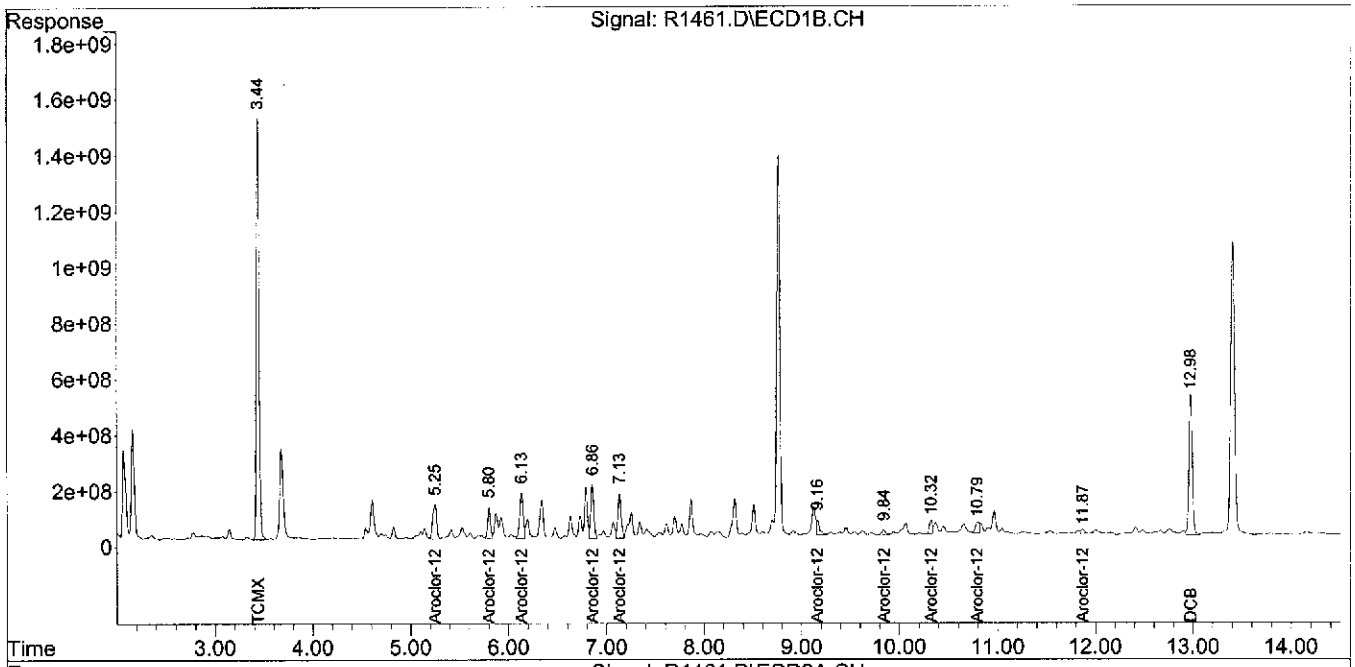
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

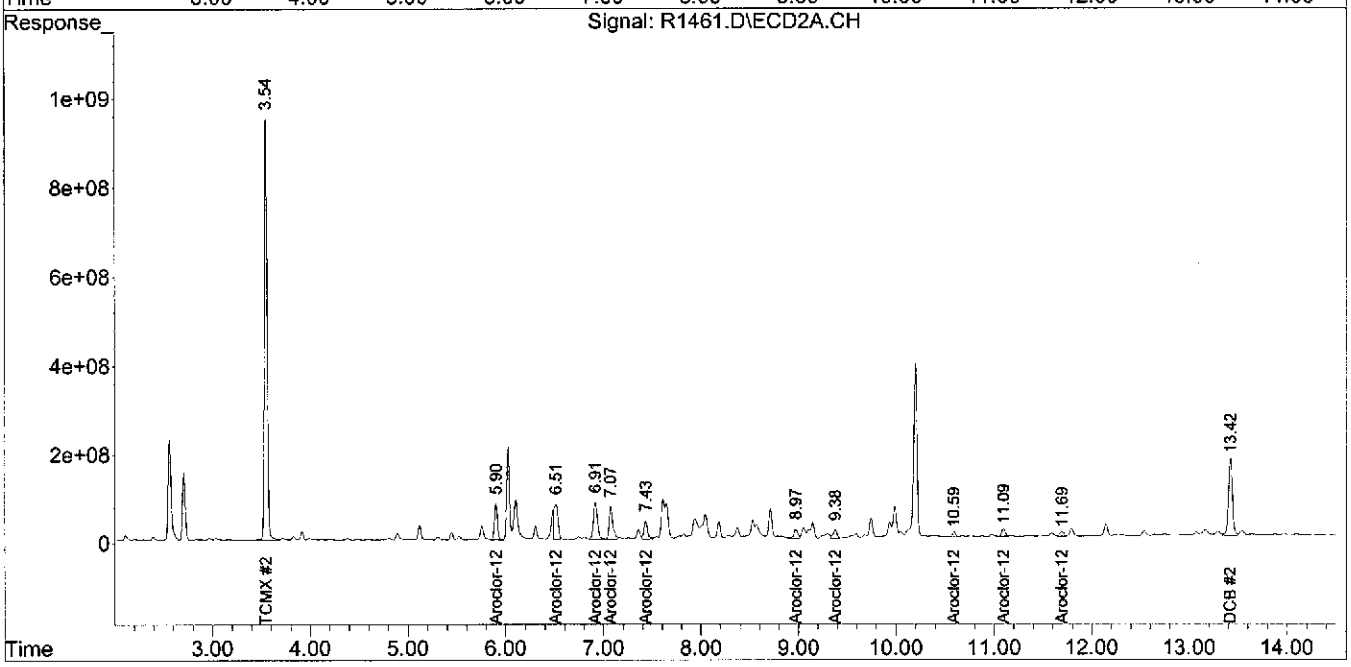
Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\07-11-12\
Data File : R1461.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Jul 2012 10:31
Operator : YG
Sample : JJ-32_(2.0,06583-026,S,5.67g,62.9,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,1
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 11:15:18 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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\07-09-12\
Data File : R1371.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 5:39
Operator : YG
Sample : JJ-32_(4.0,06583-027,S,5.55g,20.5,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,1
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 10:49:21 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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	3.44	3.54	40056.9E6	19310.9E6	250.844	215.508
Spiked Amount 200.000			Recovery	=	125.42%	107.75%
2) S DCB	12.98	13.42	16124.9E6	5501.6E6	276.503m	224.024m
Spiked Amount 200.000			Recovery	=	138.25%	112.01%
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	5.25	5.90	159.5E6	48846845	20.304	12.751 #
24) L6 Aroclor-1248 {2}	5.80	6.51	160.1E6	84586071	36.453	26.325 #
25) L6 Aroclor-1248 {3}	6.13	6.92	233.5E6	96148999	53.964m	23.697m#
26) L6 Aroclor-1248 {4}	6.86	7.07	246.6E6	83147613	28.503	24.199m
27) L6 Aroclor-1248 {5}	7.13	7.43	225.6E6	37904586	31.555	19.509 #
Sum Aroclor-1248			1025.5E6	350.6E6	170.779	106.480
Average Aroclor-1248					34.156	21.296
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

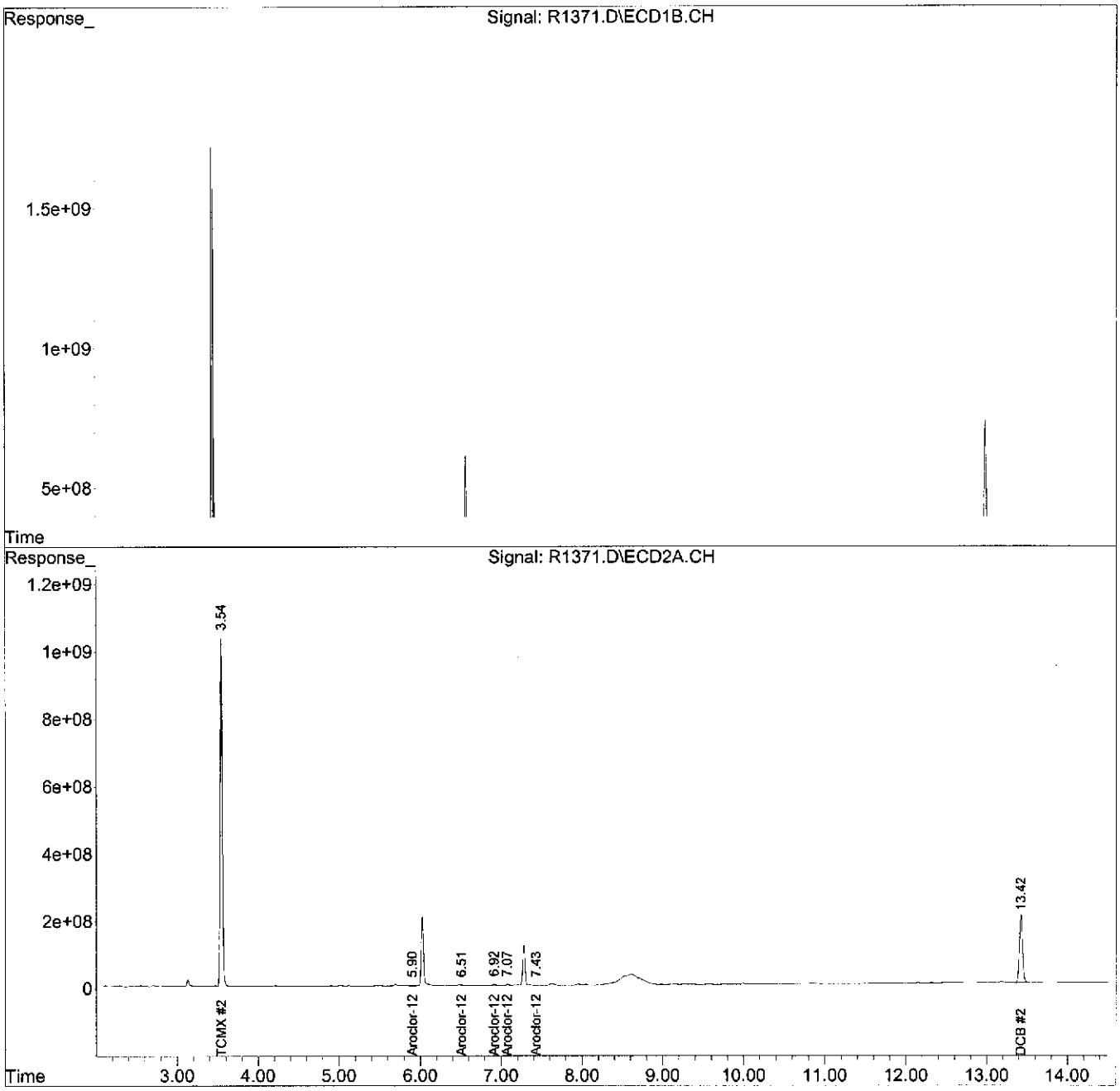
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

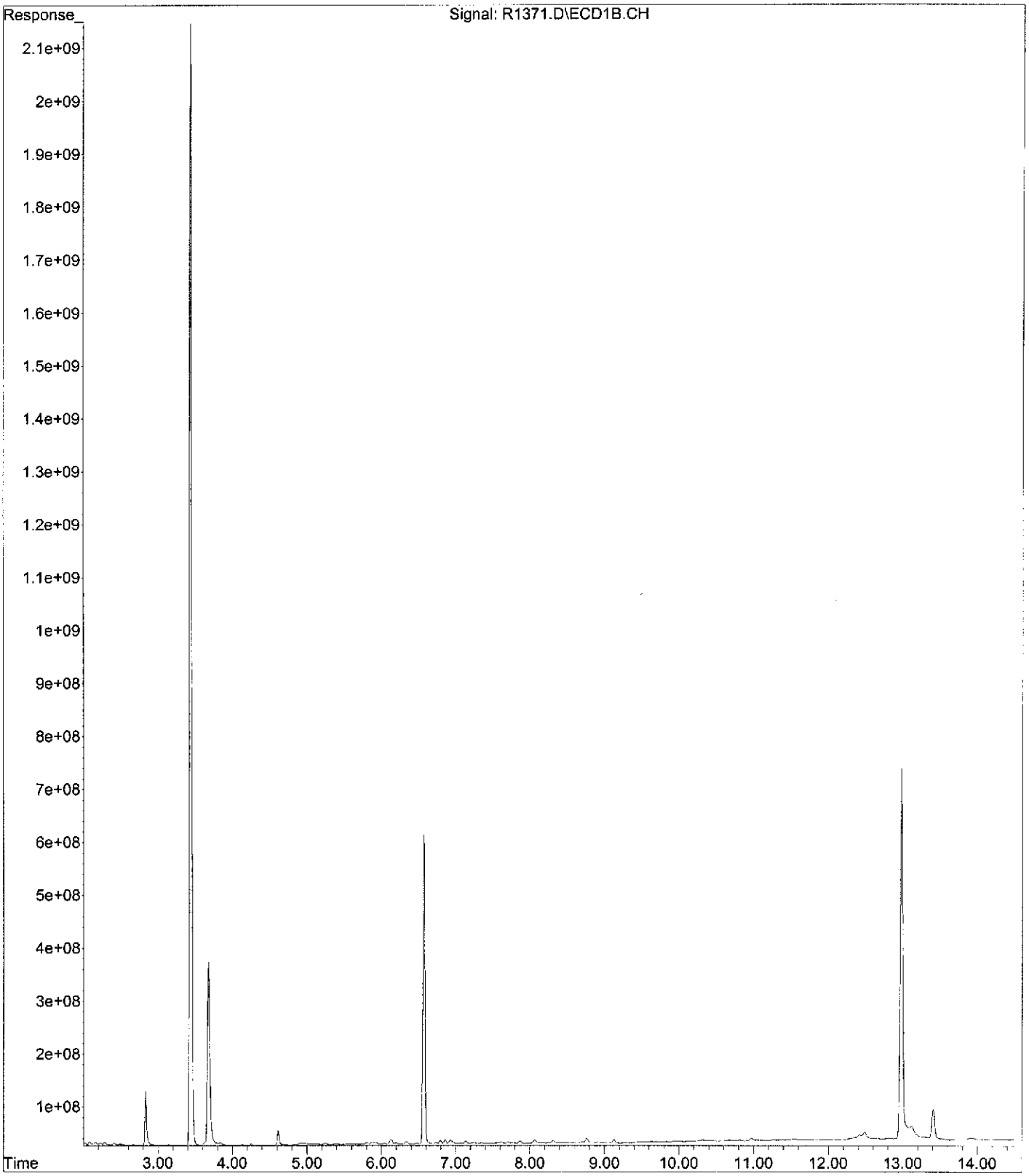
Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1371.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 5:39
Operator : YG
Sample : JJ-32_(4.0,06583-027,S,5.55g,20.5,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,1
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 10:49:21 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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\07-09-12\R1371.D
Operator : YG
Acquired : 10 Jul 2012 5:39 using AcqMethod RPCB0709.M
Instrument : GC_R
Sample Name: JJ-32_(4.0,06583-027,S,5.55g,20.5,07/05/12,4
Misc Info : 120705-04,07/02/12,07/02/12,1
Vial Number: 33



Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1372.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 5:56
Operator : YG
Sample : KK-31_(0-2,06583-028,S,5.77g,34.8,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,100
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 10:51:15 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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	5.25	5.90	482.9E6	152.9E6	61.462m	39.902	#
24) L6 Aroclor-1248 {2}	5.80	6.51	506.8E6	593.9E6	115.385m	184.846	#
25) L6 Aroclor-1248 {3}	6.14	6.92	687.1E6	506.5E6	158.761m	124.830	
26) L6 Aroclor-1248 {4}	6.85	7.07	991.8E6	352.4E6	114.626m	102.557	
27) L6 Aroclor-1248 {5}	7.13	7.43	752.6E6	147.7E6	105.254m	76.038	#
Sum Aroclor-1248			3421.3E6	1753.4E6	555.488	528.172	
Average Aroclor-1248					111.098	105.634	
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	

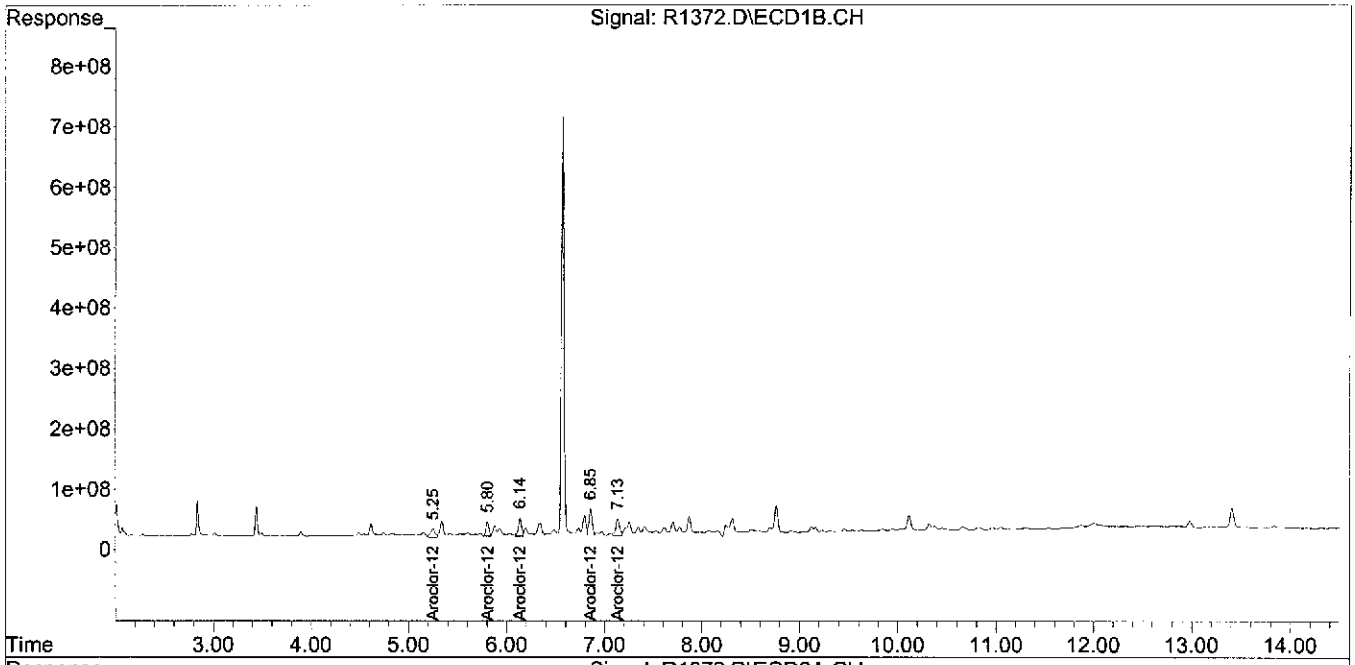
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

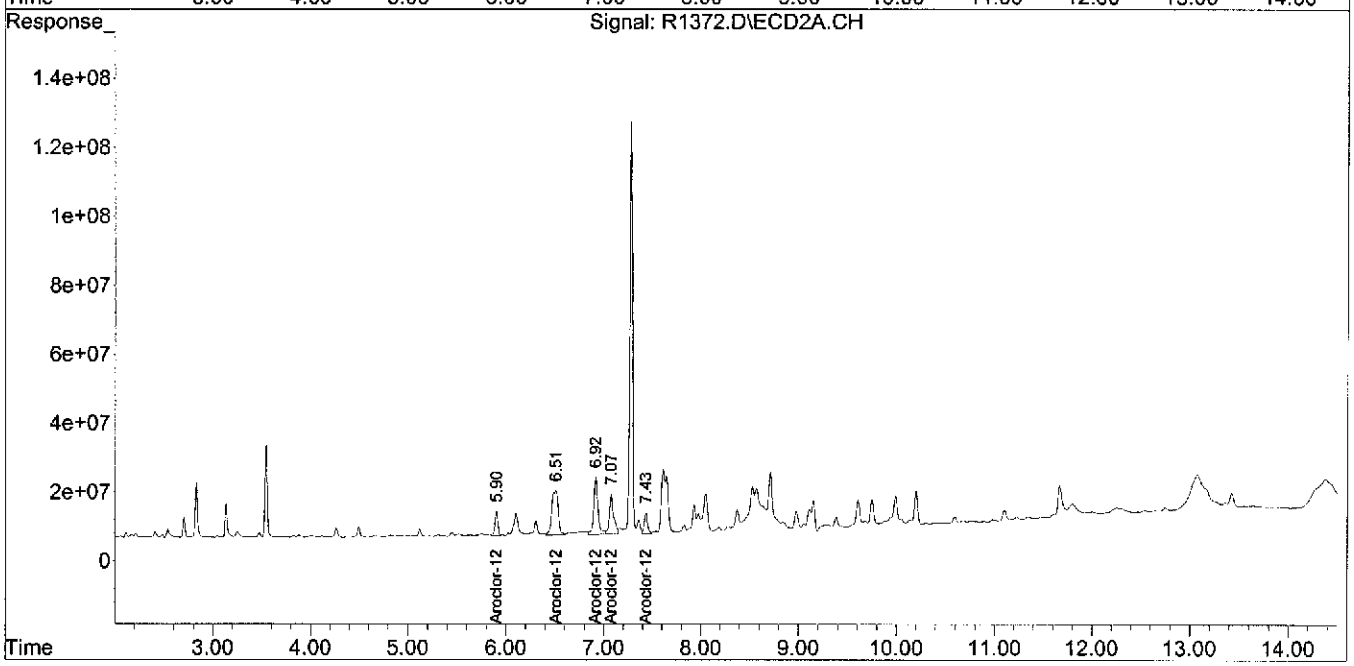
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1372.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 5:56
Operator : YG
Sample : KK-31_(0-2,06583-028,S,5.77g,34.8,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,100
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 10:51:15 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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\07-10-12\
Data File : R1426.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 22:53
Operator : YG
Sample : KK-31_(2.0,06583-029,S,5.42g,77.6,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,1
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 11:25:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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	3.44	3.54	33279.9E6	21267.8E6	208.406	237.347
Spiked Amount 200.000			Recovery	=	104.20%	118.67%
2) S DCB	12.98	13.42	17655.5E6	6369.7E6	302.748	259.371
Spiked Amount 200.000			Recovery	=	151.37%	129.69%
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	5.25	5.90	1493.4E6	852.2E6	190.067	222.453
24) L6 Aroclor-1248 {2}	5.81	6.51	1793.1E6	1506.7E6	408.253	468.924m
25) L6 Aroclor-1248 {3}	6.14	6.91	3410.6E6	2206.4E6	788.055	543.789 #
26) L6 Aroclor-1248 {4}	6.86	7.07	4238.3E6	1433.2E6	489.829	417.116
27) L6 Aroclor-1248 {5}	7.14	7.43	3293.8E6	668.5E6	460.627	344.045 #
Sum Aroclor-1248			14229.3E6	6667.0E6	2336.830	1996.326
Average Aroclor-1248					467.366	399.265
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

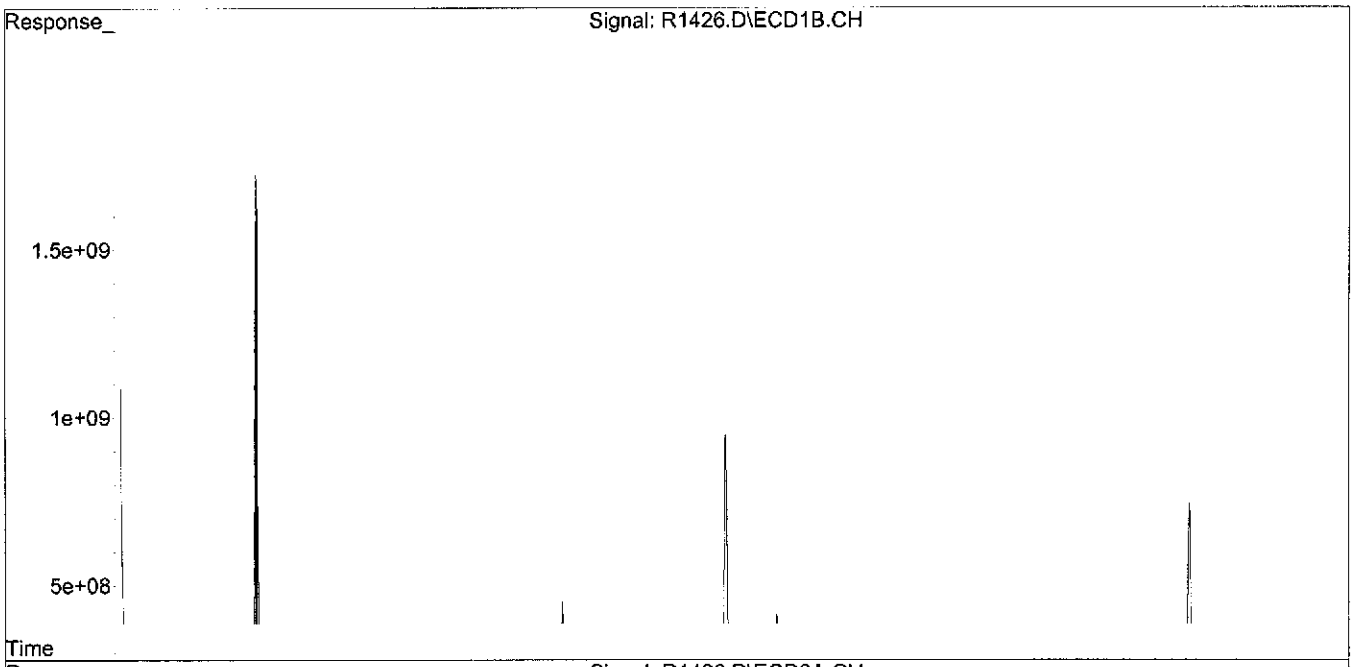
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

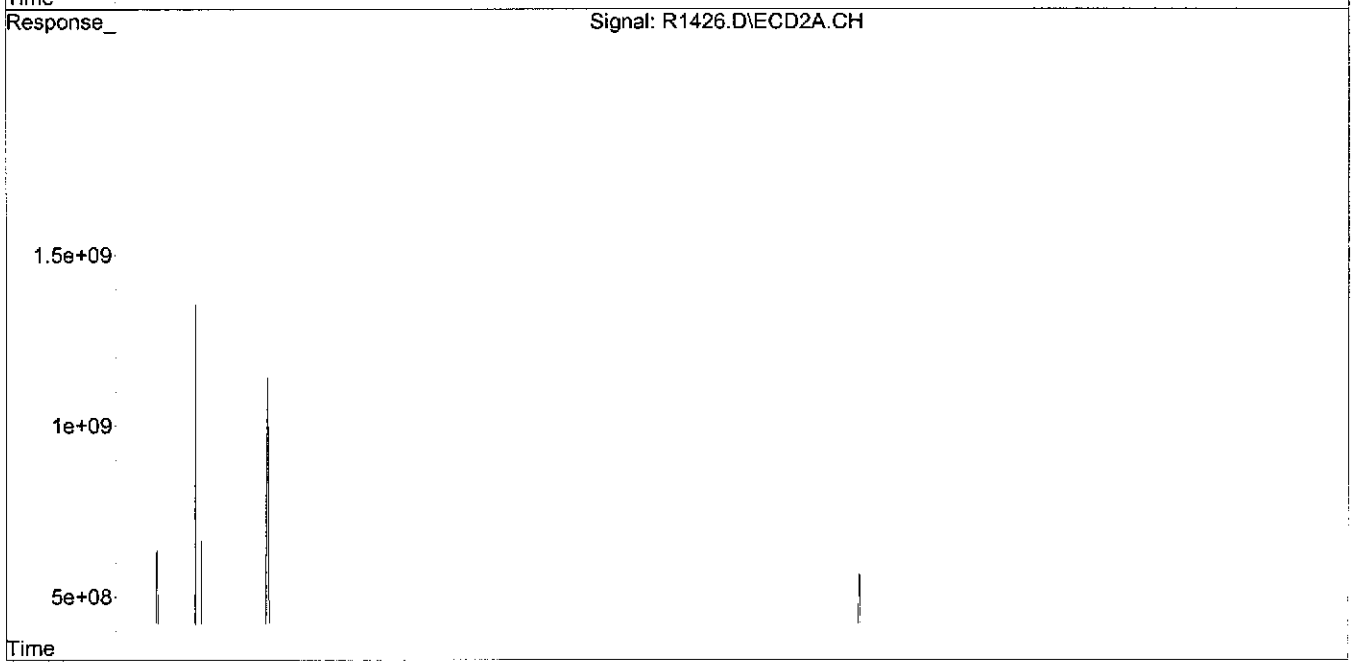
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-10-12\
Data File : R1426.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 22:53
Operator : YG
Sample : KK-31_(2.0,06583-029,S,5.42g,77.6,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,1
ALS Vial : 15 Sample Multiplier: 1

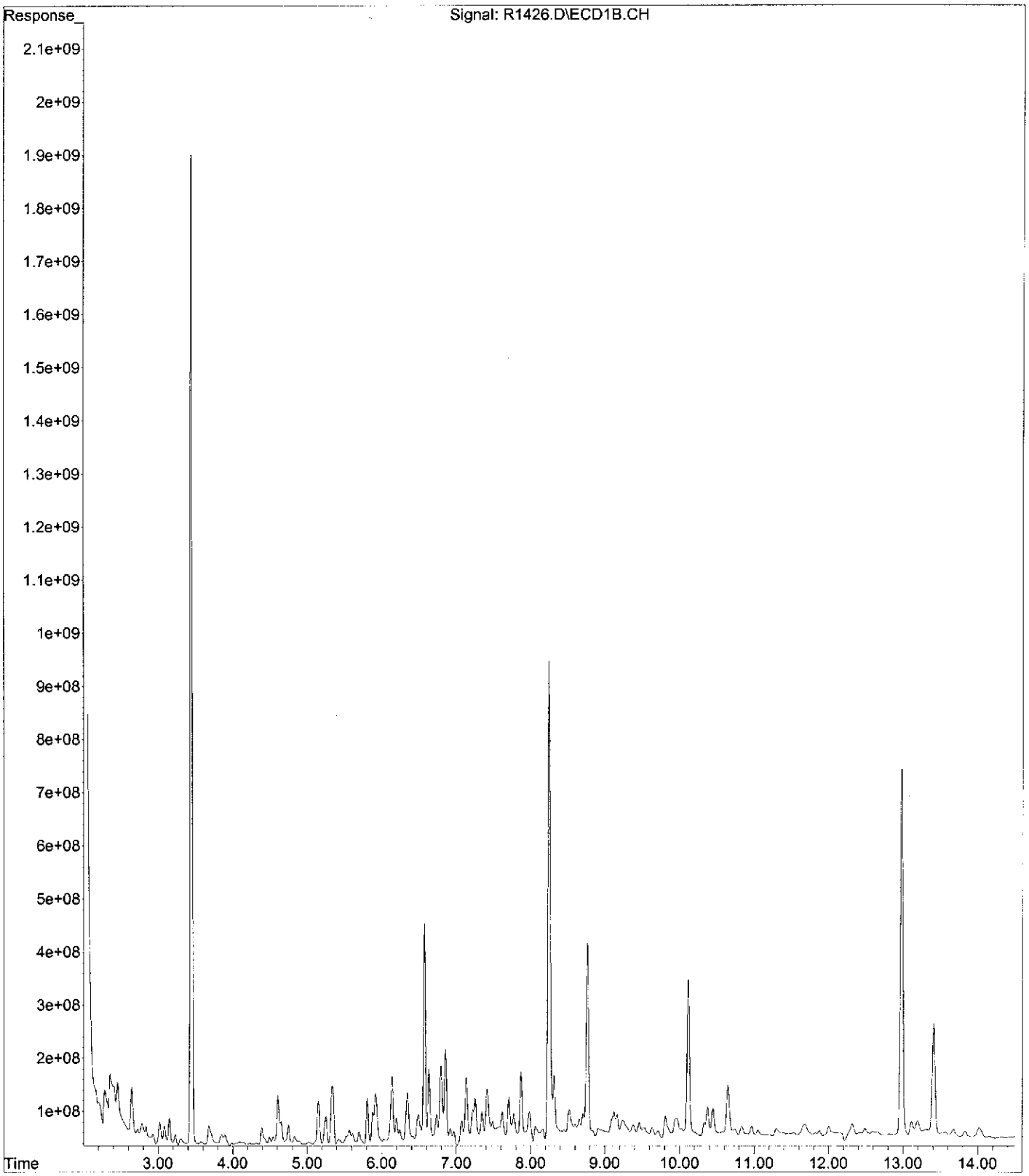
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 11:25:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

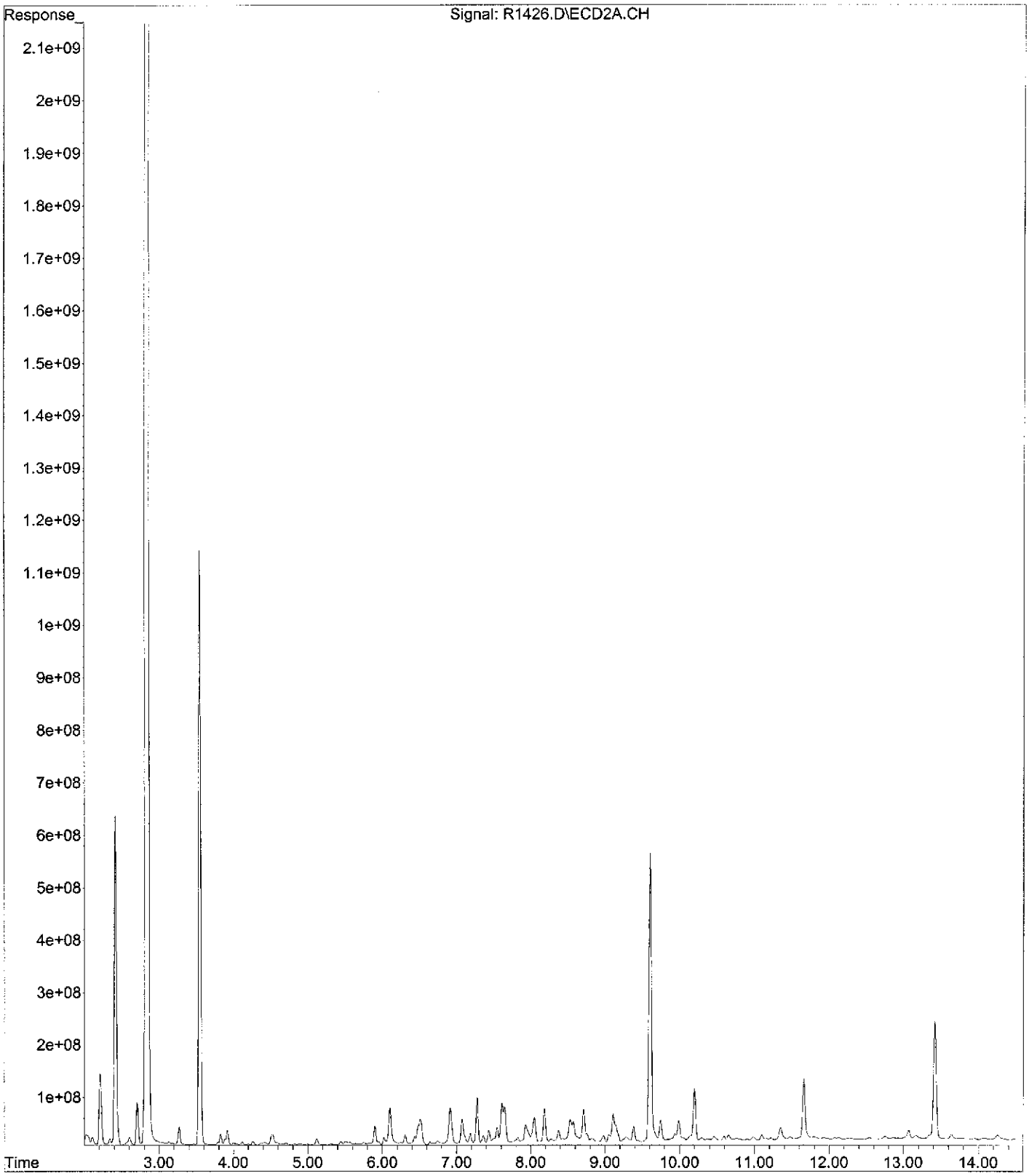




File :C:\MSDChem\1\DATA\07-10-12\R1426.D
Operator : YG
Acquired : 10 Jul 2012 22:53 using AcqMethod RPCB0709.M
Instrument : GC_R
Sample Name: KK-31_(2.0,06583-029,S,5.42g,77.6,07/05/12,4
Misc Info : 120705-04,07/02/12,07/02/12,1
Vial Number: 15



File :C:\MSDChem\1\DATA\07-10-12\R1426.D
Operator : YG
Acquired : 10 Jul 2012 22:53 using AcqMethod RPCB0709.M
Instrument : GC_R
Sample Name: KK-31_(2.0,06583-029,S,5.42g,77.6,07/05/12,4
Misc Info : 120705-04,07/02/12,07/02/12,1
Vial Number: 15



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1374.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 6:31
Operator : YG
Sample : KK-31_(4.0,06583-030,S,5.45g,21.0,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,1
ALS Vial : 36 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 10:53:13 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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	3.44	3.54	37453.4E6	19375.5E6	234.541	216.228
Spiked Amount 200.000			Recovery	=	117.27%	108.11%
2) S DCB	12.98	13.42	10587.4E6	5394.5E6	181.548	219.663
Spiked Amount 200.000			Recovery	=	90.77%	109.83%
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

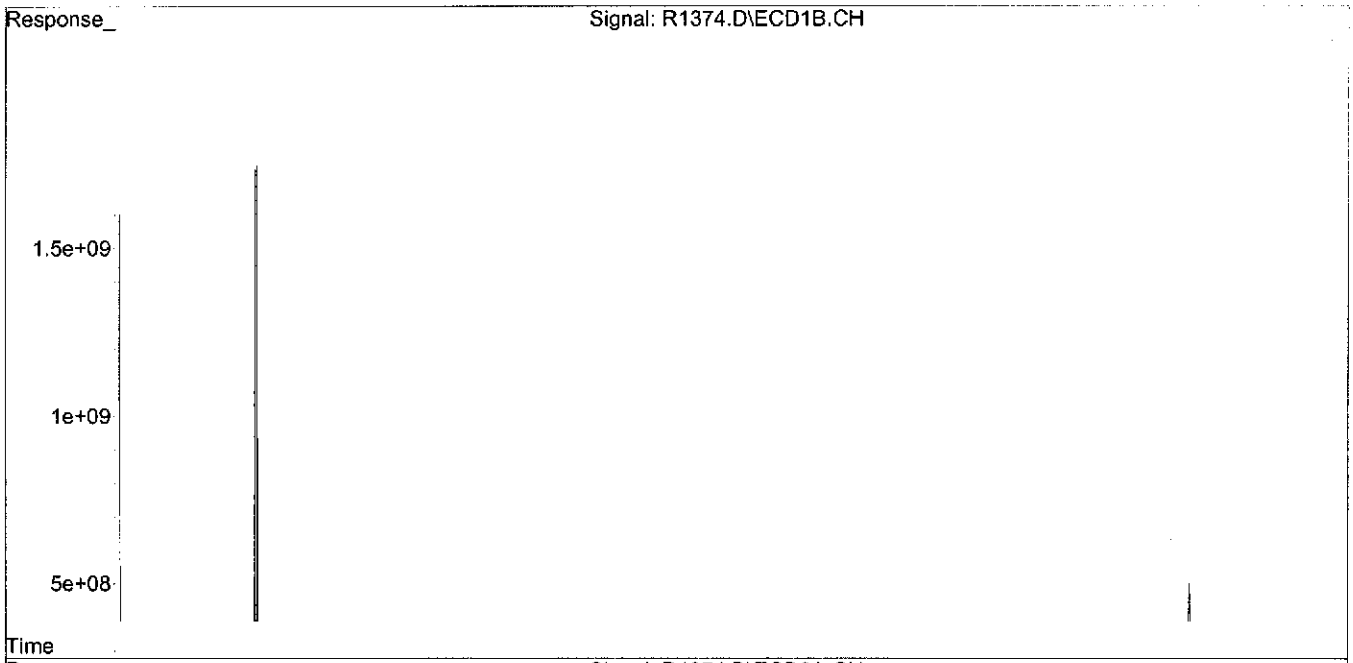
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

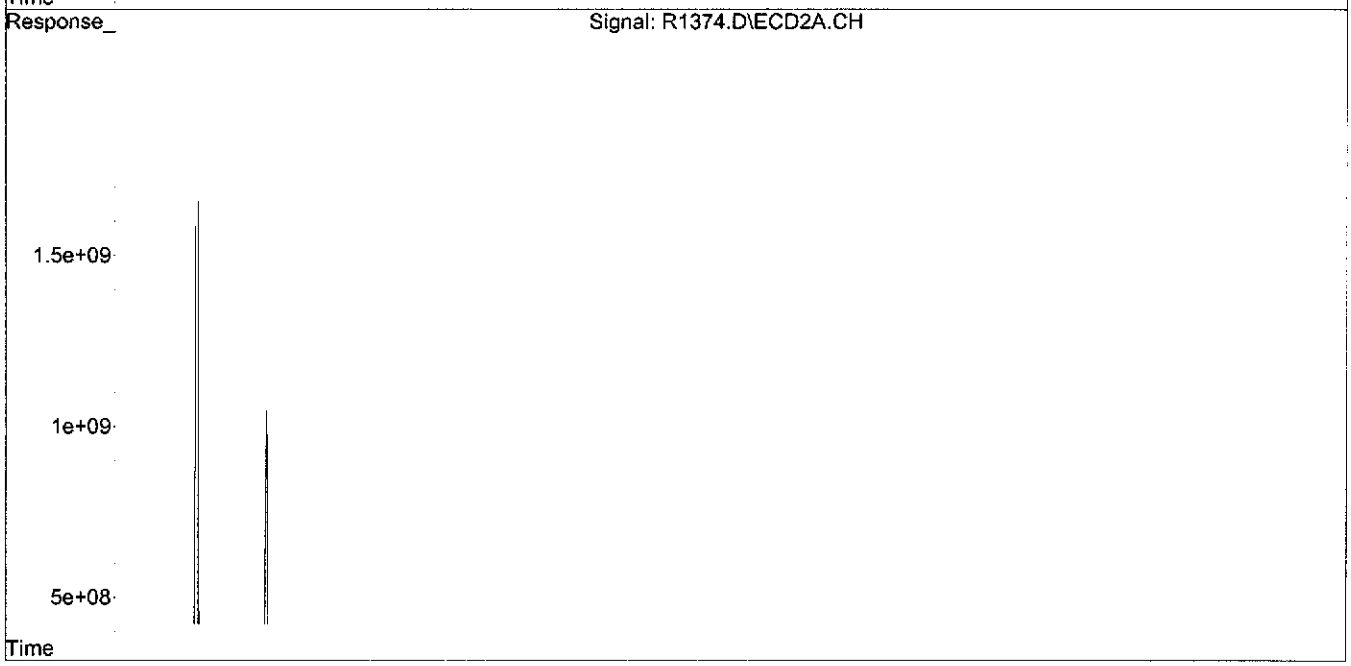
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1374.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 6:31
Operator : YG
Sample : KK-31_(4.0,06583-030,S,5.45g,21.0,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,1
ALS Vial : 36 Sample Multiplier: 1

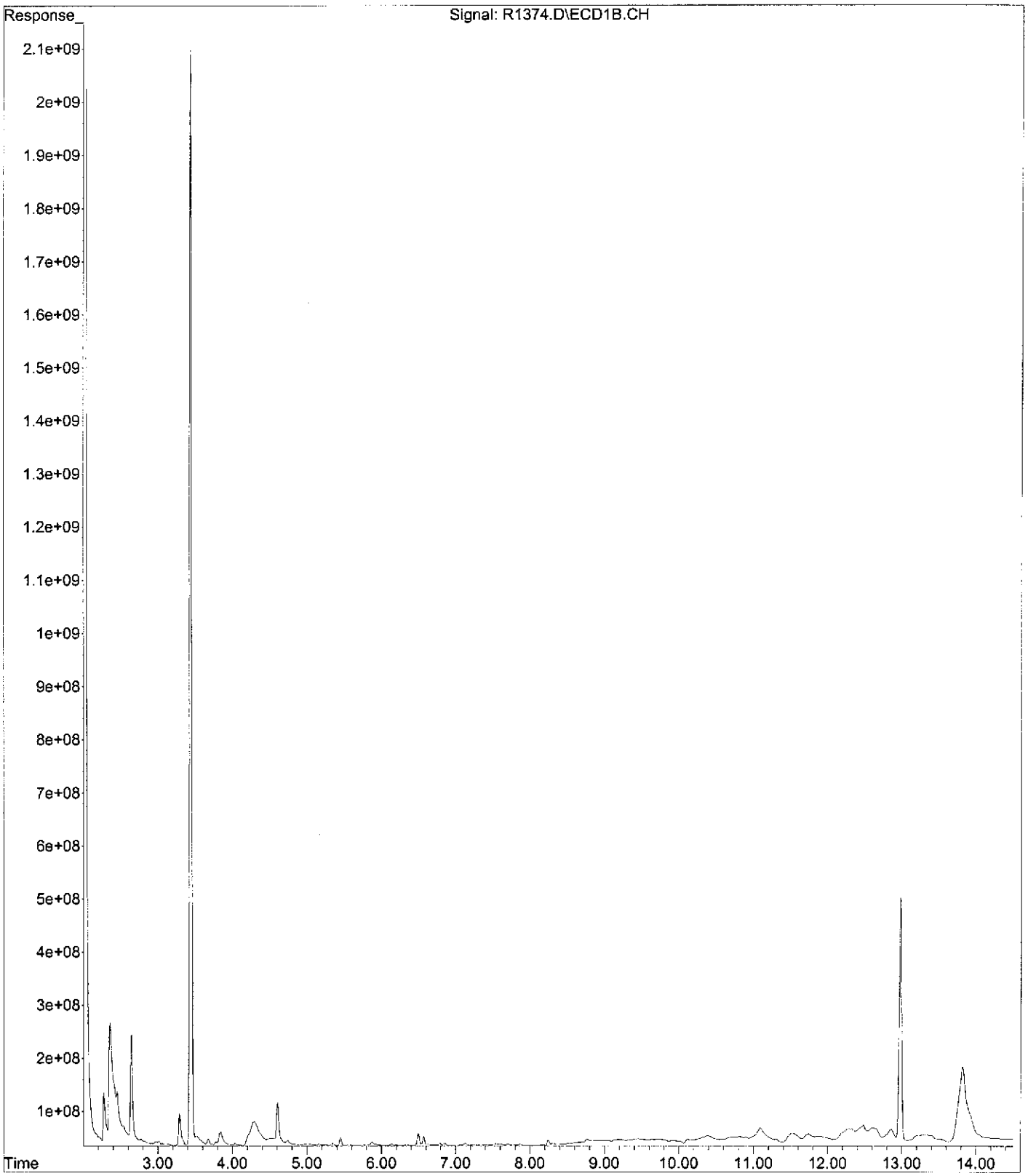
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 10:53:13 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

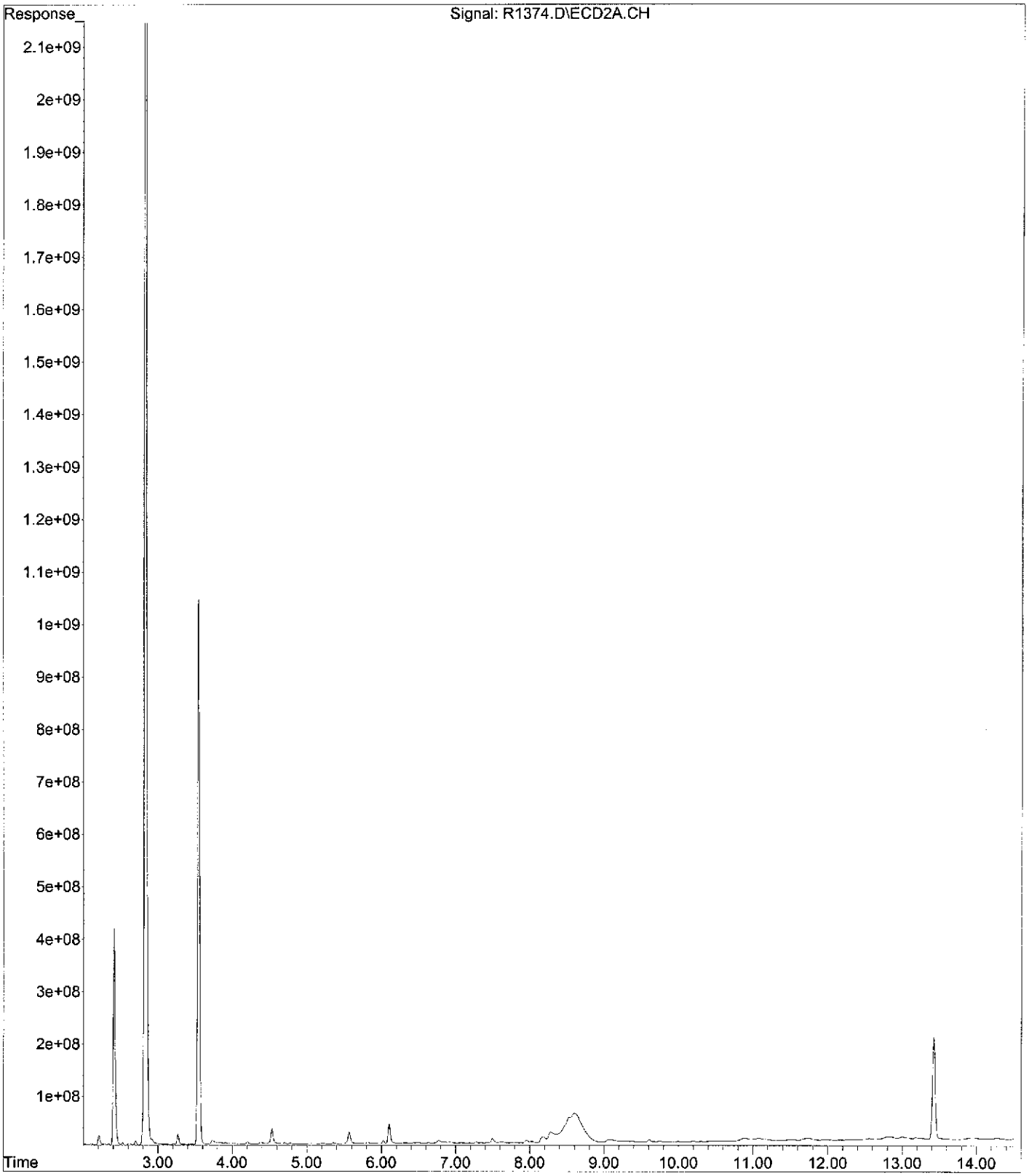




File :C:\MSDChem\1\DATA\07-09-12\R1374.D
Operator : YG
Acquired : 10 Jul 2012 6:31 using AcqMethod RPCB0709.M
Instrument : GC_R
Sample Name: KK-31_(4.0,06583-030,S,5.45g,21.0,07/05/12,4
Misc Info : 120705-04,07/02/12,07/02/12,1
Vial Number: 36



File :C:\MSDChem\1\DATA\07-09-12\R1374.D
Operator : YG
Acquired : 10 Jul 2012 6:31 using AcqMethod RPCB0709.M
Instrument : GC_R
Sample Name: KK-31_(4.0,06583-030,S,5.45g,21.0,07/05/12,4
Misc Info : 120705-04,07/02/12,07/02/12,1
Vial Number: 36



Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1375.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 6:48
Operator : YG
Sample : JJ-31_(0-2,06583-031,S,5.12g,35.4,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,1000
ALS Vial : 37 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 10:53:41 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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	5.25	5.90	2978.6E6	1505.5E6	379.087	392.985	
24) L6 Aroclor-1248 {2}	5.80	6.52	1027.0E6	1837.0E6	233.834	571.702	#
25) L6 Aroclor-1248 {3}	6.14	6.92	969.7E6	831.4E6	224.052	204.904	
26) L6 Aroclor-1248 {4}	6.85	7.07	2283.9E6	779.6E6	263.952	226.899	
27) L6 Aroclor-1248 {5}	7.13	7.43	1554.7E6	461.0E6	217.413	237.271	
Sum Aroclor-1248			8813.9E6	5414.5E6	1318.337	1633.761	
Average Aroclor-1248					263.667	326.752	
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	

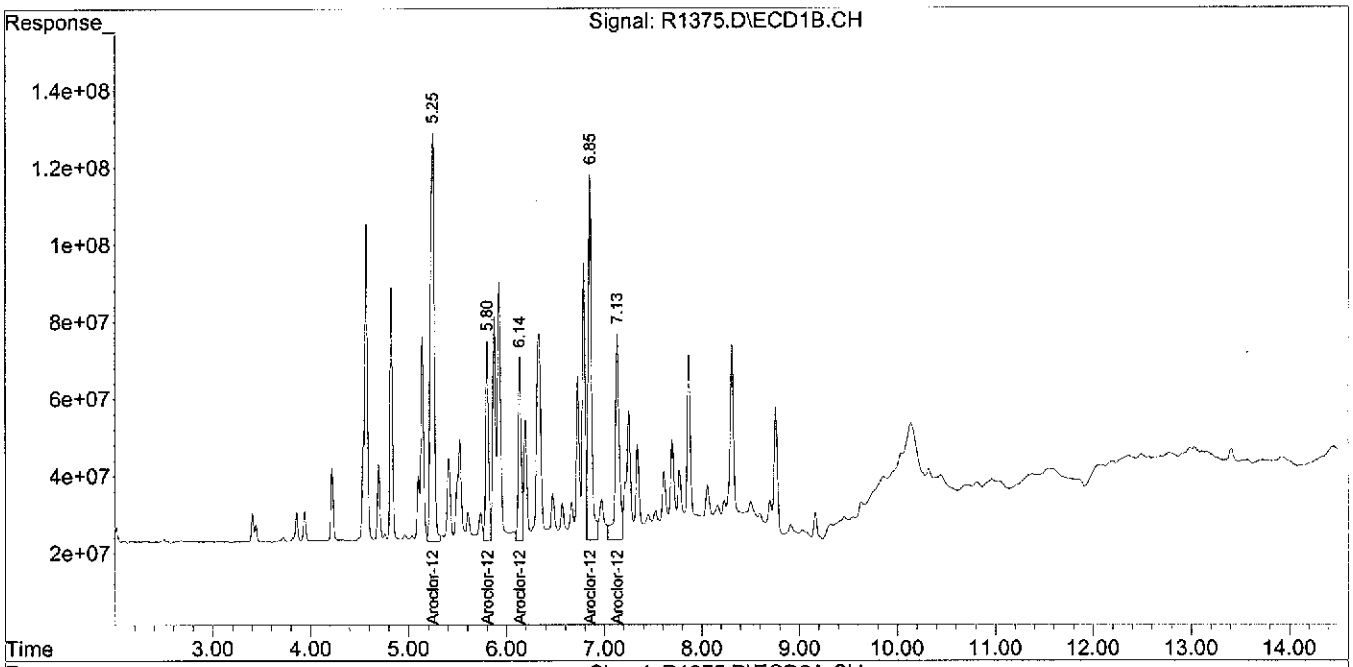
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

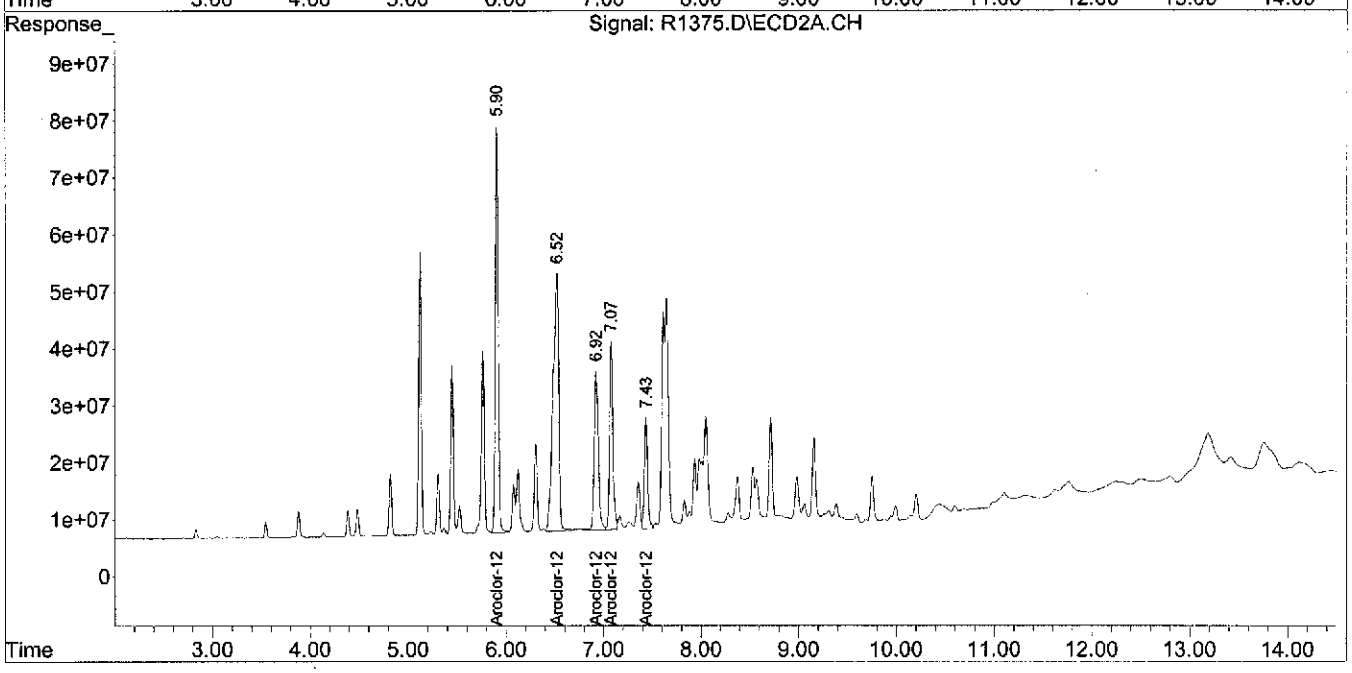
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1375.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 6:48
Operator : YG
Sample : JJ-31_(0-2,06583-031,S,5.12g,35.4,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,1000
ALS Vial : 37 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 10:53:41 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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\07-10-12\
Data File : R1427.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 23:11
Operator : YG
Sample : JJ-31_(2.0,06583-032,S,5.83g,62.2,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,100
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 11:26:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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	5.23	5.90	2162.0E6	1117.7E6	275.151	291.747
24) L6 Aroclor-1248 {2}	5.81	6.52	533.6E6	1412.4E6	121.488	439.565 #
25) L6 Aroclor-1248 {3}	6.14	6.92	315.9E6	295.6E6	73.000	72.856
26) L6 Aroclor-1248 {4}	6.86	7.07	410.1E6	194.5E6	47.392	56.596
27) L6 Aroclor-1248 {5}	7.14	7.43	346.0E6	82131843	48.386	42.271
Sum Aroclor-1248			3767.6E6	3102.3E6	565.416	903.035
Average Aroclor-1248					113.083	180.607
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

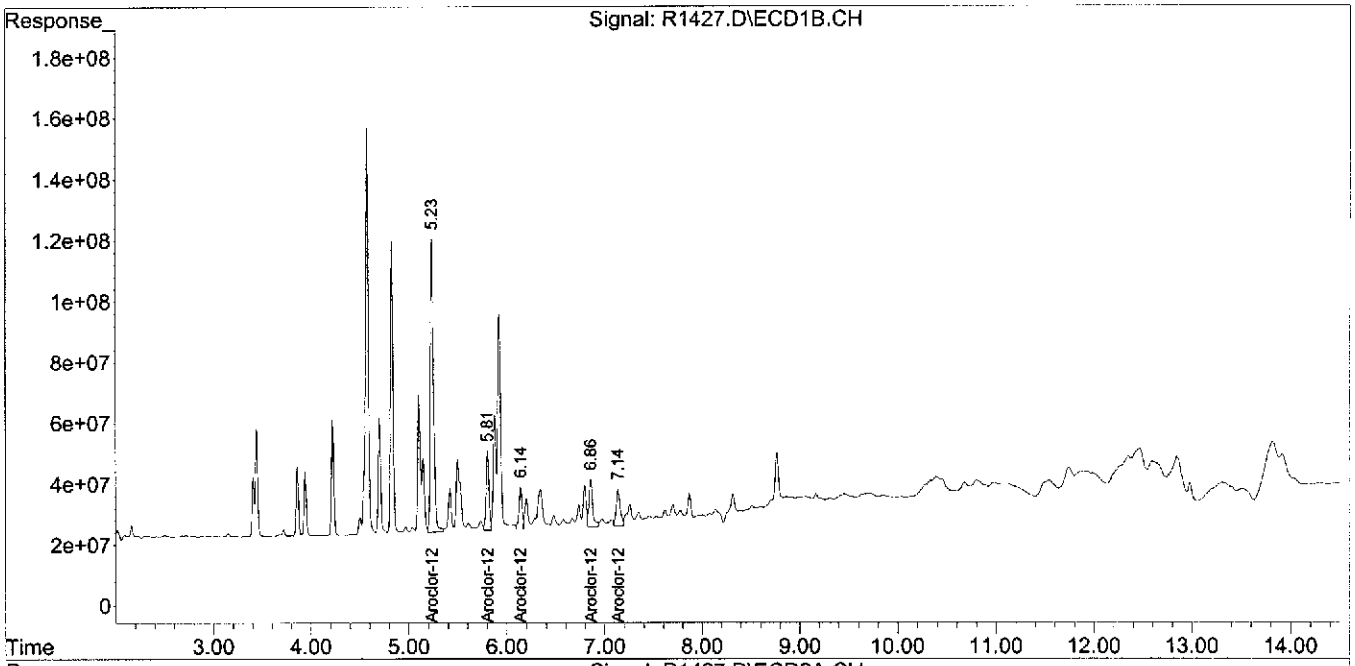
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

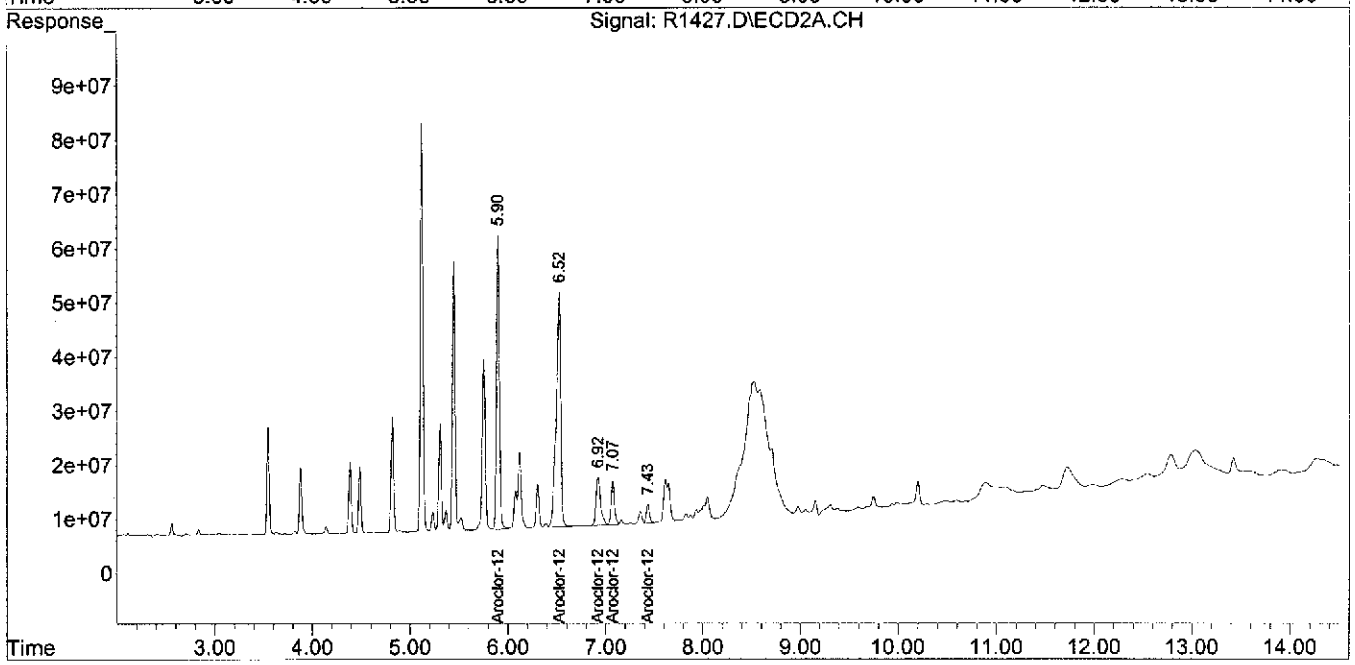
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-10-12\
Data File : R1427.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 23:11
Operator : YG
Sample : JJ-31_(2.0,06583-032,S,5.83g,62.2,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,100
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 11:26:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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\07-09-12\
Data File : R1377.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 7:23
Operator : YG
Sample : JJ-31_(4.0,06583-033,S,5.64g,20.5,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,1
ALS Vial : 39 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 10:54:13 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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	3.44	3.54	40054.3E6	19751.6E6	250.828	220.425
Spiked Amount 200.000			Recovery	=	125.41%	110.21%
2) S DCB	12.98	13.42	16941.5E6	5757.7E6	290.505m	234.453m
Spiked Amount 200.000			Recovery	=	145.25%	117.23%
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	5.23	5.90	907.8E6	497.6E6	115.531	129.901
24) L6 Aroclor-1248 {2}	5.80	6.52	279.7E6	626.4E6	63.685	194.962 #
25) L6 Aroclor-1248 {3}	6.14	6.92	250.1E6	348.5E6	57.792	85.884 #
26) L6 Aroclor-1248 {4}	6.85	7.07	348.9E6	281.5E6	40.323	81.920 #
27) L6 Aroclor-1248 {5}	7.13	7.43	332.1E6	74455256	46.442	38.320
Sum Aroclor-1248			2118.6E6	1828.5E6	323.774	530.988
Average Aroclor-1248					64.755	106.198
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

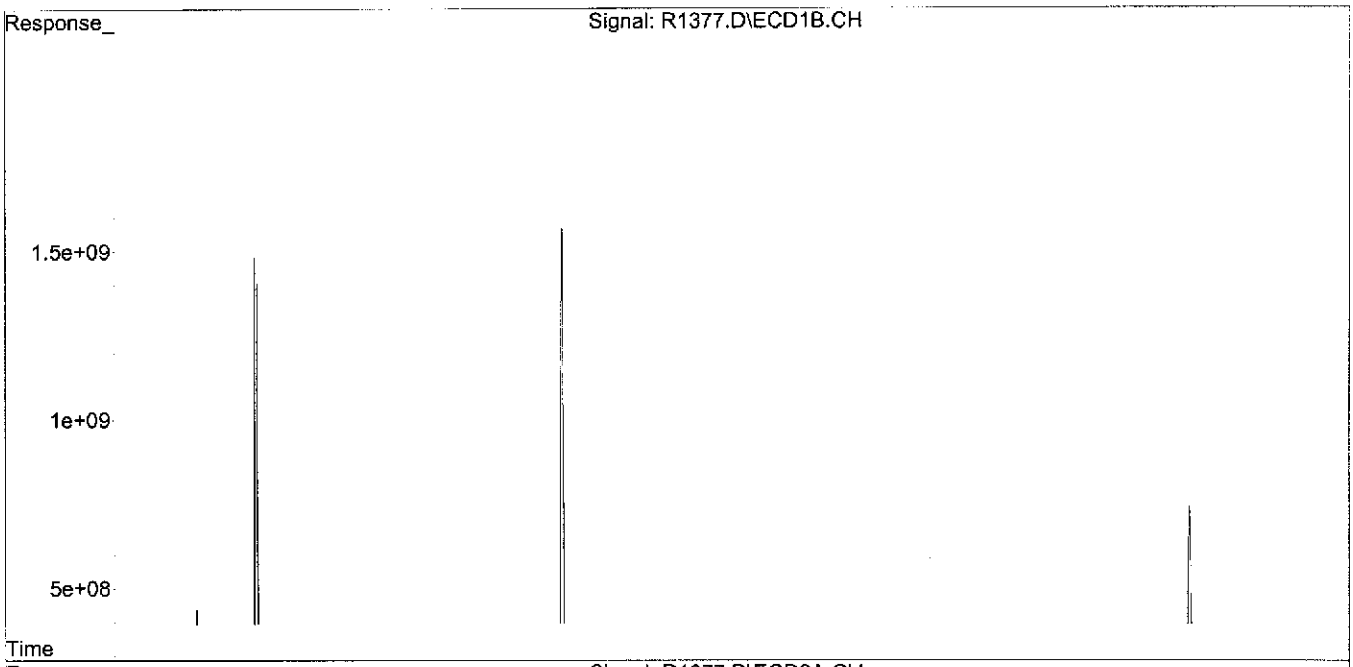
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

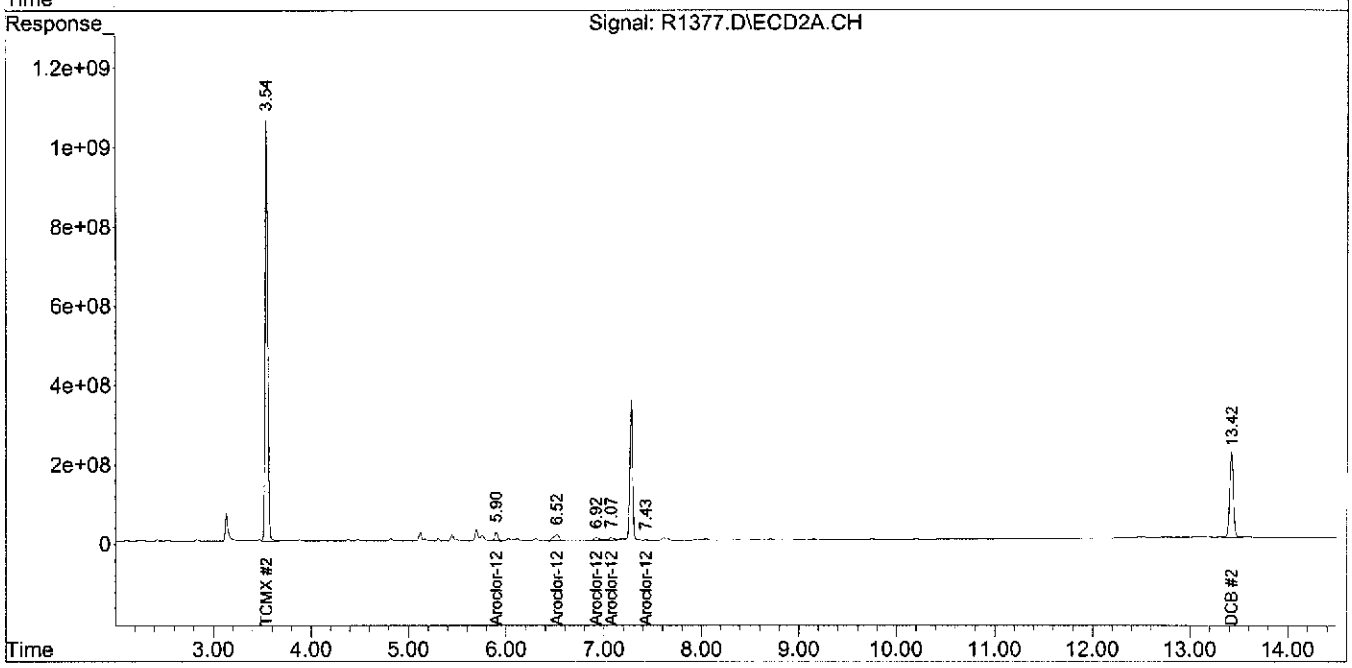
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1377.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 7:23
Operator : YG
Sample : JJ-31_(4.0,06583-033,S,5.64g,20.5,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,1
ALS Vial : 39 Sample Multiplier: 1

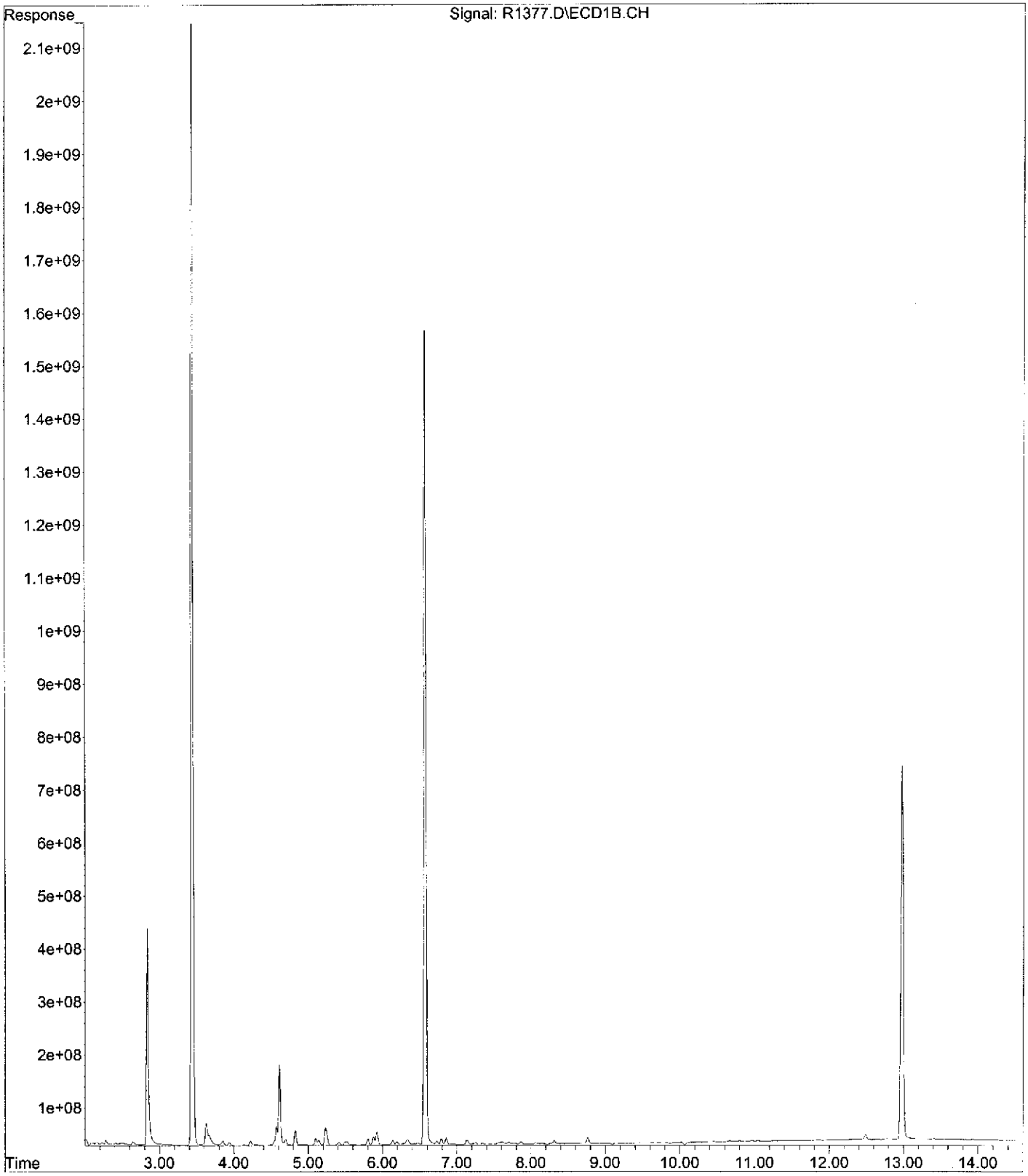
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 10:54:13 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





File :C:\MSDChem\1\DATA\07-09-12\R1377.D
Operator : YG
Acquired : 10 Jul 2012 7:23 using AcqMethod RPCB0709.M
Instrument : GC_R
Sample Name: JJ-31_(4.0,06583-033,S,5.64g,20.5,07/05/12,4
Misc Info : 120705-04,07/02/12,07/02/12,1
Vial Number: 39



Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1378.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 7:41
Operator : YG
Sample : II-31_(0-2,06583-034,S,5.79g,15.9,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,1000
ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 10:54:39 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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	5.25	5.90	3643.4E6	1751.2E6	463.694	457.125
24) L6 Aroclor-1248 {2}	5.80	6.51	2518.7E6	1828.0E6	573.454	568.908
25) L6 Aroclor-1248 {3}	6.14	6.92	3187.2E6	2221.8E6	736.432	547.577 #
26) L6 Aroclor-1248 {4}	6.85	7.07	5779.4E6	1921.1E6	667.927	559.121
27) L6 Aroclor-1248 {5}	7.13	7.43	4798.9E6	1138.3E6	671.108	585.869
Sum Aroclor-1248			19927.6E6	8860.4E6	3112.615	2718.600
Average Aroclor-1248					622.523	543.720
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

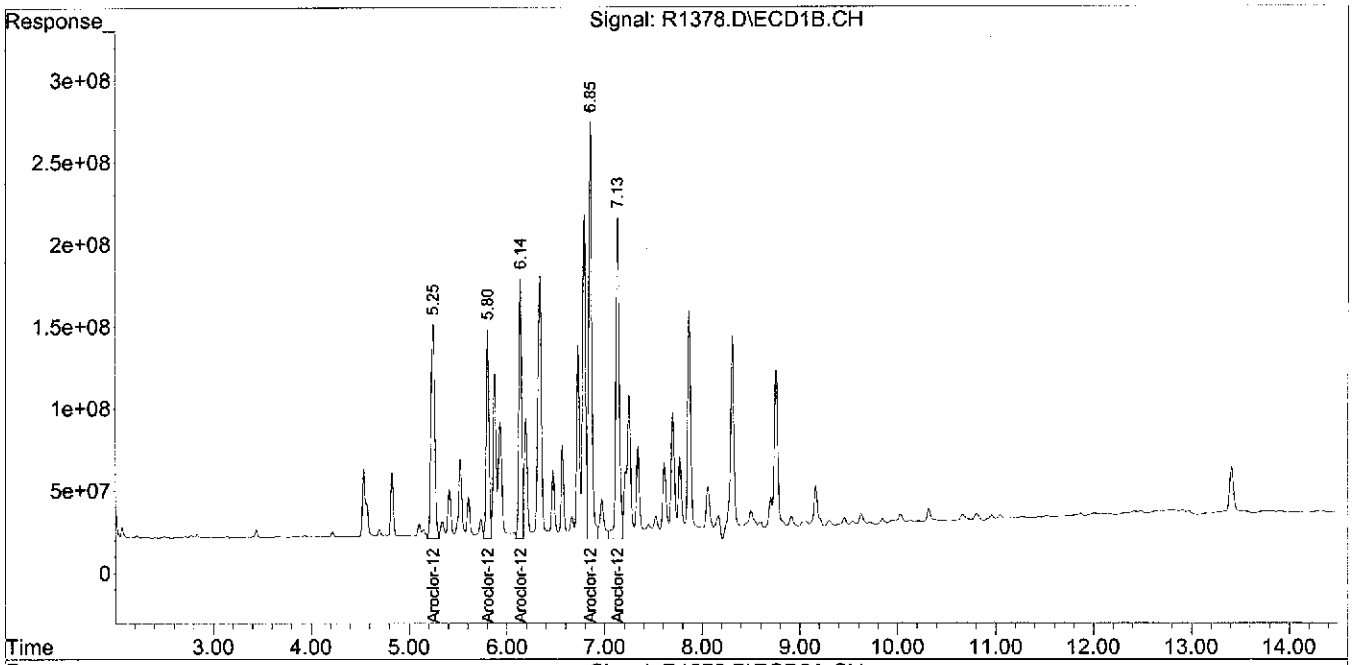
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

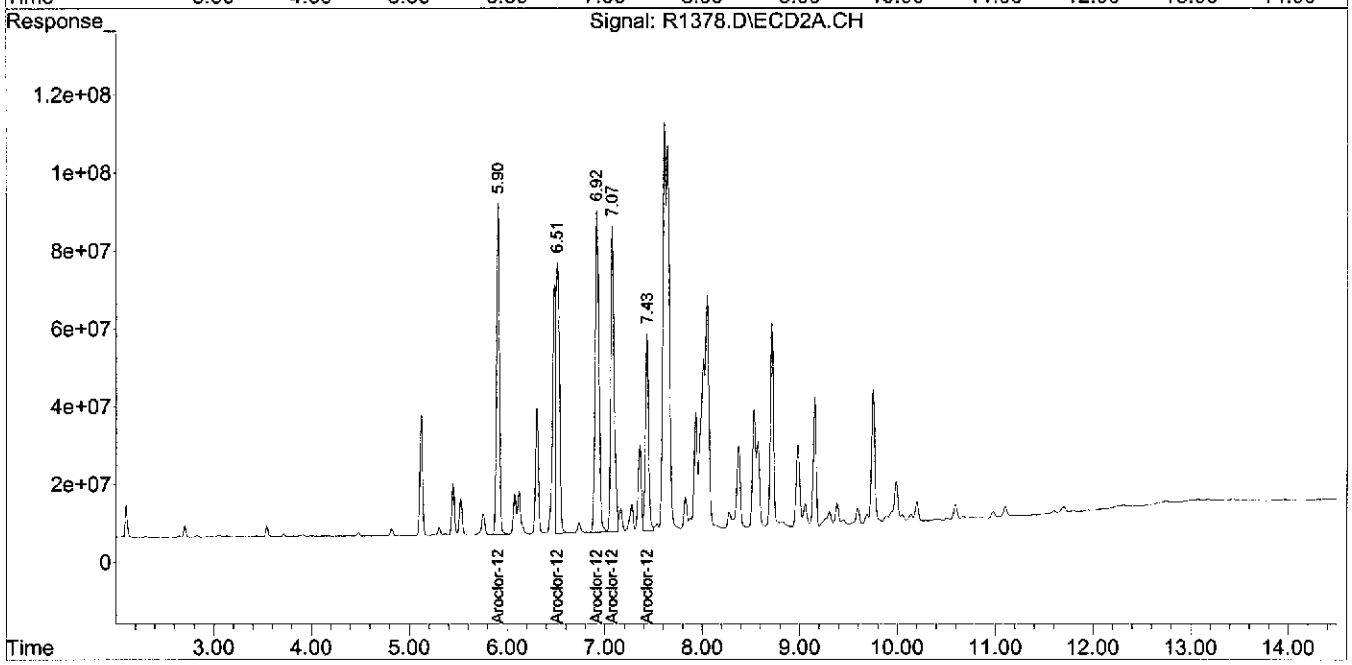
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1378.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 7:41
Operator : YG
Sample : II-31_(0-2,06583-034,S,5.79g,15.9,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,1000
ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 10:54:39 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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\07-10-12\
Data File : R1428.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 23:28
Operator : YG
Sample : II-31_(2.0,06583-035,S,5.65g,10.1,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,10
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 11:28:43 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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	3.44	3.54	3246.9E6	1767.2E6	20.333	19.721
Spiked Amount 200.000			Recovery	=	10.17%	9.86%
2) S DCB	12.98	13.42	1050.5E6	394.3E6	18.014m	16.055m
Spiked Amount 200.000			Recovery	=	9.01%	8.03%
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	5.25	5.90	2533.5E6	1292.9E6	322.432	337.483
24) L6 Aroclor-1248 {2}	5.80	6.51	1510.5E6	1230.5E6	343.901	382.965
25) L6 Aroclor-1248 {3}	6.14	6.91	2161.7E6	1603.4E6	499.479	395.158
26) L6 Aroclor-1248 {4}	6.86	7.07	3690.5E6	1346.1E6	426.510	391.755
27) L6 Aroclor-1248 {5}	7.14	7.43	3113.2E6	800.5E6	435.375	412.013
Sum Aroclor-1248			13009.3E6	6273.3E6	2027.697	1919.373
Average Aroclor-1248					405.539	383.875
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

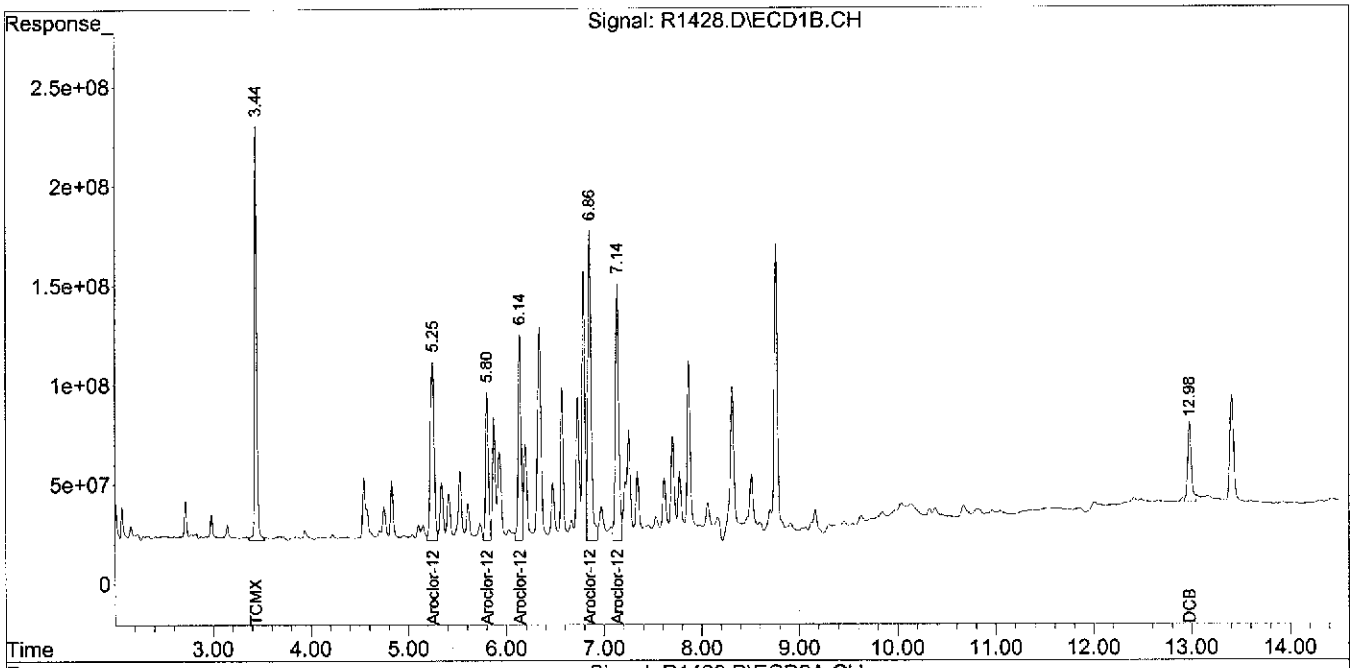
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

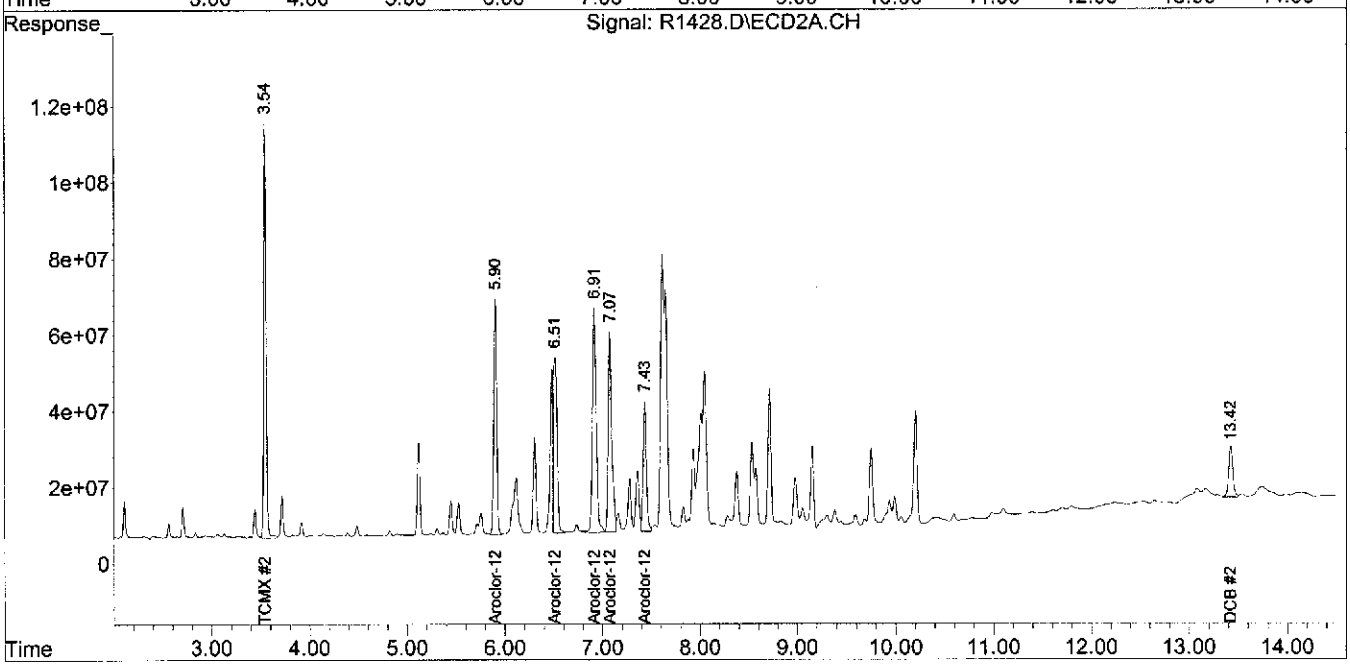
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-10-12\
Data File : R1428.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 23:28
Operator : YG
Sample : II-31_(2.0,06583-035,S,5.65g,10.1,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,10
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 11:28:43 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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\07-10-12\
Data File : R1429.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 23:45
Operator : YG
Sample : II-31_(4.0,06583-036,S,5.71g,25.7,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,1
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 11:29:11 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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	3.44	3.54	37394.7E6	19123.0E6	234.173	213.410
Spiked Amount 200.000			Recovery	=	117.09%	106.71%
2) S DCB	12.98	13.42	14172.9E6	5278.4E6	243.030m	214.936m
Spiked Amount 200.000			Recovery	=	121.52%	107.47%
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	5.25	5.90	888.9E6	415.1E6	113.125	108.355
24) L6 Aroclor-1248 {2}	5.81	6.51	830.9E6	438.8E6	189.186	136.553 #
25) L6 Aroclor-1248 {3}	6.13	6.91	1919.5E6	525.9E6	443.521	129.612 #
26) L6 Aroclor-1248 {4}	6.86	7.07	1380.8E6	435.5E6	159.581	126.750
27) L6 Aroclor-1248 {5}	7.14	7.43	1246.4E6	255.8E6	174.302	131.665
Sum Aroclor-1248			6266.5E6	2071.1E6	1079.716	632.935
Average Aroclor-1248					215.943	126.587
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

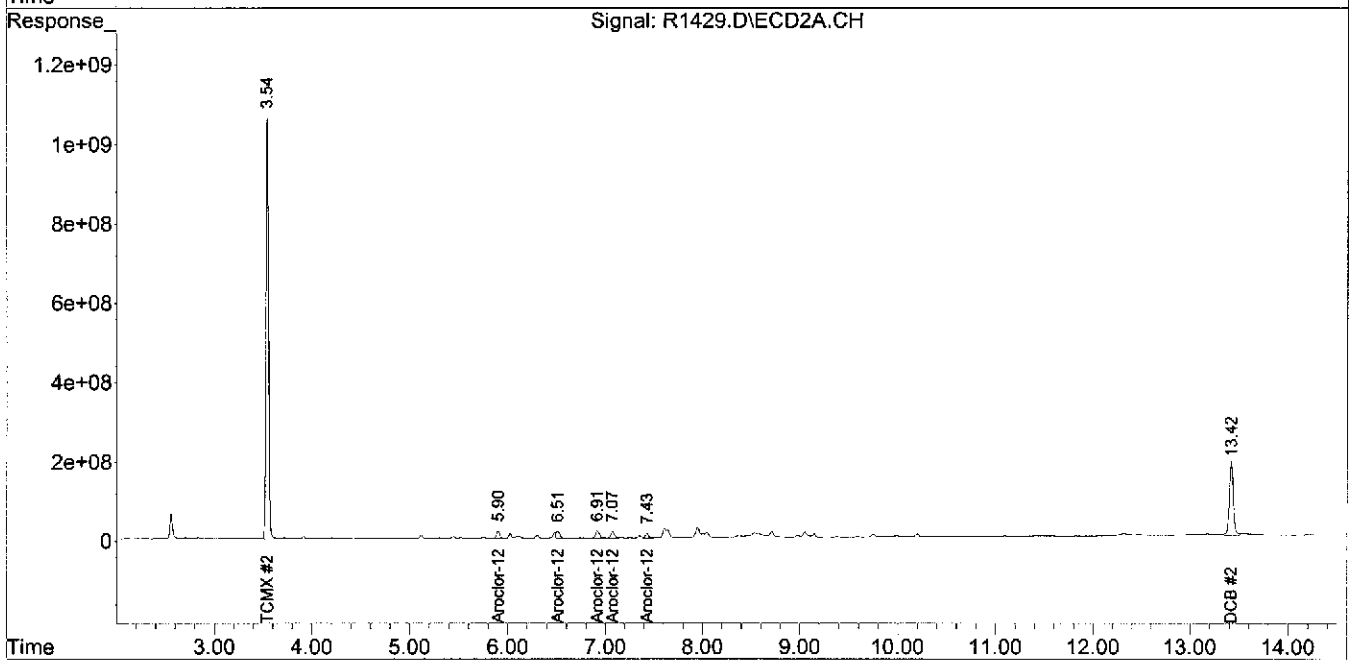
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

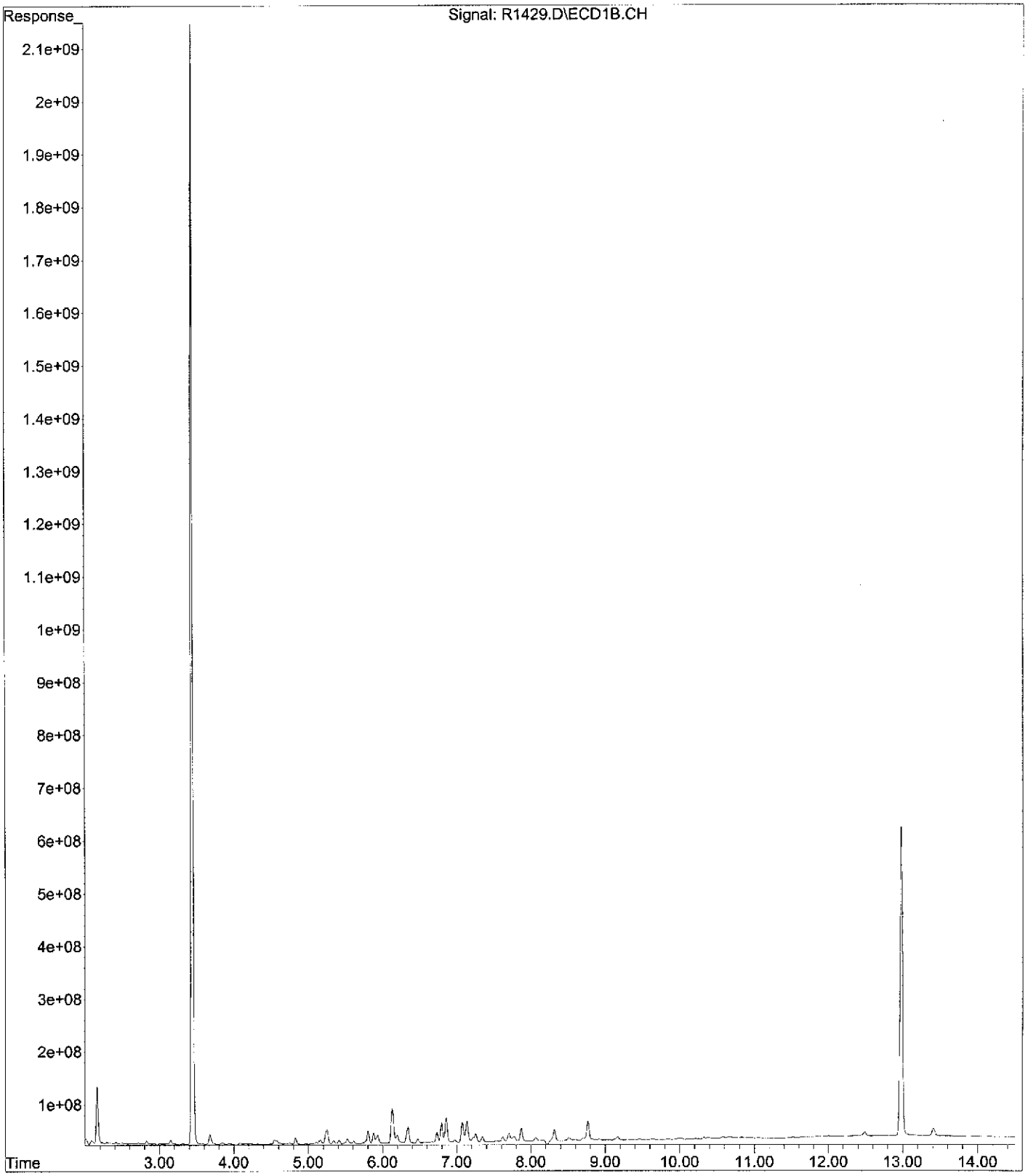
Data Path : C:\MSDCHEM\1\DATA\07-10-12\
Data File : R1429.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 23:45
Operator : YG
Sample : II-31_(4.0,06583-036,S,5.71g,25.7,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,1
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 11:29:11 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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\07-10-12\R1429.D
Operator : YG
Acquired : 10 Jul 2012 23:45 using AcqMethod RPCB0709.M
Instrument : GC_R
Sample Name: II-31_(4.0,06583-036,S,5.71g,25.7,07/05/12,4
Misc Info : 120705-04,07/02/12,07/02/12,1
Vial Number: 18



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1381.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 8:33
Operator : YG
Sample : HH-31_(0-2,06583-037,S,5.31g,15.2,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,100
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 10:55:12 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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	5.25	5.90	5083.4E6	1932.6E6	646.962	504.483
24) L6 Aroclor-1248 {2}	5.80	6.51	3066.0E6	2139.4E6	698.072	665.838
25) L6 Aroclor-1248 {3}	6.14	6.92	4088.2E6	2824.2E6	944.618	696.032 #
26) L6 Aroclor-1248 {4}	6.85	7.07	7274.9E6	2342.9E6	840.769	681.879
27) L6 Aroclor-1248 {5}	7.13	7.43	6048.9E6	1457.4E6	845.914	750.095
Sum Aroclor-1248			25561.5E6	10696.5E6	3976.335	3298.328
Average Aroclor-1248					795.267	659.666
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

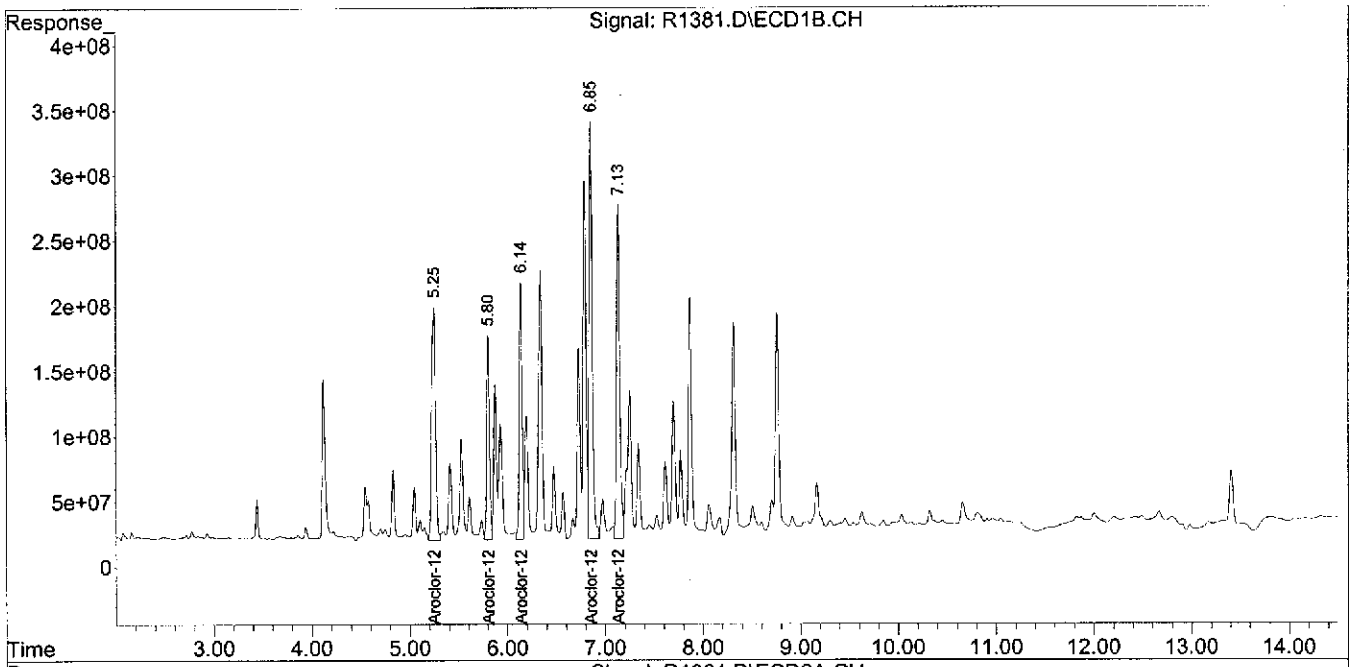
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

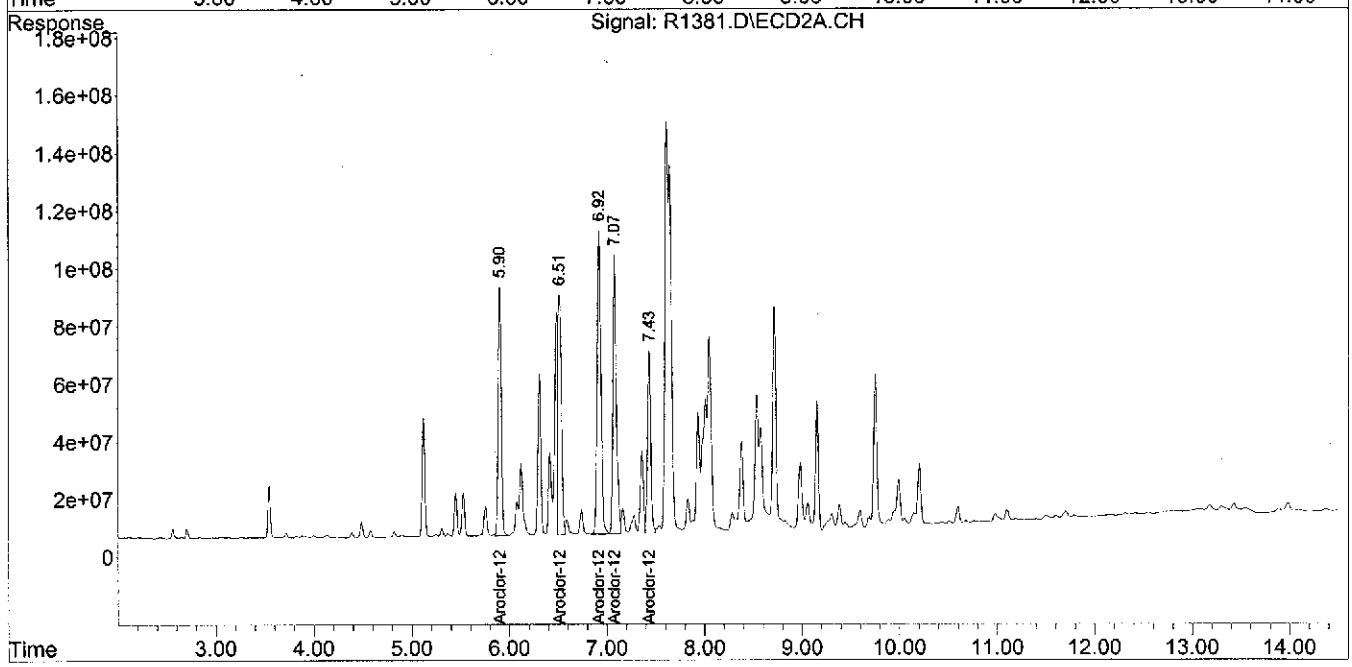
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1381.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 8:33
Operator : YG
Sample : HH-31_(0-2,06583-037,S,5.31g,15.2,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,100
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 10:55:12 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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\07-10-12\
Data File : R1430.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Jul 2012 00:02
Operator : YG
Sample : HH-31_(2.0,06583-038,S,5.51g,12.3,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,1
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 11:29:45 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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	3.44	3.54	36530.2E6	19554.5E6	228.760	218.226
Spiked Amount 200.000			Recovery	=	114.38%	109.11%
2) S DCB	12.98	13.42	14612.0E6	5963.8E6	250.560	242.846
Spiked Amount 200.000			Recovery	=	125.28%	121.42%
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
23) L6 Aroclor-1248	5.25	5.90	13177.8E6	4313.3E6	1677.122	1125.920 #
24) L6 Aroclor-1248 {2}	5.80	6.51	7800.5E6	5561.8E6	1776.027	1730.944m
25) L6 Aroclor-1248 {3}	6.14	6.91	12185.6E6	7740.1E6	2815.608	1907.599m#
26) L6 Aroclor-1248 {4}	6.86	7.07	21475.0E6	6510.3E6	2481.881	1894.756
27) L6 Aroclor-1248 {5}	7.14	7.43	18315.2E6	3723.7E6	2561.311	1916.500m#
Sum Aroclor-1248			72954.1E6	27849.2E6	11311.950	8575.719
Average Aroclor-1248					2262.390	1715.144
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

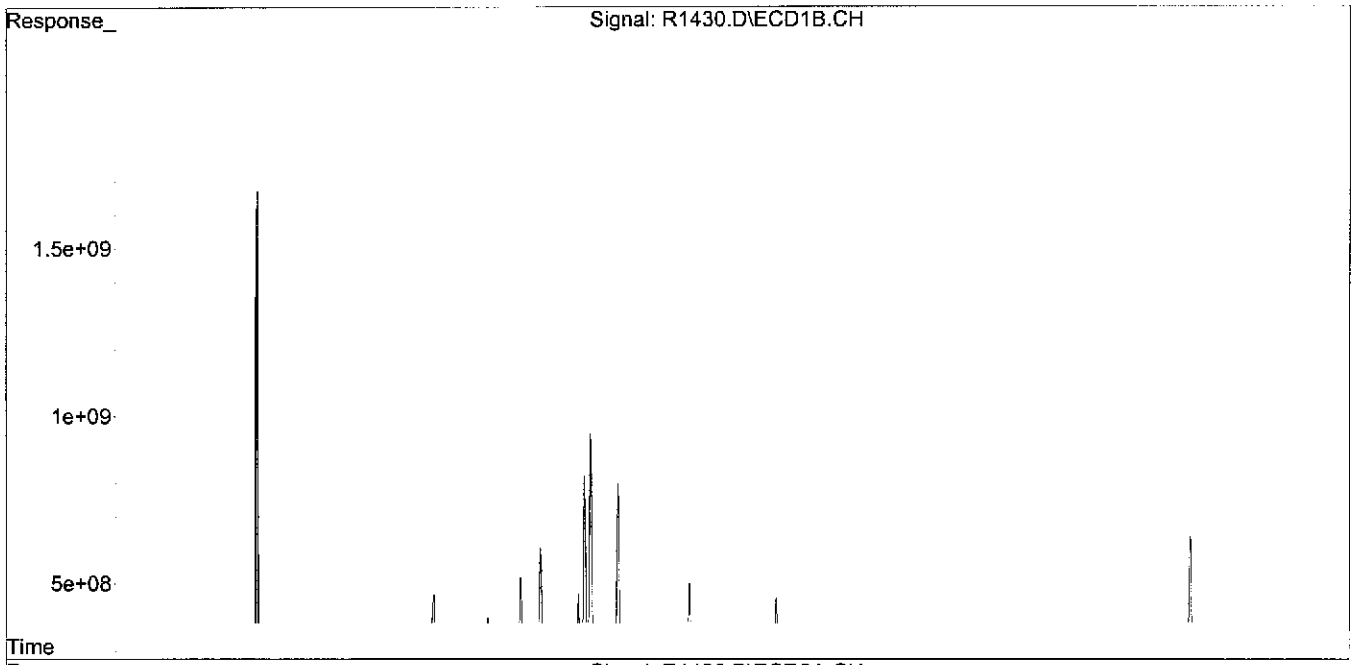
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

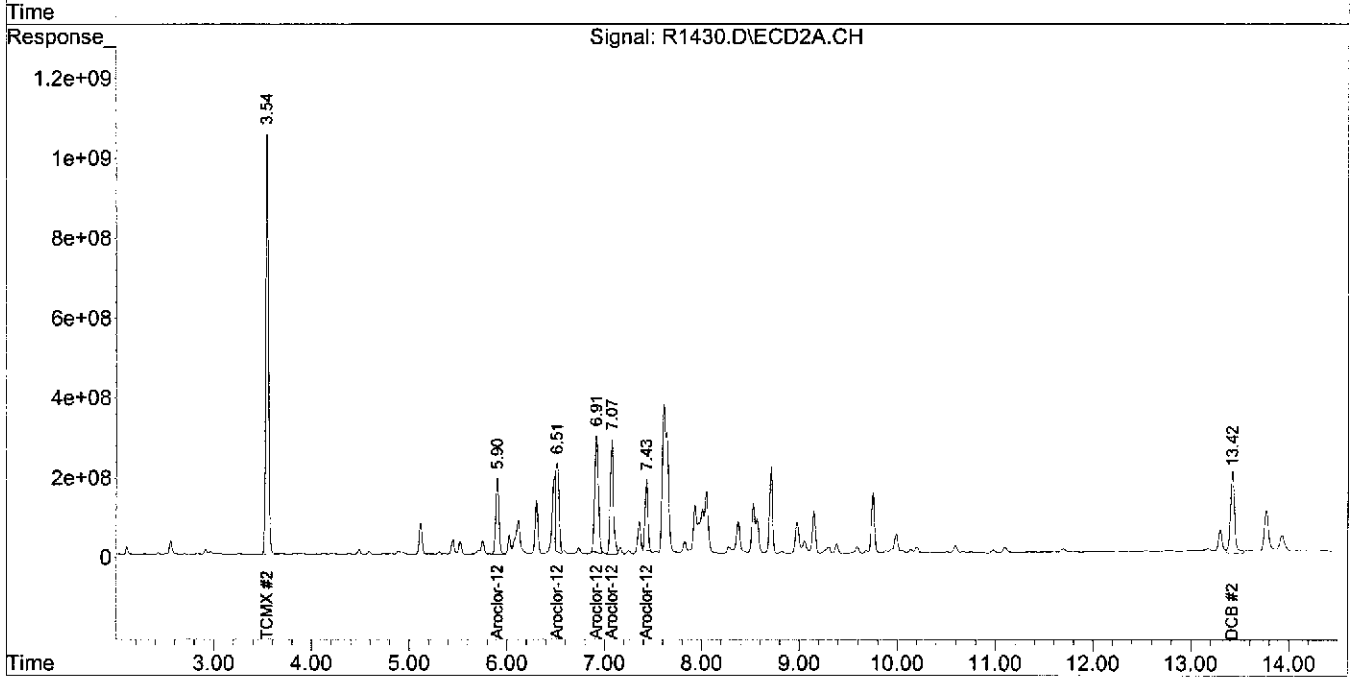
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-10-12\
Data File : R1430.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Jul 2012 00:02
Operator : YG
Sample : HH-31_(2.0,06583-038,S,5.51g,12.3,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,1
ALS Vial : 19 Sample Multiplier: 1

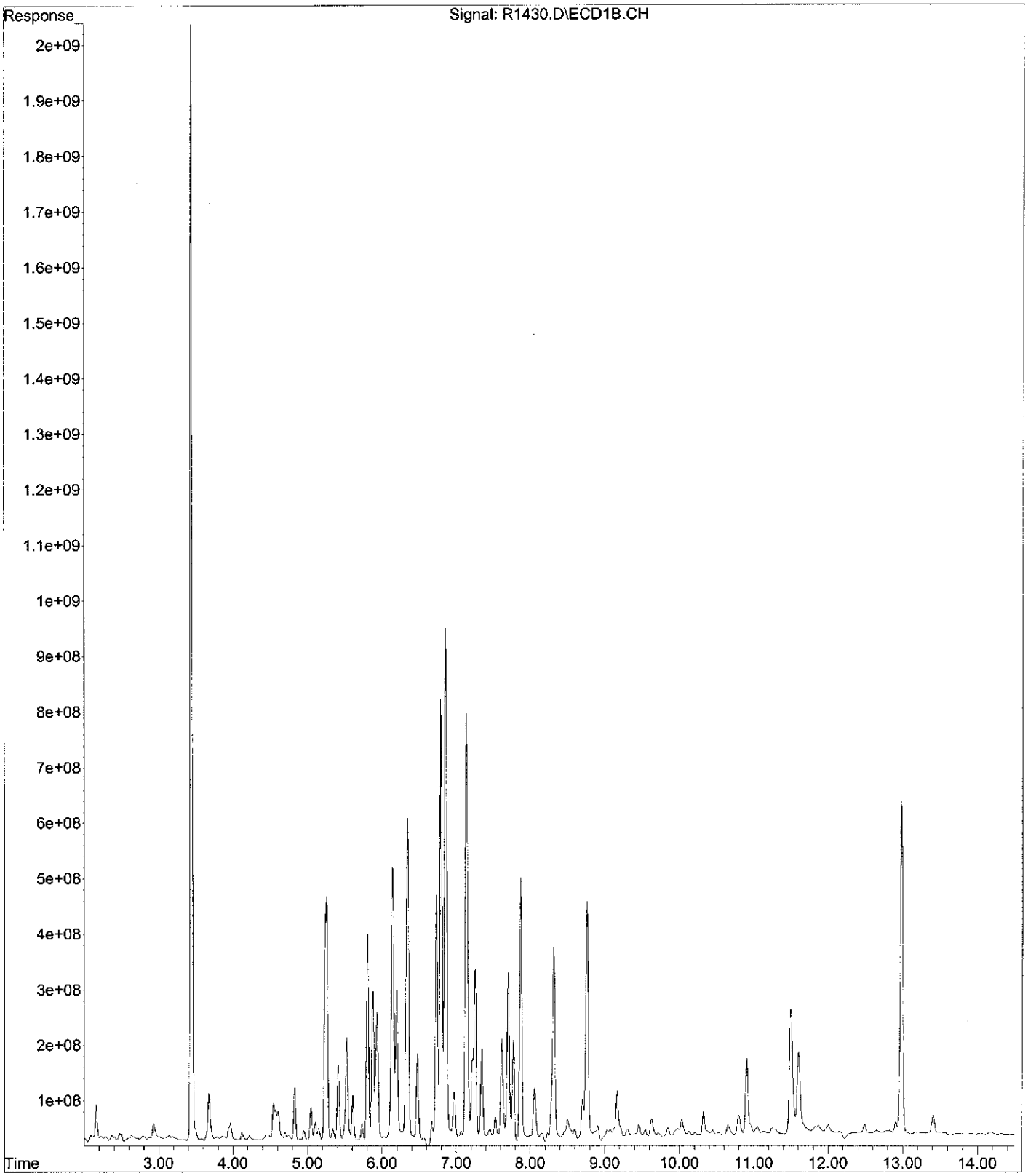
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 11:29:45 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





File :C:\MSDChem\1\DATA\07-10-12\R1430.D
Operator : YG
Acquired : 11 Jul 2012 00:02 using AcqMethod RPCB0709.M
Instrument : GC_R
Sample Name: HH-31_(2.0,06583-038,S,5.51g,12.3,07/05/12,4
Misc Info : 120705-04,07/02/12,07/02/12,1
Vial Number: 19



Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1383.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 9:08
Operator : YG
Sample : HH-31_(4.0,06583-039,S,5.64g,31.4,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,1
ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 10:57:41 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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	3.44	3.54	40760.5E6	20406.2E6	255.251	227.731
Spiked Amount 200.000			Recovery	=	127.63%	113.87%
2) S DCB	12.98	13.42	17254.4E6	5924.6E6	295.871m	241.249m
Spiked Amount 200.000			Recovery	=	147.94%	120.62%
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
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

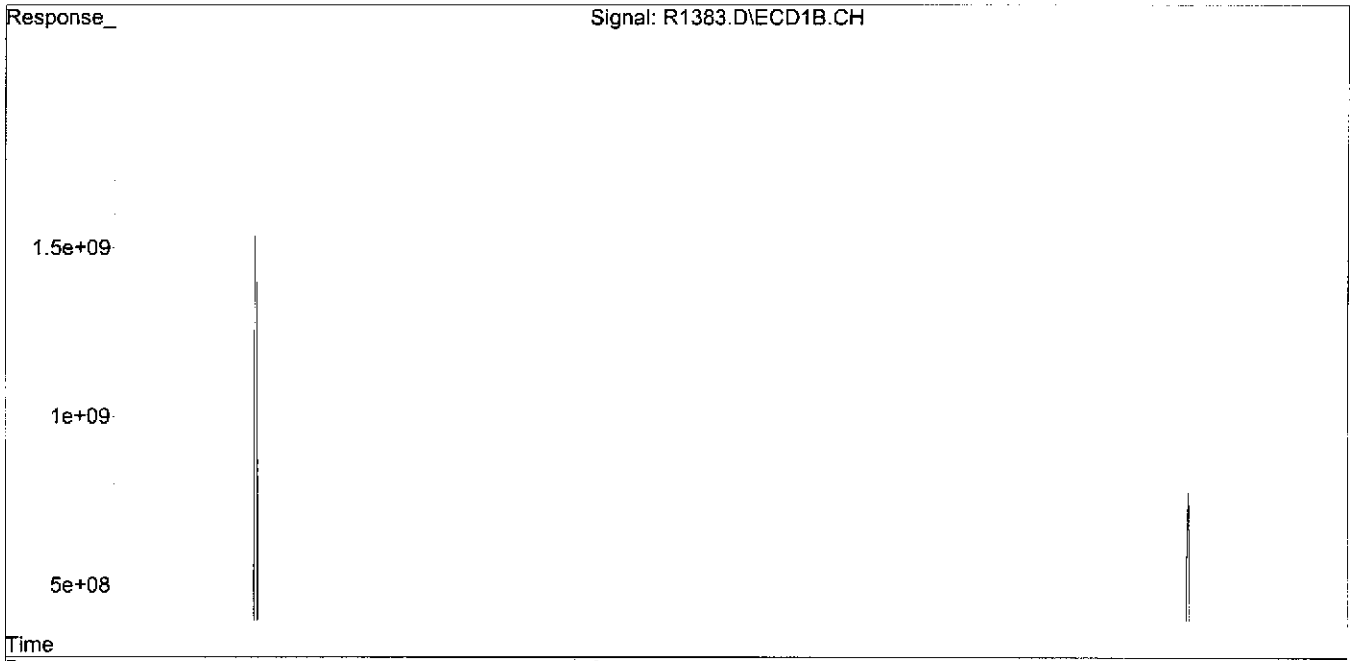
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

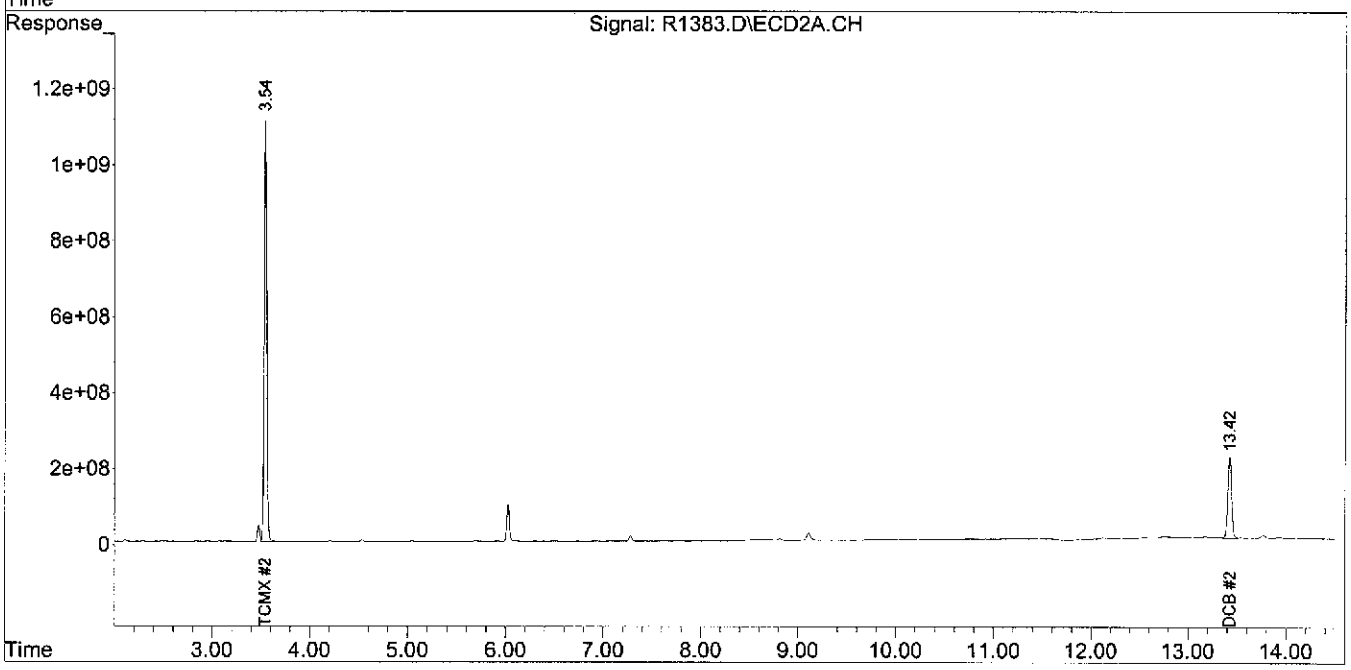
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1383.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 9:08
Operator : YG
Sample : HH-31_(4.0,06583-039,S,5.64g,31.4,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,1
ALS Vial : 45 Sample Multiplier: 1

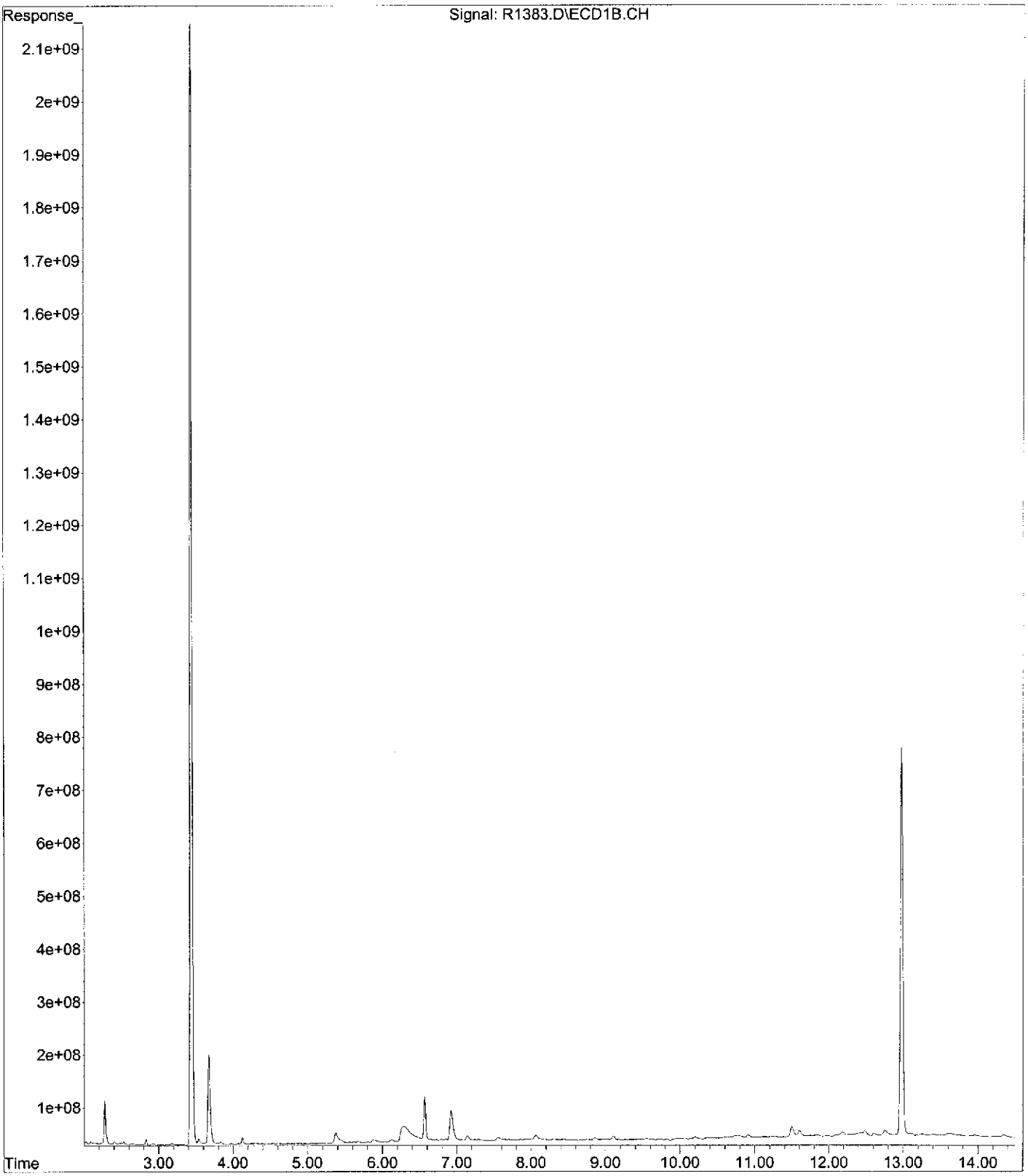
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 10:57:41 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





File :C:\MSDChem\1\DATA\07-09-12\R1383.D
Operator : YG
Acquired : 10 Jul 2012 9:08 using AcqMethod RPCB0709.M
Instrument : GC_R
Sample Name: HH-31_(4.0,06583-039,S,5.64g,31.4,07/05/12,4
Misc Info : 120705-04,07/02/12,07/02/12,1
Vial Number: 45



Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1384.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 9:26
Operator : YG
Sample : GG-31_(0-2,06583-040,S,5.44g,10.5,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,100
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 10:58:13 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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	5.25	5.90	8771.7E6	4031.2E6	1116.358	1052.285
24) L6 Aroclor-1248 {2}	5.80	6.51	5257.5E6	6066.9E6	1197.028	1888.153 #
25) L6 Aroclor-1248 {3}	6.14	6.92	6638.4E6	4446.9E6	1533.866	1095.961 #
26) L6 Aroclor-1248 {4}	6.85	7.07	10395.3E6	3801.4E6	1201.396	1106.352
27) L6 Aroclor-1248 {5}	7.13	7.43	9226.7E6	2139.3E6	1290.321	1101.038
Sum Aroclor-1248			40289.6E6	20485.7E6	6338.969	6243.790
Average Aroclor-1248					1267.794	1248.758
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

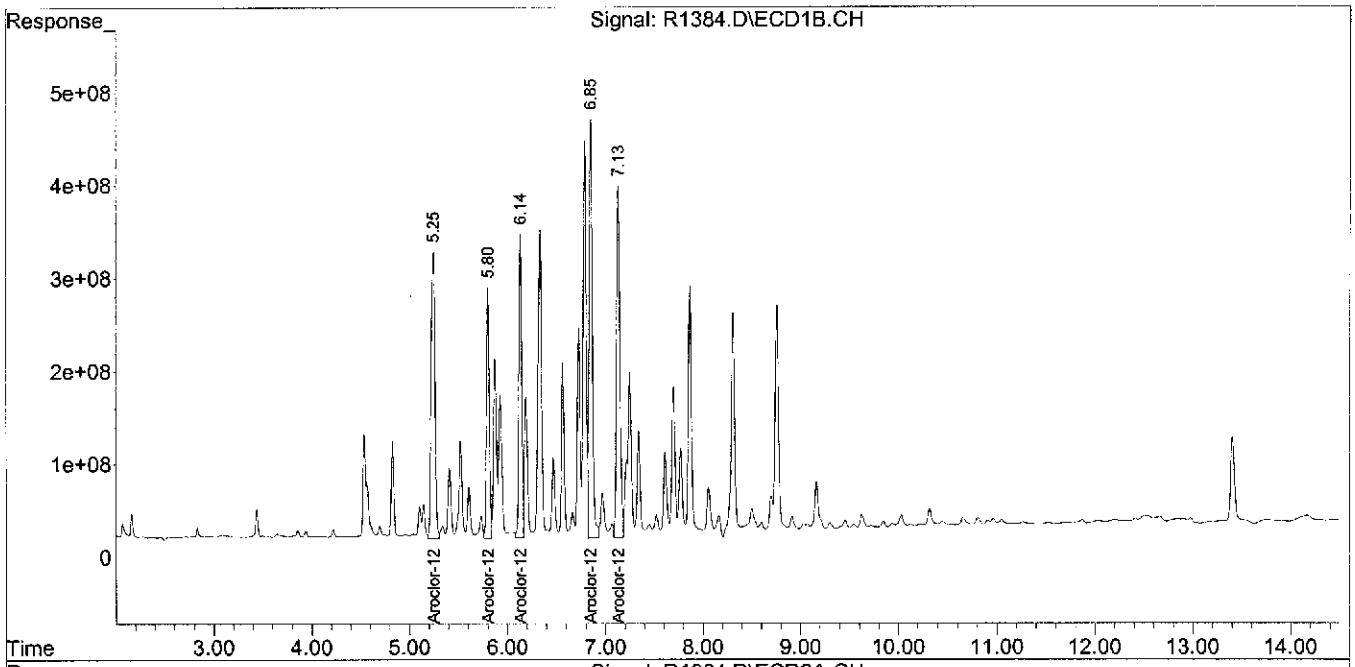
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

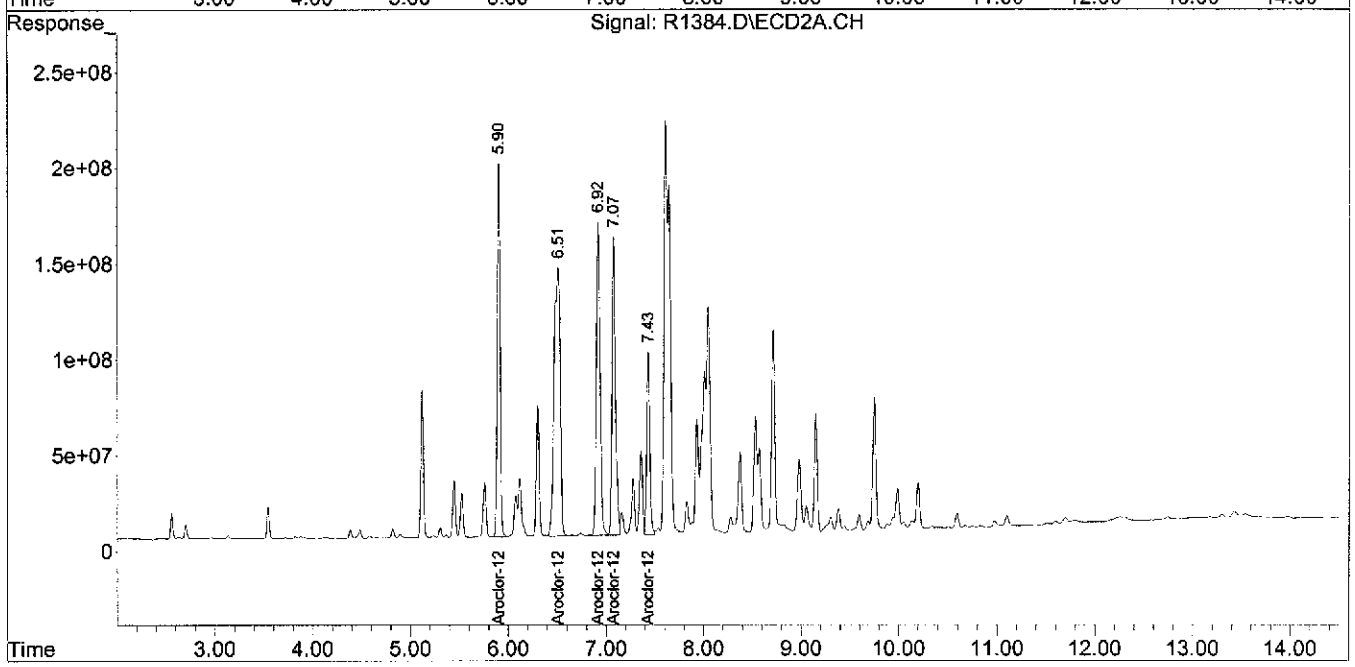
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1384.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 9:26
Operator : YG
Sample : GG-31_(0-2,06583-040,S,5.44g,10.5,07/05/12,4
Misc : 120705-04,07/02/12,07/02/12,100
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 10:58:13 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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 (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1391.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 12:14
Operator : YG
Sample : GG-31_(2.0,06583-041,S,5.76g,54.9,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,100
ALS Vial : 51 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 11:31:13 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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	5.24	5.90	7790.5E6	3772.0E6	991.478	984.630
24) L6 Aroclor-1248 {2}	5.80	6.52	1750.1E6	3507.0E6	398.466	1091.455 #
25) L6 Aroclor-1248 {3}	6.14	6.92	1374.7E6	1248.0E6	317.628	307.584
26) L6 Aroclor-1248 {4}	6.85	7.07	2787.6E6	1172.8E6	322.168	341.318
27) L6 Aroclor-1248 {5}	7.13	7.43	1766.1E6	568.9E6	246.977	292.795
Sum Aroclor-1248			15468.9E6	10268.7E6	2276.716	3017.783
Average Aroclor-1248					455.343	603.557
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

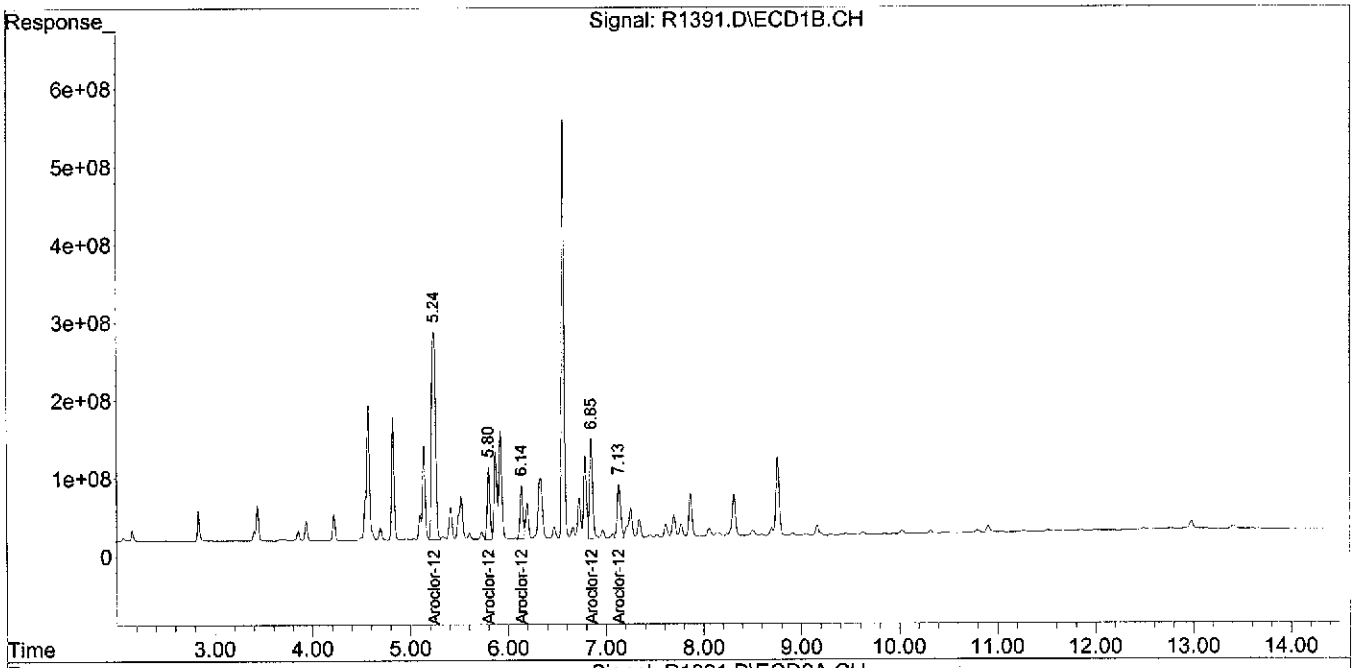
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

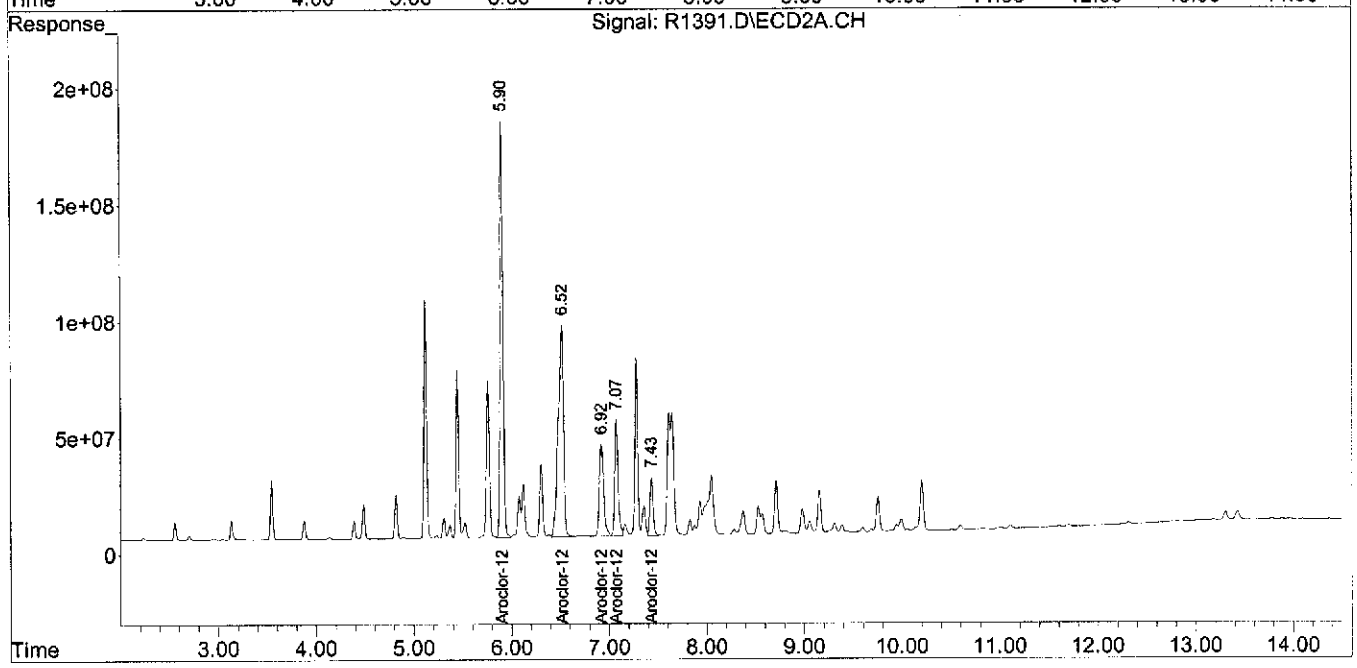
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1391.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 12:14
Operator : YG
Sample : GG-31_(2.0,06583-041,S,5.76g,54.9,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,100
ALS Vial : 51 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 11:31:13 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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\07-09-12\
Data File : R1392.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 12:32
Operator : YG
Sample : GG-31_(4.0,06583-042,S,5.66g,18.7,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,1
ALS Vial : 52 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 11:31:49 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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	3.44	3.54	43379.0E6	22733.0E6	271.648	253.698
Spiked Amount 200.000			Recovery	=	135.82%	126.85%
2) S DCB	12.98	13.42	17337.1E6	5719.8E6	297.288	232.908
Spiked Amount 200.000			Recovery	=	148.64%	116.45%
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	5.25	5.90	2142.7E6	1136.7E6	272.698	296.718
24) L6 Aroclor-1248 {2}	5.80	6.51	1083.6E6	1604.9E6	246.718	499.466 #
25) L6 Aroclor-1248 {3}	6.14	6.92	1309.3E6	989.6E6	302.532	243.892
26) L6 Aroclor-1248 {4}	6.85	7.07	2094.8E6	834.7E6	242.101	242.927
27) L6 Aroclor-1248 {5}	7.13	7.43	1571.3E6	469.6E6	219.747	241.686
Sum Aroclor-1248			8201.8E6	5035.4E6	1283.795	1524.688
Average Aroclor-1248					256.759	304.938
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

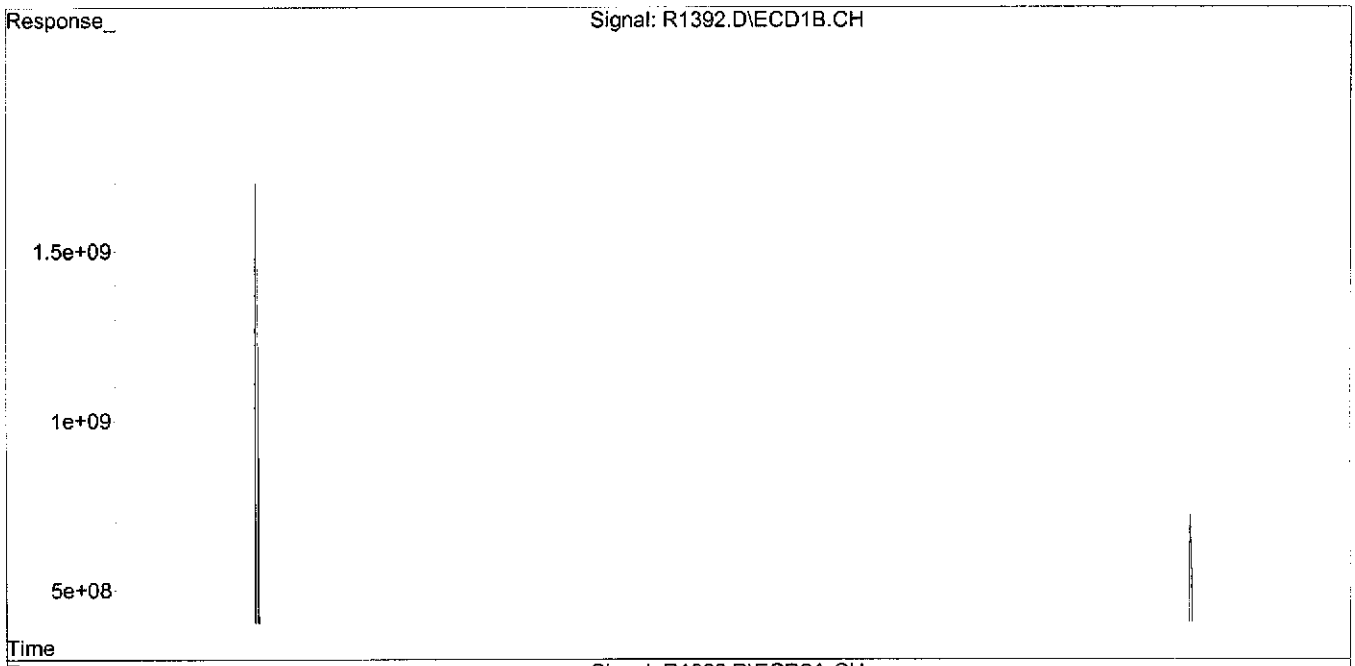
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

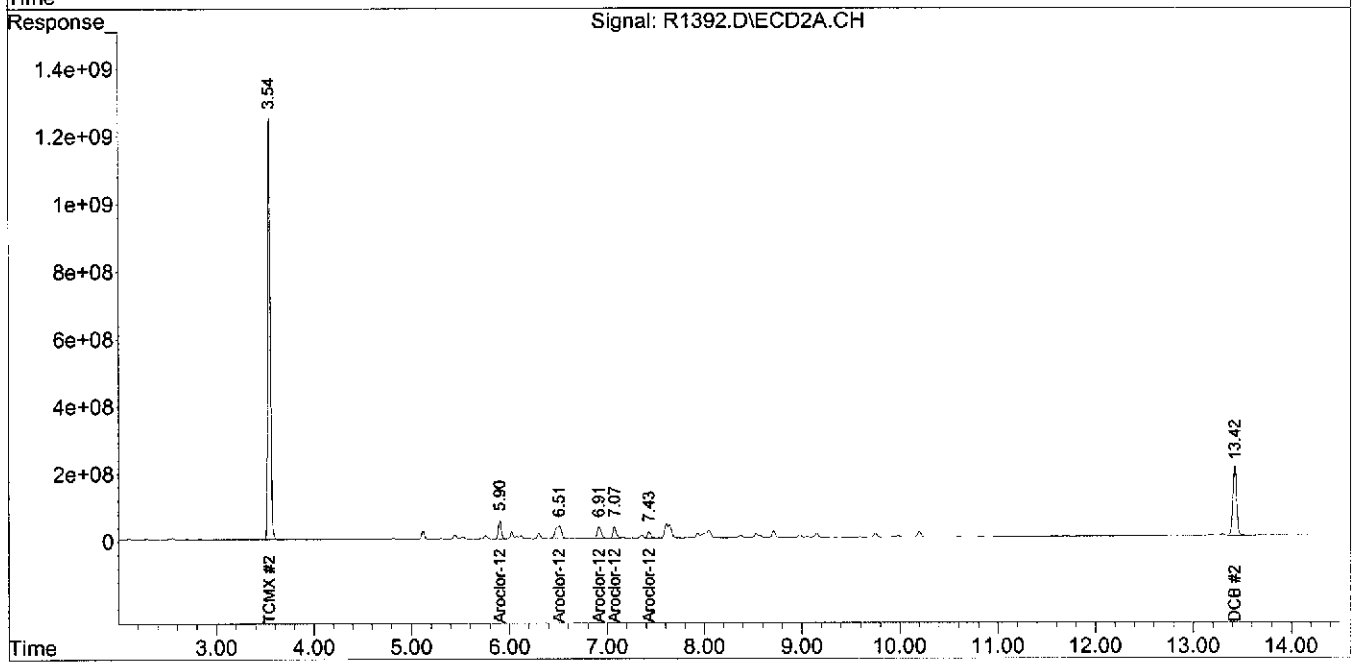
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1392.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 12:32
Operator : YG
Sample : GG-31_(4.0,06583-042,S,5.66g,18.7,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,1
ALS Vial : 52 Sample Multiplier: 1

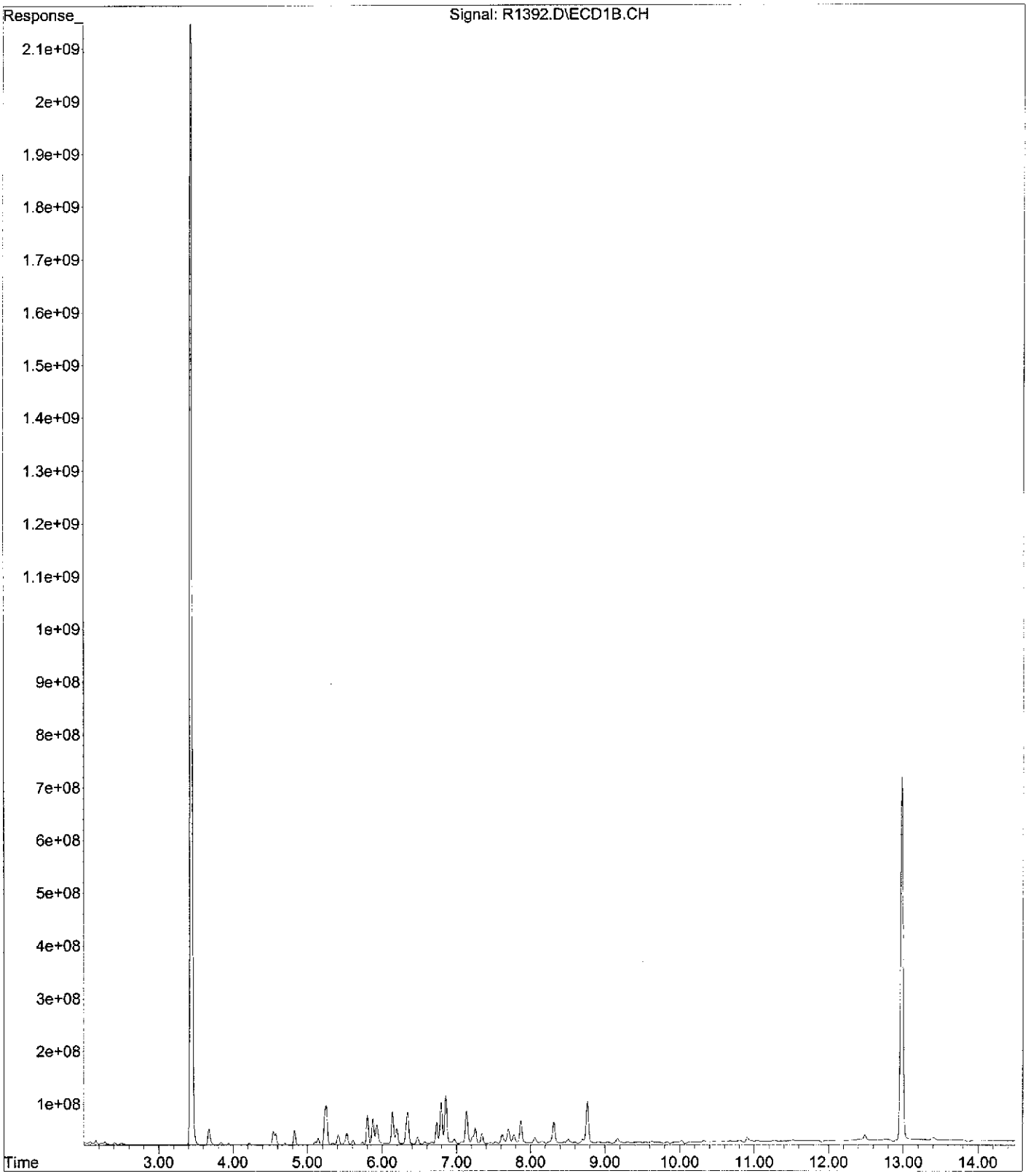
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 11:31:49 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





File :C:\MSDChem\1\DATA\07-09-12\R1392.D
Operator : YG
Acquired : 10 Jul 2012 12:32 using AcqMethod RPCB0709.M
Instrument : GC_R
Sample Name: GG-31_(4.0,06583-042,S,5.66g,18.7,07/05/12,4
Misc Info : 120705-05,07/02/12,07/02/12,1
Vial Number: 52



Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1393.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 12:49
Operator : YG
Sample : FF-31_(0-2,06583-043,S,5.71g,9.30,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,100
ALS Vial : 53 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 11:32:33 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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	5.25	5.90	8946.1E6	4249.5E6	1138.554	1109.265
24) L6 Aroclor-1248 {2}	5.80	6.51	4076.1E6	5421.8E6	928.060	1687.377 #
25) L6 Aroclor-1248 {3}	6.13	6.91	12549.3E6	4878.1E6	2899.642	1202.250 #
26) L6 Aroclor-1248 {4}	6.85	7.07	10019.7E6	3758.6E6	1157.980	1093.912
27) L6 Aroclor-1248 {5}	7.13	7.43	9721.1E6	2095.1E6	1359.453	1078.310
Sum Aroclor-1248			45312.2E6	20403.2E6	7483.689	6171.114
Average Aroclor-1248					1496.738	1234.223
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

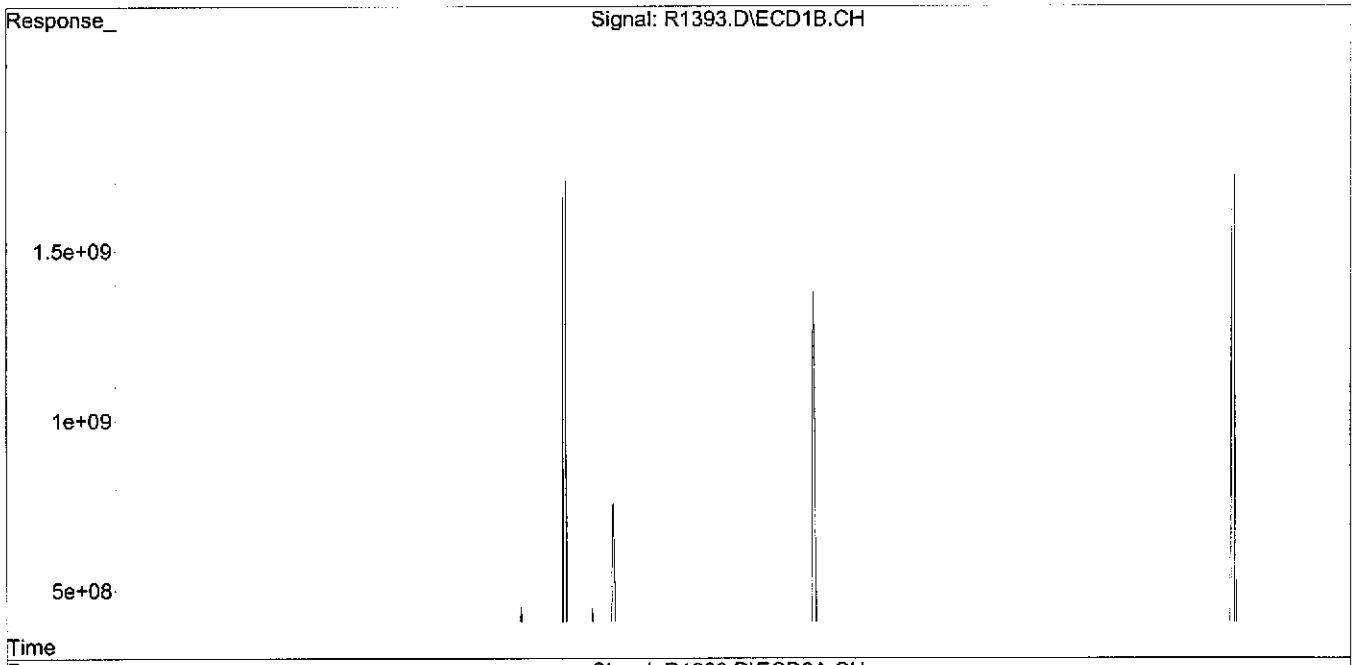
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

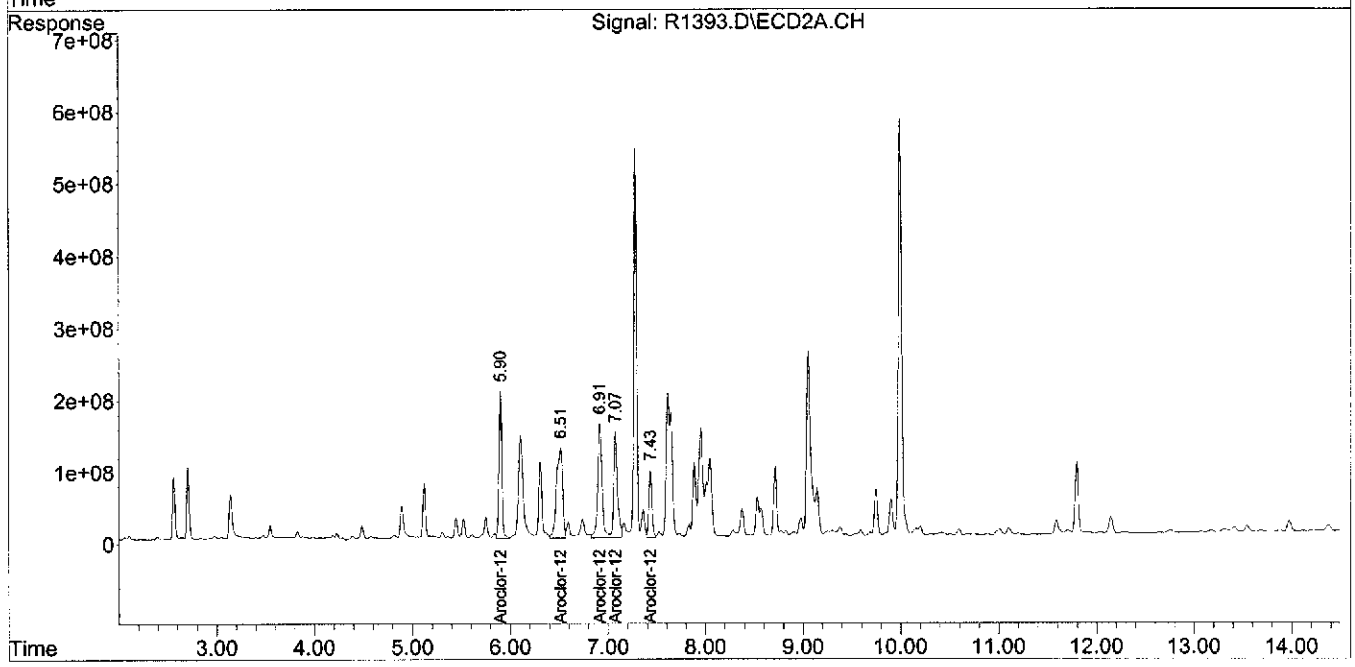
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1393.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 12:49
Operator : YG
Sample : FF-31_(0-2,06583-043,S,5.71g,9.30,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,100
ALS Vial : 53 Sample Multiplier: 1

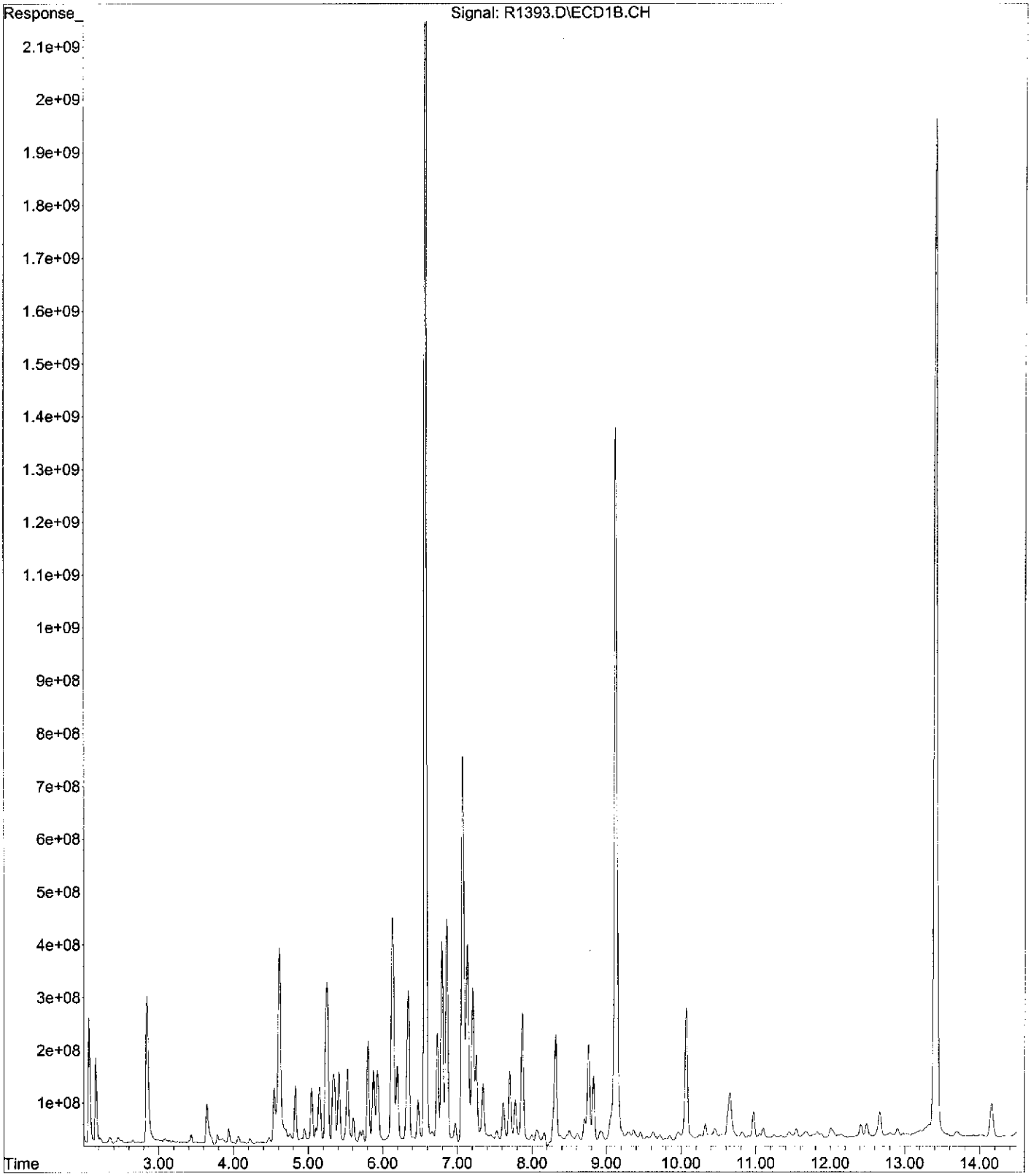
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 11:32:33 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





File :C:\MSDChem\1\DATA\07-09-12\R1393.D
Operator : YG
Acquired : 10 Jul 2012 12:49 using AcqMethod RPCB0709.M
Instrument : GC_R
Sample Name: FF-31_(0-2,06583-043,S,5.71g,9.30,07/05/12,4
Misc Info : 120705-05,07/02/12,07/02/12,100
Vial Number: 53



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-11-12\
Data File : R1481.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Jul 2012 23:54
Operator : YG
Sample : FF-31_(2.0,06583-044,S,5.50g,36.8,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,10
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 13:09:29 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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	3.44	3.54	4819.4E6	2748.6E6	30.180m	30.674m
Spiked Amount 200.000			Recovery	=	15.09%	15.34%
2) S DCB	12.98	13.41	1504.2E6	647.9E6	25.793m	26.384m
Spiked Amount 200.000			Recovery	=	12.90%	13.19%
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	5.25	5.90	2929.7E6	1395.1E6	372.865	364.175
24) L6 Aroclor-1248 {2}	5.81	6.51	1597.0E6	2476.6E6	363.599	770.782 #
25) L6 Aroclor-1248 {3}	0.00	6.92	0	1201.2E6	N.D. d	296.033 #
26) L6 Aroclor-1248 {4}	6.85	7.07	1982.2E6	929.8E6	229.085	270.597
27) L6 Aroclor-1248 {5}	7.13	7.43	1492.0E6	381.8E6	208.648	196.479
Sum Aroclor-1248			8000.9E6	6384.4E6	1174.196	1898.065
Average Aroclor-1248					293.549	379.613
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

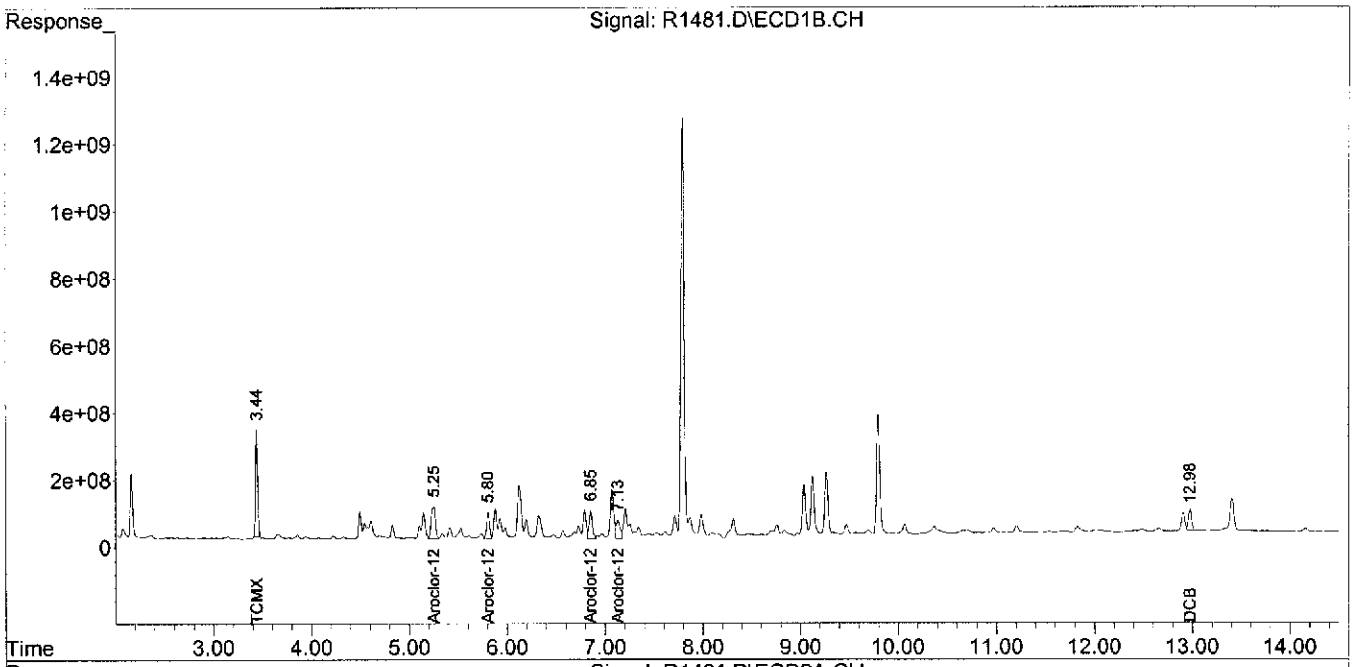
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

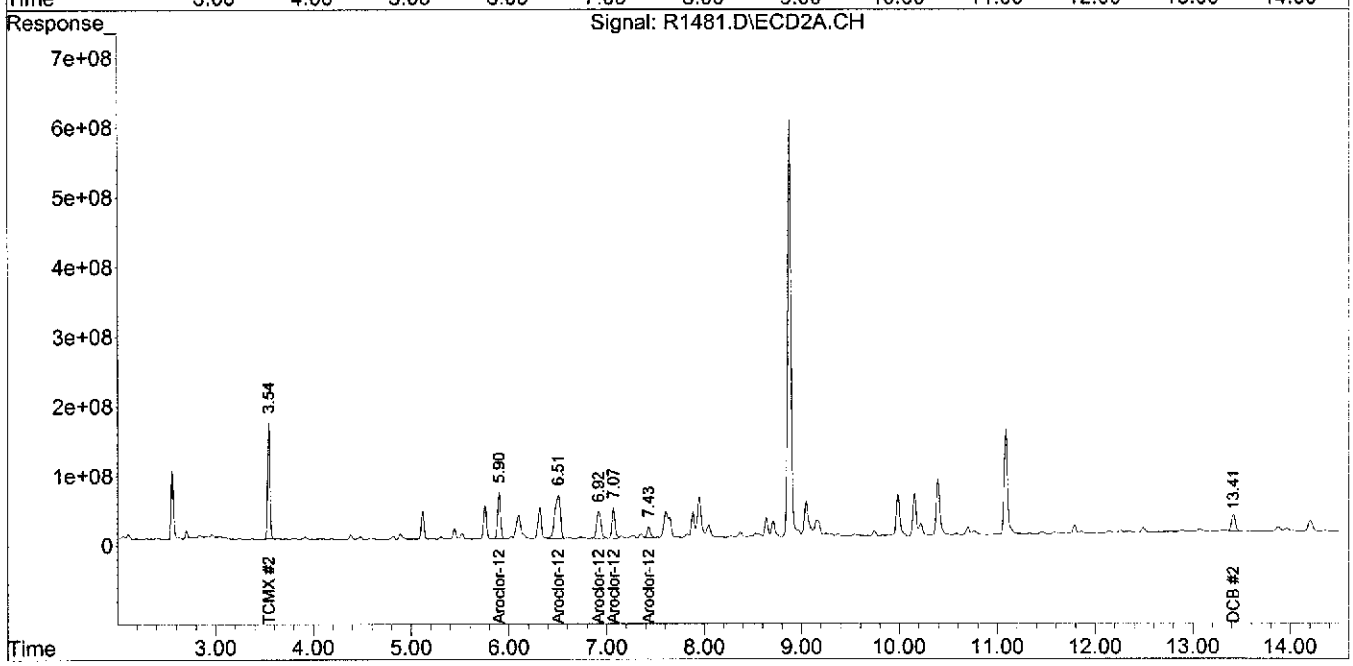
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-11-12\
Data File : R1481.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Jul 2012 23:54
Operator : YG
Sample : FF-31_(2.0,06583-044,S,5.50g,36.8,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,10
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 13:09:29 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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\07-11-12\
Data File : R1482.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Jul 2012 00:11
Operator : YG
Sample : FF-31_(4.0,06583-045,S,5.27g,48.7,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,10
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 12:01:51 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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	3.44	3.54	2822.7E6	1832.7E6	17.677	20.453
Spiked Amount 200.000			Recovery	=	8.84%	10.23%
2) S DCB	12.98	13.42	1744.6E6	499.3E6	29.915m	20.330m#
Spiked Amount 200.000			Recovery	=	14.96%	10.16%
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
33) L8 Aroclor-1260	9.16	8.97	4399.7E6	1429.8E6	371.235m	399.067
34) L8 Aroclor-1260 {2}	9.85	9.38	4013.6E6	1876.2E6	557.229m	466.735
35) L8 Aroclor-1260 {3}	10.32	10.59	12272.9E6	1893.0E6	587.500m	623.631
36) L8 Aroclor-1260 {4}	10.81	11.09	5151.1E6	5240.1E6	584.638m	888.768 #
37) L8 Aroclor-1260 {5}	11.87	11.69	3034.5E6	3415.7E6	722.617m	727.936
Sum Aroclor-1260			28871.7E6	13854.9E6	2823.219	3106.138
Average Aroclor-1260					564.644	621.228
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

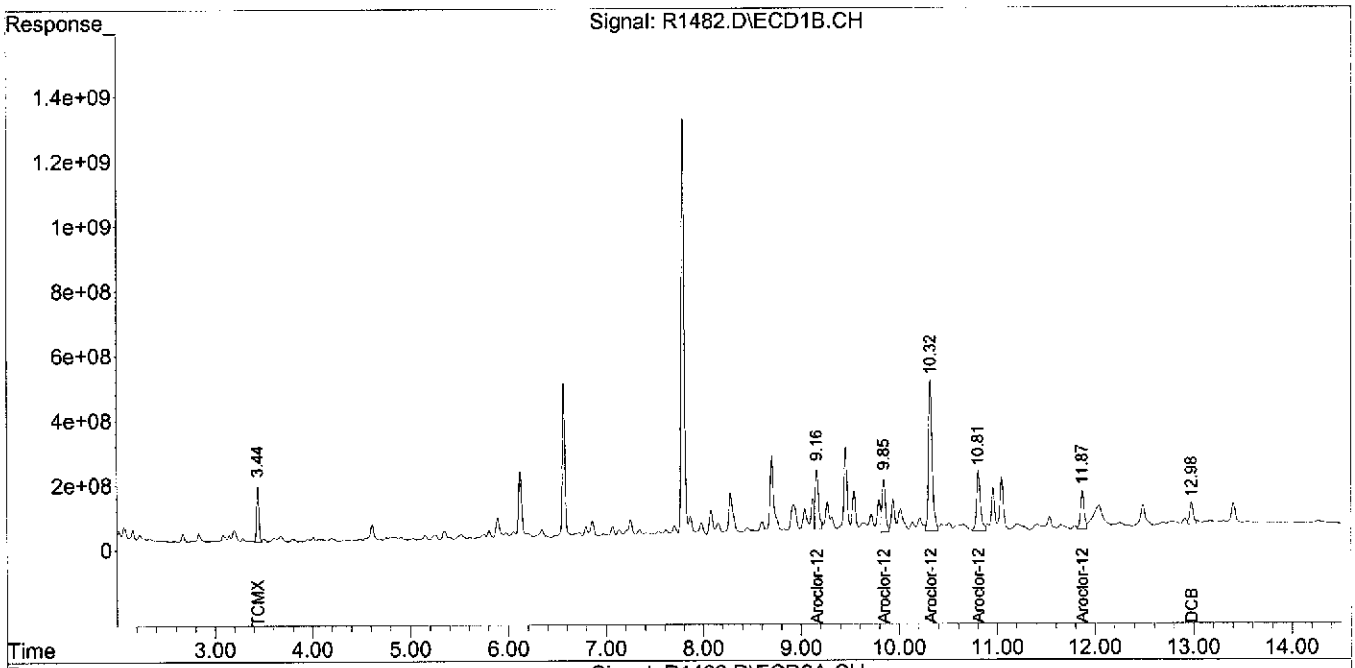
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

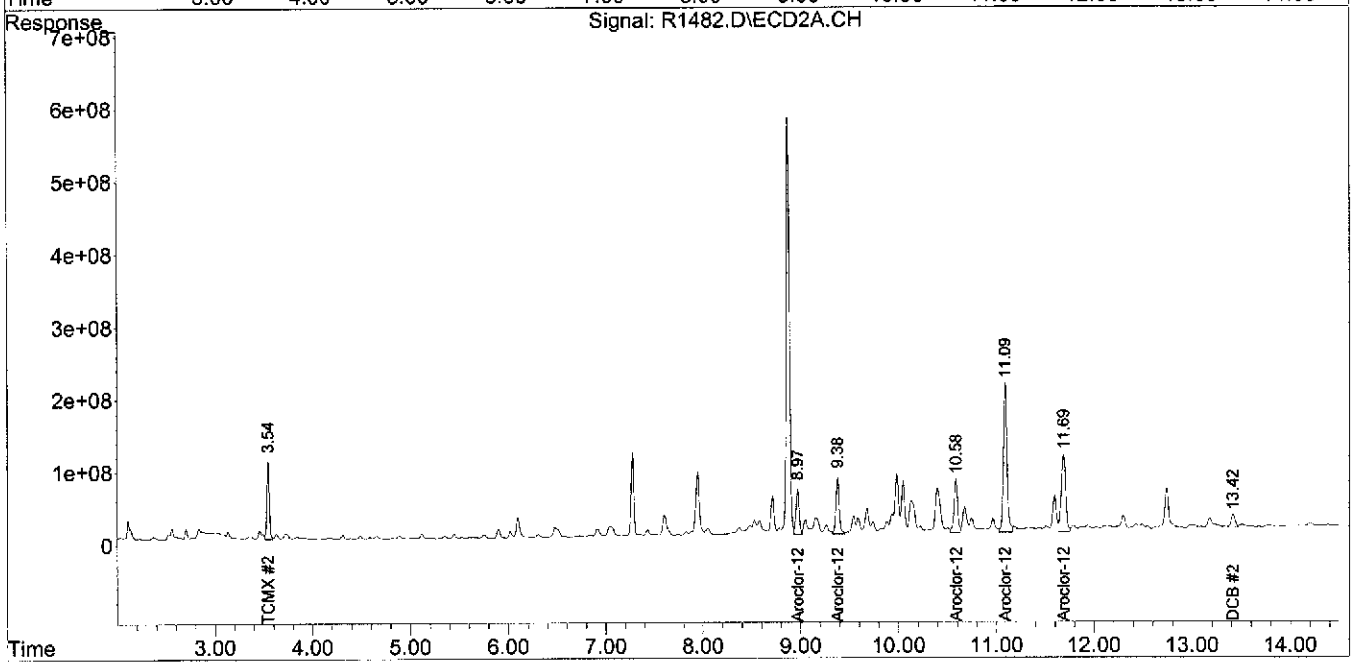
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-11-12\
Data File : R1482.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Jul 2012 00:11
Operator : YG
Sample : FF-31_(4.0,06583-045,S,5.27g,48.7,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,10
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 12:01:51 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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 (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-11-12\
Data File : R1483.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Jul 2012 00:29
Operator : YG
Sample : EE-30_(0-2,06583-046,S,5.25g,18.5,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,100
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 12:02:29 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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	5.25	5.90	2878.4E6	1273.7E6	366.326	332.471
24) L6 Aroclor-1248 {2}	5.80	6.51	985.8E6	1555.9E6	224.451	484.244 #
25) L6 Aroclor-1248 {3}	6.14	6.91	2179.1E6	1208.4E6	503.508	297.806 #
26) L6 Aroclor-1248 {4}	6.86	7.07	2098.9E6	926.7E6	242.575	269.715
27) L6 Aroclor-1248 {5}	7.14	7.43	2543.9E6	576.1E6	355.753	296.480
Sum Aroclor-1248			10686.1E6	5540.7E6	1692.613	1680.716
Average Aroclor-1248					338.523	336.143
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

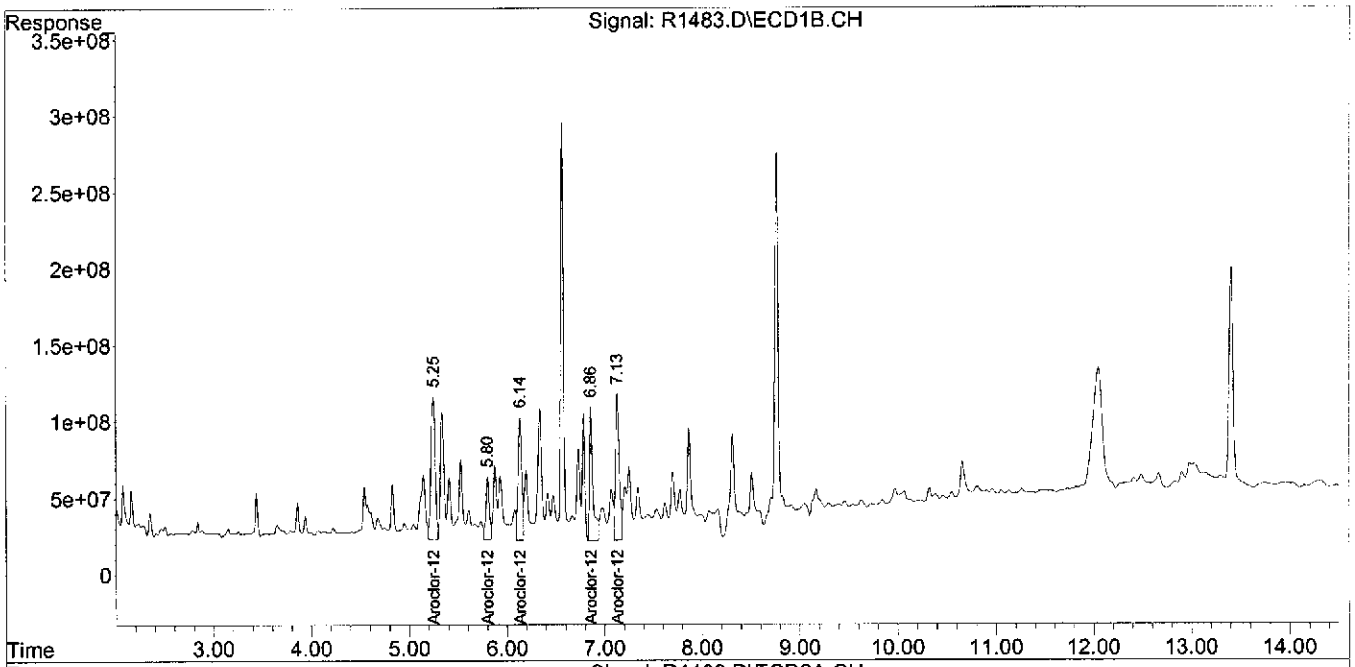
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

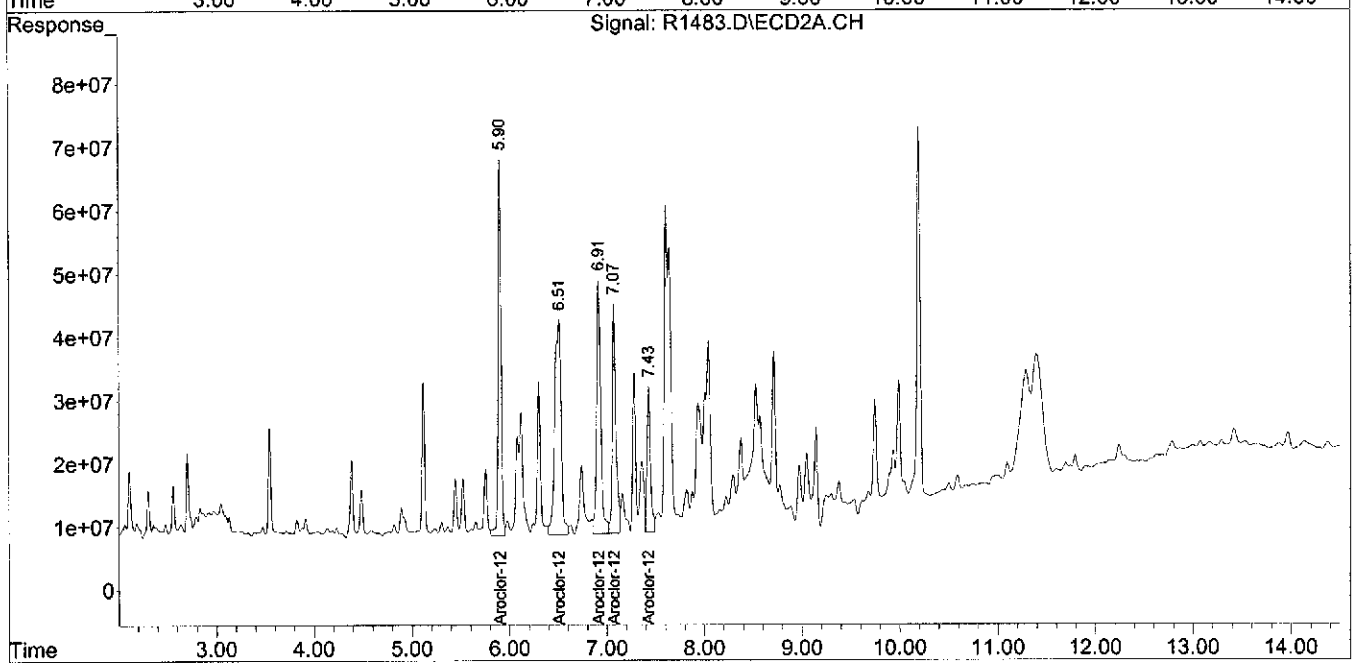
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-11-12\
Data File : R1483.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Jul 2012 00:29
Operator : YG
Sample : EE-30_(0-2,06583-046,S,5.25g,18.5,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,100
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 12:02:29 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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\07-11-12\
Data File : R1484.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Jul 2012 00:46
Operator : YG
Sample : EE-30_(2.0,06583-047,S,5.44g,56.2,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,1
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 12:05:19 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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	3.45	3.55	28669.3E6	14627.2E6	179.533	163.238
Spiked Amount 200.000			Recovery	=	89.77%	81.62%
2) S DCB	12.98	13.42	14812.0E6	4397.4E6	253.989m	179.060m#
Spiked Amount 200.000			Recovery	=	126.99%	89.53%
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	5.26	5.91	7963.2E6	4308.2E6	1013.459m	1124.601
24) L6 Aroclor-1248 {2}	5.81	6.49	6717.2E6	6362.0E6	1529.367m	1979.972 #
25) L6 Aroclor-1248 {3}	6.14	6.92	6151.1E6	2688.5E6	1421.267m	662.607 #
26) L6 Aroclor-1248 {4}	6.87	7.07	10209.2E6	2549.5E6	1179.880m	742.019 #
27) L6 Aroclor-1248 {5}	7.14	7.43	4608.7E6	1804.6E6	644.512m	928.777 #
Sum Aroclor-1248			35649.3E6	17712.9E6	5788.485	5437.976
Average Aroclor-1248					1157.697	1087.595
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.17	8.98	16945.2E6	5325.9E6	1429.773m	1486.458
34) L8 Aroclor-1260 {2}	9.85	9.38	10468.4E6	5977.6E6	1453.388m	1487.038
35) L8 Aroclor-1260 {3}	10.33	10.59	36625.0E6	5172.5E6	1753.229m	1704.039
36) L8 Aroclor-1260 {4}	10.81	11.10	13965.7E6	10988.1E6	1585.075m	1863.675m
37) L8 Aroclor-1260 {5}	11.88	11.69	8560.7E6	8266.9E6	2038.612m	1761.797m
Sum Aroclor-1260			86564.8E6	35731.1E6	8260.077	8303.007
Average Aroclor-1260					1652.015	1660.601
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\07-11-12\
Data File : R1484.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Jul 2012 00:46
Operator : YG
Sample : EE-30_(2.0,06583-047,S,5.44g,56.2,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,1
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 12:05:19 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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

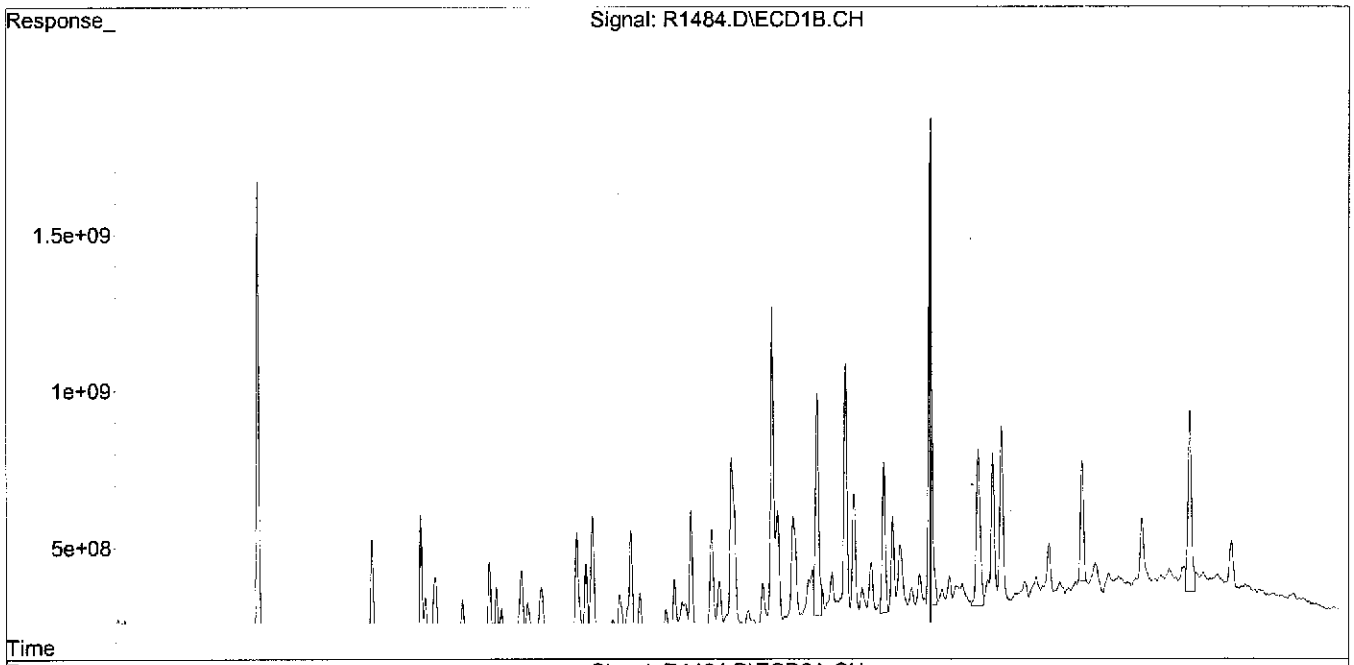
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

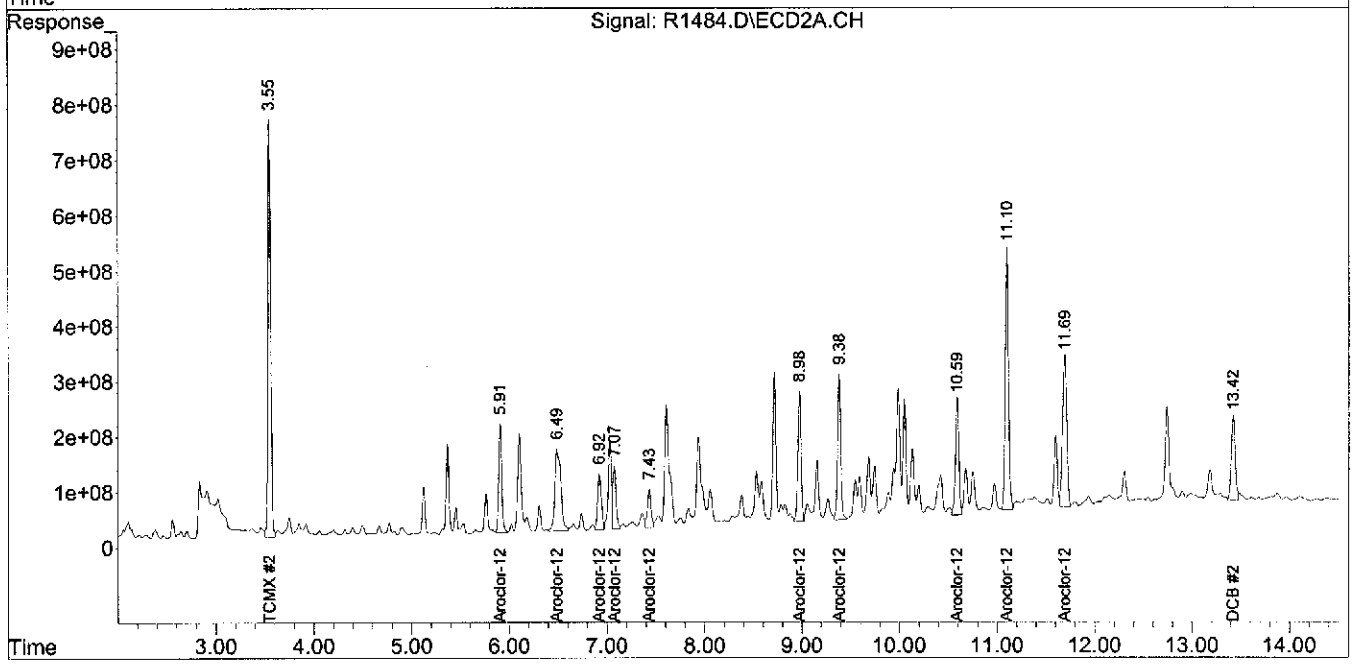
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-11-12\
Data File : R1484.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Jul 2012 00:46
Operator : YG
Sample : EE-30_(2.0,06583-047,S,5.44g,56.2,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,1
ALS Vial : 20 Sample Multiplier: 1

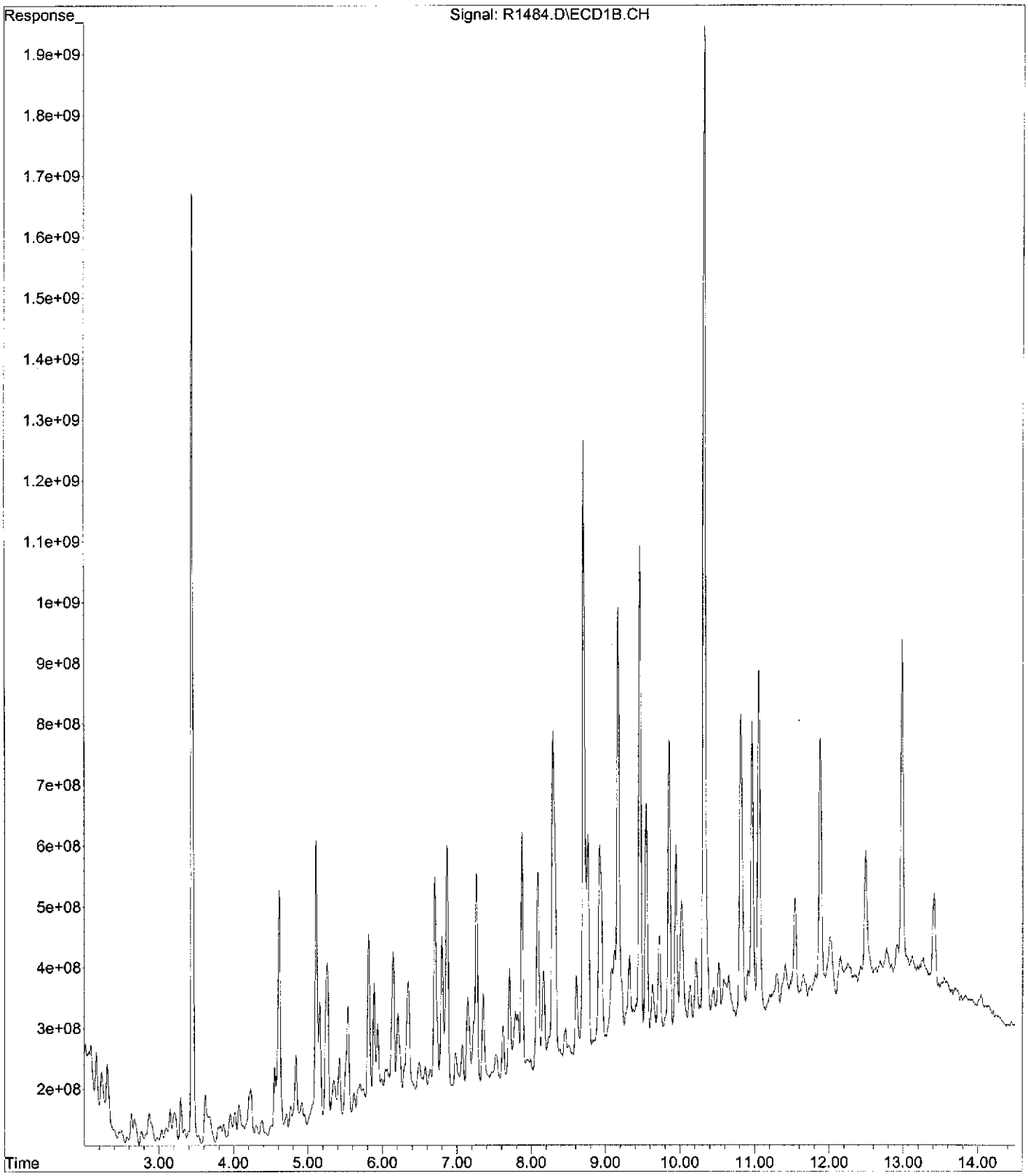
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 12:05:19 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





File :C:\MSDChem\1\DATA\07-11-12\R1484.D
Operator : YG
Acquired : 12 Jul 2012 00:46 using AcqMethod RPCB0709.M
Instrument : GC_R
Sample Name: EE-30_(2.0,06583-047,S,5.44g,56.2,07/05/12,4
Misc Info : 120705-05,07/02/12,07/02/12,1
Vial Number: 20



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1398.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 14:16
Operator : YG
Sample : EE-30_(4.0,06583-048,S,5.68g,22.0,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,1
ALS Vial : 58 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 11:33:19 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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	3.44	3.54	37320.5E6	20631.8E6	233.709	230.248	
Spiked Amount 200.000			Recovery	=	116.85%	115.12%	
2) S DCB	12.98	13.42	13132.3E6	5006.8E6	225.186m	203.875m	
Spiked Amount 200.000			Recovery	=	112.59%	101.94%	
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	5.25	5.90	1592.9E6	777.2E6	202.720	202.867	
24) L6 Aroclor-1248 {2}	5.80	6.51	833.3E6	1301.7E6	189.735	405.108	#
25) L6 Aroclor-1248 {3}	6.14	6.92	1534.2E6	1217.1E6	354.500	299.962	
26) L6 Aroclor-1248 {4}	6.86	7.08	1525.3E6	972.4E6	176.284	283.014	#
27) L6 Aroclor-1248 {5}	7.14	7.43	1397.6E6	319.9E6	195.447	164.634	
Sum Aroclor-1248			6883.3E6	4588.2E6	1118.687	1355.585	
Average Aroclor-1248					223.737	271.117	
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	

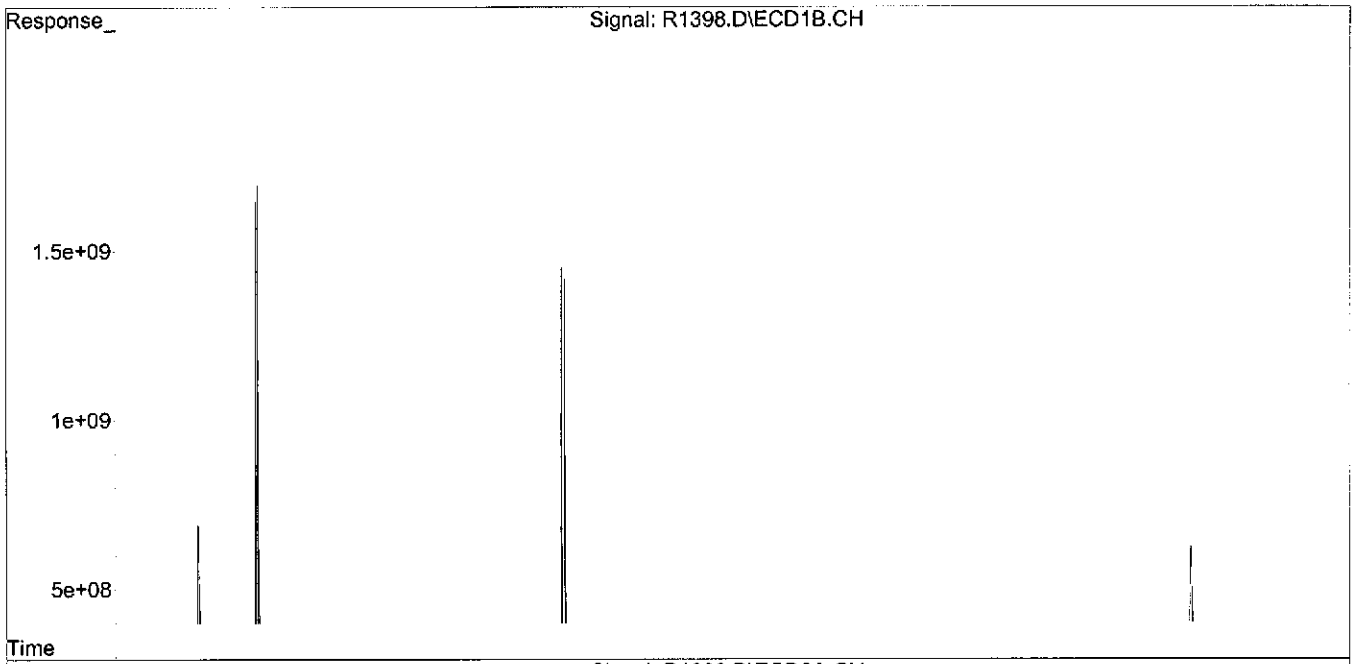
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

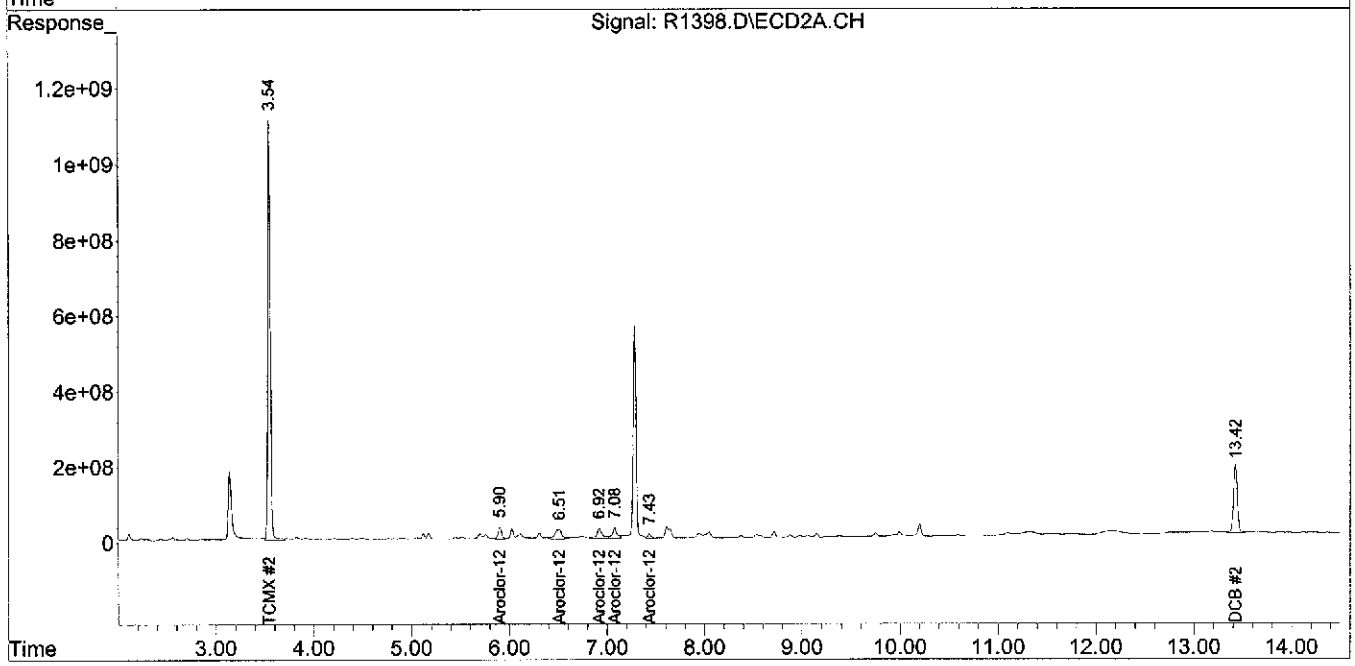
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1398.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 14:16
Operator : YG
Sample : EE-30_(4.0,06583-048,S,5.68g,22.0,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,1
ALS Vial : 58 Sample Multiplier: 1

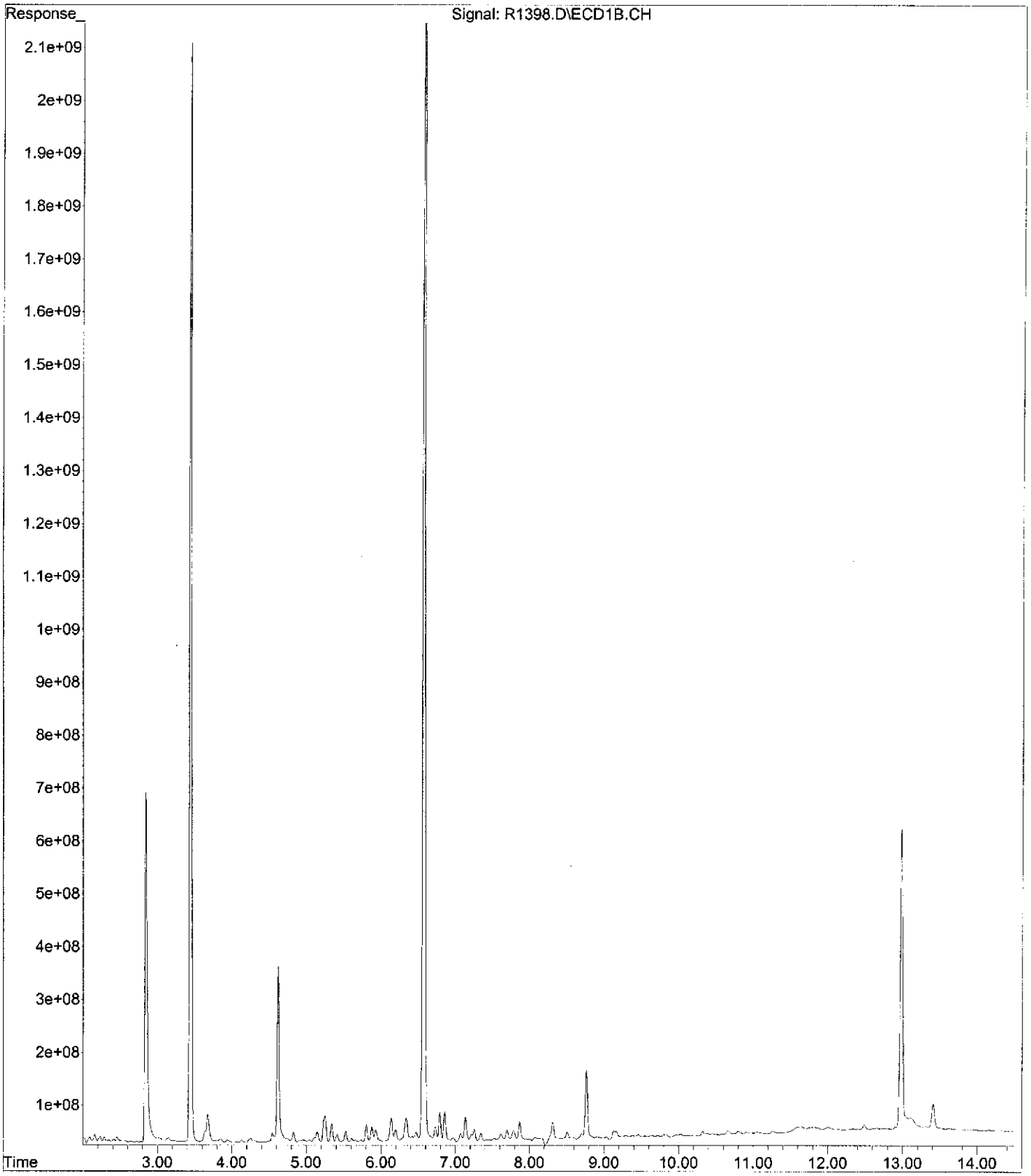
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 11:33:19 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





File :C:\MSDChem\1\DATA\07-09-12\R1398.D
Operator : YG
Acquired : 10 Jul 2012 14:16 using AcqMethod RPCB0709.M
Instrument : GC_R
Sample Name: EE-30_(4.0,06583-048,S,5.68g,22.0,07/05/12,4
Misc Info : 120705-05,07/02/12,07/02/12,1
Vial Number: 58



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1399.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 14:34
Operator : YG
Sample : FF-30_(0-2,06583-049,S,5.76g,13.1,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,100
ALS Vial : 59 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 11:33:51 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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	5.25	5.90	13718.8E6	6506.7E6	1745.964	1698.475
24) L6 Aroclor-1248 {2}	5.80	6.51	6576.5E6	9417.8E6	1497.333	2931.015 #
25) L6 Aroclor-1248 {3}	6.14	6.92	6653.1E6	5796.5E6	1537.262	1428.594
26) L6 Aroclor-1248 {4}	6.86	7.07	7025.9E6	3957.0E6	811.983	1151.651 #
27) L6 Aroclor-1248 {5}	7.13	7.43	4659.1E6	1679.0E6	651.559	864.148 #
Sum Aroclor-1248			38633.2E6	27357.1E6	6244.101	8073.883
Average Aroclor-1248					1248.820	1614.777
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

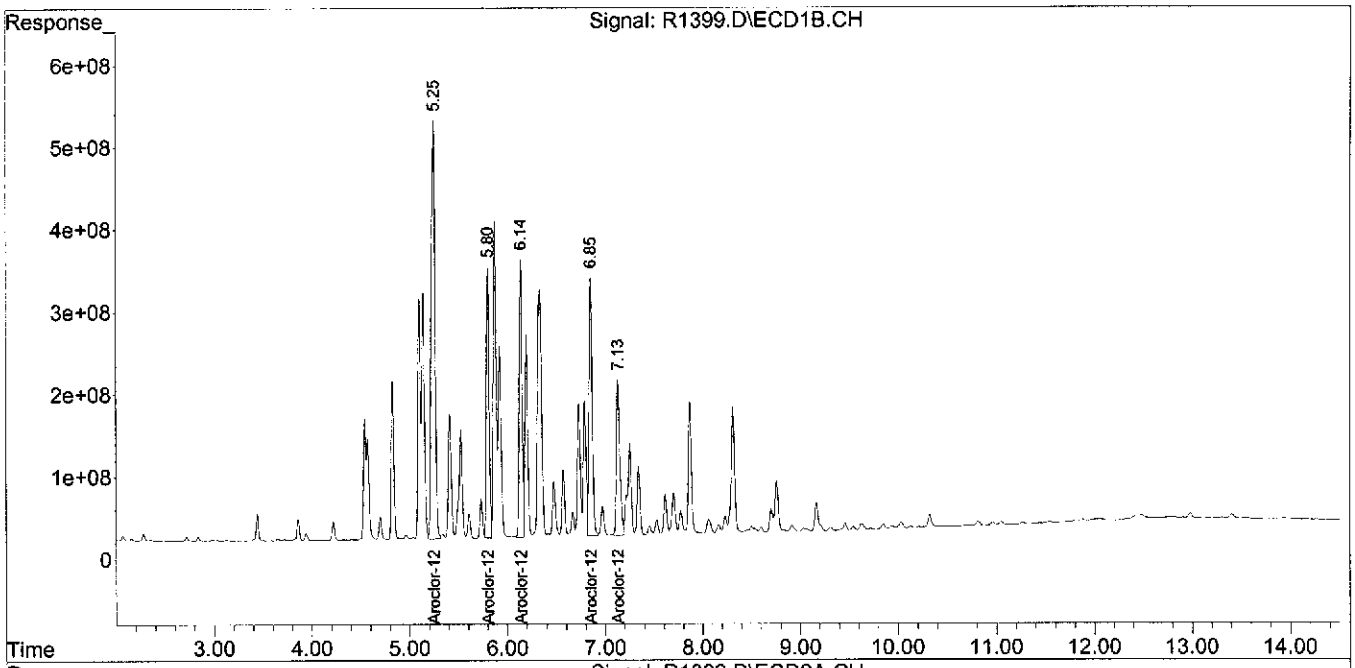
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

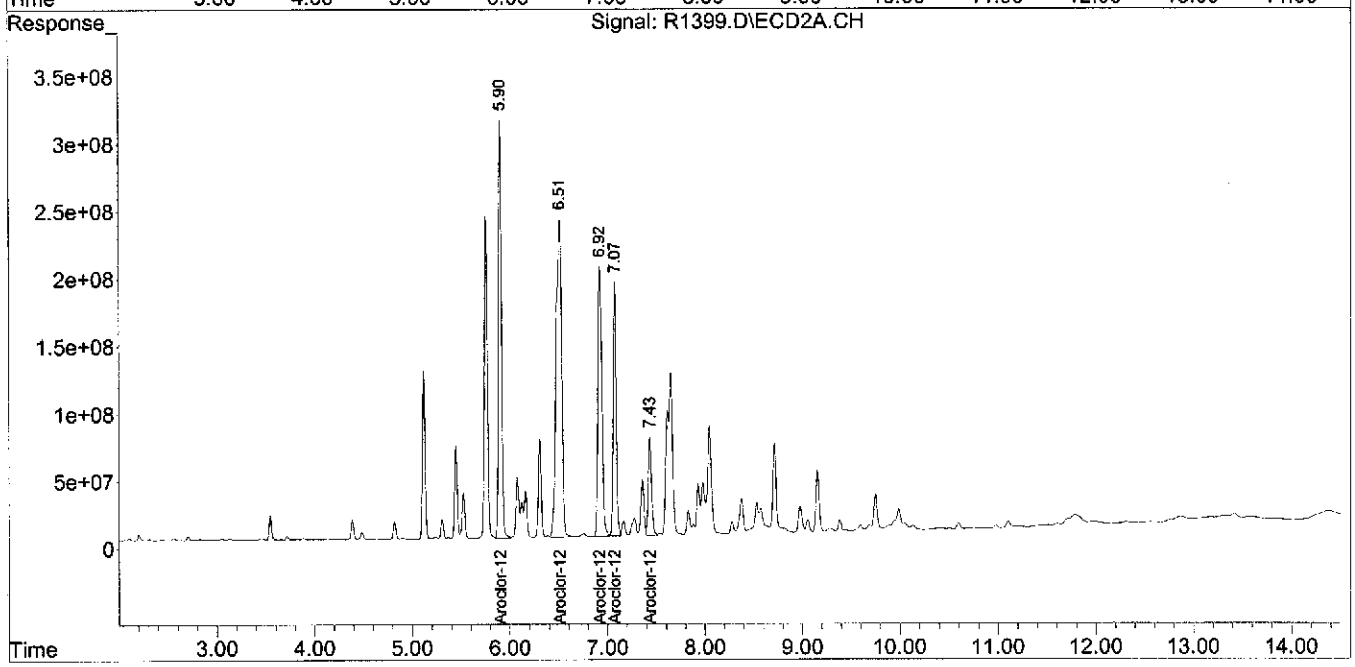
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1399.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 14:34
Operator : YG
Sample : FF-30_(0-2,06583-049,S,5.76g,13.1,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,100
ALS Vial : 59 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 11:33:51 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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\07-11-12\
Data File : R1485.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Jul 2012 1:03
Operator : YG
Sample : FF-30_(2.0,06583-050,S,5.45g,59.5,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,1
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 12:06:55 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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	3.44	3.54	38487.3E6	20521.2E6	241.016	229.015
Spiked Amount 200.000			Recovery	=	120.51%	114.51%
2) S DCB	12.98	13.42	13817.1E6	5333.9E6	236.928m	217.197m
Spiked Amount 200.000			Recovery	=	118.46%	108.60%
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	5.25	5.90	1200.3E6	521.6E6	152.762	136.151
24) L6 Aroclor-1248 {2}	5.81	6.51	863.7E6	397.5E6	196.653	123.721m#
25) L6 Aroclor-1248 {3}	0.00	6.92	0	488.6E6	N.D. d	120.422 #
26) L6 Aroclor-1248 {4}	6.86	7.07	563.2E6	335.8E6	65.085	97.737 #
27) L6 Aroclor-1248 {5}	7.14	7.43	603.8E6	147.4E6	84.438	75.848
Sum Aroclor-1248			3231.0E6	1890.9E6	498.938	553.880
Average Aroclor-1248					124.734	110.776
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

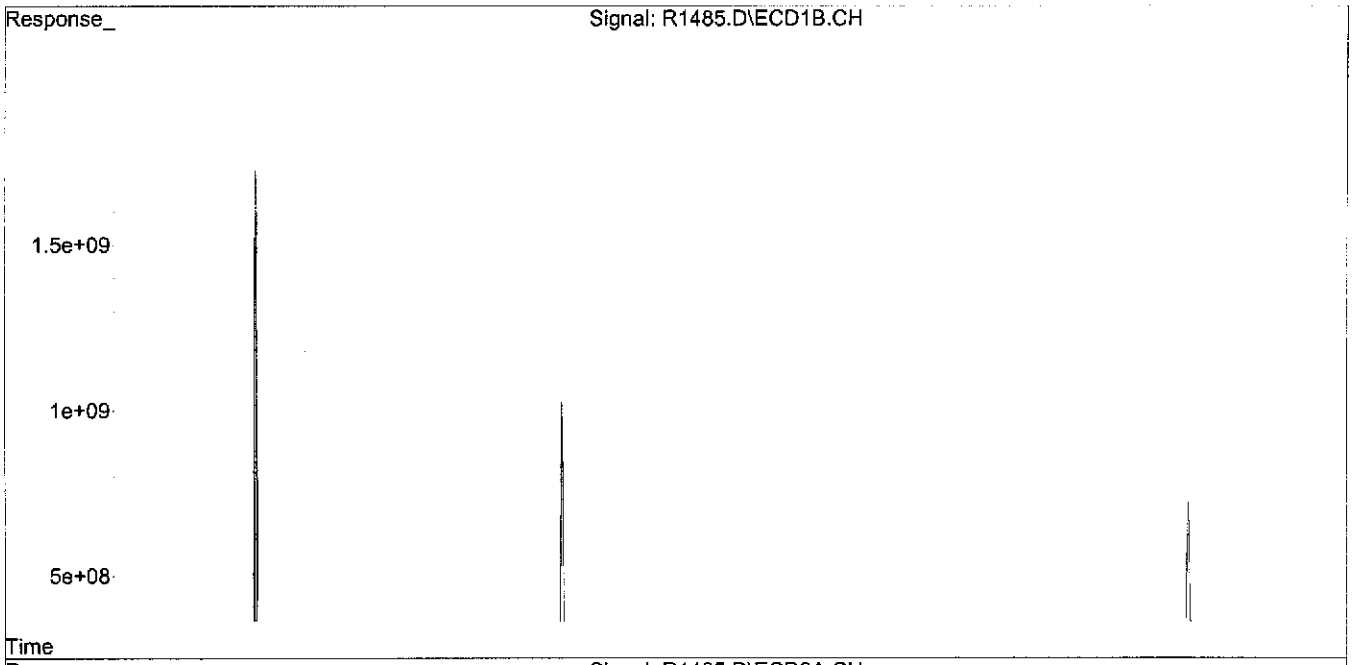
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

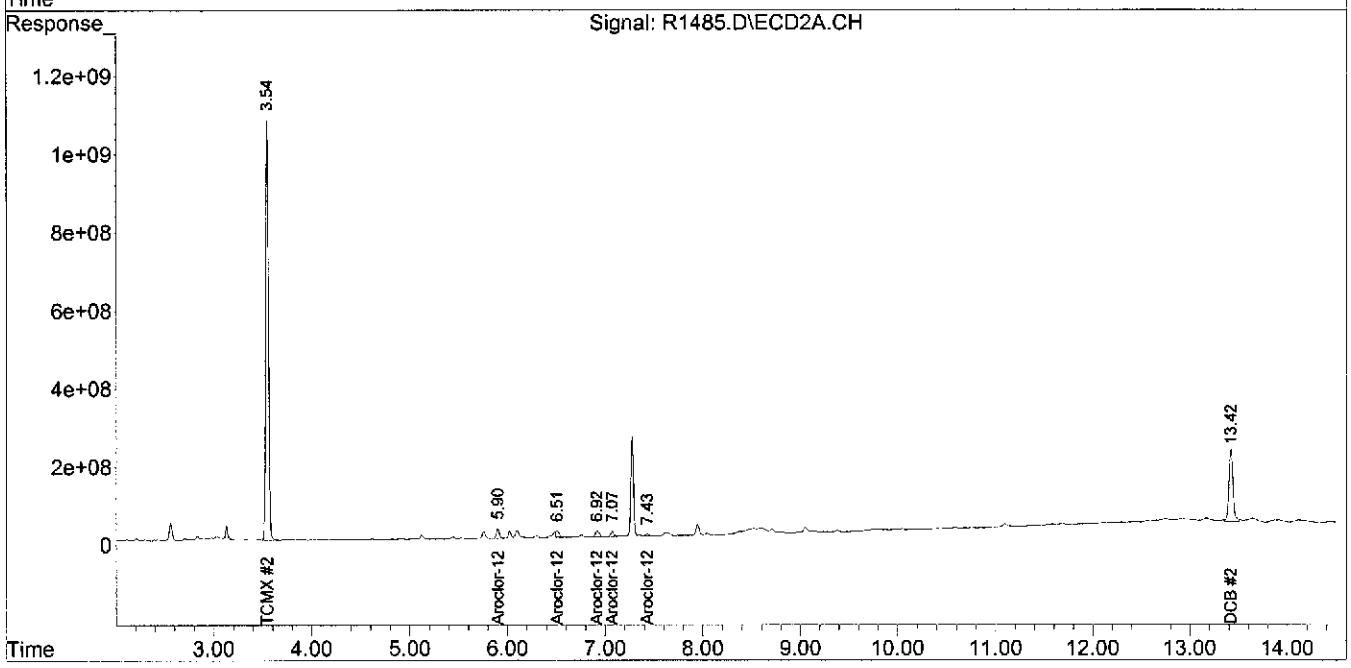
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-11-12\
Data File : R1485.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Jul 2012 1:03
Operator : YG
Sample : FF-30_(2.0,06583-050,S,5.45g,59.5,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,1
ALS Vial : 21 Sample Multiplier: 1

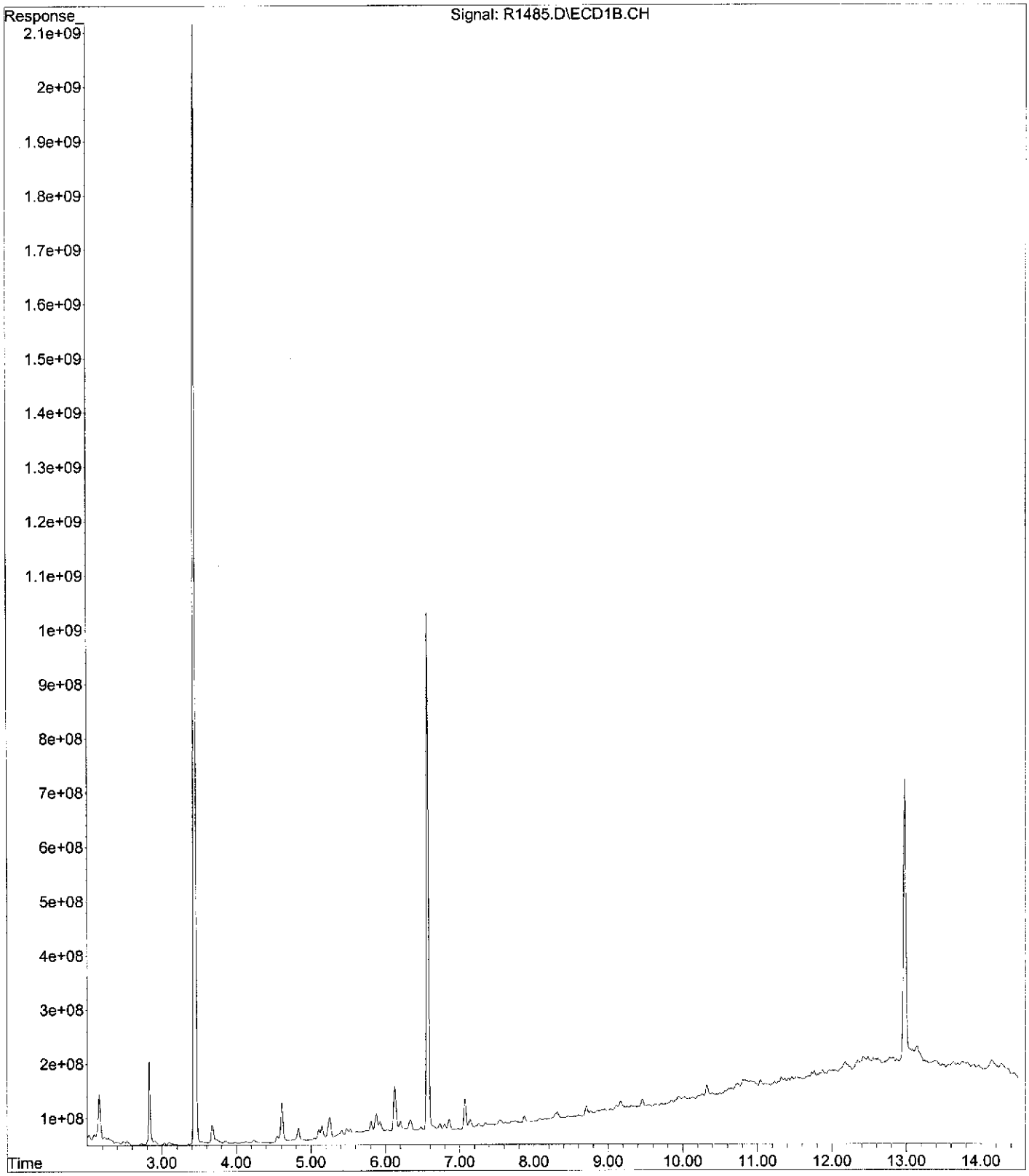
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 12:06:55 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





File :C:\MSDChem\1\DATA\07-11-12\R1485.D
Operator : YG
Acquired : 12 Jul 2012 1:03 using AcqMethod RPCB0709.M
Instrument : GC_R
Sample Name: FF-30_(2.0,06583-050,S,5.45g,59.5,07/05/12,4
Misc Info : 120705-05,07/02/12,07/02/12,1
Vial Number: 21



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1401.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 15:09
Operator : YG
Sample : FF-30_(4.0,06583-051,S,5.60g,24.1,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,1
ALS Vial : 61 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 11:38:10 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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	3.44	3.54	43208.9E6	22135.1E6	270.583	247.025
Spiked Amount 200.000			Recovery	=	135.29%	123.51%
2) S DCB	12.98	13.42	15930.1E6	5724.5E6	273.161m	233.102m
Spiked Amount 200.000			Recovery	=	136.58%	116.55%
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	5.25	5.90	293.8E6	170.0E6	37.392	44.371
24) L6 Aroclor-1248 {2}	5.80	6.51	162.6E6	246.4E6	37.019	76.674 #
25) L6 Aroclor-1248 {3}	6.13	6.92	499.1E6	159.7E6	115.332	39.355 #
26) L6 Aroclor-1248 {4}	6.86	7.07	279.1E6	119.9E6	32.258	34.910
27) L6 Aroclor-1248 {5}	7.13	7.43	283.1E6	63516022	39.597	32.690
Sum Aroclor-1248			1517.8E6	759.5E6	261.598	228.000
Average Aroclor-1248					52.320	45.600
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

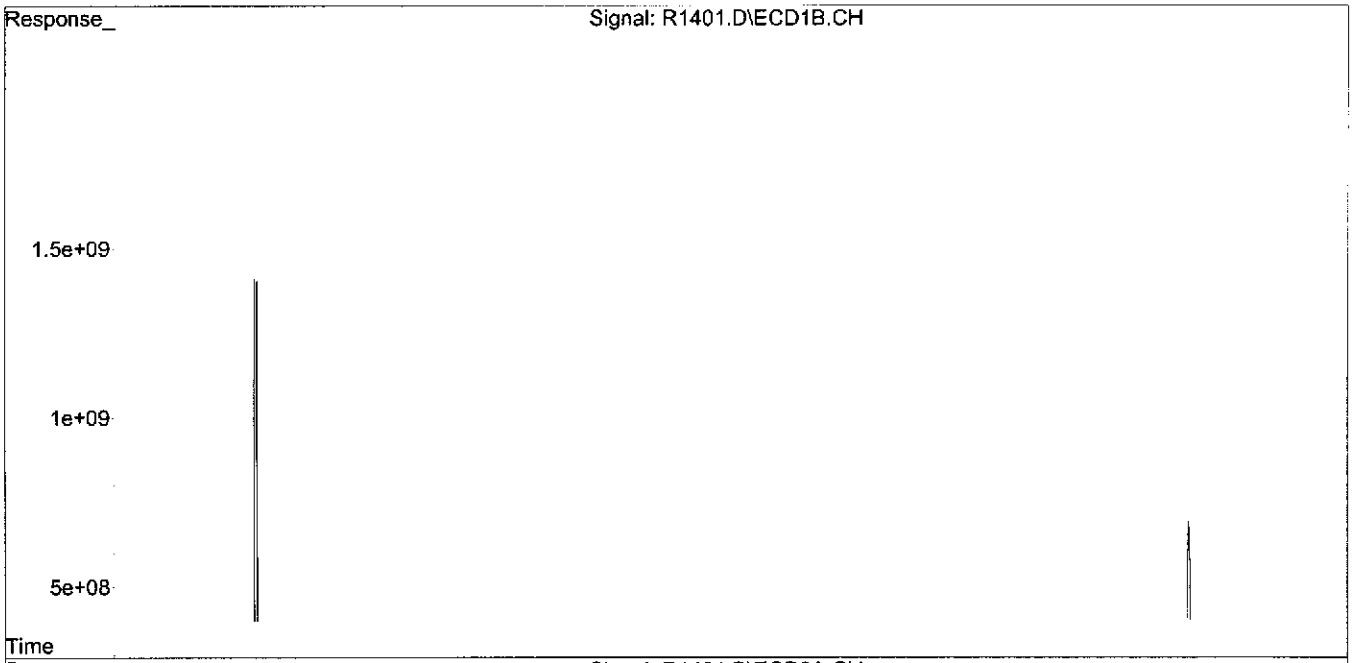
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

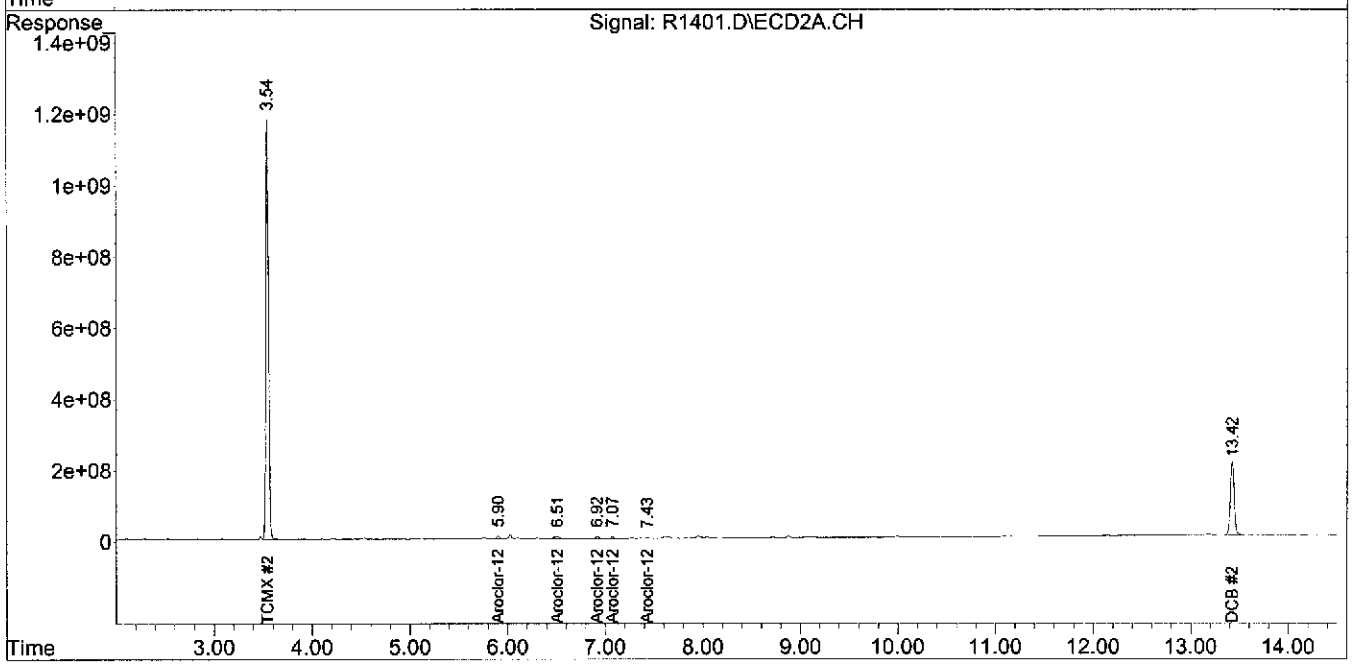
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1401.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 15:09
Operator : YG
Sample : FF-30_(4.0,06583-051,S,5.60g,24.1,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,1
ALS Vial : 61 Sample Multiplier: 1

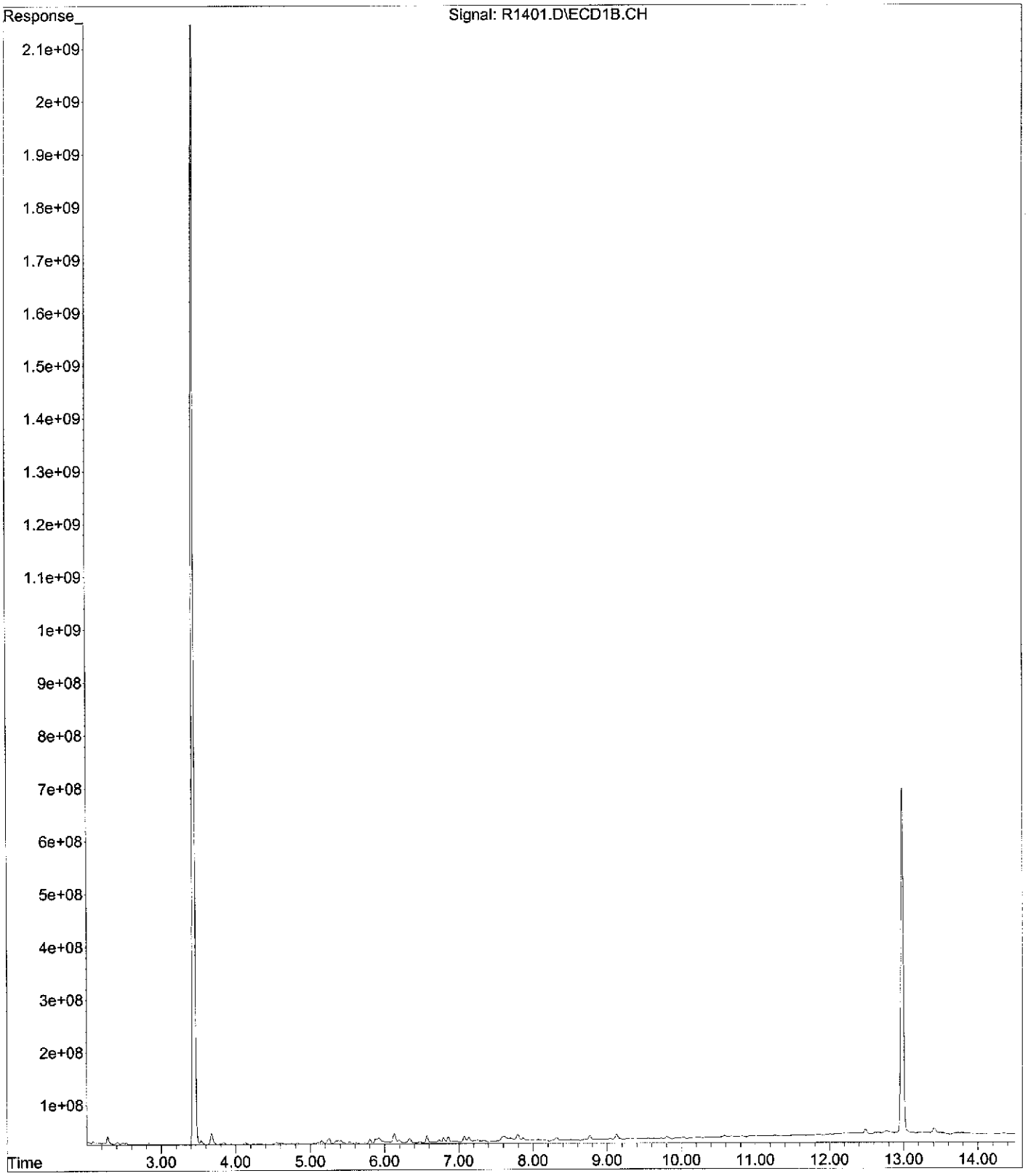
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 11:38:10 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





File :C:\MSDChem\1\DATA\07-09-12\R1401.D
Operator : YG
Acquired : 10 Jul 2012 15:09 using AcqMethod RPCB0709.M
Instrument : GC_R
Sample Name: FF-30_(4.0,06583-051,S,5.60g,24.1,07/05/12,4
Misc Info : 120705-05,07/02/12,07/02/12,1
Vial Number: 61



Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1402.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 15:26
Operator : YG
Sample : GG-30_(0-2,06583-052,S,5.42g,12.3,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,100
ALS Vial : 62 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 11:38:39 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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	5.25	5.90	4162.5E6	1845.3E6	529.757	481.683
24) L6 Aroclor-1248 {2}	5.81	6.51	2559.9E6	1400.0E6	582.844	435.720 #
25) L6 Aroclor-1248 {3}	6.14	6.92	3265.0E6	2336.7E6	754.402	575.900
26) L6 Aroclor-1248 {4}	6.86	7.08	4737.4E6	1712.1E6	547.506	498.294
27) L6 Aroclor-1248 {5}	7.14	7.43	5095.1E6	1109.4E6	712.534	570.977
Sum Aroclor-1248			19819.9E6	8403.5E6	3127.043	2562.574
Average Aroclor-1248					625.409	512.515
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

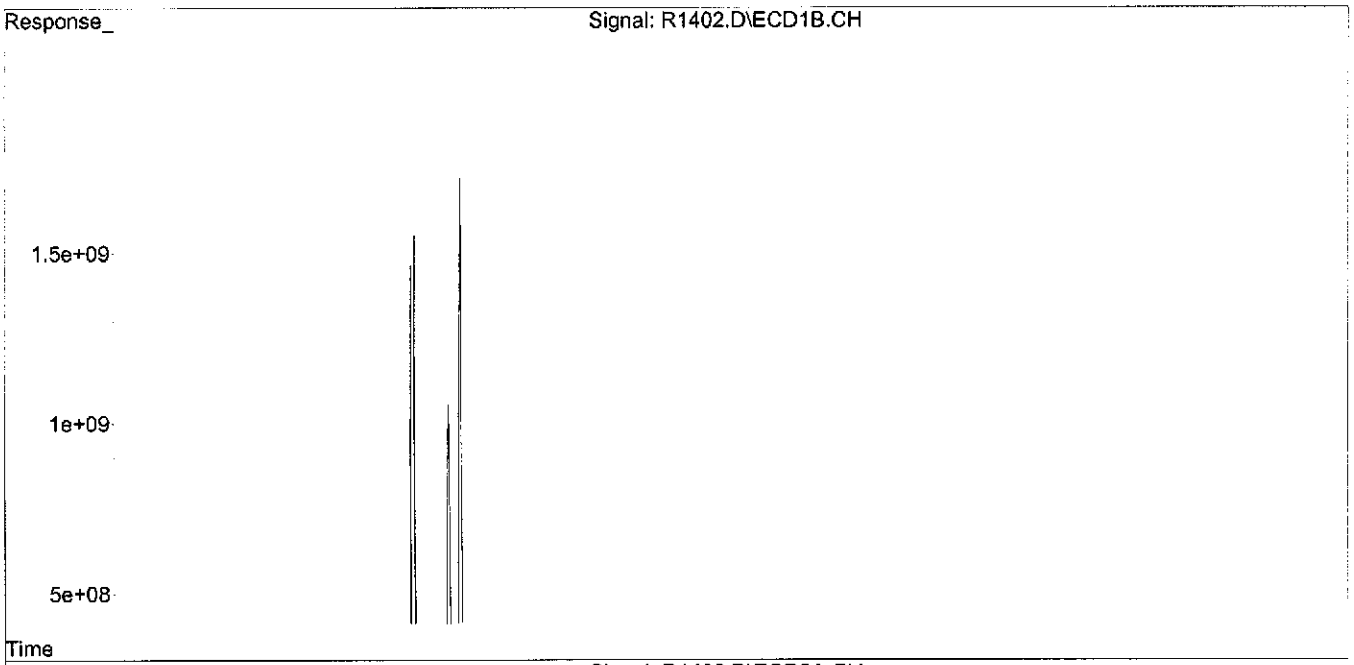
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

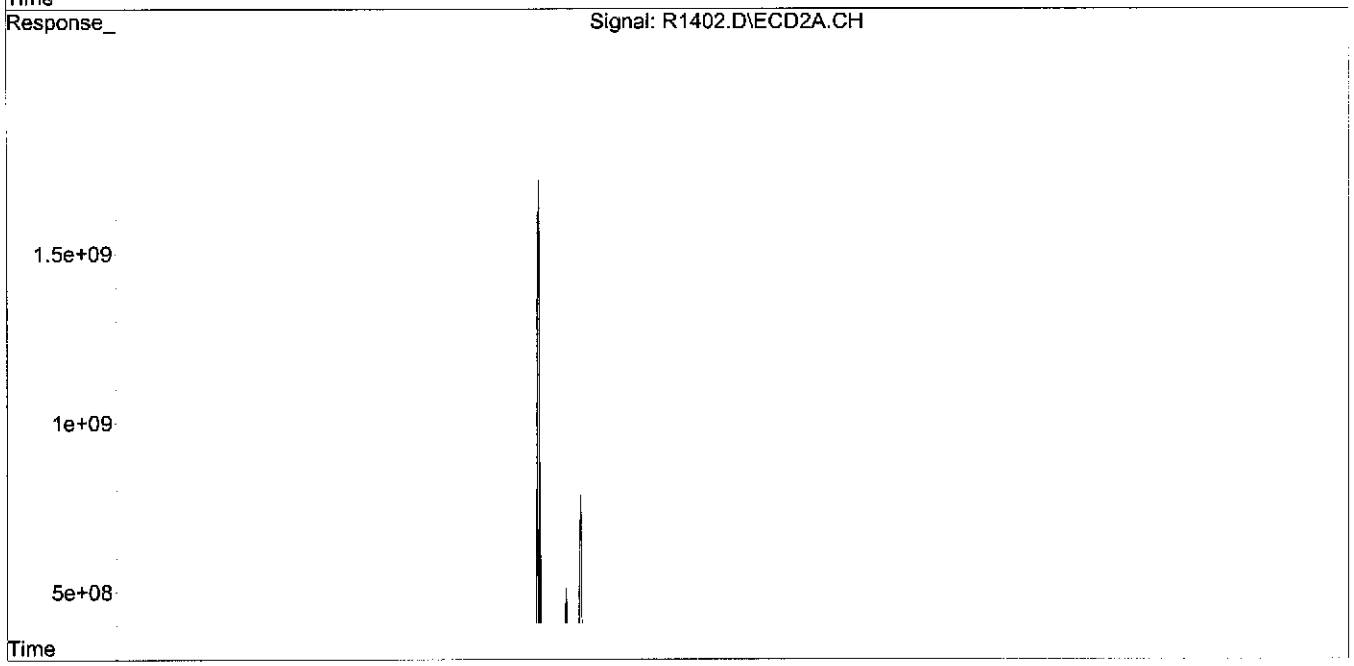
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1402.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 15:26
Operator : YG
Sample : GG-30_(0-2,06583-052,S,5.42g,12.3,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,100
ALS Vial : 62 Sample Multiplier: 1

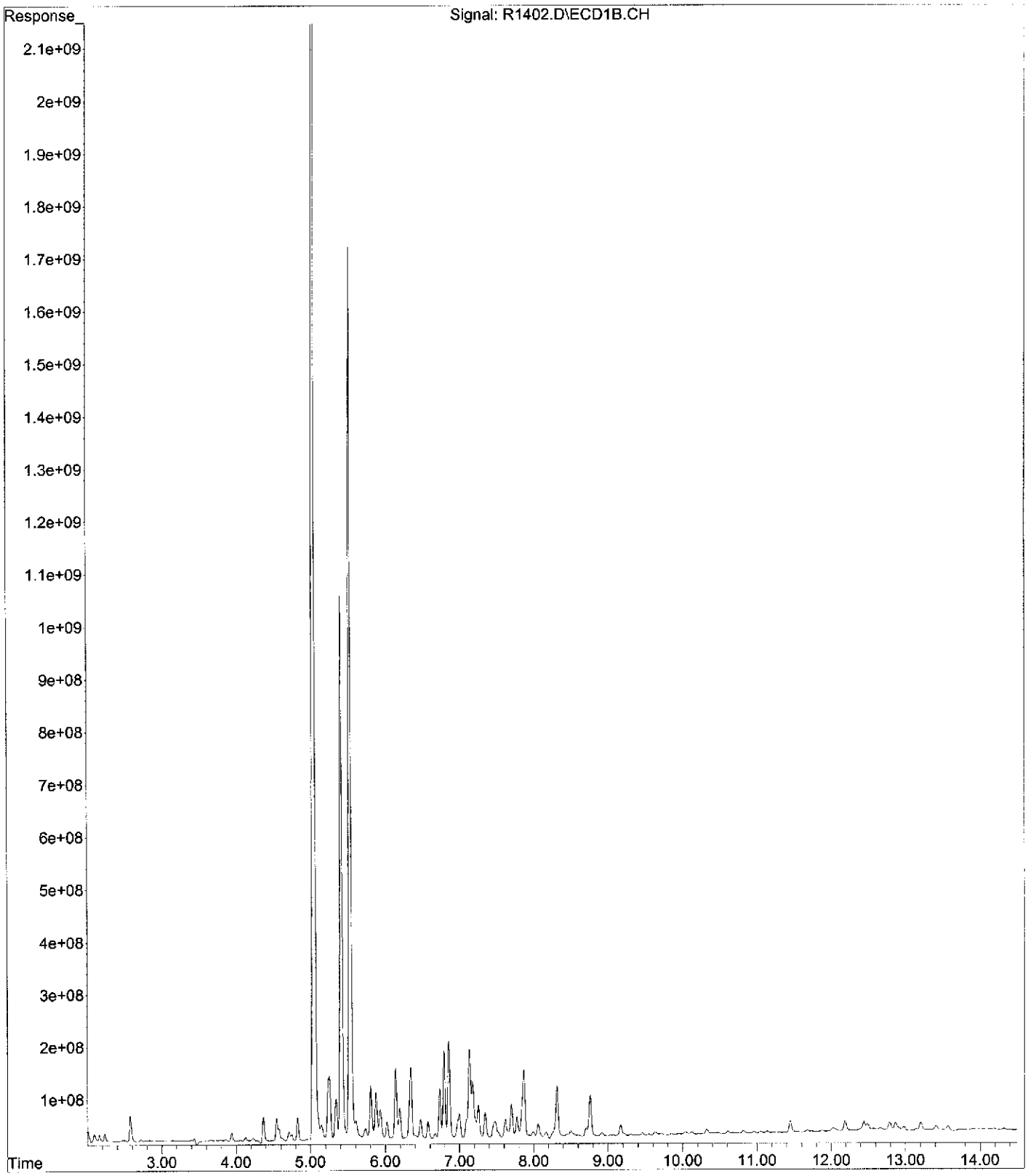
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 11:38:39 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

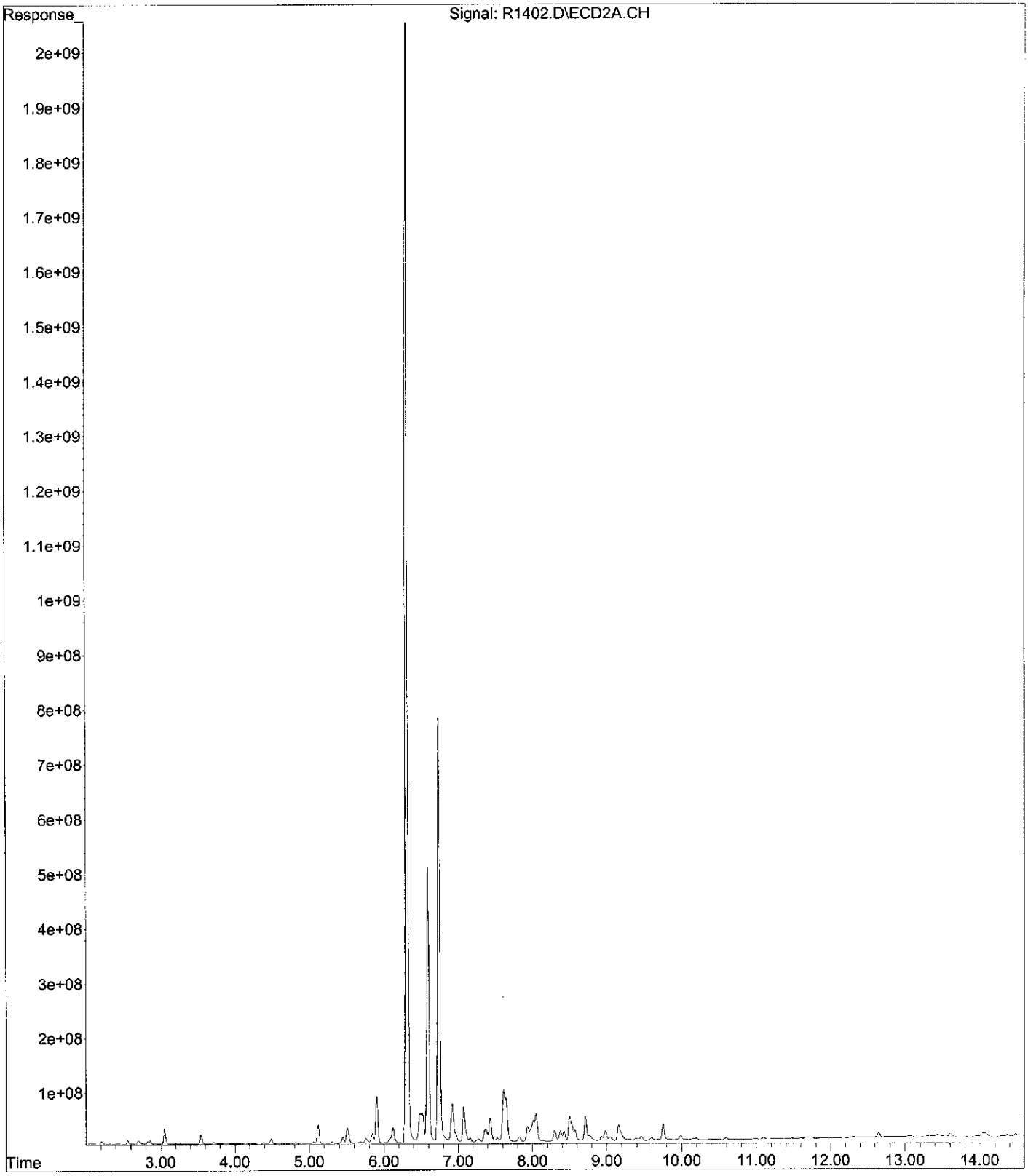




File :C:\MSDChem\1\DATA\07-09-12\R1402.D
Operator : YG
Acquired : 10 Jul 2012 15:26 using AcqMethod RPCB0709.M
Instrument : GC_R
Sample Name: GG-30_(0-2,06583-052,S,5.42g,12.3,07/05/12,4
Misc Info : 120705-05,07/02/12,07/02/12,100
Vial Number: 62



File :C:\MSDChem\1\DATA\07-09-12\R1402.D
Operator : YG
Acquired : 10 Jul 2012 15:26 using AcqMethod RPCB0709.M
Instrument : GC_R
Sample Name: GG-30_(0-2,06583-052,S,5.42g,12.3,07/05/12,4
Misc Info : 120705-05,07/02/12,07/02/12,100
Vial Number: 62



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-12-12\
Data File : R1557.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 13 Jul 2012 3:05
Operator : YG
Sample : GG-30_(2.0,06583-053,S,5.85g,30.0,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,1
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 12:15:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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	3.44	3.54	33077.7E6	24460.1E6	207.139	272.972 #
Spiked Amount 200.000			Recovery	=	103.57%	136.49%
2) S DCB	12.98	13.42	9603.4E6	4162.2E6	164.674	169.483m
Spiked Amount 200.000			Recovery	=	82.34%	84.74%
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	5.23	5.90	1538.8E6	459.8E6	195.841	120.017 #
24) L6 Aroclor-1248 {2}	5.81	6.51	894.3E6	696.9E6	203.611	216.886
25) L6 Aroclor-1248 {3}	0.00	6.91	0	704.6E6	N.D. d	173.646 #
26) L6 Aroclor-1248 {4}	6.86	7.07	1427.2E6	415.6E6	164.938	120.956 #
27) L6 Aroclor-1248 {5}	7.13	7.42	1288.0E6	475.9E6	180.118	244.934 #
Sum Aroclor-1248			5148.2E6	2752.7E6	744.508	876.438
Average Aroclor-1248					186.127	175.288
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

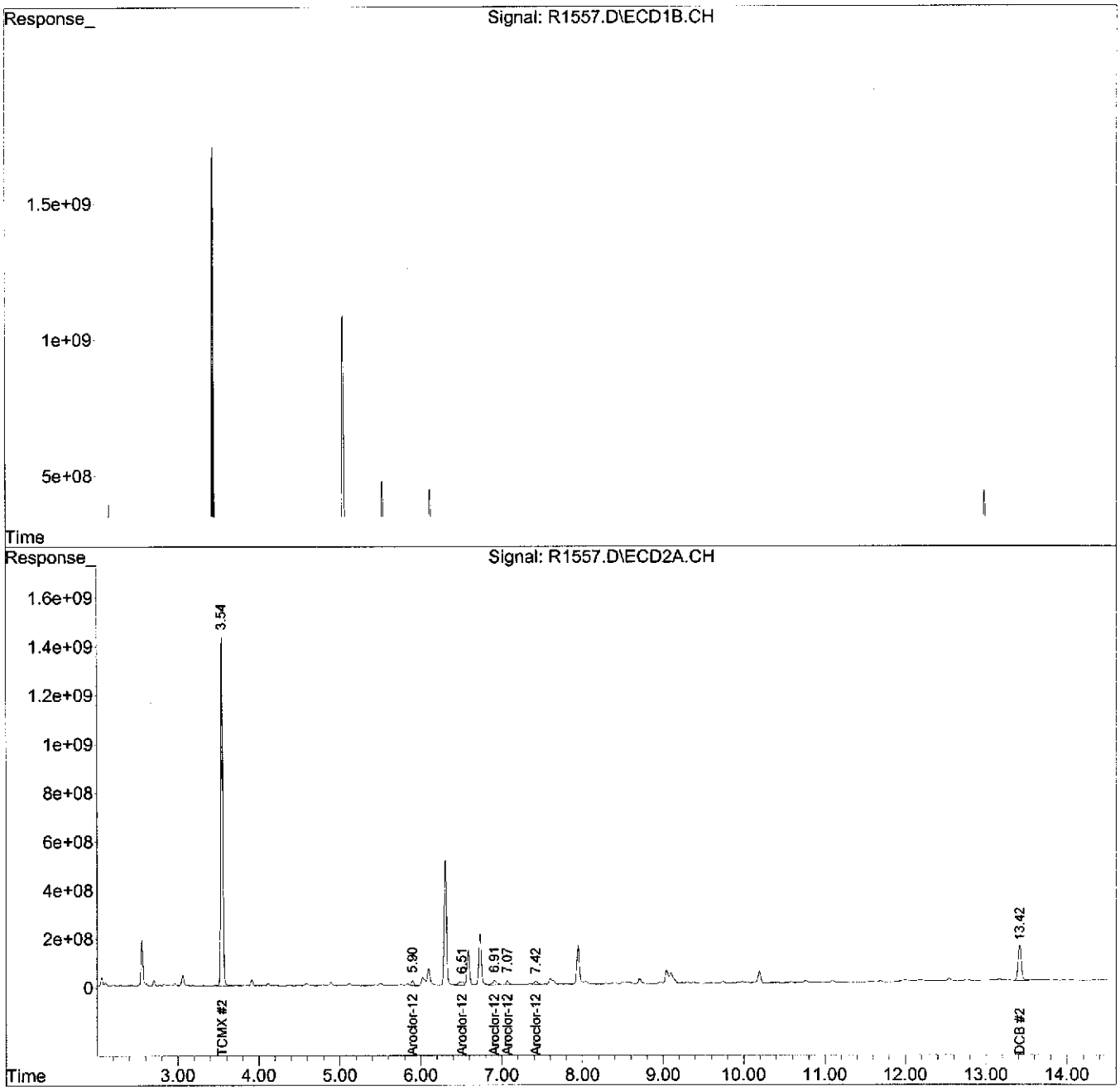
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

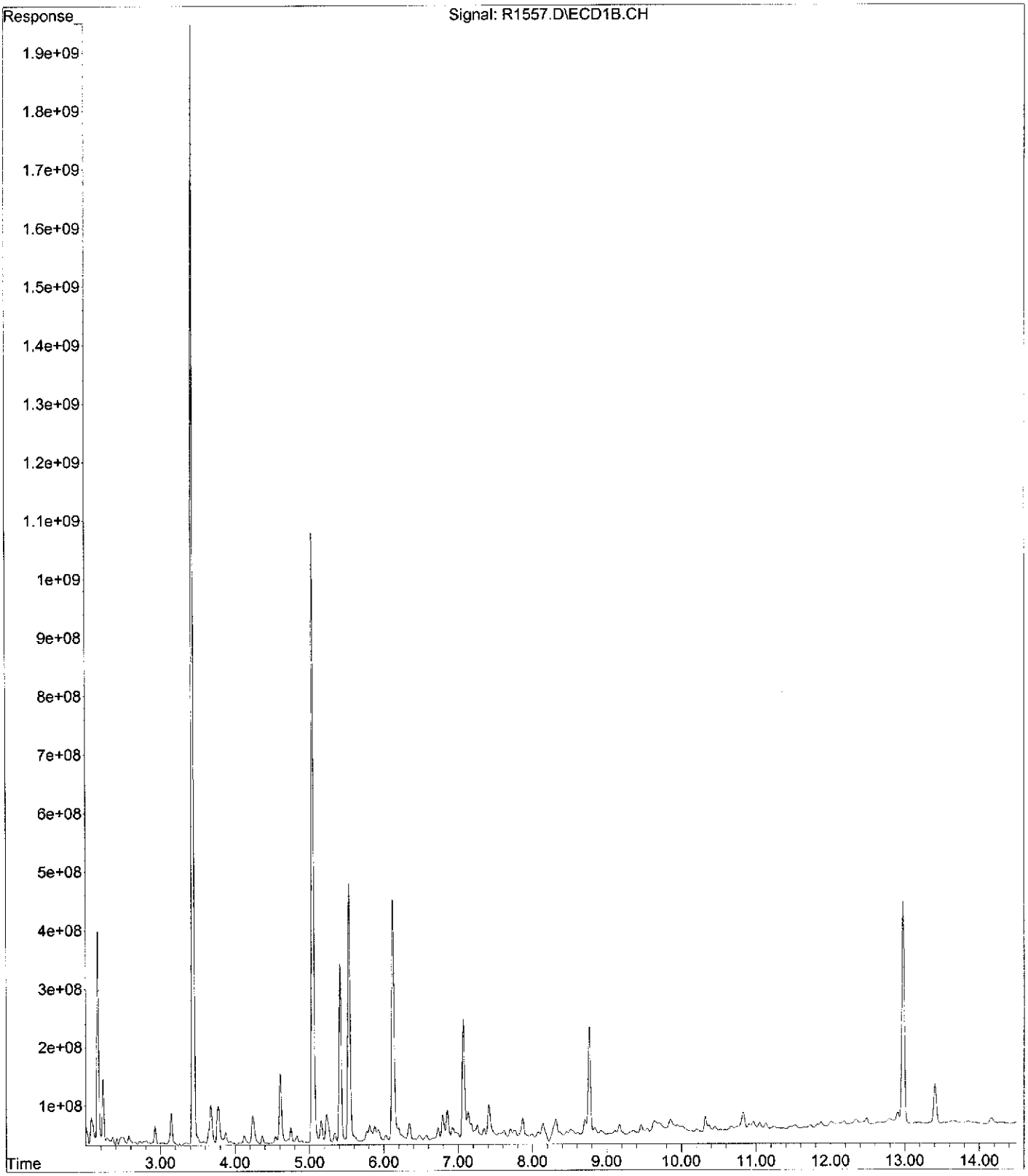
Data Path : C:\MSDCHEM\1\DATA\07-12-12\
Data File : R1557.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 13 Jul 2012 3:05
Operator : YG
Sample : GG-30_(2.0,06583-053,S,5.85g,30.0,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,1
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 12:15:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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\07-12-12\R1557.D
Operator : YG
Acquired : 13 Jul 2012 3:05 using AcqMethod RPCB0709.M
Instrument : GC_R
Sample Name: GG-30_(2.0,06583-053,S,5.85g,30.0,07/05/12,4
Misc Info : 120705-05,07/02/12,07/02/12,1
Vial Number: 13



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1404.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 16:01
Operator : YG
Sample : GG-30_(4.0,06583-054,S,5.60g,20.9,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,1
ALS Vial : 64 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 11:39:07 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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	3.44	3.55	45562.2E6	23293.2E6	285.320	259.950
Spiked Amount 200.000			Recovery	=	142.66%	129.97%
2) S DCB	12.98	13.42	15375.2E6	5594.2E6	263.647m	227.796
Spiked Amount 200.000			Recovery	=	131.82%	113.90%
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

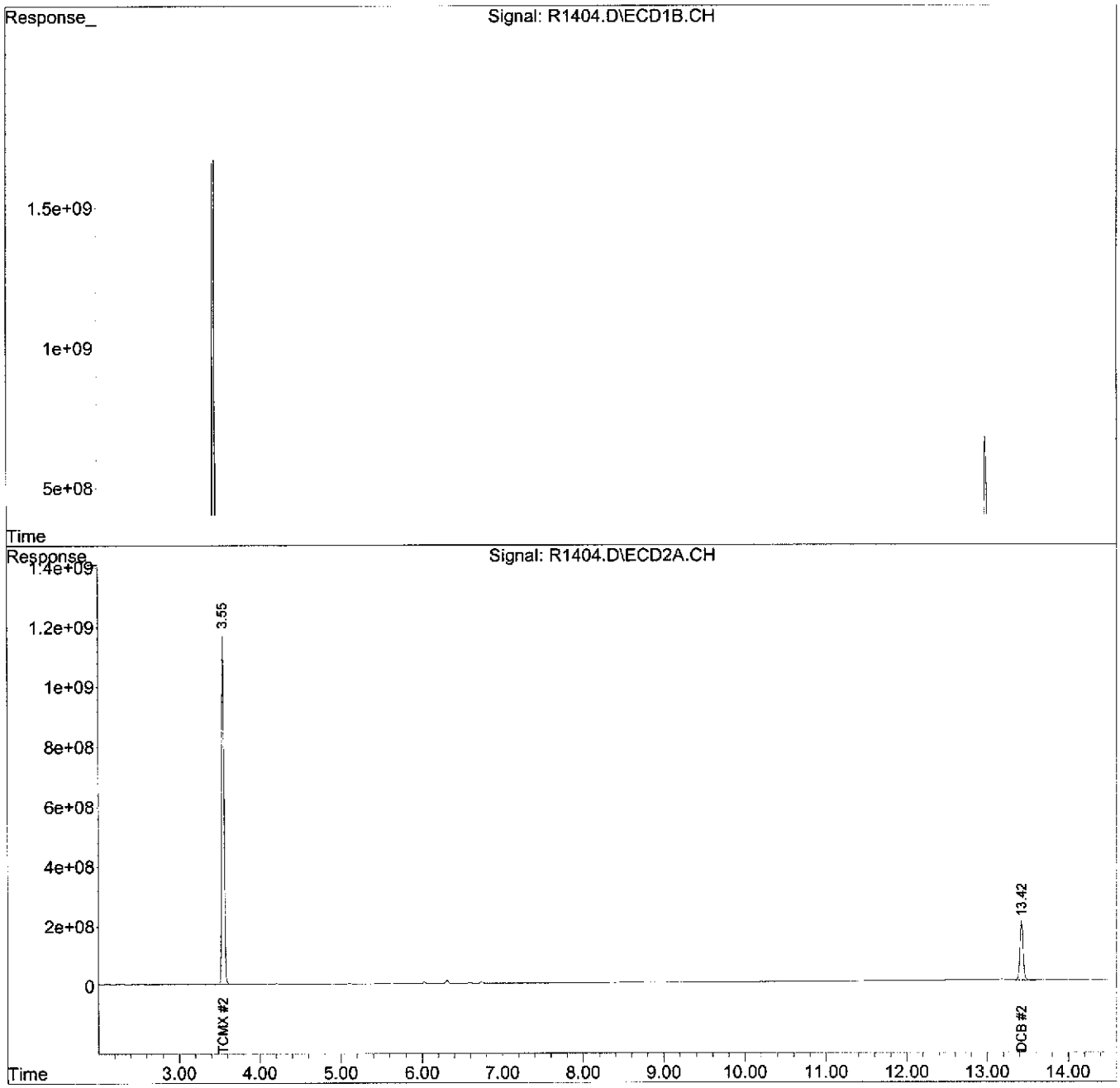
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

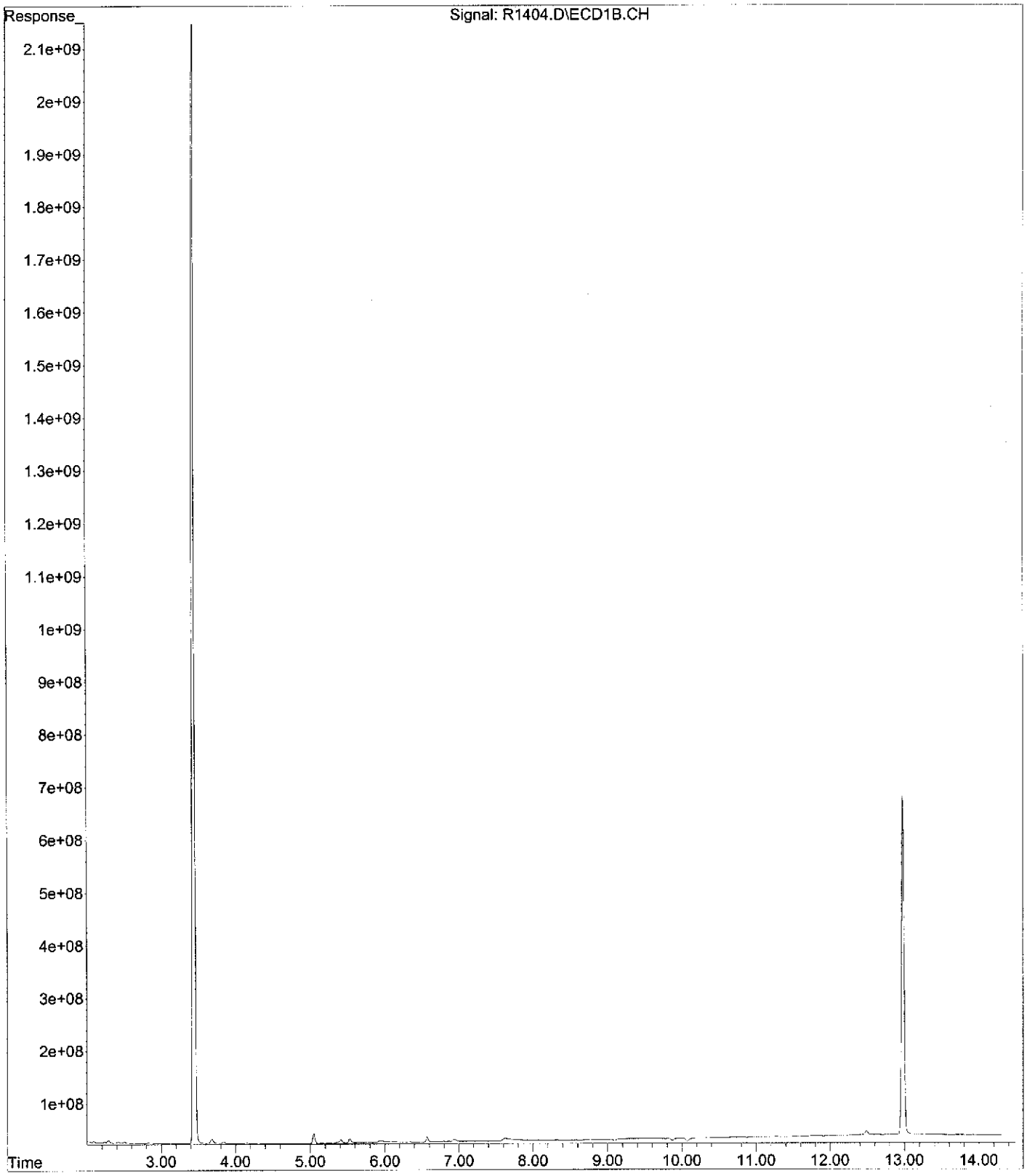
Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1404.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 16:01
Operator : YG
Sample : GG-30_(4.0,06583-054,S,5.60g,20.9,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,1
ALS Vial : 64 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 11:39:07 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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\07-09-12\R1404.D
Operator : YG
Acquired : 10 Jul 2012 16:01 using AcqMethod RPCB0709.M
Instrument : GC_R
Sample Name: GG-30_(4.0,06583-054,S,5.60g,20.9,07/05/12,4
Misc Info : 120705-05,07/02/12,07/02/12,1
Vial Number: 64



Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1405.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 16:18
Operator : YG
Sample : HH-30_(0-2,06583-055,S,5.63g,9.50,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,100
ALS Vial : 65 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 11:40:56 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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	5.25	5.90	1776.3E6	947.0E6	226.067	247.197
24) L6 Aroclor-1248 {2}	5.80	6.51	989.7E6	831.3E6	225.345	258.728m
25) L6 Aroclor-1248 {3}	6.14	6.92	1250.6E6	1264.1E6	288.971	311.555
26) L6 Aroclor-1248 {4}	6.86	7.07	2305.6E6	957.7E6	266.463	278.716
27) L6 Aroclor-1248 {5}	7.14	7.43	2089.3E6	538.5E6	292.176	277.174
Sum Aroclor-1248			8411.6E6	4538.7E6	1299.022	1373.369
Average Aroclor-1248					259.804	274.674
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

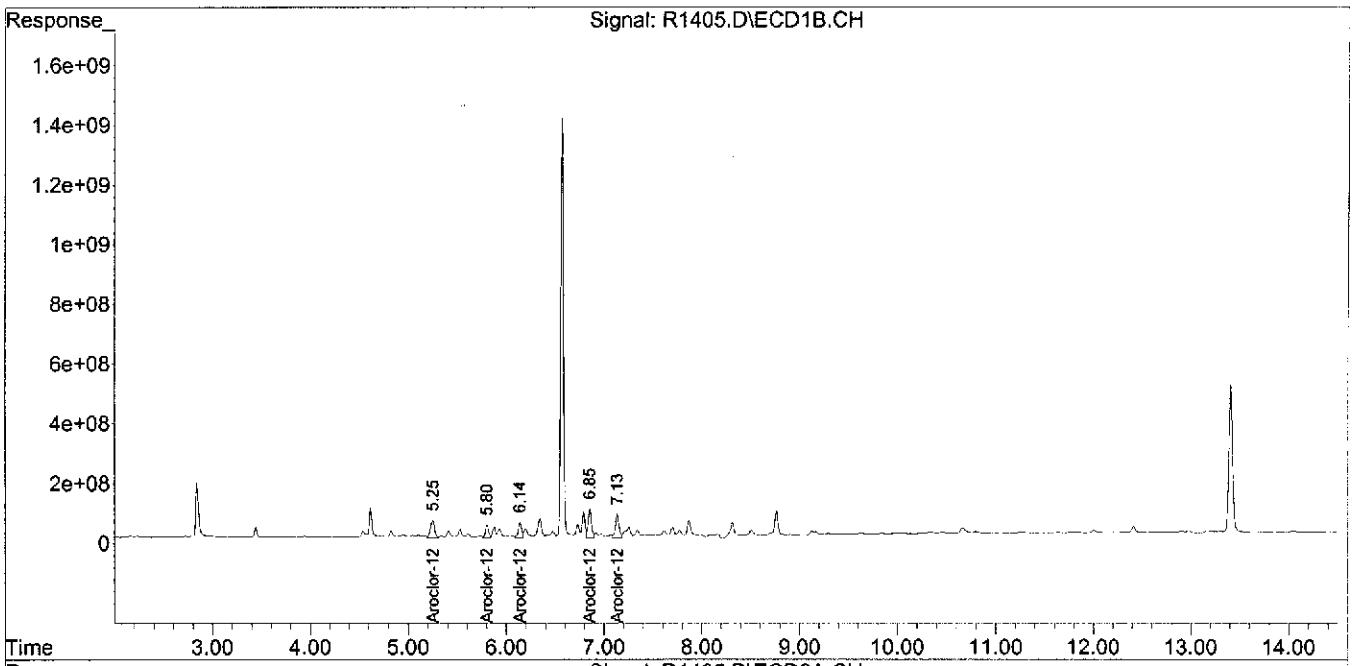
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

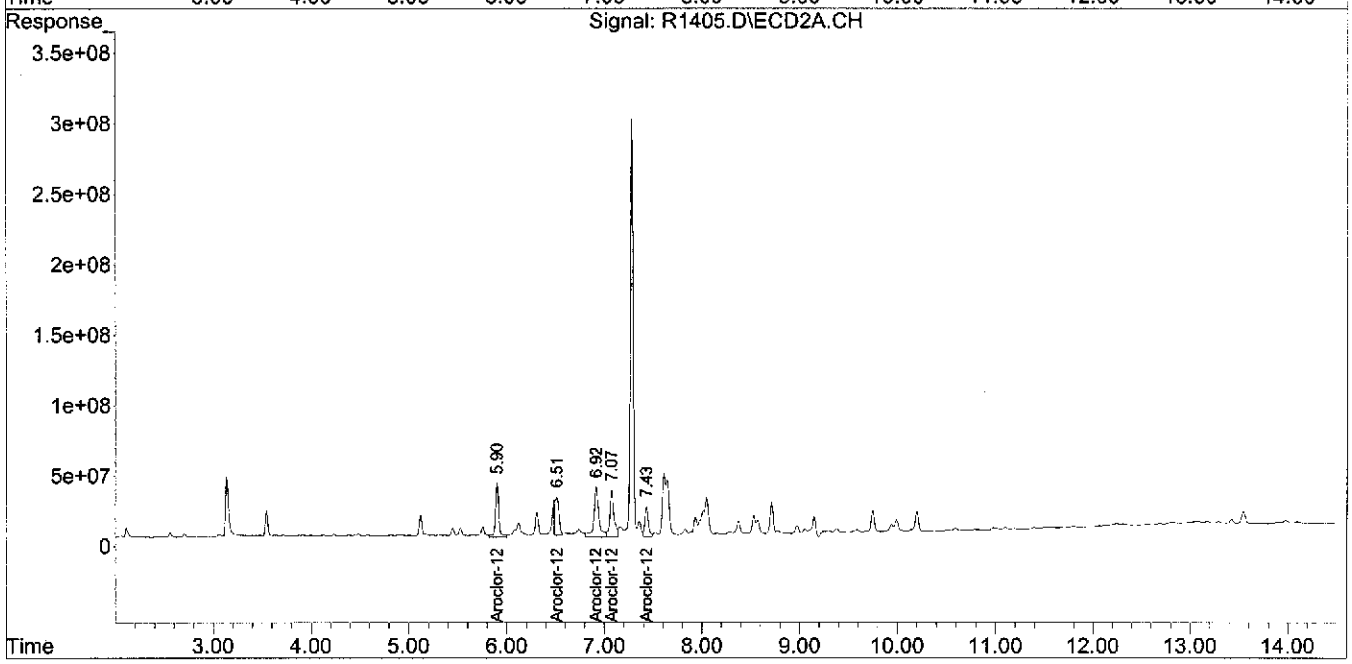
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1405.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 16:18
Operator : YG
Sample : HH-30_(0-2,06583-055,S,5.63g,9.50,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,100
ALS Vial : 65 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 11:40:56 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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\07-11-12\
Data File : R1487.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Jul 2012 1:38
Operator : YG
Sample : HH-30_(2.0,06583-056,S,5.49g,14.6,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,1
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 12:07:26 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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	3.44	3.55	30624.3E6	18104.1E6	191.776	202.040	
Spiked Amount 200.000			Recovery	=	95.89%	101.02%	
2) S DCB	12.98	13.42	11042.7E6	4327.8E6	189.355m	176.228m	
Spiked Amount 200.000			Recovery	=	94.68%	88.11%	
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	5.23	5.90	1225.1E6	453.5E6	155.920	118.392	
24) L6 Aroclor-1248 {2}	5.81	6.51	564.5E6	592.7E6	128.519	184.462	#
25) L6 Aroclor-1248 {3}	6.13	6.91	1166.8E6	482.7E6	269.612	118.971	#
26) L6 Aroclor-1248 {4}	6.86	7.07	1170.2E6	357.6E6	135.241	104.089	
27) L6 Aroclor-1248 {5}	7.14	7.41	1169.8E6	514.1E6	163.597	264.619	#
Sum Aroclor-1248			5296.5E6	2400.8E6	852.889	790.534	
Average Aroclor-1248					170.578	158.107	
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	

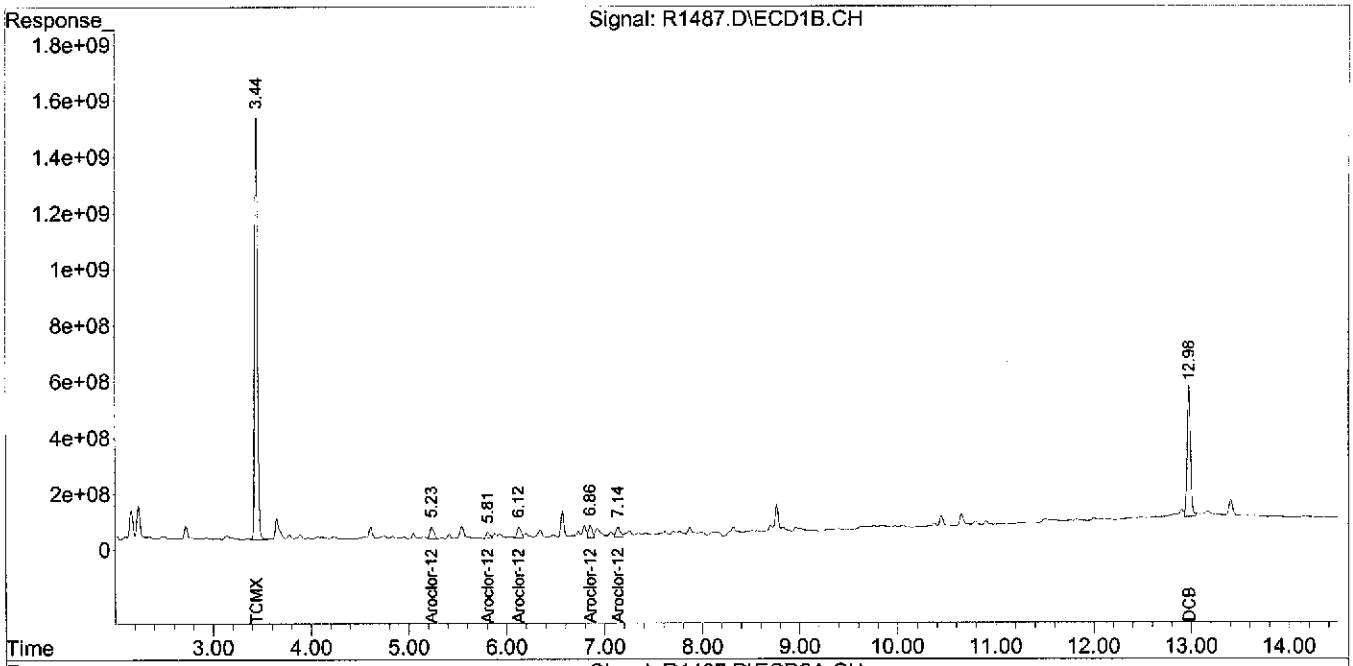
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

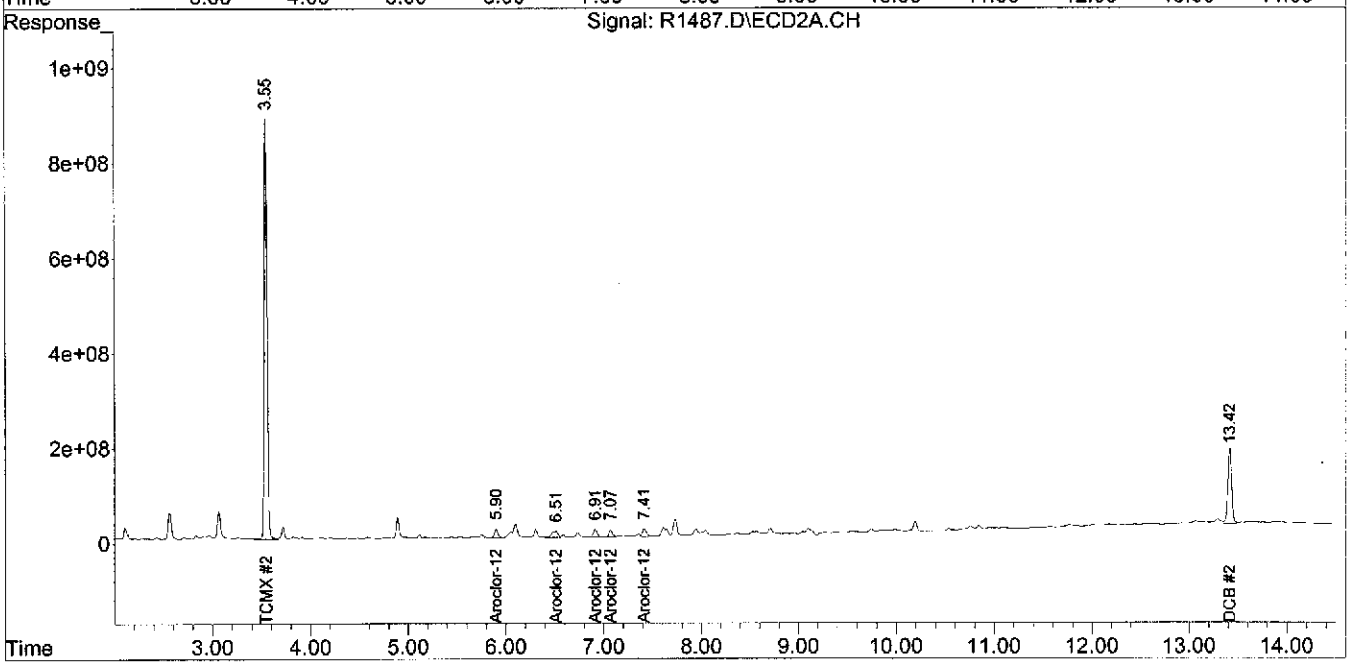
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-11-12\
Data File : R1487.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Jul 2012 1:38
Operator : YG
Sample : HH-30_(2.0,06583-056,S,5.49g,14.6,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,1
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 12:07:26 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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\07-11-12\
Data File : R1488.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Jul 2012 1:55
Operator : YG
Sample : HH-30_(4.0,06583-057,S,5.61g,46.3,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,1
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 12:08:52 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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	3.44	3.55	42600.2E6	22246.8E6	266.771	248.272
Spiked Amount 200.000			Recovery	=	133.39%	124.14%
2) S DCB	12.98	13.41	14466.3E6	5252.4E6	248.060m	213.877m
Spiked Amount 200.000			Recovery	=	124.03%	106.94%
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

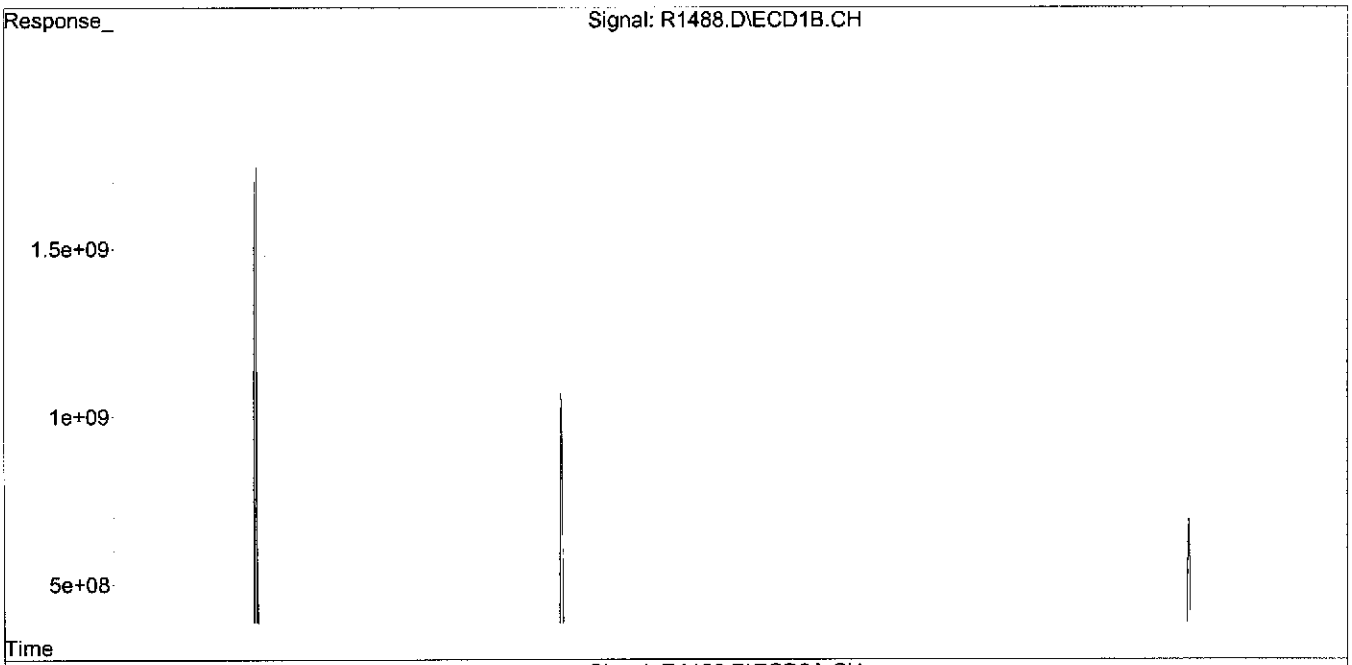
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

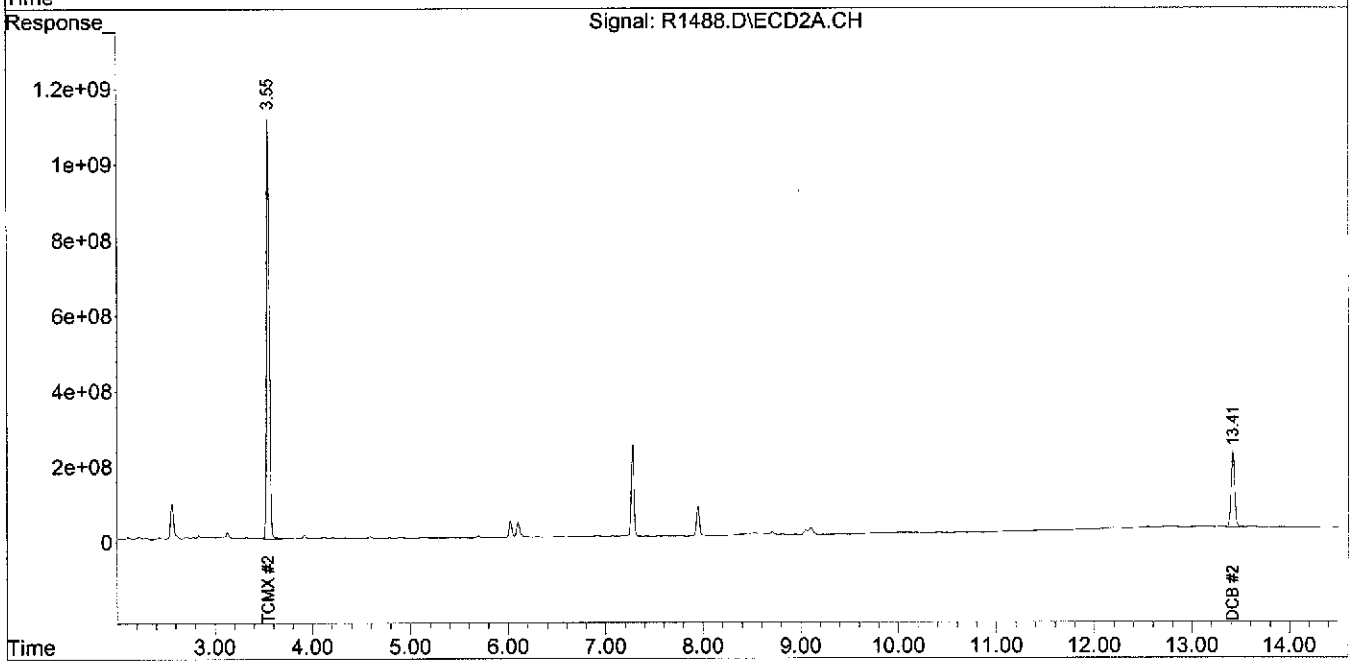
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-11-12\
Data File : R1488.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Jul 2012 1:55
Operator : YG
Sample : HH-30_(4.0,06583-057,S,5.61g,46.3,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,1
ALS Vial : 24 Sample Multiplier: 1

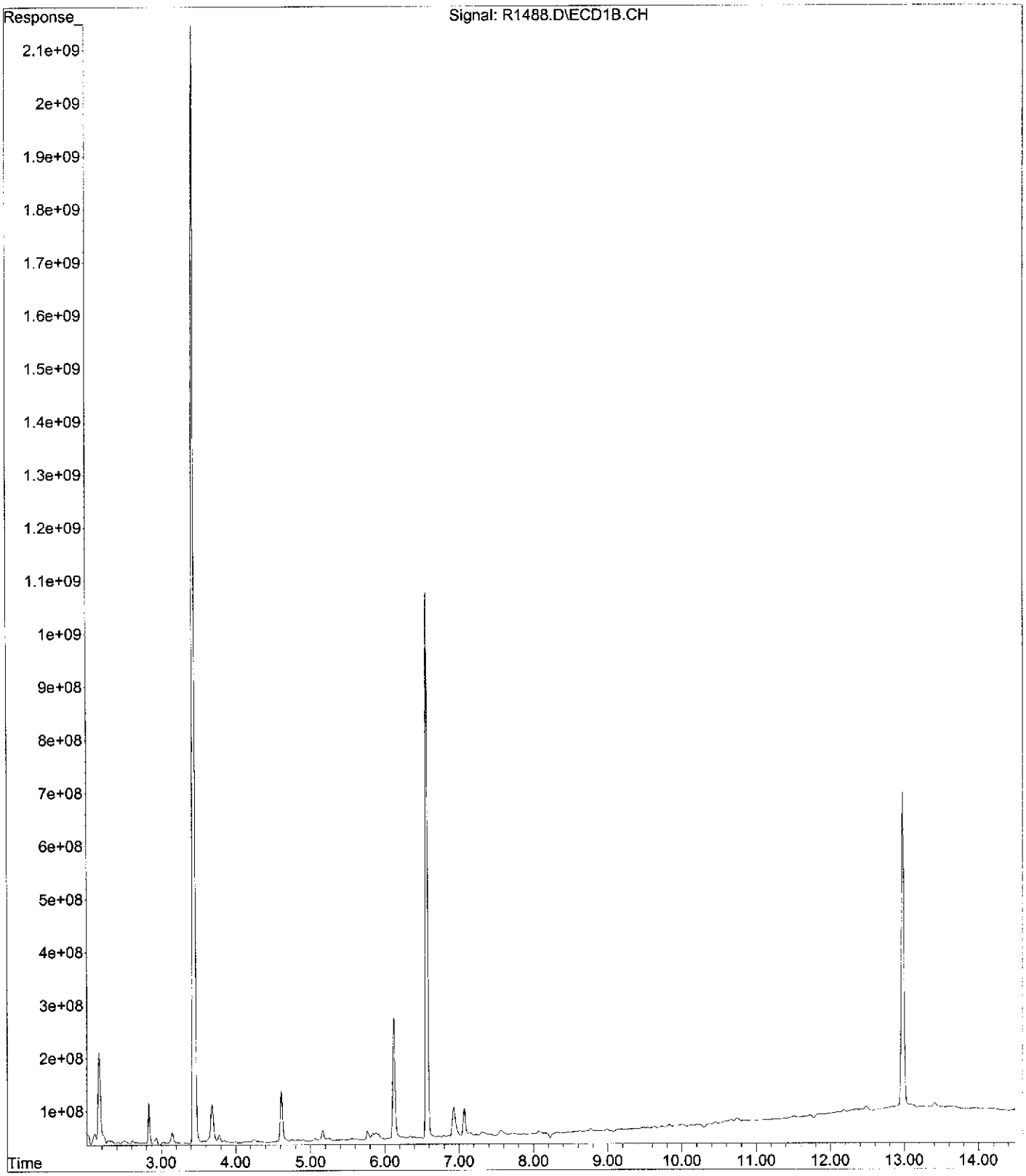
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 12:08:52 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





File :C:\MSDChem\1\DATA\07-11-12\R1488.D
Operator : YG
Acquired : 12 Jul 2012 1:55 using AcqMethod RPCB0709.M
Instrument : GC_R
Sample Name: HH-30_(4.0,06583-057,S,5.61g,46.3,07/05/12,4
Misc Info : 120705-05,07/02/12,07/02/12,1
Vial Number: 24



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1408.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 17:11
Operator : YG
Sample : II-30_(0-2,06583-058,S,5.33g,33.5,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,10
ALS Vial : 68 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 11:48:19 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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	3.44	3.54	4382.1E6	2763.6E6	27.442m	30.842m
Spiked Amount 200.000			Recovery	=	13.72%	15.42%
2) S DCB	12.98	13.42	1672.0E6	713.9E6	28.671	29.069m
Spiked Amount 200.000			Recovery	=	14.34%	14.53%
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	5.24	5.90	15456.9E6	7603.3E6	1967.179m	1984.722
24) L6 Aroclor-1248 {2}	5.80	6.51	8500.9E6	12726.7E6	1935.502m	3960.809 #
25) L6 Aroclor-1248 {3}	6.14	6.92	7176.3E6	6601.6E6	1658.167	1627.011
26) L6 Aroclor-1248 {4}	6.85	7.08	10541.6E6	6429.0E6	1218.300	1871.091 #
27) L6 Aroclor-1248 {5}	7.14	7.43	8840.6E6	2369.7E6	1236.317	1219.643
Sum Aroclor-1248			50516.4E6	35730.3E6	8015.466	10663.276
Average Aroclor-1248					1603.093	2132.655
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

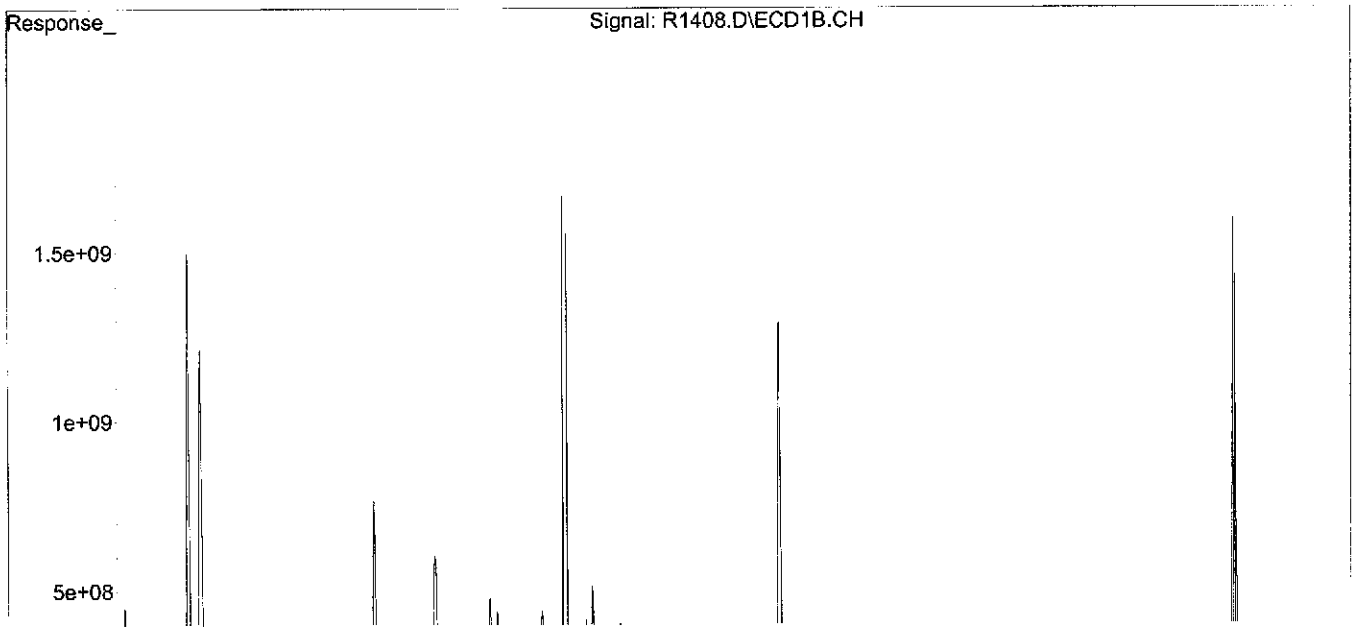
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

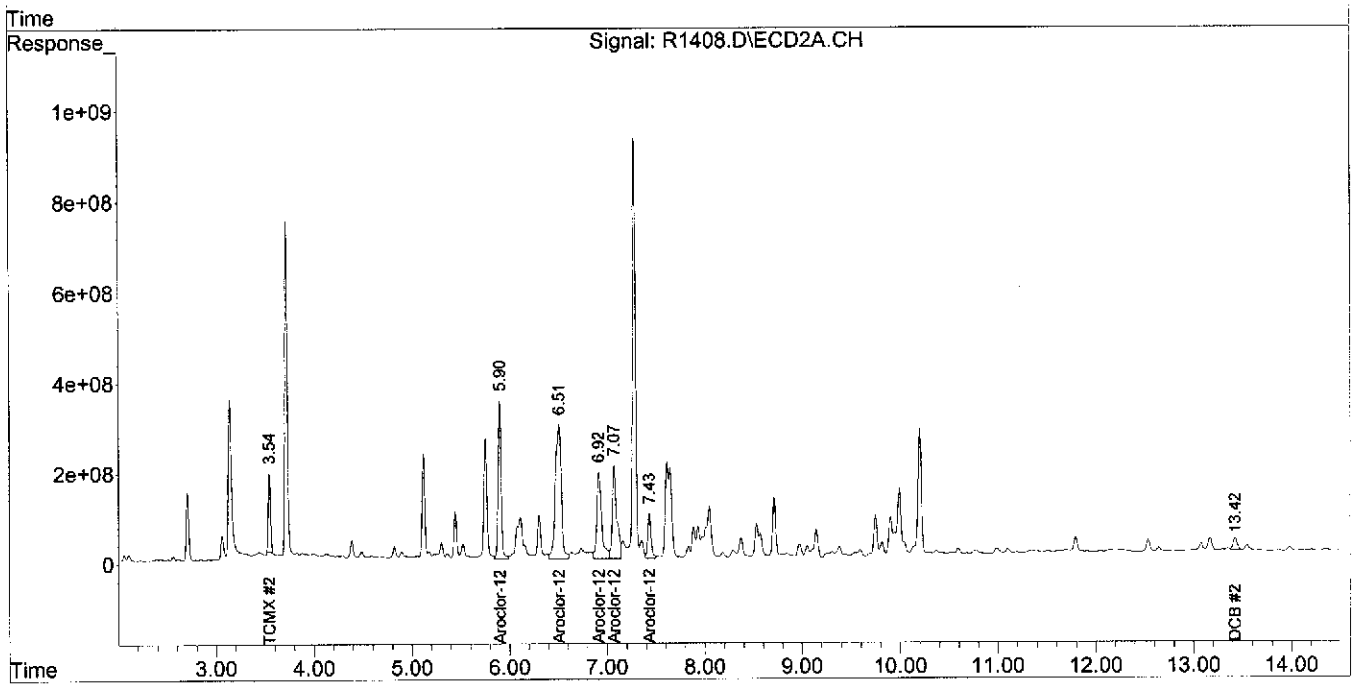
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1408.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 17:11
Operator : YG
Sample : II-30_(0-2,06583-058,S,5.33g,33.5,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,10
ALS Vial : 68 Sample Multiplier: 1

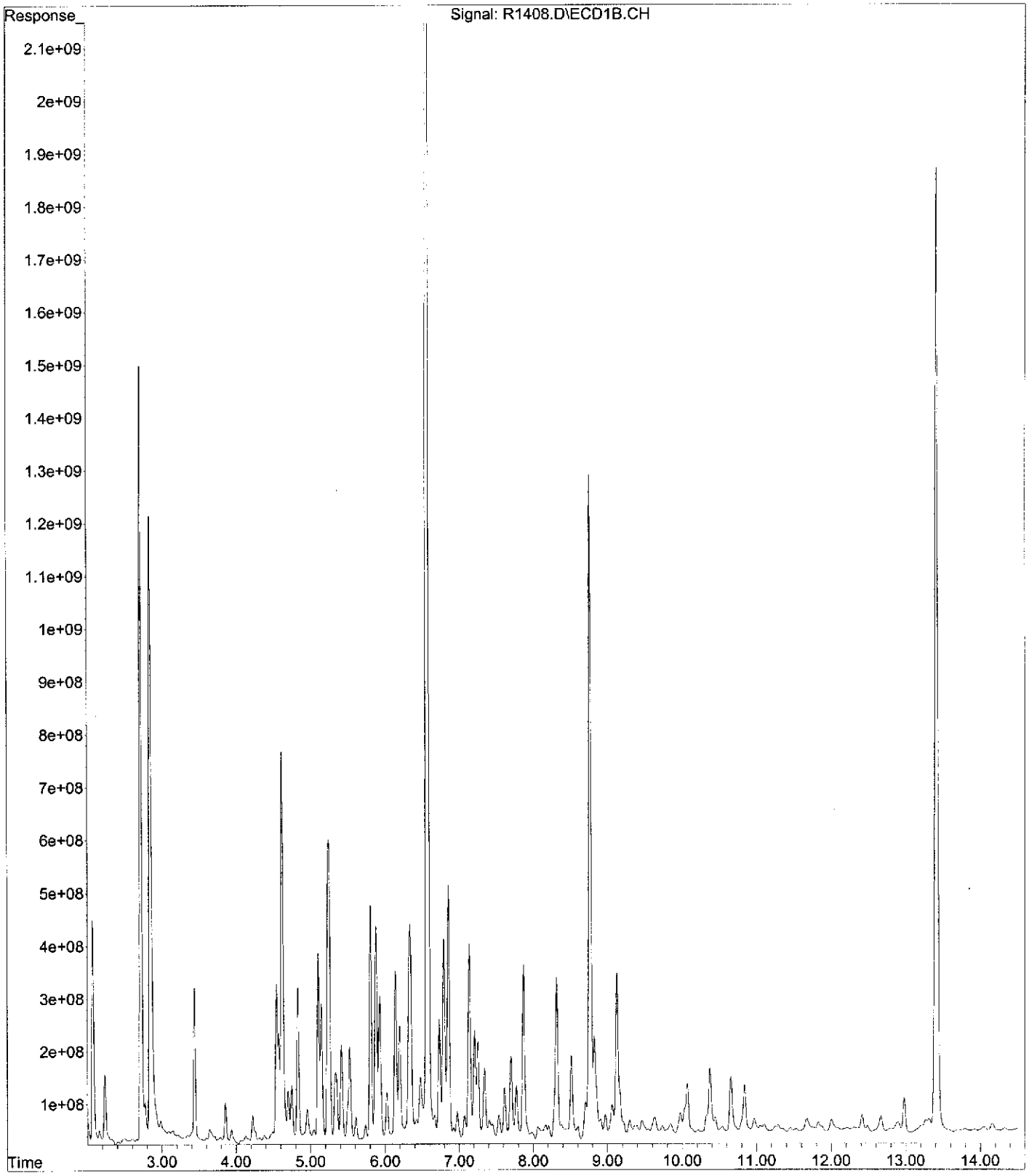
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 11:48:19 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





File :C:\MSDChem\1\DATA\07-09-12\R1408.D
Operator : YG
Acquired : 10 Jul 2012 17:11 using AcqMethod RPCB0709.M
Instrument : GC_R
Sample Name: II-30_(0-2,06583-058,S,5.33g,33.5,07/05/12,4
Misc Info : 120705-05,07/02/12,07/02/12,10
Vial Number: 68



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-11-12\
Data File : R1489.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Jul 2012 2:12
Operator : YG
Sample : II-30_(2.0,06583-059,S,5.65g,26.5,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,10
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 13:09:59 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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	3.44	3.54	5023.4E6	2812.7E6	31.457m	31.390m
Spiked Amount 200.000			Recovery	=	15.73%	15.70%
2) S DCB	12.98	13.42	1328.6E6	582.8E6	22.783m	23.732m
Spiked Amount 200.000			Recovery	=	11.39%	11.87%
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	5.24	5.90	5150.5E6	2257.3E6	655.494	589.231
24) L6 Aroclor-1248 {2}	5.81	6.51	3290.2E6	2488.5E6	749.109	774.465m
25) L6 Aroclor-1248 {3}	6.14	6.92	1738.6E6	1432.0E6	401.716	352.930
26) L6 Aroclor-1248 {4}	6.86	7.07	2303.5E6	1211.4E6	266.217	352.567 #
27) L6 Aroclor-1248 {5}	7.14	7.43	1991.0E6	536.4E6	278.431	276.064
Sum Aroclor-1248			14473.7E6	7925.6E6	2350.968	2345.258
Average Aroclor-1248					470.194	469.052
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

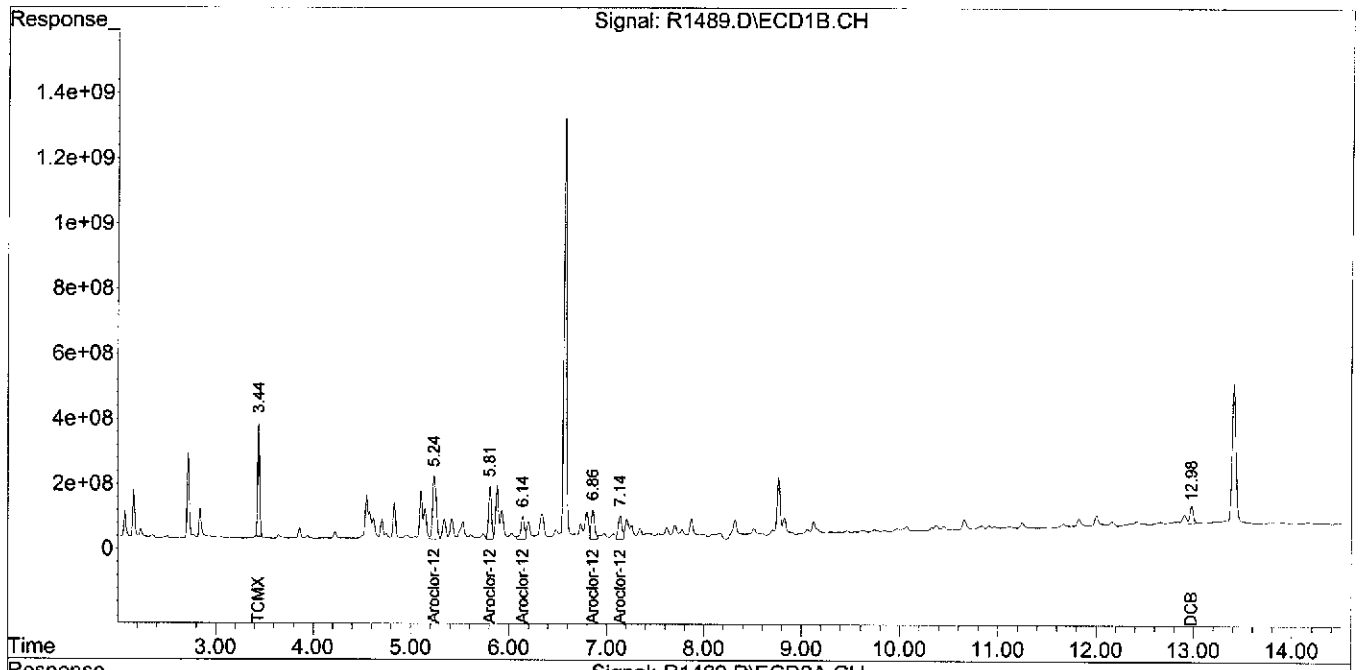
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

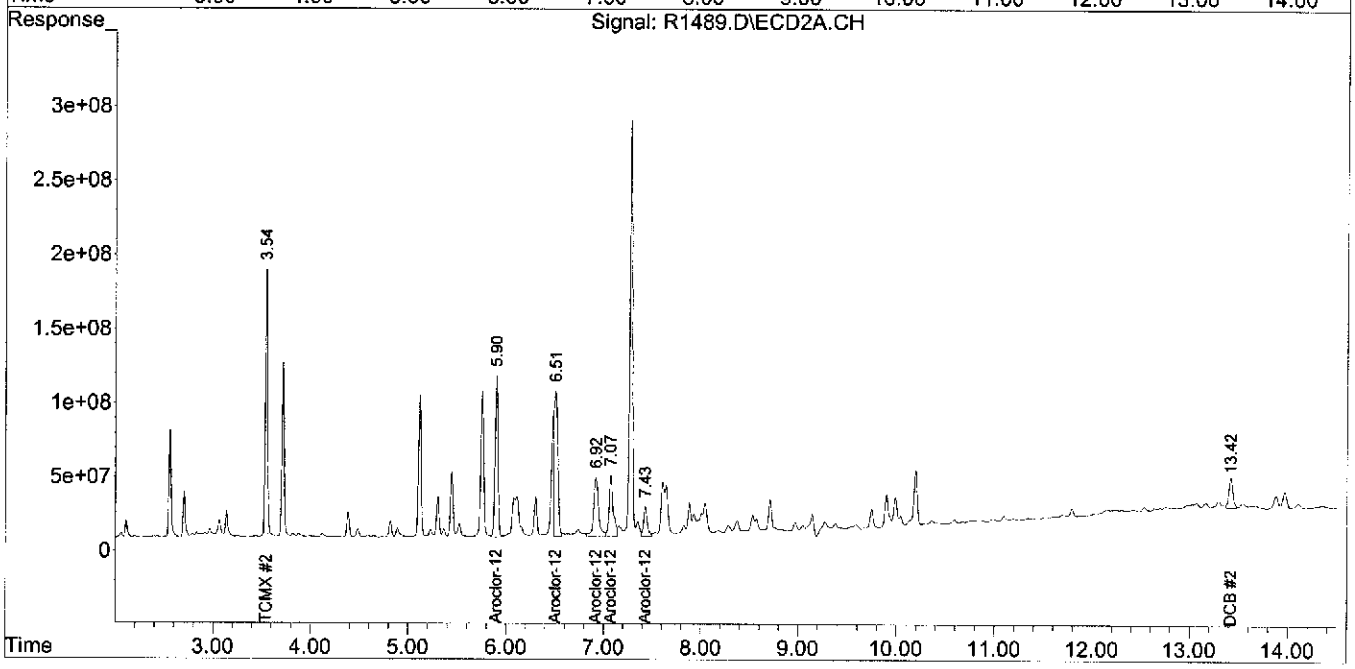
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-11-12\
Data File : R1489.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Jul 2012 2:12
Operator : YG
Sample : II-30_(2.0,06583-059,S,5.65g,26.5,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,10
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 13:09:59 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Tue Jul 10 18:42:21 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\07-09-12\
Data File : R1410.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 17:45
Operator : YG
Sample : II-30_(4.0,06583-060,S,5.82g,21.0,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,1
ALS Vial : 70 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 11:48:53 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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	3.44	3.55	43831.9E6	21982.9E6	274.484	245.327	
Spiked Amount 200.000			Recovery	=	137.24%	122.66%	
2) S DCB	12.98	13.42	17697.9E6	5999.4E6	303.475m	244.296	
Spiked Amount 200.000			Recovery	=	151.74%	122.15%	
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	5.24	5.90	738.6E6	331.2E6	94.000	86.445	
24) L6 Aroclor-1248 {2}	5.80	6.51	595.8E6	627.0E6	135.643	195.151	#
25) L6 Aroclor-1248 {3}	6.14	6.92	449.6E6	211.5E6	103.875	52.122	#
26) L6 Aroclor-1248 {4}	6.86	7.07	561.5E6	188.7E6	64.890	54.912	
27) L6 Aroclor-1248 {5}	7.14	7.43	553.0E6	82976120	77.335	42.706	#
Sum Aroclor-1248			2898.4E6	1441.4E6	475.743	431.336	
Average Aroclor-1248					95.149	86.267	
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	

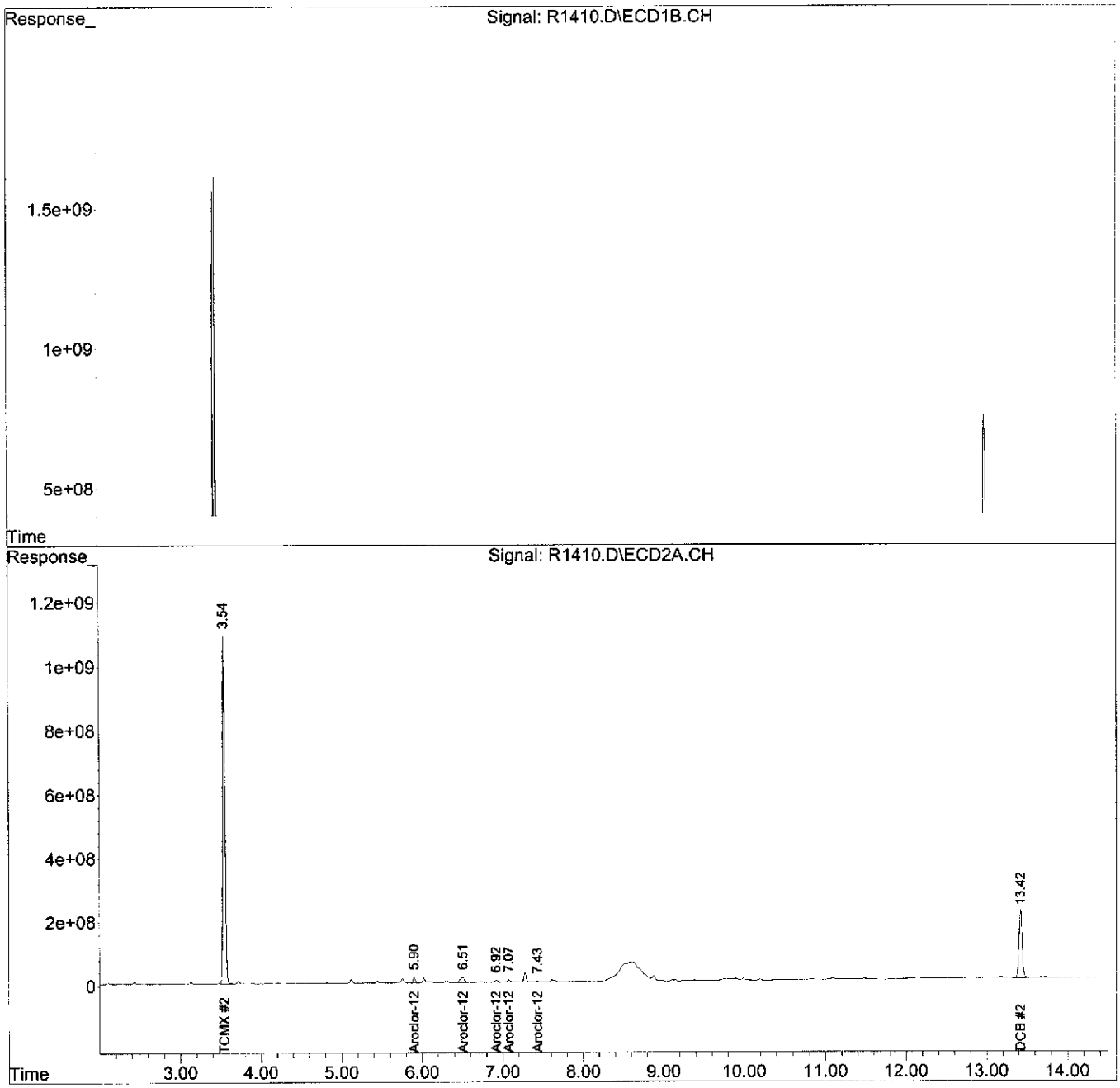
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

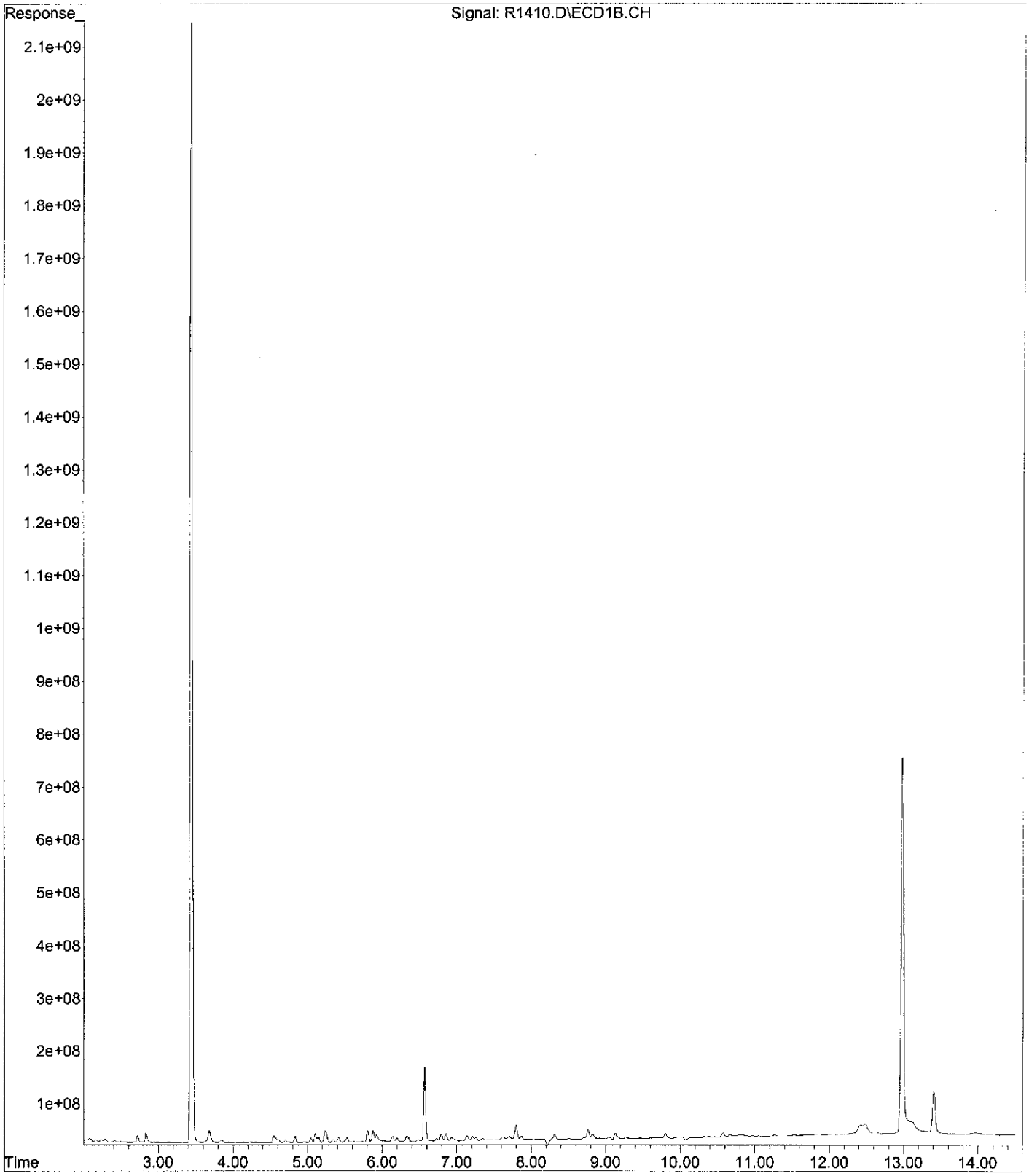
Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1410.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 17:45
Operator : YG
Sample : II-30 (4.0,06583-060,S,5.82g,21.0,07/05/12,4
Misc : 120705-05,07/02/12,07/02/12,1
ALS Vial : 70 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 11:48:53 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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\07-09-12\R1410.D
Operator : YG
Acquired : 10 Jul 2012 17:45 using AcqMethod RPCB0709.M
Instrument : GC_R
Sample Name: II-30_(4.0,06583-060,S,5.82g,21.0,07/05/12,4
Misc Info : 120705-05,07/02/12,07/02/12,1
Vial Number: 70



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : Y6448.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 5:48
Operator : YG
Sample : FB-4,06583-061,A,1000ml,100,07/06/12,1
Misc : 120706-02,07/02/12,07/02/12,1
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 10 13:09:54 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Wed Jun 27 09:56:22 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	13639.5E6	4994.2E6	129.682	144.067
Spiked Amount 200.000			Recovery	=	64.84%	72.03%
2) S DCB	12.11	12.53	3304.9E6	1352.4E6	140.017	151.169m
Spiked Amount 200.000			Recovery	=	70.01%	75.58%
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
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

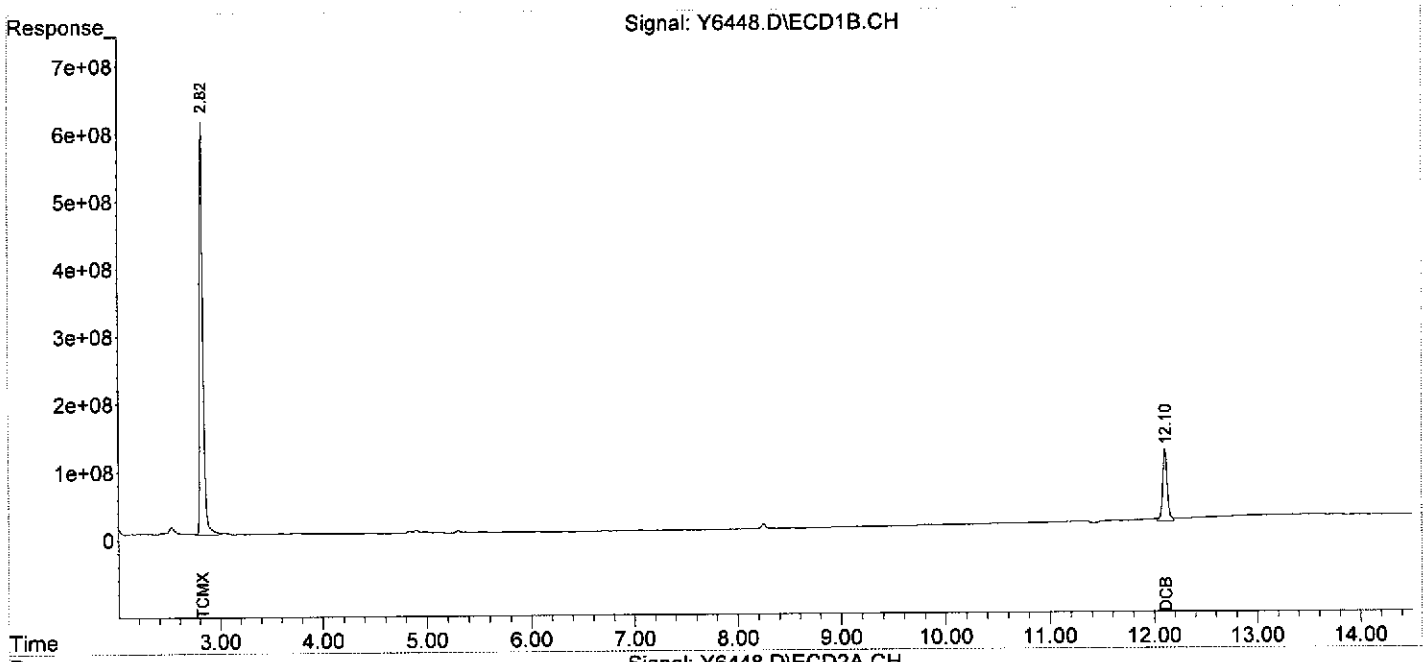
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

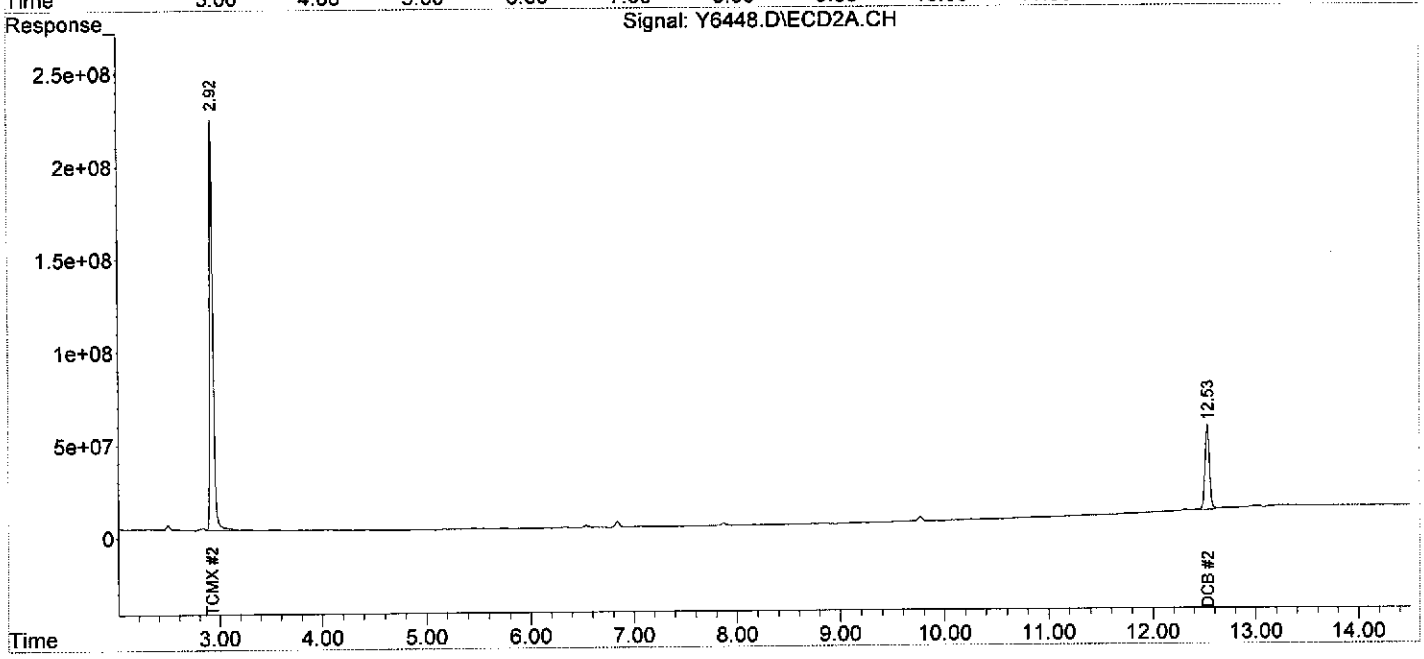
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : Y6448.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 5:48
Operator : YG
Sample : FB-4,06583-061,A,1000ml,100,07/06/12,1
Misc : 120706-02,07/02/12,07/02/12,1
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 10 13:09:54 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Wed Jun 27 09:56:22 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: BLKS120705-03
Client ID: PCB
Date Received: NA
Date Extracted: 07/05/2012
Date Analyzed: 07/09/2012
Data file: R1338.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\07-09-12\
Data File : R1338.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Jul 2012 19:15
Operator : YG
Sample : PCB,BLKS120705-03,S,5.00g,0,07/05/12,4
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 12 13:23:26 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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	3.44	3.55	35005.3E6	17763.8E6	219.210	198.242
Spiked Amount 200.000			Recovery	=	109.60%	99.12%
2) S DCB	12.98	13.43	9746.6E6	3694.8E6	167.130	150.451
Spiked Amount 200.000			Recovery	=	83.56%	75.23%
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

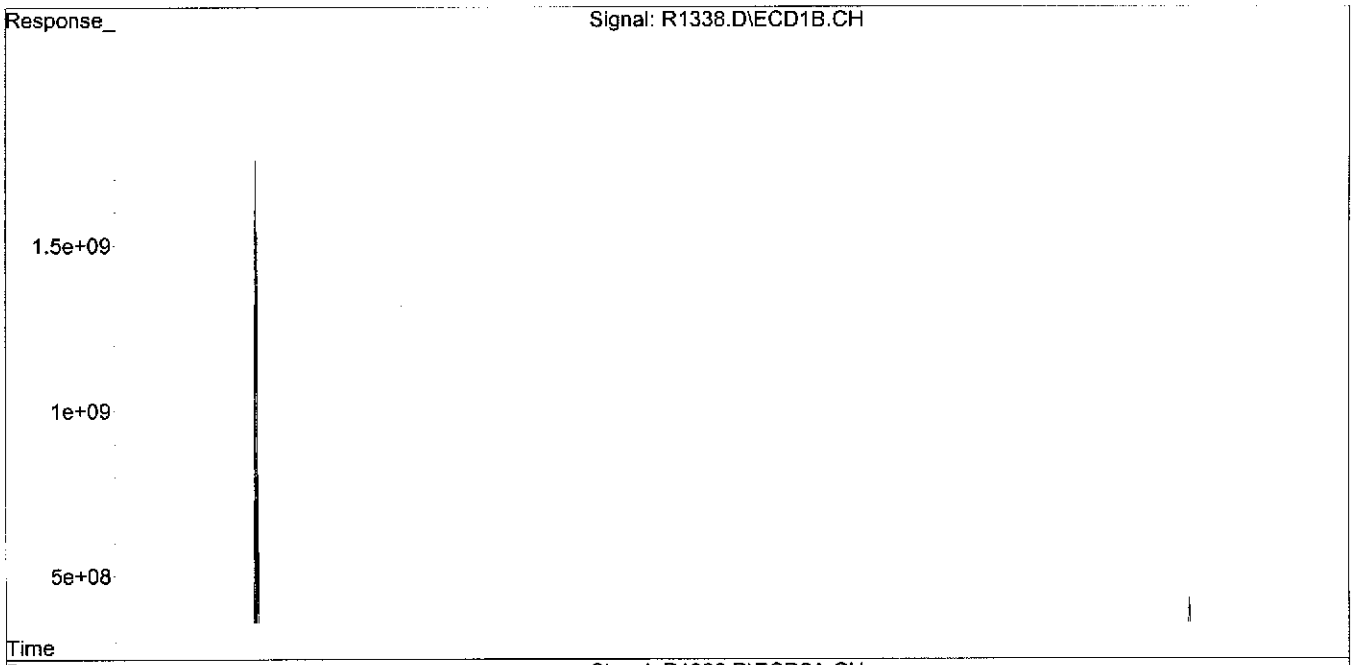
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

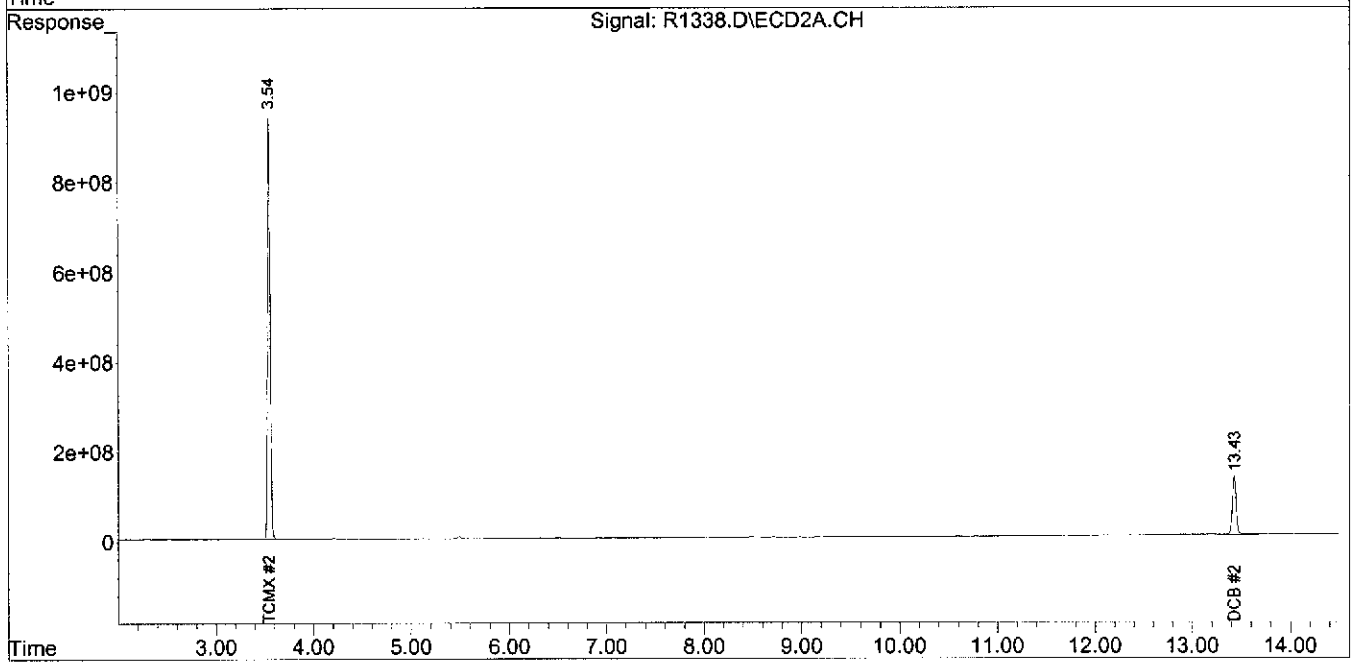
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1338.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Jul 2012 19:15
Operator : YG
Sample : PCB,BLKS120705-03,S,5.00g,0,07/05/12,4
Misc : NA,NA,NA,1
ALS Vial : 2 Sample Multiplier: 1

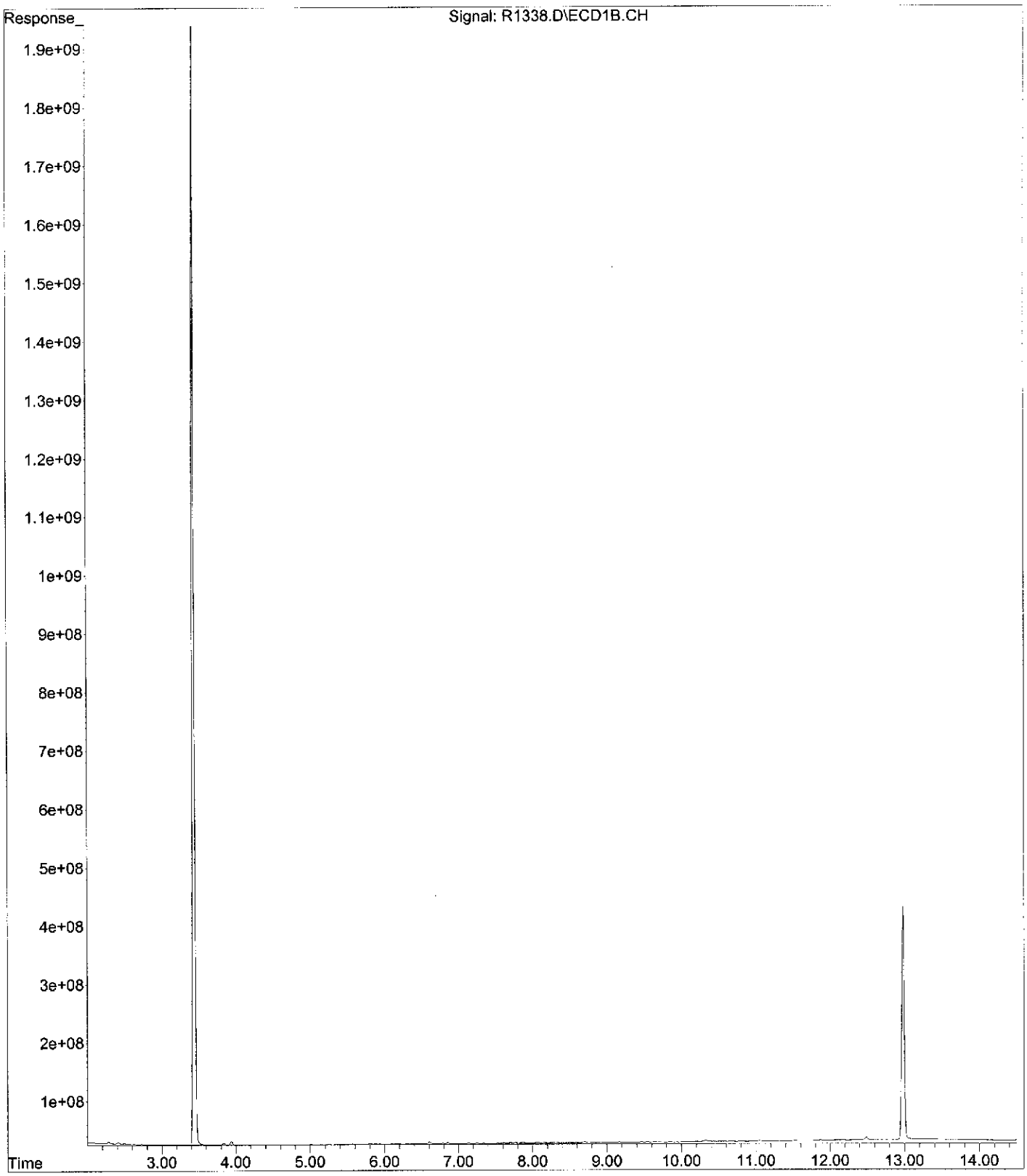
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 13:23:26 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





File :C:\MSDChem\1\DATA\07-09-12\R1338.D
Operator : YG
Acquired : 09 Jul 2012 19:15 using AcqMethod RPCB0709.M
Instrument : GC_R
Sample Name: PCB,BLKS120705-03,S,5.00g,0,07/05/12,4
Misc Info : NA,NA,NA,1
Vial Number: 2



INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKS120705-04
Client ID: PCB
Date Received: NA
Date Extracted: 07/05/2012
Date Analyzed: 07/10/2012
Data file: R1364.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\07-09-12\
Data File : R1364.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 3:37
Operator : YG
Sample : PCB,BLKS120705-04,S,5.00g,0,07/05/12,4
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 12 10:39:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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	3.44	3.54	34786.4E6	17524.3E6	217.840	195.569
Spiked Amount 200.000			Recovery	=	108.92%	97.78%
2) S DCB	12.98	13.42	12090.0E6	4339.0E6	207.313	176.682
Spiked Amount 200.000			Recovery	=	103.66%	88.34%
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

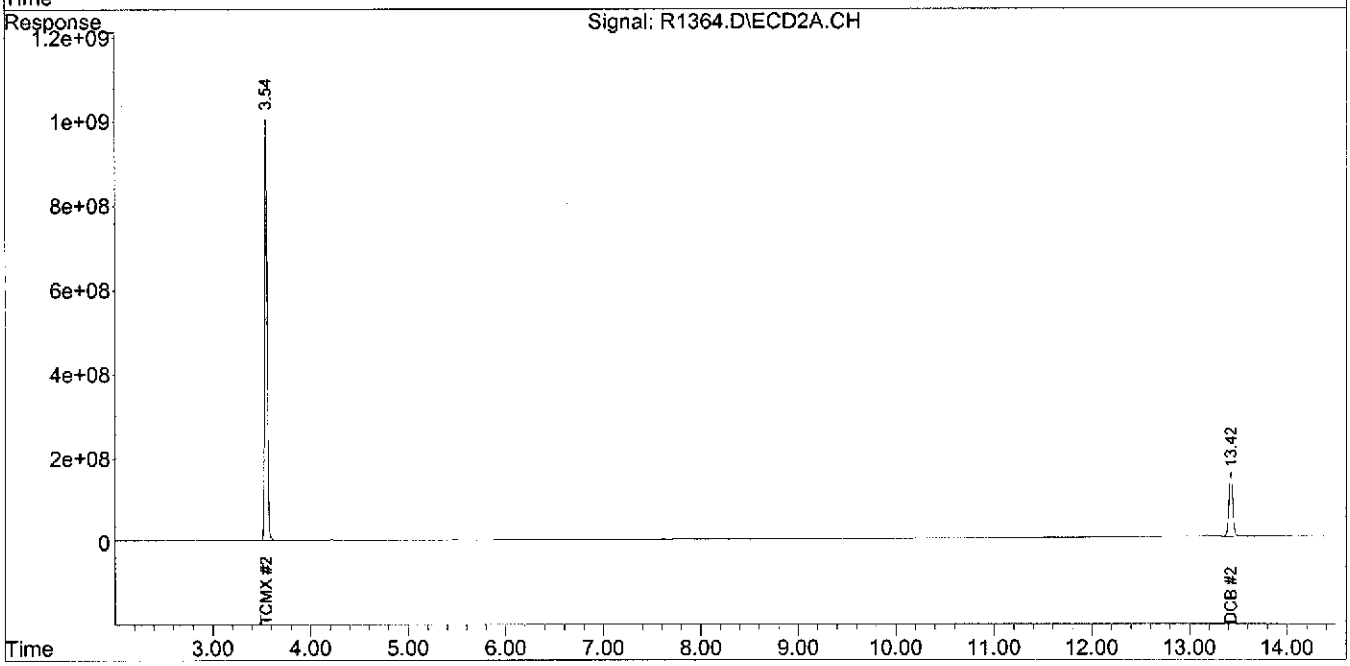
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

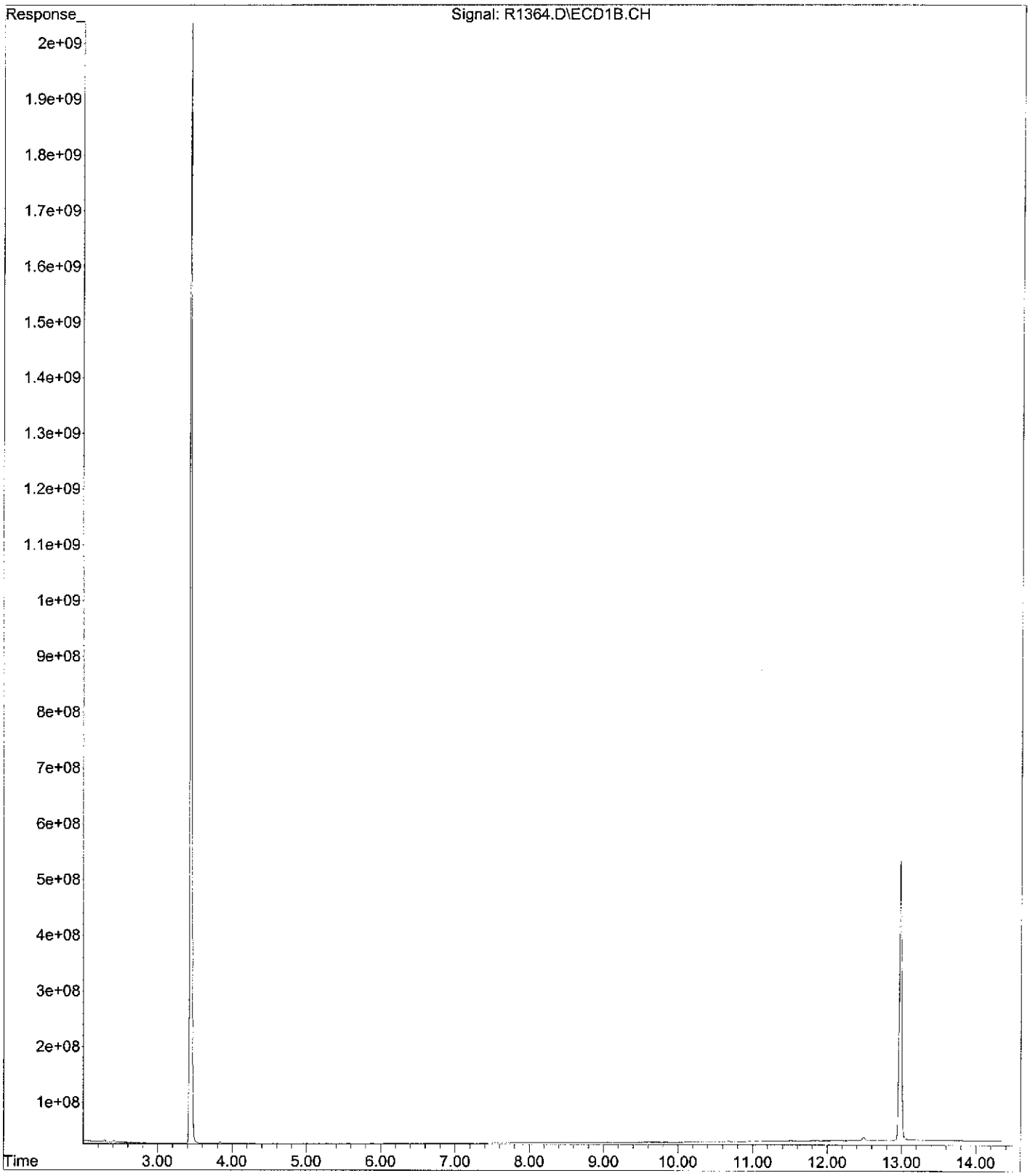
Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1364.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 3:37
Operator : YG
Sample : PCB,BLKS120705-04,S,5.00g,0,07/05/12,4
Misc : NA,NA,NA,1
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 12 10:39:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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\07-09-12\R1364.D
Operator : YG
Acquired : 10 Jul 2012 3:37 using AcqMethod RPCB0709.M
Instrument : GC_R
Sample Name: PCB,BLKS120705-04,S,5.00g,0,07/05/12,4
Misc Info : NA,NA,NA,1
Vial Number: 26



INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKS120705-05
Client ID: PCB
Date Received: NA
Date Extracted: 07/05/2012
Date Analyzed: 07/10/2012
Data file: R1390.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\07-09-12\
Data File : R1390.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 11:57
Operator : YG
Sample : PCB,BLKS120705-05,S,5.00g,0,07/05/12,4
Misc : NA,NA,NA,1
ALS Vial : 50 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 11:30:46 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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	3.44	3.54	41785.4E6	20611.7E6	261.669	230.024
Spiked Amount 200.000			Recovery	=	130.83%	115.01%
2) S DCB	12.98	13.42	15339.8E6	5606.3E6	263.039m	228.287m
Spiked Amount 200.000			Recovery	=	131.52%	114.14%
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
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

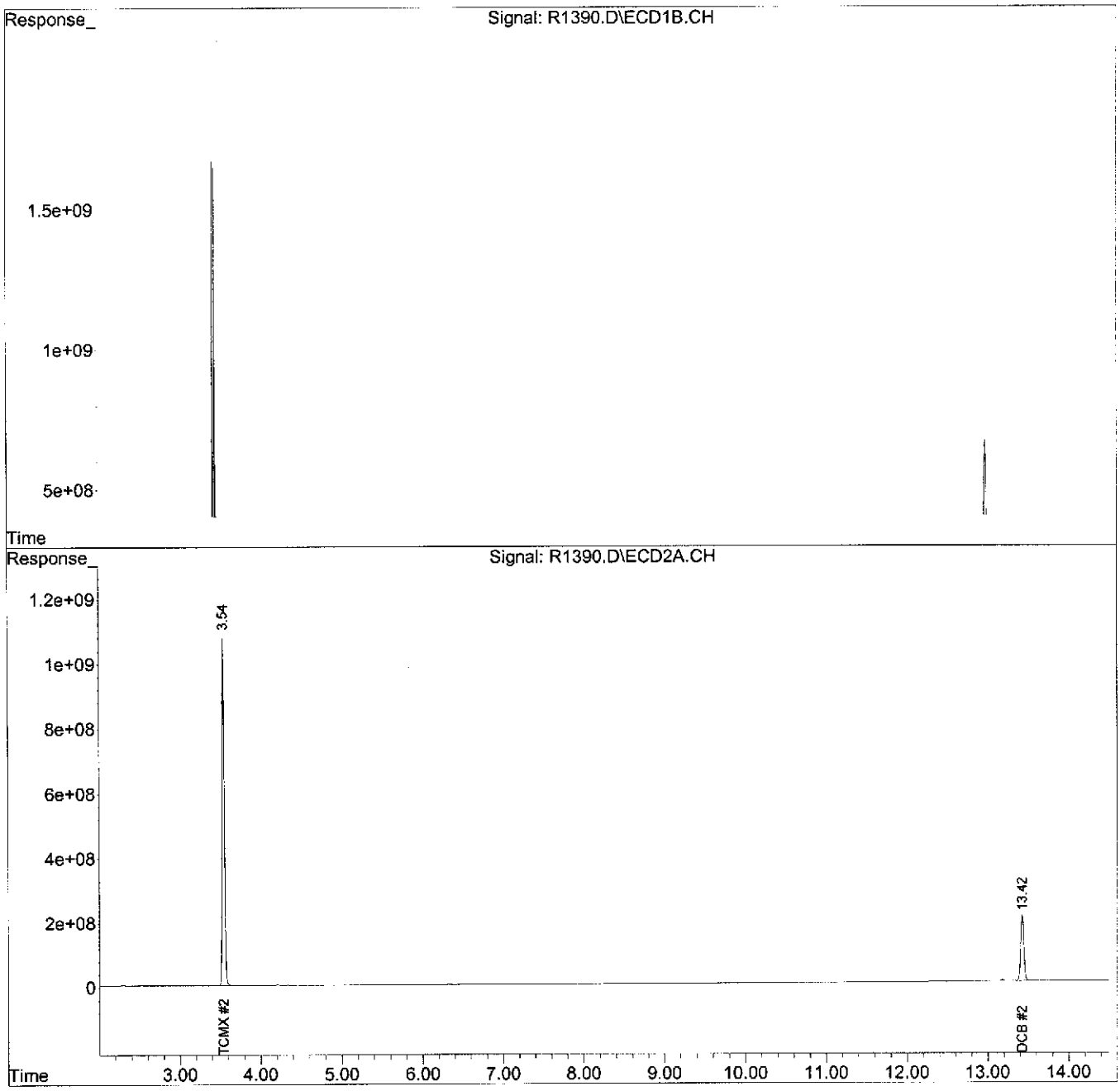
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

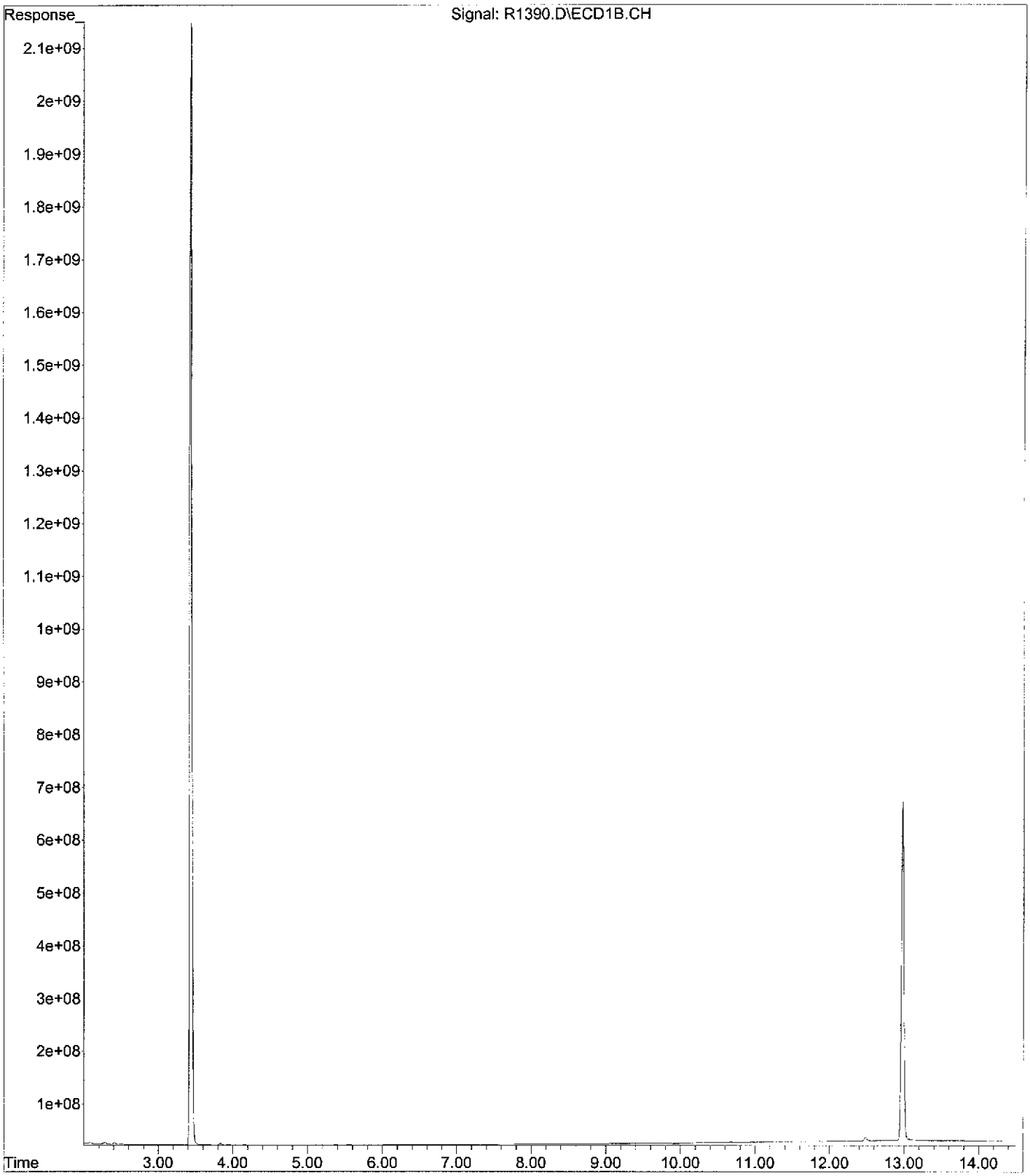
Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : R1390.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 11:57
Operator : YG
Sample : PCB,BLKS120705-05,S,5.00g,0,07/05/12,4
Misc : NA,NA,NA,1
ALS Vial : 50 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 13 11:30:46 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0709.M
Quant Title :
QLast Update : Mon Jul 09 17:23:20 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\07-09-12\R1390.D
Operator : YG
Acquired : 10 Jul 2012 11:57 using AcqMethod RPCB0709.M
Instrument : GC_R
Sample Name: PCB,BLKS120705-05,S,5.00g,0,07/05/12,4
Misc Info : NA,NA,NA,1
Vial Number: 50



INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKA120706-02
Client ID: PCB
Date Received: NA
Date Extracted: 07/06/2012
Date Analyzed: 07/10/2012
Data file: Y6437.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\07-09-12\
Data File : Y6437.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 2:39
Operator : YG
Sample : PCB,BLKA120706-02,A,1000ml,100,07/06/12,1
Misc : NA,NA,NA,1
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 10 13:01:50 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Wed Jun 27 09:56:22 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	21021.6E6	7687.4E6	199.870	221.759
Spiked Amount 200.000			Recovery	=	99.94%	110.88%
2) S DCB	12.10	12.53	3064.5E6	1501.6E6	129.833m	167.843m#
Spiked Amount 200.000			Recovery	=	64.92%	83.92%
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

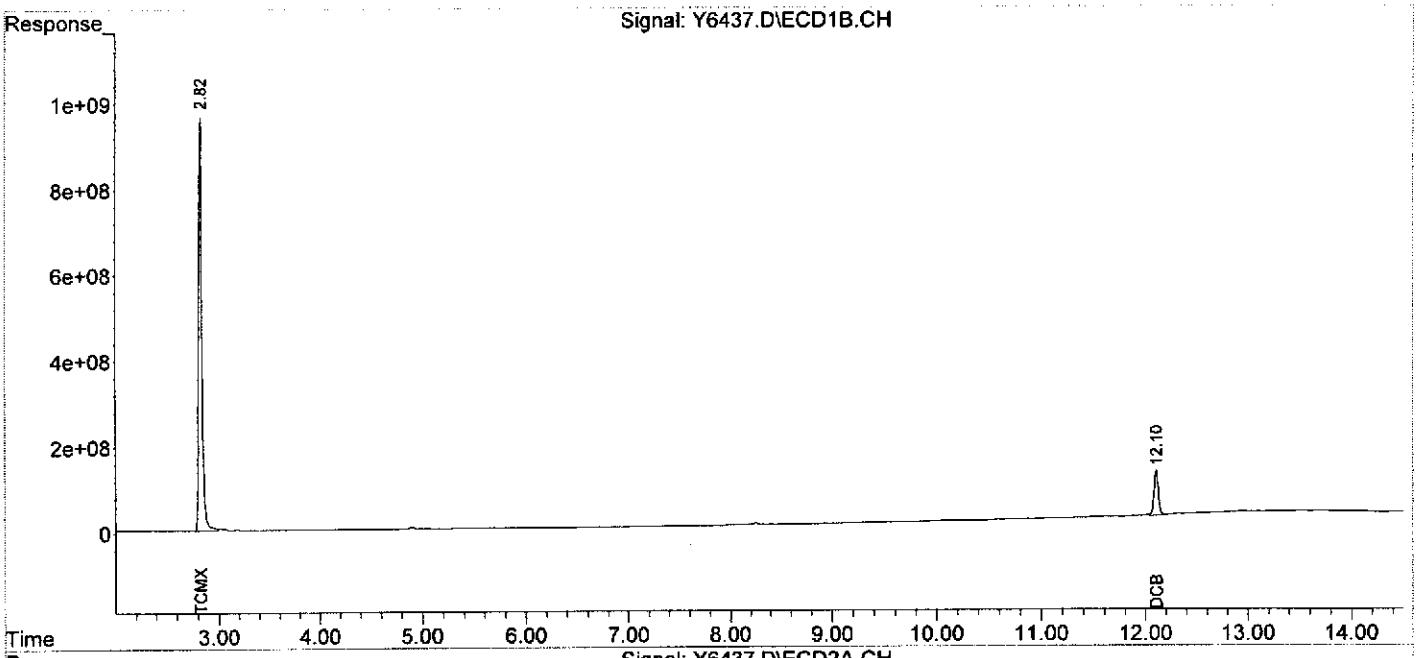
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

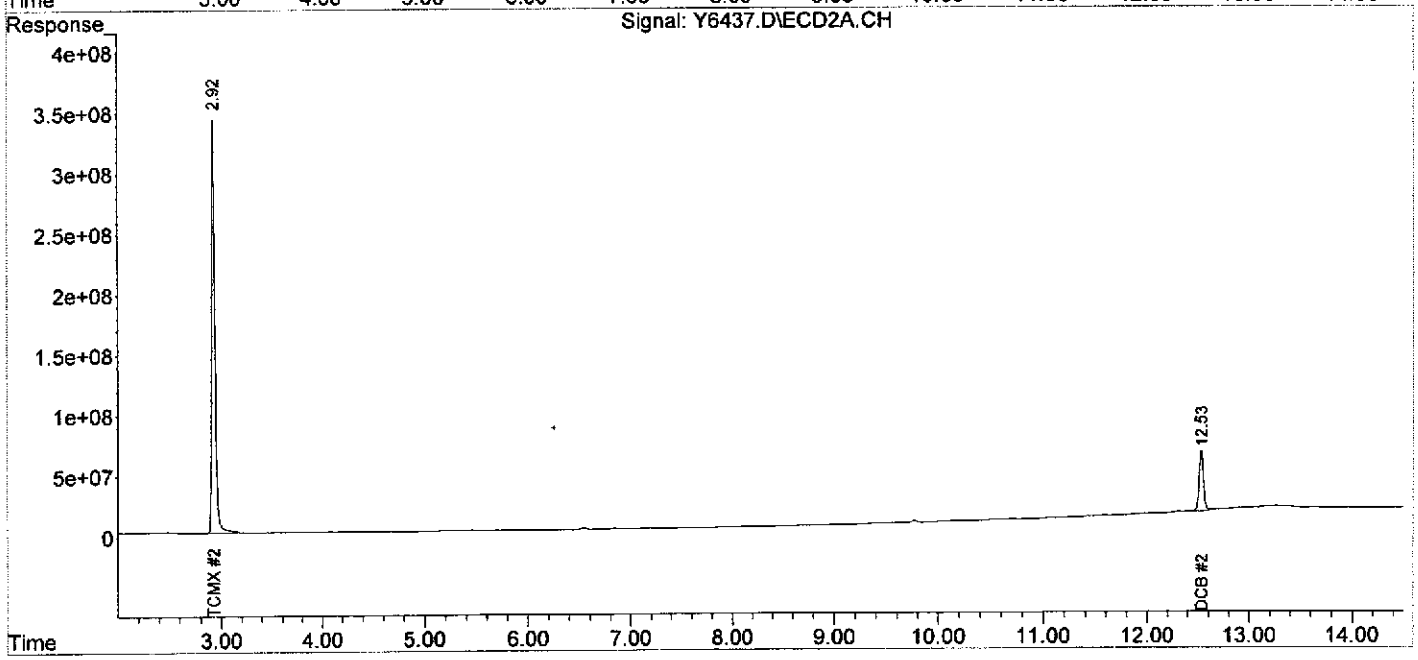
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-09-12\
Data File : Y6437.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Jul 2012 2:39
Operator : YG
Sample : PCB,BLKA120706-02,A,1000ml,100,07/06/12,1
Misc : NA,NA,NA,1
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 10 13:01:50 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Wed Jun 27 09:56:22 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 :





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: Avon 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 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
GG-34 (0-2.0)		7/2/12	9:17	S	1	1	X						
GG-34 (2.0-4.0)			9:18	S	1	2	X						
GG-34 (4.0-6.0)			9:19	S	1	3	X						
HH-34 (0-2.0)			9:37	S	1	4	X						
HH-34 (2.0-4.0)			9:38	S	1	5	X						
HH-34 (4.0-6.0)			9:39	S	1	6	X						
II-33 (0-2.0)			9:45	S	1	7	X						
II-33 (2.0-4.0)			9:46	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:	[signature]	7/2/12	307	Received by:	[signature]	7/2/12	315 07
Relinquished by:	[signature]	7/2/12	1631	Received by:	[signature]	7/2/12	1631
Relinquished by:				Received by:			
Relinquished by:				Received by:			
Relinquished by:				Received by:			

Comments:

Lab Case # 06583

PAGE: 1 of 8

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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__ °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
II-33 (4.0-6.0)		7/2/12	9:47	S	1	9	X						
HH-33 (0-2.0)			10:00	S	1	10	X						
HH-33 (2.0-4.0)			10:01	S	1	11	X						
HH-33 (4.0-6.0)			10:02	S	1	12	X						
GG-33 (0-2.0)			10:12	S	1	13	X						
GG-33 (2.0-4.0)			10:13	S	1	14	X						
GG-33 (4.0-6.0)			10:14	S	1	15	X						
GG-32 (0-2.0)			10:26	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 _____ FedEx/UPS

	Signature/Company	Date	Time		Signature/Company	Date	Time
Relinquished by:	[signature]	7/2/12	3:07	Received by:	[signature]	7/2/12	15:07
Relinquished by:	[signature]	7/2/12	16:31	Received by:	[signature]	7/2/12	16:31
Relinquished by:				Received by:			
Relinquished by:				Received by:			
Relinquished by:				Received by:			

Comments:

Lab Case # 06583

PAGE: 2 of 8

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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: Alron 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 #: S12041205	

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
GG-32 (2.0-4.0)		7/2/12	10:27	S	1	17	x						
GG-32 (4.0-6.0)			10:28	S	1	18	x						
HH-32 (0-2.0)			10:39	S	1	19	x						
HH-32 (2.0-4.0)			10:40	S	1	20	x						
HH-32 (4.0-6.0)			10:41	S	1	21	x						
II-32 (0-2.0)			10:53	S	1	22	x						
II-32 (2.0-4.0)			10:54	S	1	23	x						
II-32 (4.0-6.0)			10:55	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:	7/2/12	3:07	Received by:	7/2/12	15:07
Relinquished by:	7/2/12	16:31	Received by:	7/2/12	1631
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

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Lab Case # 06583

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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: Aron 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 #: ~~SR041205~~	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
JJ-32 (0-2.0)		7/2/12	11:04	S	1	25	x						
JJ-32 (2.0-4.0)			11:05	S	1	26	x						
JJ-32 (4.0-6.0)			11:06	S	1	27	x						
KK-31 (0-2.0)			11:19	S	1	28	x						
KK-31 (2.0-4.0)			11:20	S	1	29	x						
KK-31 (4.0-6.0)			11:21	S	1	30	x						
JJ-31 (0-2.0)			11:38	S	1	31	x						
JJ-31 (2.0-4.0)			11:39	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:	7/2/12	3:07	Received by:	7/2/12	15:07
Relinquished by:	7/2/12	16:31	Received by:	7/2/12	1631
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 06583

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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 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
JJ-31 (40-60)		7/2/12	11:40	S	1	33	x						
II-31 (0-2.0)			11:59	S	1	34	x						
II-31 (2.0-4.0)			12:00	S	1	35	x						
II-31 (4.0-6.0)			12:01	S	1	36	x						
HH-31 (0-2.0)			12:26	S	1	37	x						
HH-31 (2.0-4.0)			12:27	S	1	38	x						
HH-31 (4.0-6.0)			12:28	S	1	39	x						
GG-31 (0-2.0)			1:19	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:	7/2/12	3:07	Received by:	7/2/12	15:07
Relinquished by:	7/2/12	1631	Received by:	7/2/12	1631
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 06583

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Integrated Analytical Labs
273 Franklin Rd
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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 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

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
GG-31 (2.0-4.0)		7/2/12	1:20	S	1	41	x						
GG-31 (4.0-6.0)			1:21	S	1	42	x						
FF-31 (0-2.0)			1:33	S	1	43	x						
FF-31 (2.0-4.0)			1:34	S	1	44	x						
FF-31 (4.0-6.0)			1:35	S	1	45	x						
EE-30 (0-2.0)			1:50	S	1	46	x						
EE-30 (2.0-4.0)			1:51	S	1	47	x						
EE-30 (4.0-6.0)			1:52	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.

Carrier (check one): _____ IAL Courier _____ Client Courier _____ FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by:	7/2/12	3:07	Received by:	7/2/12	1507
Relinquished by:	7/2/12	1631	Received by:	7/2/12	1631
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 06583

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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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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
FF-30 (0-20)		7/2/12	2:05	S	1	49	x						
FF-30 (20-40)			2:06	S	1	50	x						
FF-30 (40-60)			2:07	S	1	51	x						
GG-30 (0-20)			2:23	S	1	52	x						
GG-30 (20-40)			2:24	S	1	53	x						
GG-30 (40-60)			2:25	S	1	54	x						
HH-30 (0-20)			2:38	S	1	55	x						
HH-30 (20-40)			2:39	S	1	56	x						

Known Hazard: Yes or No Describe: Conc. Expected: Low Med High

MDL Req: GWQS (11/05) - SRS - SRS/1GW - 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:	7/2/12	3:07	Received by:	7/2/12	1507
Relinquished by:	7/2/12	1631	Received by:	7/2/12	1631
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 06583

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Contact Us: 973 361-4252
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Web: www.ialonline.com

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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 #: SR04 1205	

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: TCL PCB (8082)

BOTTLES & PRESERVATIVES: HCL, HNO3, MeOH, H2SO4, NAOH/ZNAc, Sterile

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	HCL	HNO3	MeOH	H2SO4	NAOH/ZNAc	Sterile
HH-30 (4.0-6.0)		7/2/12	2:40	S	1	57	X						
II-30 (0-2.0)		↓	2:52	S	1	58	X						
II-30 (2.0-4.0)			2:53	S	1	59	X						
II-30 (4.0-6.0)			2:54	S	1	60	X						
FB-4		↓	300	AQ	2	61	X						
							X						
							X						
							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:	7/2/12	3:07	Received by:	7/2/12	15:07
Relinquished by:	7/2/12	16:31	Received by:	7/2/12	16:31
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 06583

PAGE: 8 of 8

LAB COPIES - WHITE & YELLOW; CLIENT COPY - PINK

0320

PROJECT INFORMATION

E12-06583

Case No. E12-06583 **Project** ARSYNCO

Customer	**JMC Environmental Consultants**	**P.O. #**	22126
Contact	Jim Clabby	**Received**	7/2/2012 16:31
EMail	ahallgreen@jmcenvironmental.co tadams@jmcenvironmental.com	☑ EMail EDDs	**Verbal Due** 7/17/2012
Phone	(732) 295-2144 **Fax** 1(732) 295-2150		**Report Due** 7/24/2012

Report To	**Bill To**
2109 Bridge Avenue	Aceto Corp.
Building B	4 Tri Harbor Court
Point Pleasant, NJ 08742	Port Washington, NY 11050
Attn: Jim Clabby	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
06583-001	GG-34 (0-2.0)	0 / 2	7/2/2012@09:17	Soil	mg/Kg	1
06583-002	GG-34 (2.0-4.0)	2 / 4	7/2/2012@09:18	Soil	mg/Kg	1
06583-003	GG-34 (4.0-6.0)	4 / 6	7/2/2012@09:19	Soil	mg/Kg	1
06583-004	HH-34 (0-2.0)	0 / 2	7/2/2012@09:37	Soil	mg/Kg	1
06583-005	HH-34 (2.0-4.0)	2 / 4	7/2/2012@09:38	Soil	mg/Kg	1
06583-006	HH-34 (4.0-6.0)	4 / 6	7/2/2012@09:39	Soil	mg/Kg	1
06583-007	II-33 (0-2.0)	0 / 2	7/2/2012@09:45	Soil	mg/Kg	1
06583-008	II-33 (2.0-4.0)	2 / 4	7/2/2012@09:46	Soil	mg/Kg	1
06583-009	II-33 (4.0-6.0)	4 / 6	7/2/2012@09:47	Soil	mg/Kg	1
06583-010	HH-33 (0-2.0)	0 / 2	7/2/2012@10:00	Soil	mg/Kg	1
06583-011	HH-33 (2.0-4.0)	2 / 4	7/2/2012@10:01	Soil	mg/Kg	1
06583-012	HH-33 (4.0-6.0)	4 / 6	7/2/2012@10:02	Soil	mg/Kg	1
06583-013	GG-33 (0-2.0)	0 / 2	7/2/2012@10:12	Soil	mg/Kg	1
06583-014	GG-33 (2.0-4.0)	2 / 4	7/2/2012@10:13	Soil	mg/Kg	1
06583-015	GG-33 (4.0-6.0)	4 / 6	7/2/2012@10:14	Soil	mg/Kg	1
06583-016	GG-32 (0-2.0)	0 / 2	7/2/2012@10:26	Soil	mg/Kg	1
06583-017	GG-32 (2.0-4.0)	2 / 4	7/2/2012@10:27	Soil	mg/Kg	1
06583-018	GG-32 (4.0-6.0)	4 / 6	7/2/2012@10:28	Soil	mg/Kg	1
06583-019	HH-32 (0-2.0)	0 / 2	7/2/2012@10:39	Soil	mg/Kg	1
06583-020	HH-32 (2.0-4.0)	2 / 4	7/2/2012@10:40	Soil	mg/Kg	1
06583-021	HH-32 (4.0-6.0)	4 / 6	7/2/2012@10:41	Soil	mg/Kg	1
06583-022	II-32 (0-2.0)	0 / 2	7/2/2012@10:53	Soil	mg/Kg	1
06583-023	II-32 (2.0-4.0)	2 / 4	7/2/2012@10:54	Soil	mg/Kg	1
06583-024	II-32 (4.0-6.0)	4 / 6	7/2/2012@10:55	Soil	mg/Kg	1
06583-025	JJ-32 (0-2.0)	0 / 2	7/2/2012@11:04	Soil	mg/Kg	1
06583-026	JJ-32 (2.0-4.0)	2 / 4	7/2/2012@11:05	Soil	mg/Kg	1
06583-027	JJ-32 (4.0-6.0)	4 / 6	7/2/2012@11:06	Soil	mg/Kg	1
06583-028	KK-31 (0-2.0)	0 / 2	7/2/2012@11:19	Soil	mg/Kg	1
06583-029	KK-31 (2.0-4.0)	2 / 4	7/2/2012@11:20	Soil	mg/Kg	1

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PROJECT INFORMATION

E12-06583

Case No. E12-06583 Project ARSYNCO

Lab ID	Client Sample ID	Depth Top / Bottom	Sampling Time	Matrix	Unit	# of Containers
06583-030	KK-31 (4.0-6.0)	4 / 6	7/2/2012@11:21	Soil	mg/Kg	1
06583-031	JJ-31 (0-2.0)	0 / 2	7/2/2012@11:38	Soil	mg/Kg	1
06583-032	JJ-31 (2.0-4.0)	2 / 4	7/2/2012@11:39	Soil	mg/Kg	1
06583-033	JJ-31 (4.0-6.0)	4 / 6	7/2/2012@11:40	Soil	mg/Kg	1
06583-034	II-31 (0-2.0)	0 / 2	7/2/2012@11:59	Soil	mg/Kg	1
06583-035	II-31 (2.0-4.0)	2 / 4	7/2/2012@12:00	Soil	mg/Kg	1
06583-036	II-31 (4.0-6.0)	4 / 6	7/2/2012@12:01	Soil	mg/Kg	1
06583-037	HH-31 (0-2.0)	0 / 2	7/2/2012@12:26	Soil	mg/Kg	1
06583-038	HH-31 (2.0-4.0)	2 / 4	7/2/2012@12:27	Soil	mg/Kg	1
06583-039	HH-31 (4.0-6.0)	4 / 6	7/2/2012@12:28	Soil	mg/Kg	1
06583-040	GG-31 (0-2.0)	0 / 2	7/2/2012@13:19	Soil	mg/Kg	1
06583-041	GG-31 (2.0-4.0)	2 / 4	7/2/2012@13:20	Soil	mg/Kg	1
06583-042	GG-31 (4.0-6.0)	4 / 6	7/2/2012@13:21	Soil	mg/Kg	1
06583-043	FF-31 (0-2.0)	0 / 2	7/2/2012@13:33	Soil	mg/Kg	1
06583-044	FF-31 (2.0-4.0)	2 / 3	7/2/2012@13:34	Soil	mg/Kg	1
06583-045	FF-31 (4.0-6.0)	4 / 6	7/2/2012@13:35	Soil	mg/Kg	1
06583-046	EE-30 (0-2.0)	0 / 2	7/2/2012@13:50	Soil	mg/Kg	1
06583-047	EE-30 (2.0-4.0)	2 / 4	7/2/2012@13:51	Soil	mg/Kg	1
06583-048	EE-30 (4.0-6.0)	4 / 6	7/2/2012@13:52	Soil	mg/Kg	1
06583-049	FF-30 (0-2.0)	0 / 2	7/2/2012@14:05	Soil	mg/Kg	1
06583-050	FF-30 (2.0-4.0)	2 / 4	7/2/2012@14:06	Soil	mg/Kg	1
06583-051	FF-30 (4.0-6.0)	4 / 6	7/2/2012@14:07	Soil	mg/Kg	1
06583-052	GG-30 (0-2.0)	0 / 2	7/2/2012@14:23	Soil	mg/Kg	1
06583-053	GG-30 (2.0-4.0)	2 / 4	7/2/2012@14:24	Soil	mg/Kg	1
06583-054	GG-30 (4.0-6.0)	4 / 6	7/2/2012@14:25	Soil	mg/Kg	1
06583-055	HH-30 (0-2.0)	0 / 2	7/2/2012@14:38	Soil	mg/Kg	1
06583-056	HH-30 (2.0-4.0)	2 / 4	7/2/2012@14:39	Soil	mg/Kg	1
06583-057	HH-30 (4.0-6.0)	4 / 6	7/2/2012@14:40	Soil	mg/Kg	1
06583-058	II-30 (0-2.0)	0 / 2	7/2/2012@14:52	Soil	mg/Kg	1
06583-059	II-30 (2.0-4.0)	2 / 4	7/2/2012@14:53	Soil	mg/Kg	1
06583-060	II-30 (4.0-6.0)	4 / 6	7/2/2012@14:54	Soil	mg/Kg	1
06583-061	FB-4	n/a	7/2/2012@15:00	Aqueous	mg/L	2

Sample #	Tests	Status	QA Method
001	TCL PCB	In Process	8082
002	TCL PCB	In Process	8082
003	TCL PCB	In Process	8082
004	TCL PCB	In Process	8082
005	TCL PCB	In Process	8082
006	TCL PCB	In Process	8082
007	TCL PCB	In Process	8082
008	TCL PCB	In Process	8082
009	TCL PCB	In Process	8082
010	TCL PCB	In Process	8082
011	TCL PCB	In Process	8082

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PROJECT INFORMATION

E12-06583

Case No. E12-06583 **Project** ARSYNCO

Sample #	Tests	Status	QA Method
012	TCL PCB	In Process	8082
013	TCL PCB	In Process	8082
014	TCL PCB	In Process	8082
015	TCL PCB	In Process	8082
016	TCL PCB	In Process	8082
017	TCL PCB	In Process	8082
018	TCL PCB	In Process	8082
019	TCL PCB	In Process	8082
020	TCL PCB	In Process	8082
021	TCL PCB	In Process	8082
022	TCL PCB	In Process	8082
023	TCL PCB	In Process	8082
024	TCL PCB	In Process	8082
025	TCL PCB	In Process	8082
026	TCL PCB	In Process	8082
027	TCL PCB	In Process	8082
028	TCL PCB	In Process	8082
029	TCL PCB	In Process	8082
030	TCL PCB	In Process	8082
031	TCL PCB	In Process	8082
032	TCL PCB	In Process	8082
033	TCL PCB	In Process	8082
034	TCL PCB	In Process	8082
035	TCL PCB	In Process	8082
036	TCL PCB	In Process	8082
037	TCL PCB	In Process	8082
038	TCL PCB	In Process	8082
039	TCL PCB	In Process	8082
040	TCL PCB	In Process	8082
041	TCL PCB	In Process	8082
042	TCL PCB	In Process	8082
043	TCL PCB	In Process	8082
044	TCL PCB	In Process	8082
045	TCL PCB	In Process	8082
046	TCL PCB	In Process	8082
047	TCL PCB	In Process	8082
048	TCL PCB	In Process	8082
049	TCL PCB	In Process	8082
050	TCL PCB	In Process	8082
051	TCL PCB	In Process	8082
052	TCL PCB	In Process	8082
053	TCL PCB	In Process	8082
054	TCL PCB	In Process	8082
055	TCL PCB	In Process	8082
056	TCL PCB	In Process	8082
057	TCL PCB	In Process	8082
058	TCL PCB	In Process	8082
059	TCL PCB	In Process	8082
060	TCL PCB	In Process	8082

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PROJECT INFORMATION

E12-06583

Case No. E12-06583 **Project** ARSYNCO

Sample #	Tests	Status	QA Method
061	TCL PCB	Run	8082

07/03/2012 10:45 by Ellen - NOTE 2

AS PER COC, SOME SAMPLES MAY CONTAIN HIGH LEVELS OF CONTAMINANTS OTHER THAN PCBs.

FOR PCBs PLEASE MEET NJSRS RL.

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INTEGRATED ANALYTICAL LABORATORIES, LLC

SAMPLE RECEIPT VERIFICATION

CASE NO: **E 12** **06583** 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 7/2/12

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 7/2/12

REV 03/2009

Laboratory Custody Chronicle

IAL Case No.
E12-06583

Client JMC Environmental Consultants

Project ARSYNCO

Received On 7/ 2/2012@16:31

Department: GC

			Prep. Date	Analyst	Analysis Date	Analyst
TCL PCB	06583-001	Soil	7/ 5/12	Archimede	7/ 9/12	Julia
"	-002	"	7/ 5/12	Archimede	7/10/12	Julia
"	-003	"	7/ 5/12	Archimede	7/ 9/12	Julia
"	-004	"	7/ 5/12	Archimede	7/ 9/12	Julia
"	-005	"	7/ 5/12	Archimede	7/ 9/12	Julia
"	-006	"	7/ 5/12	Archimede	7/ 9/12	Julia
"	-007	"	7/ 5/12	Archimede	7/ 9/12	Julia
"	-008	"	7/ 5/12	Archimede	7/10/12	Julia
"	-009	"	7/ 5/12	Archimede	7/ 9/12	Julia
"	-010	"	7/ 5/12	Archimede	7/11/12	Julia
"	-011	"	7/ 5/12	Archimede	7/11/12	Julia
"	-012	"	7/ 5/12	Archimede	7/ 9/12	Julia
"	-013	"	7/ 5/12	Archimede	7/ 9/12	Julia
"	-014	"	7/ 5/12	Archimede	7/10/12	Julia
"	-015	"	7/ 5/12	Archimede	7/ 9/12	Julia
"	-016	"	7/ 5/12	Archimede	7/ 9/12	Julia
"	-017	"	7/ 5/12	Archimede	7/10/12	Julia
"	-018	"	7/ 5/12	Archimede	7/10/12	Julia
"	-019	"	7/ 5/12	Archimede	7/10/12	Julia
"	-020	"	7/ 5/12	Archimede	7/10/12	Julia
"	-021	"	7/ 5/12	Archimede	7/10/12	Julia
"	-022	"	7/ 5/12	Archimede	7/10/12	Julia
"	-023	"	7/ 5/12	Archimede	7/10/12	Julia
"	-024	"	7/ 5/12	Archimede	7/10/12	Julia
"	-025	"	7/ 5/12	Archimede	7/10/12	Julia
"	-026	"	7/ 5/12	Archimede	7/11/12	Julia
"	-027	"	7/ 5/12	Archimede	7/10/12	Julia
"	-028	"	7/ 5/12	Archimede	7/10/12	Julia
"	-029	"	7/ 5/12	Archimede	7/10/12	Julia
"	-030	"	7/ 5/12	Archimede	7/10/12	Julia
"	-031	"	7/ 5/12	Archimede	7/10/12	Julia
"	-032	"	7/ 5/12	Archimede	7/10/12	Julia
"	-033	"	7/ 5/12	Archimede	7/10/12	Julia
"	-034	"	7/ 5/12	Archimede	7/10/12	Julia
"	-035	"	7/ 5/12	Archimede	7/10/12	Julia
"	-036	"	7/ 5/12	Archimede	7/10/12	Julia
"	-037	"	7/ 5/12	Archimede	7/10/12	Julia
"	-038	"	7/ 5/12	Archimede	7/11/12	Julia
"	-039	"	7/ 5/12	Archimede	7/10/12	Julia
"	-040	"	7/ 5/12	Archimede	7/10/12	Julia
"	-041	"	7/ 5/12	Archimede	7/10/12	Julia
"	-042	"	7/ 5/12	Archimede	7/10/12	Julia
"	-043	"	7/ 5/12	Archimede	7/10/12	Julia
"	-044	"	7/ 5/12	Archimede	7/11/12	Julia
"	-045	"	7/ 5/12	Archimede	7/12/12	Julia
"	-046	"	7/ 5/12	Archimede	7/12/12	Julia

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Laboratory Custody Chronicle

IAL Case No.

E12-06583

Client JMC Environmental Consultants

Project ARSYNCO

Received On 7/ 2/2012@16:31

"	-047	"	7/ 5/12	Archimede	7/12/12	Julia
"	-048	"	7/ 5/12	Archimede	7/10/12	Julia
"	-049	"	7/ 5/12	Archimede	7/10/12	Julia
"	-050	"	7/ 5/12	Archimede	7/12/12	Julia
"	-051	"	7/ 5/12	Archimede	7/10/12	Julia
"	-052	"	7/ 5/12	Archimede	7/10/12	Julia
"	-053	"	7/ 5/12	Archimede	7/13/12	Julia
"	-054	"	7/ 5/12	Archimede	7/10/12	Julia
"	-055	"	7/ 5/12	Archimede	7/10/12	Julia
"	-056	"	7/ 5/12	Archimede	7/12/12	Julia
"	-057	"	7/ 5/12	Archimede	7/12/12	Julia
"	-058	"	7/ 5/12	Archimede	7/10/12	Julia
"	-059	"	7/ 5/12	Archimede	7/12/12	Julia
"	-060	"	7/ 5/12	Archimede	7/10/12	Julia
"	-061	Aqueous	7/ 6/12	Archimede	7/10/12	Julia

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