284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

DATA PACKAGE

GC SEMI-VOLATILES

PROJECT NAME : NJ WASTE WATER PT

CHEMTECH CONSULTING GROUP

284 Sheffield St,

Mountainside, NJ - 07092

Phone No: 908-789-8900

ORDER ID : P3845

ATTENTION : QA Officer

Laboratory Certification ID # 20012

Alliance TECHNICAL GROUP

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Cover Page

Order ID : P3845

Project ID : NJ Waste Water PT

Client : Chemtech Consulting Group

Lab Sample Number	Client Sample Number
P3845-01	PT-VOA-WP
P3845-02	PT-VOA-WP
P3845-03	PT-BN-WP
P3845-04	PT-BN-WP
P3845-05	PT-BN-WP
P3845-06	PT-ACIDS-WP
P3845-07	PT-ACIDS-WP
P3845-08	PT-ACIDS-WP
P3845-09	PT-PEST-WP
P3845-10	PT-PEST-WP
P3845-11	PT-CHLR-WP
P3845-12	PT-CHLR-WP
P3845-13	PT-TXP-WP
P3845-14	PT-TXP-WP
P3845-15	PT-PCBW-WP
P3845-16	PT-PCBW-WP
P3845-17	PT-HERB-WP
P3845-18	RR-GAS-WP
P3845-19	RR-DIES-WP
P3845-20	RR-8011-WP
P3845-21	RR-PAH-WP
P3845-22	RR-TRIAZINE-WP

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____ Date: 10/24/2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

Chemtech Consulting Group
Project Name: NJ Waste Water PT
Project # N/A
Chemtech Project # P3845
Test Name: PCB

A. Number of Samples and Date of Receipt:
22 Water samples were received on 09/05/2024.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Diesel Range Organics, Gasoline Range Organics, Herbicide group1, PCB, PESTICIDE Group1, PESTICIDE Group2, PESTICIDE Group3, SVOCMS Group1, SVOCMS Group2, SVOCMS Group3, SVOCMS Group4, SVOCMS Group5, SVOCMS Group6, VOCGC Group 1 and VOCMS Group1. This data package contains results for PCB.

C. Analytical Techniques:
The analyses were performed on instrument GCECD_Q.The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11.The analysis of PCBs was based on method 608.3,8082A and extraction was done based on method 3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Retention Times were acceptable for all samples.
The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank Spike Duplicate met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .

E. Additional Comments:

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

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908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: P3845 MATRIX: Water

METHOD: 608.3,8082A/3510

		NA	NO	YES
1.	Chromatograms Labeled/Compounds Identified.			✓
2.	Standard Summary Submitted.			✓
3.	Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis, 12 HOURS IF 8000 SERIES METHOD. The Initial Calibration met the requirements . The Continuous Calibration met the requirements .			✓
4.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
5.	Surrogate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable ranges.			✓
6.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range. The Blank Spike met requirements for all samples . The Blank Spike Duplicate met requirements for all samples . The RPD met criteria .			✓
7.	Retention Time Shift Meet Criteria (if applicable) Comments:			✓
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 those compounds and their recoveries which fall outside the acceptable range.			✓

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GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

NA NO YES

ADDITIONAL COMMENTS:

_____ _____

QA REVIEW Date

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: P3845

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: SOHIL JODHANI **Date:** 10/24/2024

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LAB CHRONICLE

OrderID:	P3845	**OrderDate:**	9/5/2024 2:19:00 PM
Client:	Chemtech Consulting Group	**Project:**	NJ Waste Water PT
Contact:	QA Officer	**Location:**	QA Office,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P3845-09	**PT-PEST-WP**	**WATER**			**09/03/24**			**09/05/24**
			PESTICIDE Group1	8081B		09/09/24	09/24/24	
P3845-09DL	**PT-PEST-WPDL**	**WATER**			**09/03/24**			**09/05/24**
			PESTICIDE Group1	8081B		09/09/24	09/24/24	
P3845-09DL2	**PT-PEST-WPDL2**	**WATER**			**09/03/24**			**09/05/24**
			PESTICIDE Group1	8081B		09/09/24	09/24/24	
P3845-11	**PT-CHLR-WP**	**WATER**			**09/03/24**			**09/05/24**
			PESTICIDE Group2	8081B		09/09/24	09/24/24	
P3845-13	**PT-TXP-WP**	**WATER**			**09/03/24**			**09/05/24**
			PESTICIDE Group3	8081B		09/09/24	09/24/24	
P3845-13DL	**PT-TXP-WPDL**	**WATER**			**09/03/24**			**09/05/24**
			PESTICIDE Group3	8081B		09/09/24	09/24/24	
P3845-15	**PT-PCBW-WP**	**WATER**			**09/03/24**			**09/05/24**
			PCB	8082A		09/09/24	09/10/24	
P3845-17	**PT-HERB-WP**	**WATER**			**09/03/24**			**09/05/24**
			Herbicide group1	8151A		09/10/24	09/13/24	
P3845-18	**RR-GAS-WP**	**Water**			**09/03/24**			**09/05/24**
			Gasoline Range Organics	8015D			09/09/24	
P3845-18RE	**RR-GAS-WP**	**Water**			**09/03/24**			**09/05/24**
			Gasoline Range Organics	8015D			09/09/24	
P3845-19	**RR-DIES-WP**	**Water**			**09/03/24**			**09/05/24**
			Diesel Range Organics	8015D		09/09/24	09/10/24	

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LAB CHRONICLE

P3845-20	**RR-8011-WP**	**WATER**			**09/03/24**			**09/05/24**
			VOCGC Group 1	8011		09/11/24	09/11/24	
P3845-20DL	**RR-8011-WPDL**	**WATER**			**09/03/24**			**09/05/24**
			VOCGC Group 1	8011		09/11/24	09/11/24	

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Hit Summary Sheet
SW-846

SDG No.: P3845 **Order ID:** P3845

Client: Chemtech Consulting Group **Project ID:** NJ Waste Water PT

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : PT-PCBW-WP								
P3845-15	PT-PCBW-WP	WATER	Aroclor-1221	5.30		0.23	0.50	ug/L
			Total Concentration:	**5.300**				

QC SUMMARY

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Surrogate Summary

SDG No.: P3845

Client: Chemtech Consulting Group

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PQ068363.D	PIBLK-PQ068363.D	Tetrachloro-m-xylene	1	20	20.3	102		60	140
		Decachlorobiphenyl	1	20	21.2	106		60	140
		Tetrachloro-m-xylene	2	20	19.8	99		60	140
		Decachlorobiphenyl	2	20	20.7	103		60	140
I.BLK-PQ068475.D	PIBLK-PQ068475.D	Tetrachloro-m-xylene	1	20	20.1	101		60	140
		Decachlorobiphenyl	1	20	18.7	93		60	140
		Tetrachloro-m-xylene	2	20	20.7	103		60	140
		Decachlorobiphenyl	2	20	20.6	103		60	140
PB163234BL	PB163234BL	Tetrachloro-m-xylene	1	20	18.8	94		10	157
		Decachlorobiphenyl	1	20	16.9	84		10	173
		Tetrachloro-m-xylene	2	20	20.4	102		10	157
		Decachlorobiphenyl	2	20	16.6	83		10	173
I.BLK-PQ068490.D	PIBLK-PQ068490.D	Tetrachloro-m-xylene	1	20	20.0	100		60	140
		Decachlorobiphenyl	1	20	18.4	92		60	140
		Tetrachloro-m-xylene	2	20	20.8	104		60	140
		Decachlorobiphenyl	2	20	20.4	102		60	140
PB163234BS	PB163234BS	Tetrachloro-m-xylene	1	20	19.5	97		10	157
		Decachlorobiphenyl	1	20	17.7	89		10	173
		Tetrachloro-m-xylene	2	20	19.2	96		10	157
		Decachlorobiphenyl	2	20	19.5	97		10	173
PB163234BSD	PB163234BSD	Tetrachloro-m-xylene	1	20	19.3	96		10	157
		Decachlorobiphenyl	1	20	18.0	90		10	173
		Tetrachloro-m-xylene	2	20	19.1	96		10	157
		Decachlorobiphenyl	2	20	19.6	98		10	173
I.BLK-PQ068499.D	PIBLK-PQ068499.D	Tetrachloro-m-xylene	1	20	20.4	102		60	140
		Decachlorobiphenyl	1	20	19.1	95		60	140
		Tetrachloro-m-xylene	2	20	21.1	106		60	140
		Decachlorobiphenyl	2	20	21.0	105		60	140
I.BLK-PQ068501.D	PIBLK-PQ068501.D	Tetrachloro-m-xylene	1	20	21.8	109		60	140
		Decachlorobiphenyl	1	20	23.1	115		60	140
		Tetrachloro-m-xylene	2	20	22.2	111		60	140
		Decachlorobiphenyl	2	20	23.4	117		60	140
I.BLK-PQ068511.D	PIBLK-PQ068511.D	Tetrachloro-m-xylene	1	20	20.7	104		60	140
		Decachlorobiphenyl	1	20	19.4	97		60	140
		Tetrachloro-m-xylene	2	20	21.4	107		60	140
		Decachlorobiphenyl	2	20	21.3	106		60	140
P3845-15	PT-PCBW-WP	Tetrachloro-m-xylene	1	20	22.7	113		10	157
		Decachlorobiphenyl	1	20	19.6	98		10	173
		Tetrachloro-m-xylene	2	20	21.2	106		10	157
		Decachlorobiphenyl	2	20	21.5	108		10	173
I.BLK-PQ068523.D	PIBLK-PQ068523.D	Tetrachloro-m-xylene	1	20	20.7	104		60	140

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Surrogate Summary

SDG No.: P3845

Client: Chemtech Consulting Group

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PQ068523.D	PIBLK-PQ068523.D	Decachlorobiphenyl	1	20	19.6	98		60	140
		Tetrachloro-m-xylene	2	20	20.9	105		60	140
		Decachlorobiphenyl	2	20	21.5	108		60	140

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P3845

Client: Chemtech Consulting Group

Analytical Method: 8082A **Datafile :** PQ068491.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB163234BS	AR1016	5	4.40	ug/L	88				61	112	
	AR1260	5	4.30	ug/L	86				66	113	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P3845

Client: Chemtech Consulting Group

Analytical Method: 8082A **Datafile :** PQ068492.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB163234BSD	AR1016	5	4.40	ug/L	88	0			61	112	20
	AR1260	5	4.40	ug/L	88	2			66	113	20

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163234BL

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: P3845 SAS No.: P3845 SDG NO.: P3845

Lab Sample ID: PB163234BL Lab File ID: PQ068485.D

Matrix: (soil/water) WATER Extraction: (Type)

Sulfur Cleanup: (Y/N) N Date Extracted: 09/09/2024

Date Analyzed (1): 09/10/2024 Date Analyzed (2): 09/10/2024

Time Analyzed (1): 06:07 Time Analyzed (2): 06:07

Instrument ID (1): ECD_Q Instrument ID (2): ECD_Q

GC Column (1): ZB-MR1 ID: 0.32 (mm) GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB163234BS	PB163234BS	PQ068491.D	09/10/2024	09/10/2024
PB163234BSD	PB163234BSD	PQ068492.D	09/10/2024	09/10/2024
PT-PCBW-WP	P3845-15	PQ068512.D	09/10/2024	09/10/2024

COMMENTS:

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	09/03/24
Project:	NJ Waste Water PT	Date Received:	09/05/24
Client Sample ID:	PT-PCBW-WP	SDG No.:	P3845
Lab Sample ID:	P3845-15	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ068512.D	1	09/09/24 09:05	09/10/24 13:56	PB163234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	5.30		0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.7		10 - 157	113%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.5		10 - 173	108%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091024\
Data File : PQ068512.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 13:56
Operator : YP\AJ
Sample : P3845-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
PT-PCBW-WP

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 07:22:25 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 10 13:06:53 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	161.9E6	151.0E6	22.678	21.201
2)	SA Decachlor...	8.610	7.599	85454805	142.0E6	19.608	21.497
	Target Compounds						
8)	L2 AR-1221-1	3.638	3.021	44790819	45976085	555.235	517.458
9)	L2 AR-1221-2	3.717	3.099	29971045	32210546	497.380	469.874
10)	L2 AR-1221-3	3.787	3.167	99310685	104.7E6	547.383	529.502

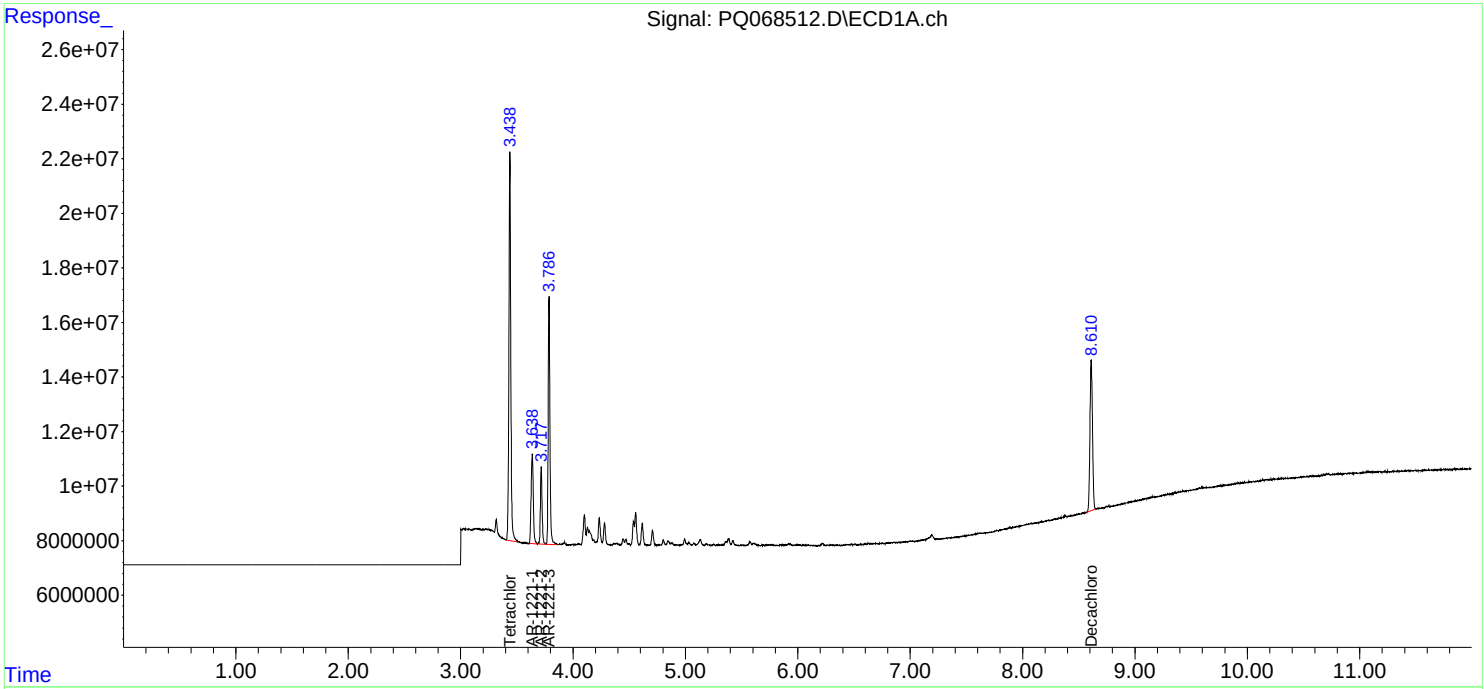
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

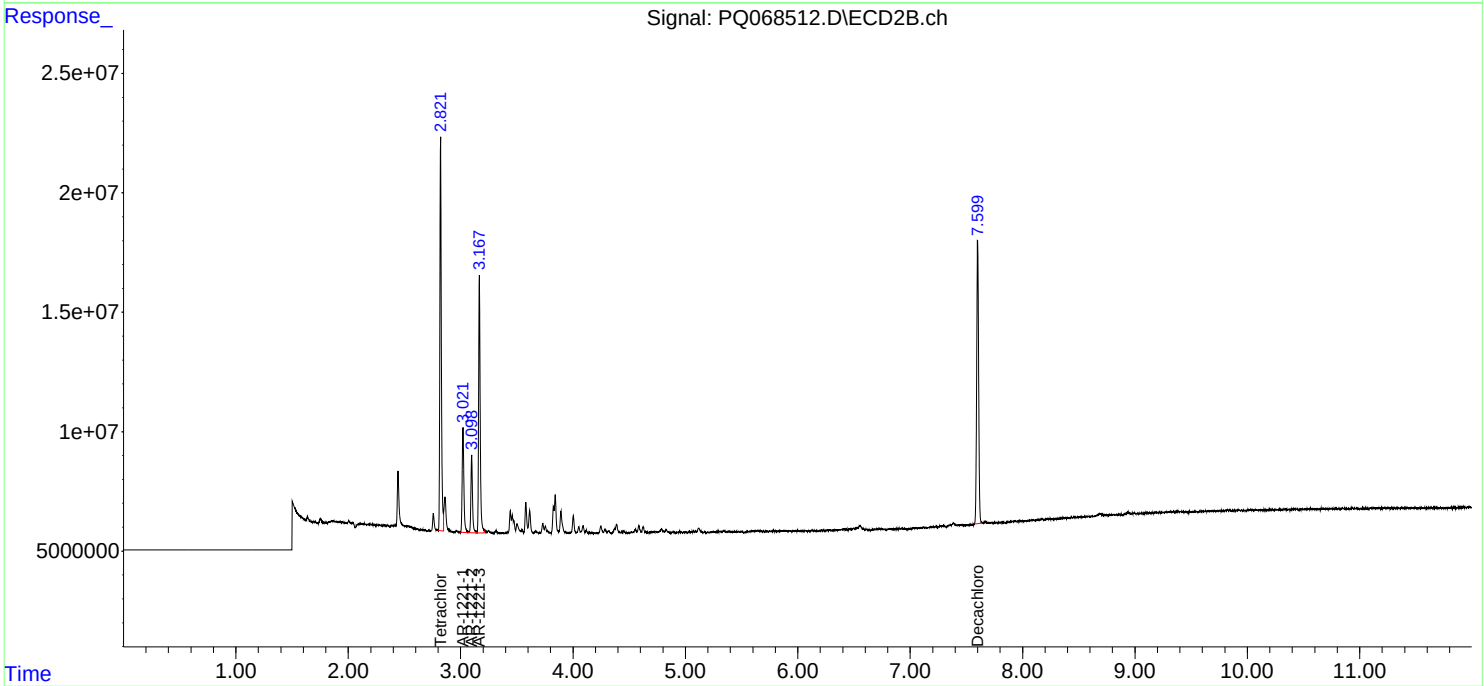
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091024\
Data File : PQ068512.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 13:56
Operator : YP\AJ
Sample : P3845-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

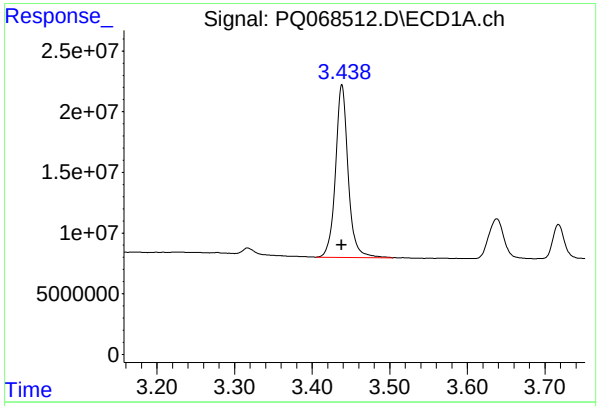
Instrument :
ECD_Q
ClientSampleId :
PT-PCBW-WP

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 07:22:25 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 10 13:06:53 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



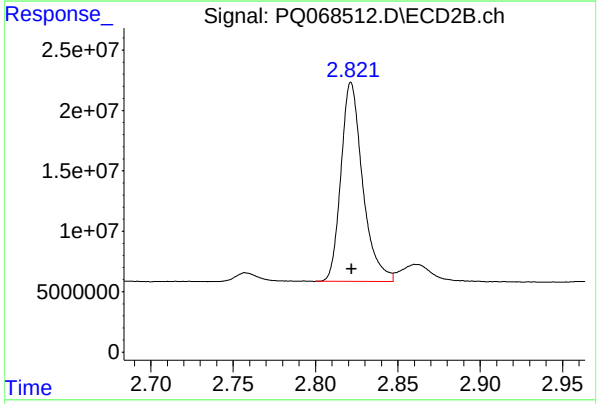




#1 Tetrachloro-m-xylene

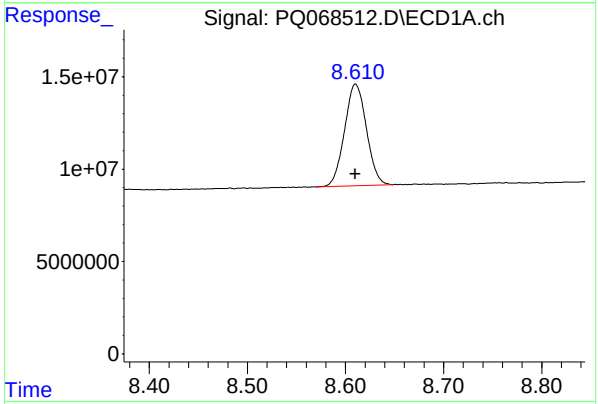
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 161935503
Conc: 22.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PT-PCBW-WP



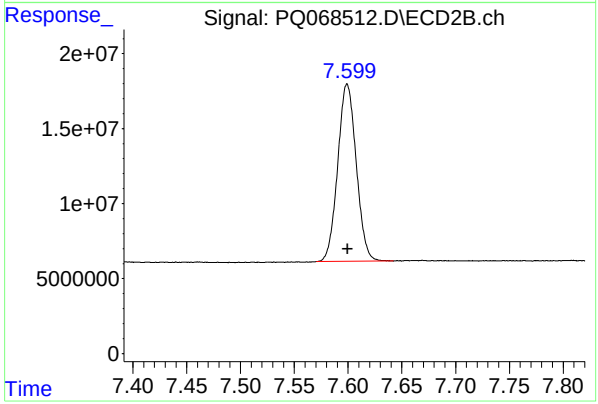
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 151001721
Conc: 21.20 ng/ml



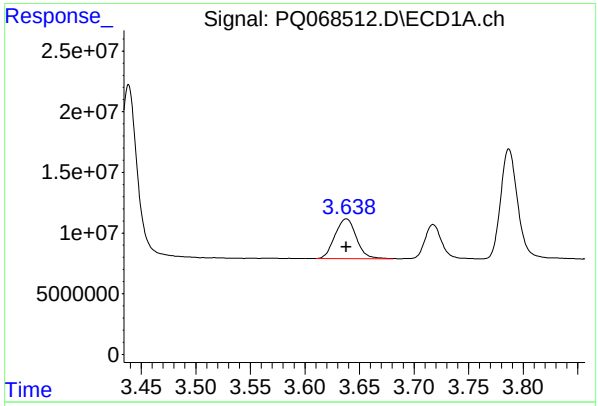
#2 Decachlorobiphenyl

R.T.: 8.610 min
Delta R.T.: 0.000 min
Response: 85454805
Conc: 19.61 ng/ml



#2 Decachlorobiphenyl

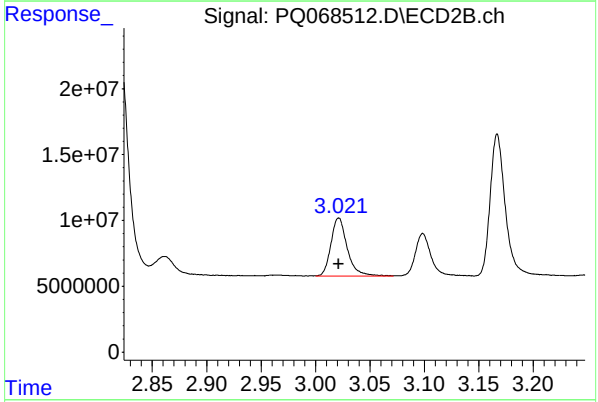
R.T.: 7.599 min
Delta R.T.: 0.000 min
Response: 141965633
Conc: 21.50 ng/ml



#8 AR-1221-1

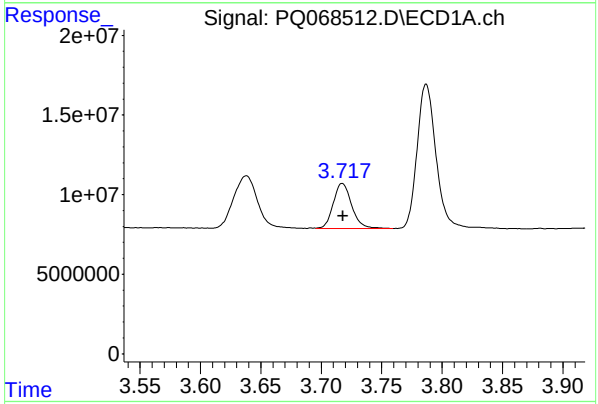
R.T.: 3.638 min
Delta R.T.: 0.000 min
Response: 44790819
Conc: 555.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PT-PCBW-WP



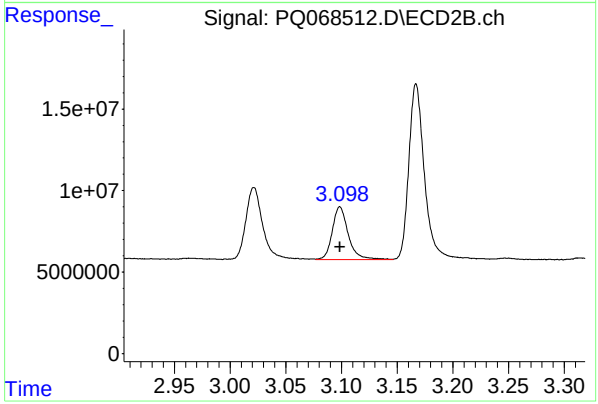
#8 AR-1221-1

R.T.: 3.021 min
Delta R.T.: 0.000 min
Response: 45976085
Conc: 517.46 ng/ml



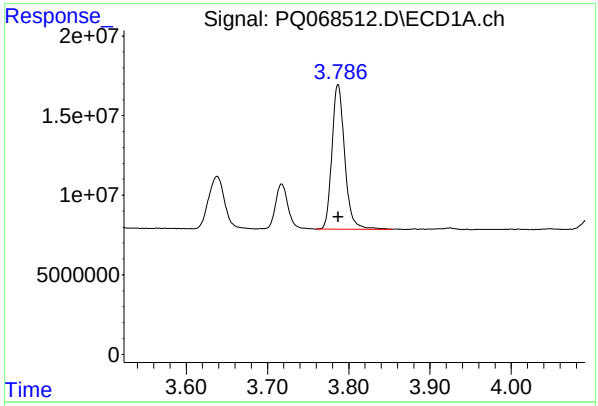
#9 AR-1221-2

R.T.: 3.717 min
Delta R.T.: 0.000 min
Response: 29971045
Conc: 497.38 ng/ml



#9 AR-1221-2

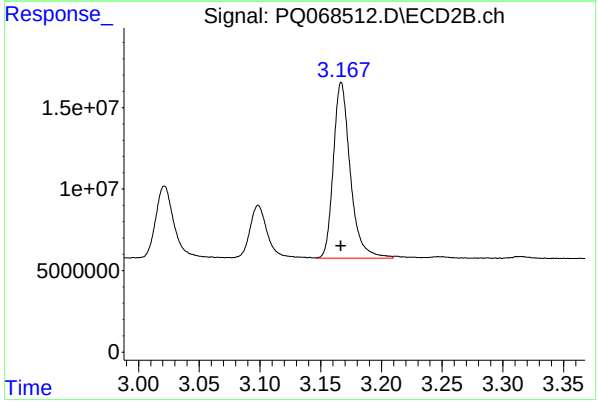
R.T.: 3.099 min
Delta R.T.: 0.000 min
Response: 32210546
Conc: 469.87 ng/ml



#10 AR-1221-3

R.T.: 3.787 min
Delta R.T.: 0.000 min
Response: 99310685
Conc: 547.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PT-PCBW-WP



#10 AR-1221-3

R.T.: 3.167 min
Delta R.T.: 0.000 min
Response: 104654733
Conc: 529.50 ng/ml

CALIBRATION SUMMARY

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3845 **SAS No.:** P3845 **SDG NO.:** P3845

Instrument ID: ECD_Q **Calibration Date(s):** 09/06/2024 09/06/2024

Calibration Times: 13:44 20:18

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PQ068364.D RT 750 = PQ068365.D

RT 500 = PQ068366.D RT 250 = PQ068367.D RT 050 = PQ068368.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.54	4.54	4.54	4.54	4.54	4.54	4.44	4.64
Aroclor-1016-2	(2)	4.56	4.56	4.56	4.56	4.56	4.56	4.46	4.66
Aroclor-1016-3	(3)	4.62	4.62	4.62	4.62	4.62	4.62	4.52	4.72
Aroclor-1016-4	(4)	4.71	4.71	4.71	4.71	4.71	4.71	4.61	4.81
Aroclor-1016-5	(5)	4.99	4.99	4.99	4.99	5.00	4.99	4.89	5.09
Aroclor-1260-1	(1)	6.09	6.10	6.09	6.09	6.09	6.09	5.99	6.19
Aroclor-1260-2	(2)	6.35	6.35	6.35	6.35	6.35	6.35	6.25	6.45
Aroclor-1260-3	(3)	6.71	6.71	6.71	6.71	6.71	6.71	6.61	6.81
Aroclor-1260-4	(4)	6.93	6.93	6.92	6.92	6.93	6.92	6.82	7.02
Aroclor-1260-5	(5)	7.24	7.23	7.23	7.24	7.23	7.23	7.13	7.33
Decachlorobiphenyl		8.61	8.61	8.61	8.61	8.61	8.61	8.51	8.71
Tetrachloro-m-xylene		3.44	3.44	3.44	3.44	3.44	3.44	3.34	3.54
Aroclor-1242-1	(1)	4.54	4.54	4.54	4.54	4.54	4.54	4.44	4.64
Aroclor-1242-2	(2)	4.56	4.56	4.56	4.56	4.56	4.56	4.46	4.66
Aroclor-1242-3	(3)	4.62	4.62	4.62	4.62	4.62	4.62	4.52	4.72
Aroclor-1242-4	(4)	4.71	4.71	4.71	4.71	4.71	4.71	4.61	4.81
Aroclor-1242-5	(5)	5.42	5.42	5.42	5.42	5.42	5.42	5.32	5.52
Decachlorobiphenyl		8.61	8.61	8.61	8.61	8.61	8.61	8.51	8.71
Tetrachloro-m-xylene		3.44	3.44	3.44	3.44	3.44	3.44	3.34	3.54
Aroclor-1248-1	(1)	4.54	4.54	4.54	4.54	4.54	4.54	4.44	4.64
Aroclor-1248-2	(2)	4.80	4.80	4.80	4.80	4.80	4.80	4.70	4.90
Aroclor-1248-3	(3)	4.99	4.99	4.99	4.99	4.99	4.99	4.89	5.09
Aroclor-1248-4	(4)	5.39	5.39	5.39	5.39	5.39	5.39	5.29	5.49
Aroclor-1248-5	(5)	5.42	5.42	5.42	5.42	5.42	5.42	5.32	5.52
Decachlorobiphenyl		8.61	8.61	8.61	8.61	8.61	8.61	8.51	8.71
Tetrachloro-m-xylene		3.44	3.44	3.44	3.44	3.44	3.44	3.34	3.54
Aroclor-1254-1	(1)	5.36	5.36	5.36	5.36	5.36	5.36	5.26	5.46
Aroclor-1254-2	(2)	5.58	5.58	5.58	5.58	5.58	5.58	5.48	5.68
Aroclor-1254-3	(3)	5.93	5.93	5.93	5.93	5.93	5.93	5.83	6.03
Aroclor-1254-4	(4)	6.21	6.21	6.21	6.21	6.21	6.21	6.11	6.31
Aroclor-1254-5	(5)	6.63	6.63	6.63	6.63	6.63	6.63	6.53	6.73
Decachlorobiphenyl		8.61	8.61	8.61	8.61	8.61	8.61	8.51	8.71
Tetrachloro-m-xylene		3.44	3.44	3.44	3.44	3.44	3.44	3.34	3.54
Aroclor-1268-1	(1)	7.50	7.51	7.51	7.51	7.51	7.51	7.41	7.61
Aroclor-1268-2	(2)	7.58	7.59	7.59	7.59	7.59	7.59	7.49	7.69
Aroclor-1268-3	(3)	7.76	7.76	7.77	7.77	7.76	7.76	7.66	7.86
Aroclor-1268-4	(4)	8.08	8.09	8.09	8.09	8.08	8.09	7.99	8.19
Aroclor-1268-5	(5)	8.38	8.38	8.38	8.38	8.38	8.38	8.28	8.48

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Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.61	8.61	8.61	8.61	8.61	8.61	8.51	8.71
Tetrachloro-m-xylene	3.44	3.44	3.44	3.44	3.44	3.44	3.34	3.54

Alliance TECHNICAL GROUP
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RETENTION TIMES OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3845 **SAS No.:** P3845 **SDG NO.:** P3845

Instrument ID: ECD_Q **Calibration Date(s):** 09/06/2024 09/06/2024

Calibration Times: 13:44 20:18

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PQ068364.D RT 750 = PQ068365.D

RT 500 = PQ068366.D RT 250 = PQ068367.D RT 050 = PQ068368.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	3.83	3.83	3.83	3.83	3.83	3.83	3.73	3.93
Aroclor-1016-2	(2)	3.84	3.84	3.84	3.84	3.84	3.84	3.74	3.94
Aroclor-1016-3	(3)	4.01	4.01	4.01	4.01	4.01	4.01	3.91	4.11
Aroclor-1016-4	(4)	4.05	4.05	4.05	4.05	4.05	4.05	3.95	4.15
Aroclor-1016-5	(5)	4.25	4.25	4.25	4.25	4.25	4.25	4.15	4.35
Aroclor-1260-1	(1)	5.25	5.25	5.25	5.25	5.25	5.25	5.15	5.35
Aroclor-1260-2	(2)	5.44	5.44	5.44	5.44	5.44	5.44	5.34	5.54
Aroclor-1260-3	(3)	5.58	5.58	5.58	5.58	5.58	5.58	5.48	5.68
Aroclor-1260-4	(4)	6.04	6.04	6.04	6.04	6.04	6.04	5.94	6.14
Aroclor-1260-5	(5)	6.29	6.29	6.29	6.29	6.29	6.29	6.19	6.39
Decachlorobiphenyl		7.60	7.60	7.60	7.60	7.60	7.60	7.50	7.70
Tetrachloro-m-xylene		2.82	2.82	2.82	2.82	2.82	2.82	2.72	2.92
Aroclor-1242-1	(1)	3.83	3.83	3.83	3.83	3.83	3.83	3.73	3.93
Aroclor-1242-2	(2)	3.84	3.84	3.84	3.84	3.84	3.84	3.74	3.94
Aroclor-1242-3	(3)	4.01	4.01	4.01	4.00	4.00	4.01	3.91	4.11
Aroclor-1242-4	(4)	4.09	4.09	4.09	4.09	4.09	4.09	3.99	4.19
Aroclor-1242-5	(5)	4.59	4.59	4.59	4.59	4.59	4.59	4.49	4.69
Decachlorobiphenyl		7.60	7.60	7.60	7.60	7.60	7.60	7.50	7.70
Tetrachloro-m-xylene		2.82	2.82	2.82	2.82	2.82	2.82	2.72	2.92
Aroclor-1248-1	(1)	3.83	3.83	3.83	3.83	3.83	3.83	3.73	3.93
Aroclor-1248-2	(2)	4.05	4.05	4.05	4.05	4.05	4.05	3.95	4.15
Aroclor-1248-3	(3)	4.09	4.09	4.09	4.09	4.09	4.09	3.99	4.19
Aroclor-1248-4	(4)	4.25	4.25	4.25	4.25	4.25	4.25	4.15	4.35
Aroclor-1248-5	(5)	4.63	4.63	4.63	4.63	4.63	4.63	4.53	4.73
Decachlorobiphenyl		7.60	7.60	7.60	7.60	7.60	7.60	7.50	7.70
Tetrachloro-m-xylene		2.82	2.82	2.82	2.82	2.82	2.82	2.72	2.92
Aroclor-1254-1	(1)	4.59	4.59	4.59	4.59	4.59	4.59	4.49	4.69
Aroclor-1254-2	(2)	4.74	4.74	4.73	4.74	4.74	4.74	4.64	4.84
Aroclor-1254-3	(3)	5.12	5.12	5.12	5.12	5.12	5.12	5.02	5.22
Aroclor-1254-4	(4)	5.34	5.35	5.34	5.34	5.34	5.34	5.24	5.44
Aroclor-1254-5	(5)	5.75	5.75	5.75	5.75	5.75	5.75	5.65	5.85
Decachlorobiphenyl		7.60	7.60	7.60	7.60	7.60	7.60	7.50	7.70
Tetrachloro-m-xylene		2.82	2.82	2.82	2.82	2.82	2.82	2.72	2.92
Aroclor-1268-1	(1)	6.56	6.56	6.56	6.56	6.56	6.56	6.46	6.66
Aroclor-1268-2	(2)	6.63	6.63	6.63	6.63	6.63	6.63	6.53	6.73
Aroclor-1268-3	(3)	6.83	6.83	6.83	6.83	6.83	6.83	6.73	6.93
Aroclor-1268-4	(4)	7.12	7.12	7.12	7.12	7.12	7.12	7.02	7.22
Aroclor-1268-5	(5)	7.38	7.39	7.38	7.39	7.38	7.38	7.28	7.48

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	7.60	7.60	7.60	7.60	7.60	7.60	7.50	7.70
Tetrachloro-m-xylene	2.82	2.82	2.82	2.82	2.82	2.82	2.72	2.92

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3845 **SAS No.:** P3845 **SDG NO.:** P3845

Instrument ID: ECD_Q **Calibration Date(s):** 09/06/2024 09/06/2024

Calibration Times: 13:44 20:18

GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID: CF 1000 = PQ068364.D CF 750 = PQ068365.D

CF 500 = PQ068366.D CF 250 = PQ068367.D CF 050 = PQ068368.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	220494247	228296740	237296836	247127024	235110940	233665157	4
Aroclor-1016-2	(2)	341988221	359188069	368565890	385252580	380788240	367156600	5
Aroclor-1016-3	(3)	207857273	217351683	226540160	237347956	241074820	226034378	6
Aroclor-1016-4	(4)	174697857	182664279	189039276	197755040	207811480	190393586	7
Aroclor-1016-5	(5)	164728797	171364276	176675624	186597268	184666280	176806449	5
Aroclor-1260-1	(1)	310873200	323758821	339282050	352890976	335946260	332550261	5
Aroclor-1260-2	(2)	360394526	374163220	384279450	393134668	362163880	374827149	4
Aroclor-1260-3	(3)	226554778	235557681	239602126	245013016	228326700	235010860	3
Aroclor-1260-4	(4)	268274897	281599308	285285086	293987232	256388780	277107061	5
Aroclor-1260-5	(5)	523183926	539829283	546453512	554026120	508802960	534459160	3
Decachlorobiphenyl		4306313080	4408223800	4496622040	4544277200	4035881000	4358263424	5
Tetrachloro-m-xylene		6884435340	7125045560	7272295380	7489220120	6932156800	7140630640	3
Aroclor-1242-1	(1)	166796176	175351103	182669174	192277216	186286320	180675998	5
Aroclor-1242-2	(2)	259714279	270714293	281960386	295581604	283895240	278373160	5
Aroclor-1242-3	(3)	159578795	167143603	173448242	182918840	176476400	171913176	5
Aroclor-1242-4	(4)	133694571	139223752	143439762	149938168	143198620	141898975	4
Aroclor-1242-5	(5)	136509715	142254663	146233590	151227488	144376980	144120487	4
Decachlorobiphenyl		4158841450	4291375453	4347732400	4483754440	3957525600	4247845869	5
Tetrachloro-m-xylene		6805021750	7050371080	7258317760	7514150600	6887807800	7103133798	4
Aroclor-1248-1	(1)	132205779	136817641	143049012	150882236	137771400	140145214	5
Aroclor-1248-2	(2)	180560055	186207677	197411094	208637488	200929540	194749171	6
Aroclor-1248-3	(3)	219897588	225739475	236496688	251210884	239920440	234653015	5
Aroclor-1248-4	(4)	243913318	250341044	261988760	273343572	261424460	258202231	4
Aroclor-1248-5	(5)	243858950	249823417	261277480	271357384	239938060	253251058	5
Decachlorobiphenyl		4238822260	4287657973	4438652320	4491916640	4062475800	4303904999	4
Tetrachloro-m-xylene		6835143890	7008002067	7267283180	7516607000	6840430600	7093493347	4
Aroclor-1254-1	(1)	239414934	245797669	262991684	272193892	260506520	256180940	5
Aroclor-1254-2	(2)	367703992	377535845	399444620	416874748	394751940	391262229	5
Aroclor-1254-3	(3)	388093364	398202337	416820106	432024096	398220060	406671993	4
Aroclor-1254-4	(4)	280805271	287389117	298477368	304718216	268760680	288030130	5
Aroclor-1254-5	(5)	319823122	323624653	339743810	346884060	304737820	326962693	5
Decachlorobiphenyl		4225523910	4275831707	4430097360	4462379600	4031153200	4284997155	4
Tetrachloro-m-xylene		6894543690	7041221893	7360286840	7516028160	6666282600	7095672637	5
Aroclor-1268-1	(1)	708299103	717921815	736397802	755556888	689063540	721447830	4

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	649939522	659448301	671758878	689966280	628733800	659969356	3
Aroclor-1268-3	(3)	535868451	544005193	553756914	566738956	508938480	541861599	4
Aroclor-1268-4	(4)	215987240	218345192	222191186	222958084	198245120	215545364	5
Aroclor-1268-5	(5)	1585855062	1604298005	1606762668	1643055736	1469332760	1581860846	4
Decachlorobiphenyl		7256488540	7394843107	7520440600	7716600040	7047125800	7387099617	3
Tetrachloro-m-xylene		7001580500	7109960347	7277445460	7510094680	7059211000	7191658397	3

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3845 **SAS No.:** P3845 **SDG NO.:** P3845

Instrument ID: ECD_Q **Calibration Date(s):** 09/06/2024 09/06/2024

Calibration Times: 13:44 20:18

GC Column: ZB-MR2 **ID:** 0.32 (mm)

LAB FILE ID: **CF 1000 =** PQ068364.D **CF 750 =** PQ068365.D

CF 500 = PQ068366.D **CF 250 =** PQ068367.D **CF 050 =** PQ068368.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	227378178	233861524	243482598	251912016	230714840	237469831	4
Aroclor-1016-2	(2)	344195710	357951655	363970176	382435364	358208520	361352285	4
Aroclor-1016-3	(3)	182437515	188916028	194789766	205399952	199620700	194232792	5
Aroclor-1016-4	(4)	149984891	156865996	160530288	172205548	167898880	161497121	5
Aroclor-1016-5	(5)	182447999	189741885	194990414	203255324	195315920	193150308	4
Aroclor-1260-1	(1)	360911546	375156783	385291692	398281924	400281120	383984613	4
Aroclor-1260-2	(2)	436966999	454862087	463809400	478222196	445128340	455797804	4
Aroclor-1260-3	(3)	420736052	434913400	440653104	463947244	418825380	435815036	4
Aroclor-1260-4	(4)	310383620	320881101	326485024	336845968	311879140	321294971	3
Aroclor-1260-5	(5)	716112061	740482116	747444818	761622156	677988480	728729926	5
Decachlorobiphenyl		6377268740	6616419987	6778633440	6881002040	6365914800	6603847801	4
Tetrachloro-m-xylene		7199040800	7117022973	7311807860	7374411200	6609235600	7122303687	4
Aroclor-1242-1	(1)	173202247	178337685	183597078	197619104	180555620	182662347	5
Aroclor-1242-2	(2)	258924604	268902545	280963348	286041684	257355260	270437488	5
Aroclor-1242-3	(3)	139697848	144640876	150258070	156675300	144563760	147167171	4
Aroclor-1242-4	(4)	130768818	135827911	141068462	147788596	142061420	139503041	5
Aroclor-1242-5	(5)	177284315	182925804	189464012	199001520	190817240	187898578	4
Decachlorobiphenyl		6211928780	6429179813	6557076260	6802408120	6081298200	6416378235	4
Tetrachloro-m-xylene		7127122470	7072438933	7217063080	7535894960	6371450600	7064794009	6
Aroclor-1248-1	(1)	135243644	139753564	145639522	151432196	142135140	142840813	4
Aroclor-1248-2	(2)	201946561	207702101	220243538	231393744	215303760	215317941	5
Aroclor-1248-3	(3)	195902495	202215607	211937116	220942012	206916860	207582818	5
Aroclor-1248-4	(4)	241945718	247911589	260730282	269909560	257319700	255563370	4
Aroclor-1248-5	(5)	243933640	249152792	260799414	268913084	253985420	255356870	4
Decachlorobiphenyl		6320060170	6413677973	6717881200	6778876040	6708434200	6587785917	3
Tetrachloro-m-xylene		7068429730	7162034533	7381284420	7455458440	6648355000	7143112425	4
Aroclor-1254-1	(1)	352939766	363095117	382111092	391565276	371538440	372249938	4
Aroclor-1254-2	(2)	317126151	326940233	343566506	354319392	325430620	333476580	5
Aroclor-1254-3	(3)	496383232	510062353	529921836	540528256	491885400	513756215	4
Aroclor-1254-4	(4)	307208166	315004624	325070254	329001852	294771800	314211339	4
Aroclor-1254-5	(5)	477528481	487523517	506763868	511531852	404378780	477545300	9
Decachlorobiphenyl		6294188570	6451609240	6700356360	6745480720	5877412200	6413809418	5
Tetrachloro-m-xylene		7081433640	7158544200	7405905900	7369871640	6380193600	7079189796	6
Aroclor-1268-1	(1)	1001947756	1008232131	1028089648	1050547912	998547540	1017472997	2

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	916869193	921048908	931403856	943232072	825463720	907603550	5
Aroclor-1268-3	(3)	791349263	796090963	809892402	820623788	754078420	794406967	3
Aroclor-1268-4	(4)	320780143	326798756	331216902	331522852	271720880	316407907	8
Aroclor-1268-5	(5)	2377806535	2385162268	2412835146	2439182068	2207295220	2364456247	4
Decachlorobiphenyl		10938958450	11038510627	11289518480	11608763760	10589617400	11093073743	3
Tetrachloro-m-xylene		7155036770	7243271427	7254389180	7346428680	6493200800	7098465371	5

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3845 **SAS No.:** P3845 **SDG NO.:** P3845

Instrument ID: ECD_Q **Date(s) Analyzed:** 09/06/2024 09/06/2024

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.64	3.54	3.74	83935400
		2	3.72	3.62	3.82	64714400
		3	3.79	3.69	3.89	196842000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	3.79	3.69	3.89	160509000
		2	4.28	4.18	4.38	88211000
		3	4.56	4.46	4.66	161055000
		4	4.71	4.61	4.81	80032200
		5	4.80	4.70	4.90	53895800
Aroclor-1262	500	1	6.92	6.82	7.02	353604000
		2	7.23	7.13	7.33	653028000
		3	7.51	7.41	7.61	429696000
		4	7.58	7.48	7.68	333486000
		5	8.08	7.98	8.18	210648000

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3845 **SAS No.:** P3845 **SDG NO.:** P3845

Instrument ID: ECD_Q **Date(s) Analyzed:** 09/06/2024 09/06/2024

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.02	2.92	3.12	91110800
		2	3.10	3.00	3.20	72226400
		3	3.17	3.07	3.27	202460000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	3.17	3.07	3.27	162631000
		2	3.84	3.74	3.94	157343000
		3	4.00	3.90	4.10	83180600
		4	4.09	3.99	4.19	70594000
		5	4.25	4.15	4.35	79027800
Aroclor-1262	500	1	5.79	5.69	5.89	485264000
		2	6.04	5.94	6.14	445382000
		3	6.56	6.46	6.66	354174000
		4	6.63	6.53	6.73	662328000
		5	7.12	7.02	7.22	305968000

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068364.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 13:44
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 06 14:35:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Sep 06 14:28:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	688.4E6	719.9E6	97.260	99.223
2)	SA Decachlor...	8.611	7.601	430.6E6	637.7E6	97.838	96.949
	Target Compounds						
3)	L1 AR-1016-1	4.539	3.828	220.5E6	227.4E6	963.296	965.798
4)	L1 AR-1016-2	4.558	3.844	342.0E6	344.2E6	962.596	972.077
5)	L1 AR-1016-3	4.616	4.005	207.9E6	182.4E6	956.991	967.255
6)	L1 AR-1016-4	4.708	4.053	174.7E6	150.0E6	960.572	966.039
7)	L1 AR-1016-5	4.994	4.249	164.7E6	182.4E6	965.007	966.770
31)	L7 AR-1260-1	6.094	5.246	310.9E6	360.9E6	956.305	967.328
32)	L7 AR-1260-2	6.354	5.437	360.4E6	437.0E6	967.926	970.201
33)	L7 AR-1260-3	6.707	5.578	226.6E6	420.7E6	972.011	976.878
34)	L7 AR-1260-4	6.925	6.040	268.3E6	310.4E6	969.271	974.718
35)	L7 AR-1260-5	7.235	6.286	523.2E6	716.1E6	978.245	978.591

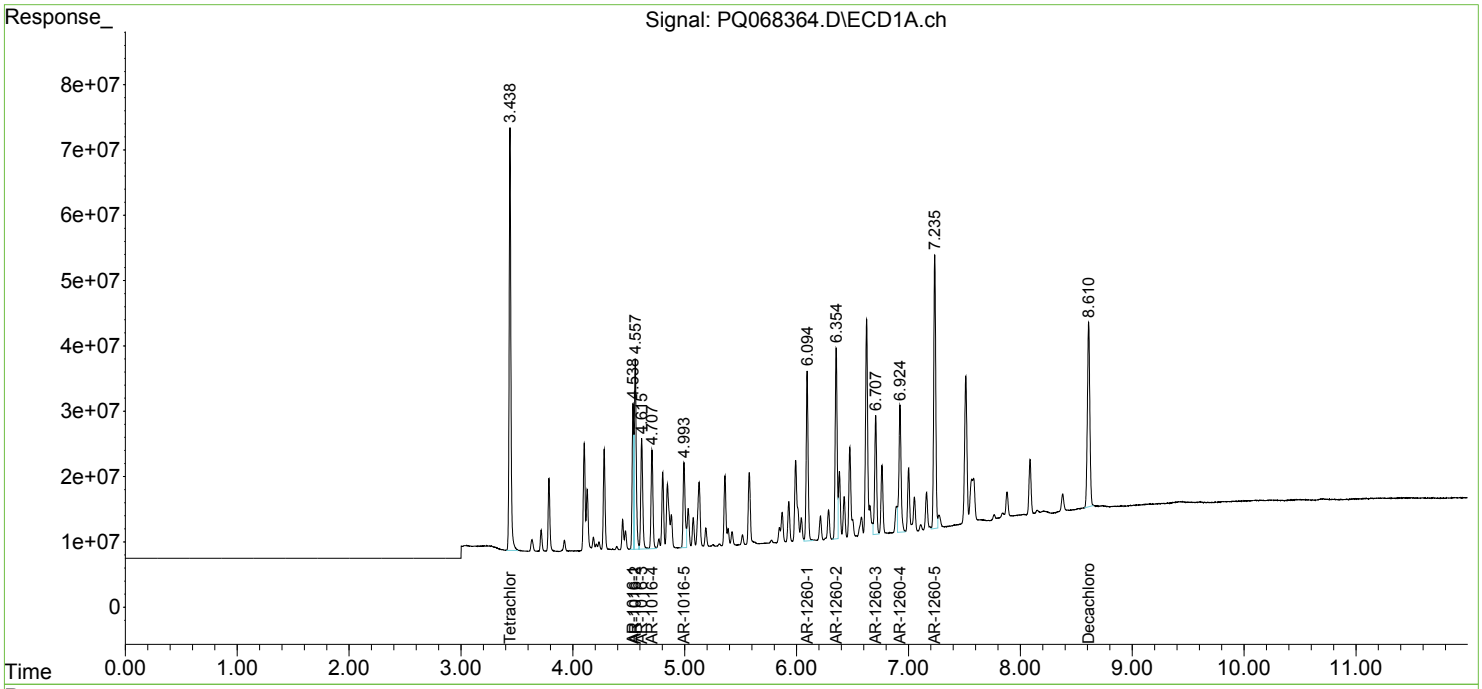
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

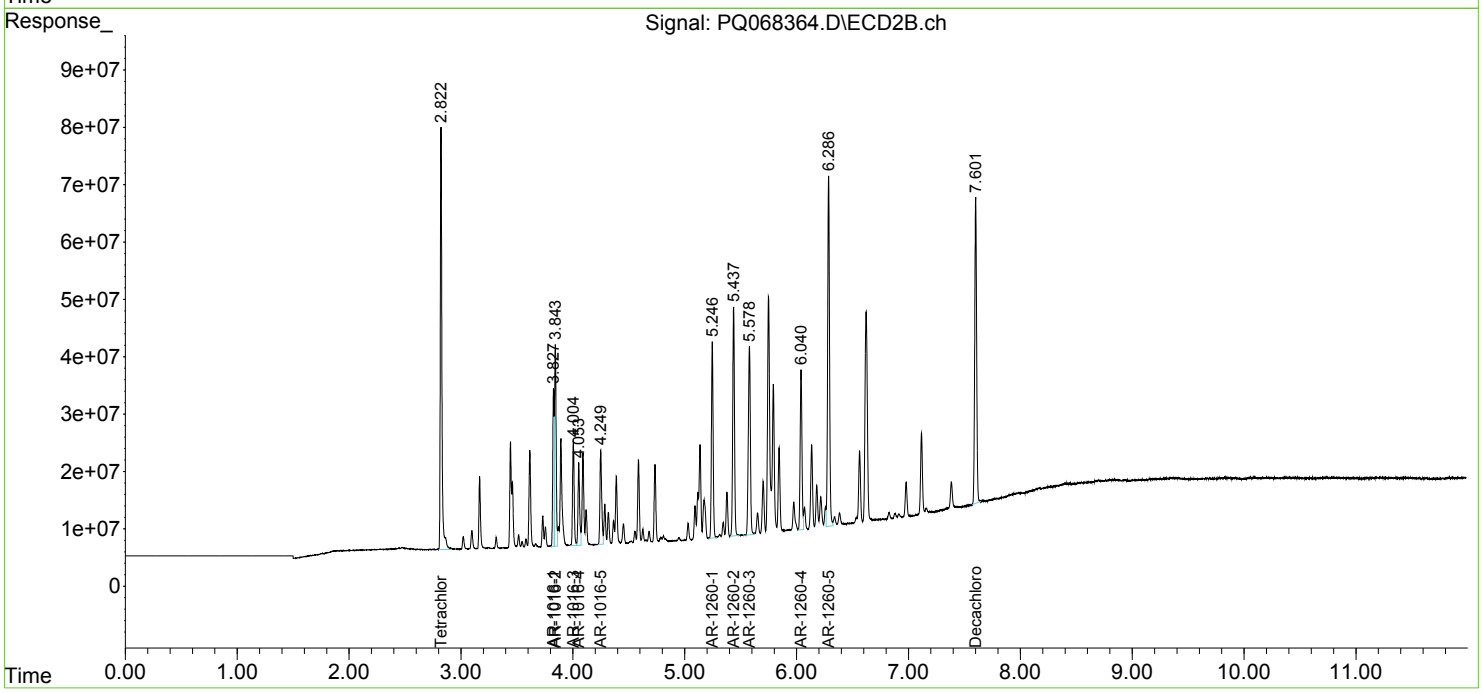
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068364.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 13:44
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

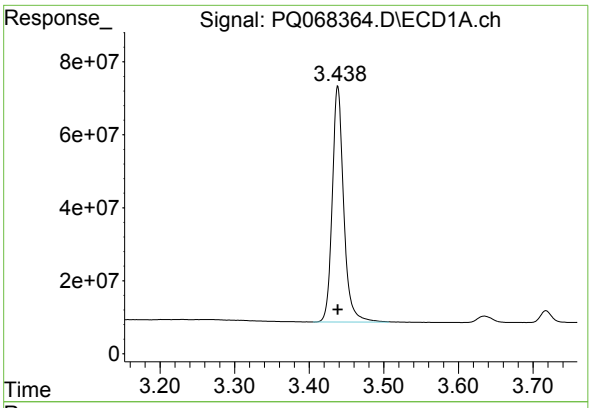
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 06 14:35:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Sep 06 14:28:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



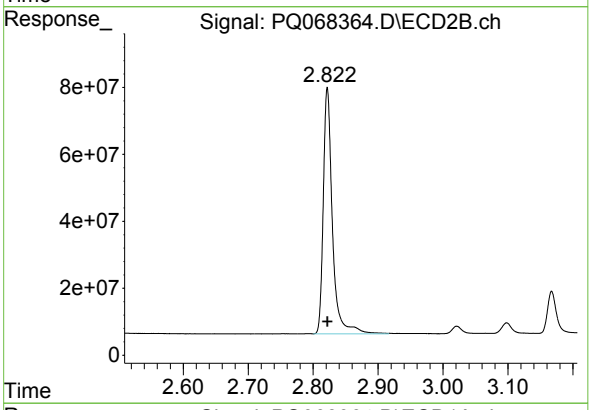




#1 Tetrachloro-m-xylene

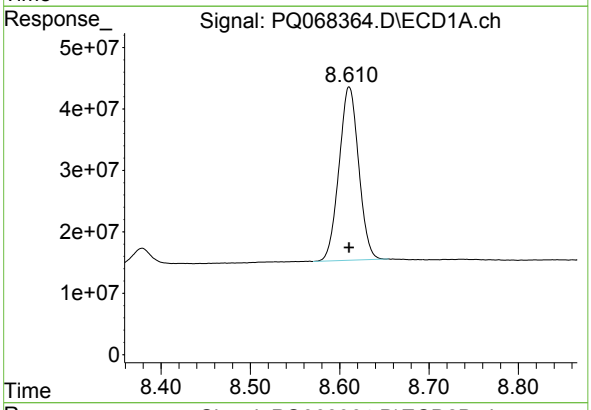
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 688443534
Conc: 97.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



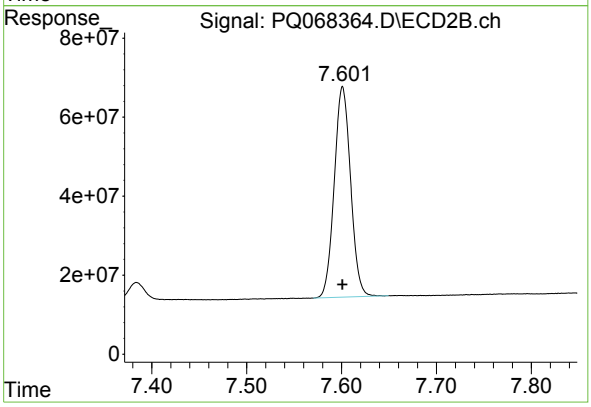
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 719904080
Conc: 99.22 ng/ml



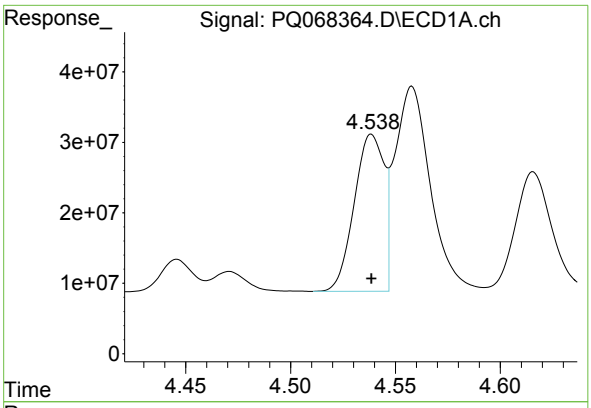
#2 Decachlorobiphenyl

R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 430631308
Conc: 97.84 ng/ml



#2 Decachlorobiphenyl

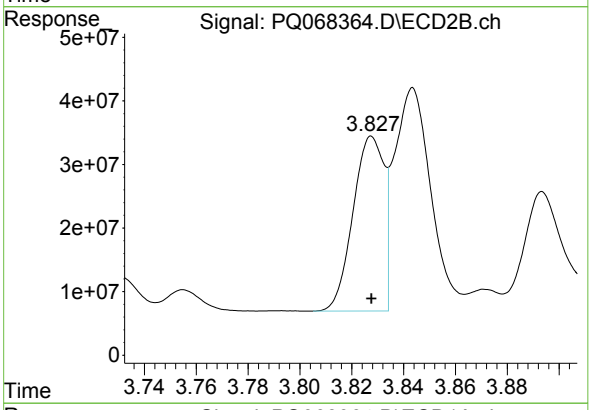
R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 637726874
Conc: 96.95 ng/ml



#3 AR-1016-1

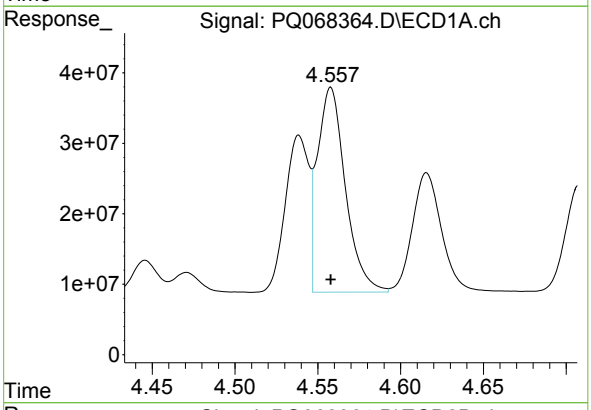
R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 220494247
Conc: 963.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



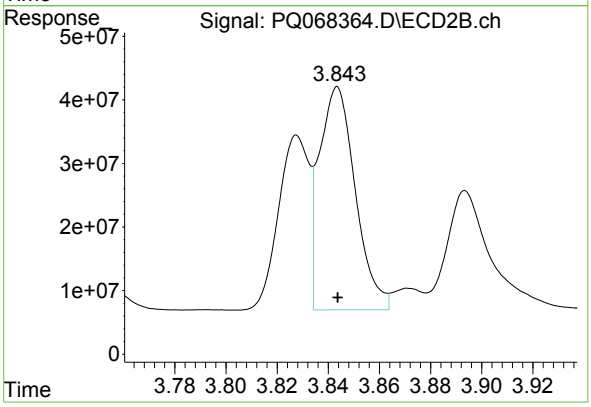
#3 AR-1016-1

R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 227378178
Conc: 965.80 ng/ml



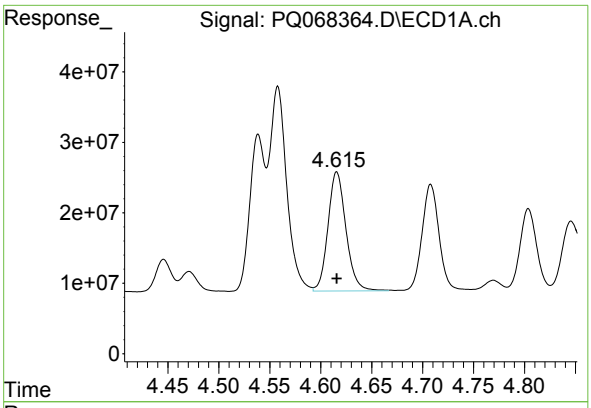
#4 AR-1016-2

R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 341988221
Conc: 962.60 ng/ml



#4 AR-1016-2

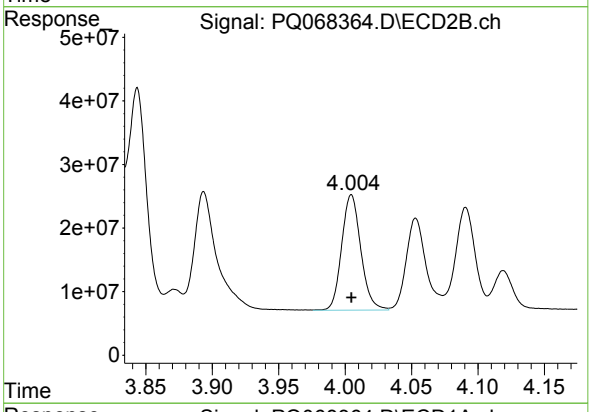
R.T.: 3.844 min
Delta R.T.: 0.000 min
Response: 344195710
Conc: 972.08 ng/ml



#5 AR-1016-3

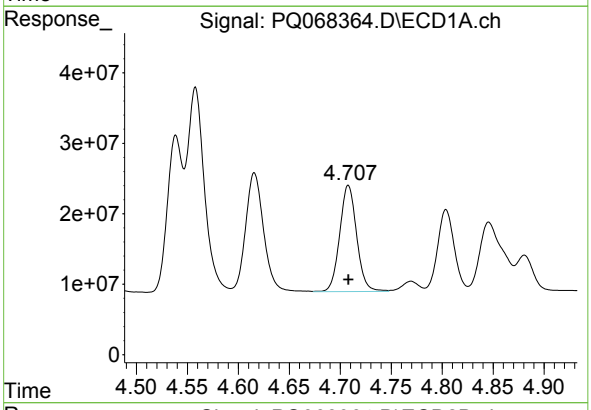
R.T.: 4.616 min
Delta R.T.: 0.000 min
Response: 207857273
Conc: 956.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



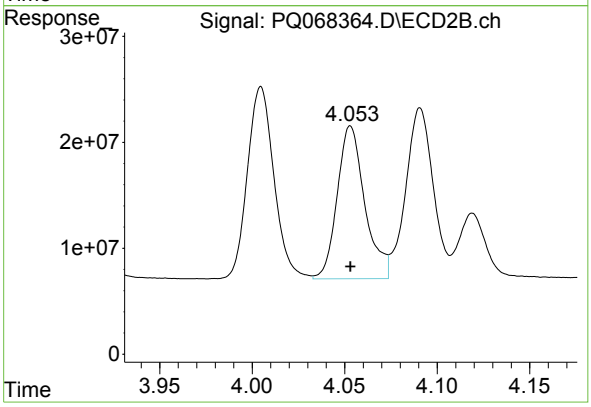
#5 AR-1016-3

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 182437515
Conc: 967.26 ng/ml



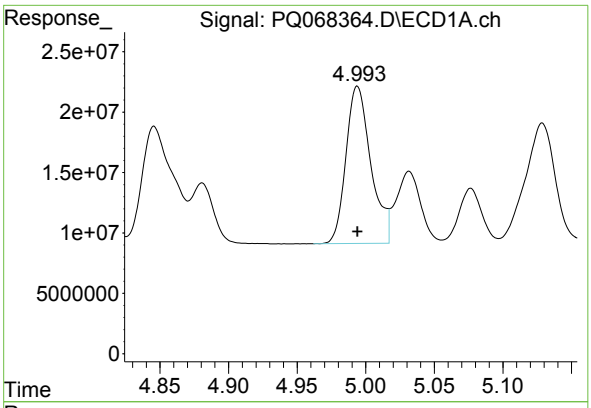
#6 AR-1016-4

R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 174697857
Conc: 960.57 ng/ml



#6 AR-1016-4

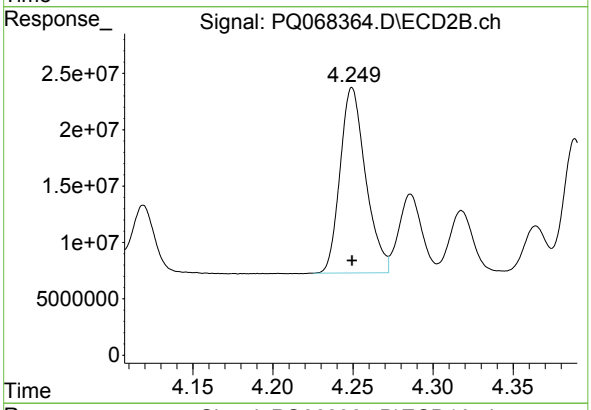
R.T.: 4.053 min
Delta R.T.: 0.000 min
Response: 149984891
Conc: 966.04 ng/ml



#7 AR-1016-5

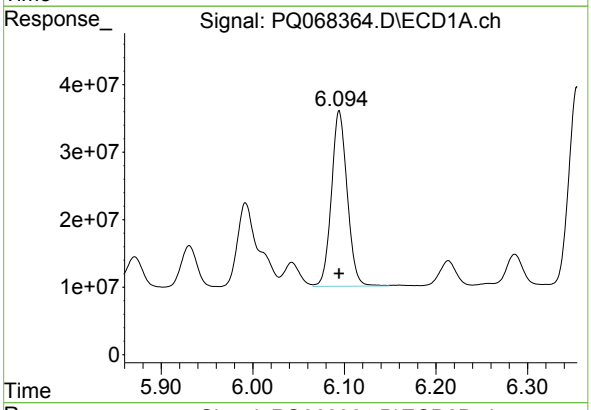
R.T.: 4.994 min
Delta R.T.: 0.000 min
Response: 164728797
Conc: 965.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



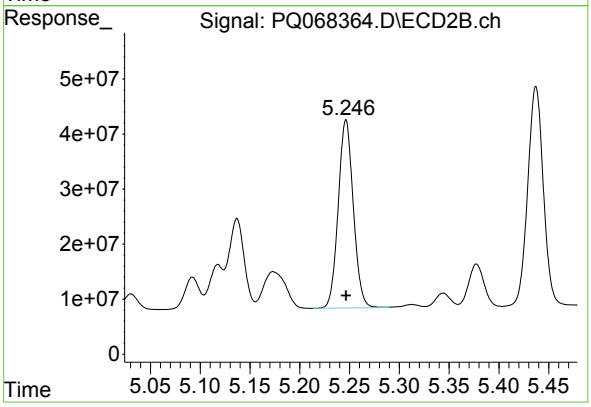
#7 AR-1016-5

R.T.: 4.249 min
Delta R.T.: 0.000 min
Response: 182447999
Conc: 966.77 ng/ml



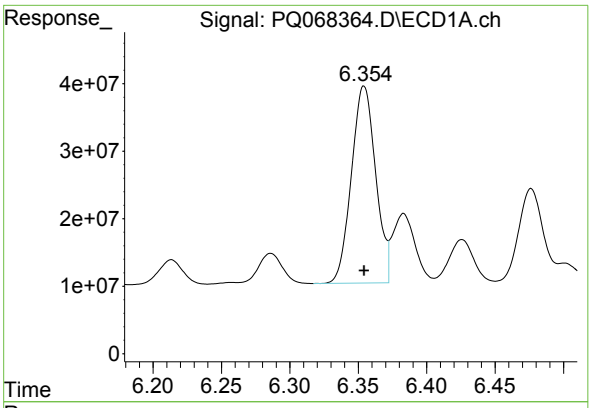
#31 AR-1260-1

R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 310873200
Conc: 956.30 ng/ml



#31 AR-1260-1

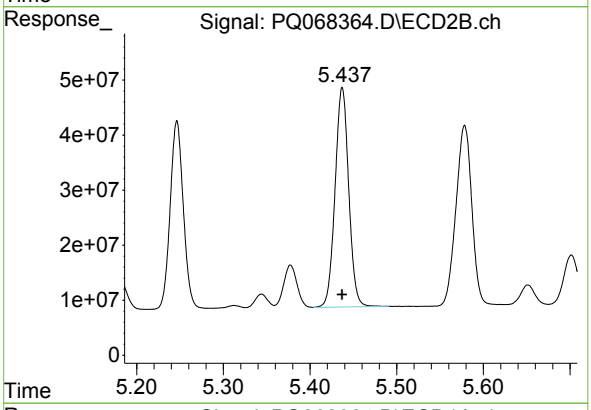
R.T.: 5.246 min
Delta R.T.: 0.000 min
Response: 360911546
Conc: 967.33 ng/ml



#32 AR-1260-2

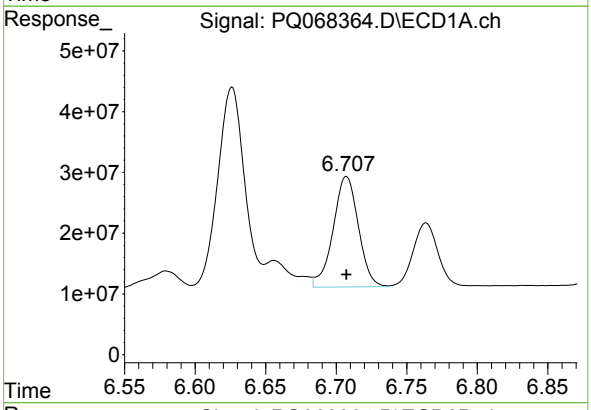
R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 360394526
Conc: 967.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



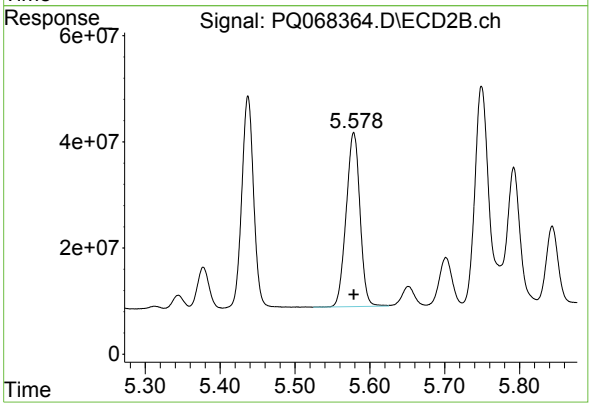
#32 AR-1260-2

R.T.: 5.437 min
Delta R.T.: 0.000 min
Response: 436966999
Conc: 970.20 ng/ml



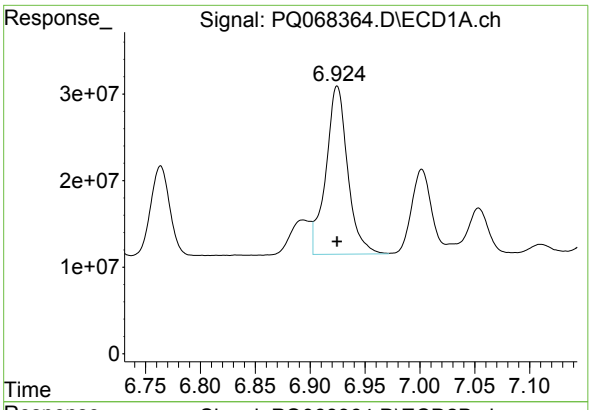
#33 AR-1260-3

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 226554778
Conc: 972.01 ng/ml



#33 AR-1260-3

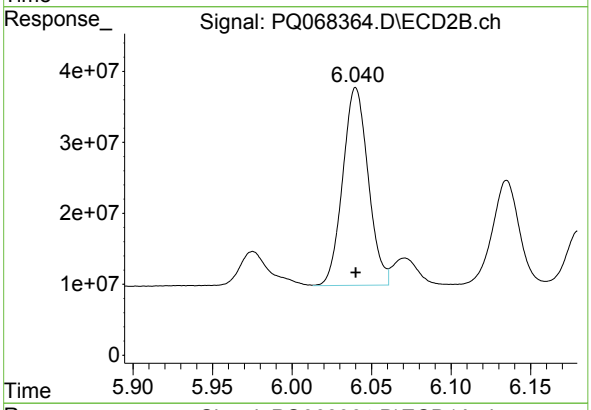
R.T.: 5.578 min
Delta R.T.: 0.000 min
Response: 420736052
Conc: 976.88 ng/ml



#34 AR-1260-4

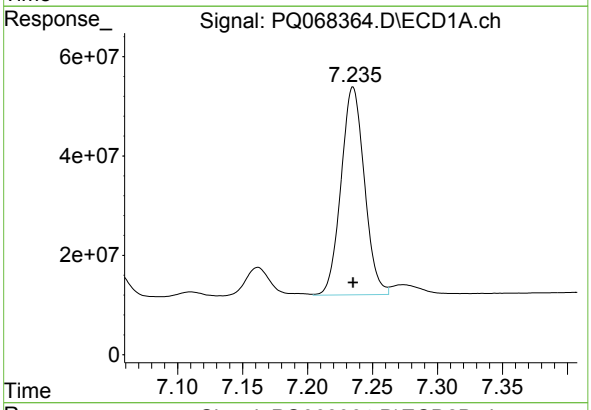
R.T.: 6.925 min
Delta R.T.: 0.000 min
Response: 268274897
Conc: 969.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



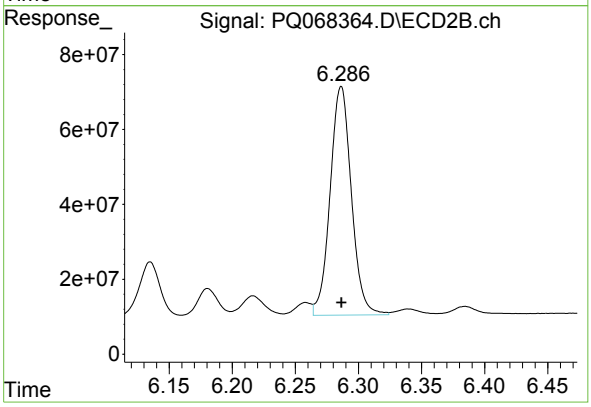
#34 AR-1260-4

R.T.: 6.040 min
Delta R.T.: 0.000 min
Response: 310383620
Conc: 974.72 ng/ml



#35 AR-1260-5

R.T.: 7.235 min
Delta R.T.: 0.000 min
Response: 523183926
Conc: 978.25 ng/ml



#35 AR-1260-5

R.T.: 6.286 min
Delta R.T.: 0.000 min
Response: 716112061
Conc: 978.59 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068365.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 13:59
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 06 14:37:47 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Sep 06 14:28:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	534.4E6	533.8E6	75.329	74.040
2)	SA Decachlor...	8.610	7.601	330.6E6	496.2E6	75.077	75.292
	Target Compounds						
3)	L1 AR-1016-1	4.538	3.828	171.2E6	175.4E6	748.691	746.661
4)	L1 AR-1016-2	4.558	3.844	269.4E6	268.5E6	755.484	755.443
5)	L1 AR-1016-3	4.616	4.005	163.0E6	141.7E6	750.352	750.801
6)	L1 AR-1016-4	4.707	4.053	137.0E6	117.6E6	752.184	755.162
7)	L1 AR-1016-5	4.994	4.249	128.5E6	142.3E6	751.937	752.705
31)	L7 AR-1260-1	6.095	5.246	242.8E6	281.4E6	747.969	752.749
32)	L7 AR-1260-2	6.354	5.437	280.6E6	341.1E6	752.448	754.950
33)	L7 AR-1260-3	6.707	5.578	176.7E6	326.2E6	755.300	754.882
34)	L7 AR-1260-4	6.925	6.040	211.2E6	240.7E6	758.656	753.832
35)	L7 AR-1260-5	7.234	6.286	404.9E6	555.4E6	754.670	755.923

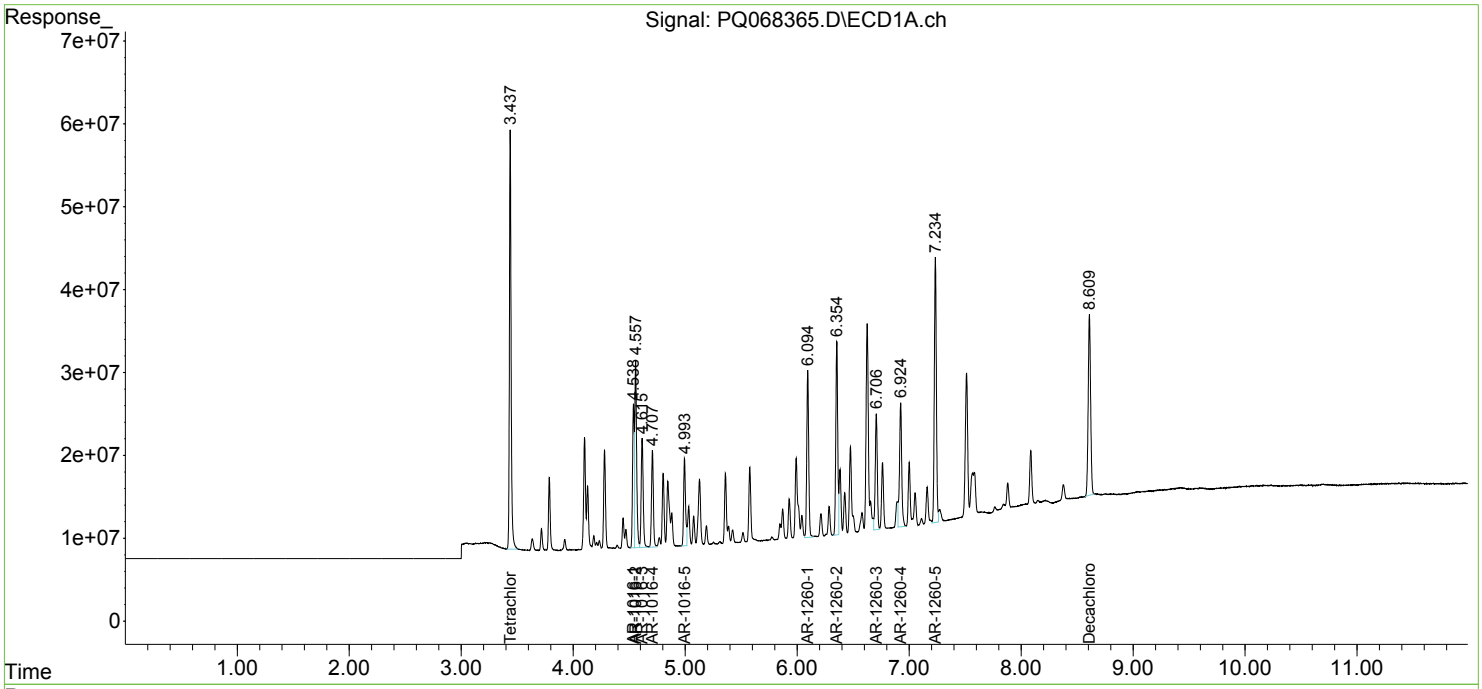
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

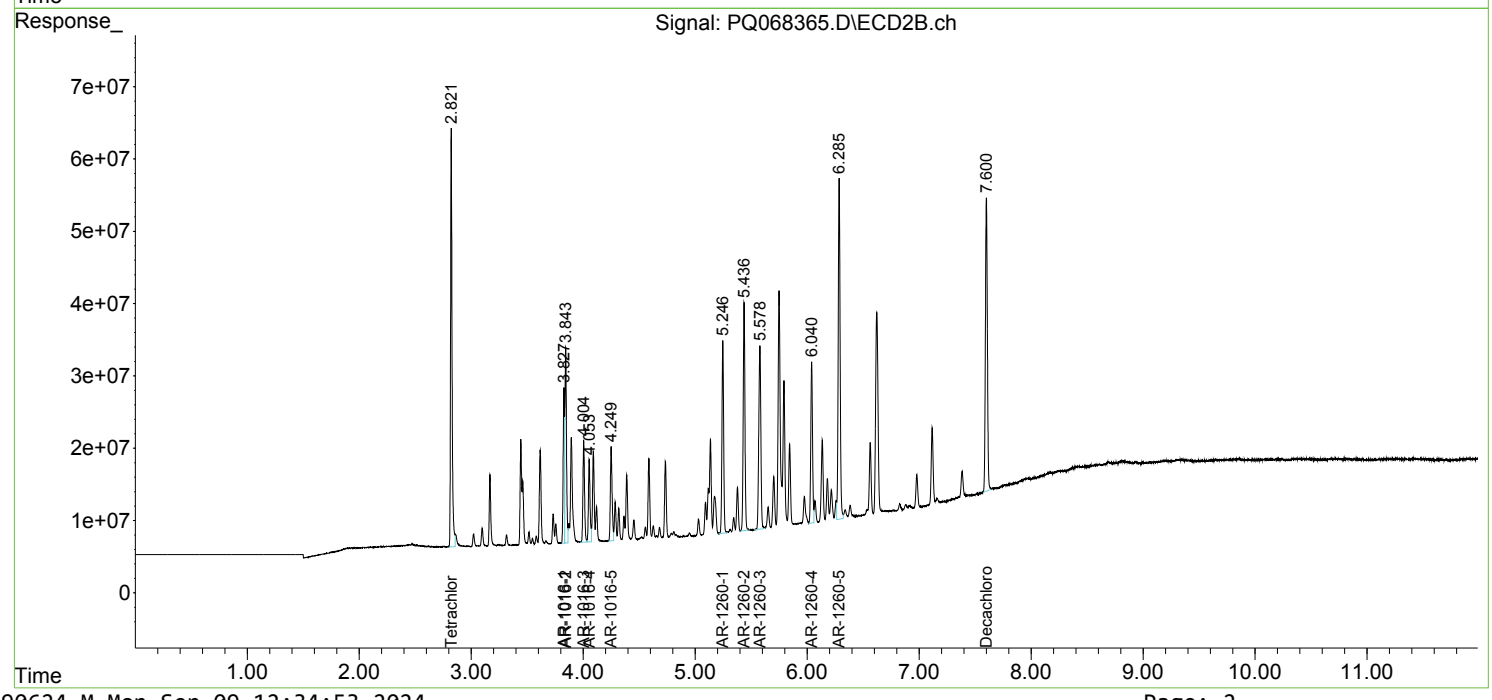
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068365.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 13:59
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

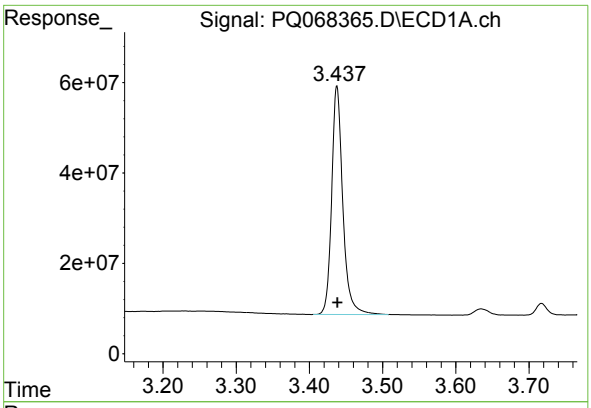
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 06 14:37:47 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Sep 06 14:28:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



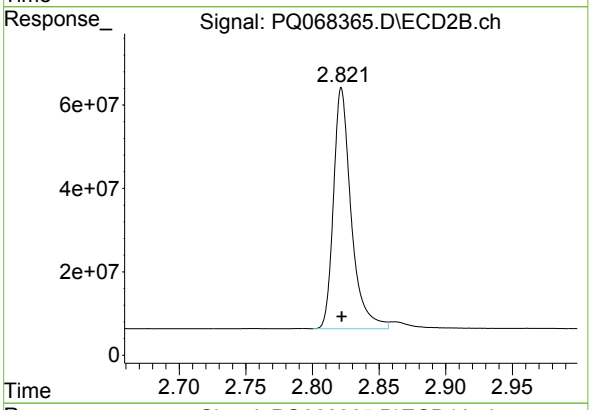




#1 Tetrachloro-m-xylene

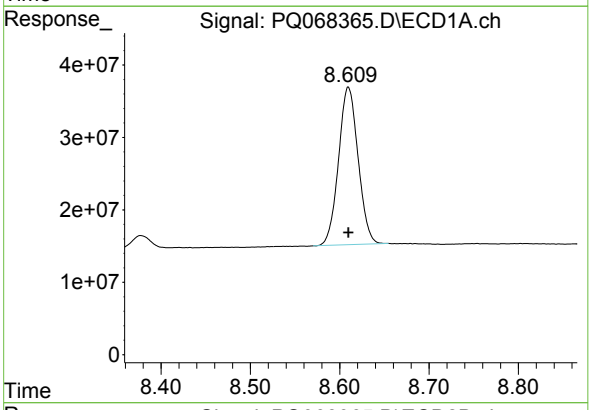
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 534378417
Conc: 75.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



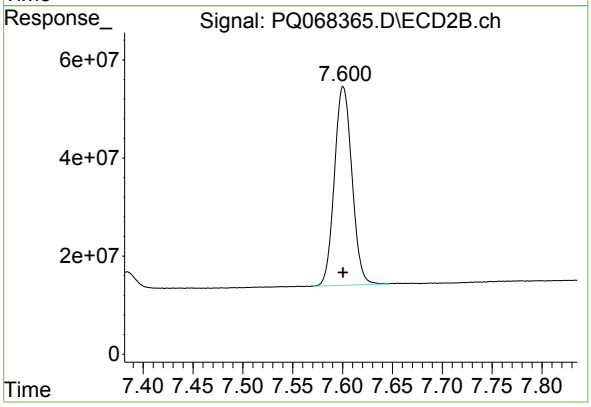
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 533776723
Conc: 74.04 ng/ml



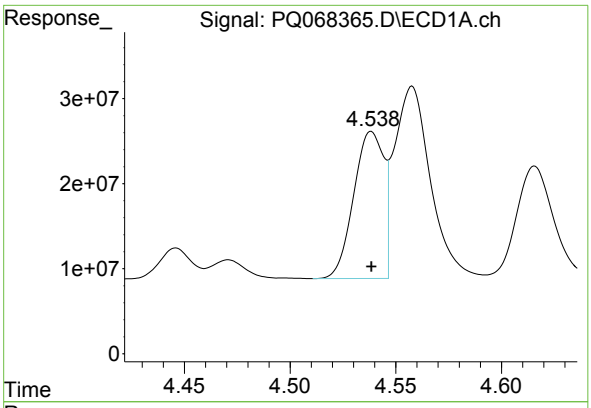
#2 Decachlorobiphenyl

R.T.: 8.610 min
Delta R.T.: 0.000 min
Response: 330616785
Conc: 75.08 ng/ml



#2 Decachlorobiphenyl

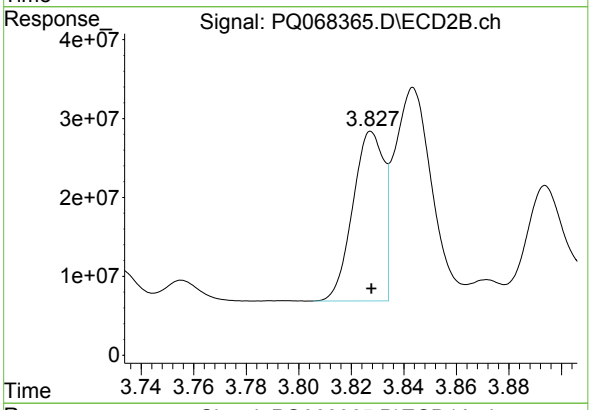
R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 496231499
Conc: 75.29 ng/ml



#3 AR-1016-1

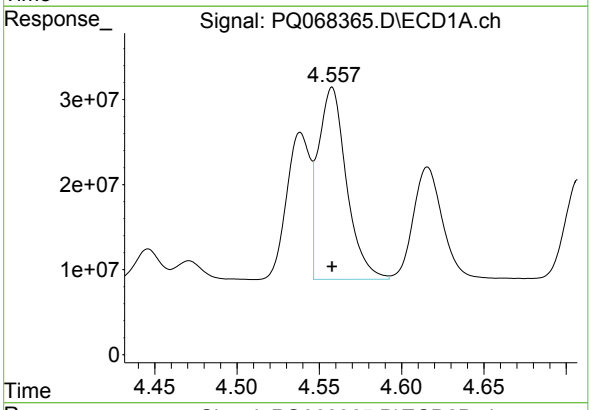
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 171222555
Conc: 748.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



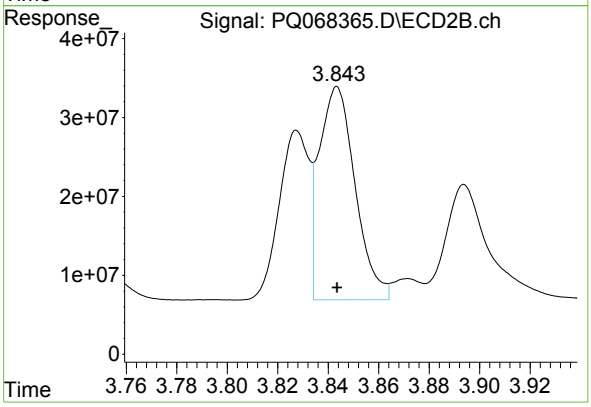
#3 AR-1016-1

R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 175396143
Conc: 746.66 ng/ml



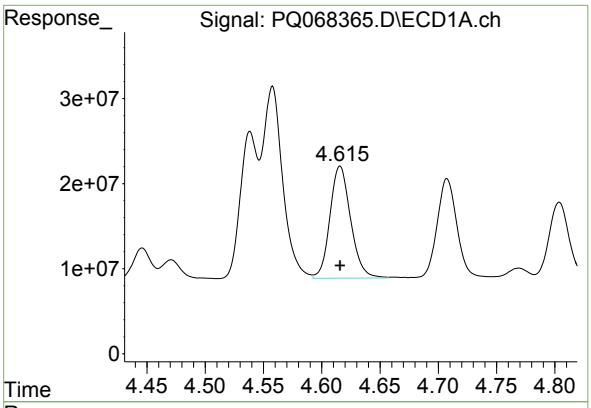
#4 AR-1016-2

R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 269391052
Conc: 755.48 ng/ml



#4 AR-1016-2

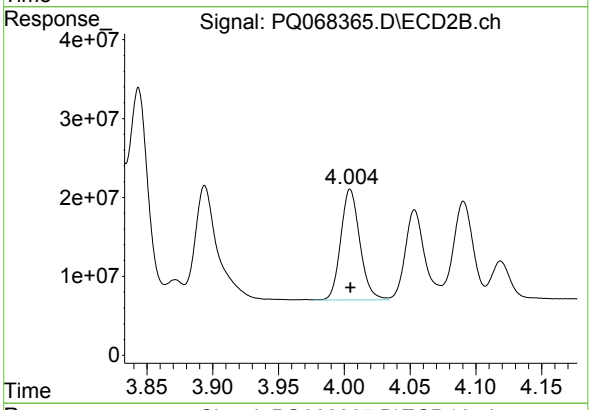
R.T.: 3.844 min
Delta R.T.: 0.000 min
Response: 268463741
Conc: 755.44 ng/ml



#5 AR-1016-3

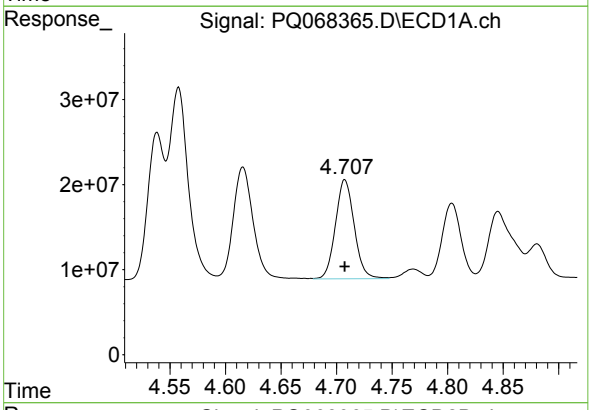
R.T.: 4.616 min
Delta R.T.: 0.000 min
Response: 163013762
Conc: 750.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



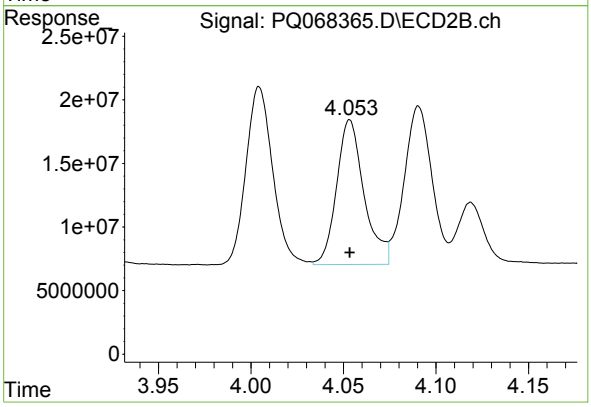
#5 AR-1016-3

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 141687021
Conc: 750.80 ng/ml



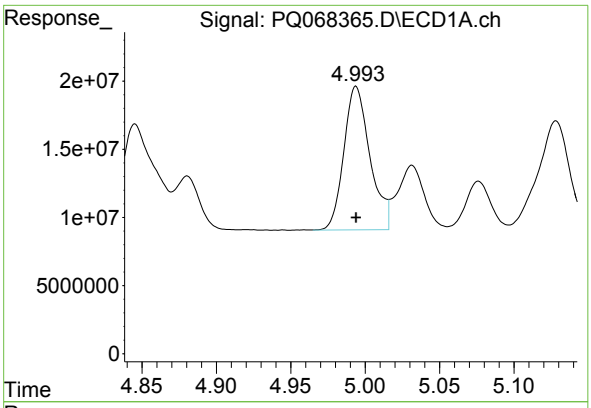
#6 AR-1016-4

R.T.: 4.707 min
Delta R.T.: 0.000 min
Response: 136998209
Conc: 752.18 ng/ml



#6 AR-1016-4

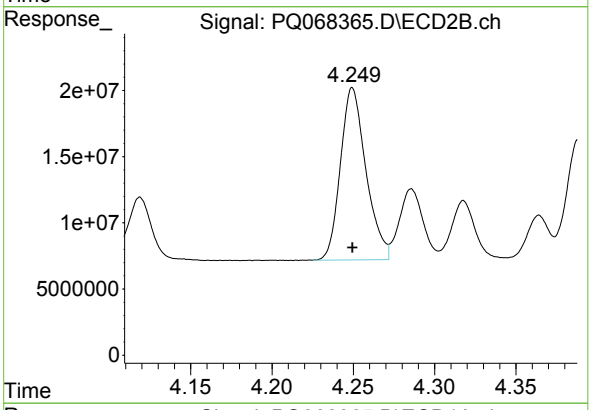
R.T.: 4.053 min
Delta R.T.: 0.000 min
Response: 117649497
Conc: 755.16 ng/ml



#7 AR-1016-5

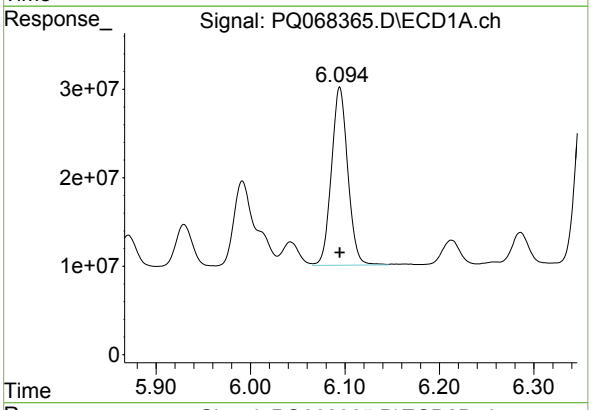
R.T.: 4.994 min
Delta R.T.: 0.000 min
Response: 128523207
Conc: 751.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



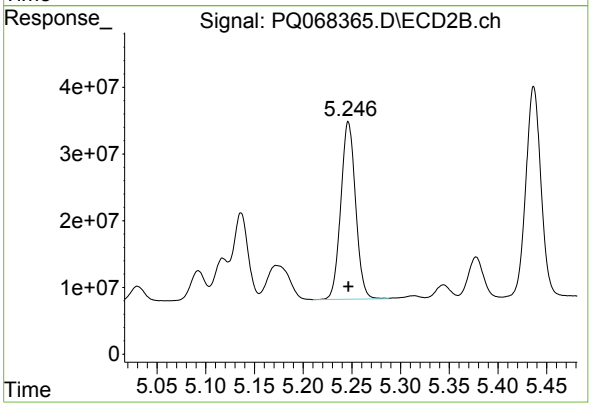
#7 AR-1016-5

R.T.: 4.249 min
Delta R.T.: 0.000 min
Response: 142306414
Conc: 752.70 ng/ml



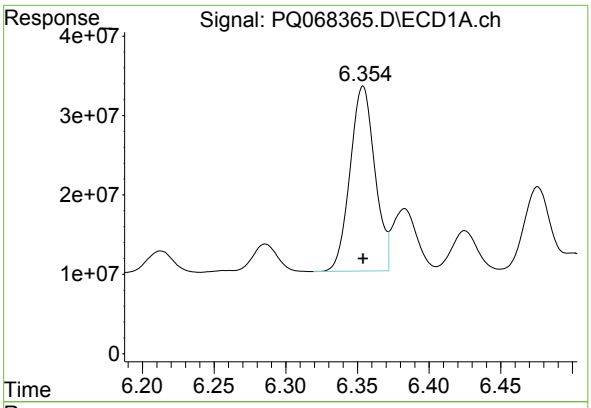
#31 AR-1260-1

R.T.: 6.095 min
Delta R.T.: 0.000 min
Response: 242819116
Conc: 747.97 ng/ml



#31 AR-1260-1

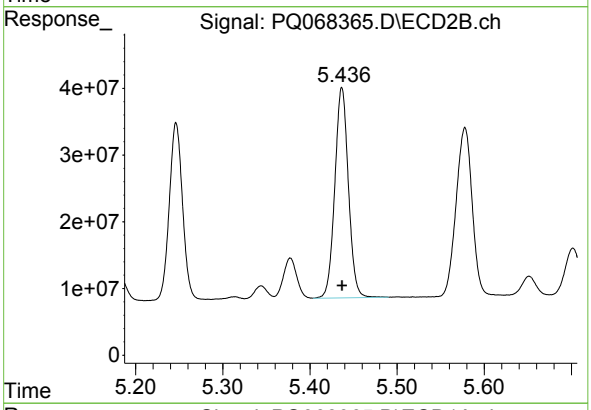
R.T.: 5.246 min
Delta R.T.: 0.000 min
Response: 281367587
Conc: 752.75 ng/ml



#32 AR-1260-2

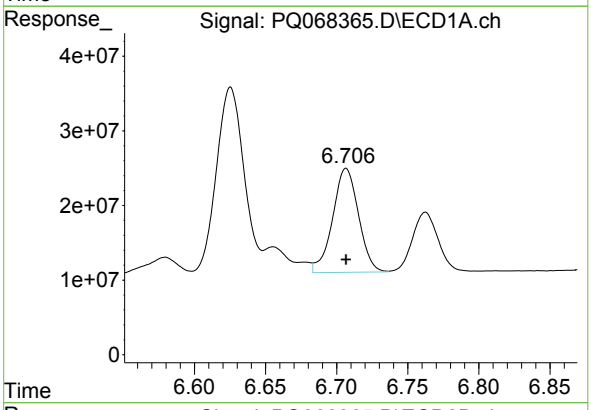
R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 280622415
Conc: 752.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



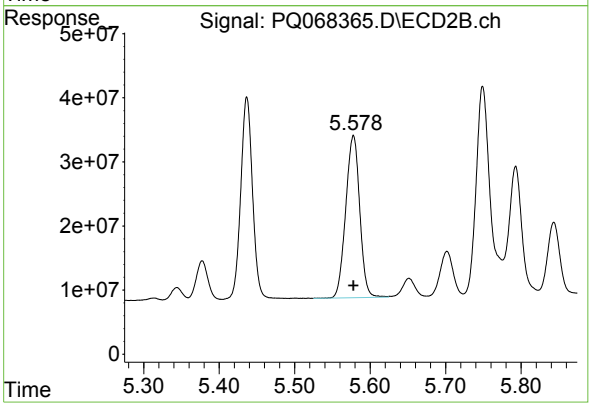
#32 AR-1260-2

R.T.: 5.437 min
Delta R.T.: 0.000 min
Response: 341146565
Conc: 754.95 ng/ml



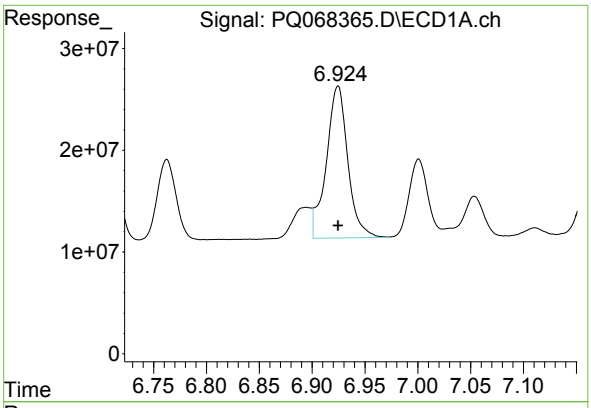
#33 AR-1260-3

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 176668261
Conc: 755.30 ng/ml



#33 AR-1260-3

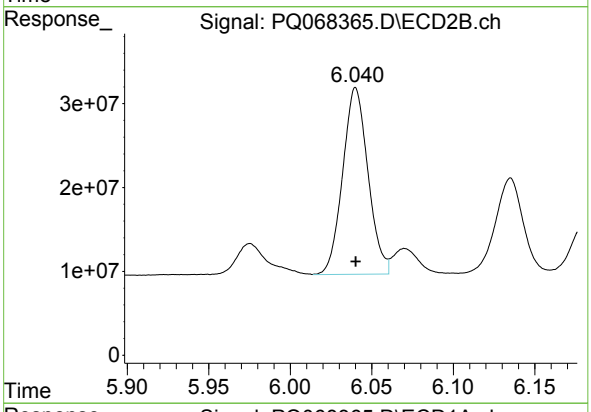
R.T.: 5.578 min
Delta R.T.: 0.000 min
Response: 326185050
Conc: 754.88 ng/ml



#34 AR-1260-4

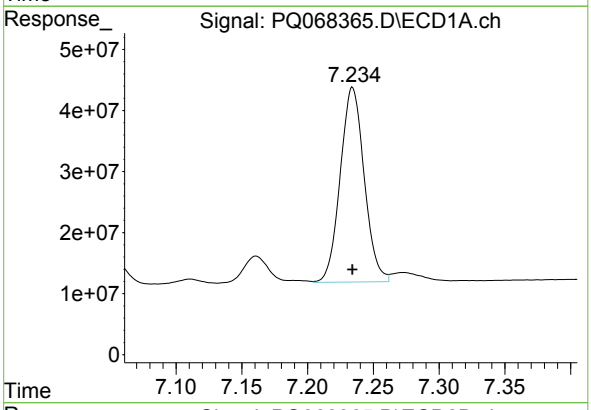
R.T.: 6.925 min
Delta R.T.: 0.000 min
Response: 211199481
Conc: 758.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



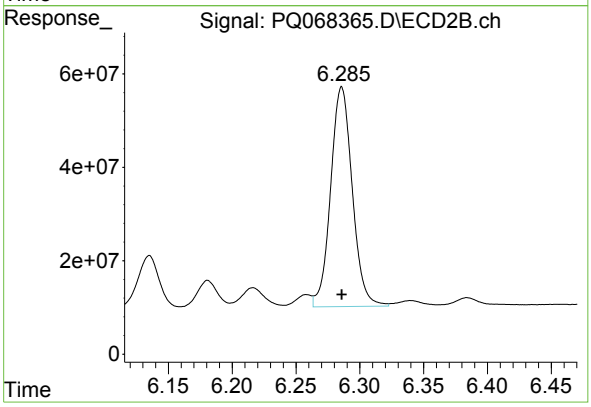
#34 AR-1260-4

R.T.: 6.040 min
Delta R.T.: 0.000 min
Response: 240660826
Conc: 753.83 ng/ml



#35 AR-1260-5

R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 404871962
Conc: 754.67 ng/ml



#35 AR-1260-5

R.T.: 6.286 min
Delta R.T.: 0.000 min
Response: 555361587
Conc: 755.92 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068366.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 14:13
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 06 14:31:44 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Sep 06 14:28:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	363.6E6	365.6E6	50.000	50.000
2)	SA Decachlor...	8.610	7.600	224.8E6	338.9E6	50.000	50.000
	Target Compounds						
3)	L1 AR-1016-1	4.538	3.827	118.6E6	121.7E6	500.000	500.000
4)	L1 AR-1016-2	4.557	3.843	184.3E6	182.0E6	500.000	500.000
5)	L1 AR-1016-3	4.615	4.005	113.3E6	97394883	500.000	500.000
6)	L1 AR-1016-4	4.707	4.053	94519638	80265144	500.000	500.000
7)	L1 AR-1016-5	4.993	4.249	88337812	97495207	500.000	500.000
31)	L7 AR-1260-1	6.094	5.246	169.6E6	192.6E6	500.000	500.000
32)	L7 AR-1260-2	6.353	5.436	192.1E6	231.9E6	500.000	500.000
33)	L7 AR-1260-3	6.707	5.578	119.8E6	220.3E6	500.000	500.000
34)	L7 AR-1260-4	6.923	6.039	142.6E6	163.2E6	500.000	500.000
35)	L7 AR-1260-5	7.234	6.285	273.2E6	373.7E6	500.000	500.000

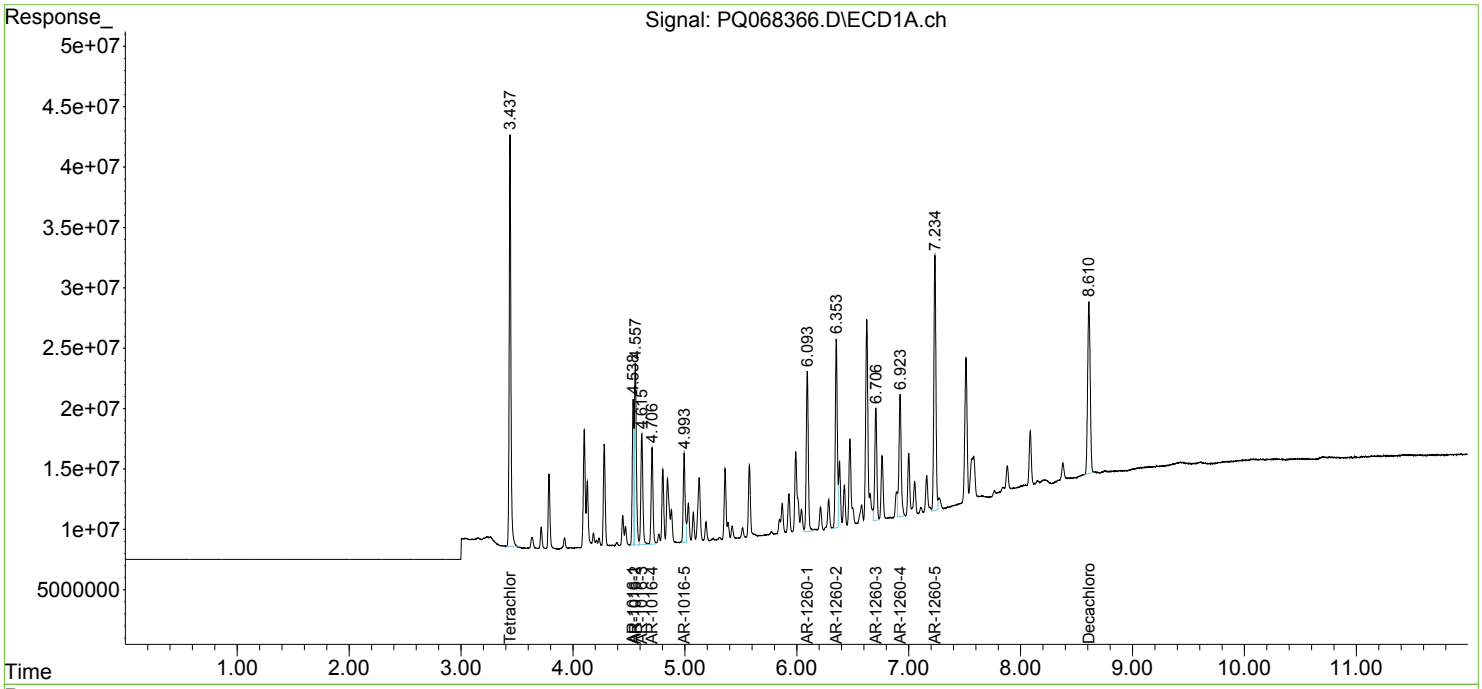
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

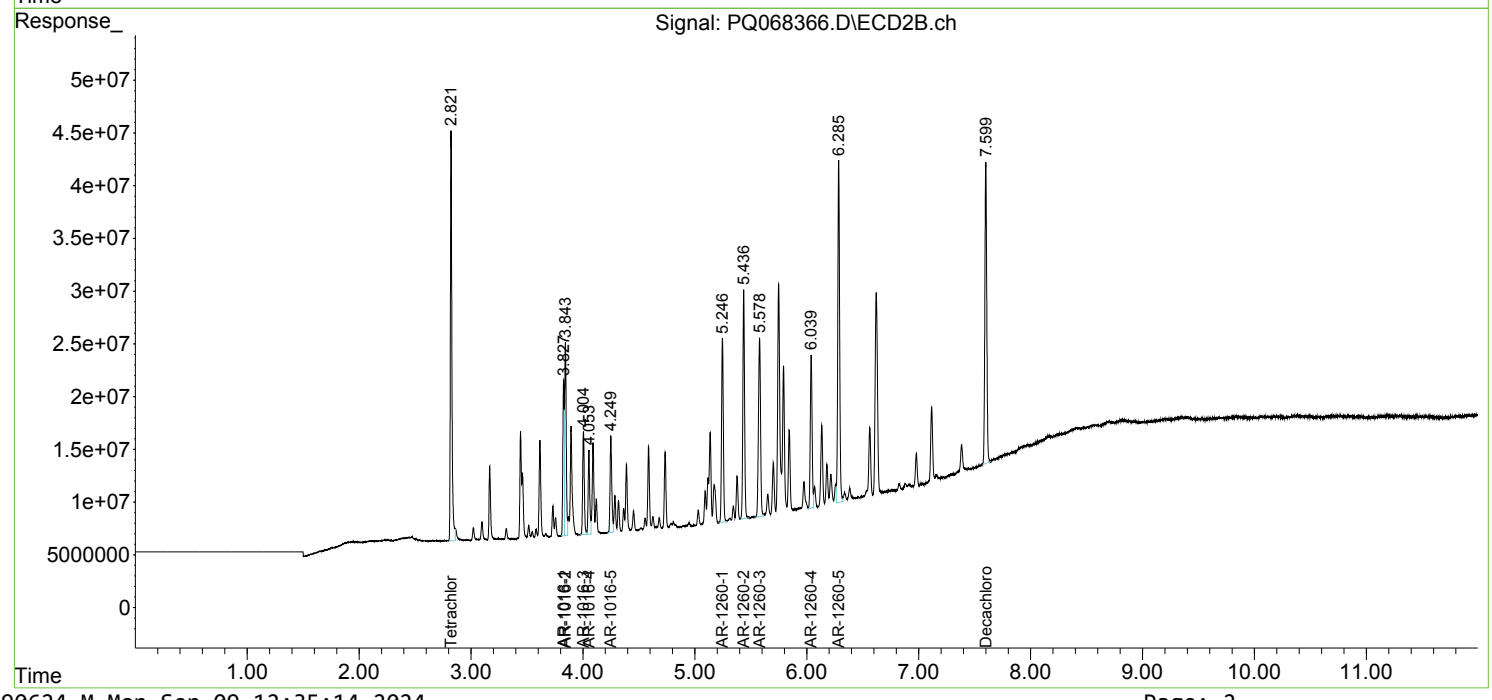
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068366.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 14:13
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

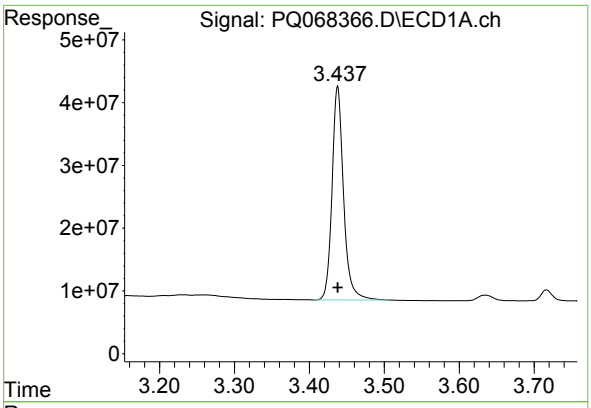
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 06 14:31:44 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Sep 06 14:28:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



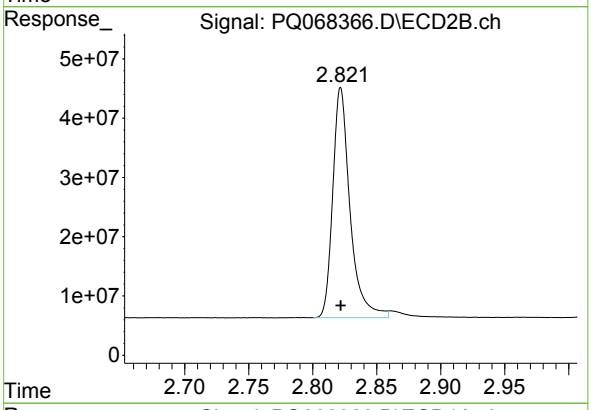




#1 Tetrachloro-m-xylene

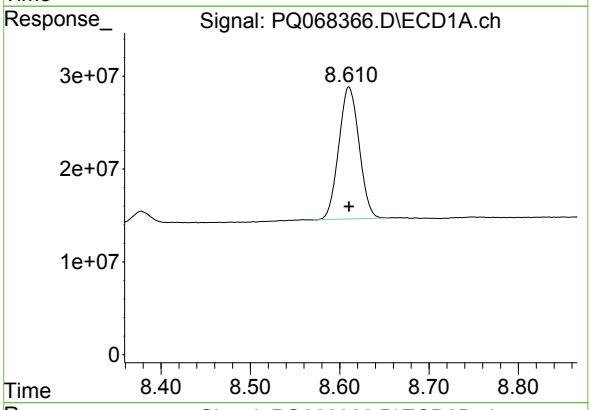
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 363614769
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



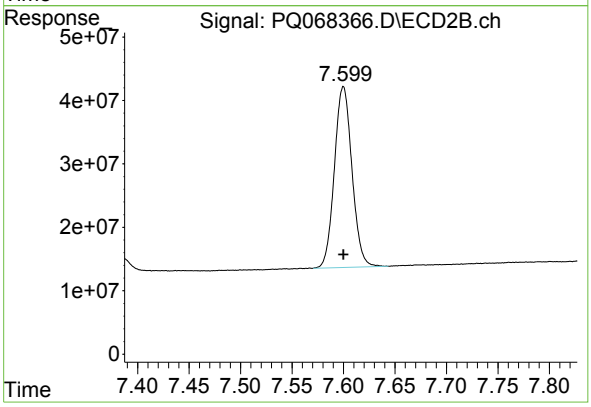
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 365590393
Conc: 50.00 ng/ml



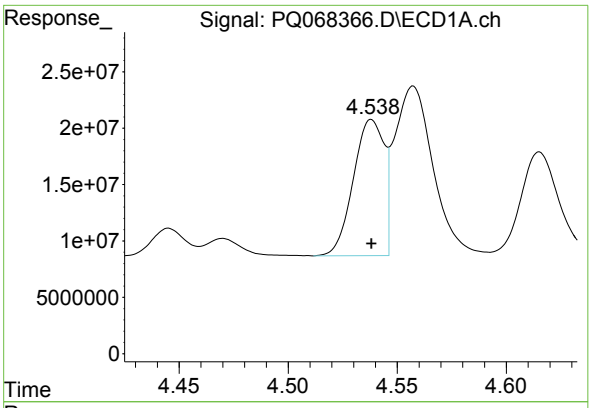
#2 Decachlorobiphenyl

R.T.: 8.610 min
Delta R.T.: 0.000 min
Response: 224831102
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

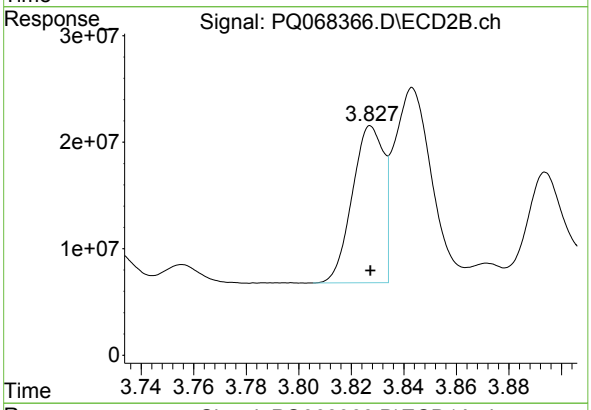
R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 338931672
Conc: 50.00 ng/ml



#3 AR-1016-1

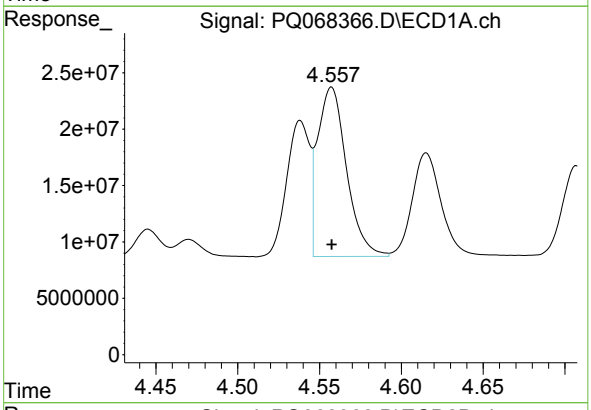
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 118648418
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



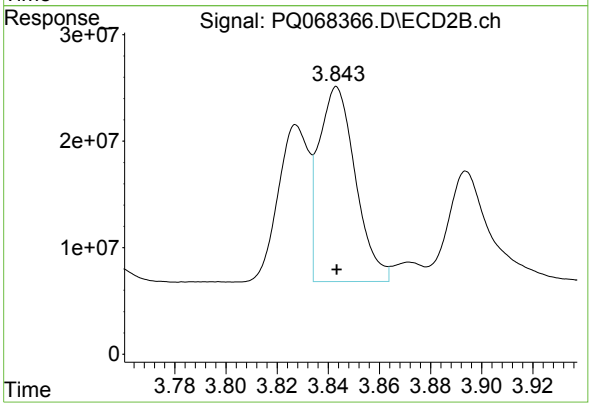
#3 AR-1016-1

R.T.: 3.827 min
Delta R.T.: 0.000 min
Response: 121741299
Conc: 500.00 ng/ml



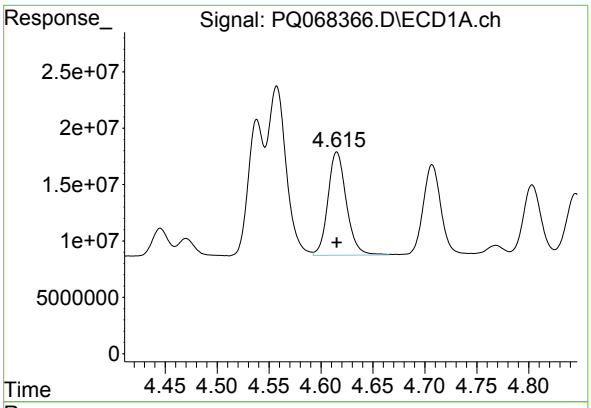
#4 AR-1016-2

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 184282945
Conc: 500.00 ng/ml



#4 AR-1016-2

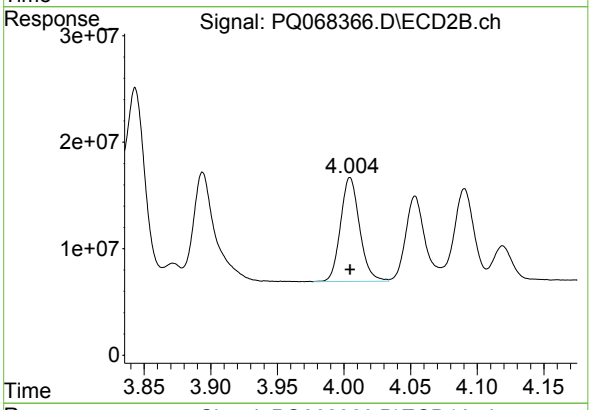
R.T.: 3.843 min
Delta R.T.: 0.000 min
Response: 181985088
Conc: 500.00 ng/ml



#5 AR-1016-3

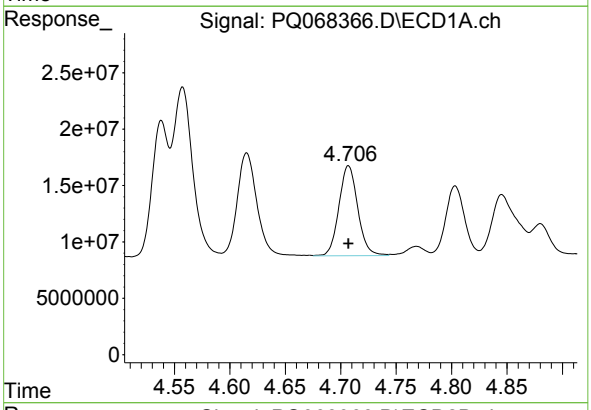
R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 113270080
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



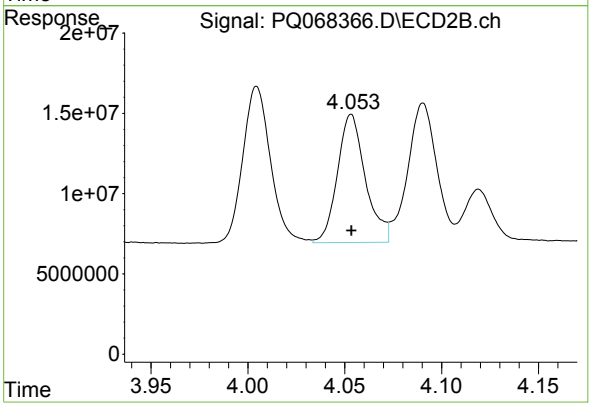
#5 AR-1016-3

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 97394883
Conc: 500.00 ng/ml



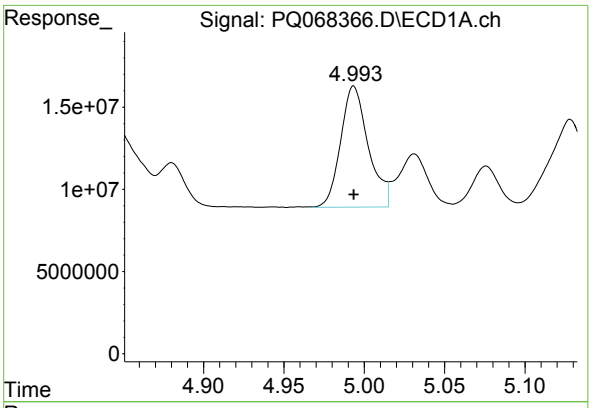
#6 AR-1016-4

R.T.: 4.707 min
Delta R.T.: 0.000 min
Response: 94519638
Conc: 500.00 ng/ml



#6 AR-1016-4

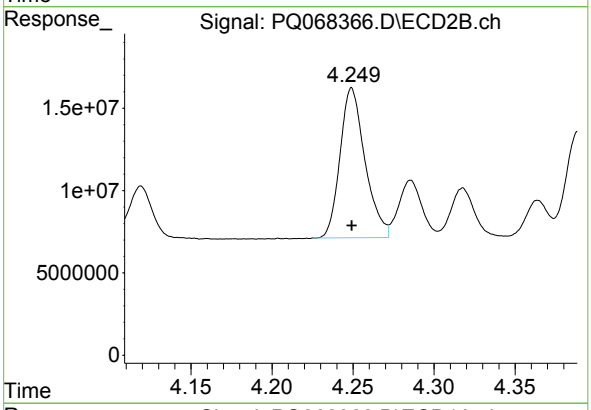
R.T.: 4.053 min
Delta R.T.: 0.000 min
Response: 80265144
Conc: 500.00 ng/ml



#7 AR-1016-5

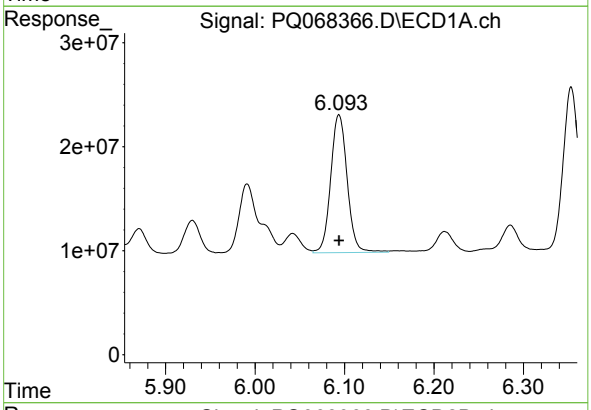
R.T.: 4.993 min
Delta R.T.: 0.000 min
Response: 88337812
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



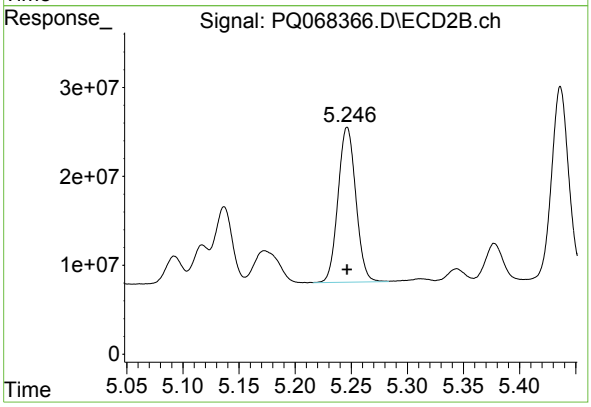
#7 AR-1016-5

R.T.: 4.249 min
Delta R.T.: 0.000 min
Response: 97495207
Conc: 500.00 ng/ml



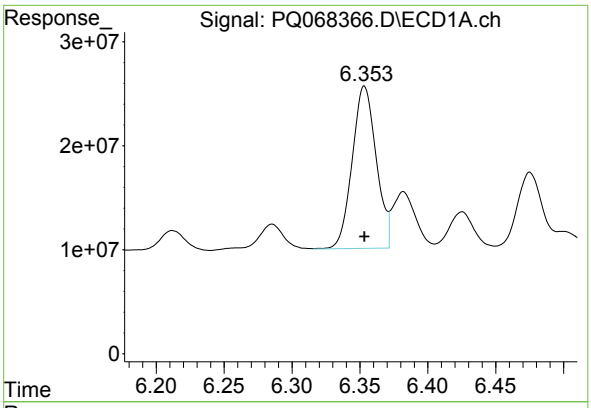
#31 AR-1260-1

R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 169641025
Conc: 500.00 ng/ml



#31 AR-1260-1

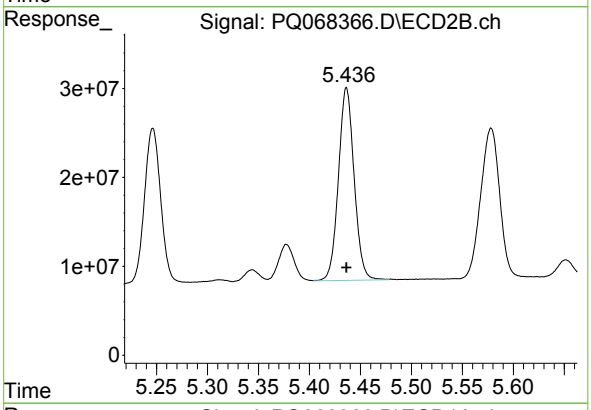
R.T.: 5.246 min
Delta R.T.: 0.000 min
Response: 192645846
Conc: 500.00 ng/ml



#32 AR-1260-2

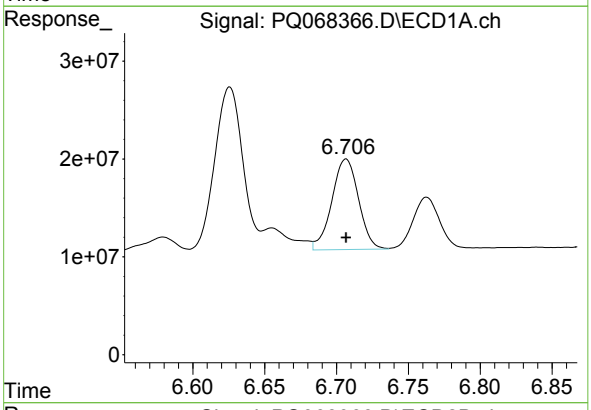
R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 192139725
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



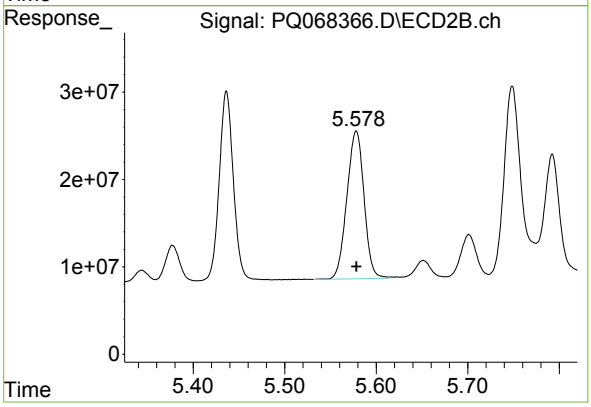
#32 AR-1260-2

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 231904700
Conc: 500.00 ng/ml



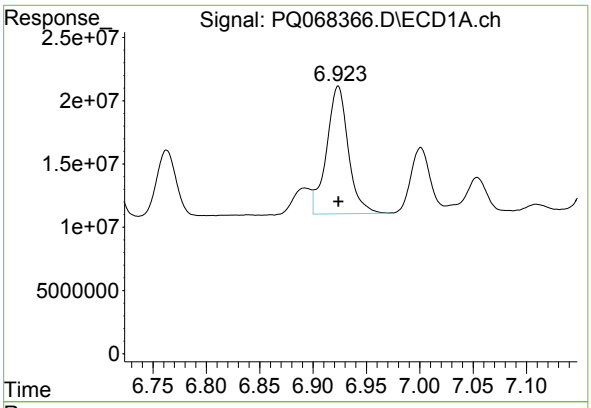
#33 AR-1260-3

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 119801063
Conc: 500.00 ng/ml



#33 AR-1260-3

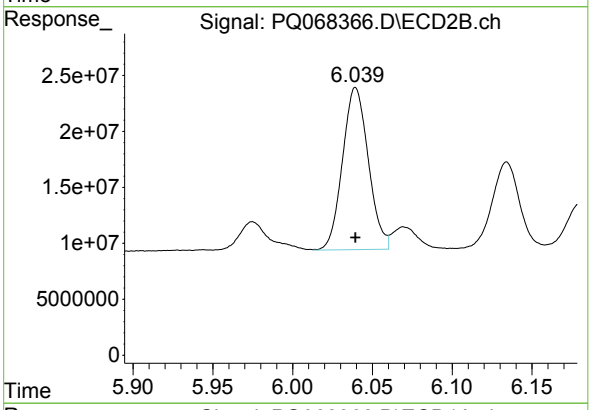
R.T.: 5.578 min
Delta R.T.: 0.000 min
Response: 220326552
Conc: 500.00 ng/ml



#34 AR-1260-4

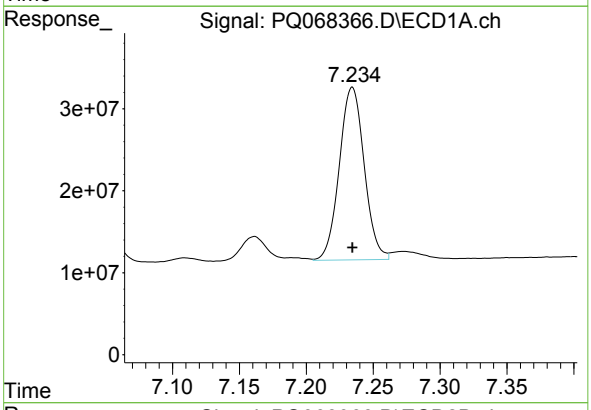
R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 142642543
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



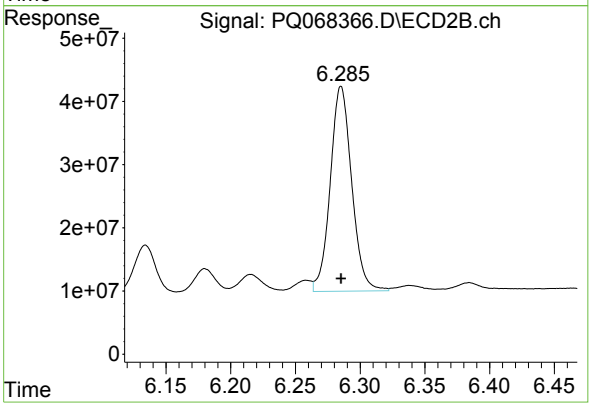
#34 AR-1260-4

R.T.: 6.039 min
Delta R.T.: 0.000 min
Response: 163242512
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 273226756
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 373722409
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068367.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 14:28
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 06 14:42:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Sep 06 14:42:26 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	187.2E6	184.4E6	26.030	25.427
2)	SA Decachlor...	8.611	7.601	113.6E6	172.0E6	25.594	25.817
	Target Compounds						
3)	L1 AR-1016-1	4.539	3.827	61781756	62978004	264.813	263.332
4)	L1 AR-1016-2	4.558	3.843	96313145	95608841	264.779	264.012
5)	L1 AR-1016-3	4.615	4.005	59336989	51349988	266.954	266.220
6)	L1 AR-1016-4	4.708	4.053	49438760	43051387	265.744	269.245
7)	L1 AR-1016-5	4.994	4.249	46649317	50813831	266.809	263.819
31)	L7 AR-1260-1	6.094	5.247	88222744	99570481	265.970	262.089
32)	L7 AR-1260-2	6.354	5.437	98283667	119.6E6	260.015	260.773
33)	L7 AR-1260-3	6.707	5.578	61253254	116.0E6	258.800	263.569
34)	L7 AR-1260-4	6.924	6.041	73496808	84211492	260.362	260.194
35)	L7 AR-1260-5	7.235	6.287	138.5E6	190.4E6	256.079	256.814

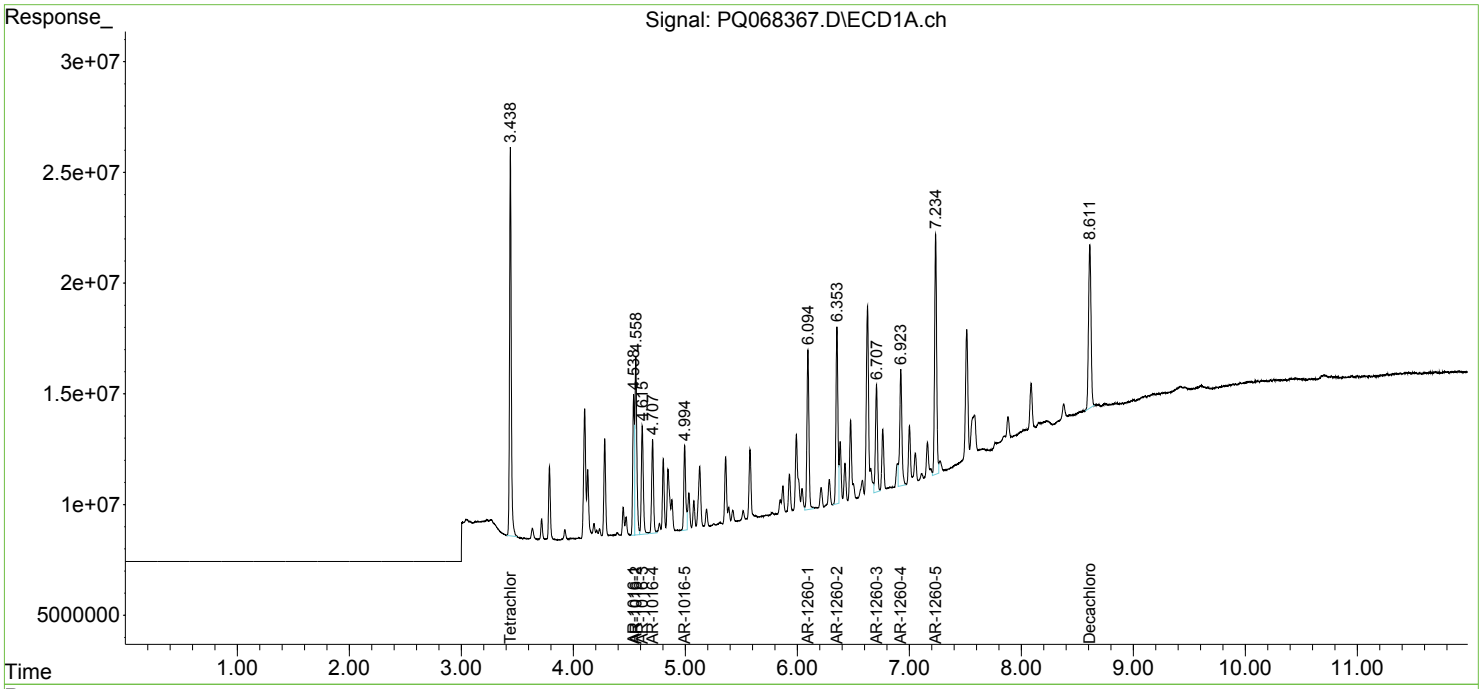
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

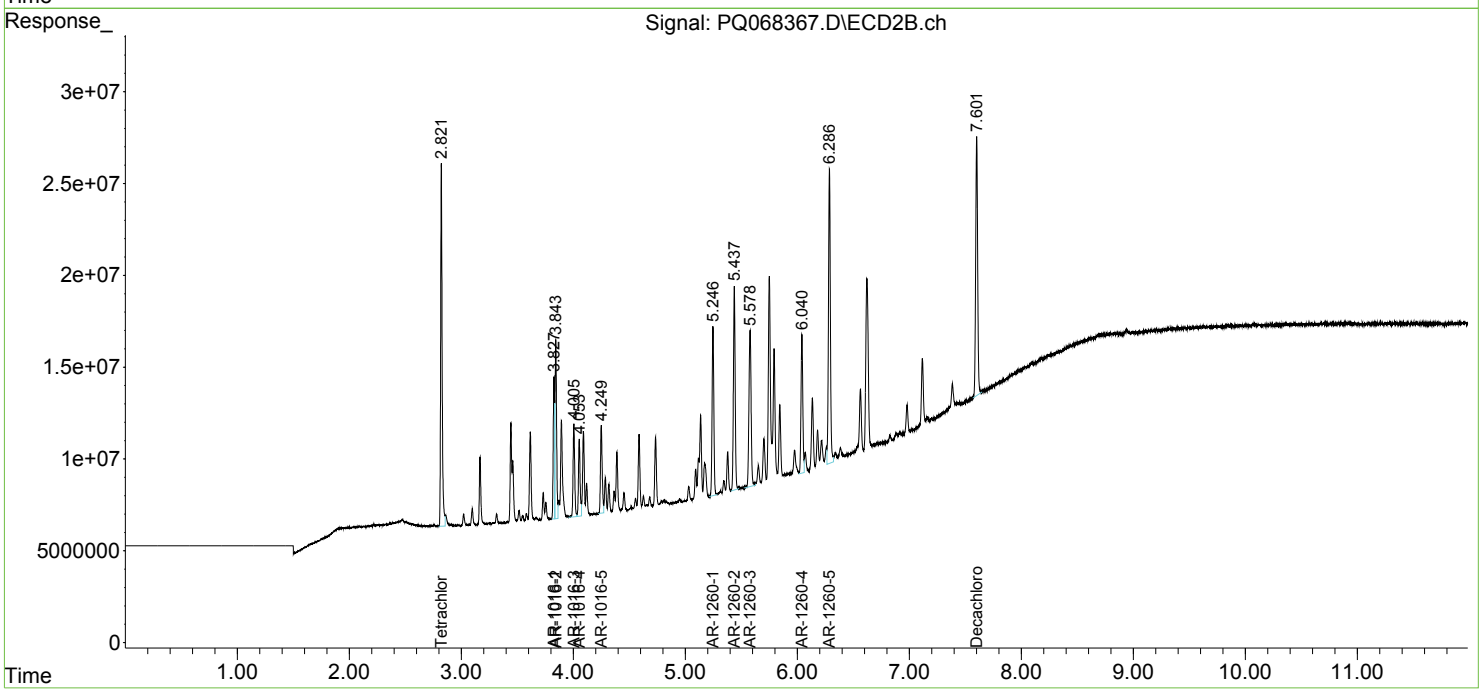
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068367.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 14:28
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

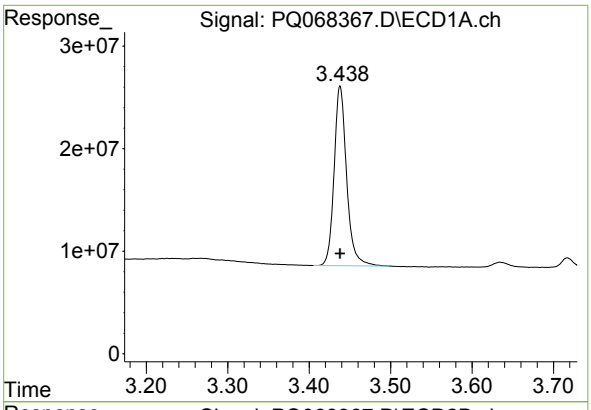
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 06 14:42:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Sep 06 14:42:26 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



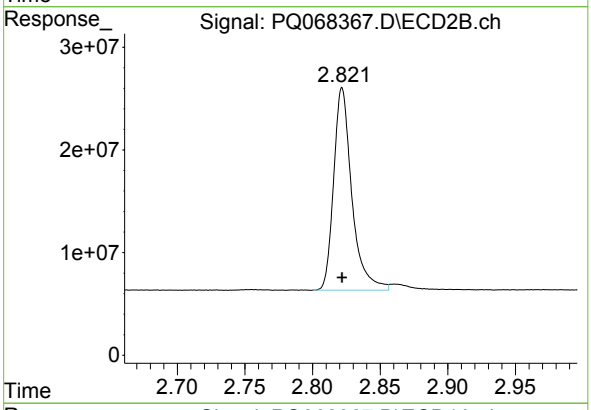




#1 Tetrachloro-m-xylene

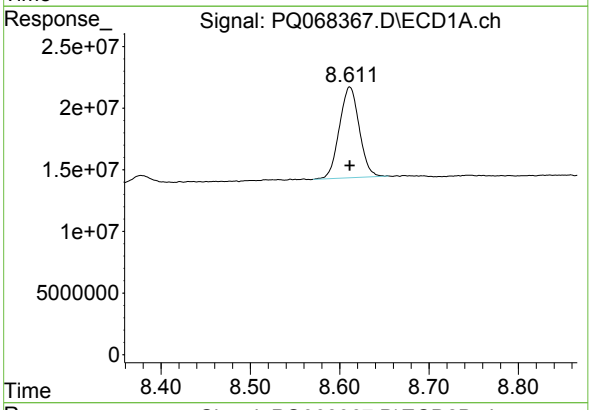
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 187230503
Conc: 26.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



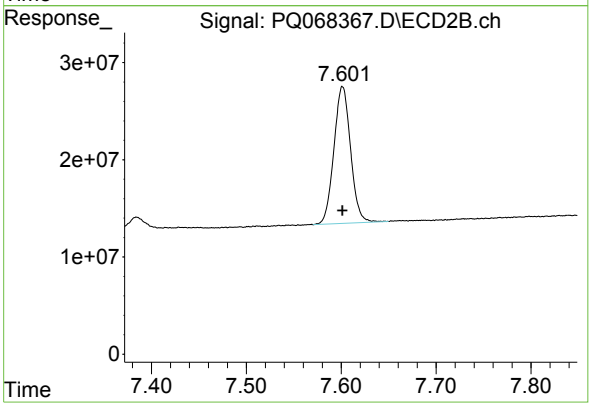
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 184360280
Conc: 25.43 ng/ml



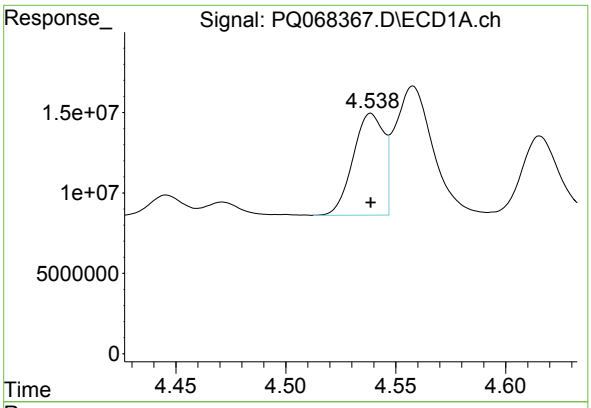
#2 Decachlorobiphenyl

R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 113606930
Conc: 25.59 ng/ml



#2 Decachlorobiphenyl

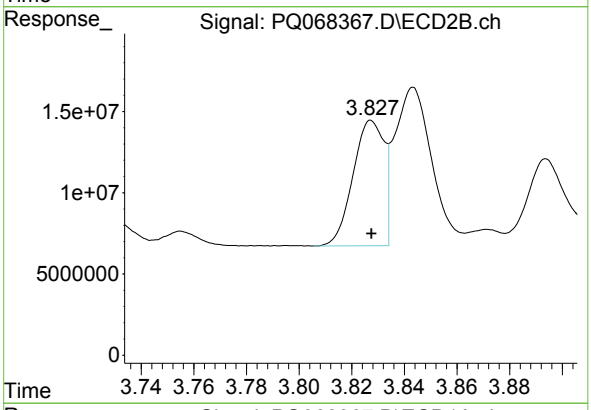
R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 172025051
Conc: 25.82 ng/ml



#3 AR-1016-1

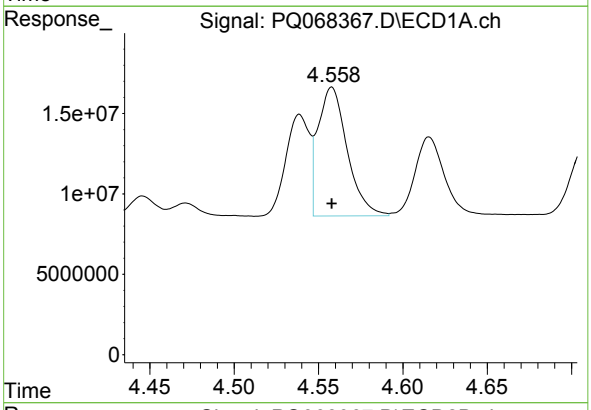
R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 61781756
Conc: 264.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



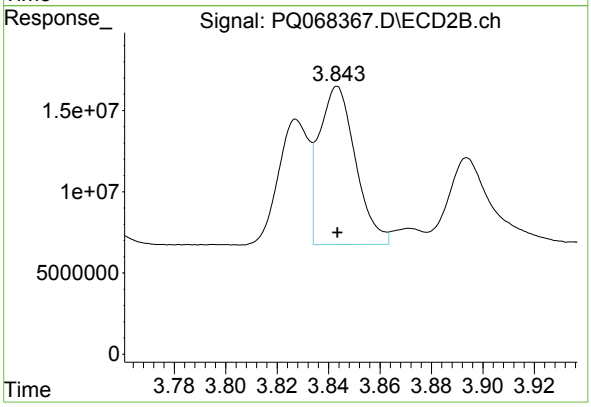
#3 AR-1016-1

R.T.: 3.827 min
Delta R.T.: 0.000 min
Response: 62978004
Conc: 263.33 ng/ml



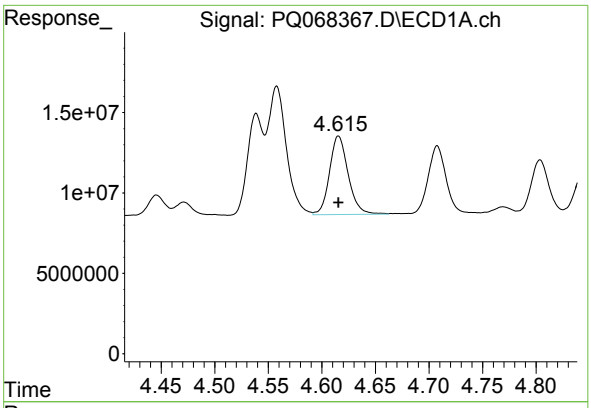
#4 AR-1016-2

R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 96313145
Conc: 264.78 ng/ml



#4 AR-1016-2

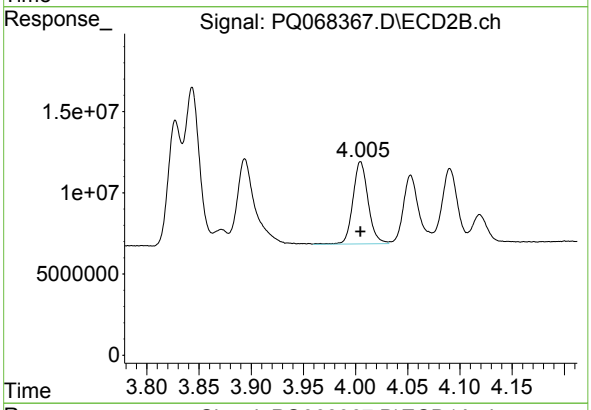
R.T.: 3.843 min
Delta R.T.: 0.000 min
Response: 95608841
Conc: 264.01 ng/ml



#5 AR-1016-3

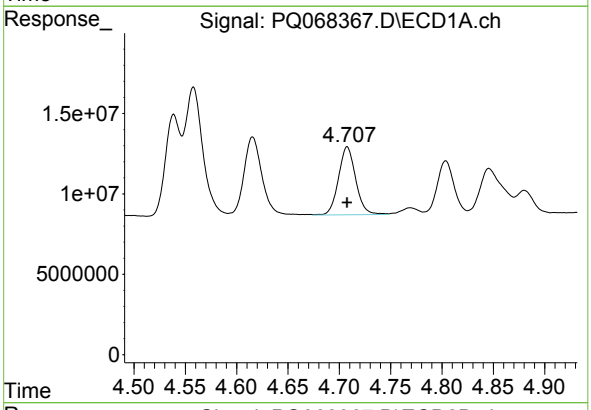
R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 59336989
Conc: 266.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



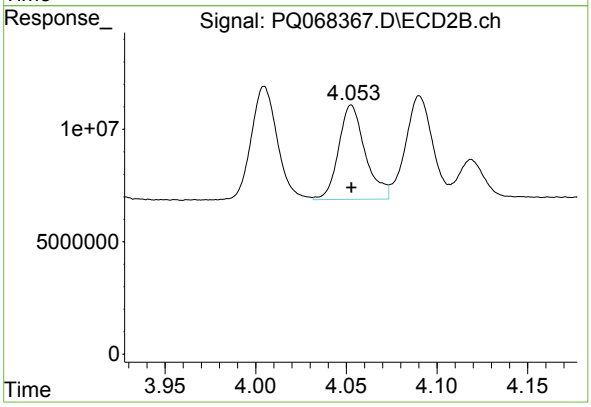
#5 AR-1016-3

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 51349988
Conc: 266.22 ng/ml



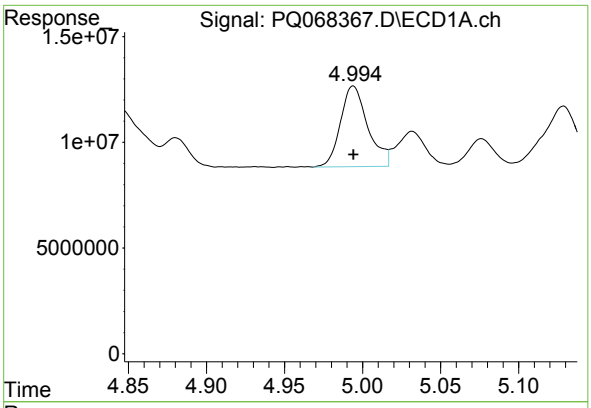
#6 AR-1016-4

R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 49438760
Conc: 265.74 ng/ml



#6 AR-1016-4

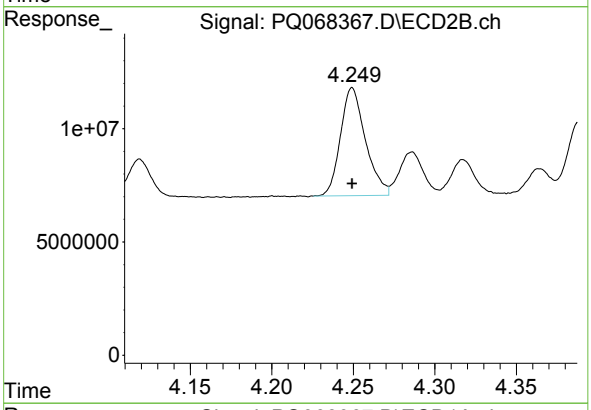
R.T.: 4.053 min
Delta R.T.: 0.000 min
Response: 43051387
Conc: 269.25 ng/ml



#7 AR-1016-5

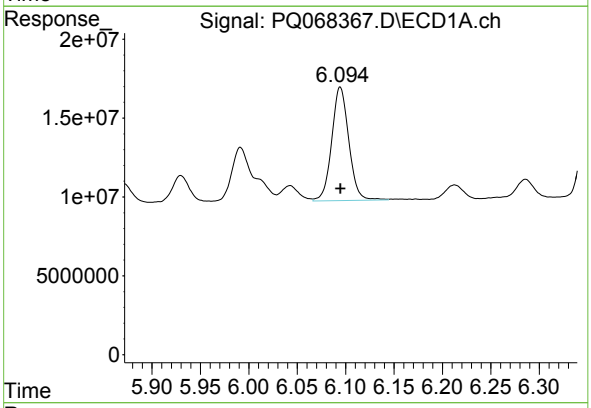
R.T.: 4.994 min
Delta R.T.: 0.000 min
Response: 46649317
Conc: 266.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



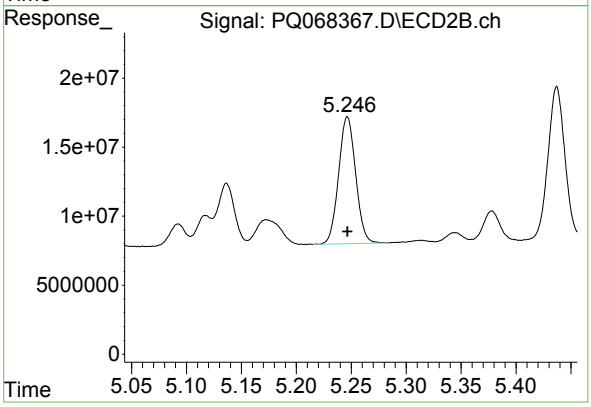
#7 AR-1016-5

R.T.: 4.249 min
Delta R.T.: 0.000 min
Response: 50813831
Conc: 263.82 ng/ml



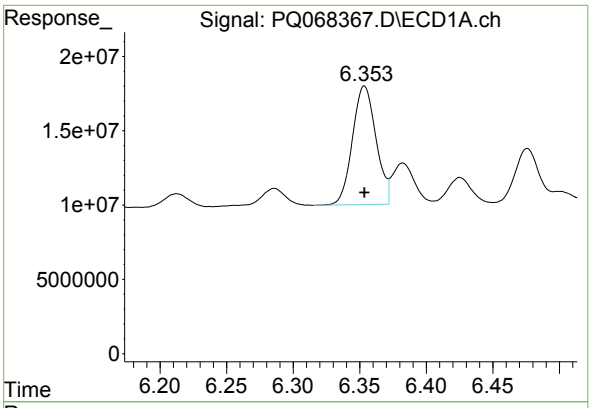
#31 AR-1260-1

R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 88222744
Conc: 265.97 ng/ml



#31 AR-1260-1

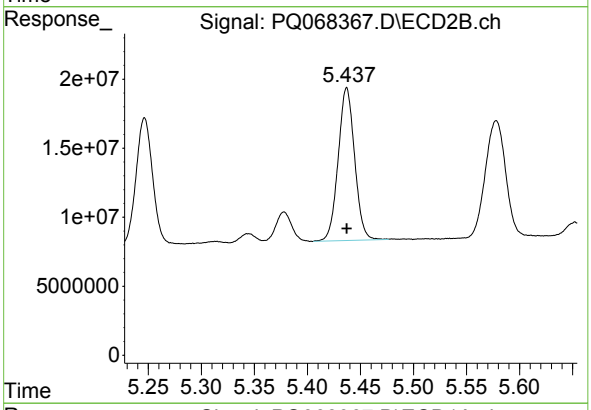
R.T.: 5.247 min
Delta R.T.: 0.000 min
Response: 99570481
Conc: 262.09 ng/ml



#32 AR-1260-2

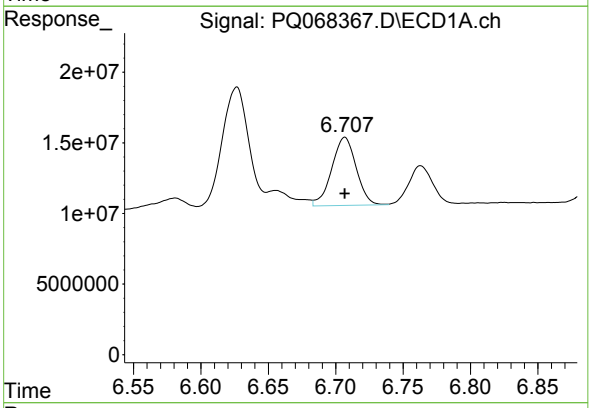
R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 98283667
Conc: 260.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



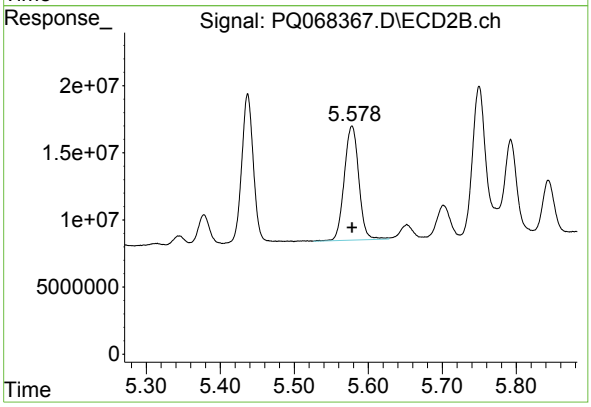
#32 AR-1260-2

R.T.: 5.437 min
Delta R.T.: 0.000 min
Response: 119555549
Conc: 260.77 ng/ml



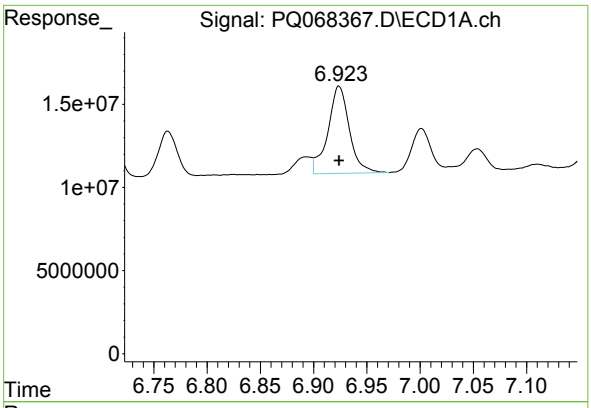
#33 AR-1260-3

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 61253254
Conc: 258.80 ng/ml



#33 AR-1260-3

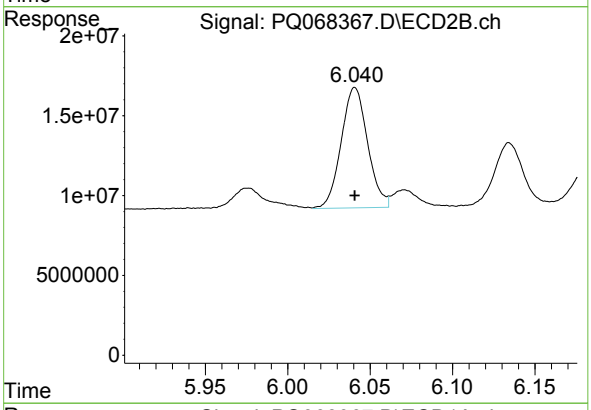
R.T.: 5.578 min
Delta R.T.: 0.000 min
Response: 115986811
Conc: 263.57 ng/ml



#34 AR-1260-4

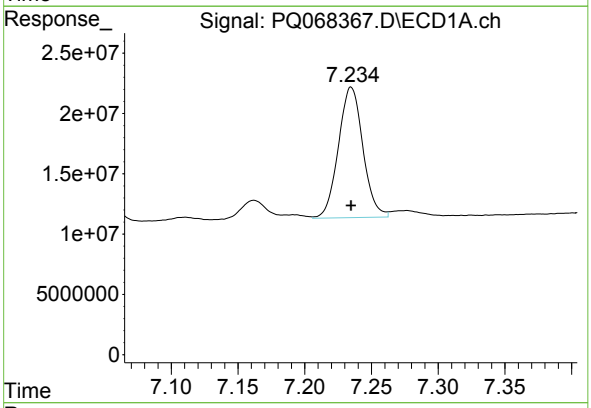
R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 73496808
Conc: 260.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



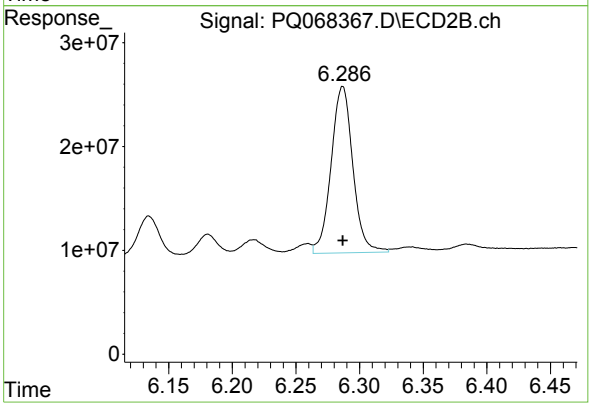
#34 AR-1260-4

R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 84211492
Conc: 260.19 ng/ml



#35 AR-1260-5

R.T.: 7.235 min
Delta R.T.: 0.000 min
Response: 138506530
Conc: 256.08 ng/ml



#35 AR-1260-5

R.T.: 6.287 min
Delta R.T.: 0.000 min
Response: 190405539
Conc: 256.81 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068368.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 14:43
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 06 14:57:01 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Sep 06 14:56:45 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	34660784	33046178	4.854	4.640
2)	SA Decachlor...	8.610	7.601	20179405	31829574	4.630	4.820
	Target Compounds						
3)	L1 AR-1016-1	4.539	3.828	11755547	11535742	50.309	48.578
4)	L1 AR-1016-2	4.559	3.844	19039412	17910426	51.856	49.565
5)	L1 AR-1016-3	4.616	4.005	12053741	9981035	53.327	51.387
6)	L1 AR-1016-4	4.708	4.053	10390574	8394944	54.574	51.982
7)	L1 AR-1016-5	4.995	4.249	9233314	9765796	52.120m	50.561
31)	L7 AR-1260-1	6.094	5.246	16797313	20014056	50.230m	52.122
32)	L7 AR-1260-2	6.353	5.436	18108194	22256417	48.229m	48.830
33)	L7 AR-1260-3	6.707	5.579	11416335	20941269	48.578	48.051
34)	L7 AR-1260-4	6.925	6.041	12819439	15593957	46.262	48.535
35)	L7 AR-1260-5	7.234	6.285	25440148	33899424	47.600	46.519

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068368.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 14:43
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

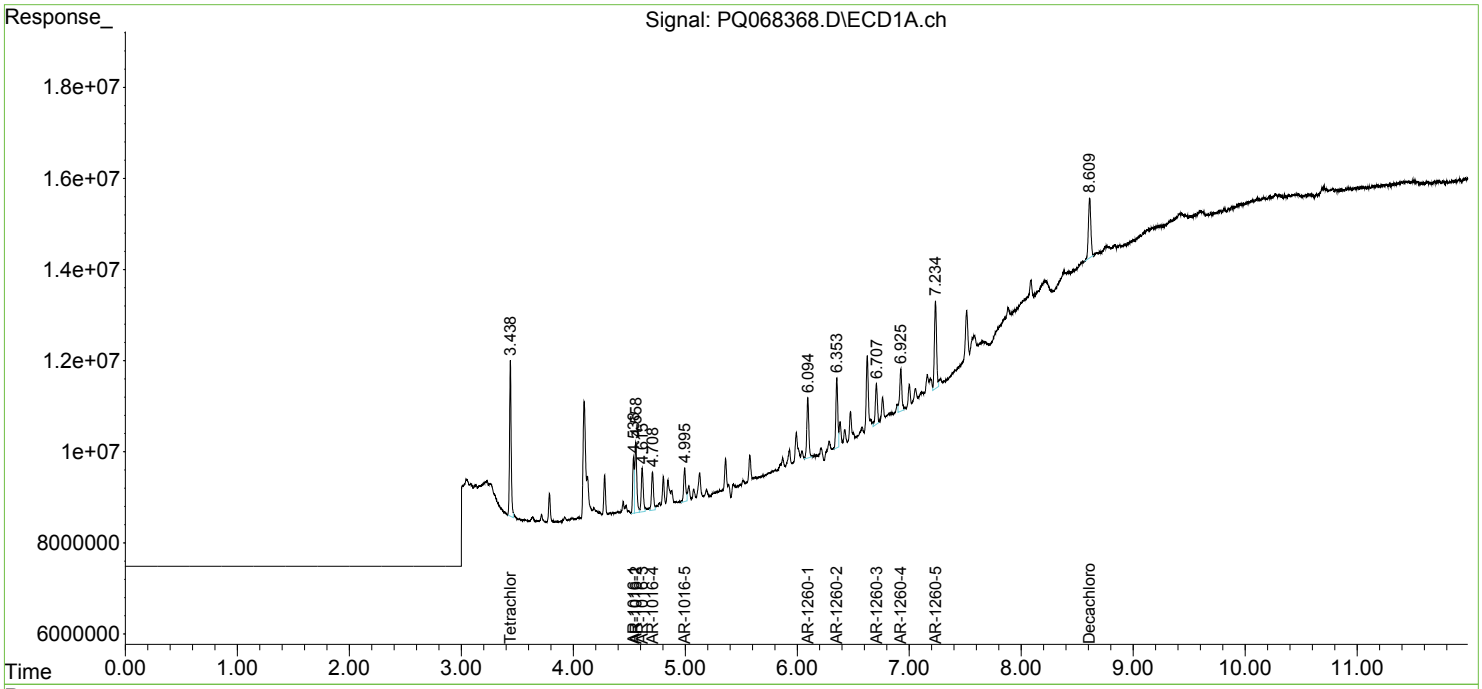
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

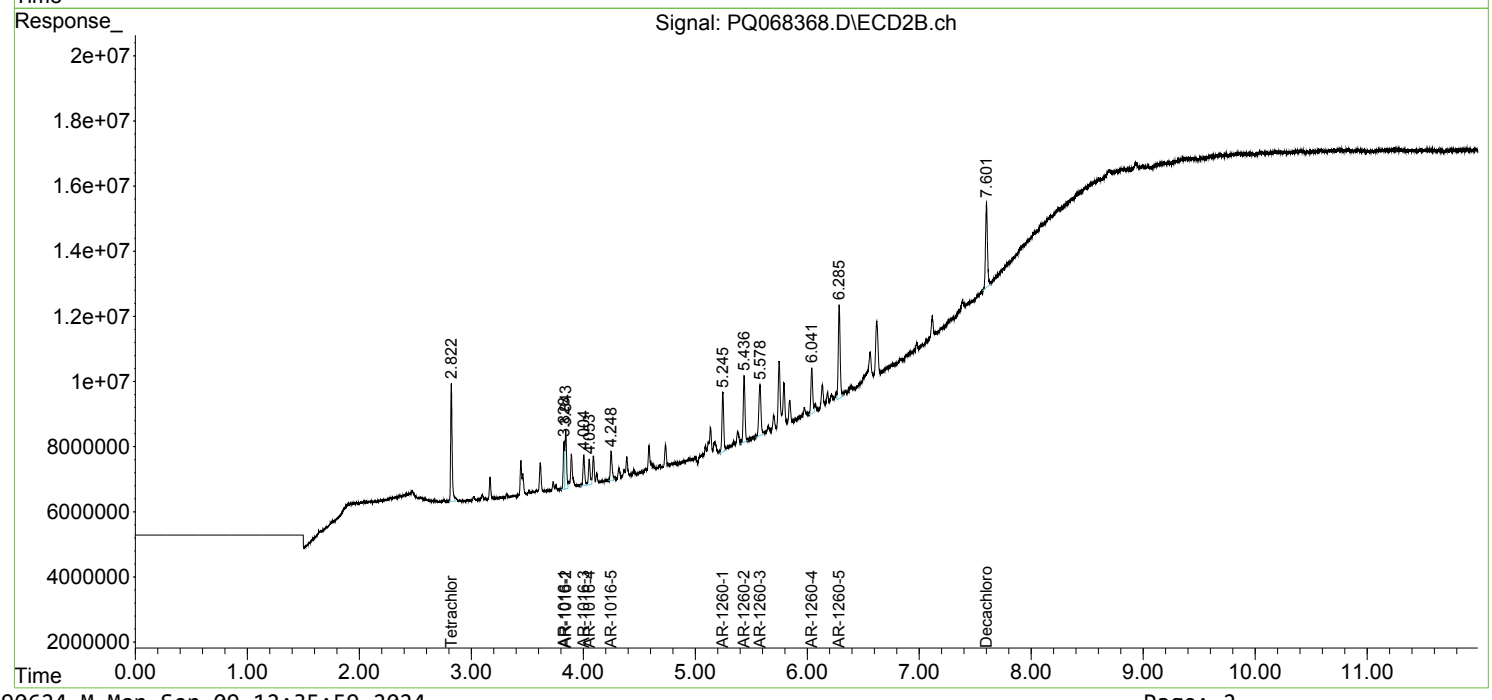
Manual Integrations APPROVED

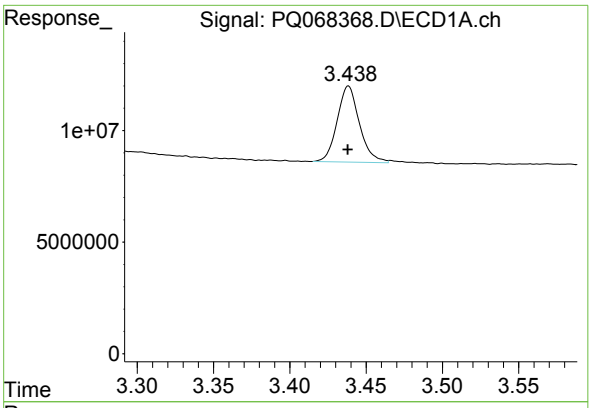
Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 06 14:57:01 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Sep 06 14:56:45 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







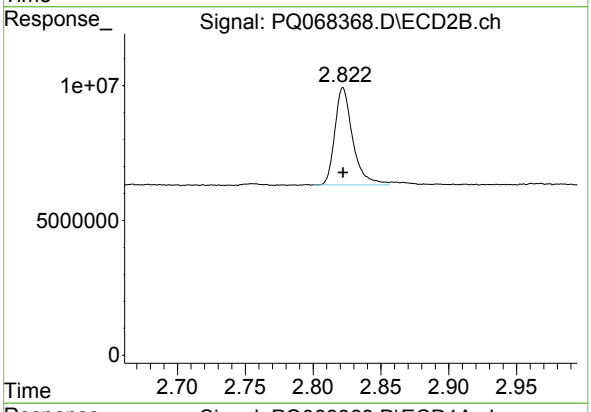
#1 Tetrachloro-m-xylene

R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 34660784
Conc: 4.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

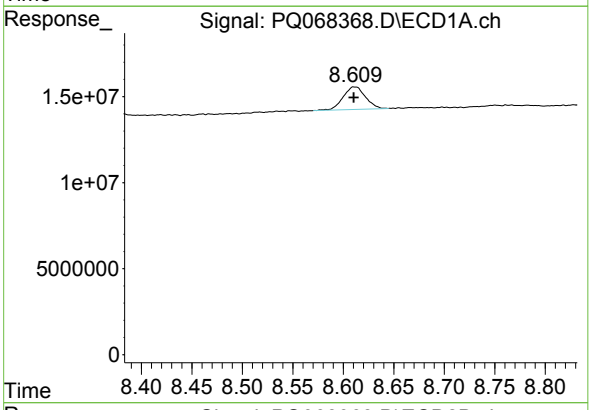
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



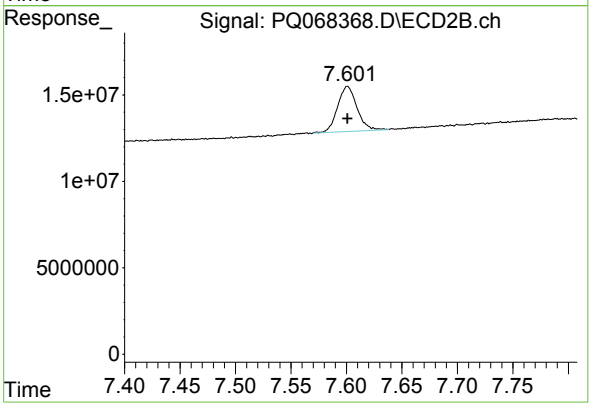
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 33046178
Conc: 4.64 ng/ml



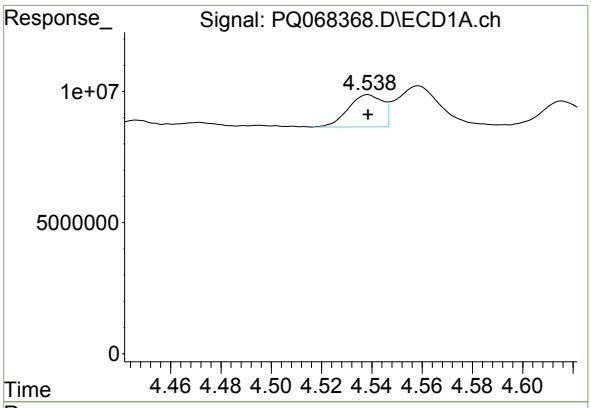
#2 Decachlorobiphenyl

R.T.: 8.610 min
Delta R.T.: 0.000 min
Response: 20179405
Conc: 4.63 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 31829574
Conc: 4.82 ng/ml



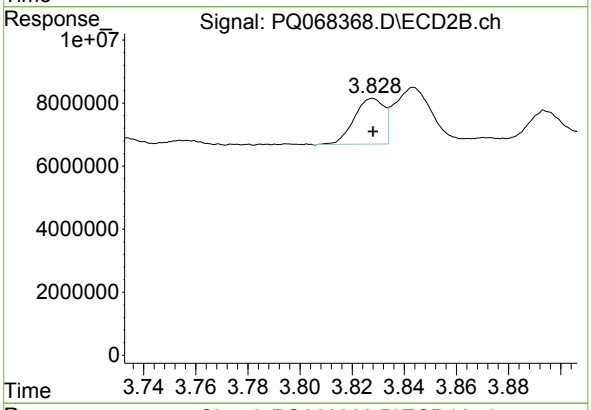
#3 AR-1016-1

R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 11755547
Conc: 50.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

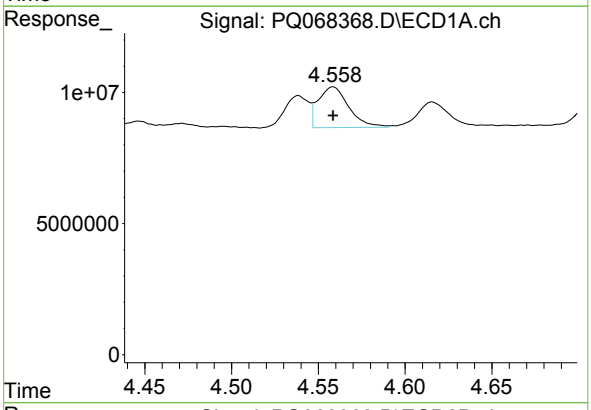
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



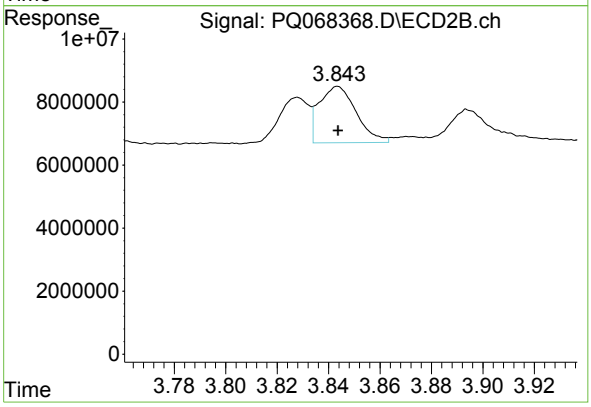
#3 AR-1016-1

R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 11535742
Conc: 48.58 ng/ml



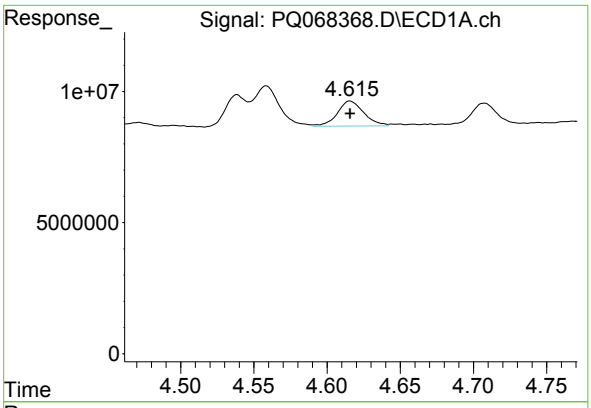
#4 AR-1016-2

R.T.: 4.559 min
Delta R.T.: 0.000 min
Response: 19039412
Conc: 51.86 ng/ml



#4 AR-1016-2

R.T.: 3.844 min
Delta R.T.: 0.000 min
Response: 17910426
Conc: 49.57 ng/ml



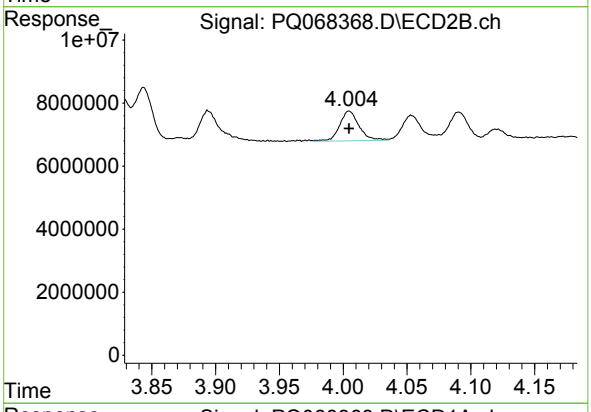
#5 AR-1016-3

R.T.: 4.616 min
Delta R.T.: 0.000 min
Response: 12053741
Conc: 53.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

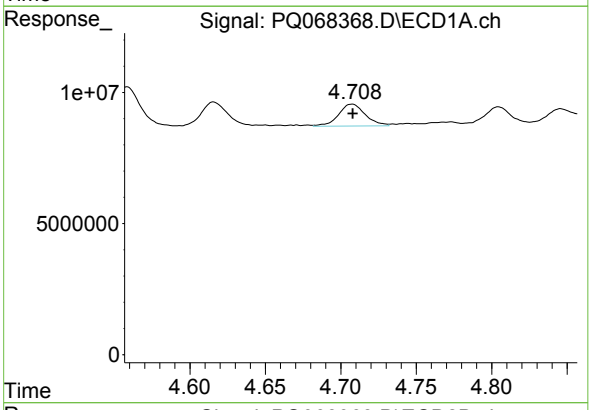
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



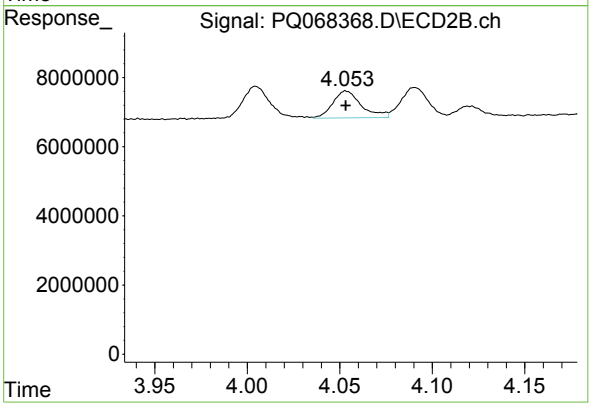
#5 AR-1016-3

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 9981035
Conc: 51.39 ng/ml



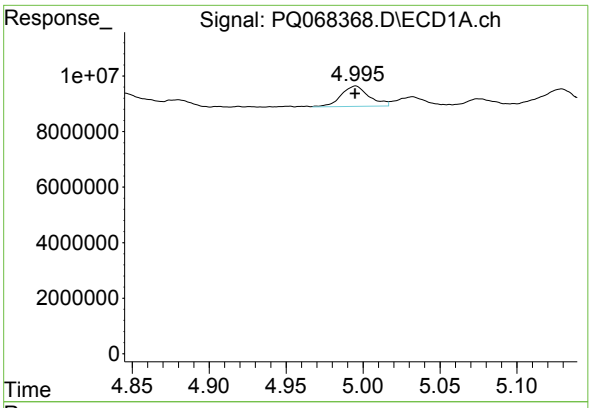
#6 AR-1016-4

R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 10390574
Conc: 54.57 ng/ml



#6 AR-1016-4

R.T.: 4.053 min
Delta R.T.: 0.000 min
Response: 8394944
Conc: 51.98 ng/ml



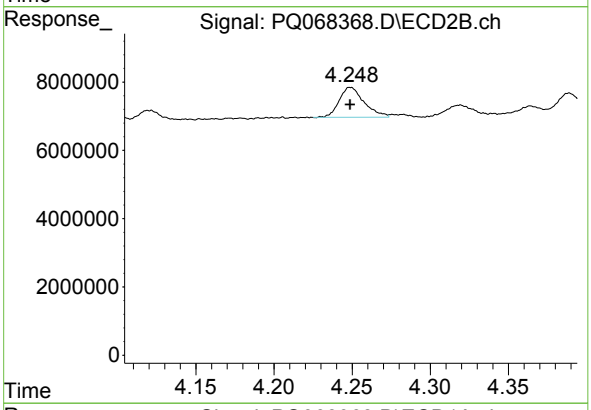
#7 AR-1016-5

R.T.: 4.995 min
Delta R.T.: 0.000 min
Response: 9233314
Conc: 52.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

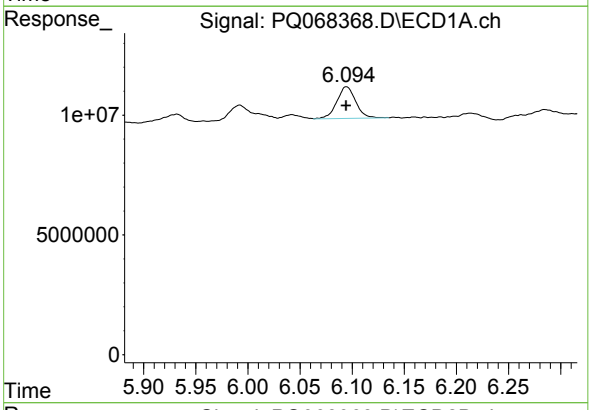
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



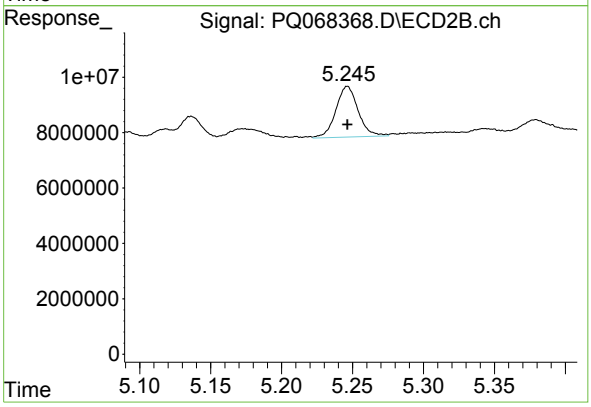
#7 AR-1016-5

R.T.: 4.249 min
Delta R.T.: 0.000 min
Response: 9765796
Conc: 50.56 ng/ml



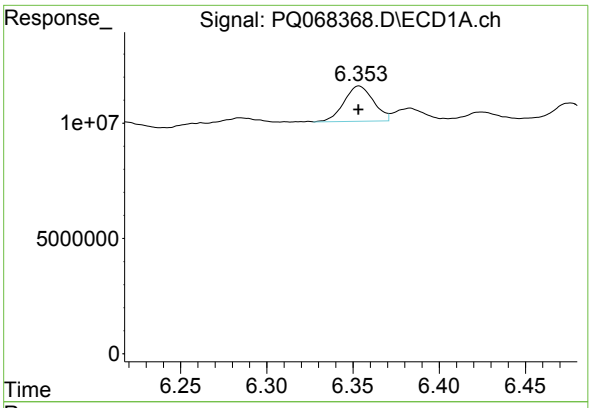
#31 AR-1260-1

R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 16797313
Conc: 50.23 ng/ml m



#31 AR-1260-1

R.T.: 5.246 min
Delta R.T.: 0.000 min
Response: 20014056
Conc: 52.12 ng/ml



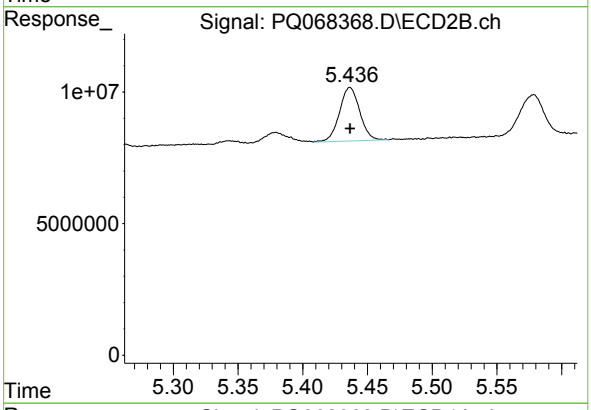
#32 AR-1260-2

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 18108194
Conc: 48.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

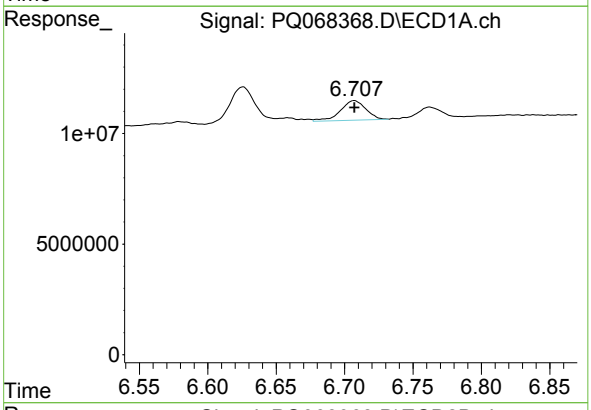
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



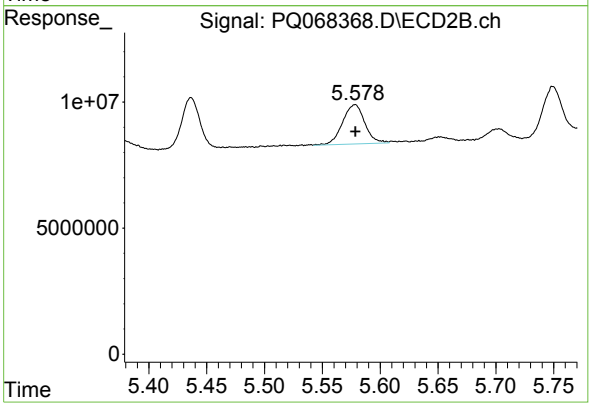
#32 AR-1260-2

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 22256417
Conc: 48.83 ng/ml



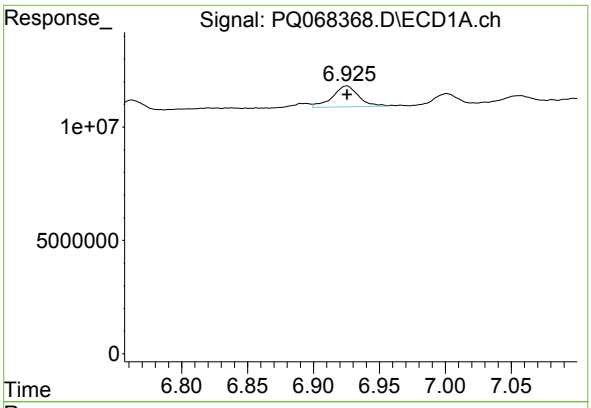
#33 AR-1260-3

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 11416335
Conc: 48.58 ng/ml



#33 AR-1260-3

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 20941269
Conc: 48.05 ng/ml



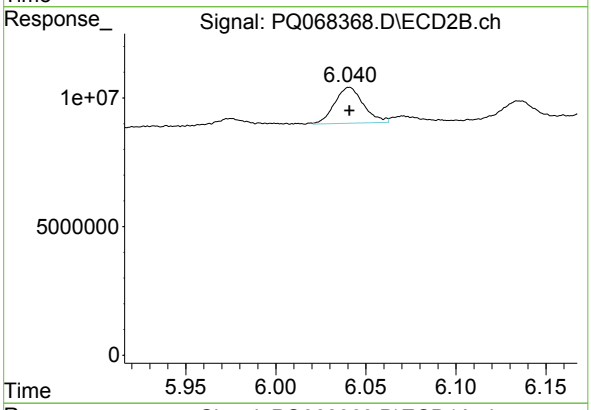
#34 AR-1260-4

R.T.: 6.925 min
Delta R.T.: 0.000 min
Response: 12819439
Conc: 46.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

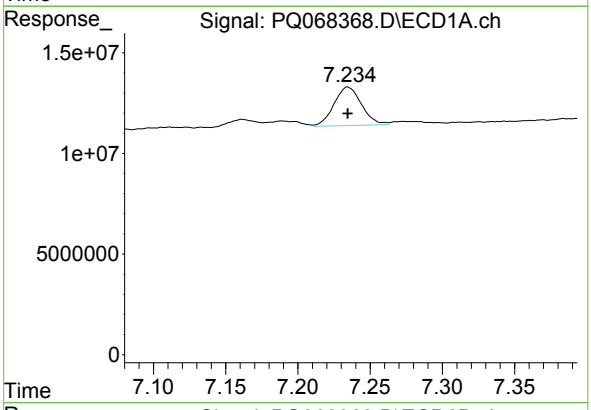
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



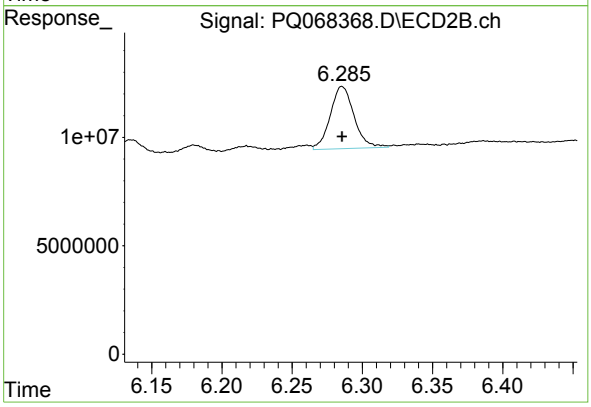
#34 AR-1260-4

R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 15593957
Conc: 48.53 ng/ml



#35 AR-1260-5

R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 25440148
Conc: 47.60 ng/ml



#35 AR-1260-5

R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 33899424
Conc: 46.52 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068369.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 14:57
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 06 16:14:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Sep 06 16:12:37 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	365.4E6	353.4E6	50.000	50.000
2)	SA Decachlor...	8.611	7.602	214.8E6	327.3E6	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	3.638	3.022	41967651	45555356	500.000	500.000
9)	L2 AR-1221-2	3.717	3.099	32357198	36113176	500.000	500.000
10)	L2 AR-1221-3	3.787	3.167	98420780	101.2E6	500.000	500.000

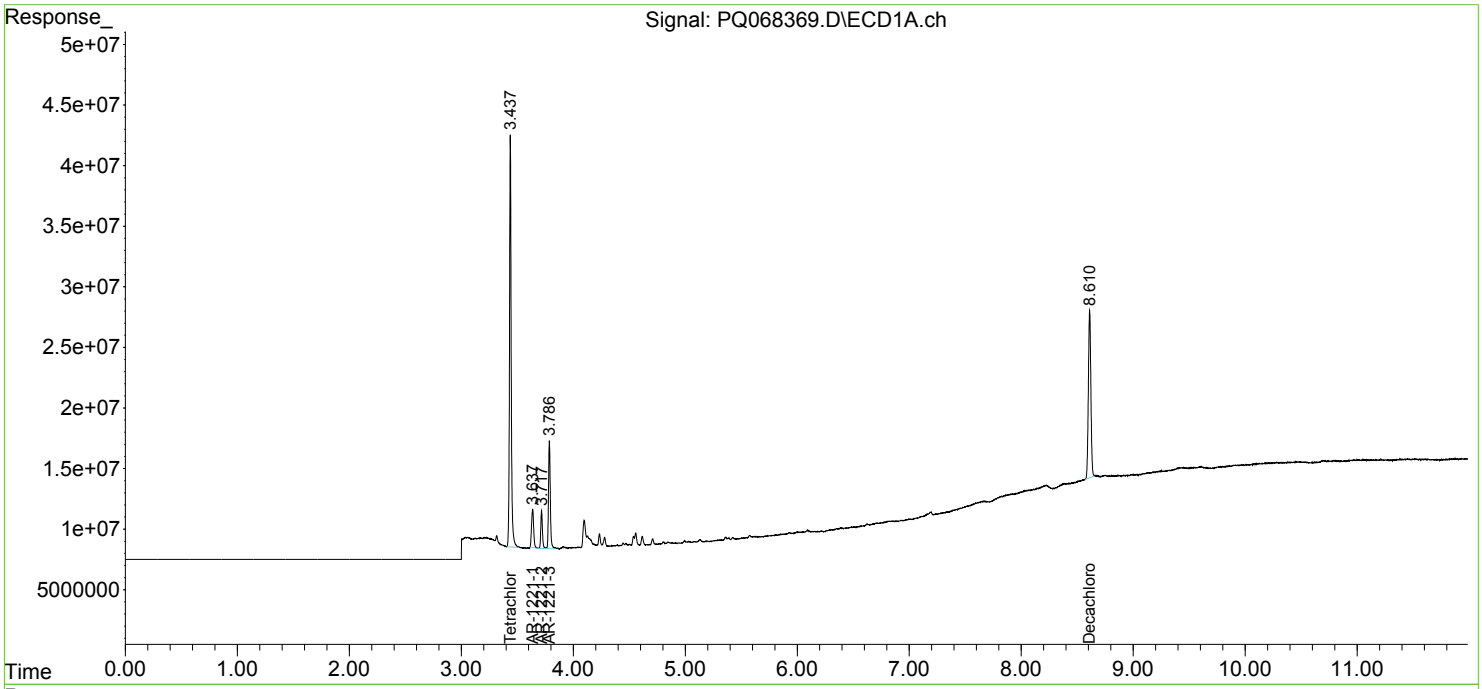
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

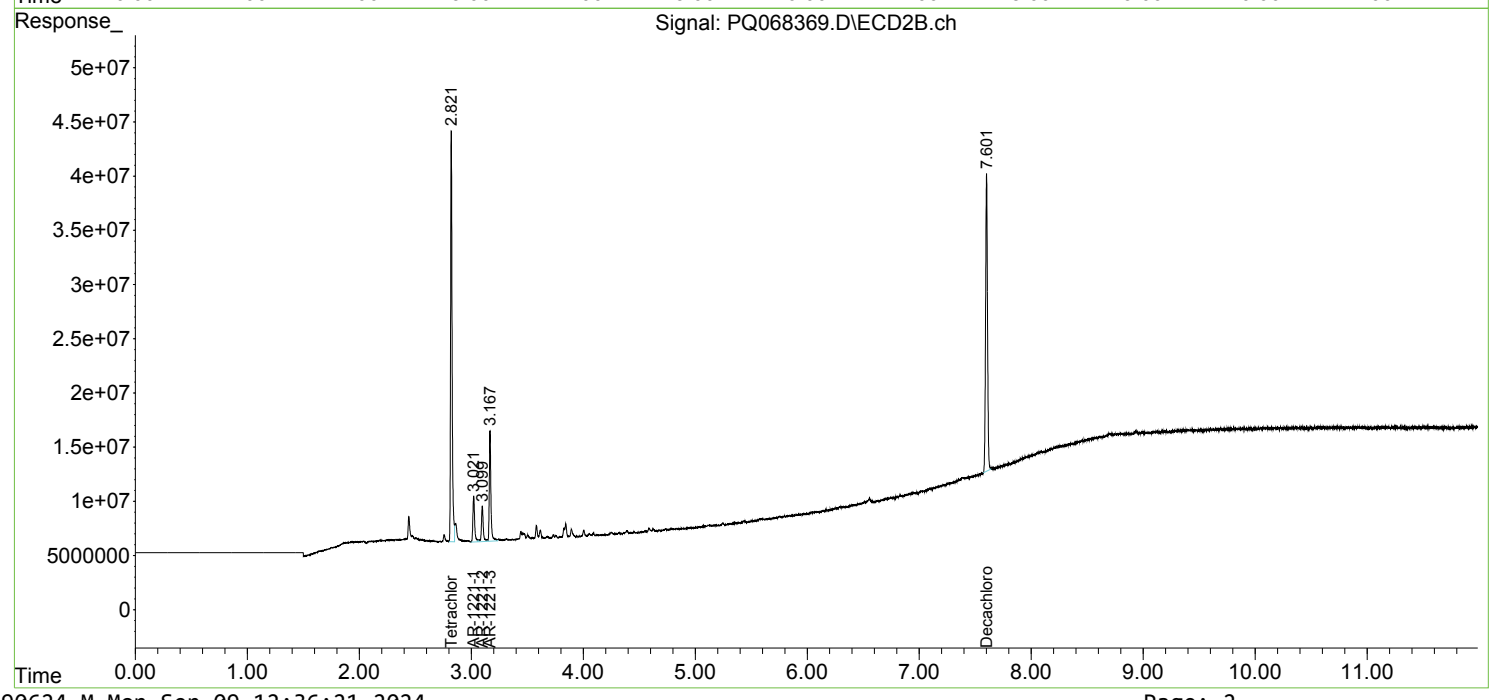
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068369.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 14:57
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

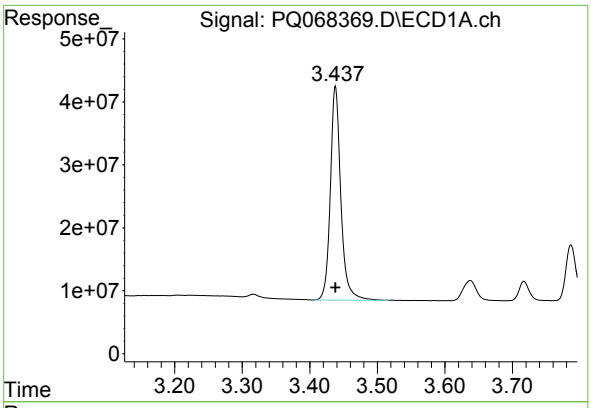
Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 06 16:14:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Sep 06 16:12:37 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



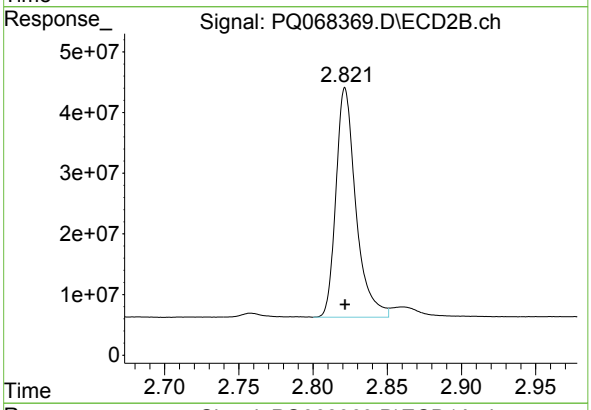




#1 Tetrachloro-m-xylene

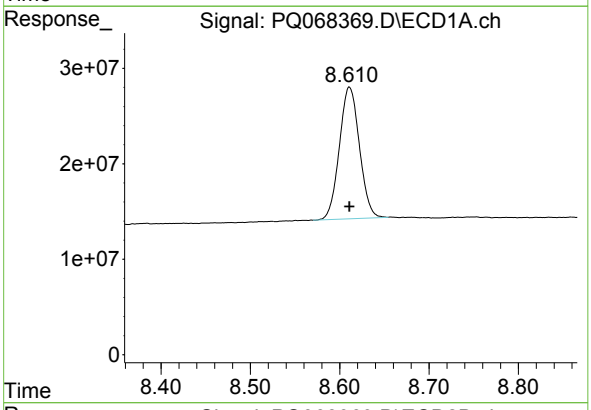
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 365371711
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500



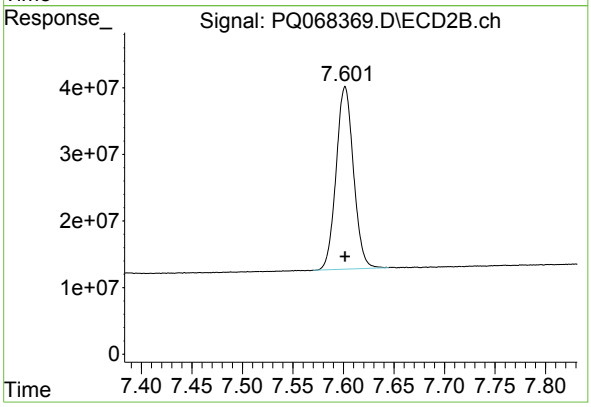
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 353421829
Conc: 50.00 ng/ml



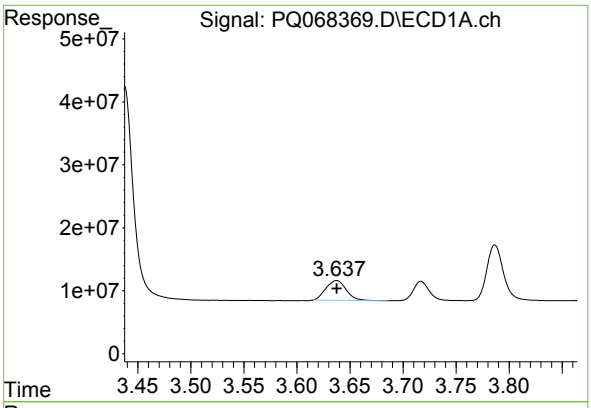
#2 Decachlorobiphenyl

R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 214831742
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

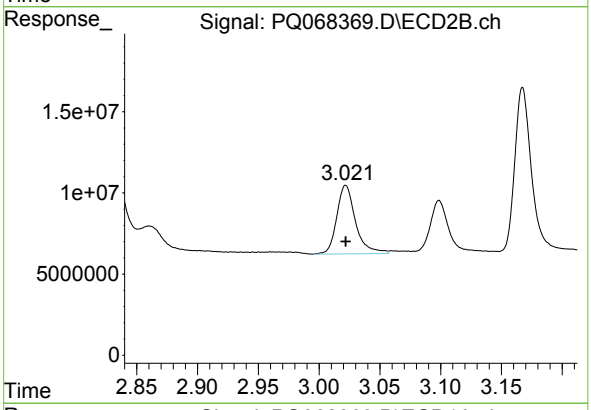
R.T.: 7.602 min
Delta R.T.: 0.000 min
Response: 327296477
Conc: 50.00 ng/ml



#8 AR-1221-1

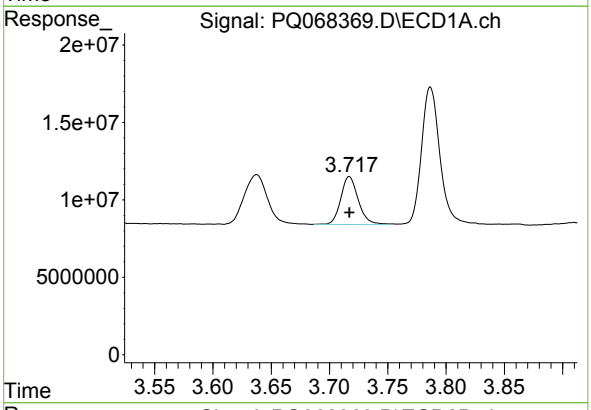
R.T.: 3.638 min
Delta R.T.: 0.000 min
Response: 41967651
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500



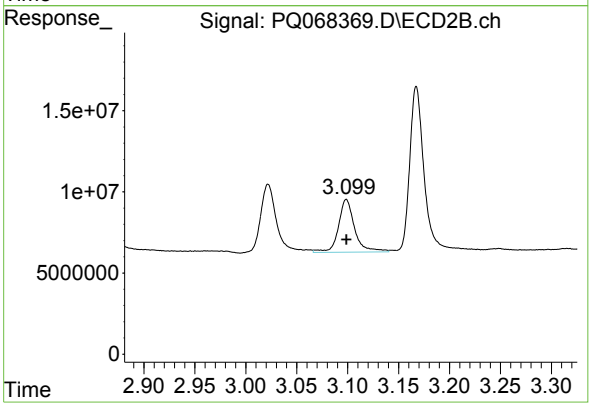
#8 AR-1221-1

R.T.: 3.022 min
Delta R.T.: 0.000 min
Response: 45555356
Conc: 500.00 ng/ml



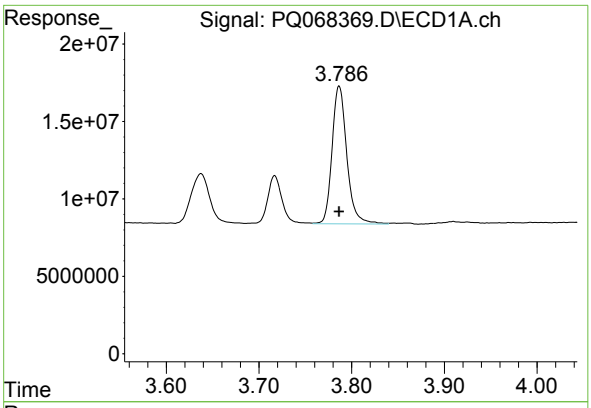
#9 AR-1221-2

R.T.: 3.717 min
Delta R.T.: 0.000 min
Response: 32357198
Conc: 500.00 ng/ml



#9 AR-1221-2

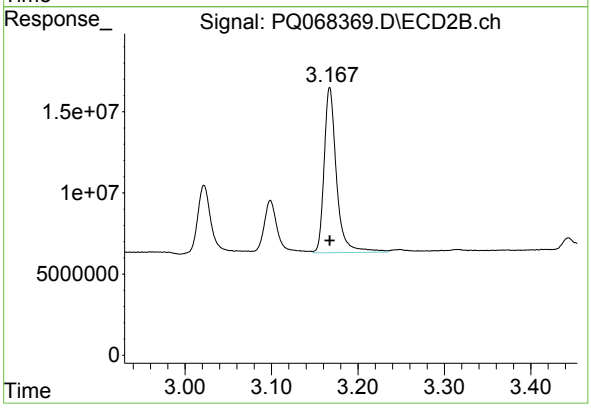
R.T.: 3.099 min
Delta R.T.: 0.000 min
Response: 36113176
Conc: 500.00 ng/ml



#10 AR-1221-3

R.T.: 3.787 min
Delta R.T.: 0.000 min
Response: 98420780
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500



#10 AR-1221-3

R.T.: 3.167 min
Delta R.T.: 0.000 min
Response: 101230071
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068370.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 15:12
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 06 17:55:27 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Sep 06 17:54:09 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.821	359.1E6	348.1E6	50.000	50.000
2)	SA Decachlor...	8.611	7.601	218.9E6	326.4E6	50.000	50.000
	Target Compounds						
11)	L3 AR-1232-1	3.786	3.167	80254348	81315660	500.000	500.000
12)	L3 AR-1232-2	4.280	3.843	44105453	78671467	500.000	500.000
13)	L3 AR-1232-3	4.558	4.004	80527531	41590259	500.000	500.000
14)	L3 AR-1232-4	4.708	4.090	40016119	35296974	500.000	500.000
15)	L3 AR-1232-5	4.804	4.249	26947926	39513856	500.000	500.000

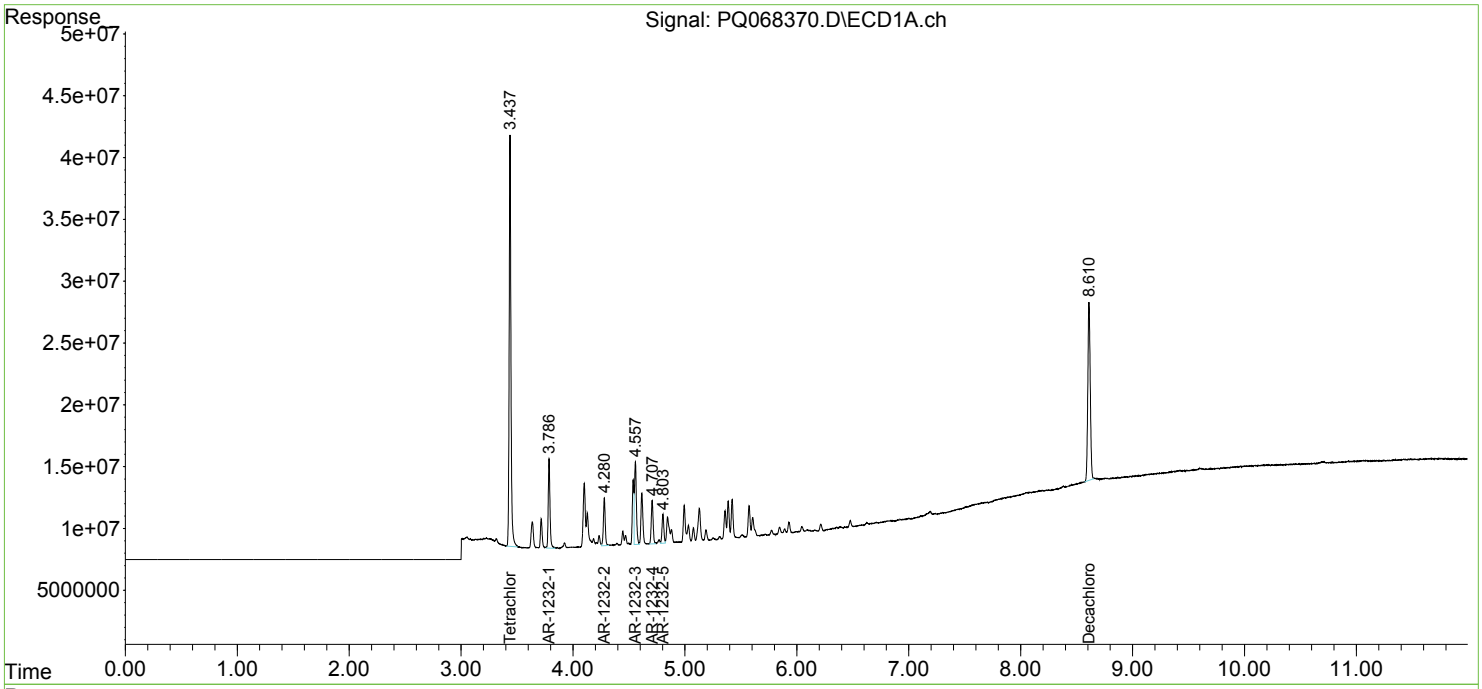
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

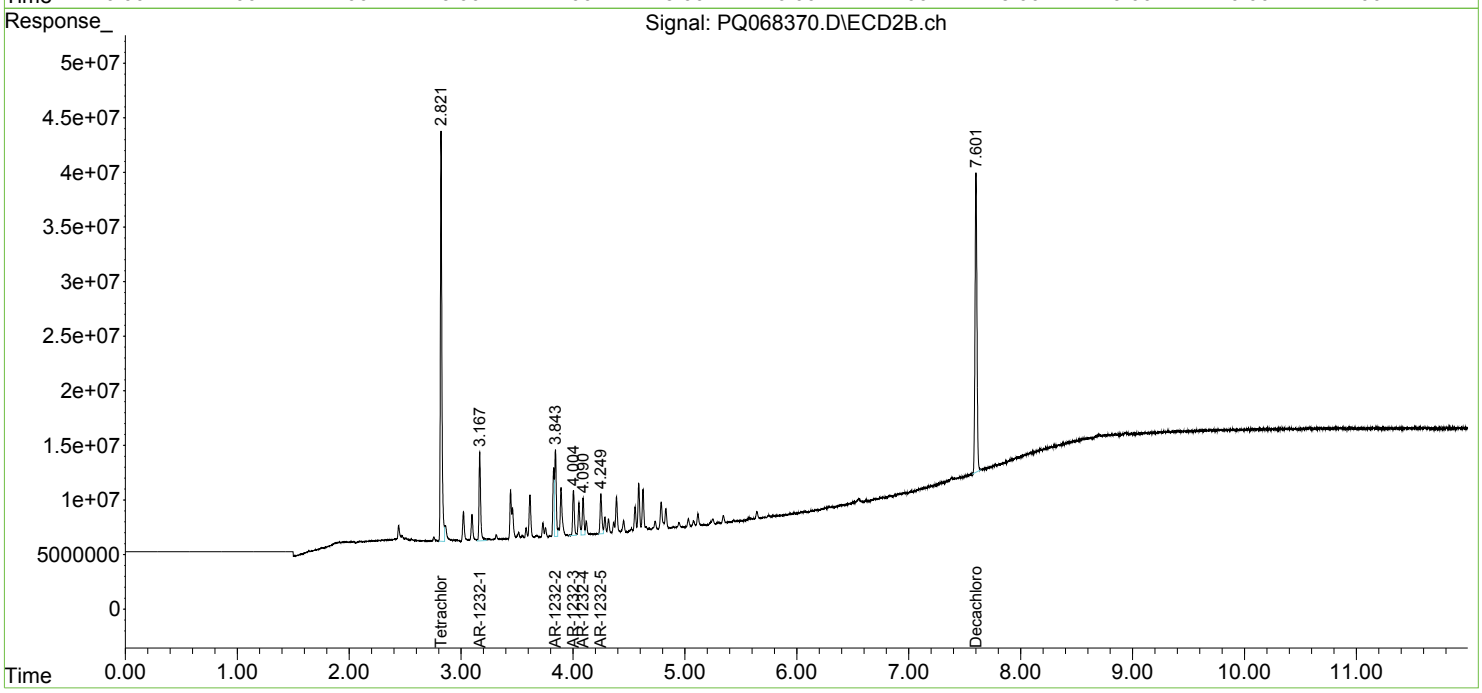
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068370.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 15:12
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

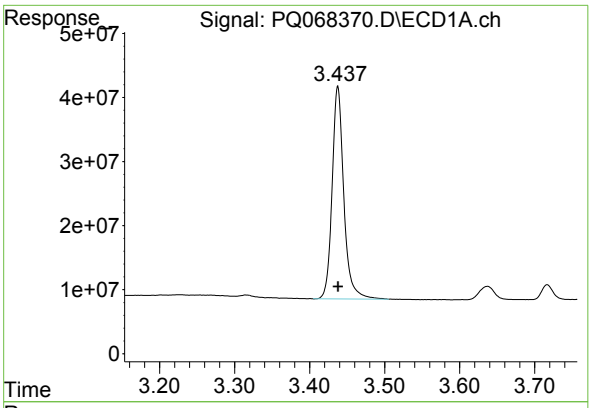
Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 06 17:55:27 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Sep 06 17:54:09 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



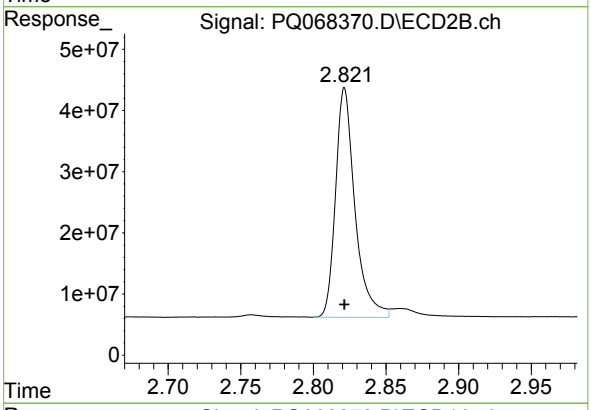




#1 Tetrachloro-m-xylene

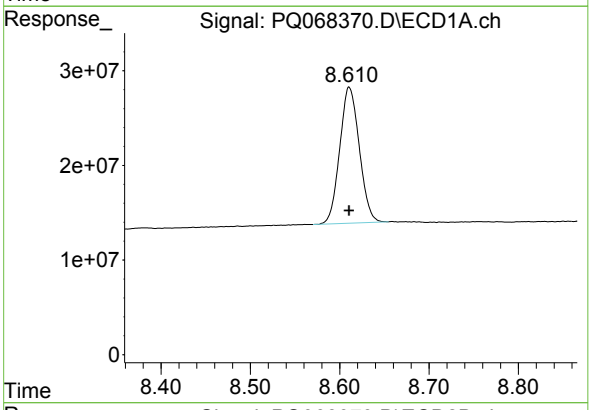
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 359123913
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500



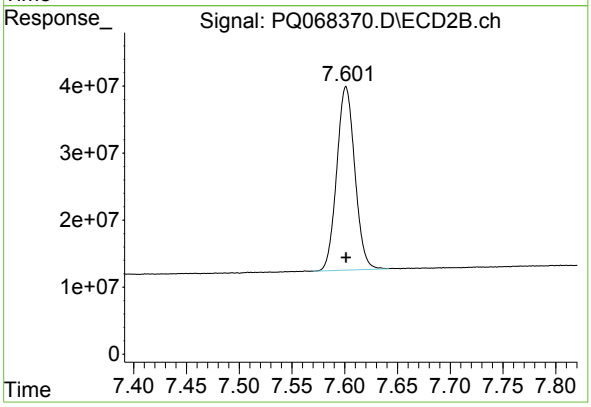
#1 Tetrachloro-m-xylene

R.T.: 2.821 min
Delta R.T.: 0.000 min
Response: 348064875
Conc: 50.00 ng/ml



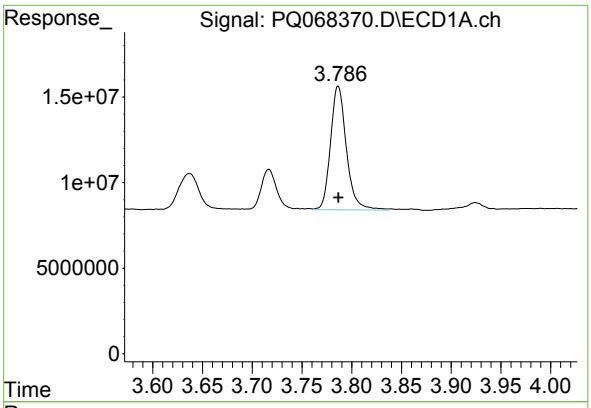
#2 Decachlorobiphenyl

R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 218909480
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

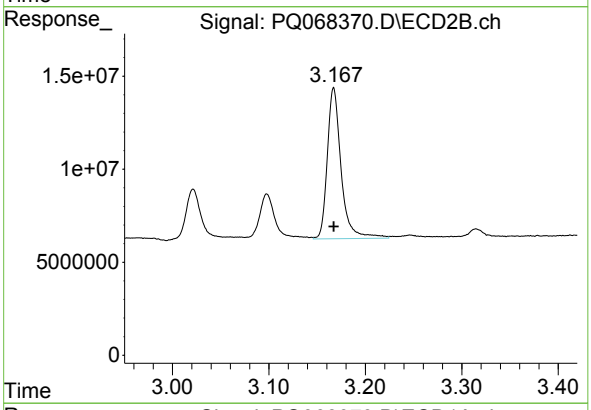
R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 326429599
Conc: 50.00 ng/ml



#11 AR-1232-1

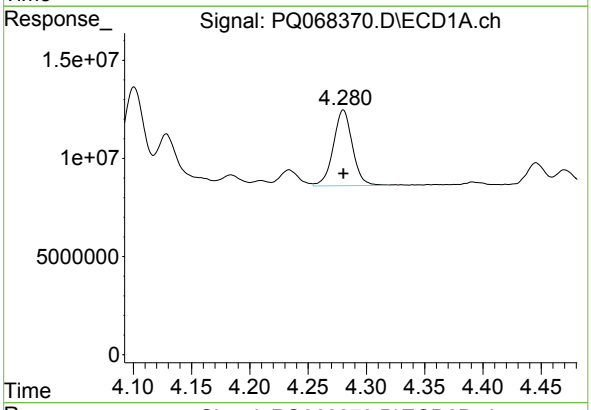
R.T.: 3.786 min
Delta R.T.: 0.000 min
Response: 80254348
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500



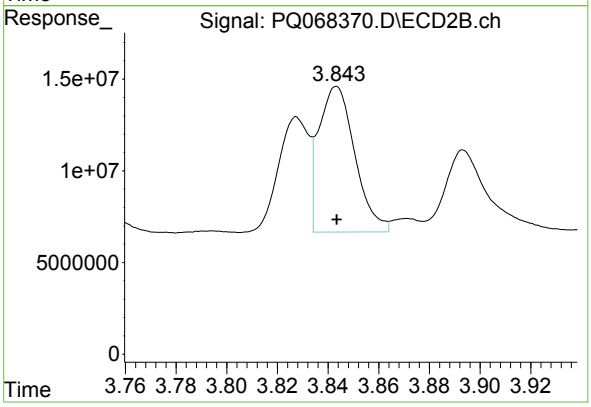
#11 AR-1232-1

R.T.: 3.167 min
Delta R.T.: 0.000 min
Response: 81315660
Conc: 500.00 ng/ml



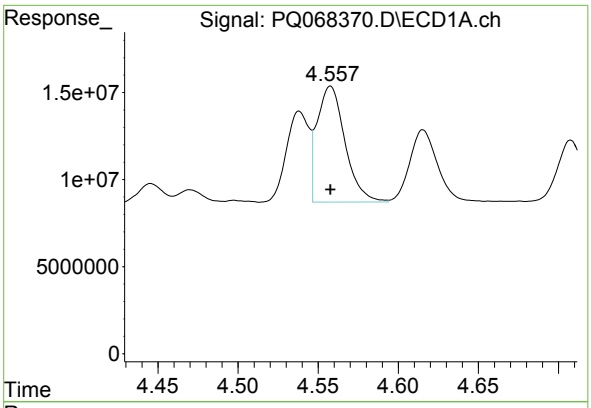
#12 AR-1232-2

R.T.: 4.280 min
Delta R.T.: 0.000 min
Response: 44105453
Conc: 500.00 ng/ml



#12 AR-1232-2

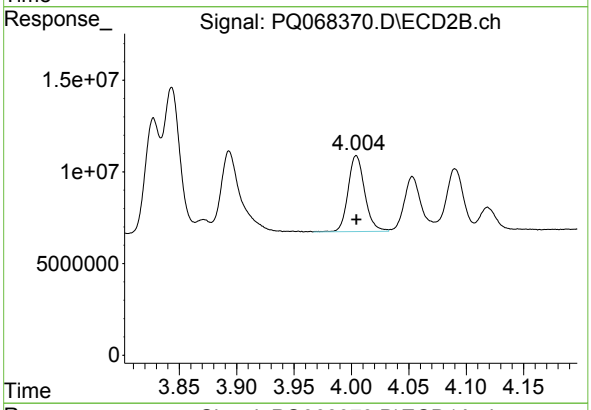
R.T.: 3.843 min
Delta R.T.: 0.000 min
Response: 78671467
Conc: 500.00 ng/ml



#13 AR-1232-3

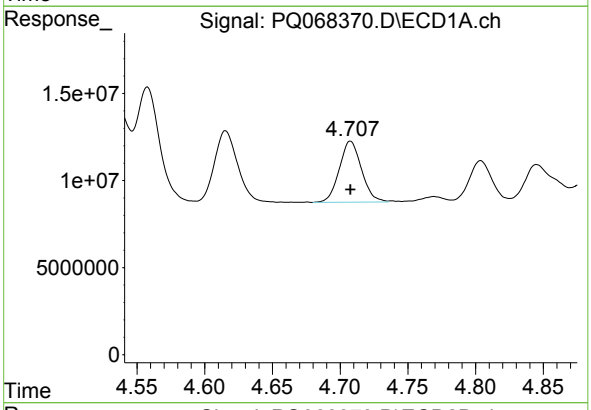
R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 80527531
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500



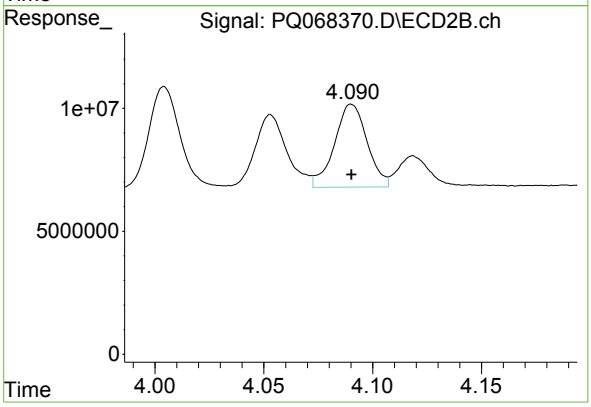
#13 AR-1232-3

R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 41590259
Conc: 500.00 ng/ml



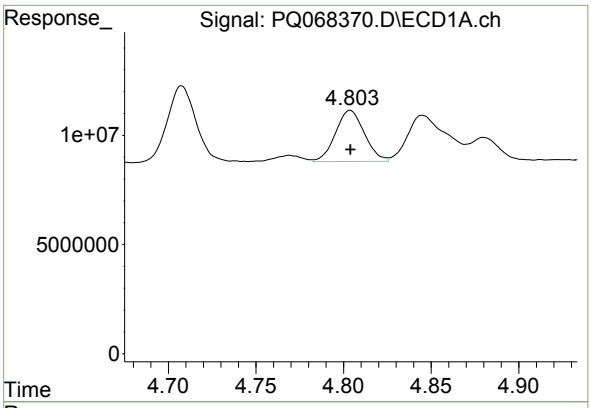
#14 AR-1232-4

R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 40016119
Conc: 500.00 ng/ml



#14 AR-1232-4

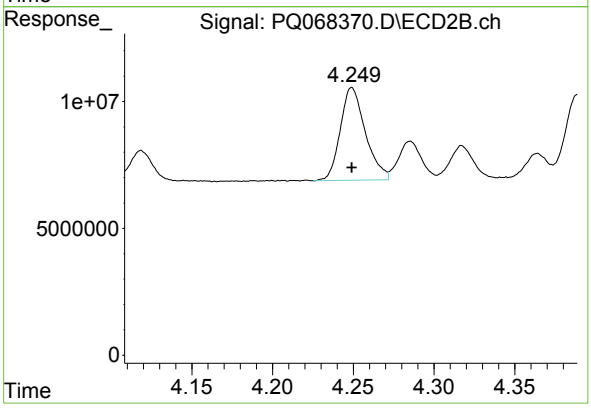
R.T.: 4.090 min
Delta R.T.: 0.000 min
Response: 35296974
Conc: 500.00 ng/ml



#15 AR-1232-5

R.T.: 4.804 min
Delta R.T.: 0.000 min
Response: 26947926
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500



#15 AR-1232-5

R.T.: 4.249 min
Delta R.T.: 0.000 min
Response: 39513856
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068371.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 15:26
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 03:18:37 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 03:08:39 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	680.5E6	712.7E6	94.808	101.105
2)	SA Decachlor...	8.609	7.600	415.9E6	621.2E6	97.395	96.049
	Target Compounds						
16)	L4 AR-1242-1	4.538	3.827	166.8E6	173.2E6	905.782	936.090
17)	L4 AR-1242-2	4.557	3.843	259.7E6	258.9E6	917.595	947.346
18)	L4 AR-1242-3	4.615	4.005	159.6E6	139.7E6	911.896	937.352
19)	L4 AR-1242-4	4.707	4.090	133.7E6	130.8E6	928.757	922.944
20)	L4 AR-1242-5	5.422	4.588	136.5E6	177.3E6	934.850	930.372

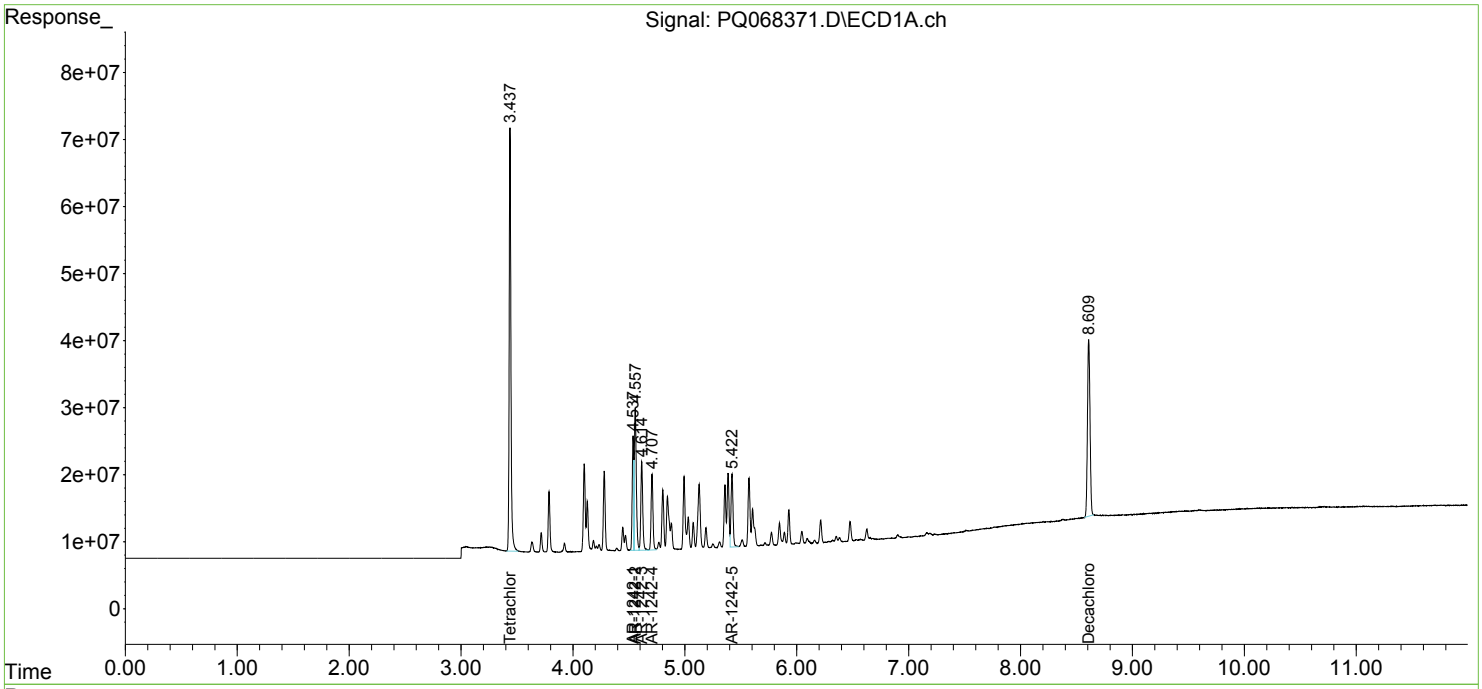
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

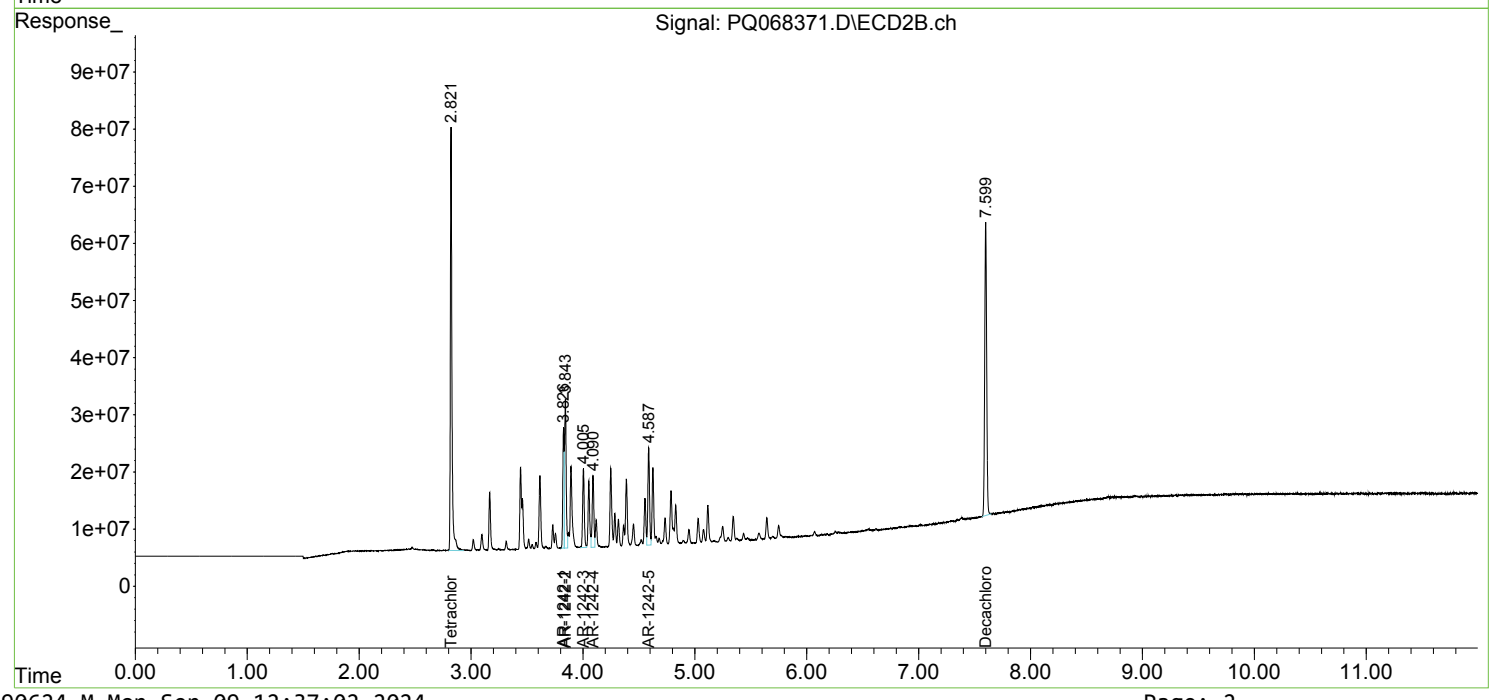
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068371.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 15:26
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

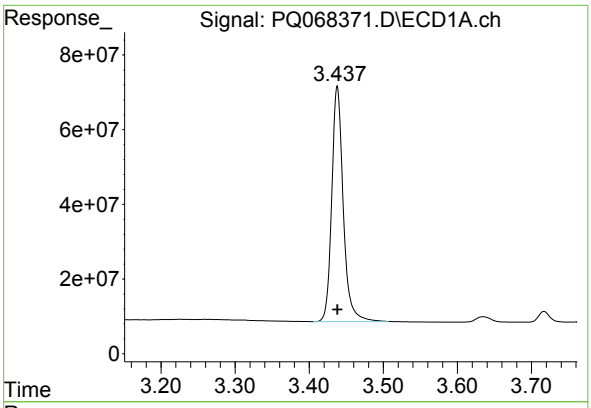
Instrument :
ECD_Q
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 03:18:37 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 03:08:39 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



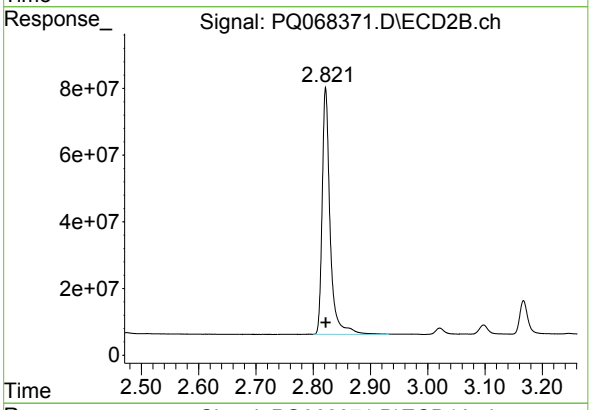




#1 Tetrachloro-m-xylene

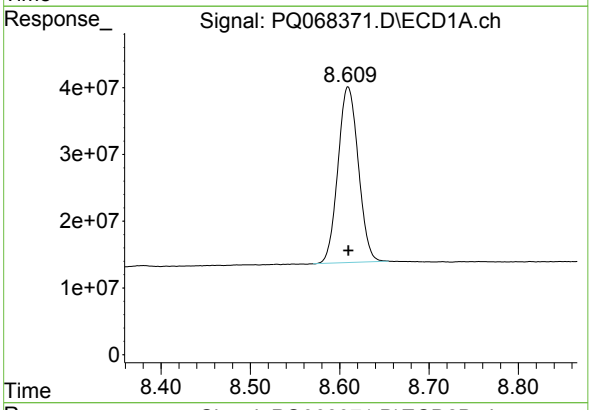
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 680502175
Conc: 94.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC1000



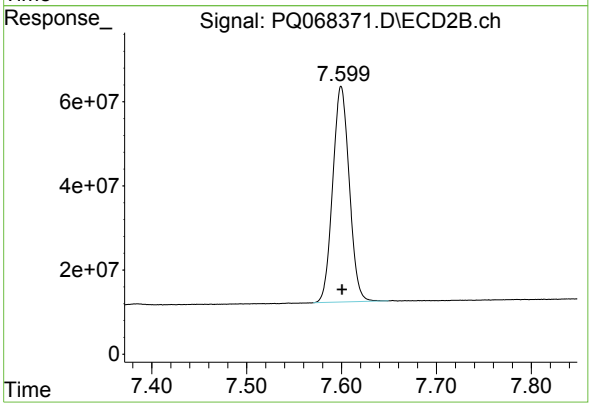
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 712712247
Conc: 101.11 ng/ml



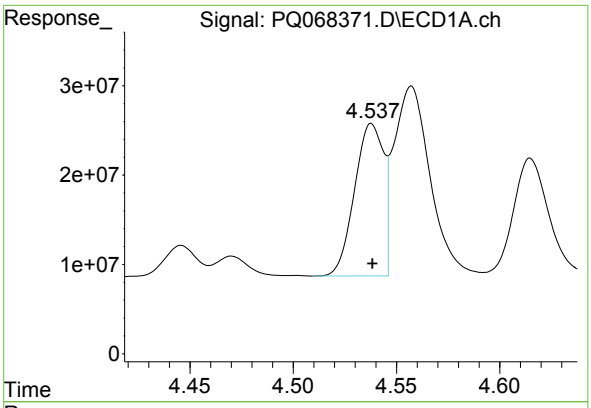
#2 Decachlorobiphenyl

R.T.: 8.609 min
Delta R.T.: 0.000 min
Response: 415884145
Conc: 97.39 ng/ml



#2 Decachlorobiphenyl

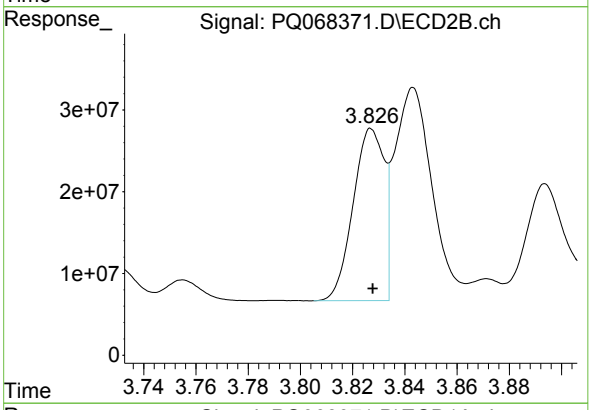
R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 621192878
Conc: 96.05 ng/ml



#16 AR-1242-1

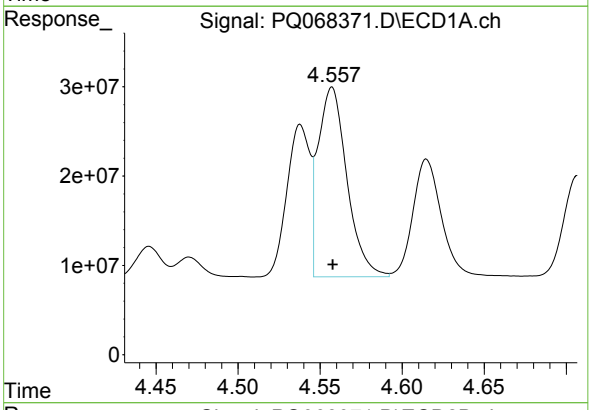
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 166796176
Conc: 905.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC1000



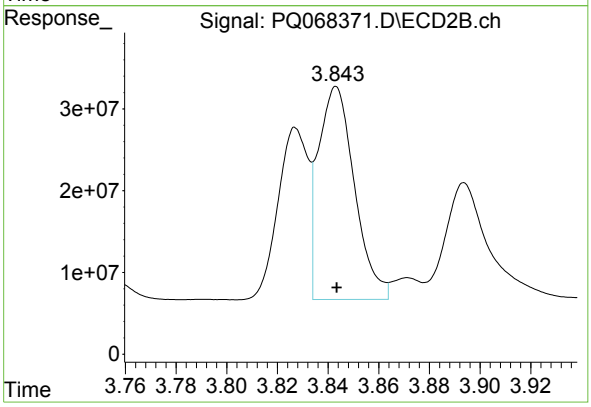
#16 AR-1242-1

R.T.: 3.827 min
Delta R.T.: 0.000 min
Response: 173202247
Conc: 936.09 ng/ml



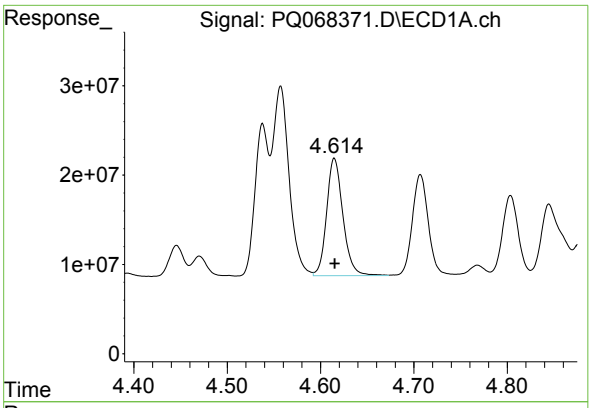
#17 AR-1242-2

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 259714279
Conc: 917.60 ng/ml



#17 AR-1242-2

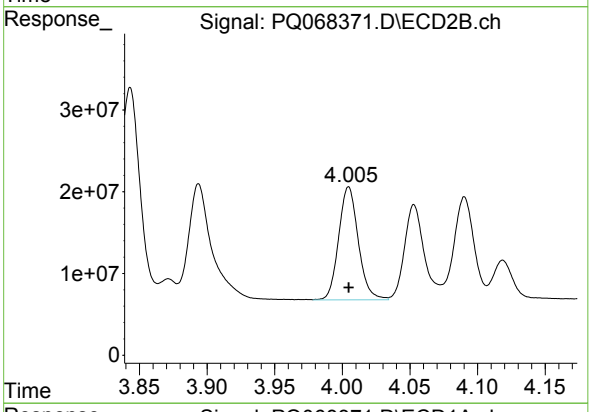
R.T.: 3.843 min
Delta R.T.: 0.000 min
Response: 258924604
Conc: 947.35 ng/ml



#18 AR-1242-3

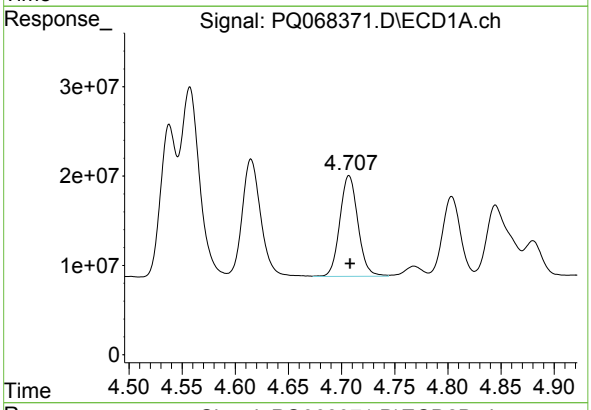
R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 159578795
Conc: 911.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC1000



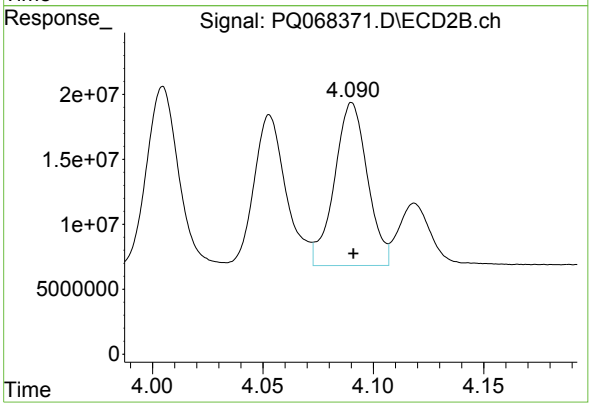
#18 AR-1242-3

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 139697848
Conc: 937.35 ng/ml



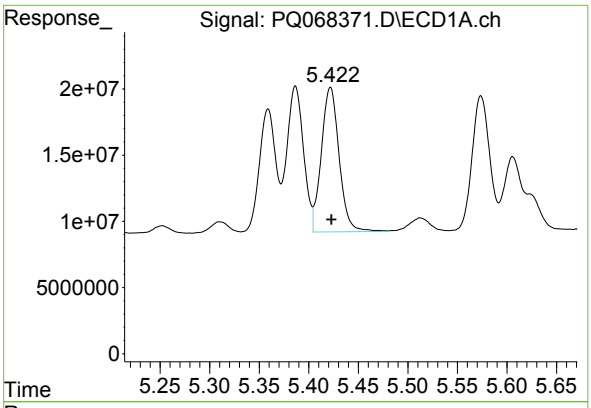
#19 AR-1242-4

R.T.: 4.707 min
Delta R.T.: 0.000 min
Response: 133694571
Conc: 928.76 ng/ml



#19 AR-1242-4

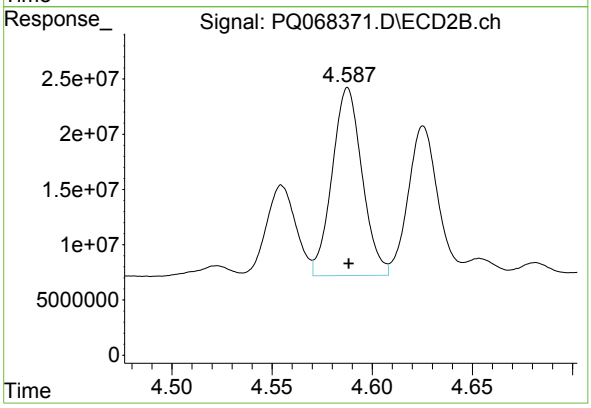
R.T.: 4.090 min
Delta R.T.: 0.000 min
Response: 130768818
Conc: 922.94 ng/ml



#20 AR-1242-5

R.T.: 5.422 min
Delta R.T.: 0.000 min
Response: 136509715
Conc: 934.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC1000



#20 AR-1242-5

R.T.: 4.588 min
Delta R.T.: 0.000 min
Response: 177284315
Conc: 930.37 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068372.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 15:41
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 03:17:07 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 03:08:39 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	528.8E6	530.4E6	73.237	75.330
2)	SA Decachlor...	8.610	7.601	321.9E6	482.2E6	75.499	74.409
	Target Compounds						
16)	L4 AR-1242-1	4.538	3.827	131.5E6	133.8E6	702.988	714.275
17)	L4 AR-1242-2	4.557	3.843	203.0E6	201.7E6	707.082	733.940
18)	L4 AR-1242-3	4.615	4.005	125.4E6	108.5E6	705.785	720.806
19)	L4 AR-1242-4	4.708	4.091	104.4E6	101.9E6	717.522	709.213
20)	L4 AR-1242-5	5.422	4.588	106.7E6	137.2E6	724.412	710.505

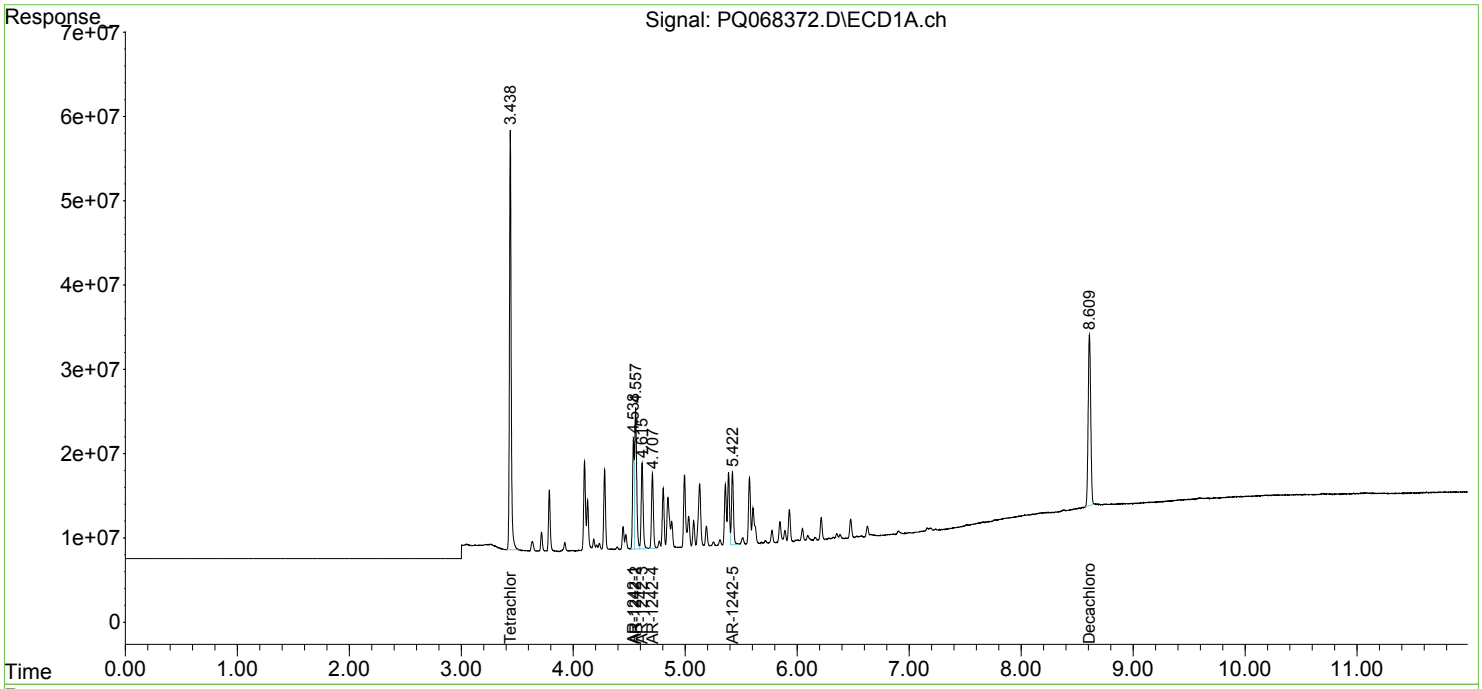
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

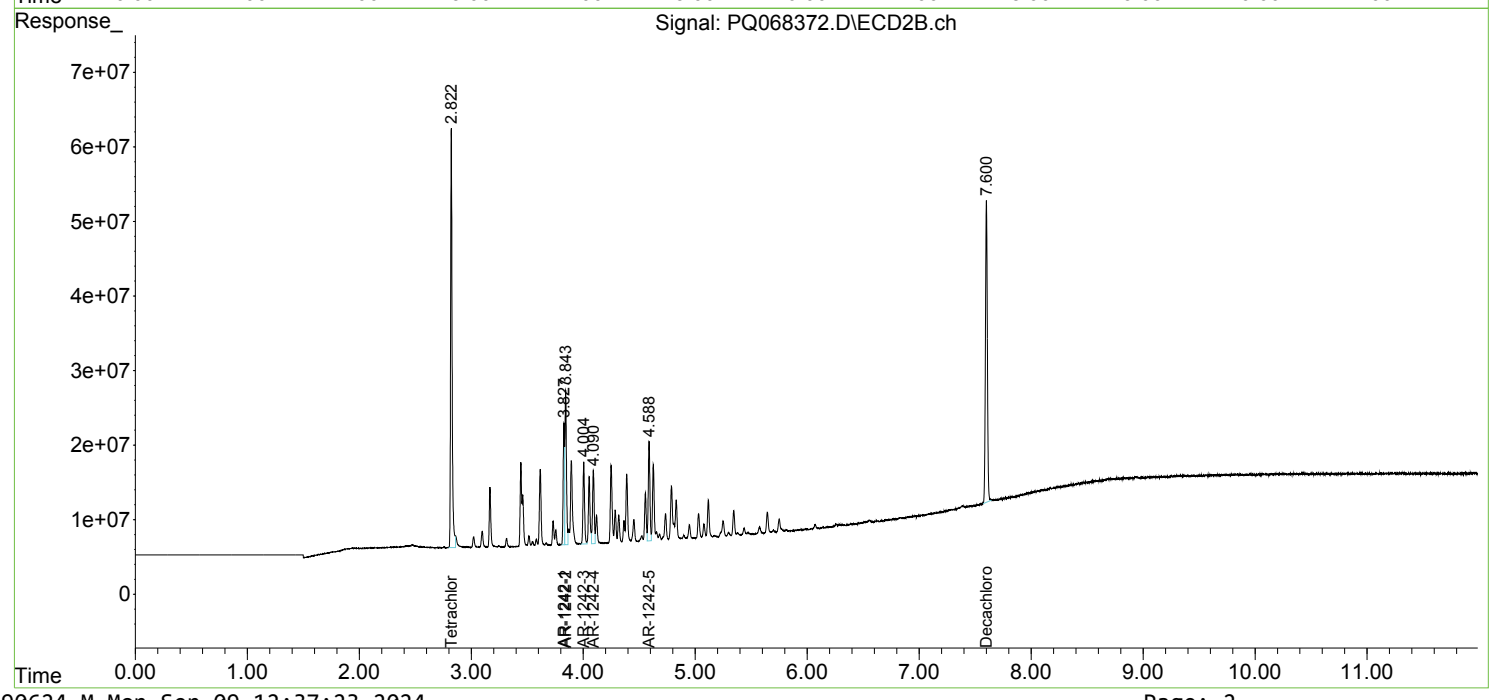
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068372.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 15:41
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

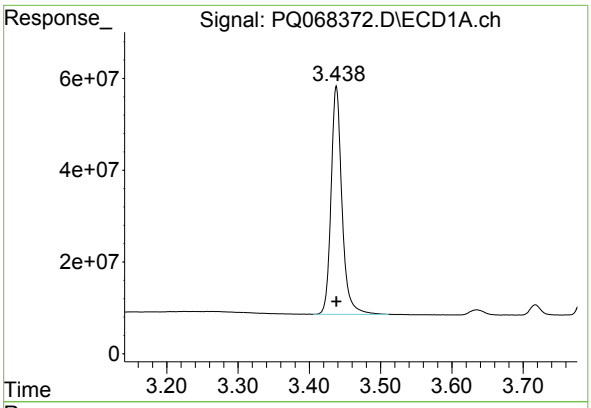
Instrument :
ECD_Q
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 03:17:07 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 03:08:39 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



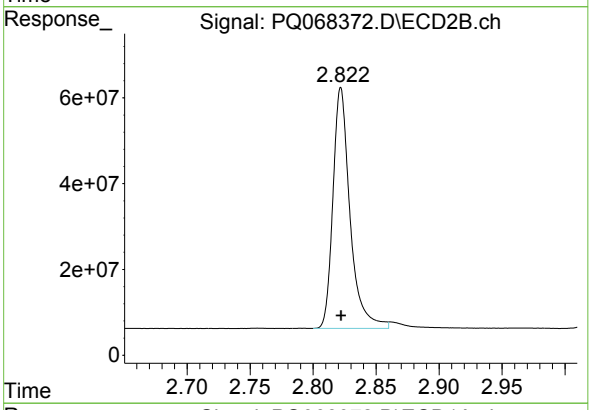




#1 Tetrachloro-m-xylene

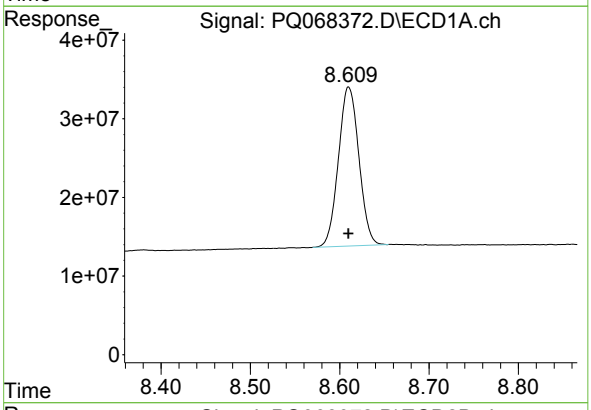
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 528777831
Conc: 73.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC750



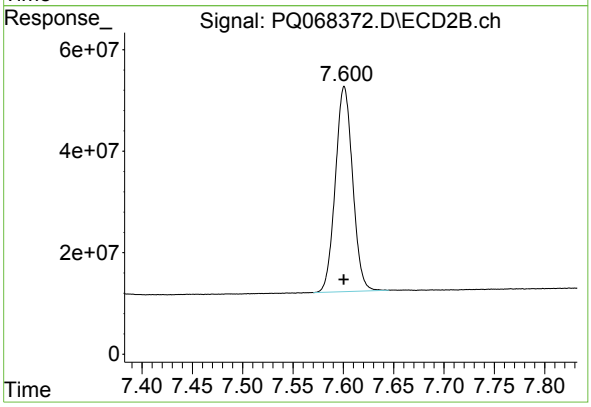
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 530432920
Conc: 75.33 ng/ml



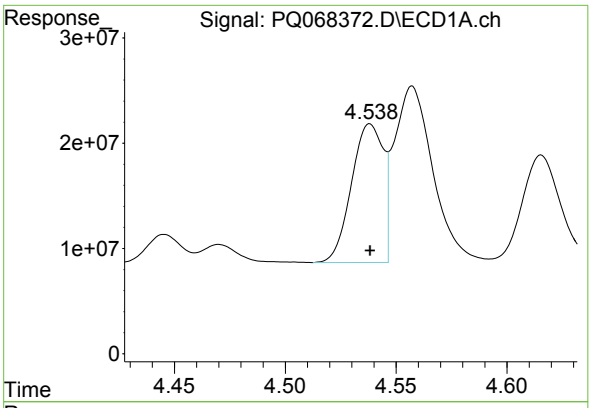
#2 Decachlorobiphenyl

R.T.: 8.610 min
Delta R.T.: 0.000 min
Response: 321853159
Conc: 75.50 ng/ml



#2 Decachlorobiphenyl

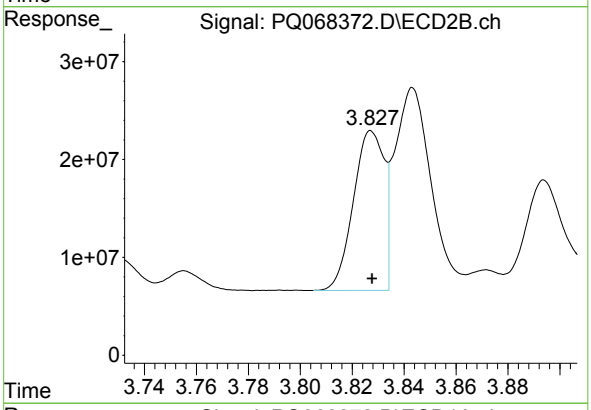
R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 482188486
Conc: 74.41 ng/ml



#16 AR-1242-1

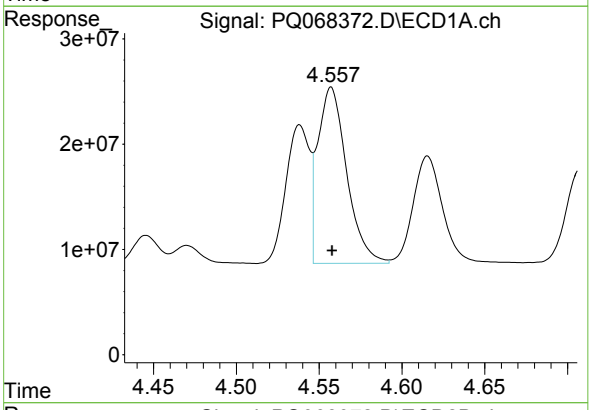
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 131513327
Conc: 702.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC750



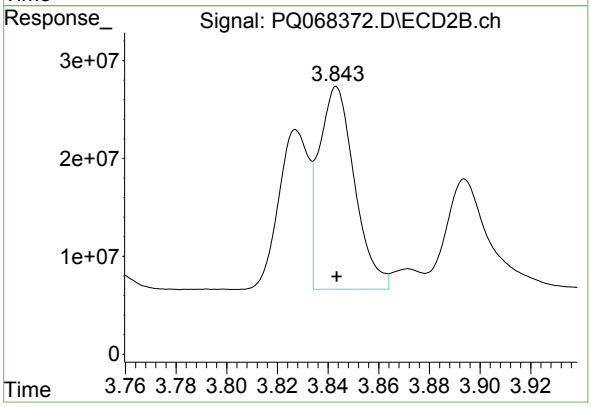
#16 AR-1242-1

R.T.: 3.827 min
Delta R.T.: 0.000 min
Response: 133753264
Conc: 714.28 ng/ml



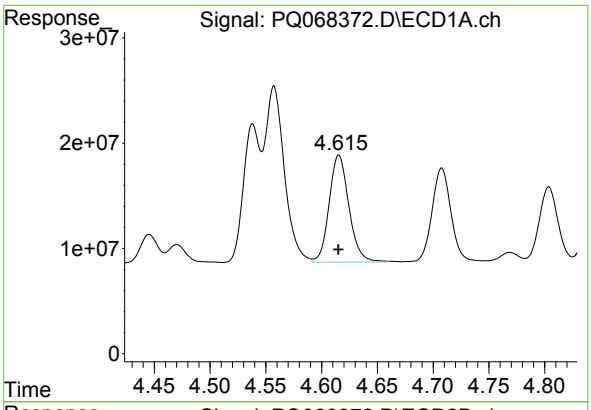
#17 AR-1242-2

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 203035720
Conc: 707.08 ng/ml



#17 AR-1242-2

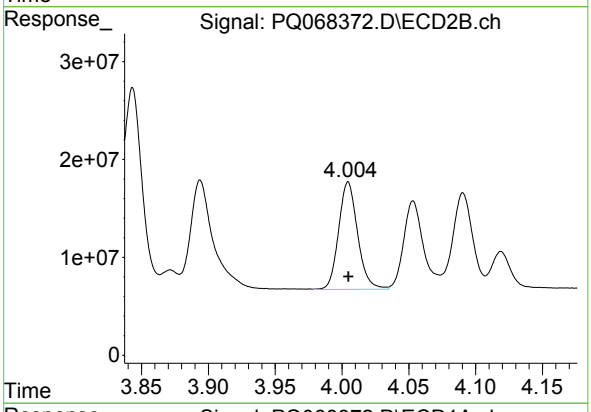
R.T.: 3.843 min
Delta R.T.: 0.000 min
Response: 201676909
Conc: 733.94 ng/ml



#18 AR-1242-3

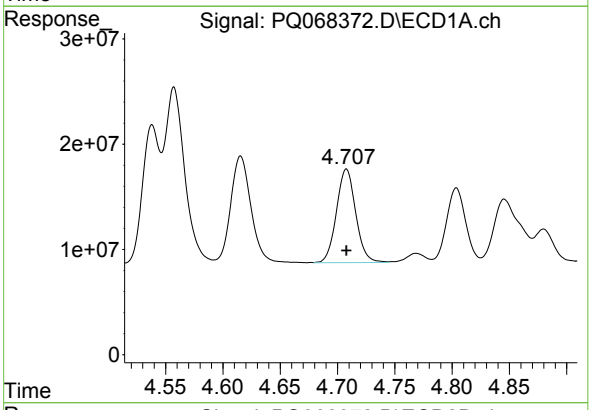
R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 125357702
Conc: 705.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC750



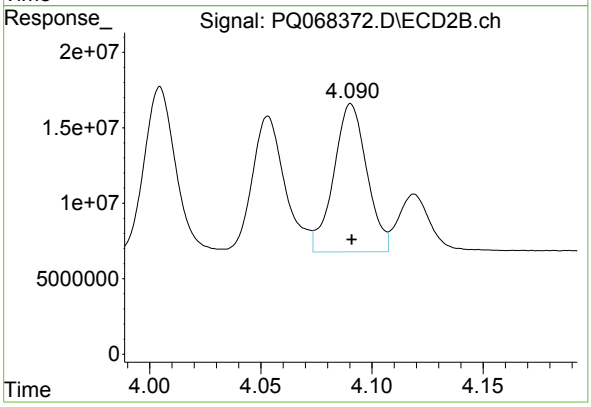
#18 AR-1242-3

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 108480657
Conc: 720.81 ng/ml



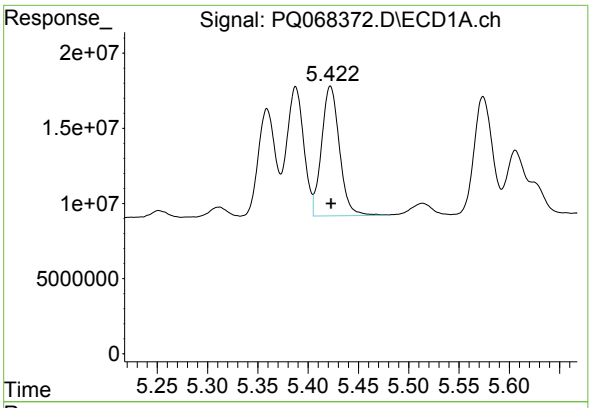
#19 AR-1242-4

R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 104417814
Conc: 717.52 ng/ml



#19 AR-1242-4

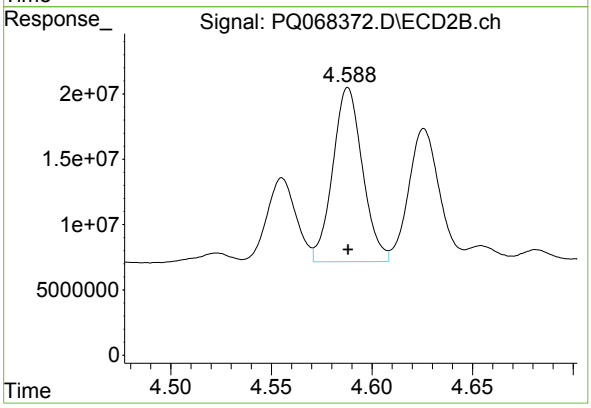
R.T.: 4.091 min
Delta R.T.: 0.000 min
Response: 101870933
Conc: 709.21 ng/ml



#20 AR-1242-5

R.T.: 5.422 min
Delta R.T.: 0.000 min
Response: 106690997
Conc: 724.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC750



#20 AR-1242-5

R.T.: 4.588 min
Delta R.T.: 0.000 min
Response: 137194353
Conc: 710.50 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068373.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 15:55
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 03:10:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 03:08:39 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	362.9E6	360.9E6	50.000	50.000
2)	SA Decachlor...	8.610	7.600	217.4E6	327.9E6	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	4.538	3.828	91334587	91798539	500.000	500.000
17)	L4 AR-1242-2	4.558	3.843	141.0E6	140.5E6	500.000	500.000
18)	L4 AR-1242-3	4.615	4.005	86724121	75129035	500.000	500.000
19)	L4 AR-1242-4	4.708	4.091	71719881	70534231	500.000	500.000
20)	L4 AR-1242-5	5.423	4.588	73116795	94732006	500.000	500.000

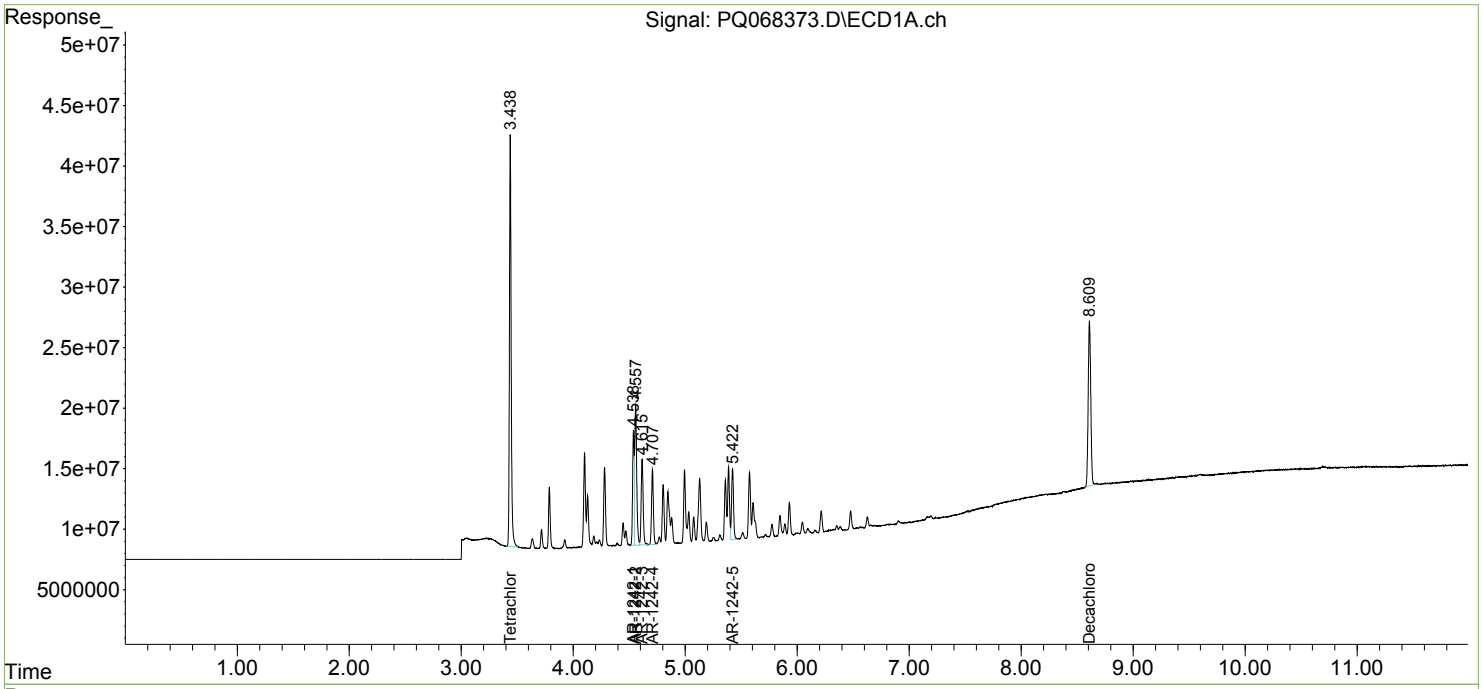
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

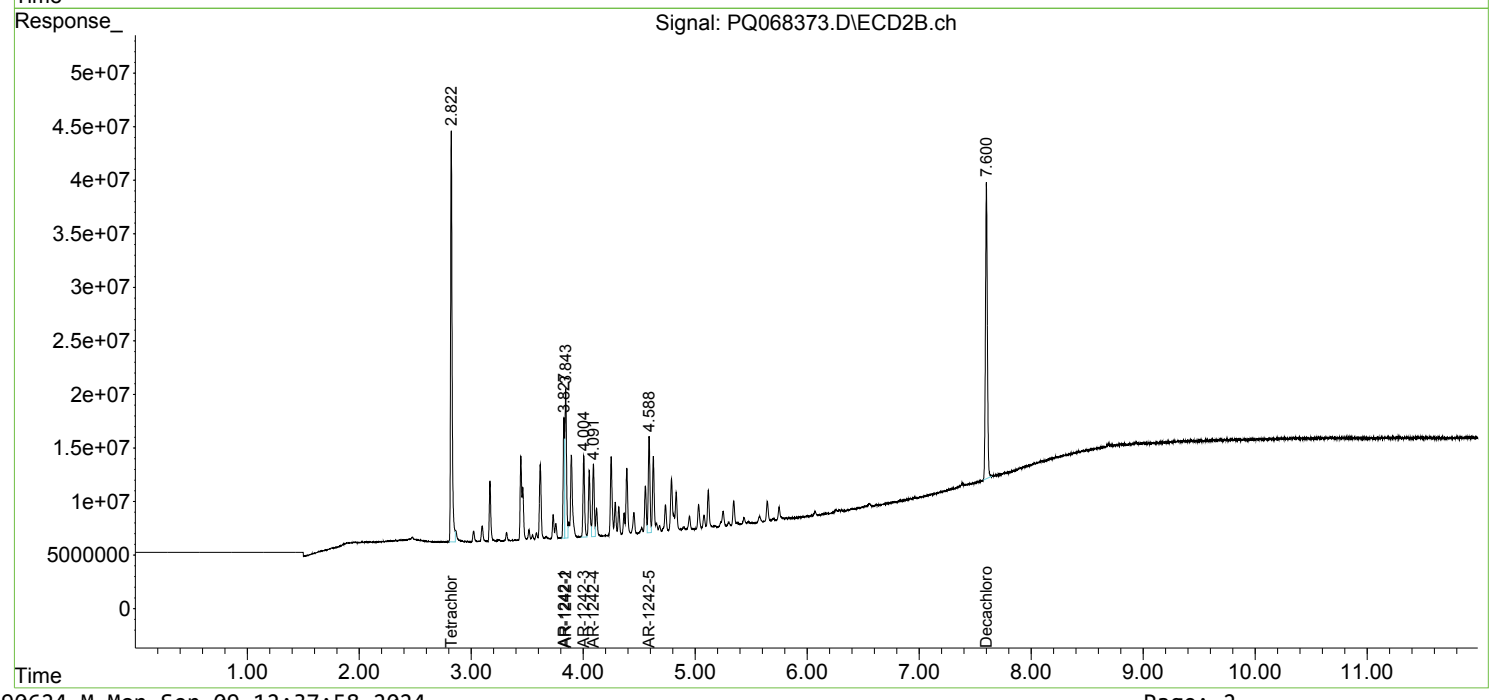
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068373.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 15:55
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

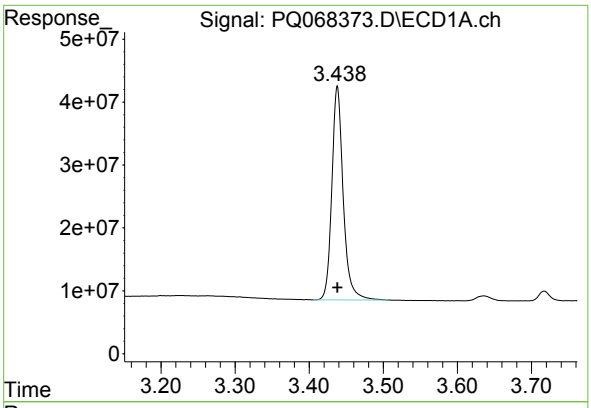
Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 03:10:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 03:08:39 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



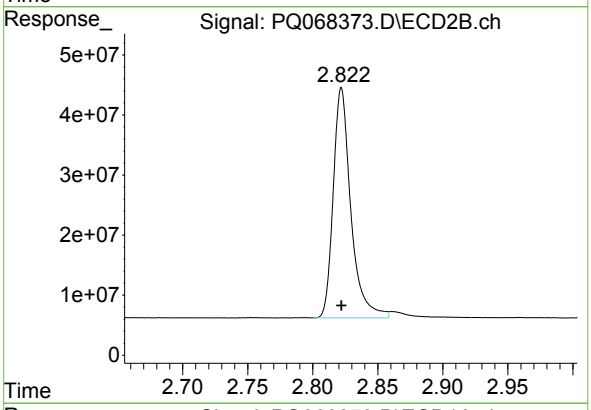




#1 Tetrachloro-m-xylene

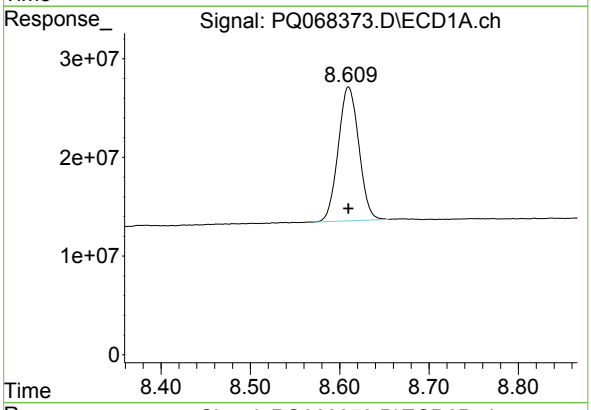
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 362915888
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500



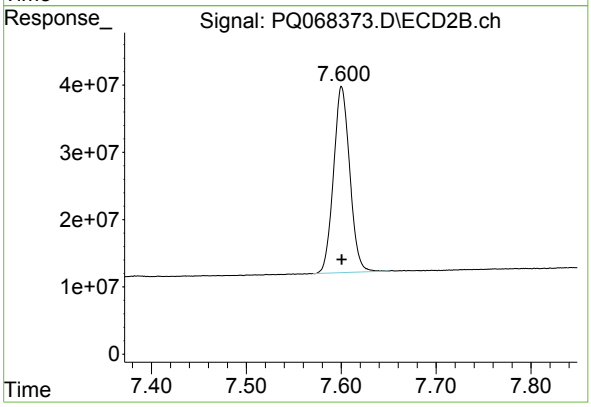
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 360853154
Conc: 50.00 ng/ml



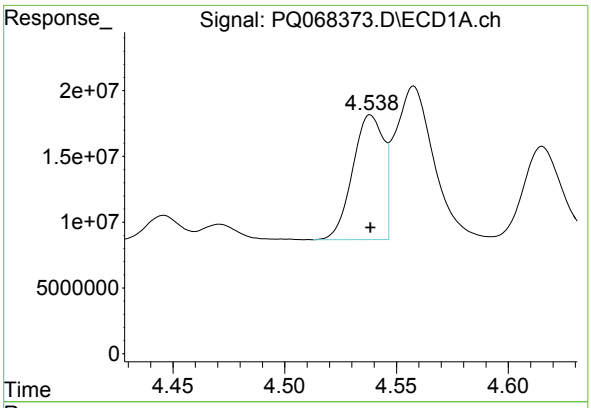
#2 Decachlorobiphenyl

R.T.: 8.610 min
Delta R.T.: 0.000 min
Response: 217386620
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

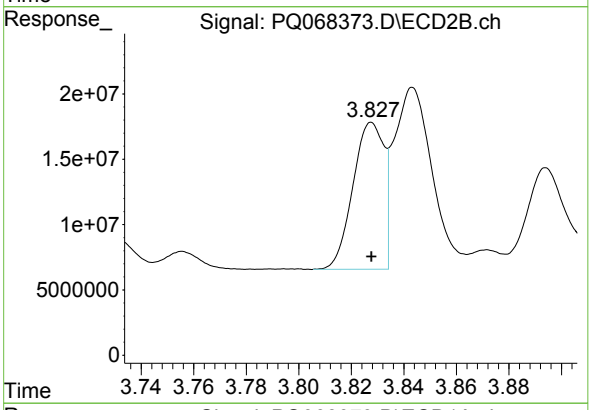
R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 327853813
Conc: 50.00 ng/ml



#16 AR-1242-1

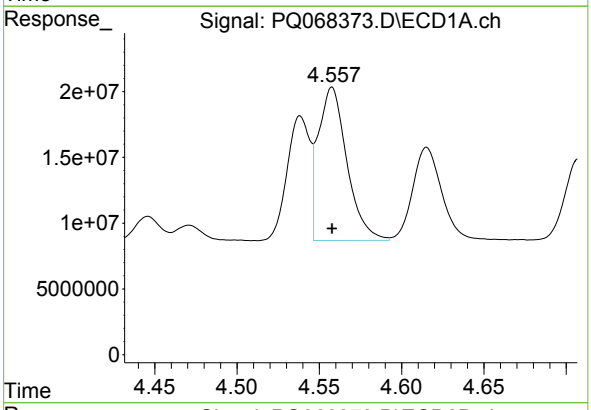
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 91334587
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500



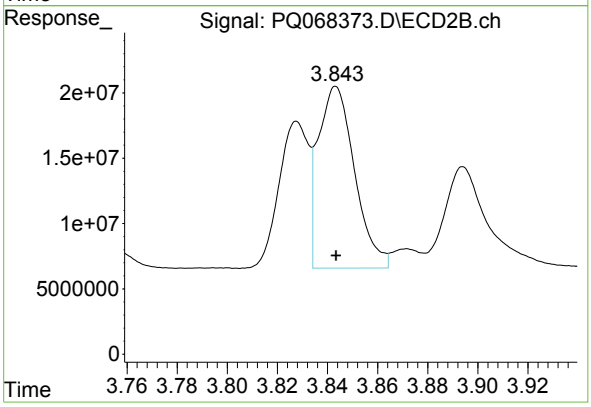
#16 AR-1242-1

R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 91798539
Conc: 500.00 ng/ml



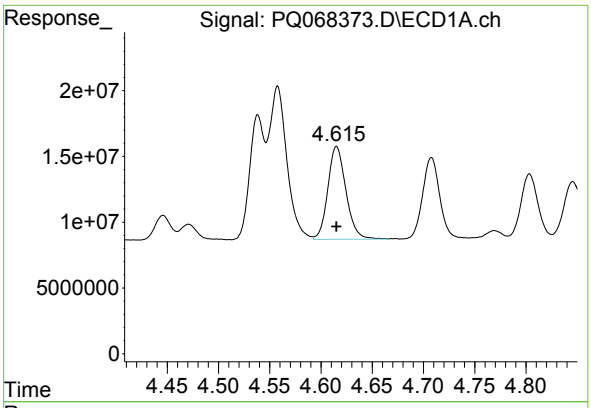
#17 AR-1242-2

R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 140980193
Conc: 500.00 ng/ml



#17 AR-1242-2

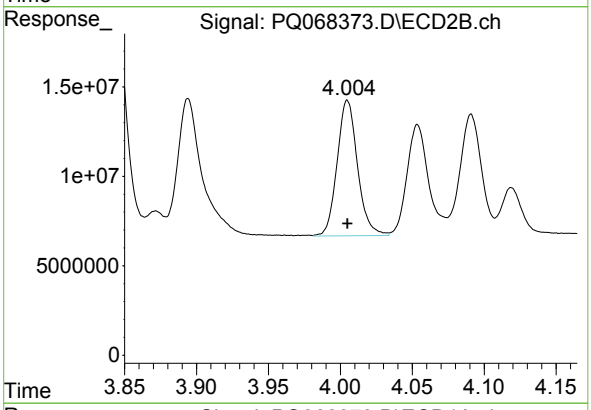
R.T.: 3.843 min
Delta R.T.: 0.000 min
Response: 140481674
Conc: 500.00 ng/ml



#18 AR-1242-3

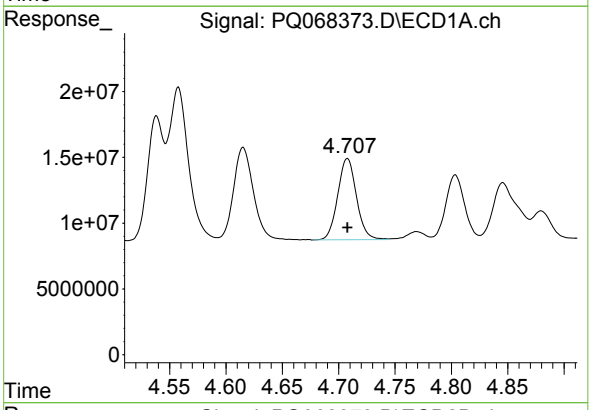
R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 86724121
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500



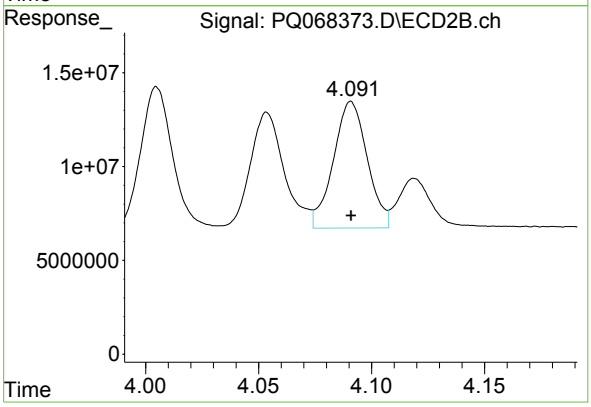
#18 AR-1242-3

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 75129035
Conc: 500.00 ng/ml



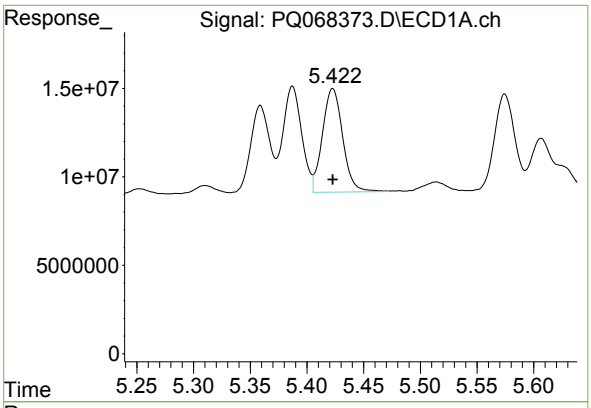
#19 AR-1242-4

R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 71719881
Conc: 500.00 ng/ml



#19 AR-1242-4

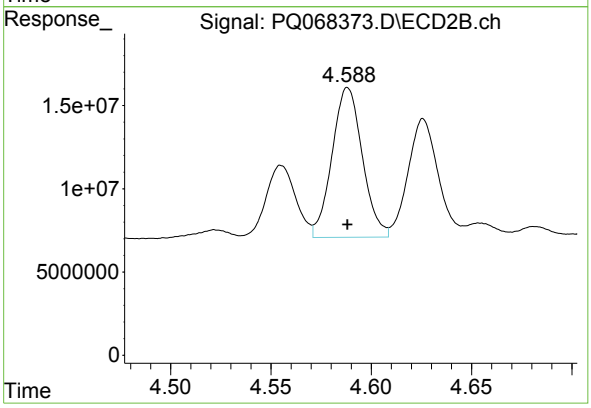
R.T.: 4.091 min
Delta R.T.: 0.000 min
Response: 70534231
Conc: 500.00 ng/ml



#20 AR-1242-5

R.T.: 5.423 min
Delta R.T.: 0.000 min
Response: 73116795
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500



#20 AR-1242-5

R.T.: 4.588 min
Delta R.T.: 0.000 min
Response: 94732006
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068374.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 16:10
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 03:13:38 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 03:08:39 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	187.9E6	188.4E6	26.559	27.729
2)	SA Decachlor...	8.611	7.602	112.1E6	170.1E6	26.993	26.912
	Target Compounds						
16)	L4 AR-1242-1	4.539	3.828	48069304	49404776	260.570	271.341
17)	L4 AR-1242-2	4.558	3.844	73895401	71510421	261.181	265.681
18)	L4 AR-1242-3	4.616	4.004	45729710	39168825	261.369	265.712
19)	L4 AR-1242-4	4.708	4.091	37484542	36947149	261.546	260.991
20)	L4 AR-1242-5	5.423	4.588	37806872	49750380	260.189	261.650

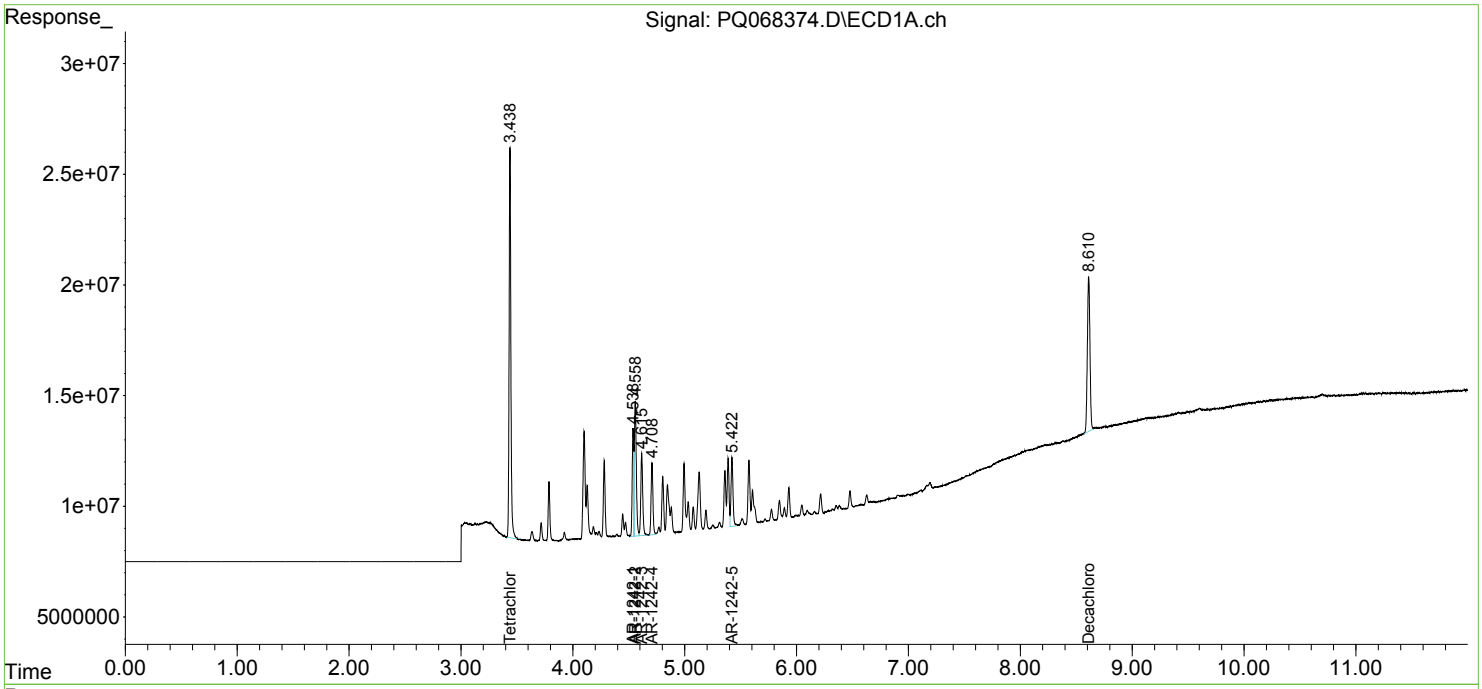
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

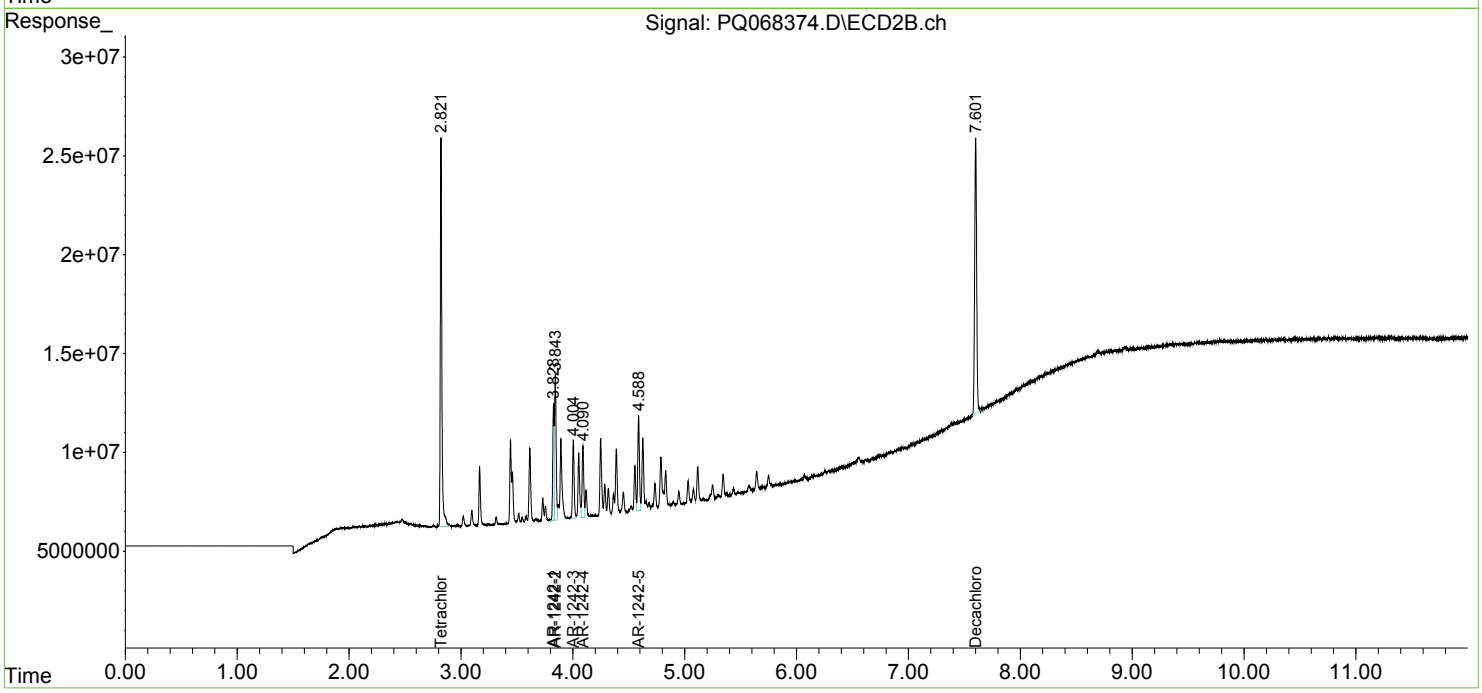
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068374.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 16:10
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

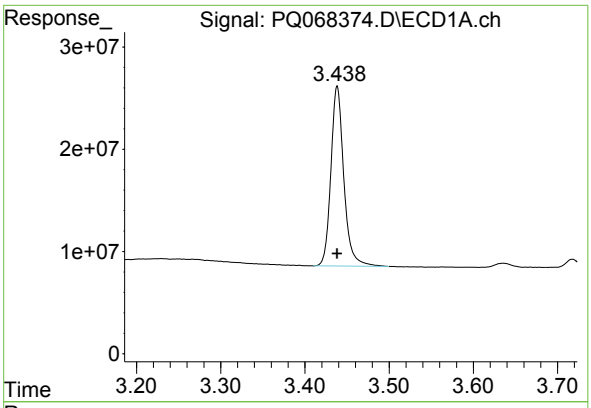
Instrument :
ECD_Q
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 03:13:38 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 03:08:39 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



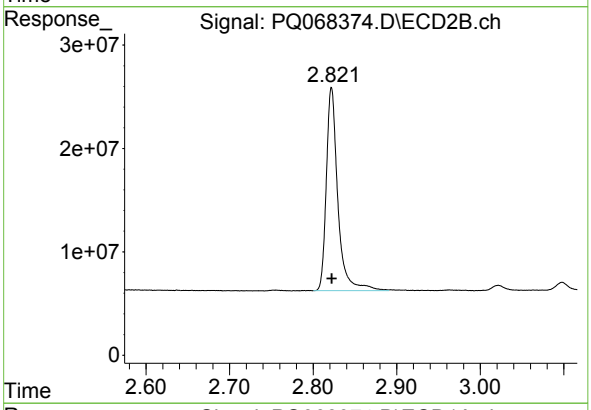




#1 Tetrachloro-m-xylene

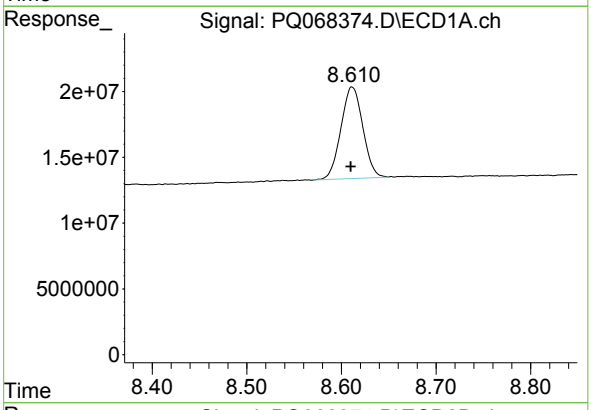
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 187853765
Conc: 26.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC250



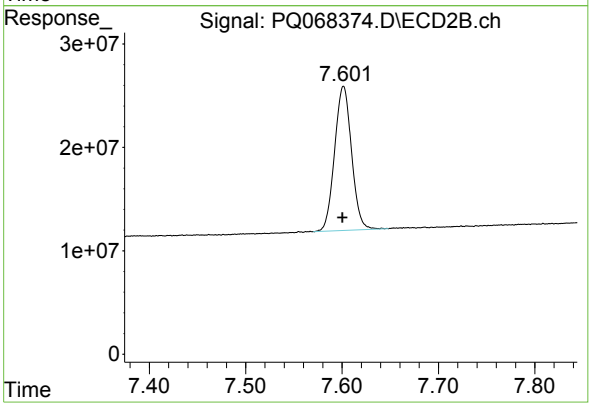
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 188397374
Conc: 27.73 ng/ml



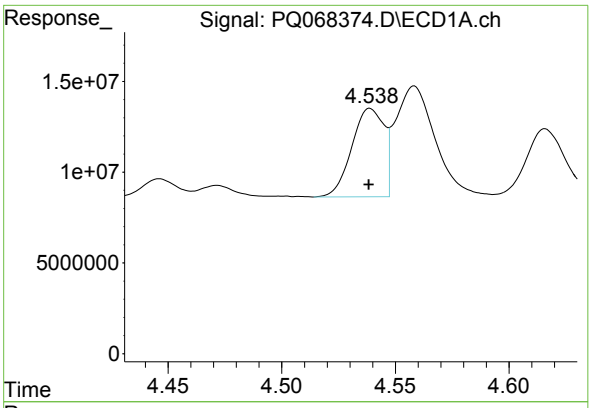
#2 Decachlorobiphenyl

R.T.: 8.611 min
Delta R.T.: 0.001 min
Response: 112093861
Conc: 26.99 ng/ml



#2 Decachlorobiphenyl

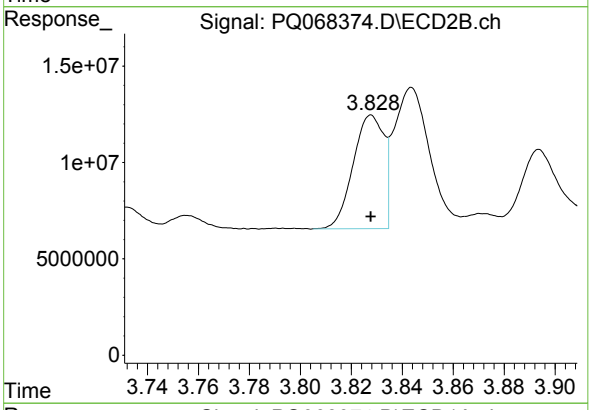
R.T.: 7.602 min
Delta R.T.: 0.001 min
Response: 170060203
Conc: 26.91 ng/ml



#16 AR-1242-1

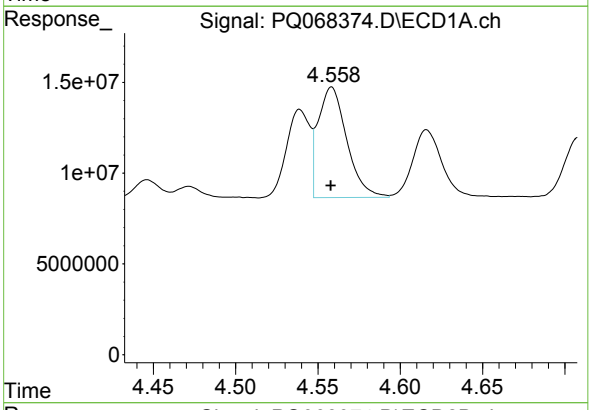
R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 48069304
Conc: 260.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC250



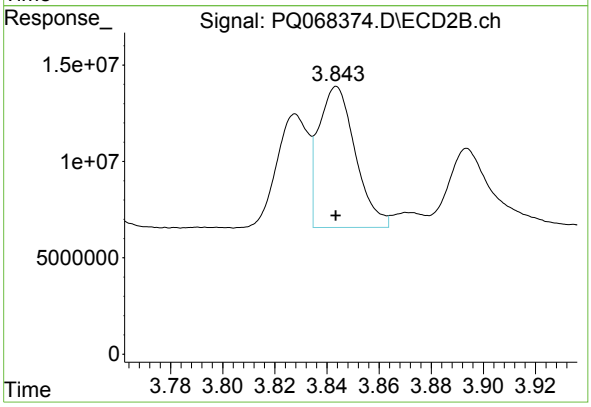
#16 AR-1242-1

R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 49404776
Conc: 271.34 ng/ml



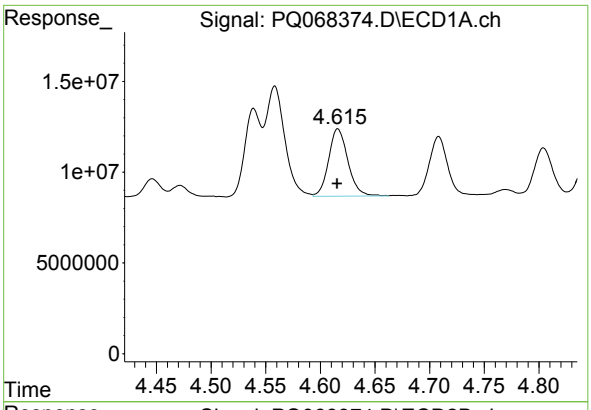
#17 AR-1242-2

R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 73895401
Conc: 261.18 ng/ml



#17 AR-1242-2

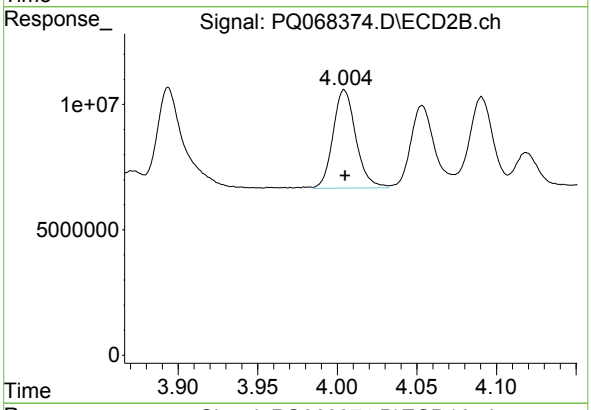
R.T.: 3.844 min
Delta R.T.: 0.000 min
Response: 71510421
Conc: 265.68 ng/ml



#18 AR-1242-3

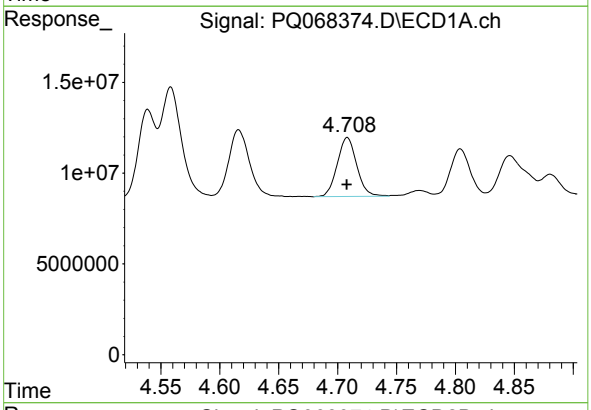
R.T.: 4.616 min
Delta R.T.: 0.000 min
Response: 45729710
Conc: 261.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC250



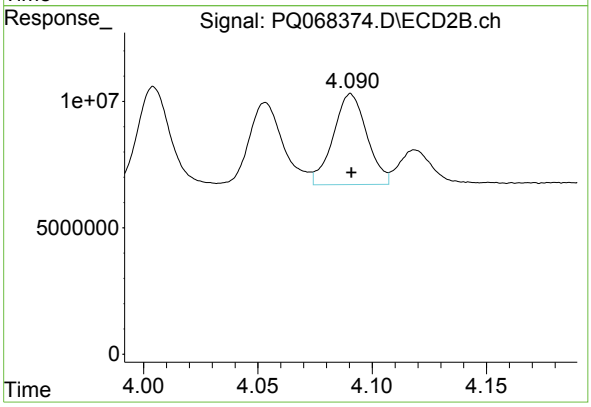
#18 AR-1242-3

R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 39168825
Conc: 265.71 ng/ml



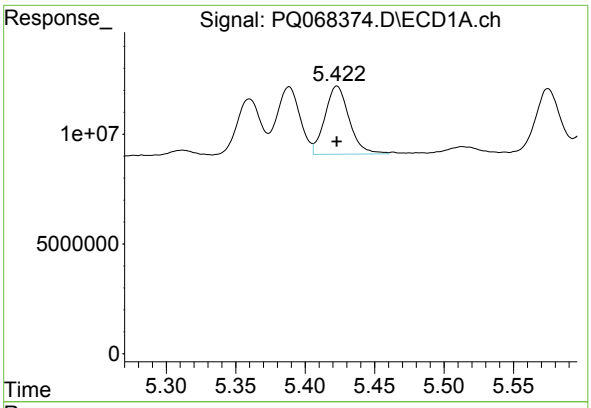
#19 AR-1242-4

R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 37484542
Conc: 261.55 ng/ml



#19 AR-1242-4

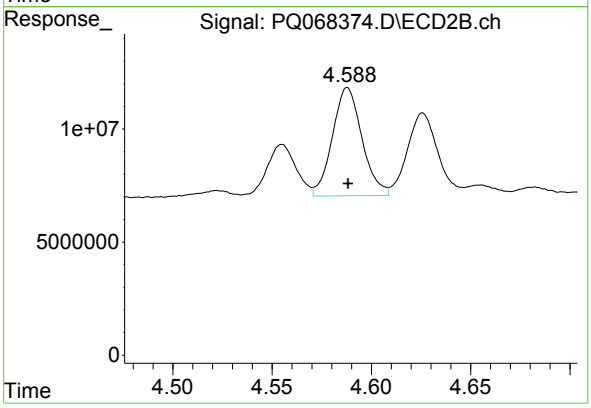
R.T.: 4.091 min
Delta R.T.: 0.000 min
Response: 36947149
Conc: 260.99 ng/ml



#20 AR-1242-5

R.T.: 5.423 min
Delta R.T.: 0.000 min
Response: 37806872
Conc: 260.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC250



#20 AR-1242-5

R.T.: 4.588 min
Delta R.T.: 0.000 min
Response: 49750380
Conc: 261.65 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068375.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 16:25
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 03:12:04 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 03:08:39 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.821	34439039	31857253	4.745	4.414
2)	SA Decachlor...	8.611	7.602	19787628	30406491	4.551	4.637
	Target Compounds						
16)	L4 AR-1242-1	4.538	3.828	9314316	9027781	50.990	49.172
17)	L4 AR-1242-2	4.558	3.844	14194762	12867763	50.343	45.799
18)	L4 AR-1242-3	4.616	4.004	8823820	7228188	50.873	48.105
19)	L4 AR-1242-4	4.708	4.091	7159931	7103071	49.916	50.352
20)	L4 AR-1242-5	5.422	4.588	7218849	9540862	49.365	50.357

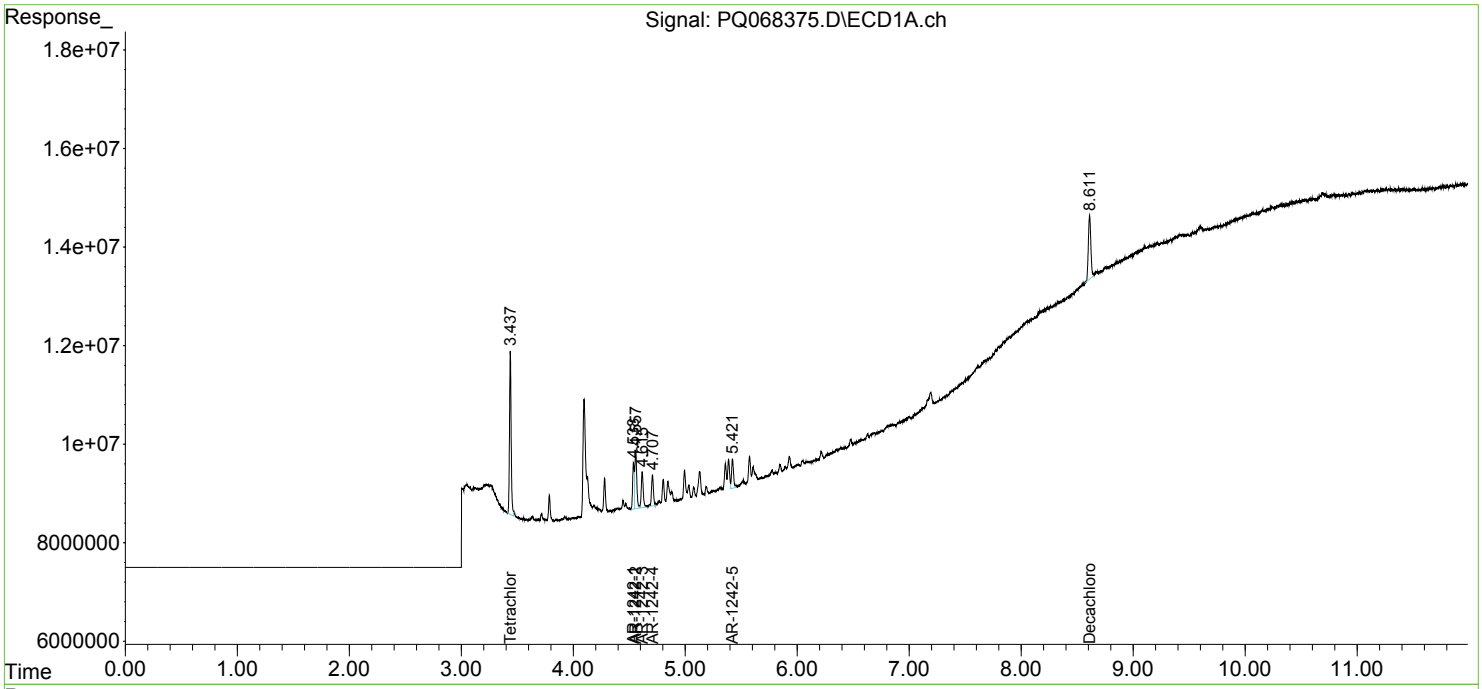
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

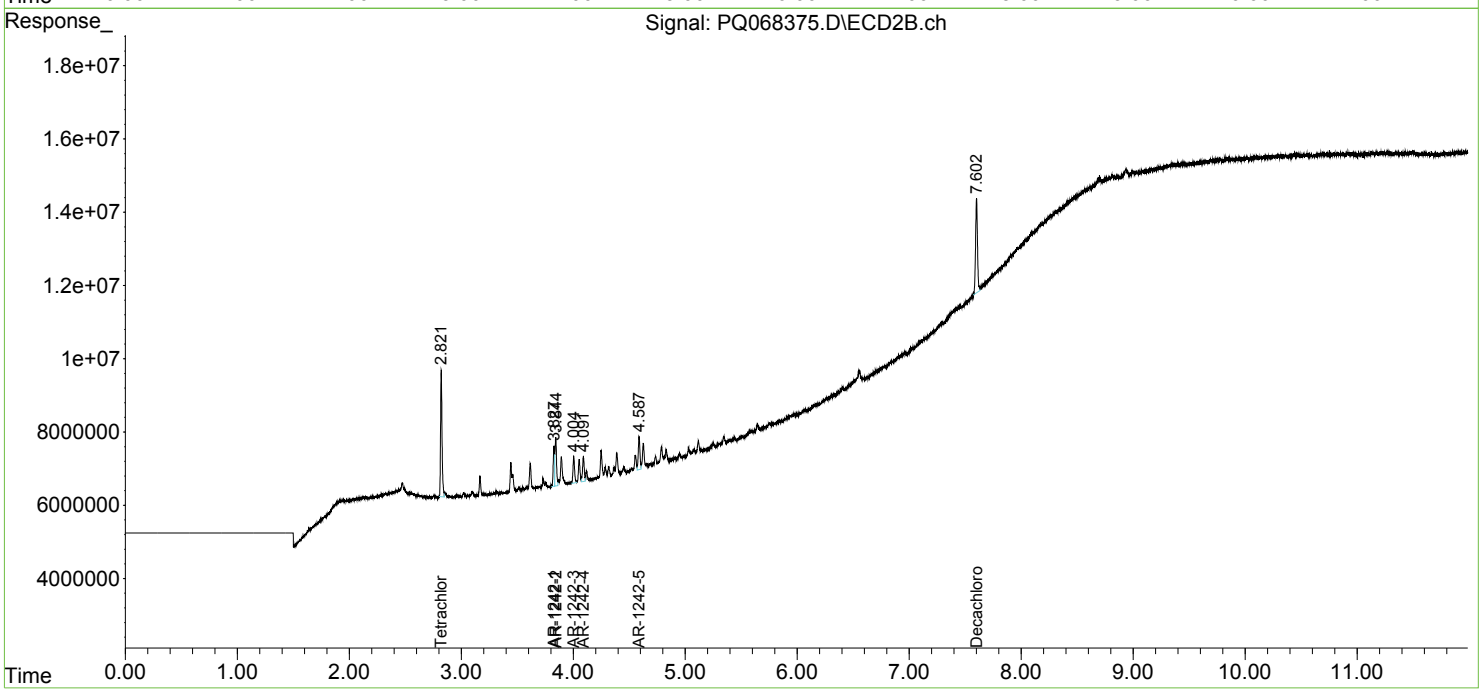
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068375.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 16:25
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

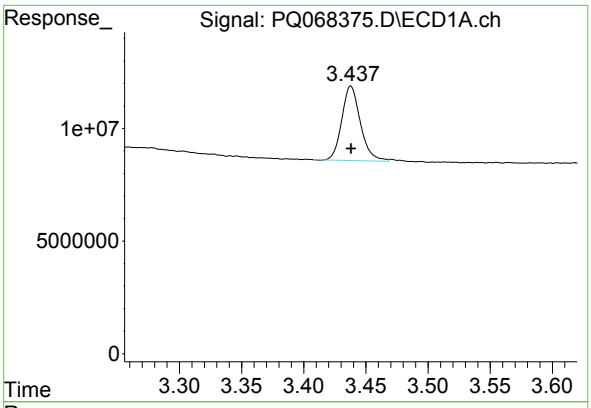
Instrument :
ECD_Q
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 03:12:04 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 03:08:39 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



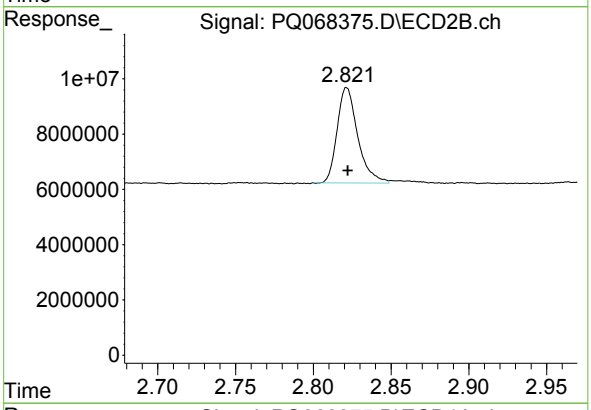




#1 Tetrachloro-m-xylene

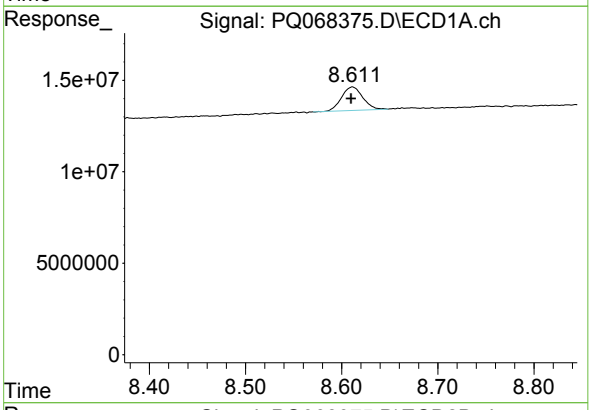
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 34439039
Conc: 4.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC050



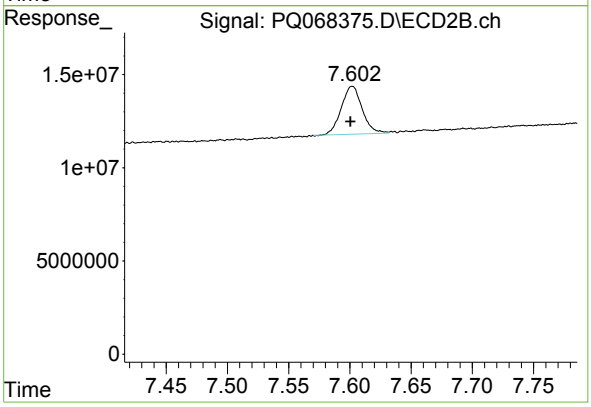
#1 Tetrachloro-m-xylene

R.T.: 2.821 min
Delta R.T.: 0.000 min
Response: 31857253
Conc: 4.41 ng/ml



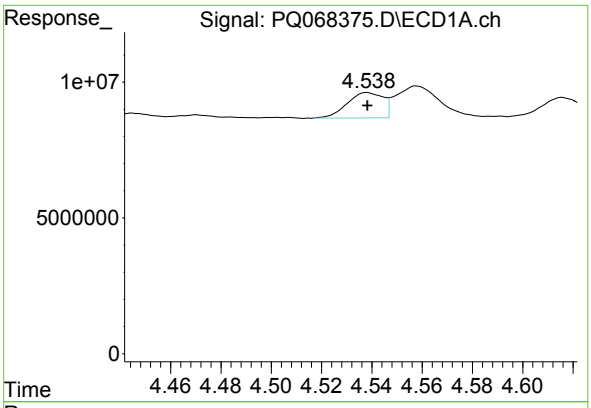
#2 Decachlorobiphenyl

R.T.: 8.611 min
Delta R.T.: 0.001 min
Response: 19787628
Conc: 4.55 ng/ml



#2 Decachlorobiphenyl

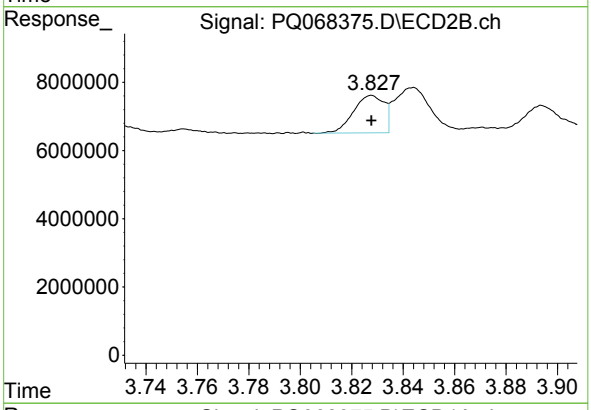
R.T.: 7.602 min
Delta R.T.: 0.002 min
Response: 30406491
Conc: 4.64 ng/ml



#16 AR-1242-1

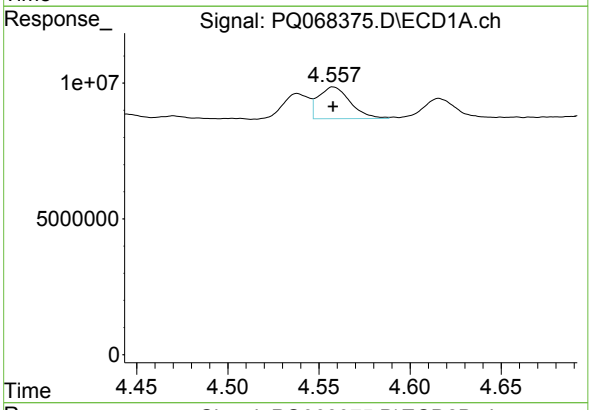
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 9314316
Conc: 50.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC050



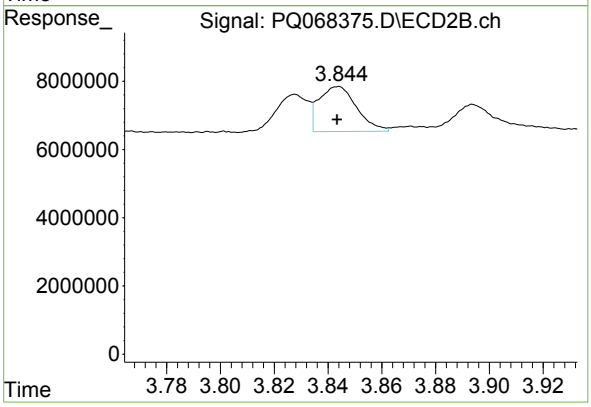
#16 AR-1242-1

R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 9027781
Conc: 49.17 ng/ml



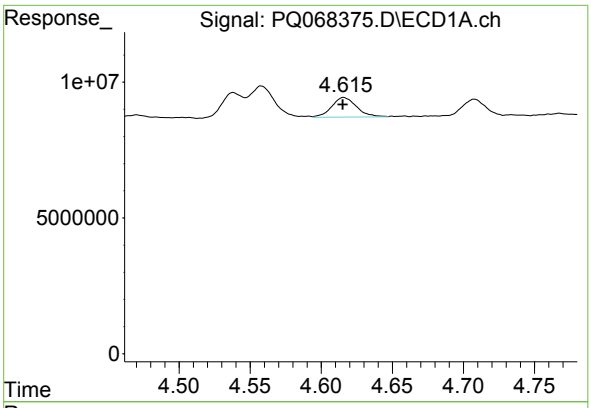
#17 AR-1242-2

R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 14194762
Conc: 50.34 ng/ml



#17 AR-1242-2

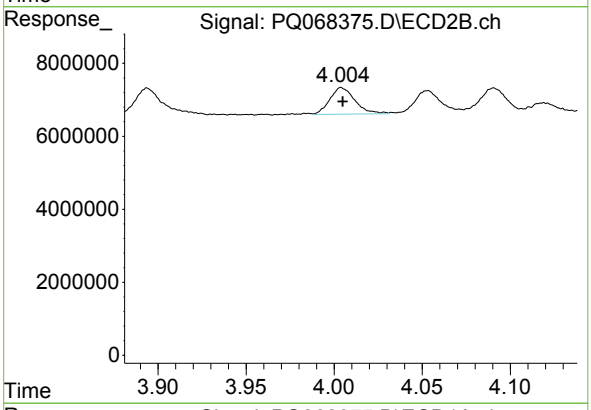
R.T.: 3.844 min
Delta R.T.: 0.000 min
Response: 12867763
Conc: 45.80 ng/ml



#18 AR-1242-3

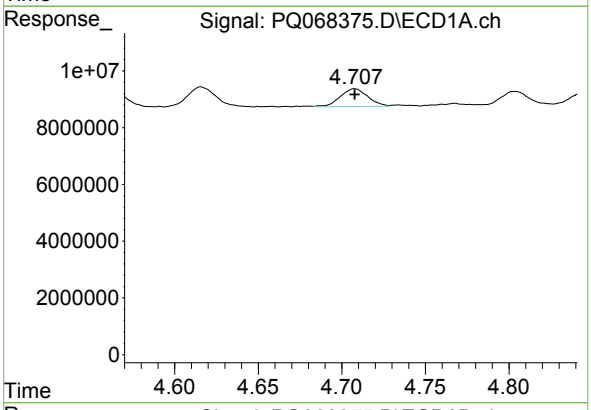
R.T.: 4.616 min
Delta R.T.: 0.000 min
Response: 8823820
Conc: 50.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC050



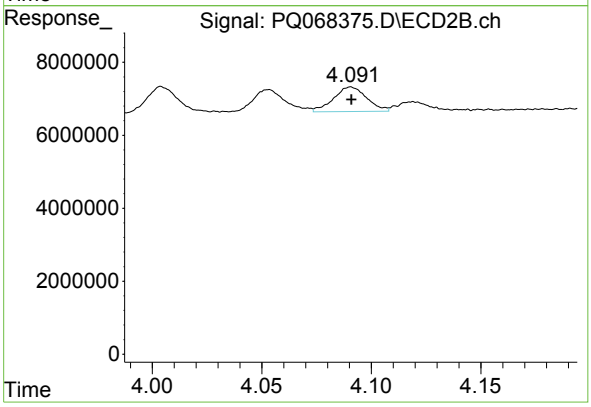
#18 AR-1242-3

R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 7228188
Conc: 48.11 ng/ml



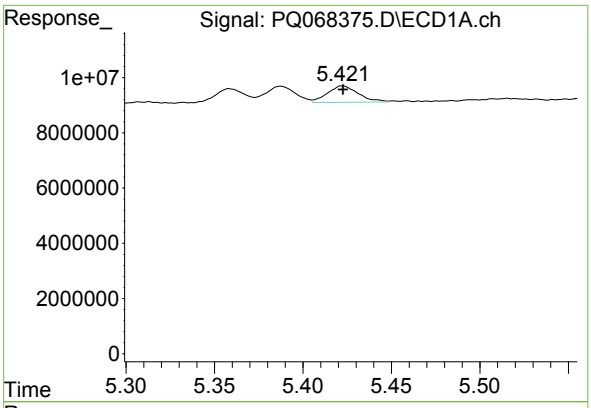
#19 AR-1242-4

R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 7159931
Conc: 49.92 ng/ml



#19 AR-1242-4

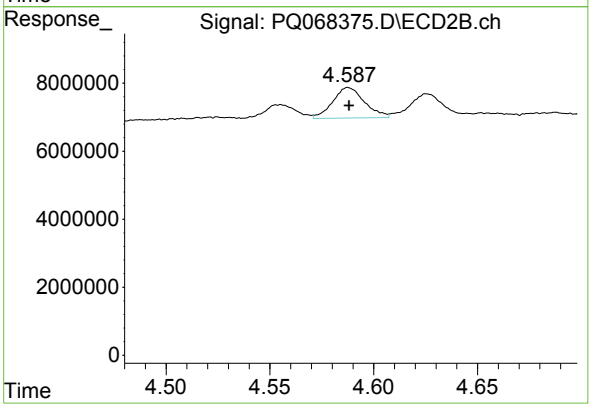
R.T.: 4.091 min
Delta R.T.: 0.000 min
Response: 7103071
Conc: 50.35 ng/ml



#20 AR-1242-5

R.T.: 5.422 min
Delta R.T.: 0.000 min
Response: 7218849
Conc: 49.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC050



#20 AR-1242-5

R.T.: 4.588 min
Delta R.T.: 0.000 min
Response: 9540862
Conc: 50.36 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068376.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 16:39
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 03:35:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 03:24:14 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	683.5E6	706.8E6	95.488	98.697
2)	SA Decachlor...	8.610	7.601	423.9E6	632.0E6	98.117	94.971
	Target Compounds						
21)	L5 AR-1248-1	4.539	3.828	132.2E6	135.2E6	930.175	934.390
22)	L5 AR-1248-2	4.803	4.053	180.6E6	201.9E6	910.556	923.561
23)	L5 AR-1248-3	4.994	4.091	219.9E6	195.9E6	922.614	930.640
24)	L5 AR-1248-4	5.388	4.249	243.9E6	241.9E6	931.769	934.270
25)	L5 AR-1248-5	5.423	4.626	243.9E6	243.9E6	954.068	944.700

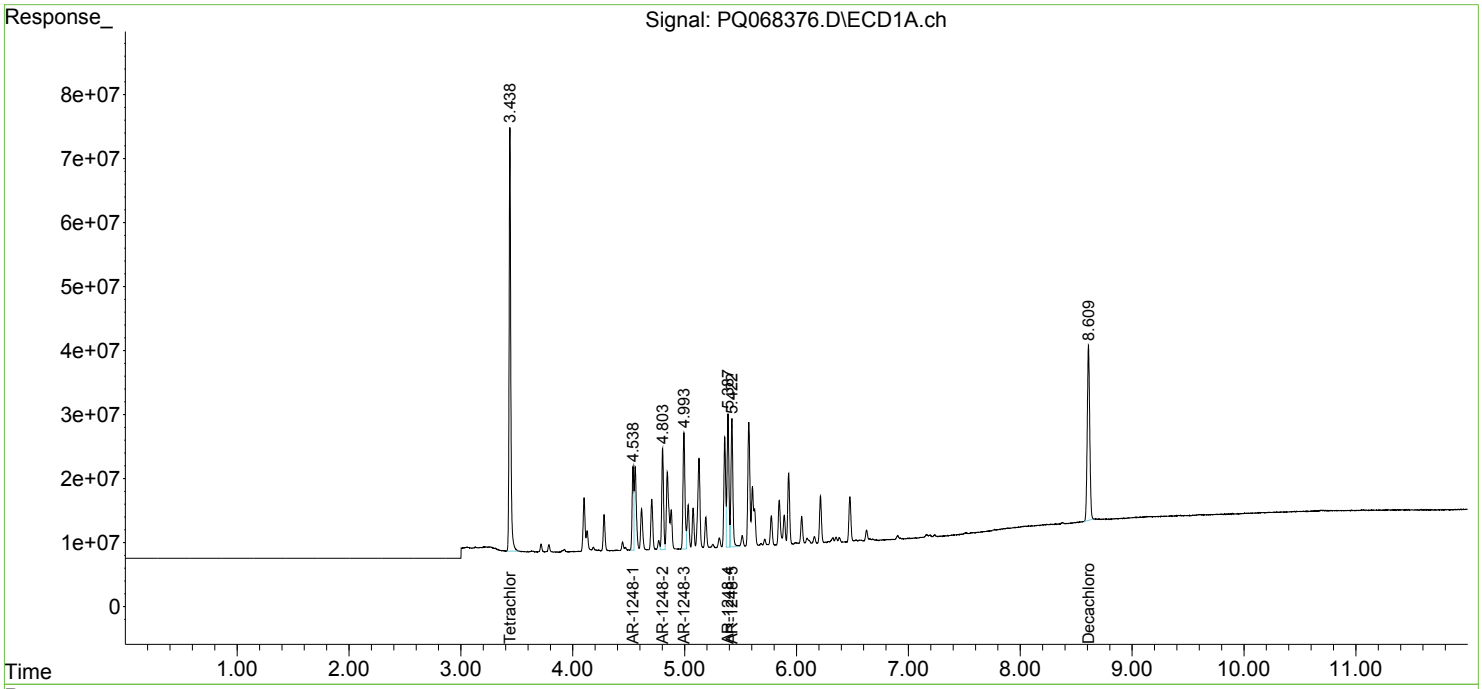
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

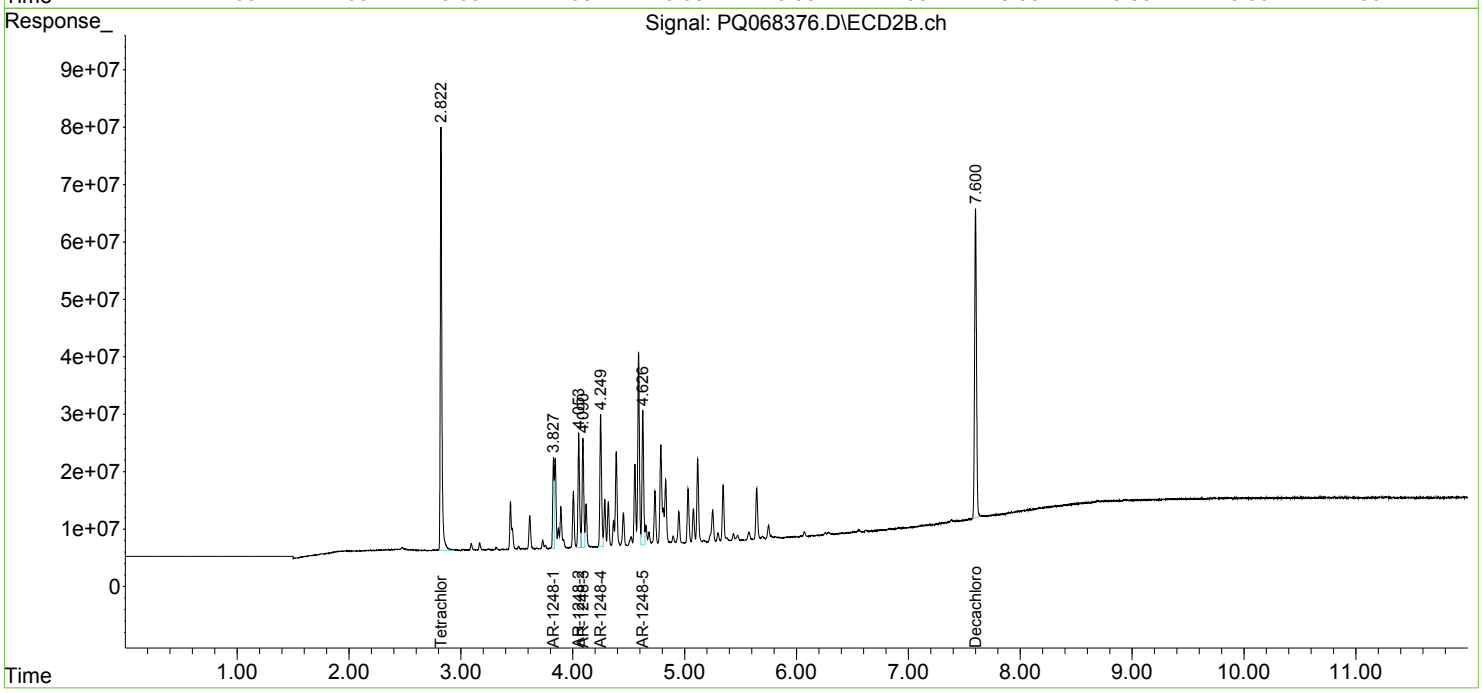
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068376.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 16:39
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

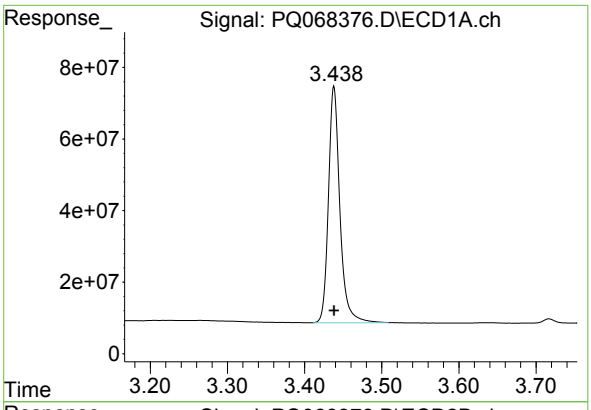
Instrument :
ECD_Q
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 03:35:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 03:24:14 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



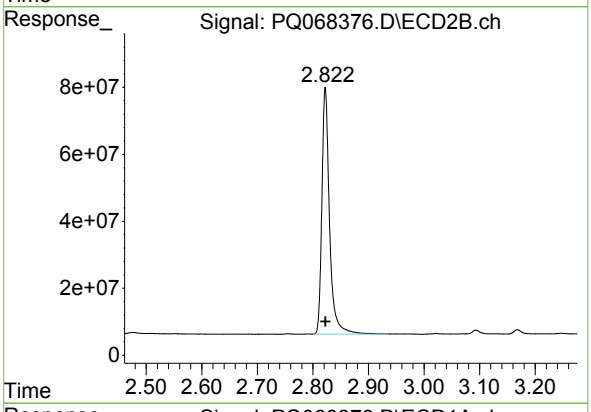




#1 Tetrachloro-m-xylene

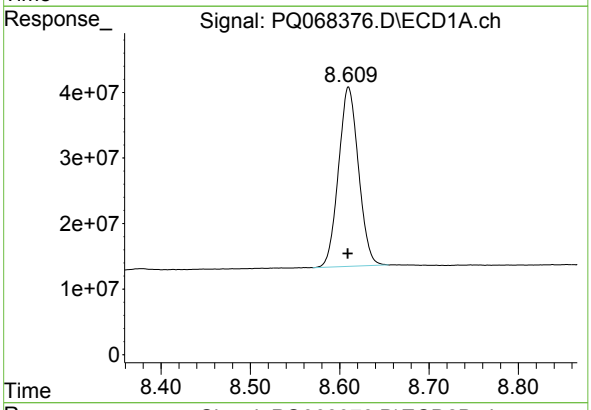
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 683514389
Conc: 95.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC1000



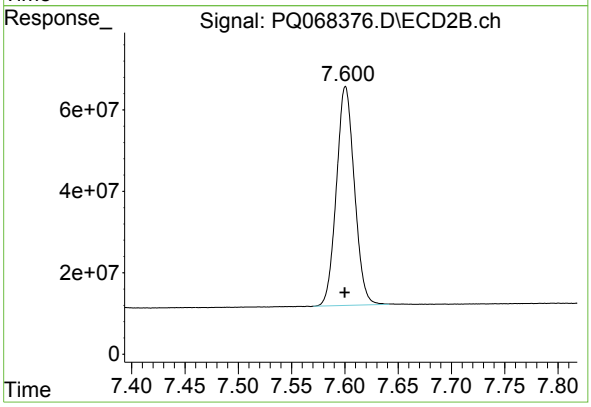
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 706842973
Conc: 98.70 ng/ml



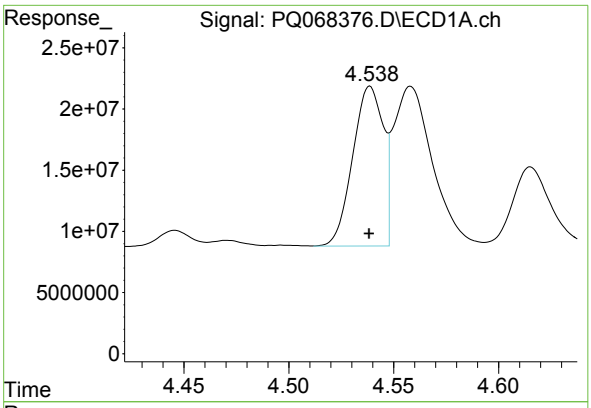
#2 Decachlorobiphenyl

R.T.: 8.610 min
Delta R.T.: 0.000 min
Response: 423882226
Conc: 98.12 ng/ml



#2 Decachlorobiphenyl

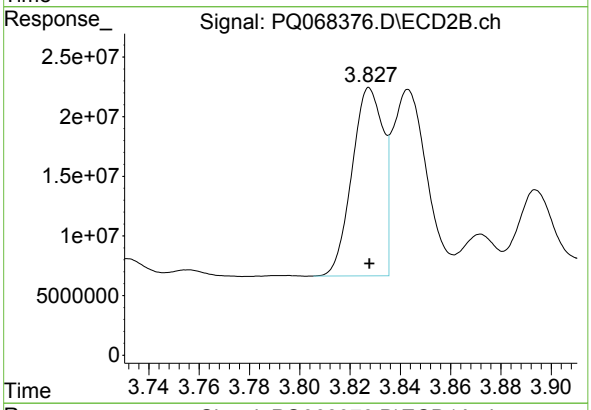
R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 632006017
Conc: 94.97 ng/ml



#21 AR-1248-1

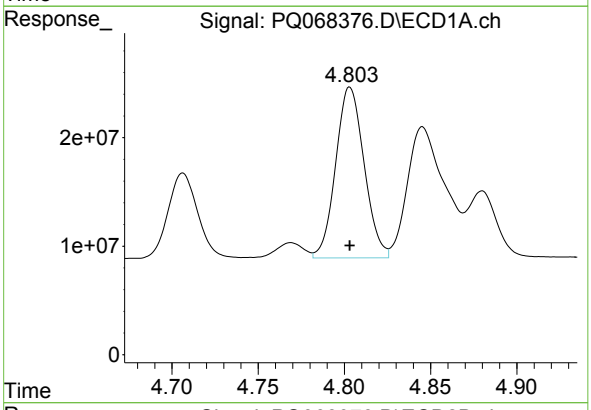
R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 132205779
Conc: 930.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC1000



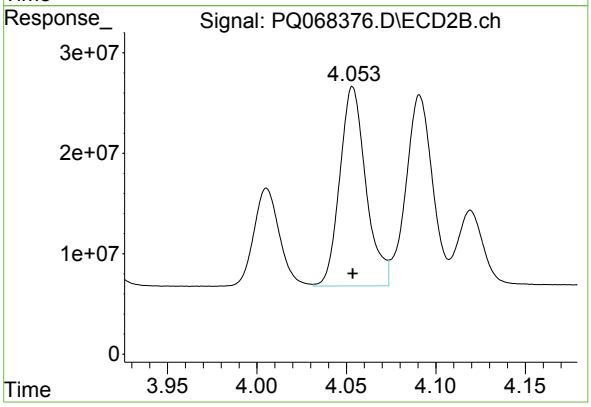
#21 AR-1248-1

R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 135243644
Conc: 934.39 ng/ml



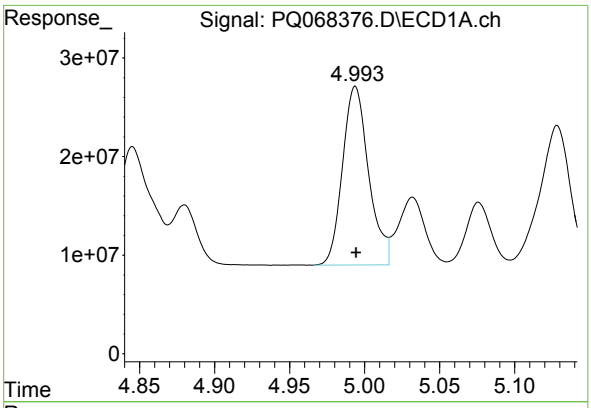
#22 AR-1248-2

R.T.: 4.803 min
Delta R.T.: 0.000 min
Response: 180560055
Conc: 910.56 ng/ml



#22 AR-1248-2

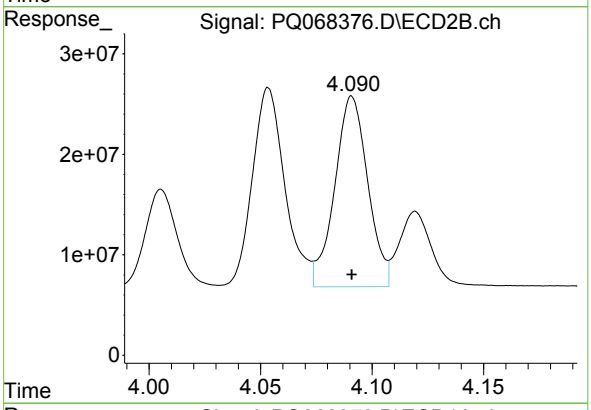
R.T.: 4.053 min
Delta R.T.: 0.000 min
Response: 201946561
Conc: 923.56 ng/ml



#23 AR-1248-3

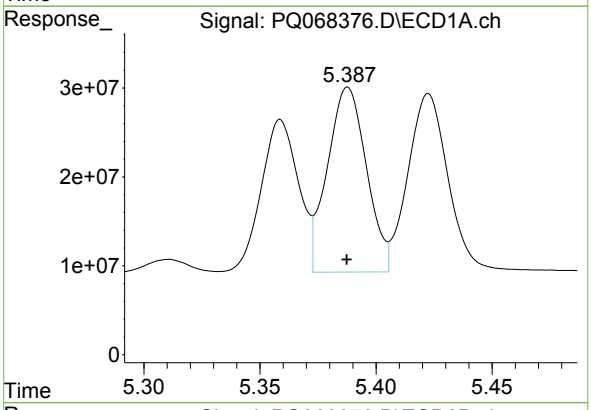
R.T.: 4.994 min
Delta R.T.: 0.000 min
Response: 219897588
Conc: 922.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC1000



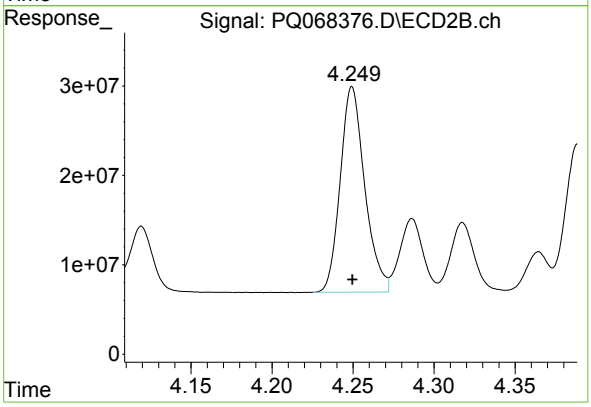
#23 AR-1248-3

R.T.: 4.091 min
Delta R.T.: 0.000 min
Response: 195902495
Conc: 930.64 ng/ml



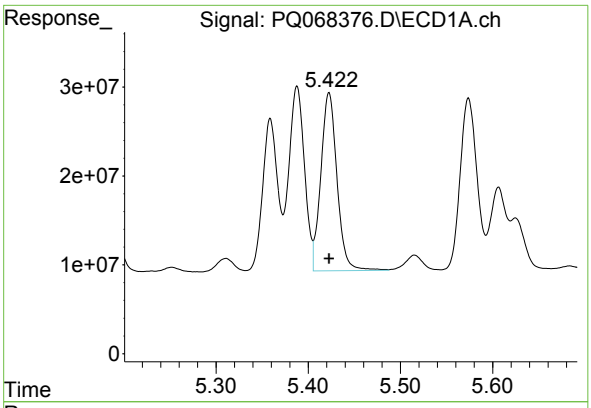
#24 AR-1248-4

R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 243913318
Conc: 931.77 ng/ml



#24 AR-1248-4

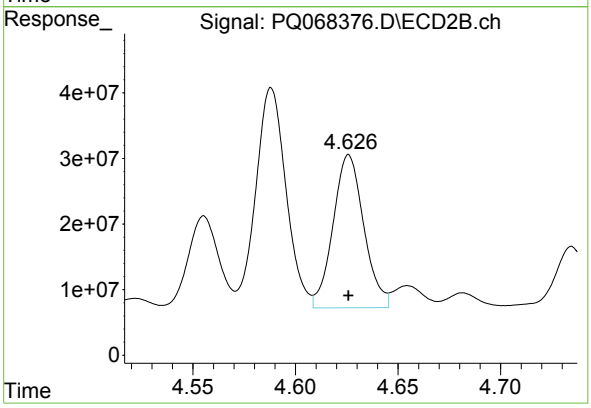
R.T.: 4.249 min
Delta R.T.: 0.000 min
Response: 241945718
Conc: 934.27 ng/ml



#25 AR-1248-5

R.T.: 5.423 min
Delta R.T.: 0.000 min
Response: 243858950
Conc: 954.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC1000



#25 AR-1248-5

R.T.: 4.626 min
Delta R.T.: 0.000 min
Response: 243933640
Conc: 944.70 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068377.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 16:54
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 03:33:49 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 03:24:14 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	525.6E6	537.2E6	72.918	75.004
2)	SA Decachlor...	8.609	7.601	321.6E6	481.0E6	74.249	71.421
	Target Compounds						
21)	L5 AR-1248-1	4.538	3.828	102.6E6	104.8E6	713.083	715.939
22)	L5 AR-1248-2	4.803	4.053	139.7E6	155.8E6	690.251	700.706
23)	L5 AR-1248-3	4.994	4.091	169.3E6	151.7E6	698.041	711.141
24)	L5 AR-1248-4	5.387	4.249	187.8E6	185.9E6	706.950	707.906
25)	L5 AR-1248-5	5.422	4.627	187.4E6	186.9E6	727.572	715.319

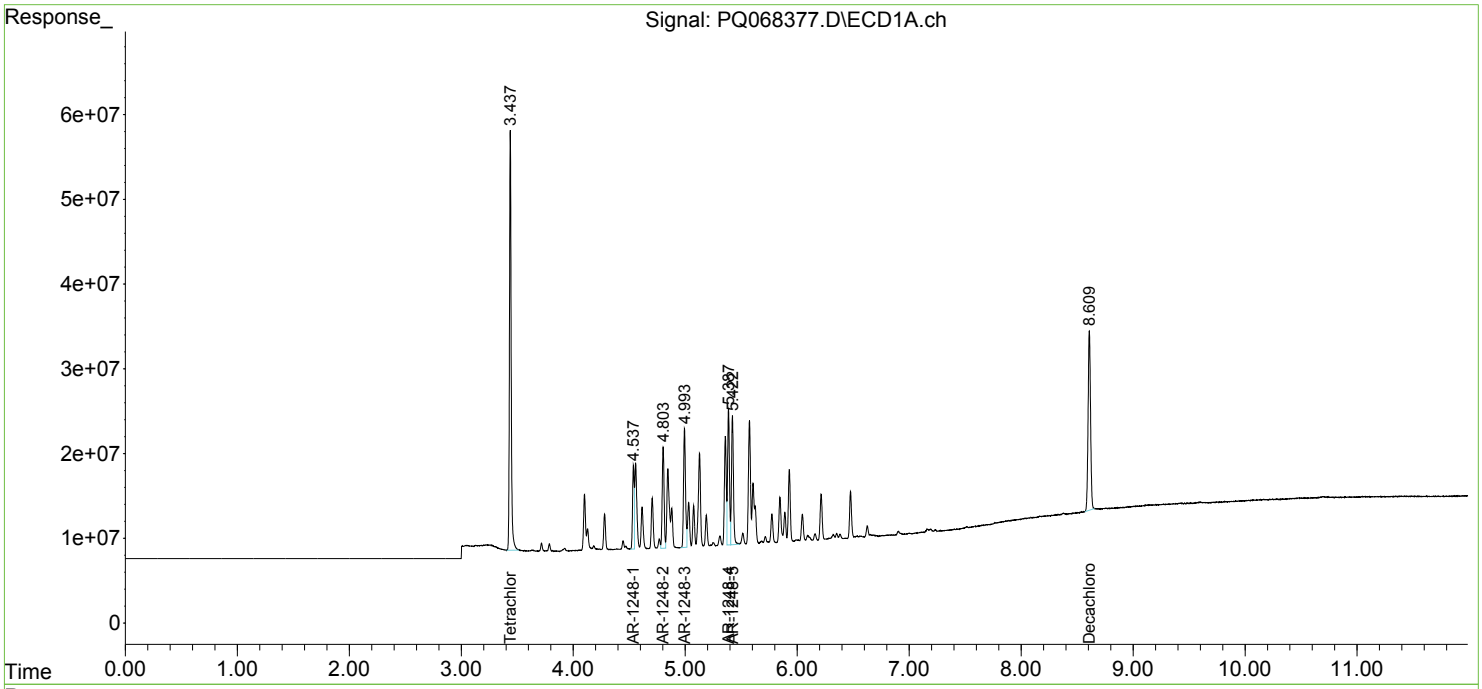
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

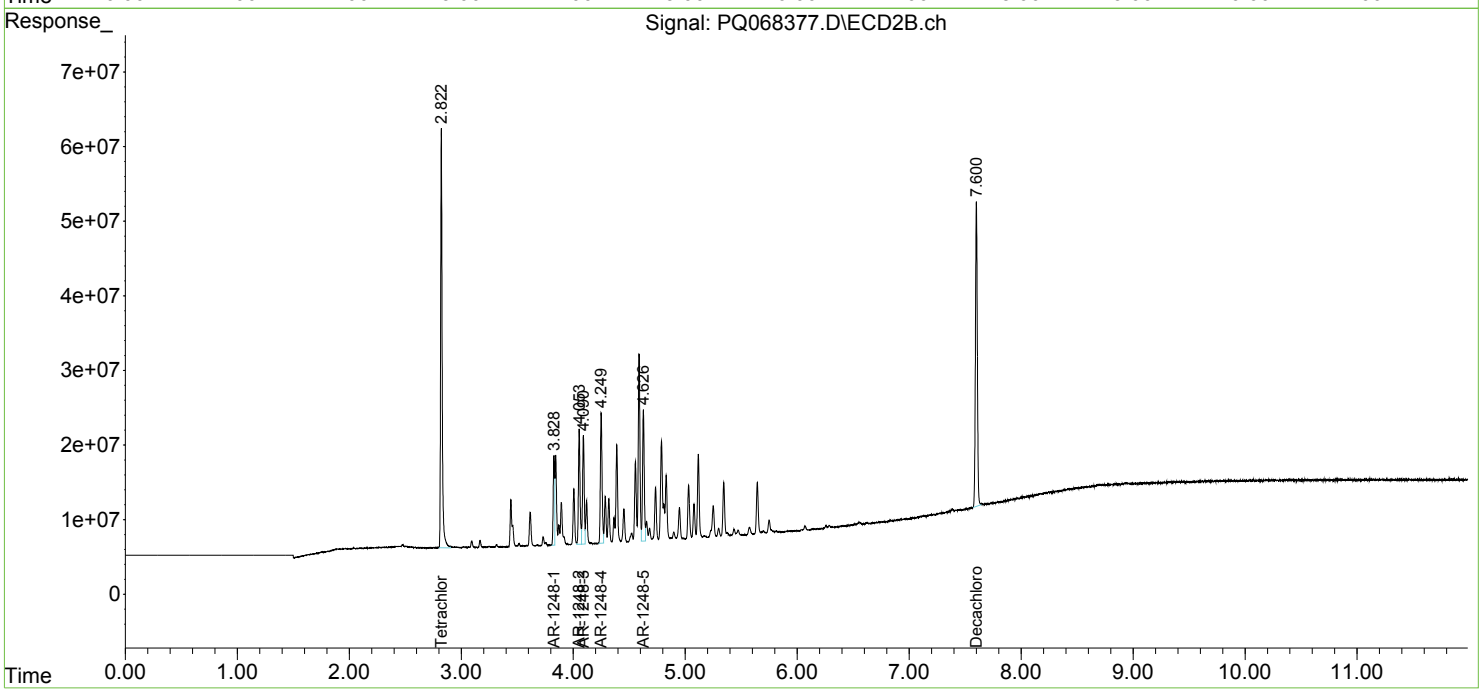
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068377.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 16:54
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

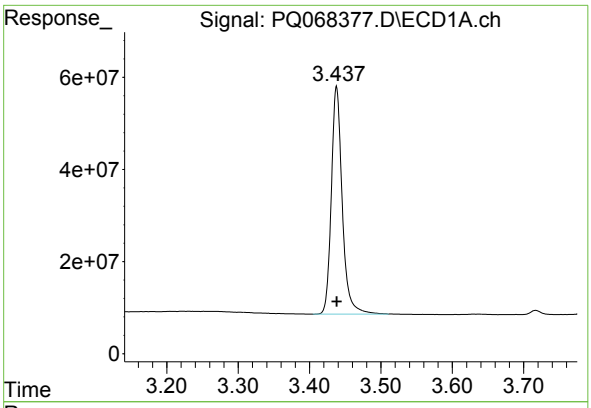
Instrument :
ECD_Q
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 03:33:49 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 03:24:14 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



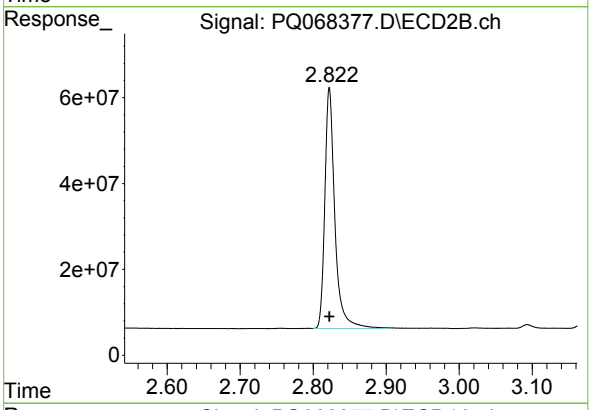




#1 Tetrachloro-m-xylene

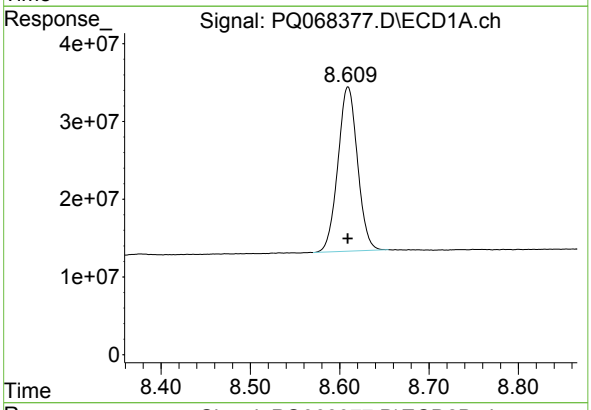
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 525600155
Conc: 72.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC750



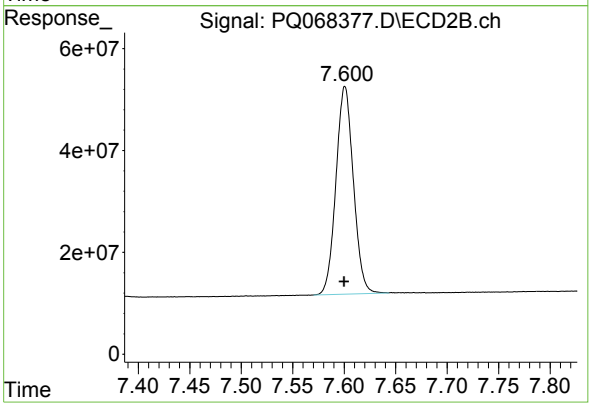
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 537152590
Conc: 75.00 ng/ml



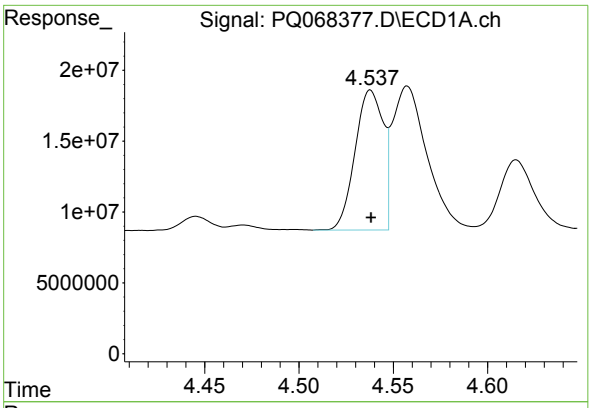
#2 Decachlorobiphenyl

R.T.: 8.609 min
Delta R.T.: 0.000 min
Response: 321574348
Conc: 74.25 ng/ml



#2 Decachlorobiphenyl

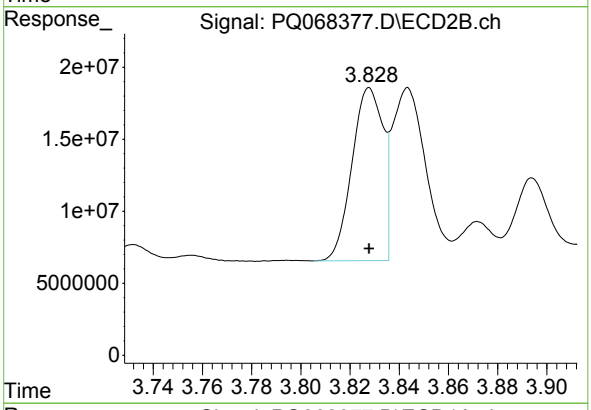
R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 481025848
Conc: 71.42 ng/ml



#21 AR-1248-1

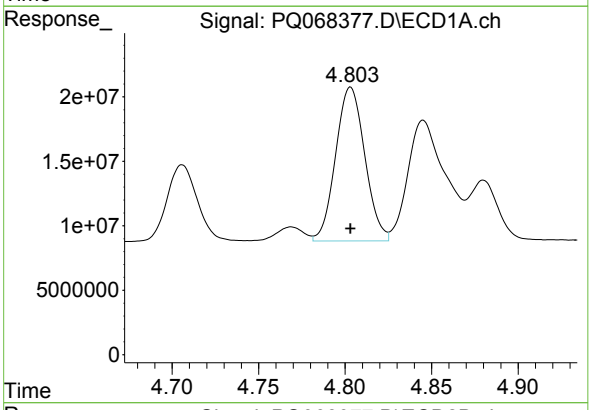
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 102613231
Conc: 713.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC750



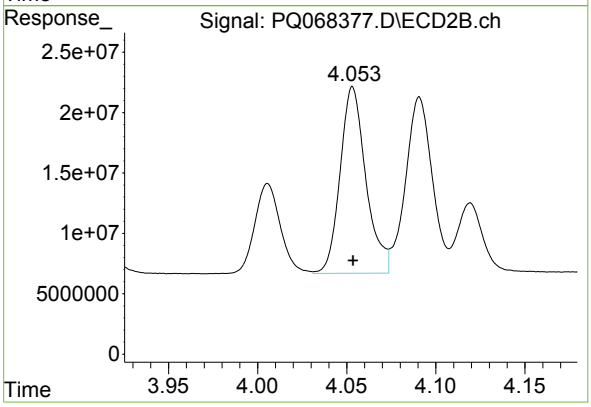
#21 AR-1248-1

R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 104815173
Conc: 715.94 ng/ml



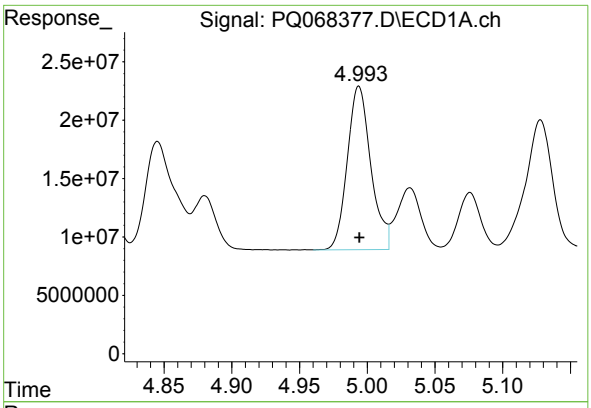
#22 AR-1248-2

R.T.: 4.803 min
Delta R.T.: 0.000 min
Response: 139655758
Conc: 690.25 ng/ml



#22 AR-1248-2

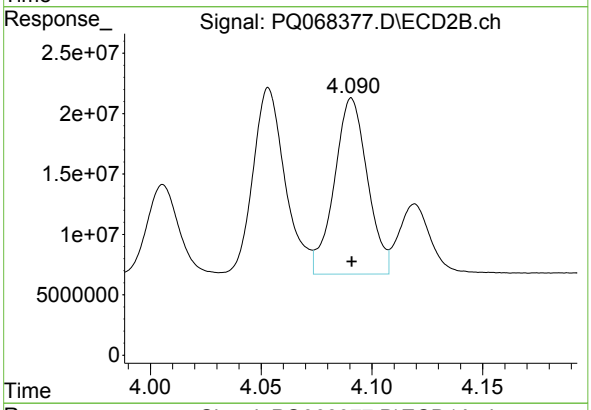
R.T.: 4.053 min
Delta R.T.: 0.000 min
Response: 155776576
Conc: 700.71 ng/ml



#23 AR-1248-3

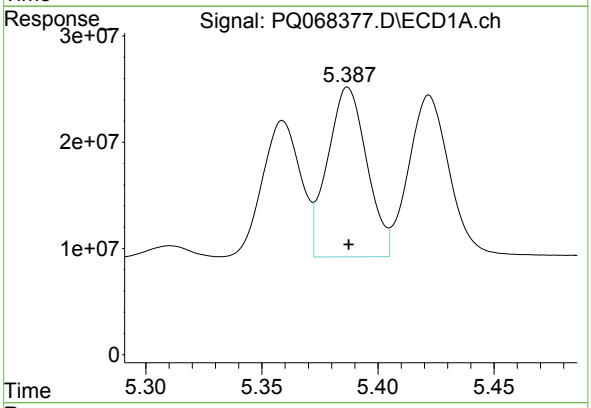
R.T.: 4.994 min
Delta R.T.: 0.000 min
Response: 169304606
Conc: 698.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC750



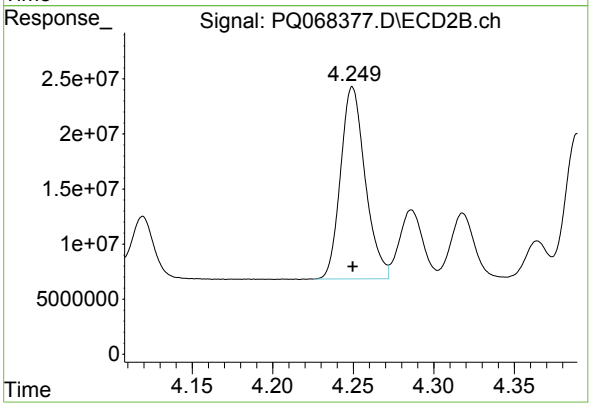
#23 AR-1248-3

R.T.: 4.091 min
Delta R.T.: 0.000 min
Response: 151661705
Conc: 711.14 ng/ml



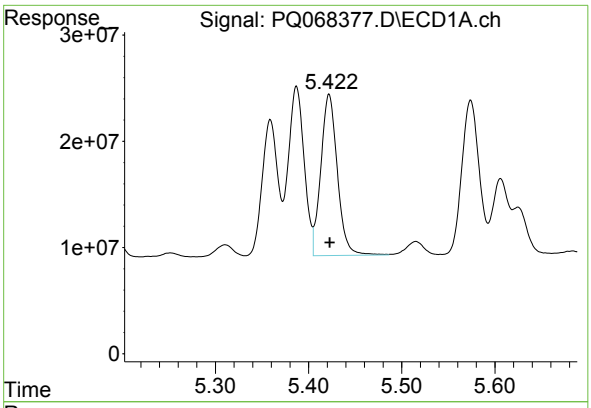
#24 AR-1248-4

R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 187755783
Conc: 706.95 ng/ml



#24 AR-1248-4

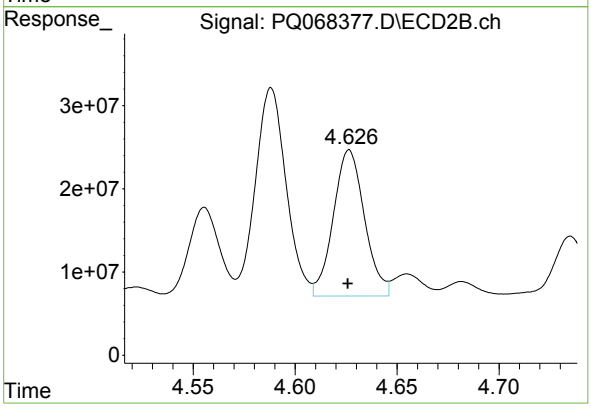
R.T.: 4.249 min
Delta R.T.: 0.000 min
Response: 185933692
Conc: 707.91 ng/ml



#25 AR-1248-5

R.T.: 5.422 min
Delta R.T.: 0.000 min
Response: 187367563
Conc: 727.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC750



#25 AR-1248-5

R.T.: 4.627 min
Delta R.T.: 0.000 min
Response: 186864594
Conc: 715.32 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068378.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 17:08
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 03:28:37 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 03:24:14 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	363.4E6	369.1E6	50.000	50.000
2)	SA Decachlor...	8.609	7.600	221.9E6	335.9E6	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	4.538	3.828	71524506	72819761	500.000	500.000
22)	L5 AR-1248-2	4.803	4.053	98705547	110.1E6	500.000	500.000
23)	L5 AR-1248-3	4.994	4.091	118.2E6	106.0E6	500.000	500.000
24)	L5 AR-1248-4	5.387	4.250	131.0E6	130.4E6	500.000	500.000
25)	L5 AR-1248-5	5.423	4.626	130.6E6	130.4E6	500.000	500.000

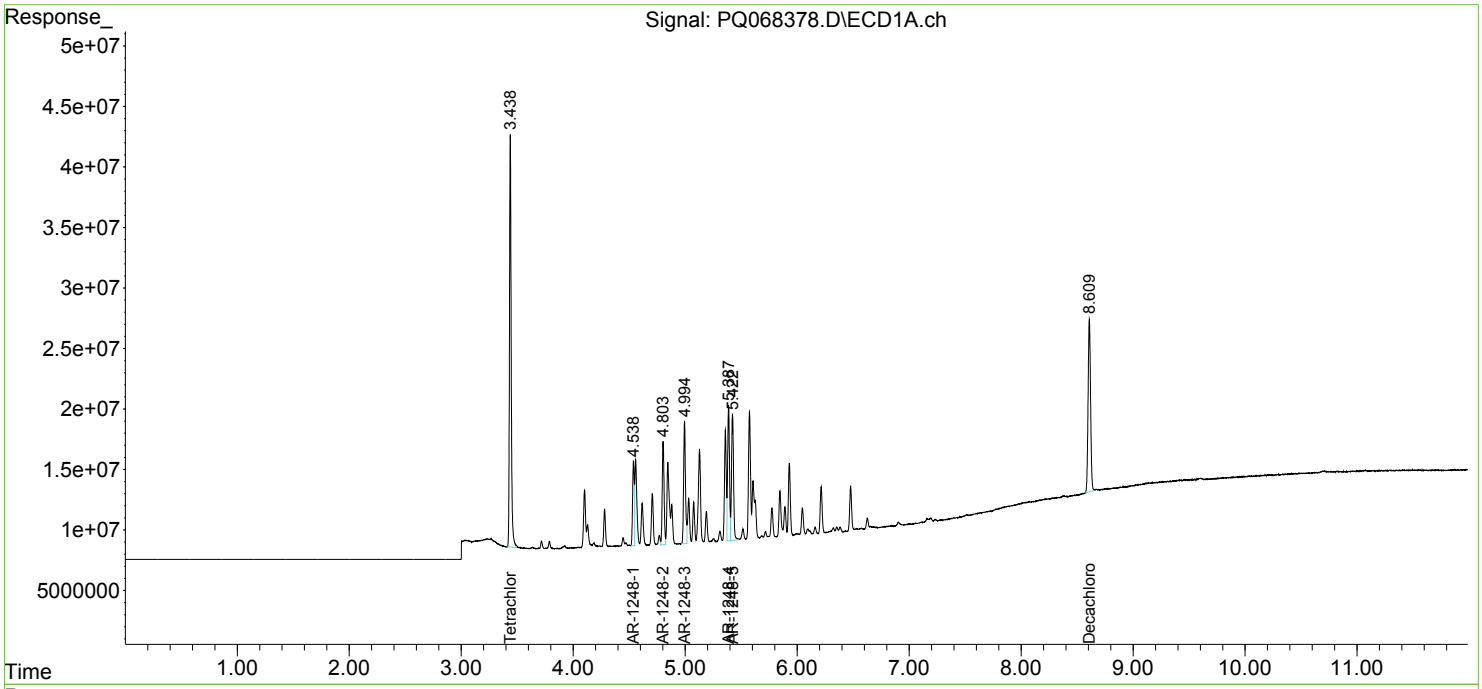
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

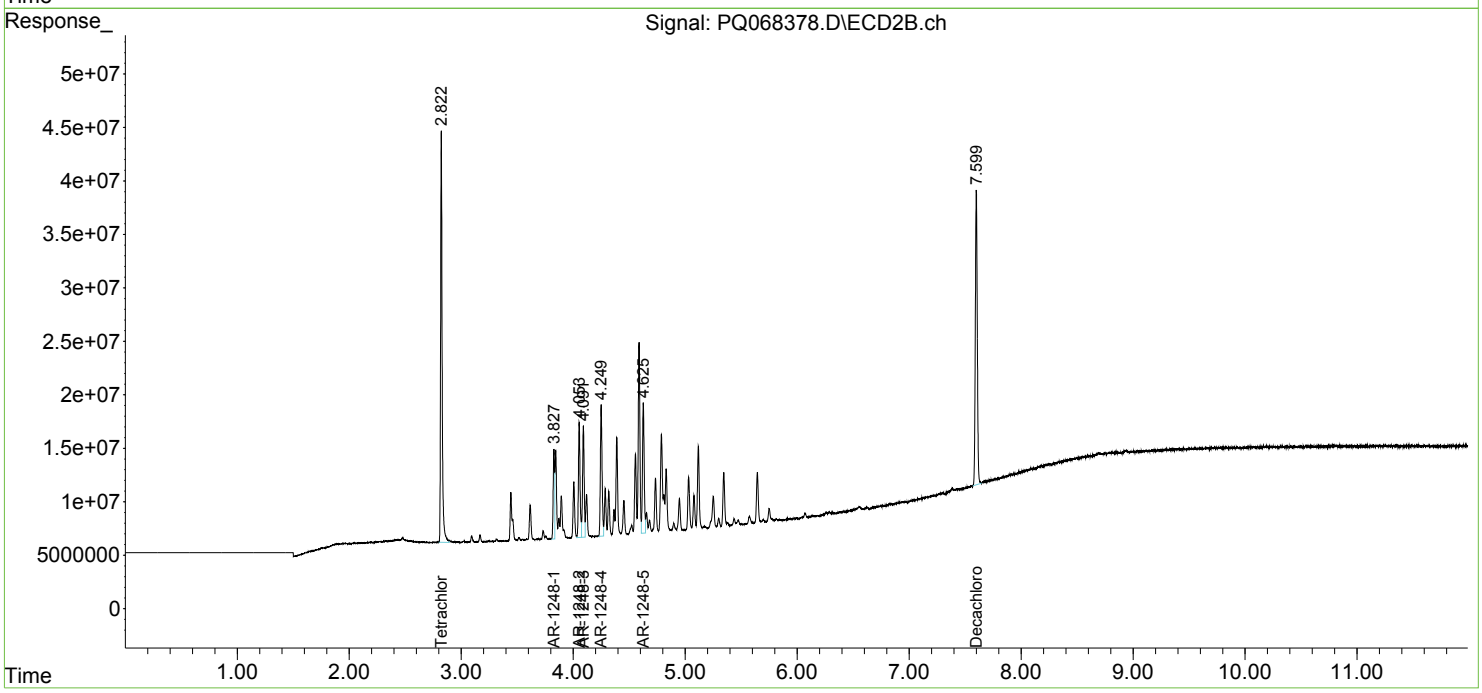
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068378.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 17:08
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

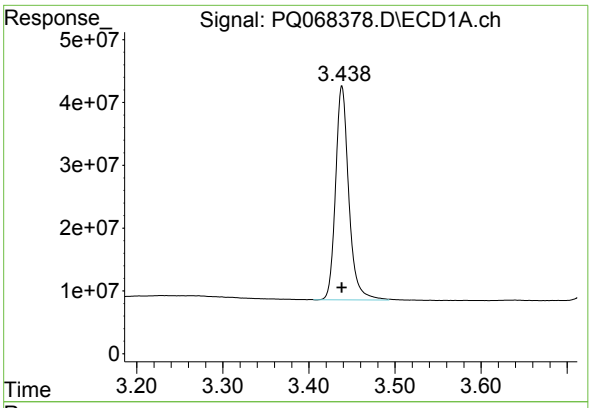
Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 03:28:37 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 03:24:14 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



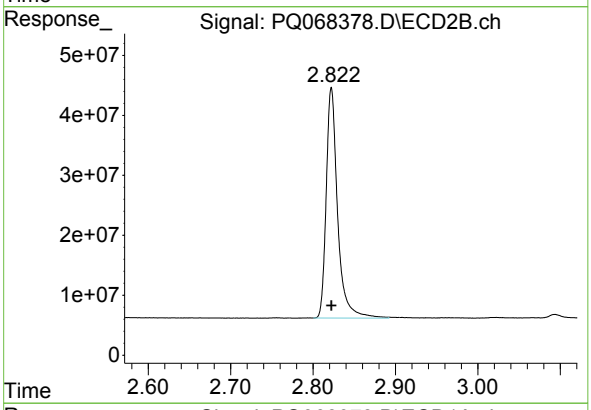




#1 Tetrachloro-m-xylene

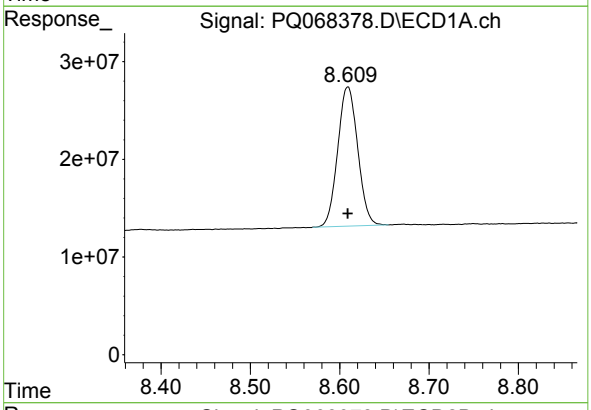
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 363364159
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500



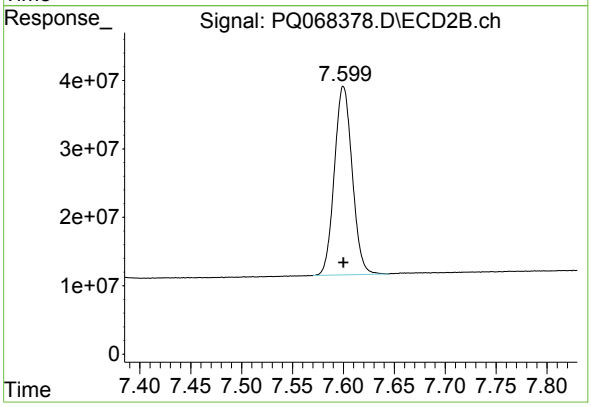
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 369064221
Conc: 50.00 ng/ml



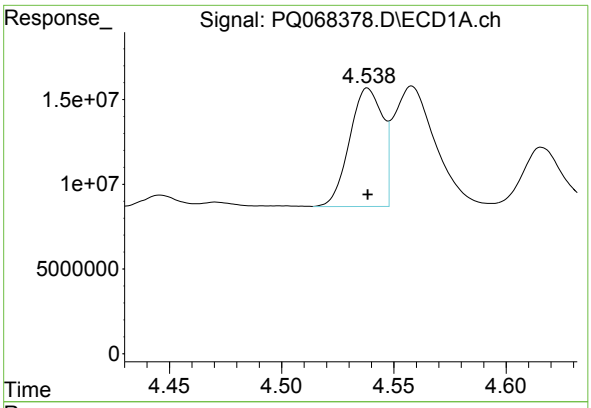
#2 Decachlorobiphenyl

R.T.: 8.609 min
Delta R.T.: 0.000 min
Response: 221932616
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

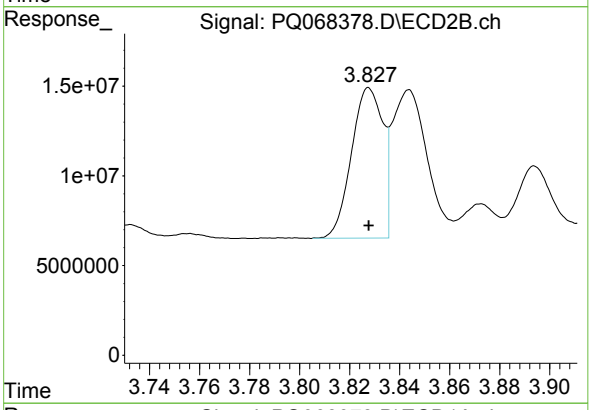
R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 335894060
Conc: 50.00 ng/ml



#21 AR-1248-1

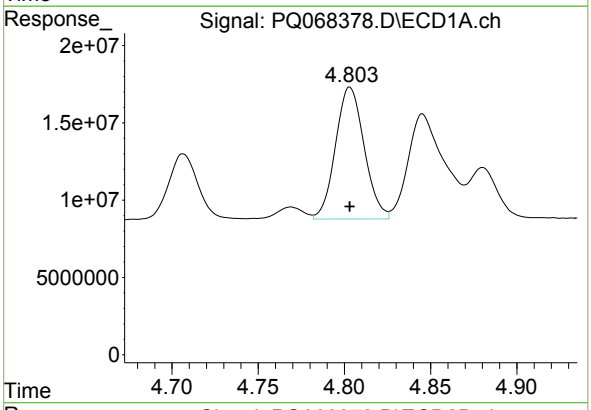
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 71524506
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500



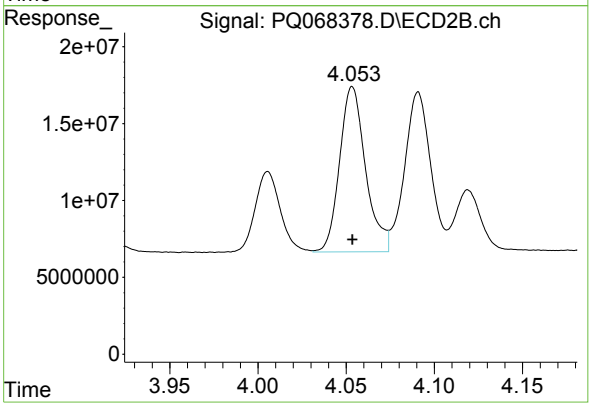
#21 AR-1248-1

R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 72819761
Conc: 500.00 ng/ml



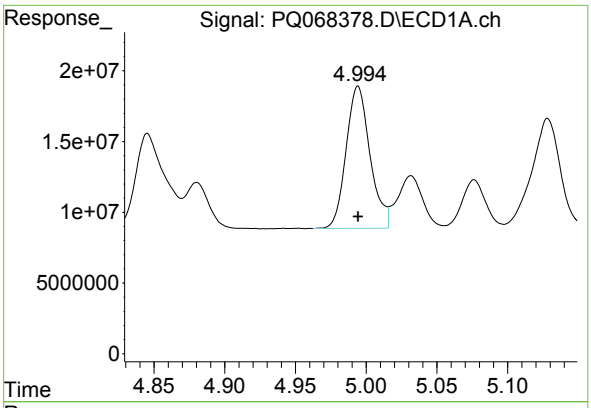
#22 AR-1248-2

R.T.: 4.803 min
Delta R.T.: 0.000 min
Response: 98705547
Conc: 500.00 ng/ml



#22 AR-1248-2

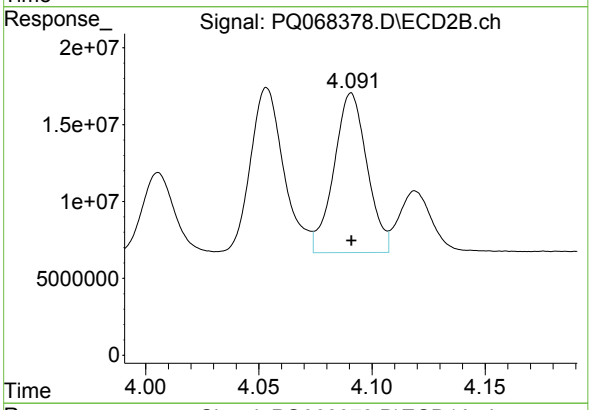
R.T.: 4.053 min
Delta R.T.: 0.000 min
Response: 110121769
Conc: 500.00 ng/ml



#23 AR-1248-3

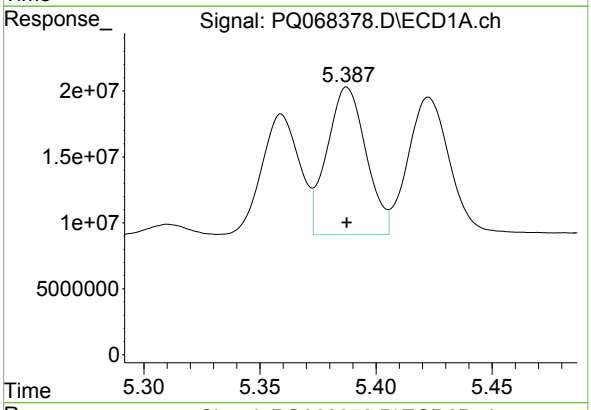
R.T.: 4.994 min
Delta R.T.: 0.000 min
Response: 118248344
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500



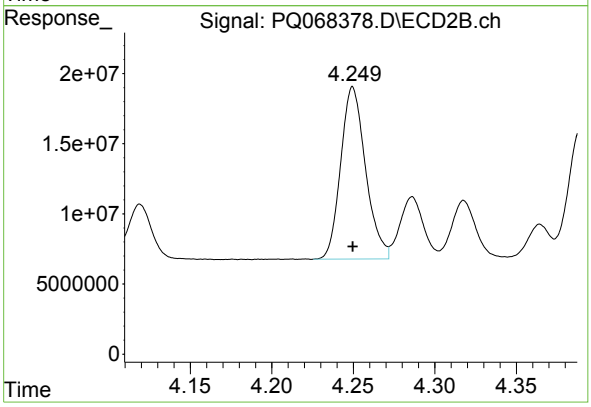
#23 AR-1248-3

R.T.: 4.091 min
Delta R.T.: 0.000 min
Response: 105968558
Conc: 500.00 ng/ml



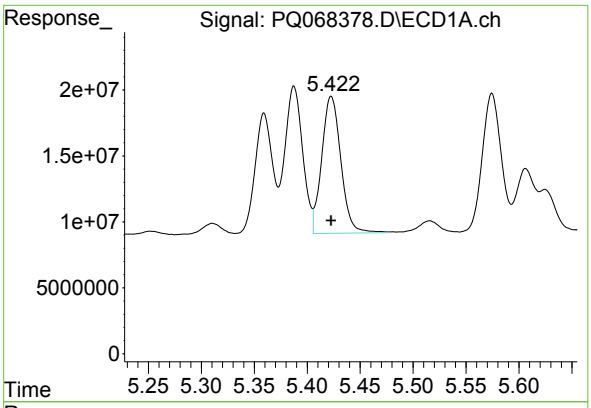
#24 AR-1248-4

R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 130994380
Conc: 500.00 ng/ml



#24 AR-1248-4

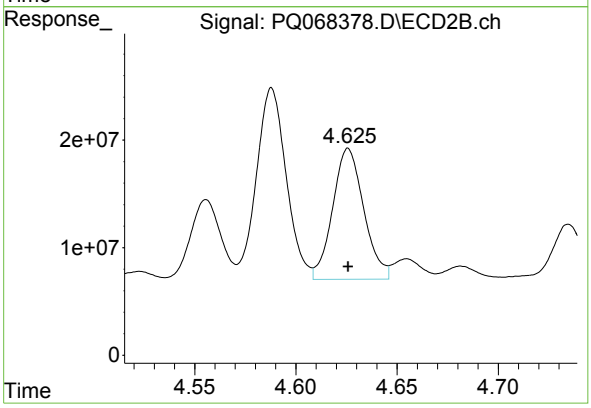
R.T.: 4.250 min
Delta R.T.: 0.000 min
Response: 130365141
Conc: 500.00 ng/ml



#25 AR-1248-5

R.T.: 5.423 min
Delta R.T.: 0.000 min
Response: 130638740
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500



#25 AR-1248-5

R.T.: 4.626 min
Delta R.T.: 0.000 min
Response: 130399707
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068379.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 17:23
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 03:32:23 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 03:24:14 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	187.9E6	186.4E6	26.640	26.570
2)	SA Decachlor...	8.610	7.600	112.3E6	169.5E6	26.420	25.245
	Target Compounds						
21)	L5 AR-1248-1	4.539	3.828	37720559	37858049	268.645	263.109
22)	L5 AR-1248-2	4.803	4.053	52159372	57848436	261.883	265.636
23)	L5 AR-1248-3	4.994	4.091	62802721	55235503	263.646	263.746
24)	L5 AR-1248-4	5.387	4.250	68335893	67477390	261.116	260.505
25)	L5 AR-1248-5	5.423	4.626	67839346	67228271	270.699	261.190

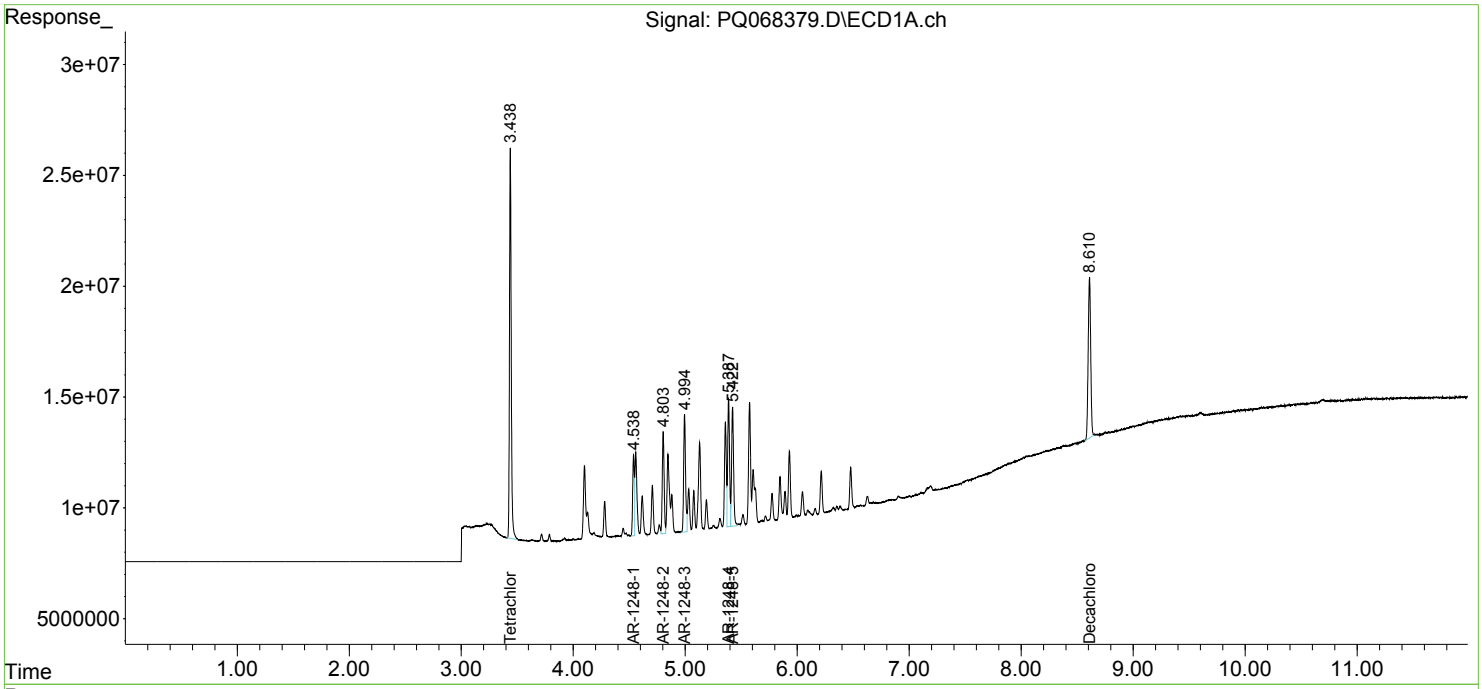
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

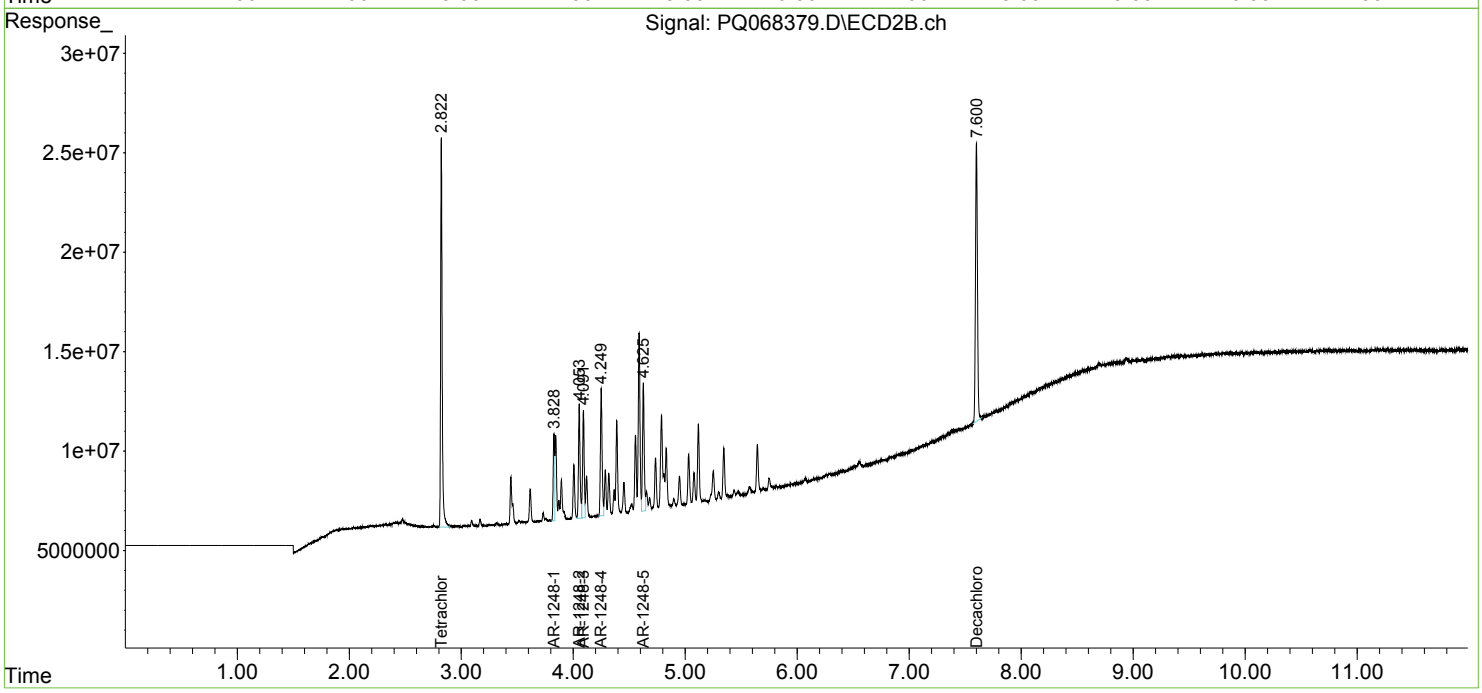
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068379.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 17:23
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

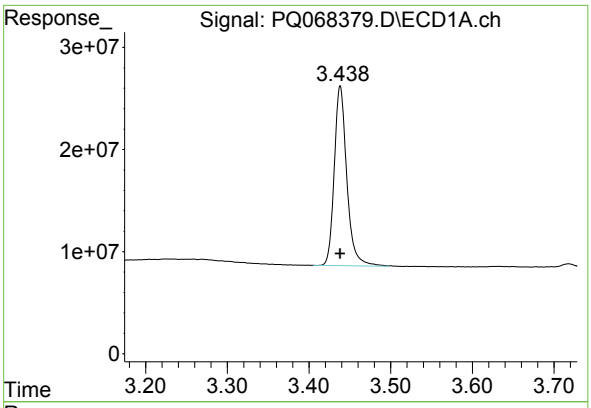
Instrument :
ECD_Q
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 03:32:23 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 03:24:14 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



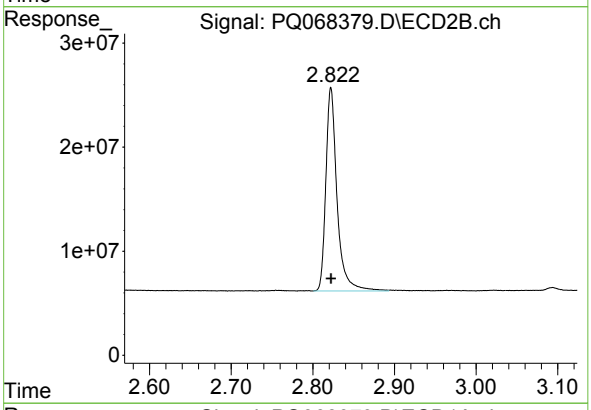




#1 Tetrachloro-m-xylene

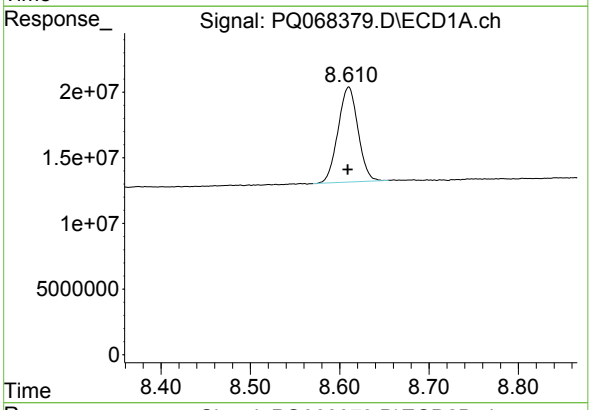
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 187915175
Conc: 26.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC250



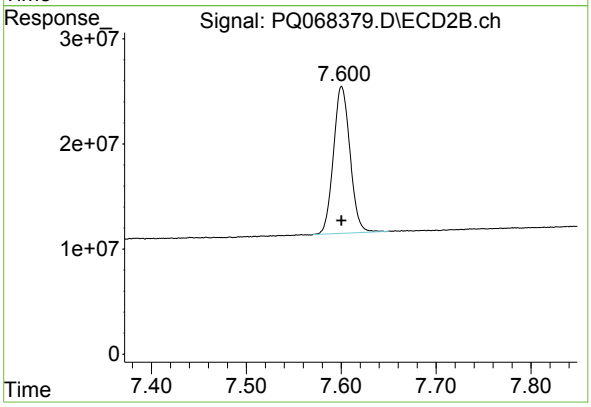
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 186386461
Conc: 26.57 ng/ml



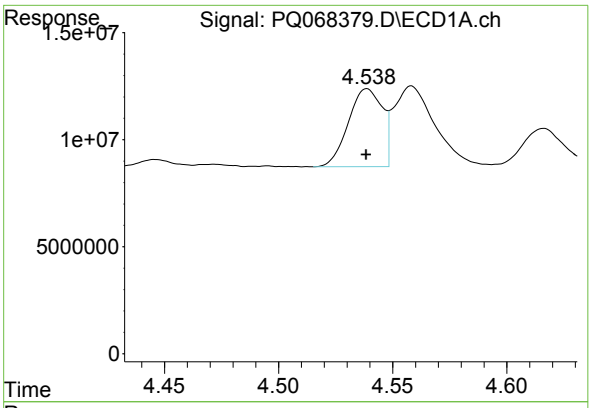
#2 Decachlorobiphenyl

R.T.: 8.610 min
Delta R.T.: 0.000 min
Response: 112297916
Conc: 26.42 ng/ml



#2 Decachlorobiphenyl

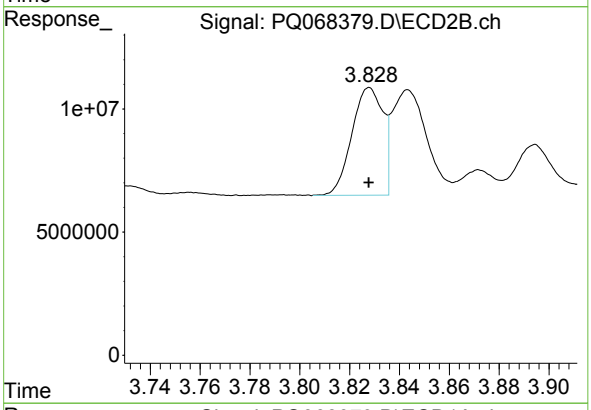
R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 169471901
Conc: 25.24 ng/ml



#21 AR-1248-1

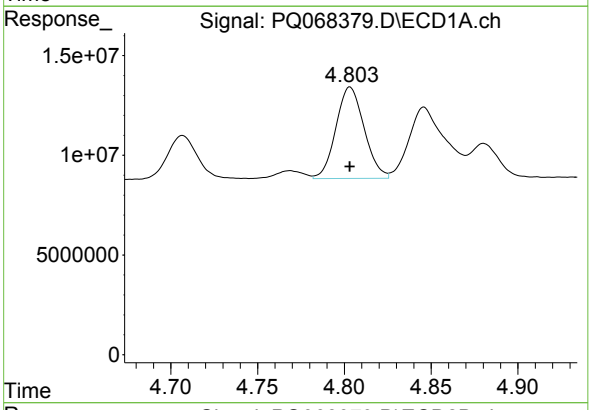
R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 37720559
Conc: 268.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC250



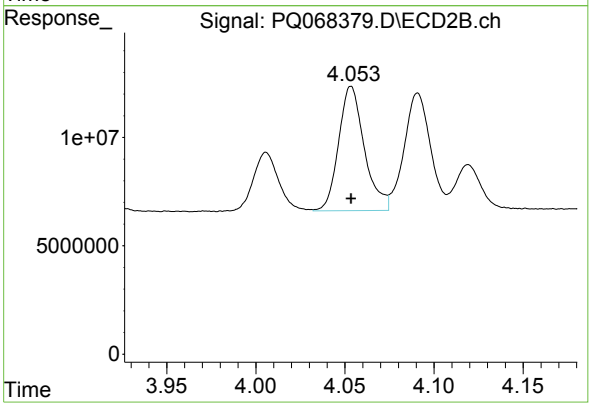
#21 AR-1248-1

R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 37858049
Conc: 263.11 ng/ml



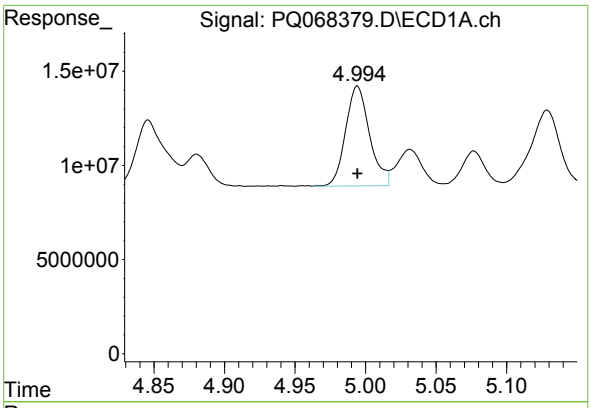
#22 AR-1248-2

R.T.: 4.803 min
Delta R.T.: 0.000 min
Response: 52159372
Conc: 261.88 ng/ml



#22 AR-1248-2

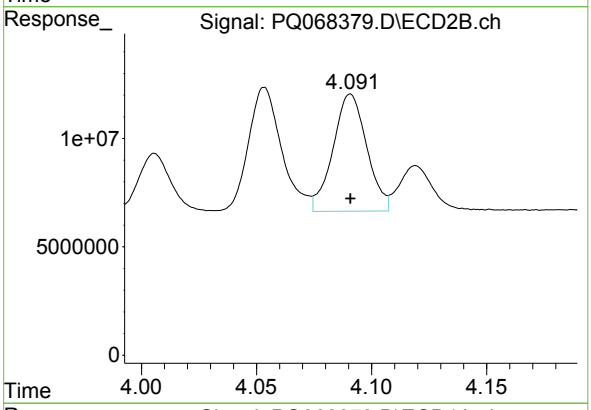
R.T.: 4.053 min
Delta R.T.: 0.000 min
Response: 57848436
Conc: 265.64 ng/ml



#23 AR-1248-3

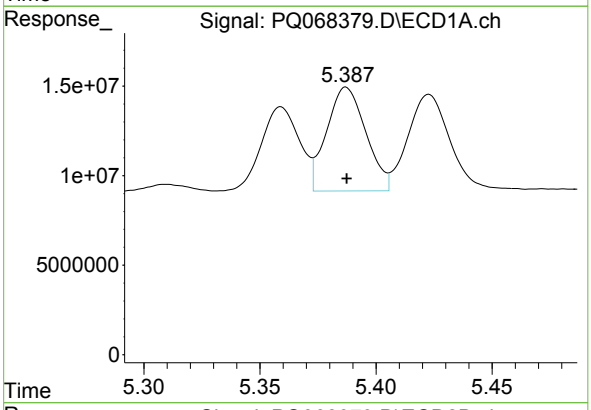
R.T.: 4.994 min
Delta R.T.: 0.000 min
Response: 62802721
Conc: 263.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC250



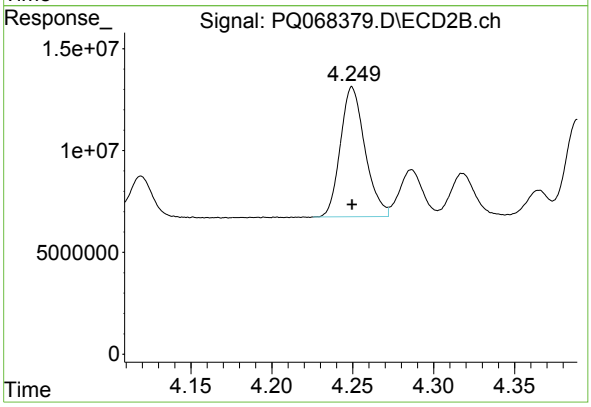
#23 AR-1248-3

R.T.: 4.091 min
Delta R.T.: 0.000 min
Response: 55235503
Conc: 263.75 ng/ml



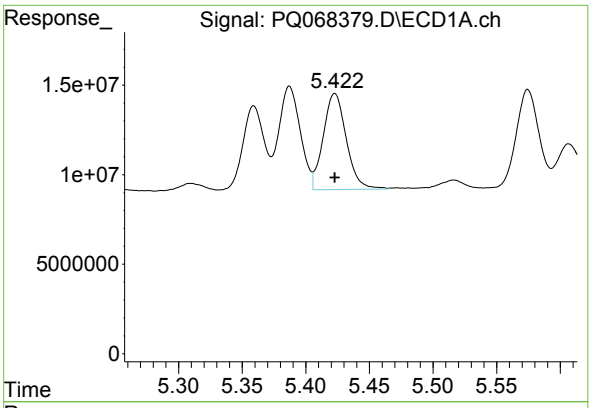
#24 AR-1248-4

R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 68335893
Conc: 261.12 ng/ml



#24 AR-1248-4

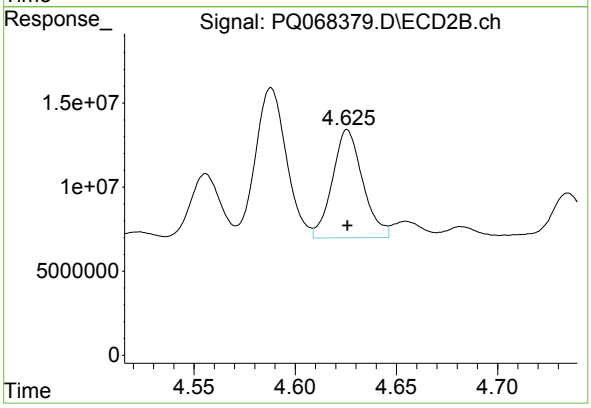
R.T.: 4.250 min
Delta R.T.: 0.000 min
Response: 67477390
Conc: 260.51 ng/ml



#25 AR-1248-5

R.T.: 5.423 min
Delta R.T.: 0.000 min
Response: 67839346
Conc: 270.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC250



#25 AR-1248-5

R.T.: 4.626 min
Delta R.T.: 0.000 min
Response: 67228271
Conc: 261.19 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068380.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 17:38
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 03:29:53 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 03:24:14 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	34202153	33241775	4.706	4.504
2)	SA Decachlor...	8.609	7.600	20312379	33542171	4.576	4.993
	Target Compounds						
21)	L5 AR-1248-1	4.539	3.828	6888570	7106757	48.155	48.797
22)	L5 AR-1248-2	4.803	4.053	10046477	10765188	50.891	48.879
23)	L5 AR-1248-3	4.993	4.091	11996022	10345843	50.724	48.816
24)	L5 AR-1248-4	5.387	4.249	13071223	12865985	49.892	49.346
25)	L5 AR-1248-5	5.423	4.626	11996903	12699271	45.916	48.694

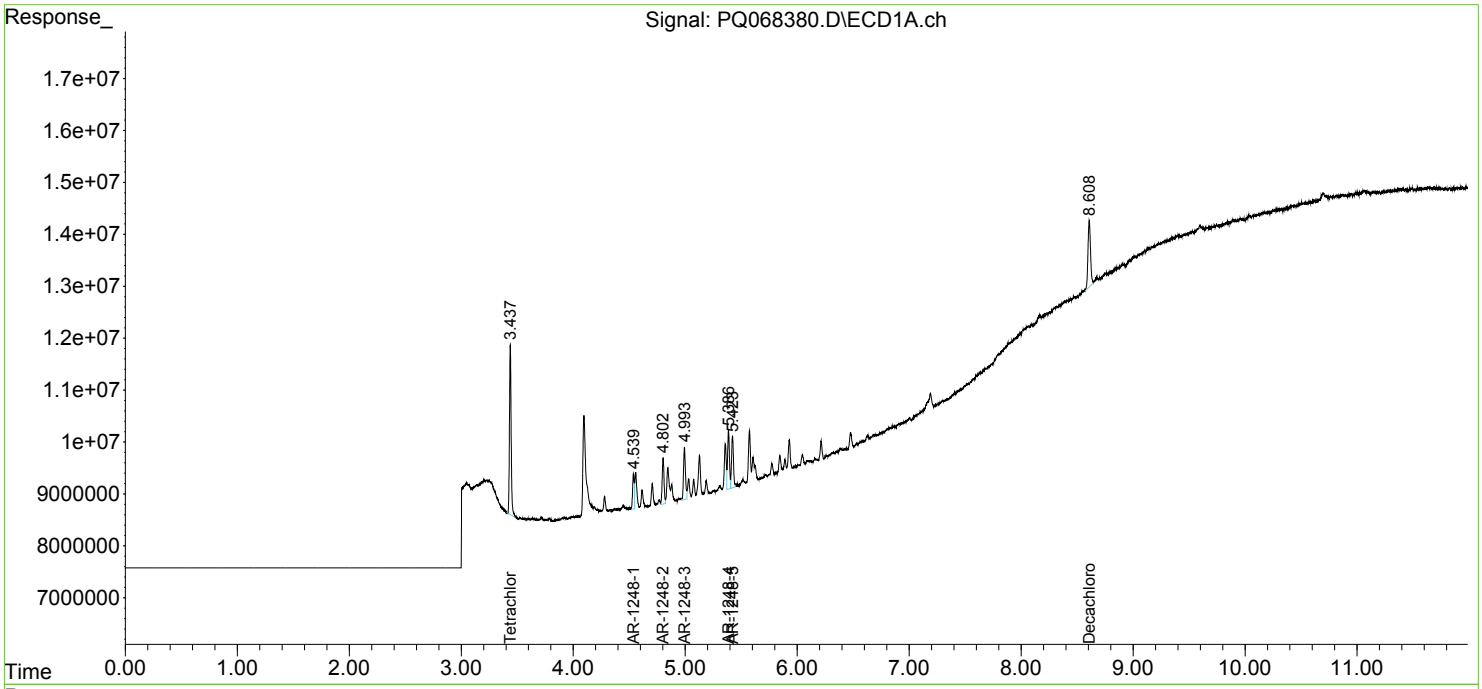
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

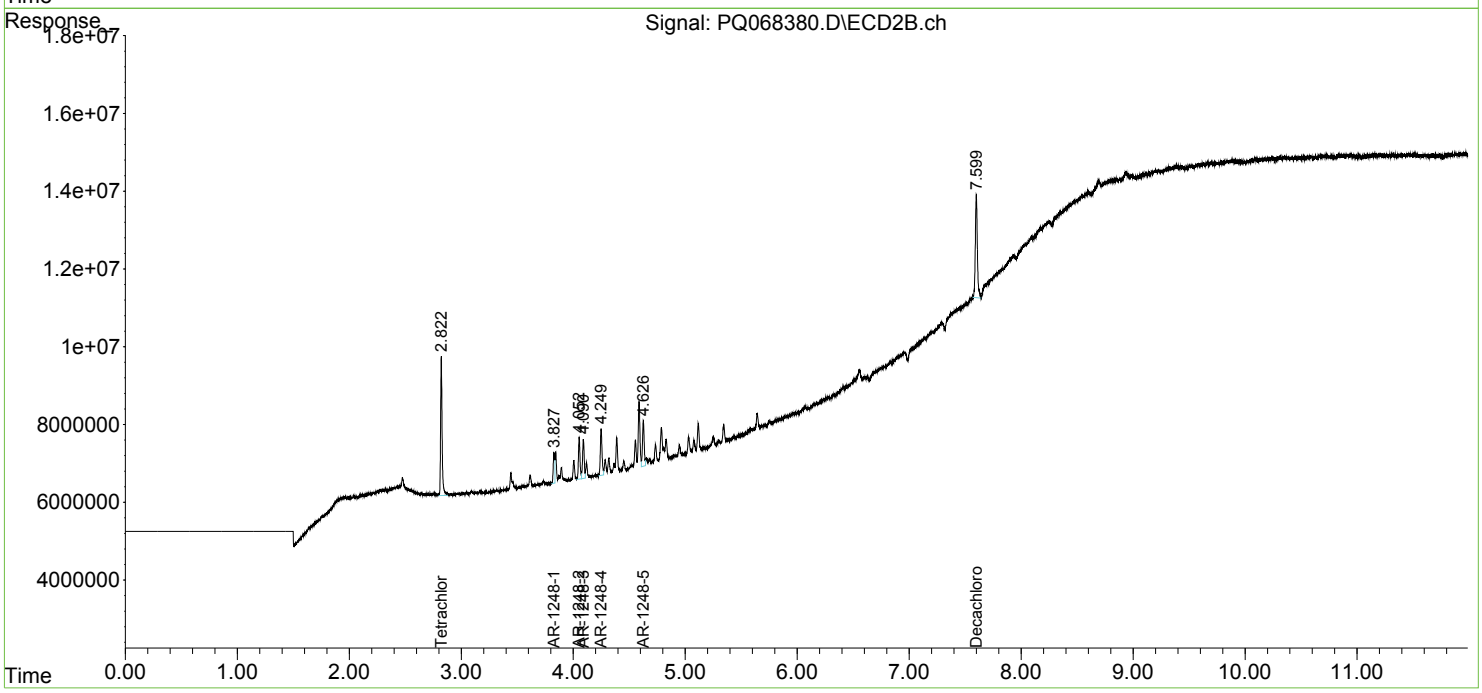
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068380.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 17:38
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

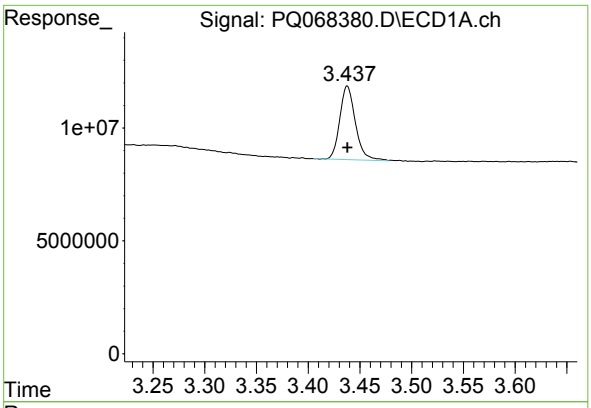
Instrument :
ECD_Q
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 03:29:53 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 03:24:14 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



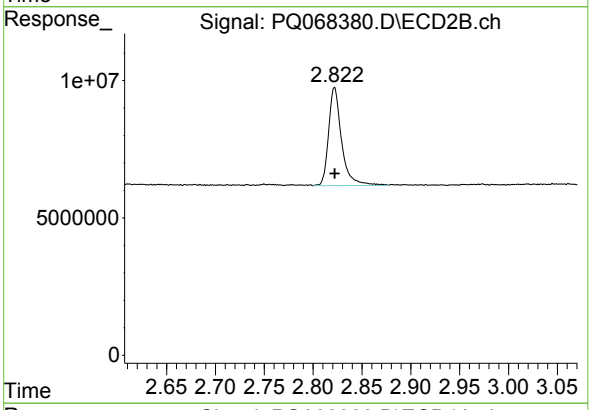




#1 Tetrachloro-m-xylene

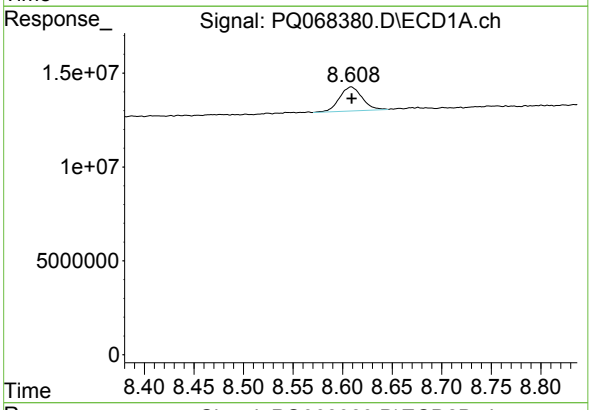
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 34202153
Conc: 4.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC050



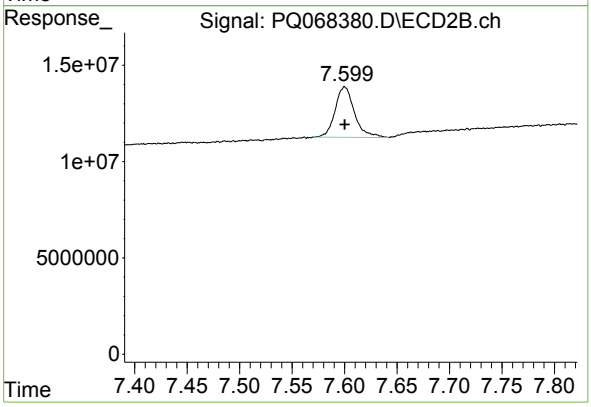
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 33241775
Conc: 4.50 ng/ml



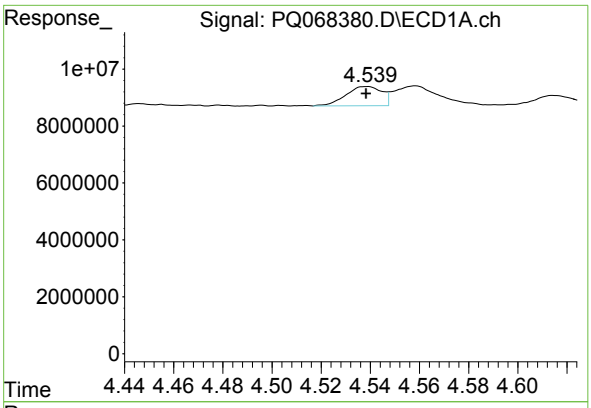
#2 Decachlorobiphenyl

R.T.: 8.609 min
Delta R.T.: 0.000 min
Response: 20312379
Conc: 4.58 ng/ml



#2 Decachlorobiphenyl

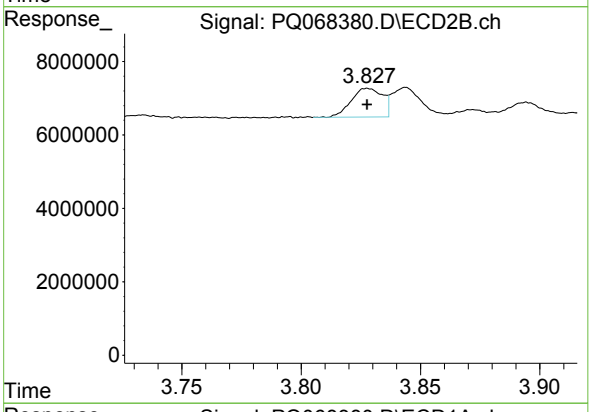
R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 33542171
Conc: 4.99 ng/ml



#21 AR-1248-1

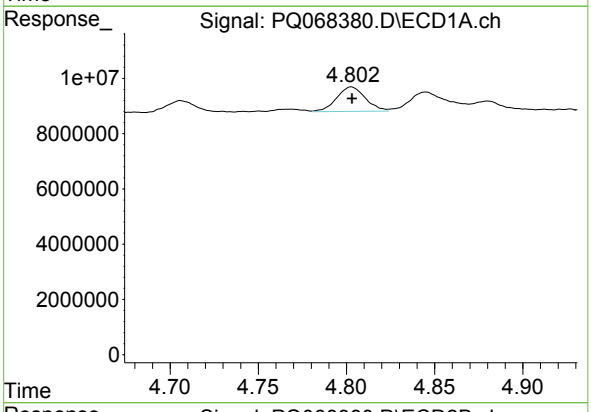
R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 6888570
Conc: 48.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC050



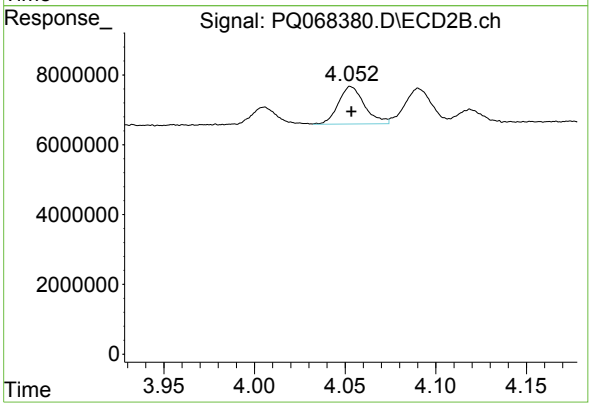
#21 AR-1248-1

R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 7106757
Conc: 48.80 ng/ml



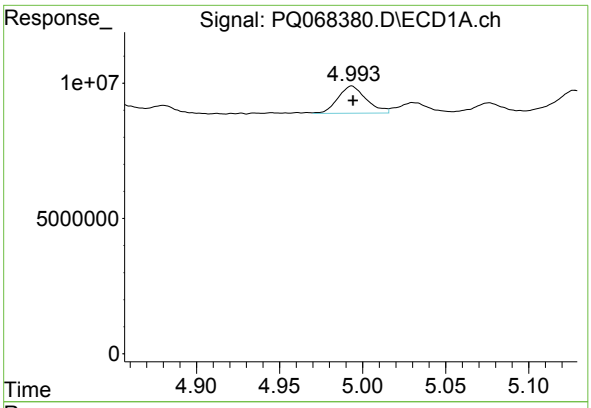
#22 AR-1248-2

R.T.: 4.803 min
Delta R.T.: 0.000 min
Response: 10046477
Conc: 50.89 ng/ml



#22 AR-1248-2

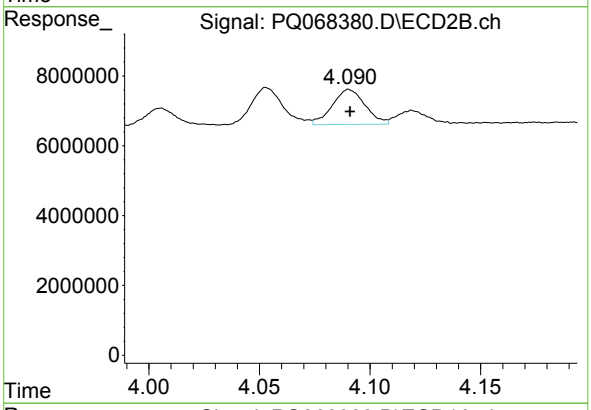
R.T.: 4.053 min
Delta R.T.: 0.000 min
Response: 10765188
Conc: 48.88 ng/ml



#23 AR-1248-3

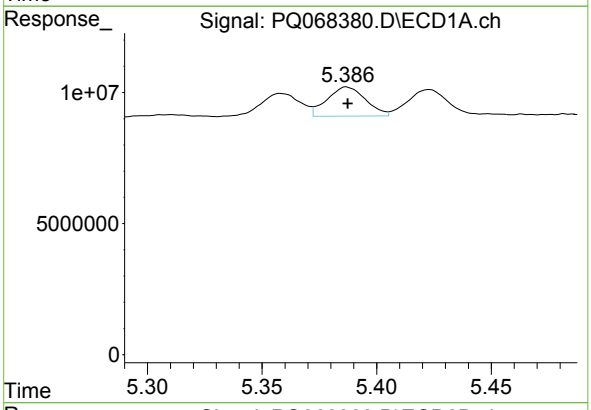
R.T.: 4.993 min
Delta R.T.: 0.000 min
Response: 11996022
Conc: 50.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC050



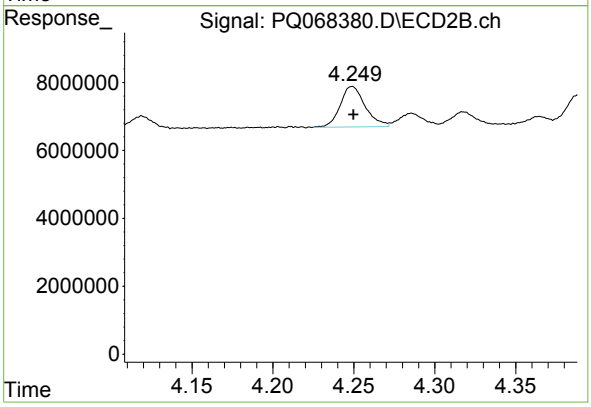
#23 AR-1248-3

R.T.: 4.091 min
Delta R.T.: 0.000 min
Response: 10345843
Conc: 48.82 ng/ml



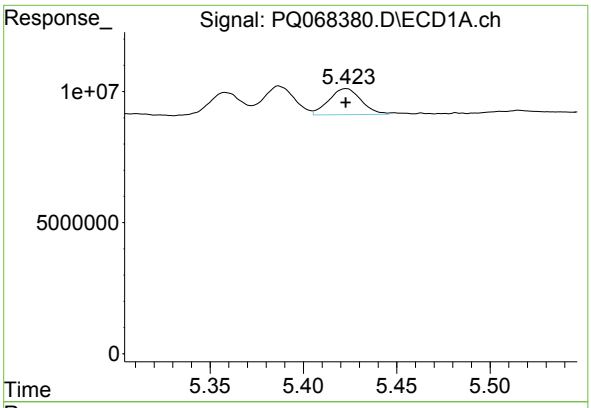
#24 AR-1248-4

R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 13071223
Conc: 49.89 ng/ml



#24 AR-1248-4

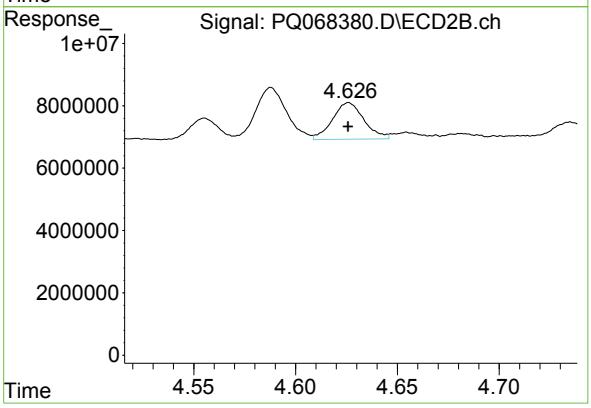
R.T.: 4.249 min
Delta R.T.: 0.000 min
Response: 12865985
Conc: 49.35 ng/ml



#25 AR-1248-5

R.T.: 5.423 min
Delta R.T.: 0.000 min
Response: 11996903
Conc: 45.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC050



#25 AR-1248-5

R.T.: 4.626 min
Delta R.T.: 0.000 min
Response: 12699271
Conc: 48.69 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068381.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 17:52
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 05:03:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 05:02:56 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	689.5E6	708.1E6	93.672	95.619
2)	SA Decachlor...	8.608	7.600	422.6E6	629.4E6	95.382	93.938
	Target Compounds						
26)	L6 AR-1254-1	5.359	4.588	239.4E6	352.9E6	910.352	923.657
27)	L6 AR-1254-2	5.576	4.735	367.7E6	317.1E6	920.538	923.042
28)	L6 AR-1254-3	5.930	5.117	388.1E6	496.4E6	931.081	936.710
29)	L6 AR-1254-4	6.214	5.344	280.8E6	307.2E6	940.793	945.052
30)	L6 AR-1254-5	6.626	5.749	319.8E6	477.5E6	941.366	942.310

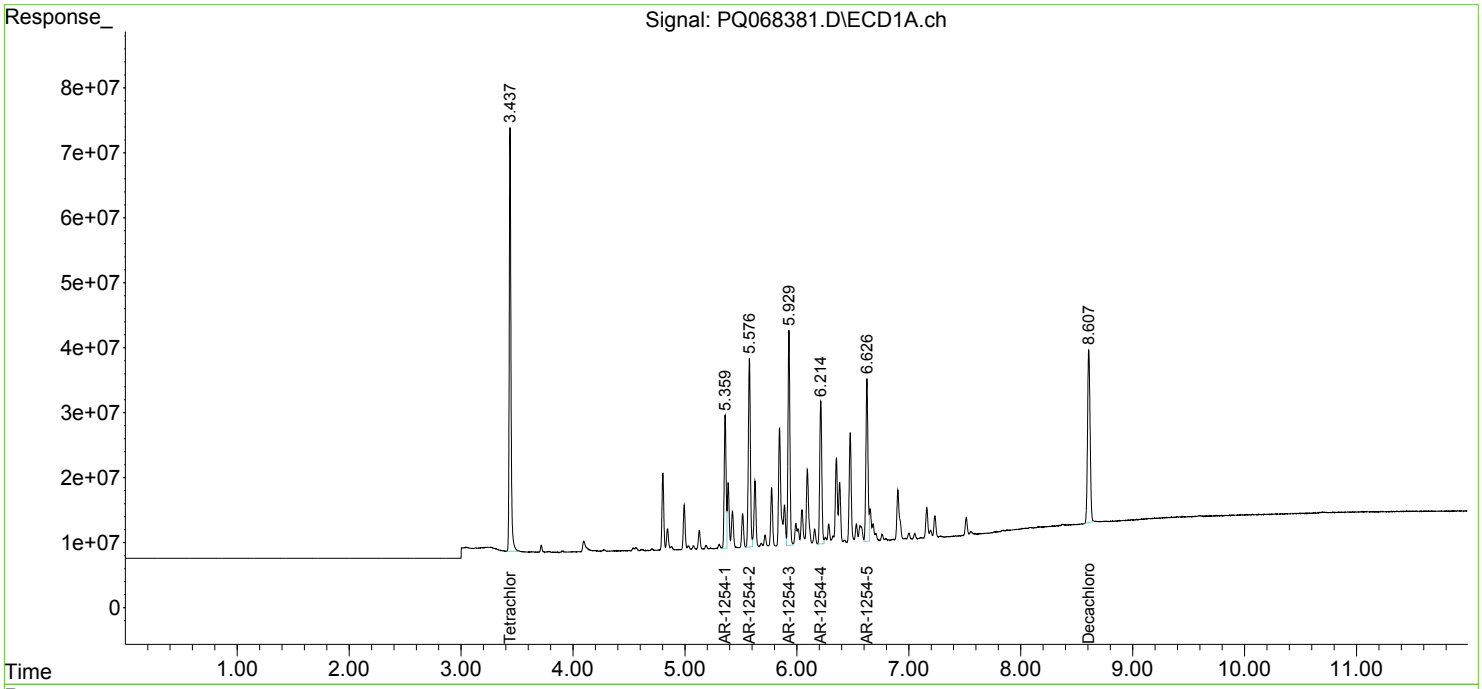
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

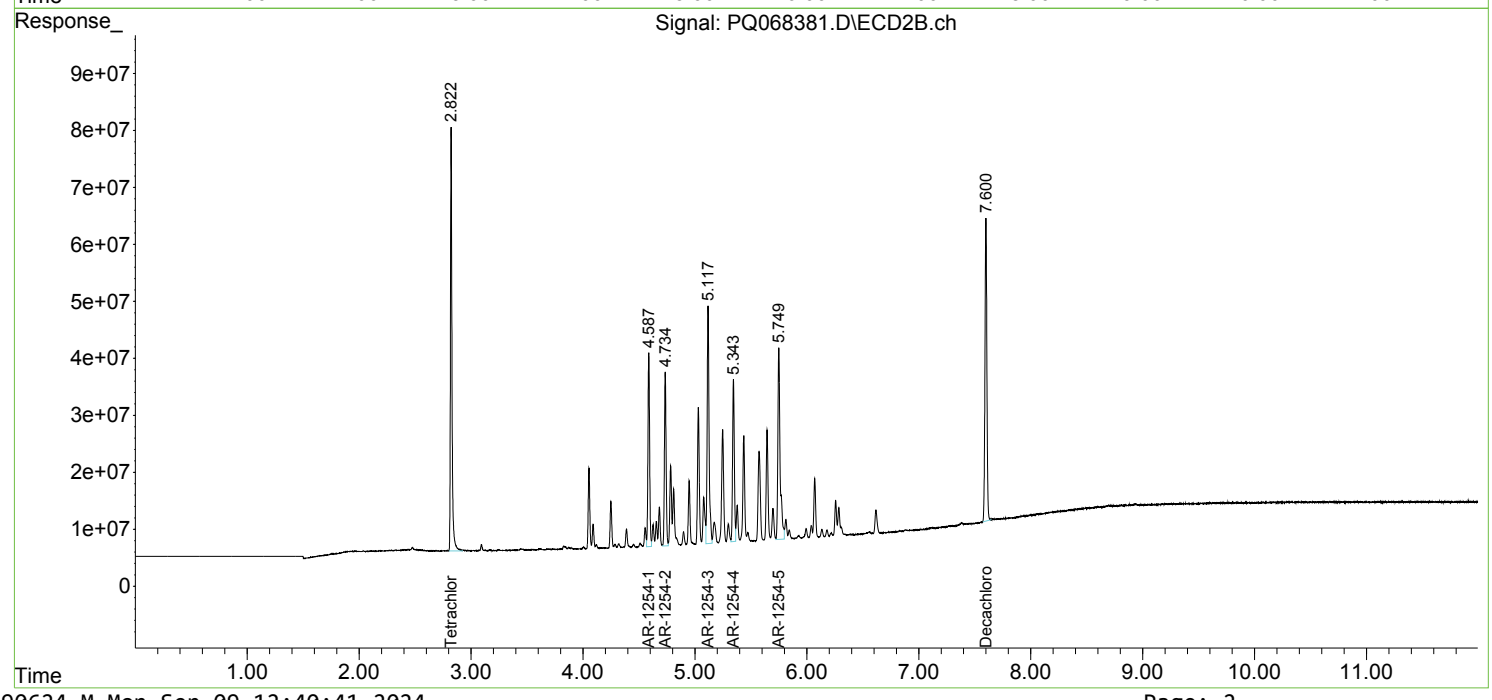
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068381.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 17:52
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

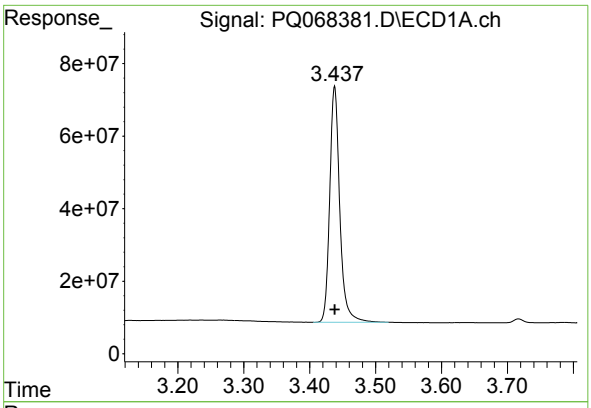
Instrument :
ECD_Q
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 05:03:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 05:02:56 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



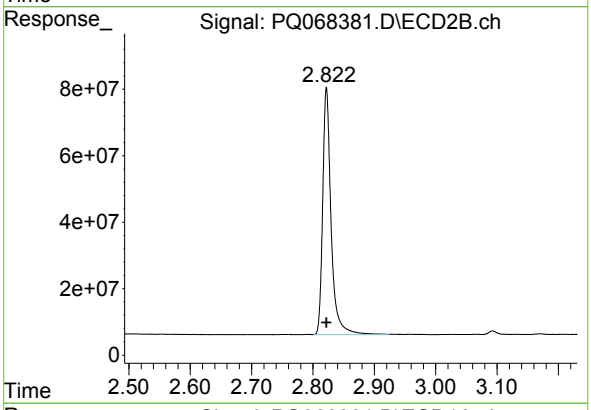




#1 Tetrachloro-m-xylene

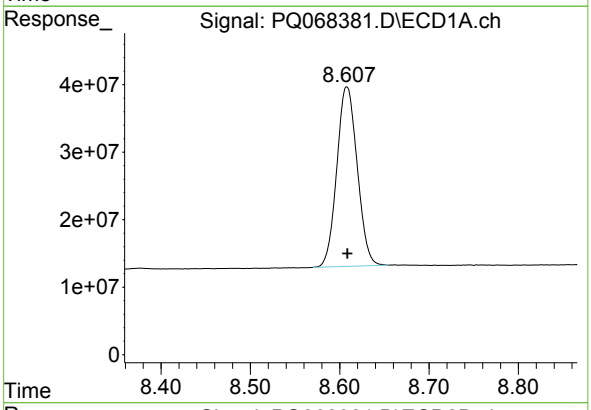
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 689454369
Conc: 93.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC1000



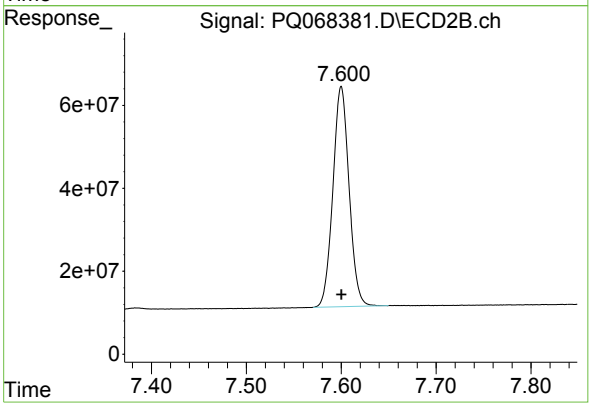
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 708143364
Conc: 95.62 ng/ml



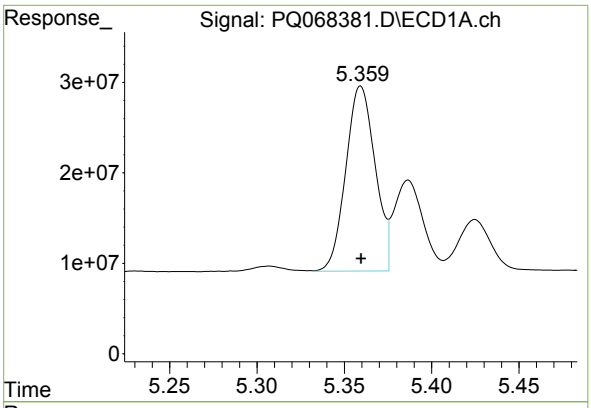
#2 Decachlorobiphenyl

R.T.: 8.608 min
Delta R.T.: 0.000 min
Response: 422552391
Conc: 95.38 ng/ml



#2 Decachlorobiphenyl

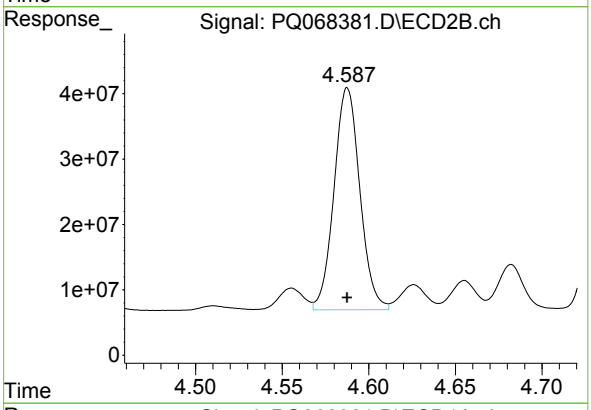
R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 629418857
Conc: 93.94 ng/ml



#26 AR-1254-1

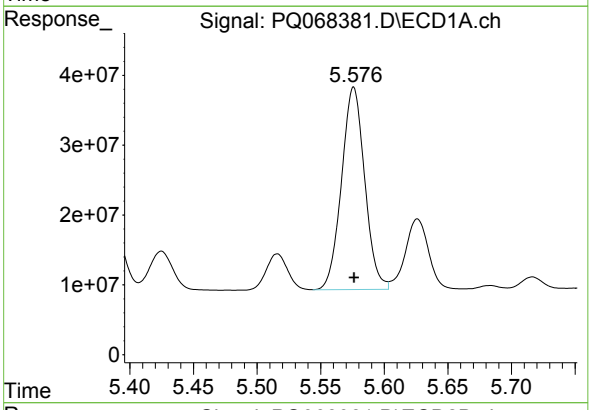
R.T.: 5.359 min
Delta R.T.: 0.000 min
Response: 239414934
Conc: 910.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC1000



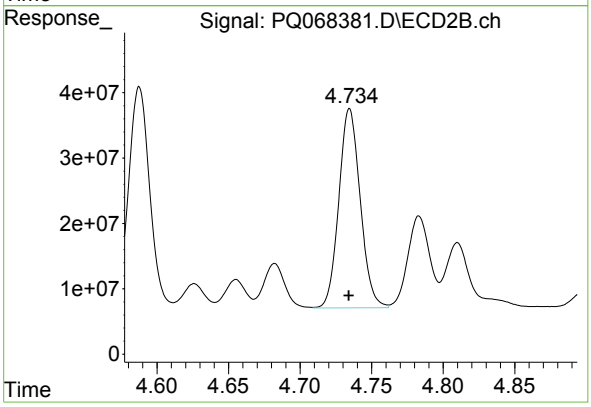
#26 AR-1254-1

R.T.: 4.588 min
Delta R.T.: 0.000 min
Response: 352939766
Conc: 923.66 ng/ml



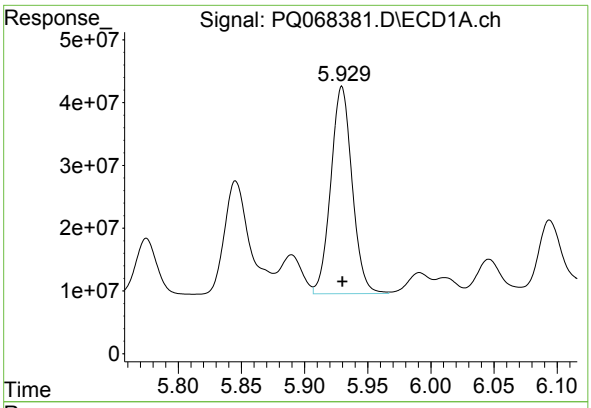
#27 AR-1254-2

R.T.: 5.576 min
Delta R.T.: 0.000 min
Response: 367703992
Conc: 920.54 ng/ml



#27 AR-1254-2

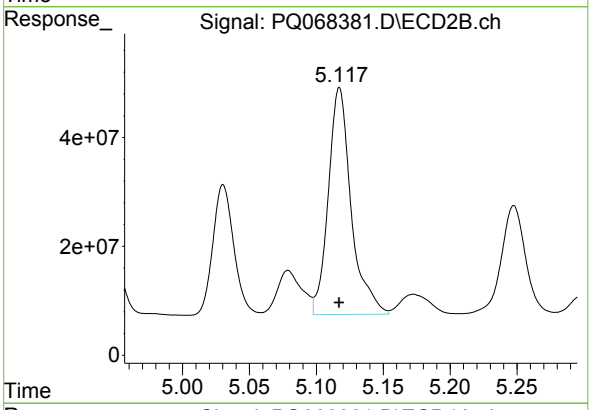
R.T.: 4.735 min
Delta R.T.: 0.000 min
Response: 317126151
Conc: 923.04 ng/ml



#28 AR-1254-3

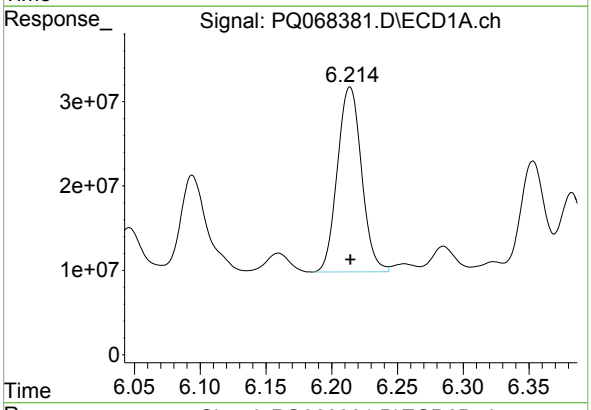
R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 388093364
Conc: 931.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC1000



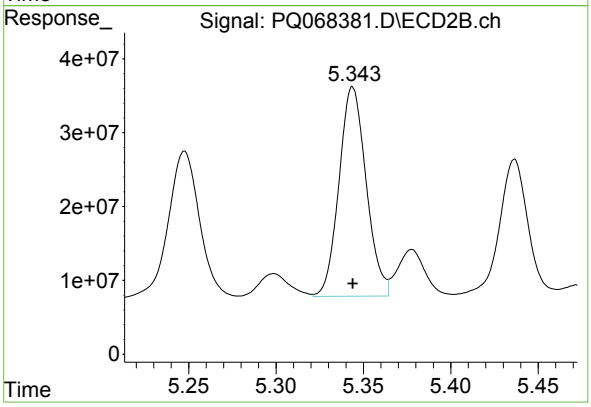
#28 AR-1254-3

R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 496383232
Conc: 936.71 ng/ml



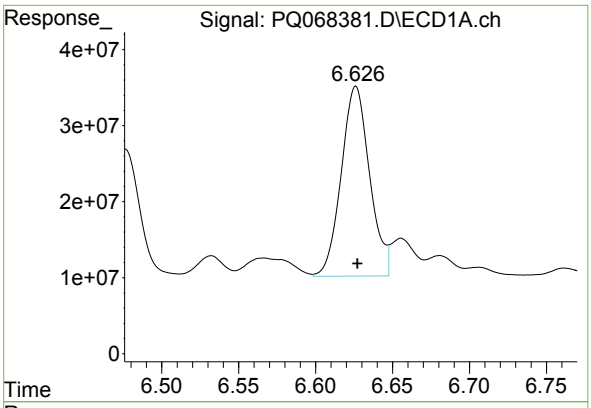
#29 AR-1254-4

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 280805271
Conc: 940.79 ng/ml



#29 AR-1254-4

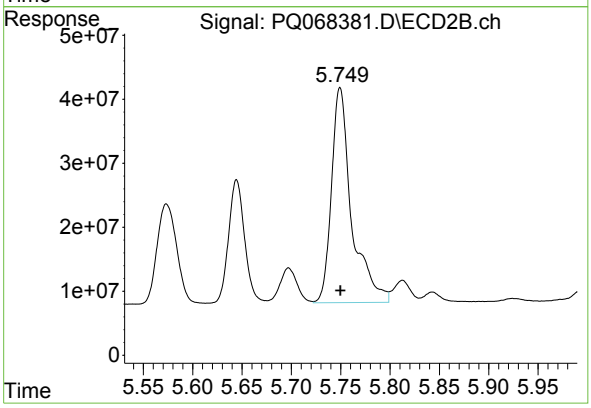
R.T.: 5.344 min
Delta R.T.: 0.000 min
Response: 307208166
Conc: 945.05 ng/ml



#30 AR-1254-5

R.T.: 6.626 min
Delta R.T.: -0.001 min
Response: 319823122
Conc: 941.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC1000



#30 AR-1254-5

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 477528481
Conc: 942.31 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068382.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 18:07
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 05:04:53 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 05:02:56 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	528.1E6	536.9E6	71.749	72.495
2)	SA Decachlor...	8.608	7.600	320.7E6	483.9E6	72.388	72.216
	Target Compounds						
26)	L6 AR-1254-1	5.359	4.587	184.3E6	272.3E6	700.966	712.676
27)	L6 AR-1254-2	5.576	4.735	283.2E6	245.2E6	708.864	713.705
28)	L6 AR-1254-3	5.929	5.117	298.7E6	382.5E6	716.500	721.893
29)	L6 AR-1254-4	6.214	5.345	215.5E6	236.3E6	722.138	726.777
30)	L6 AR-1254-5	6.626	5.750	242.7E6	365.6E6	714.416	721.525

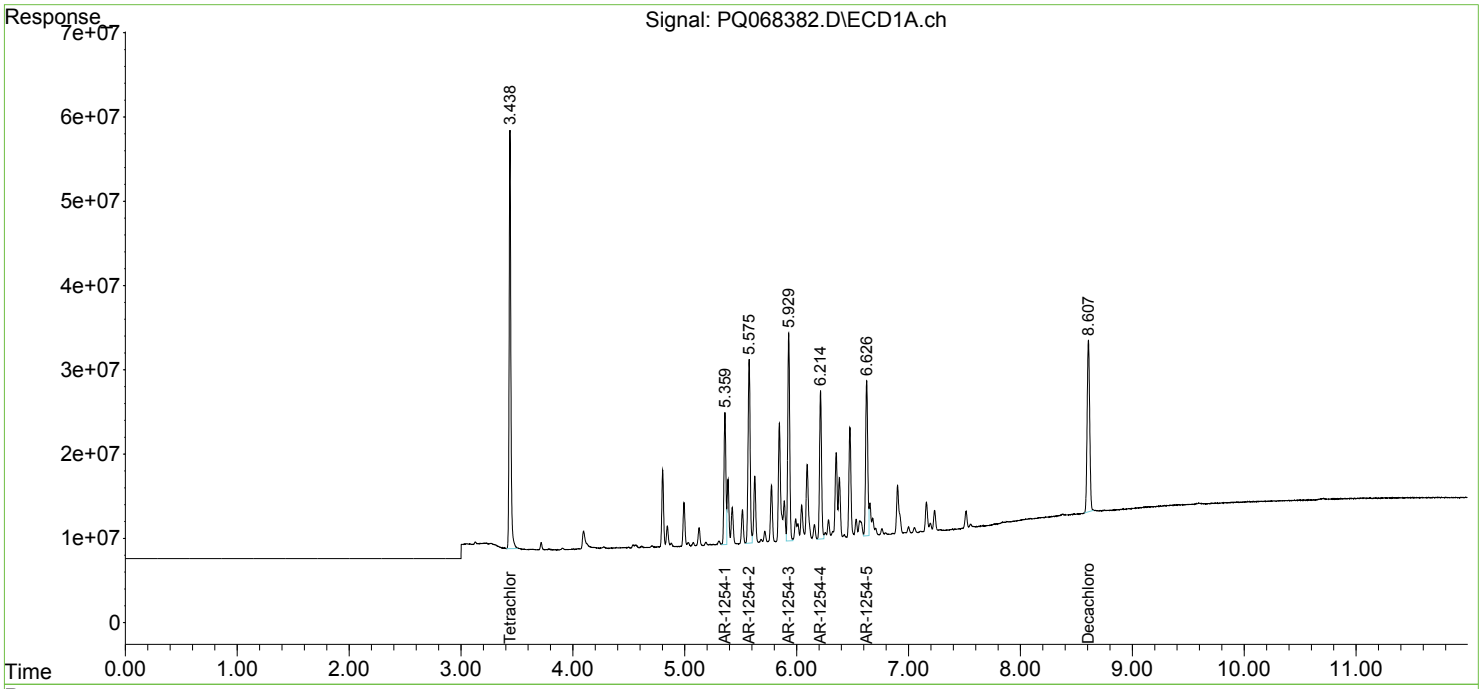
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

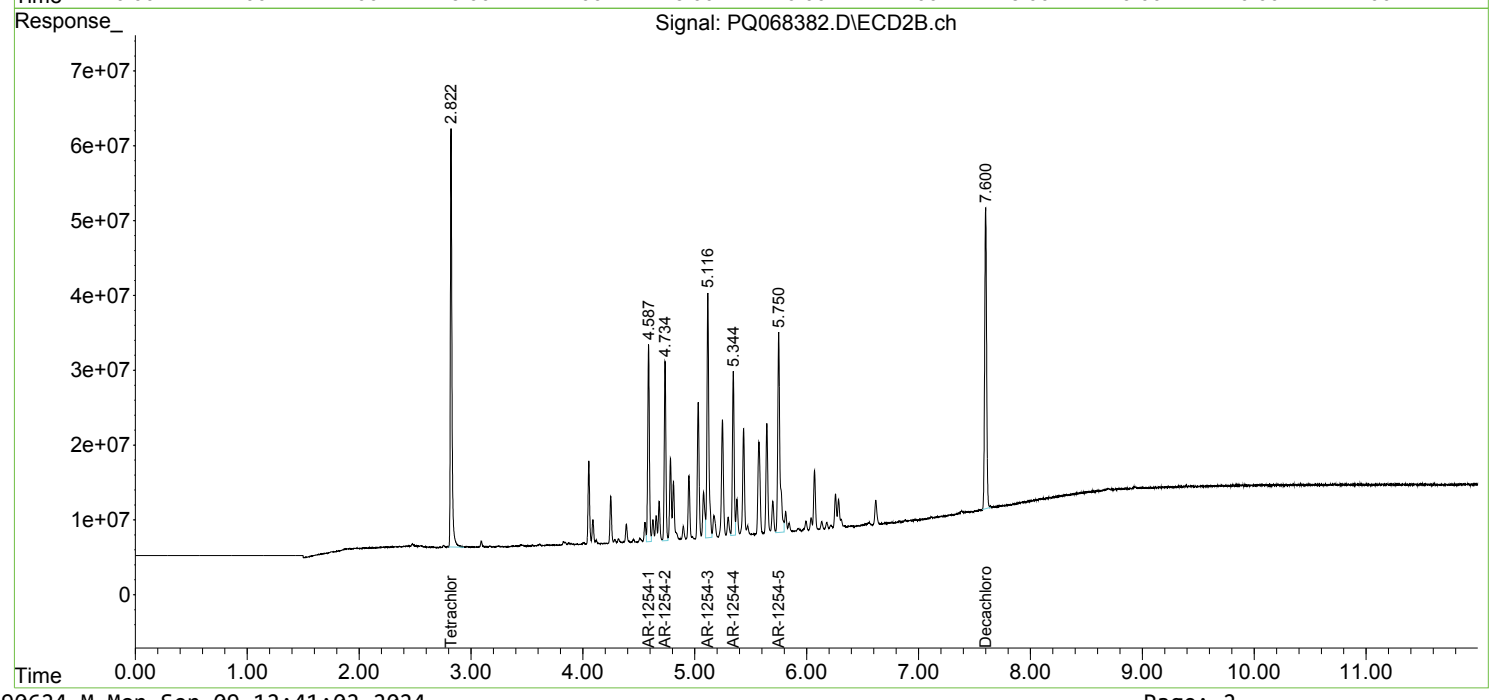
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068382.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 18:07
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

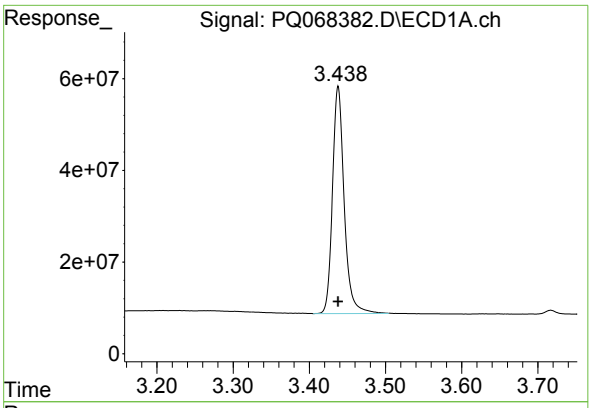
Instrument :
ECD_Q
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 05:04:53 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 05:02:56 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



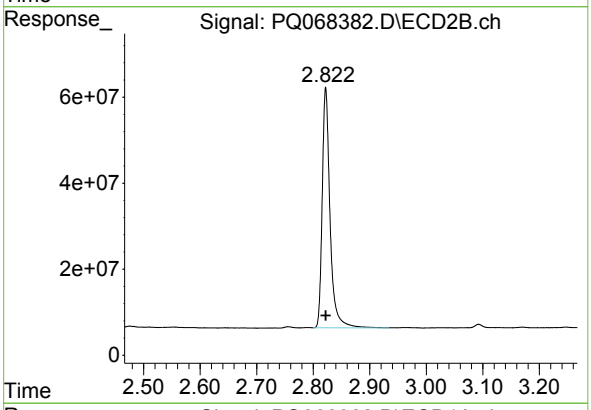




#1 Tetrachloro-m-xylene

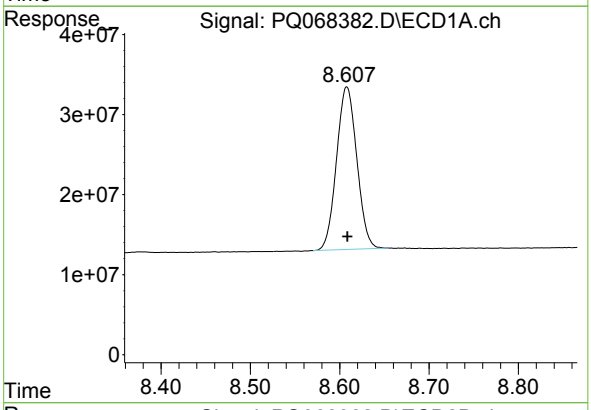
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 528091642
Conc: 71.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC750



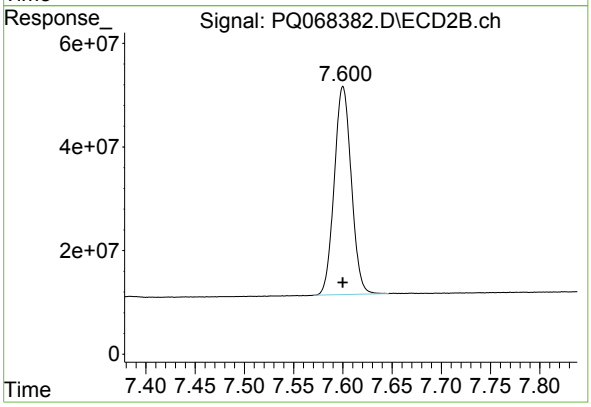
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 536890815
Conc: 72.49 ng/ml



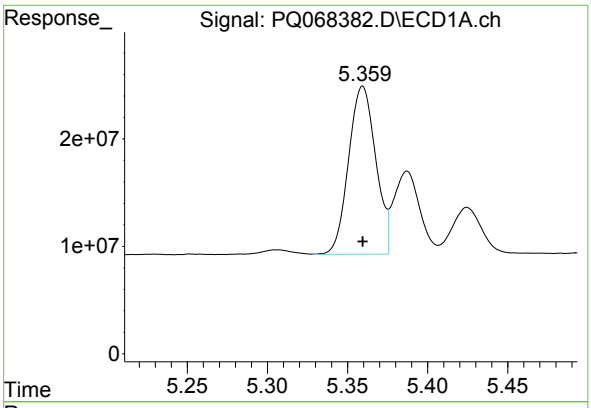
#2 Decachlorobiphenyl

R.T.: 8.608 min
Delta R.T.: 0.000 min
Response: 320687378
Conc: 72.39 ng/ml



#2 Decachlorobiphenyl

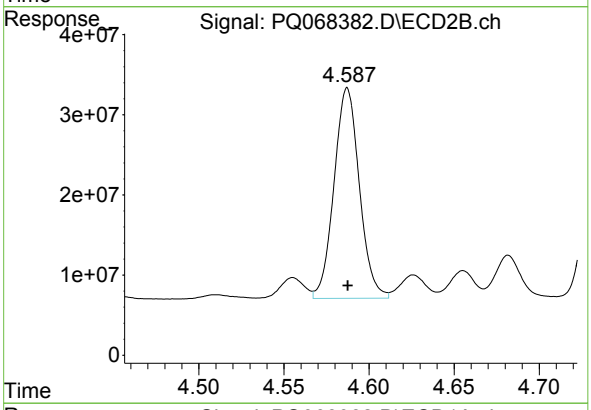
R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 483870693
Conc: 72.22 ng/ml



#26 AR-1254-1

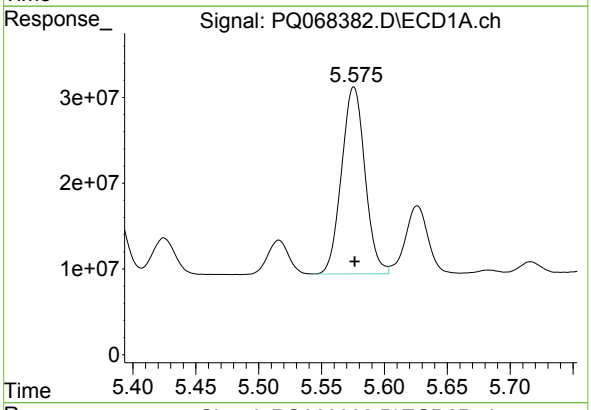
R.T.: 5.359 min
Delta R.T.: 0.000 min
Response: 184348252
Conc: 700.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC750



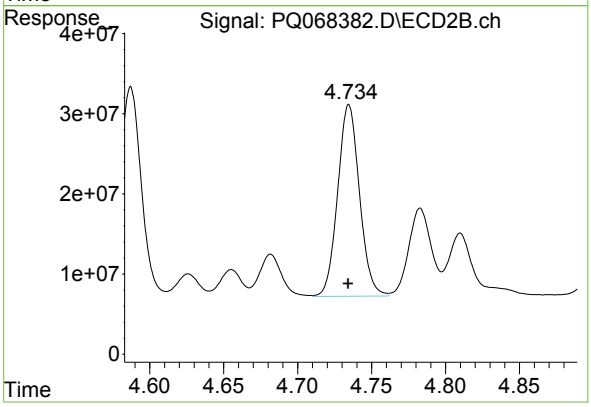
#26 AR-1254-1

R.T.: 4.587 min
Delta R.T.: 0.000 min
Response: 272321338
Conc: 712.68 ng/ml



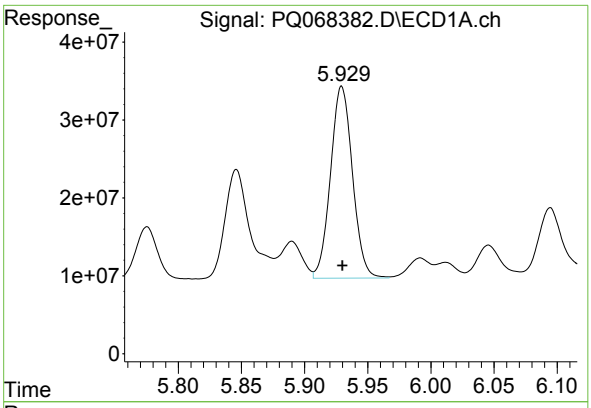
#27 AR-1254-2

R.T.: 5.576 min
Delta R.T.: 0.000 min
Response: 283151884
Conc: 708.86 ng/ml



#27 AR-1254-2

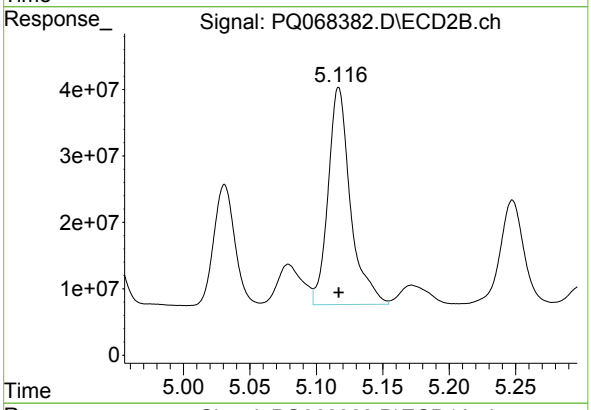
R.T.: 4.735 min
Delta R.T.: 0.000 min
Response: 245205175
Conc: 713.71 ng/ml



#28 AR-1254-3

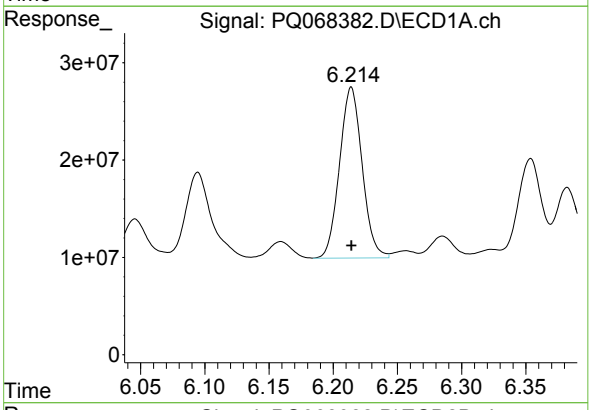
R.T.: 5.929 min
Delta R.T.: 0.000 min
Response: 298651753
Conc: 716.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC750



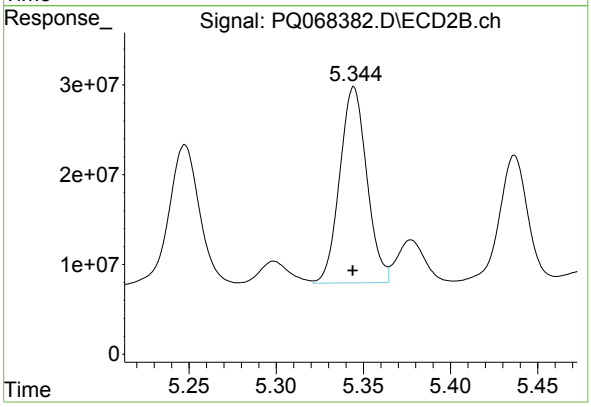
#28 AR-1254-3

R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 382546765
Conc: 721.89 ng/ml



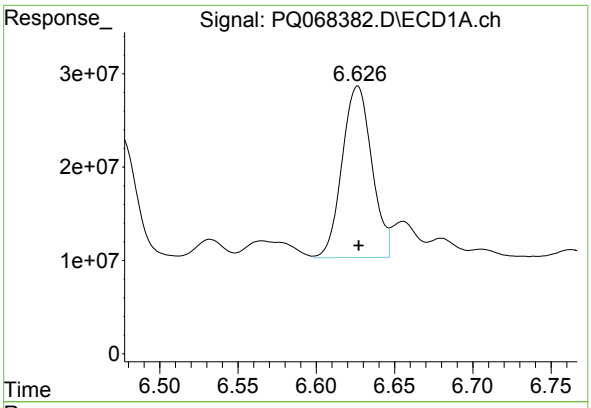
#29 AR-1254-4

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 215541838
Conc: 722.14 ng/ml



#29 AR-1254-4

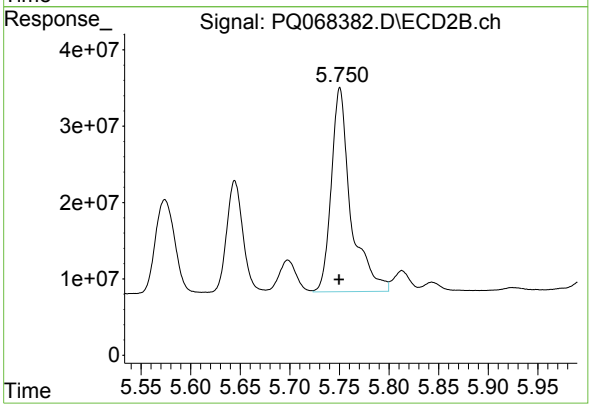
R.T.: 5.345 min
Delta R.T.: 0.000 min
Response: 236253468
Conc: 726.78 ng/ml



#30 AR-1254-5

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 242718490
Conc: 714.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC750



#30 AR-1254-5

R.T.: 5.750 min
Delta R.T.: 0.000 min
Response: 365642638
Conc: 721.52 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068383.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 18:21
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 03:48:21 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 03:46:36 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	368.0E6	370.3E6	50.000	50.000
2)	SA Decachlor...	8.609	7.600	221.5E6	335.0E6	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	5.359	4.587	131.5E6	191.1E6	500.000	500.000
27)	L6 AR-1254-2	5.576	4.734	199.7E6	171.8E6	500.000	500.000
28)	L6 AR-1254-3	5.930	5.117	208.4E6	265.0E6	500.000	500.000
29)	L6 AR-1254-4	6.214	5.344	149.2E6	162.5E6	500.000	500.000
30)	L6 AR-1254-5	6.627	5.750	169.9E6	253.4E6	500.000	500.000

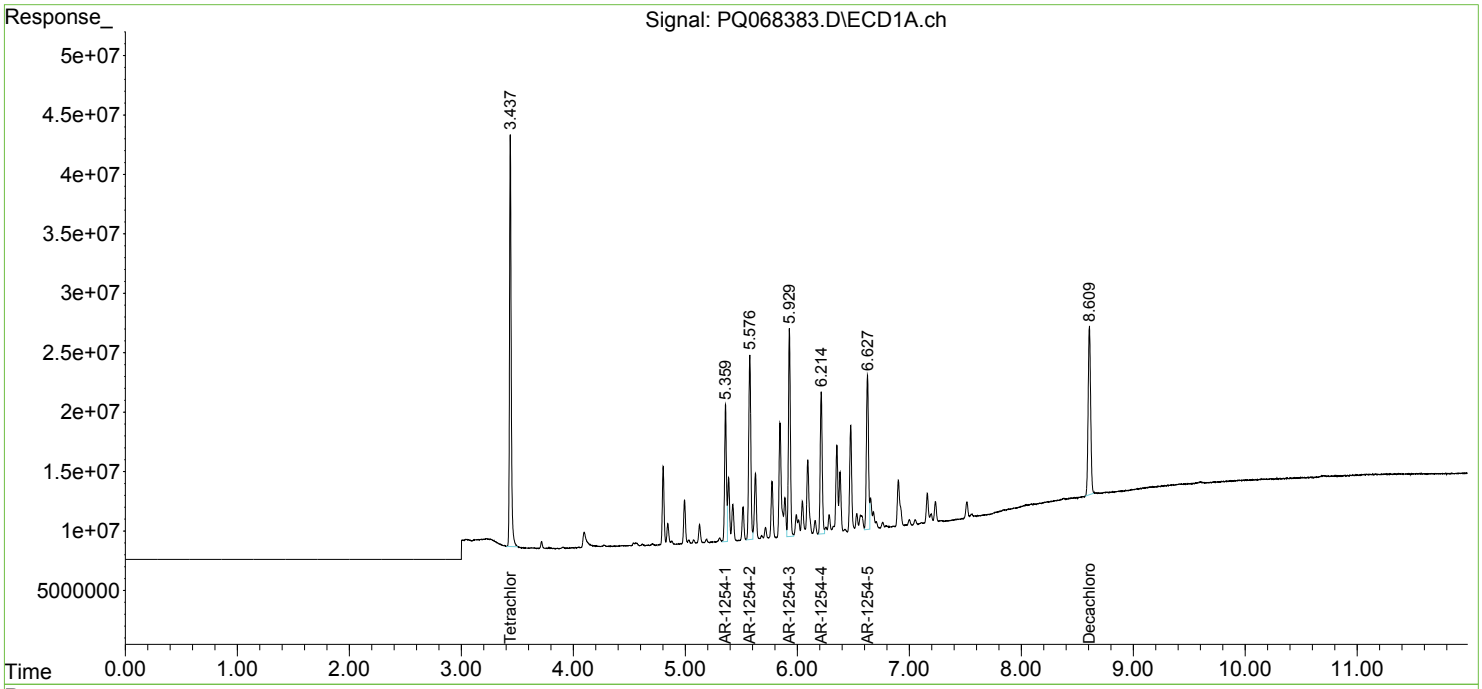
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

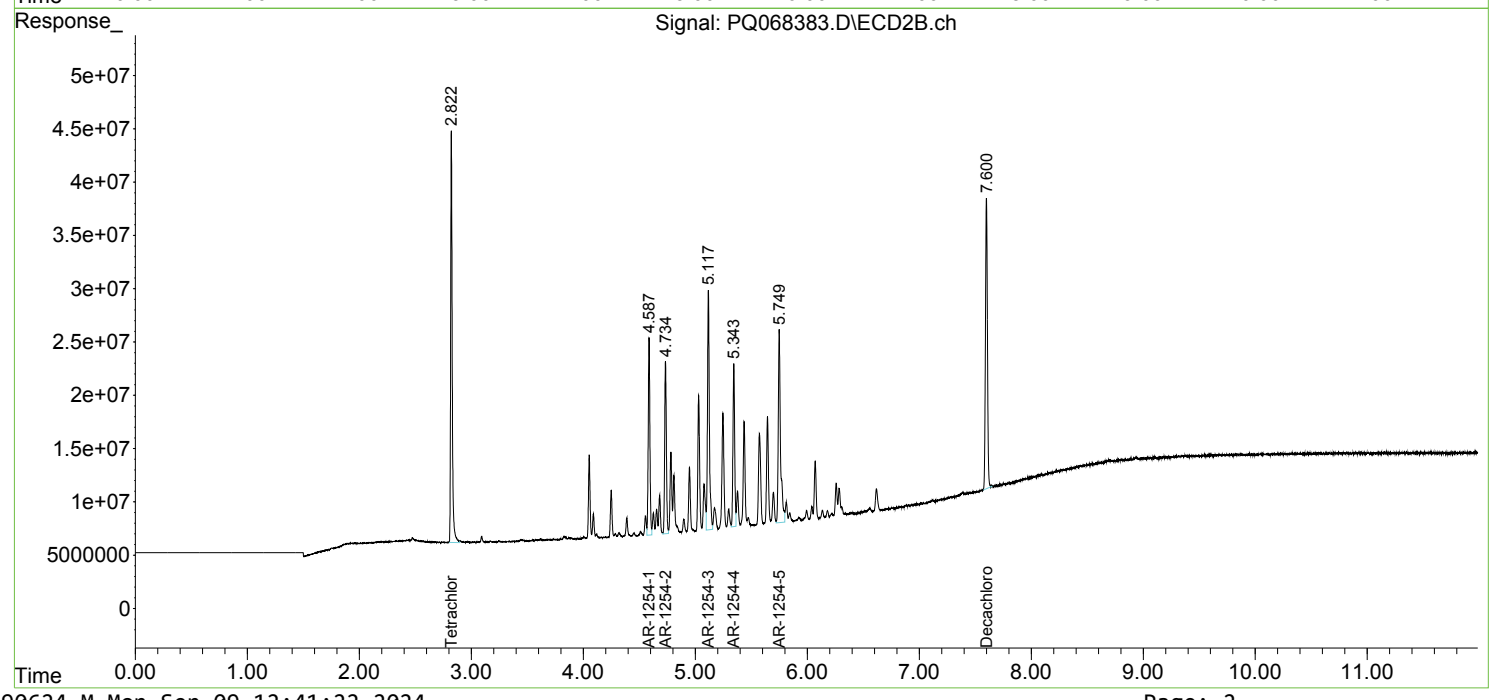
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068383.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 18:21
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

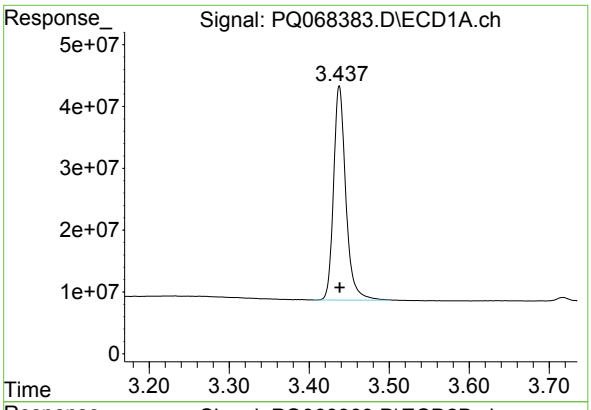
Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 03:48:21 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 03:46:36 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



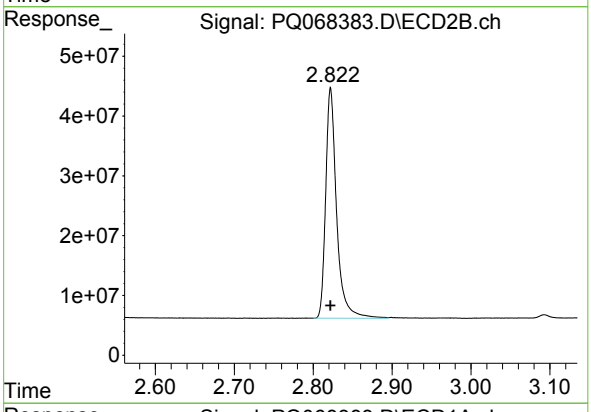




#1 Tetrachloro-m-xylene

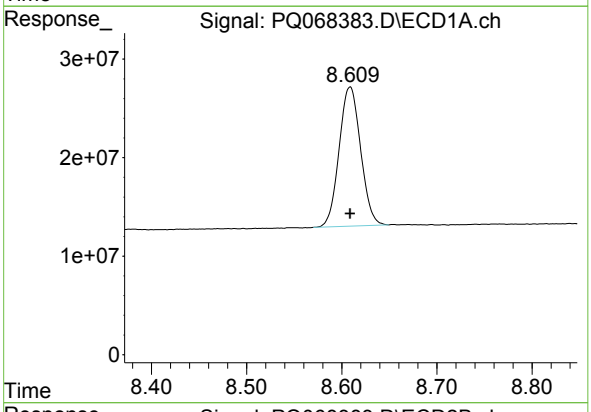
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 368014342
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500



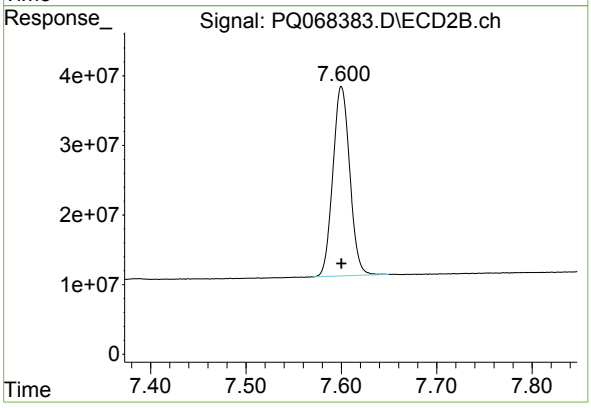
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 370295295
Conc: 50.00 ng/ml



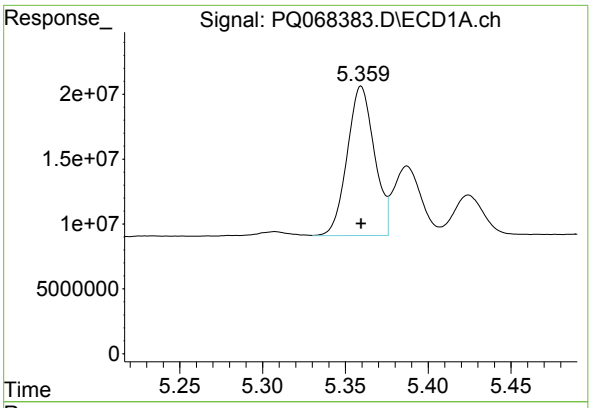
#2 Decachlorobiphenyl

R.T.: 8.609 min
Delta R.T.: 0.000 min
Response: 221504868
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

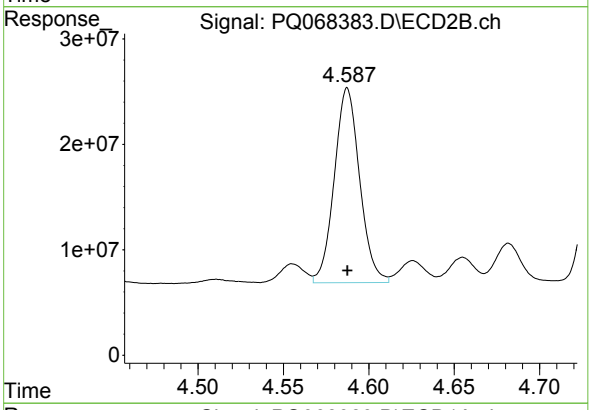
R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 335017818
Conc: 50.00 ng/ml



#26 AR-1254-1

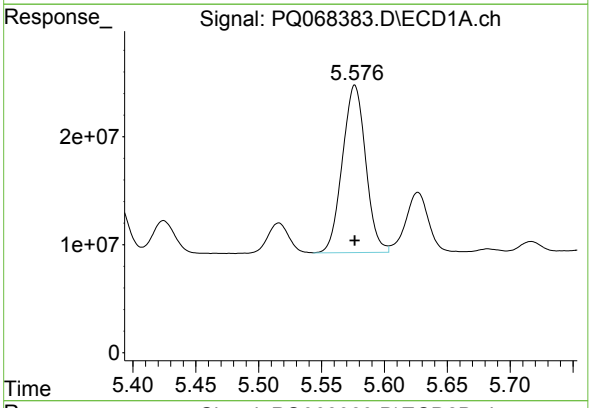
R.T.: 5.359 min
Delta R.T.: 0.000 min
Response: 131495842
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500



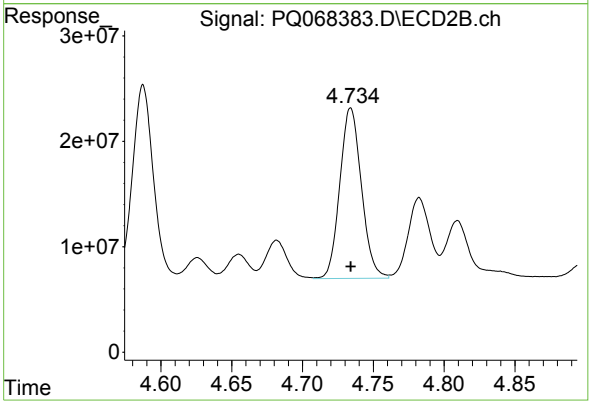
#26 AR-1254-1

R.T.: 4.587 min
Delta R.T.: 0.000 min
Response: 191055546
Conc: 500.00 ng/ml



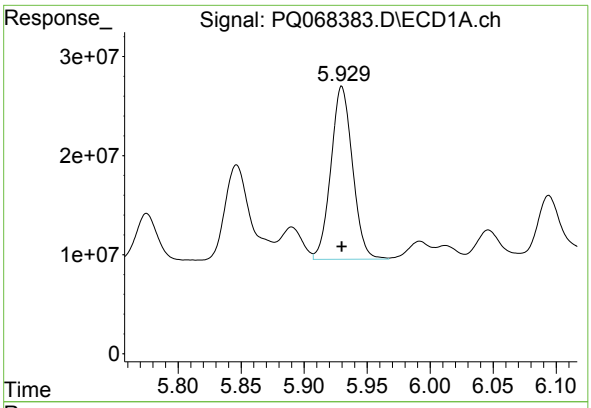
#27 AR-1254-2

R.T.: 5.576 min
Delta R.T.: 0.000 min
Response: 199722310
Conc: 500.00 ng/ml



#27 AR-1254-2

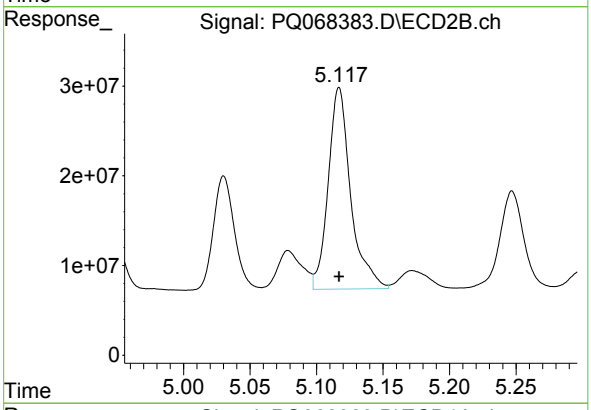
R.T.: 4.734 min
Delta R.T.: 0.000 min
Response: 171783253
Conc: 500.00 ng/ml



#28 AR-1254-3

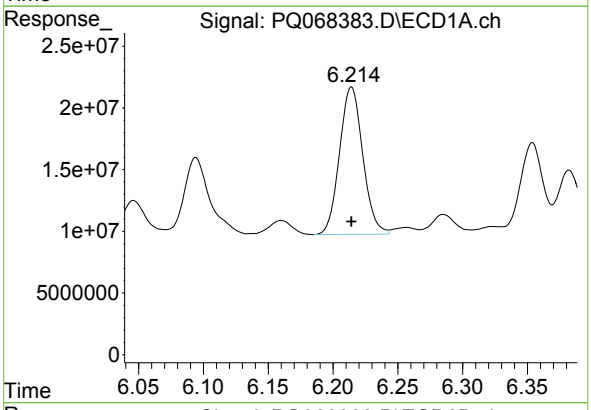
R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 208410053
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500



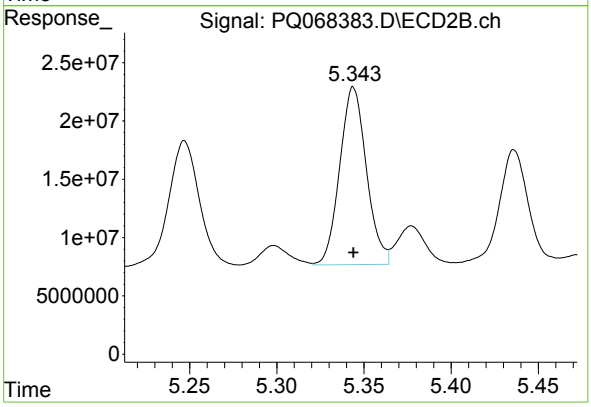
#28 AR-1254-3

R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 264960918
Conc: 500.00 ng/ml



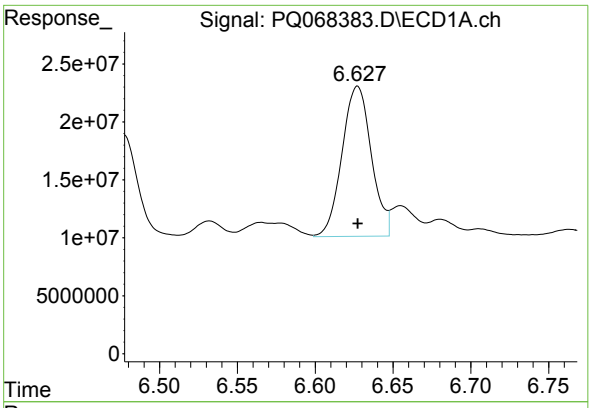
#29 AR-1254-4

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 149238684
Conc: 500.00 ng/ml



#29 AR-1254-4

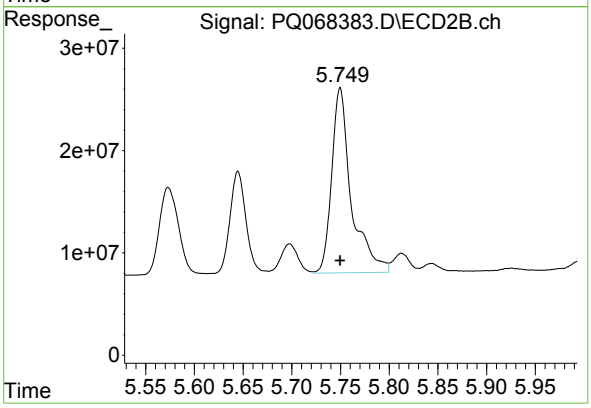
R.T.: 5.344 min
Delta R.T.: 0.000 min
Response: 162535127
Conc: 500.00 ng/ml



#30 AR-1254-5

R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 169871905
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500



#30 AR-1254-5

R.T.: 5.750 min
Delta R.T.: 0.000 min
Response: 253381934
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068384.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 18:36
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 05:07:59 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 05:02:56 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	187.9E6	184.2E6	25.529	24.878
2)	SA Decachlor...	8.610	7.601	111.6E6	168.6E6	25.182	25.168
	Target Compounds						
26)	L6 AR-1254-1	5.360	4.587	68048473	97891319	258.748	256.185
27)	L6 AR-1254-2	5.576	4.735	104.2E6	88579848	260.909	257.824
28)	L6 AR-1254-3	5.930	5.117	108.0E6	135.1E6	259.119	255.004
29)	L6 AR-1254-4	6.214	5.344	76179554	82250463	255.227	253.024
30)	L6 AR-1254-5	6.626	5.750	86721015	127.9E6	255.254	252.352

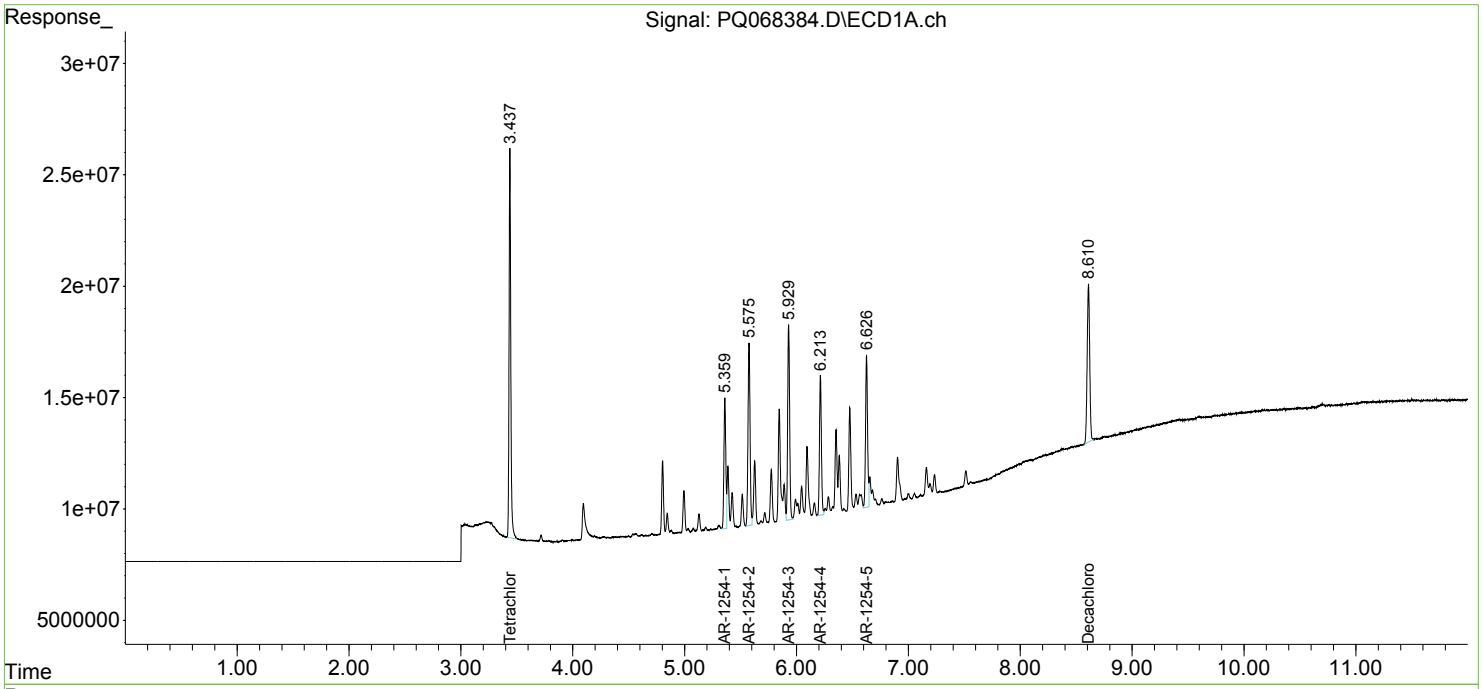
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

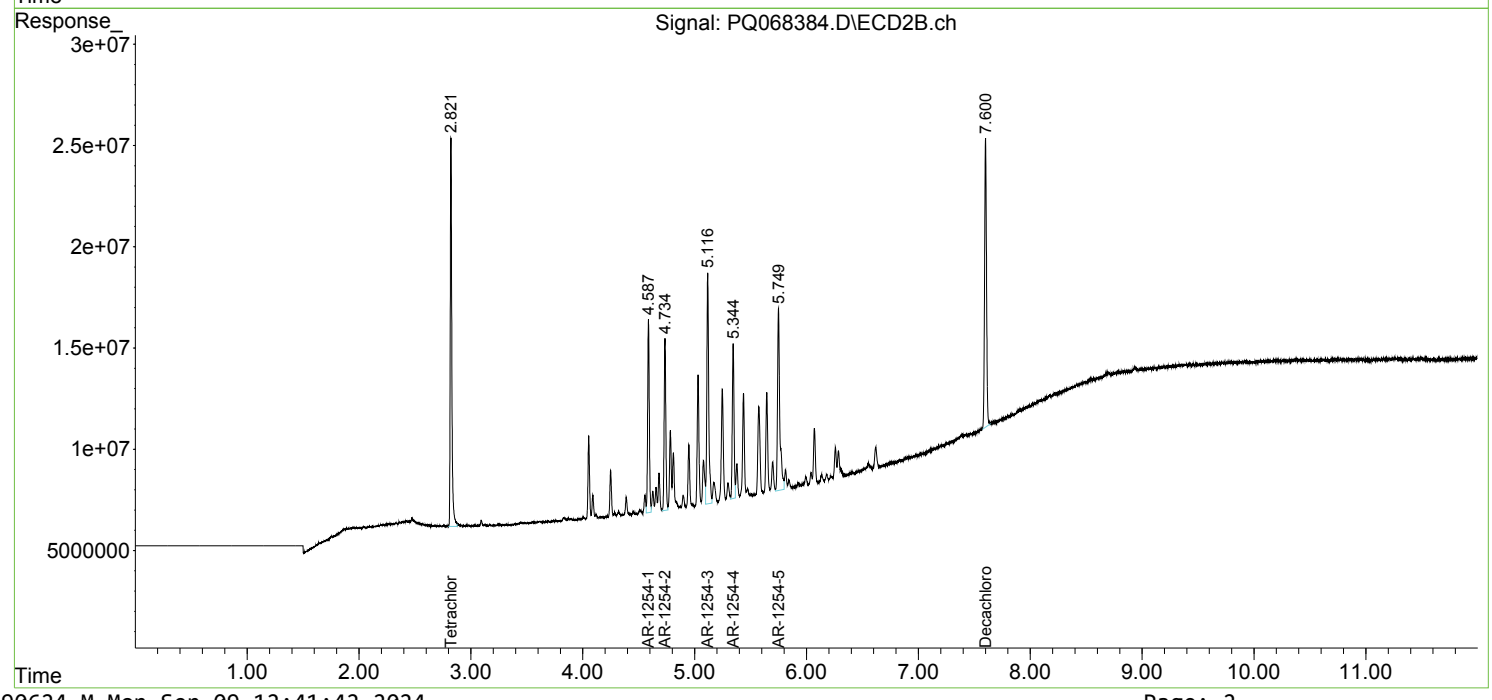
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068384.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 18:36
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

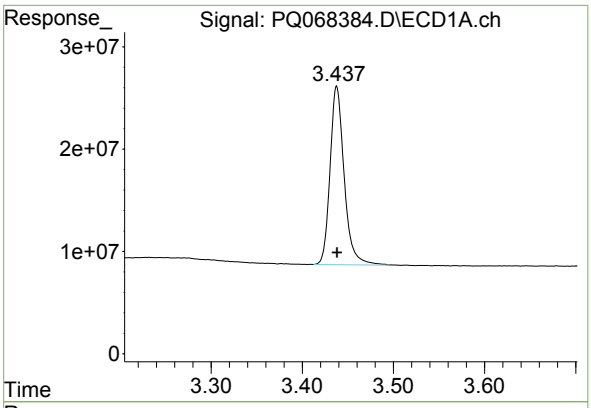
Instrument :
ECD_Q
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 05:07:59 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 05:02:56 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



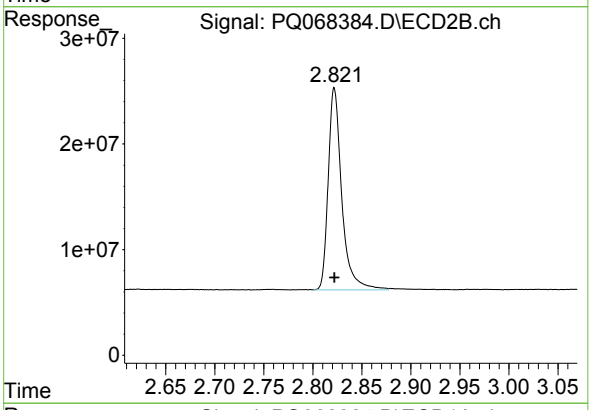




#1 Tetrachloro-m-xylene

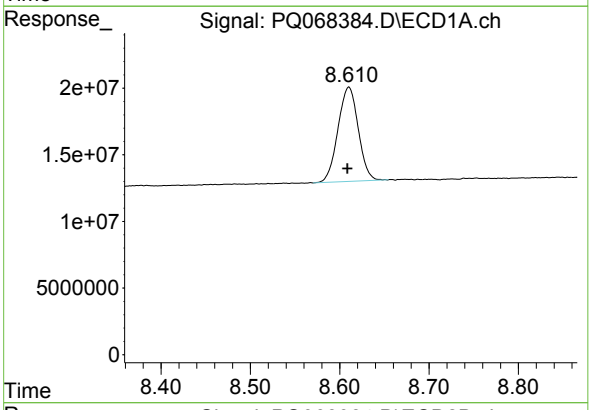
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 187900704
Conc: 25.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC250



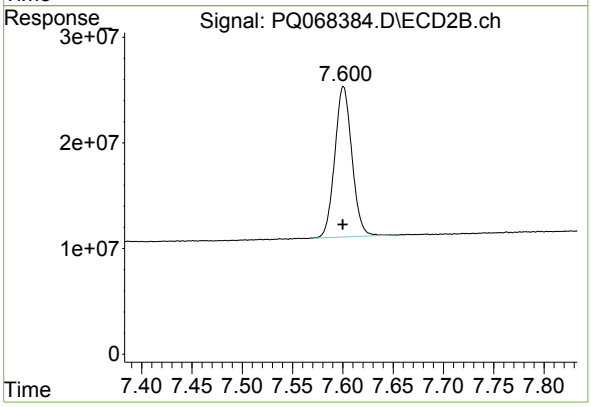
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 184246791
Conc: 24.88 ng/ml



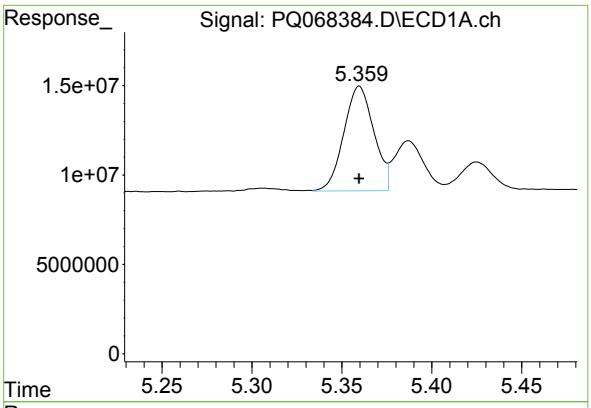
#2 Decachlorobiphenyl

R.T.: 8.610 min
Delta R.T.: 0.001 min
Response: 111559490
Conc: 25.18 ng/ml



#2 Decachlorobiphenyl

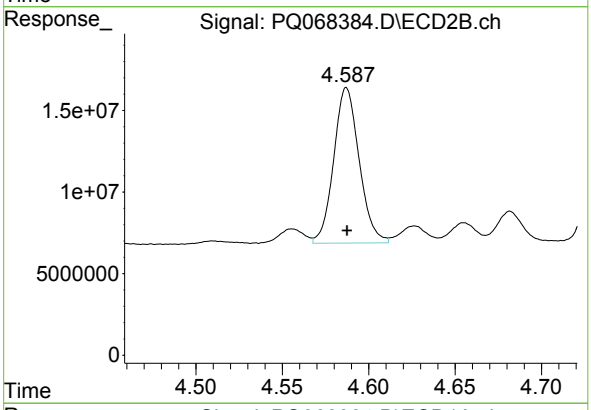
R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 168637018
Conc: 25.17 ng/ml



#26 AR-1254-1

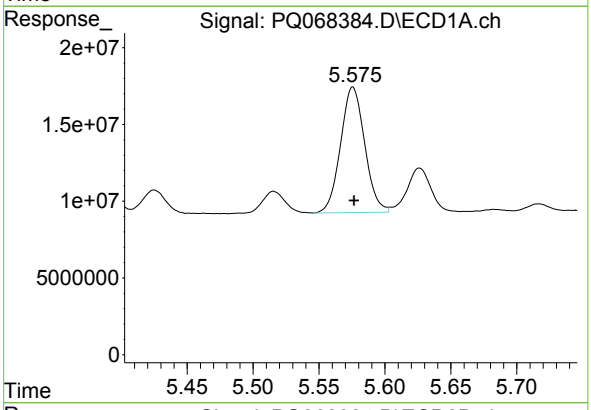
R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 68048473
Conc: 258.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC250



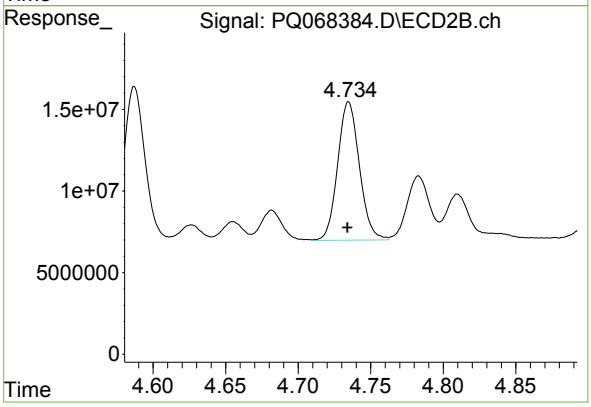
#26 AR-1254-1

R.T.: 4.587 min
Delta R.T.: 0.000 min
Response: 97891319
Conc: 256.19 ng/ml



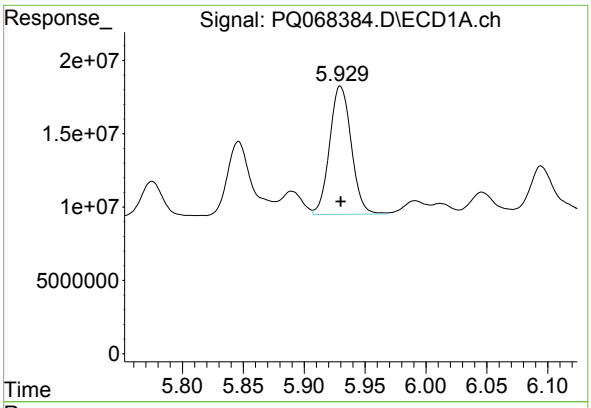
#27 AR-1254-2

R.T.: 5.576 min
Delta R.T.: 0.000 min
Response: 104218687
Conc: 260.91 ng/ml



#27 AR-1254-2

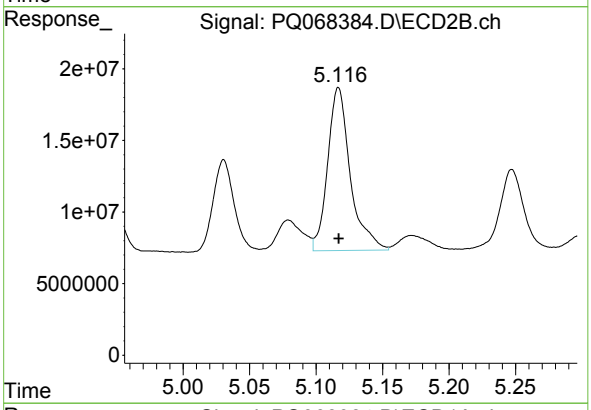
R.T.: 4.735 min
Delta R.T.: 0.000 min
Response: 88579848
Conc: 257.82 ng/ml



#28 AR-1254-3

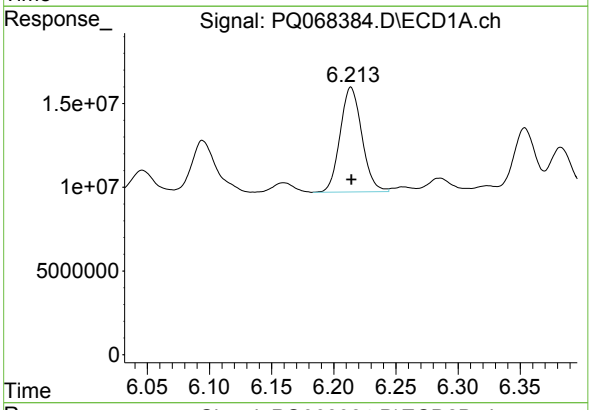
R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 108006024
Conc: 259.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC250



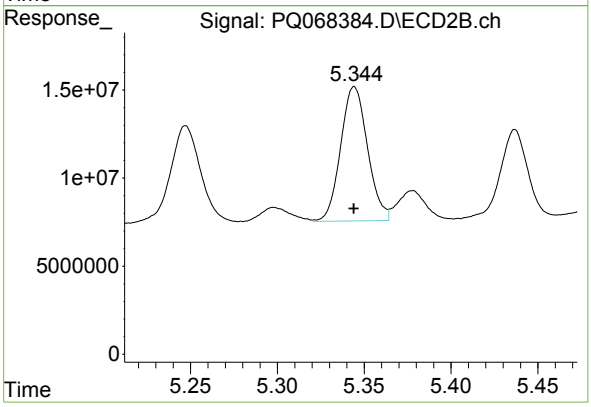
#28 AR-1254-3

R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 135132064
Conc: 255.00 ng/ml



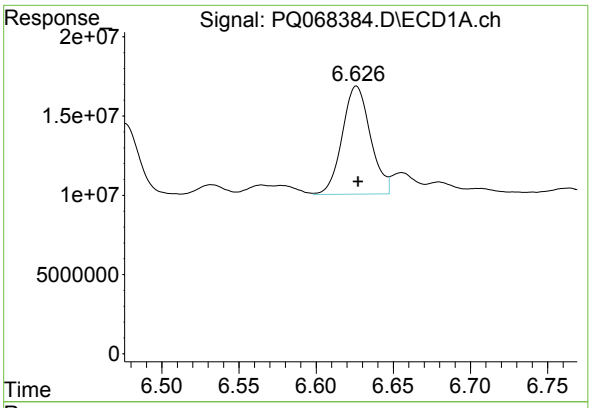
#29 AR-1254-4

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 76179554
Conc: 255.23 ng/ml



#29 AR-1254-4

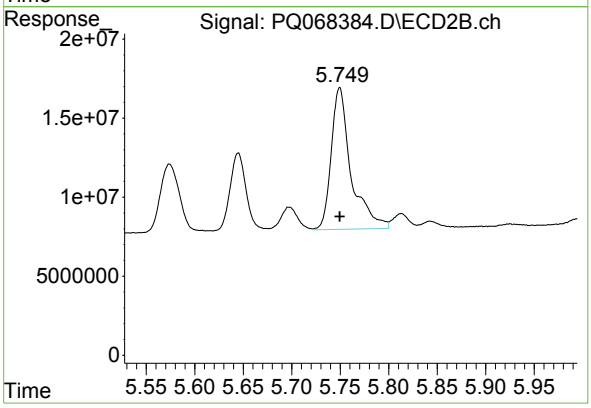
R.T.: 5.344 min
Delta R.T.: 0.000 min
Response: 82250463
Conc: 253.02 ng/ml



#30 AR-1254-5

R.T.: 6.626 min
Delta R.T.: -0.001 min
Response: 86721015
Conc: 255.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC250



#30 AR-1254-5

R.T.: 5.750 min
Delta R.T.: 0.000 min
Response: 127882963
Conc: 252.35 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068385.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 18:51
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 05:12:15 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 05:02:56 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	33331413	31900968	4.642	4.524
2)	SA Decachlor...	8.609	7.600	20155766	29387061	4.679	4.562
	Target Compounds						
26)	L6 AR-1254-1	5.360	4.587	13025326	18576922	49.109	48.664
27)	L6 AR-1254-2	5.576	4.735	19737597	16271531	48.893	47.702
28)	L6 AR-1254-3	5.931	5.117	19911003	24594270	47.899	47.226
29)	L6 AR-1254-4	6.214	5.344	13438034	14738590	46.234	46.600
30)	L6 AR-1254-5	6.626	5.749	15236891	20218939	46.109	42.636

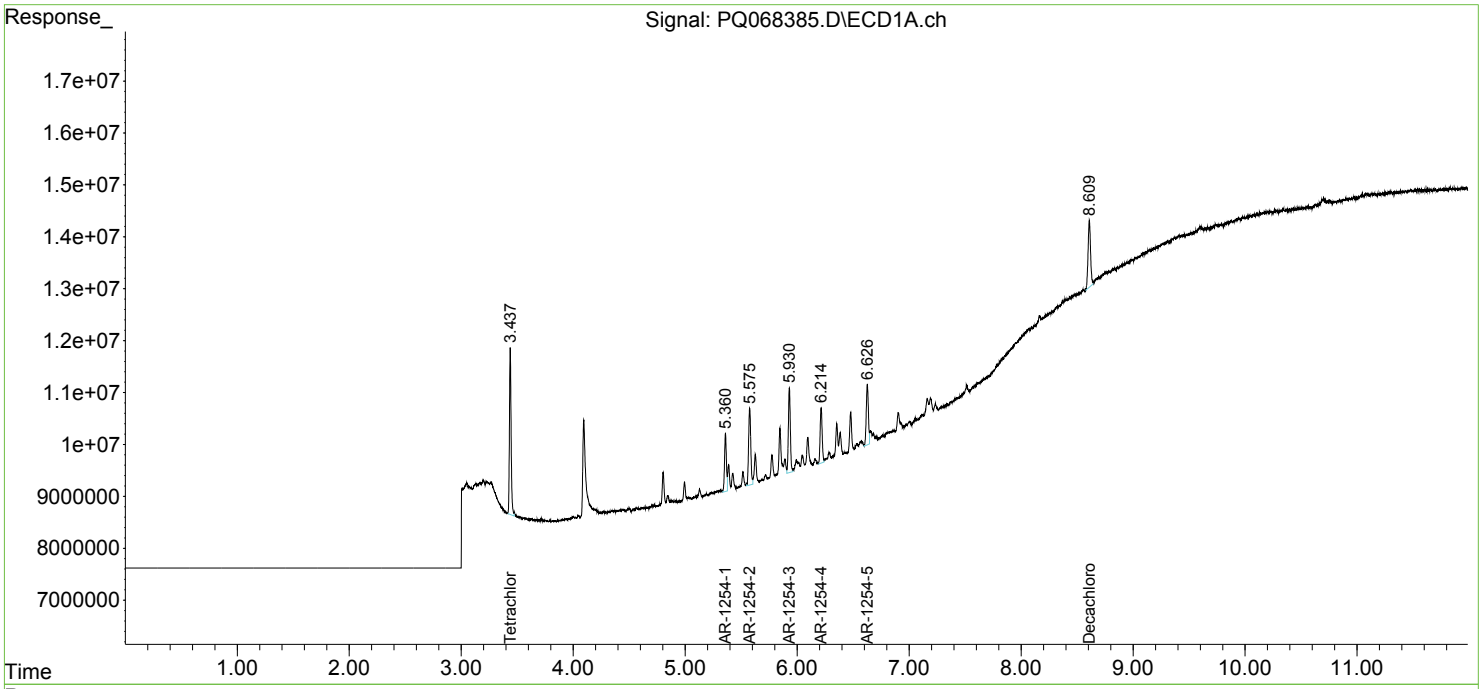
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

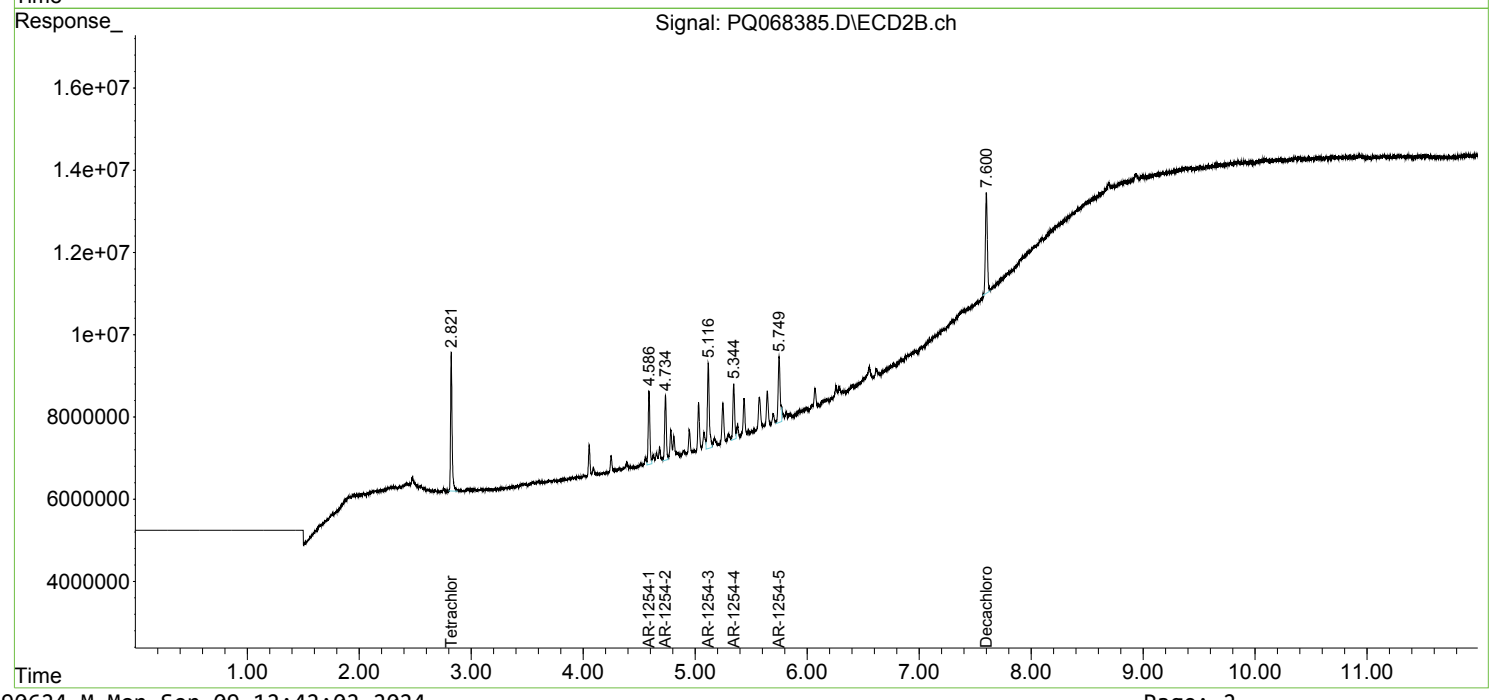
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068385.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 18:51
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

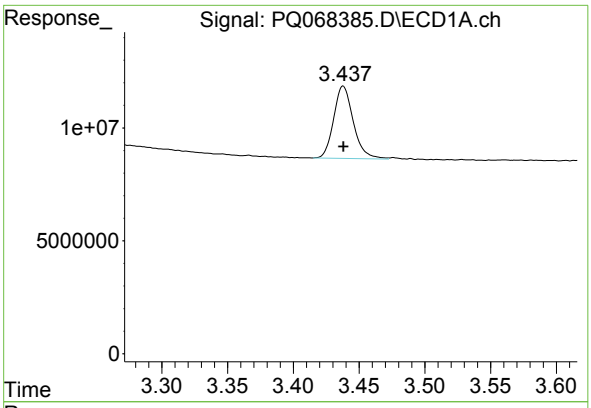
Instrument :
ECD_Q
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 05:12:15 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 05:02:56 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



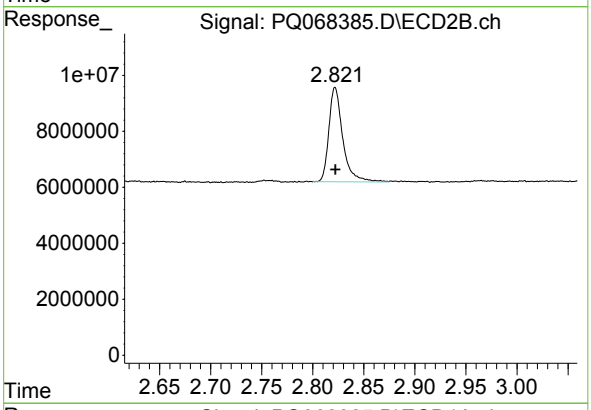




#1 Tetrachloro-m-xylene

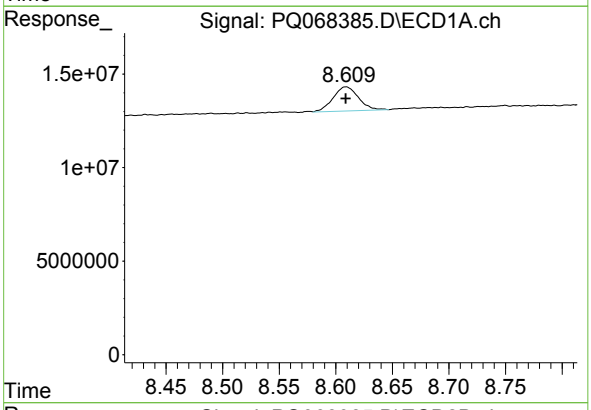
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 33331413
Conc: 4.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC050



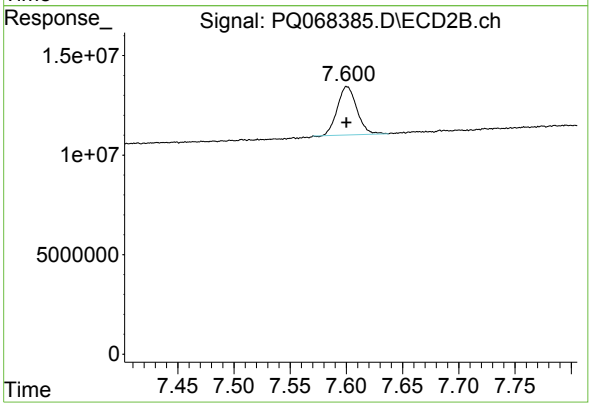
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 31900968
Conc: 4.52 ng/ml



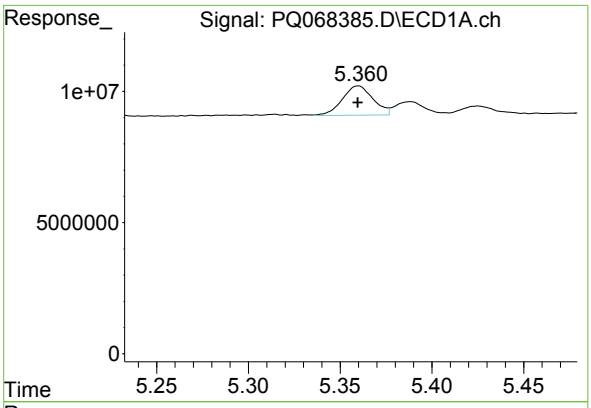
#2 Decachlorobiphenyl

R.T.: 8.609 min
Delta R.T.: 0.000 min
Response: 20155766
Conc: 4.68 ng/ml



#2 Decachlorobiphenyl

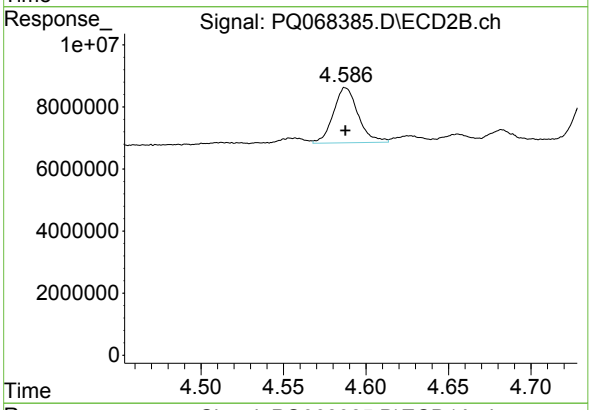
R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 29387061
Conc: 4.56 ng/ml



#26 AR-1254-1

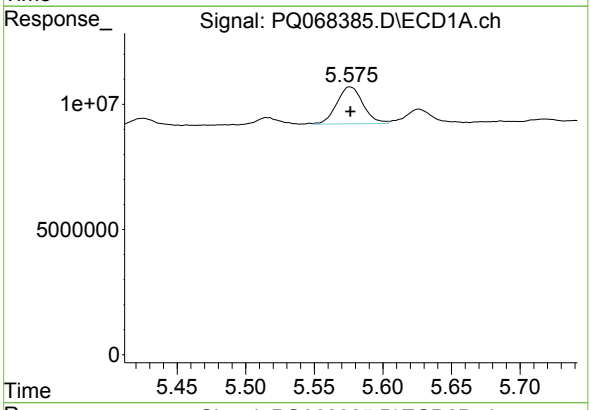
R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 13025326
Conc: 49.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC050



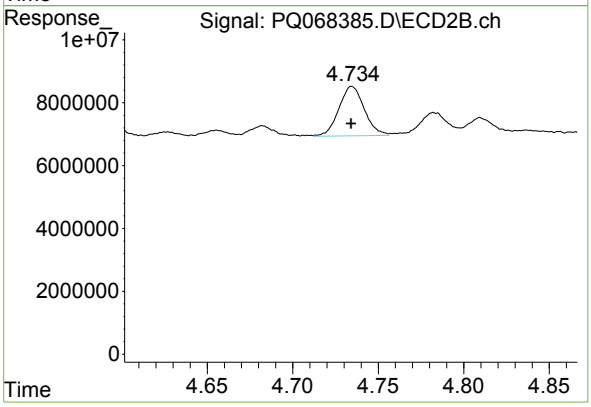
#26 AR-1254-1

R.T.: 4.587 min
Delta R.T.: 0.000 min
Response: 18576922
Conc: 48.66 ng/ml



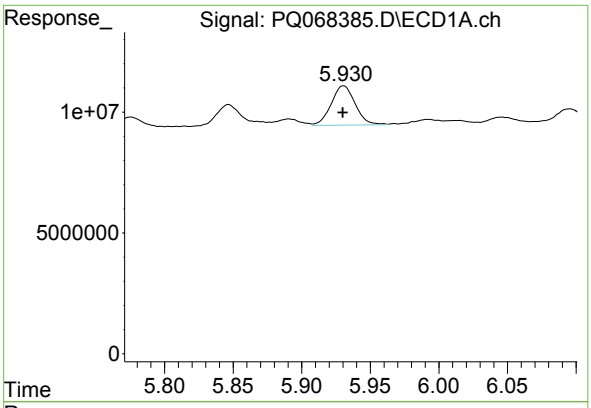
#27 AR-1254-2

R.T.: 5.576 min
Delta R.T.: 0.000 min
Response: 19737597
Conc: 48.89 ng/ml



#27 AR-1254-2

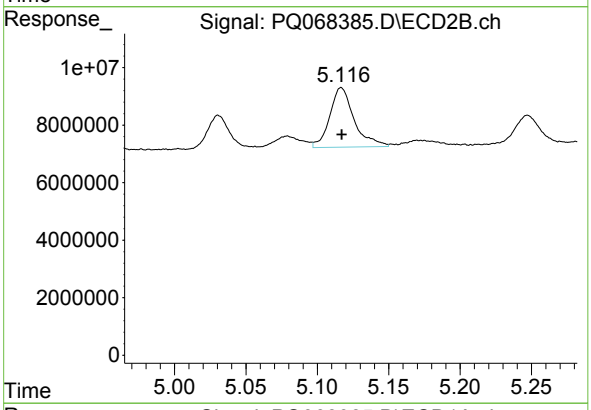
R.T.: 4.735 min
Delta R.T.: 0.000 min
Response: 16271531
Conc: 47.70 ng/ml



#28 AR-1254-3

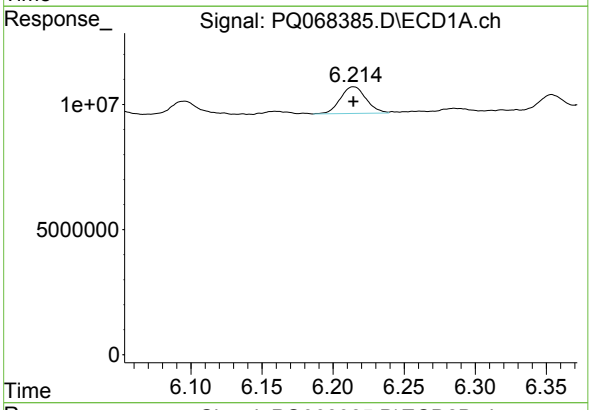
R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 19911003
Conc: 47.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC050



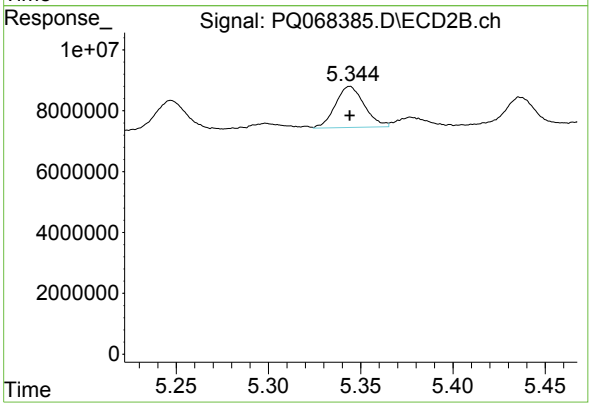
#28 AR-1254-3

R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 24594270
Conc: 47.23 ng/ml



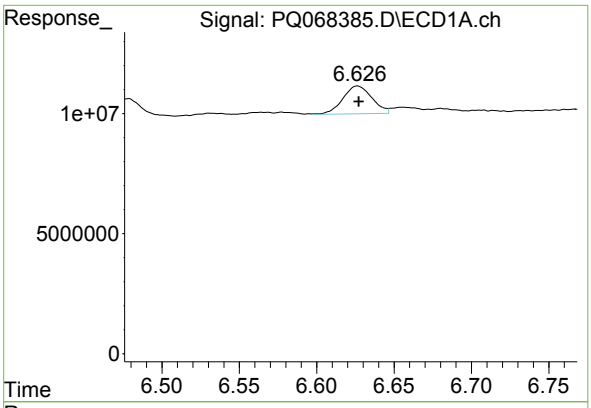
#29 AR-1254-4

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 13438034
Conc: 46.23 ng/ml



#29 AR-1254-4

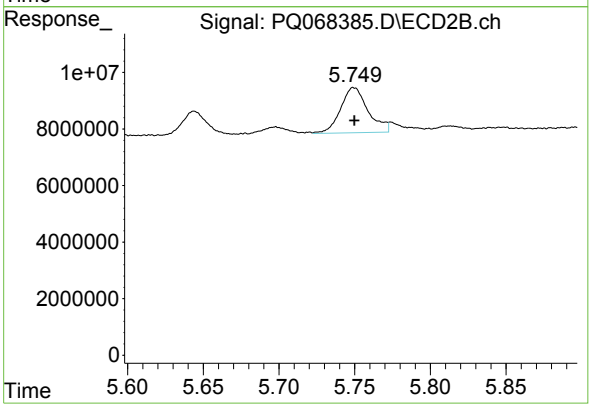
R.T.: 5.344 min
Delta R.T.: 0.000 min
Response: 14738590
Conc: 46.60 ng/ml



#30 AR-1254-5

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 15236891
Conc: 46.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC050



#30 AR-1254-5

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 20218939
Conc: 42.64 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068386.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 19:05
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 05:53:31 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 05:49:07 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	354.8E6	354.1E6	50.000	50.000
2)	SA Decachlor...	8.609	7.600	217.9E6	328.6E6	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	6.924	5.793	176.8E6	242.6E6	500.000	500.000
37)	L8 AR-1262-2	7.234	6.041	326.5E6	222.7E6	500.000	500.000
38)	L8 AR-1262-3	7.509	6.564	214.8E6	177.1E6	500.000	500.000
39)	L8 AR-1262-4	7.582	6.625	166.7E6	331.2E6	500.000	500.000
40)	L8 AR-1262-5	8.084	7.116	105.3E6	153.0E6	500.000	500.000

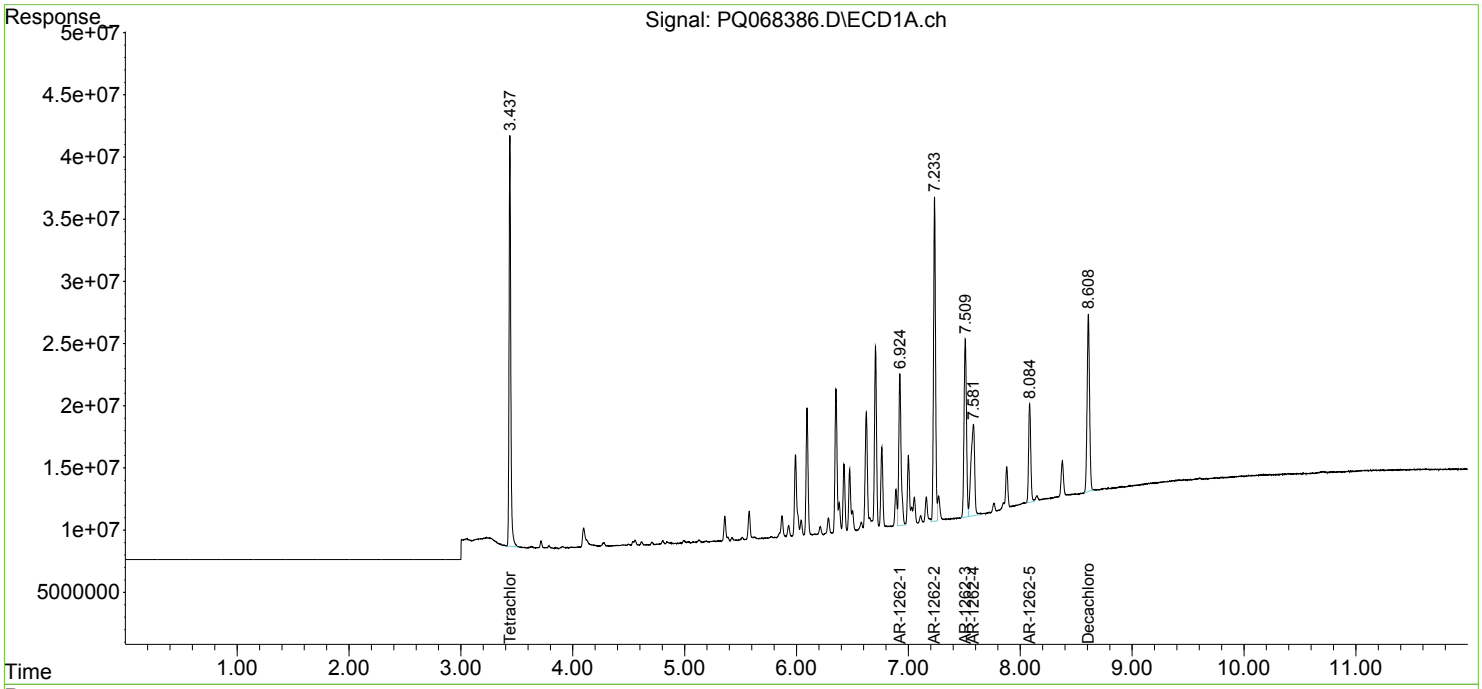
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

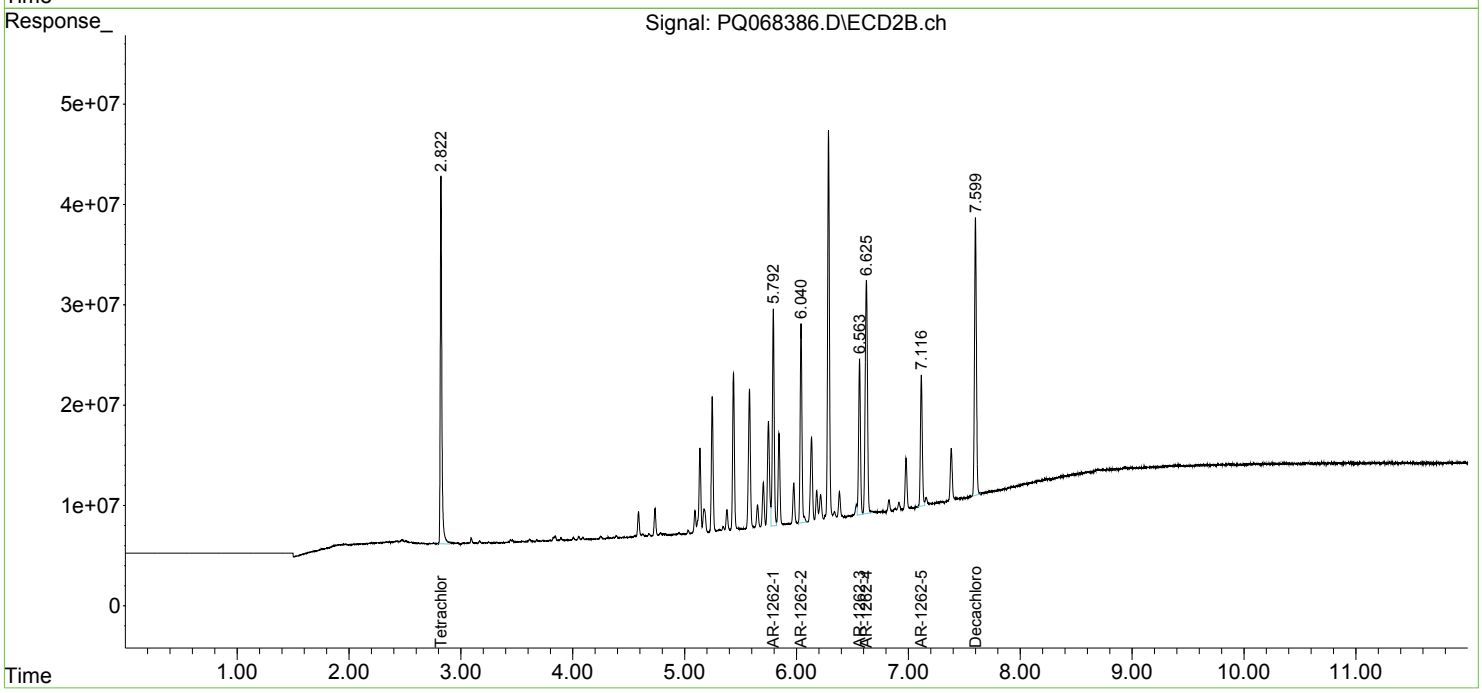
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068386.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 19:05
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

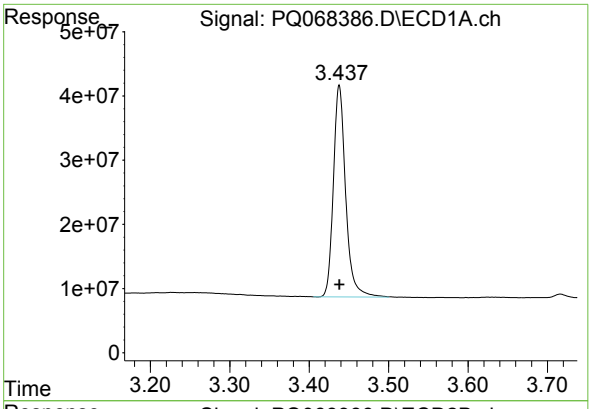
Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 05:53:31 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 05:49:07 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



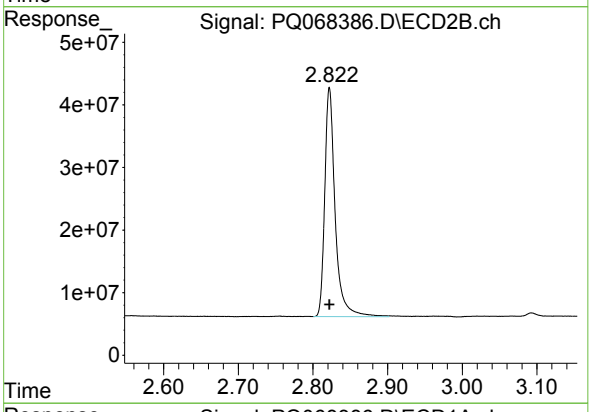




#1 Tetrachloro-m-xylene

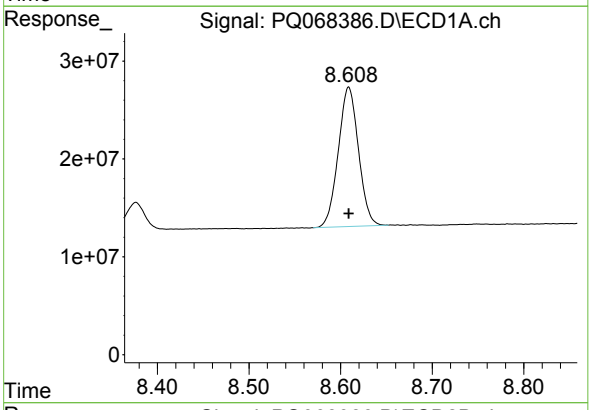
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 354820170
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500



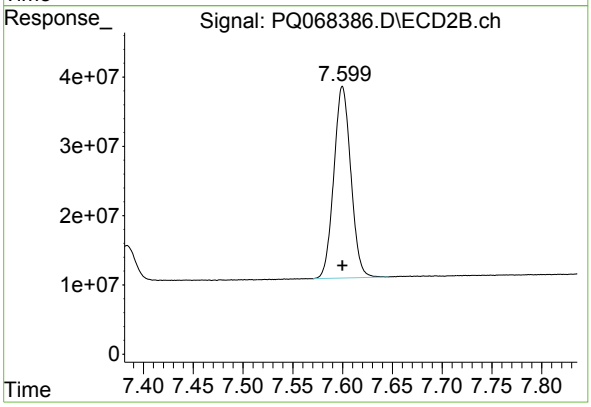
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 354105539
Conc: 50.00 ng/ml



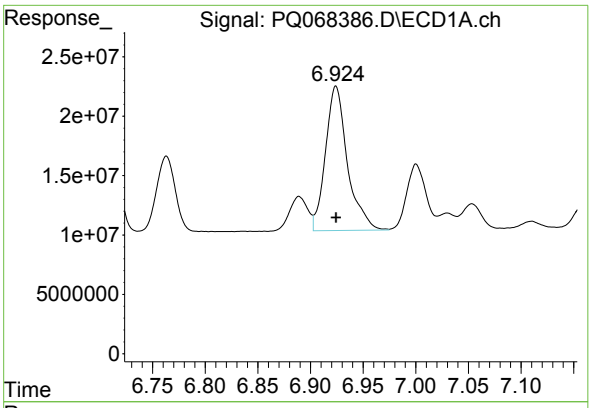
#2 Decachlorobiphenyl

R.T.: 8.609 min
Delta R.T.: 0.000 min
Response: 217948958
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

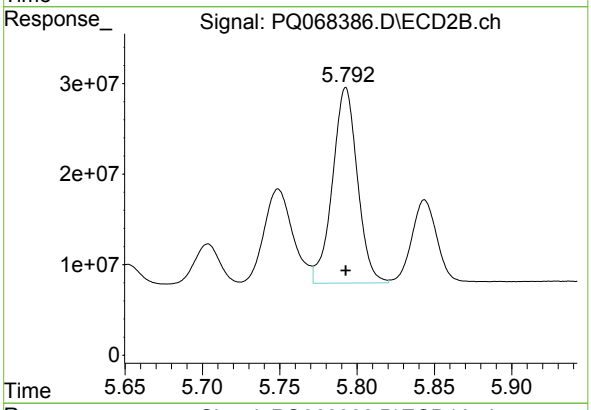
R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 328564533
Conc: 50.00 ng/ml



#36 AR-1262-1

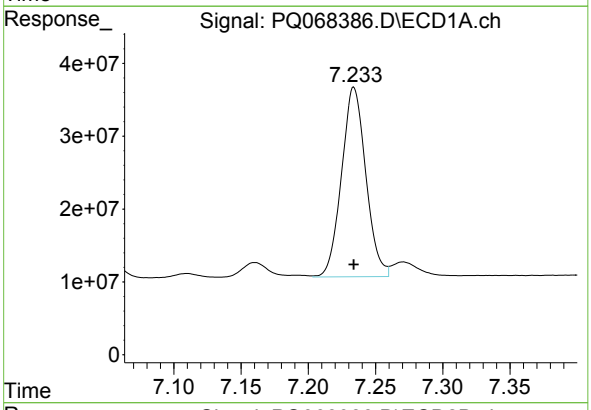
R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 176801743
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500



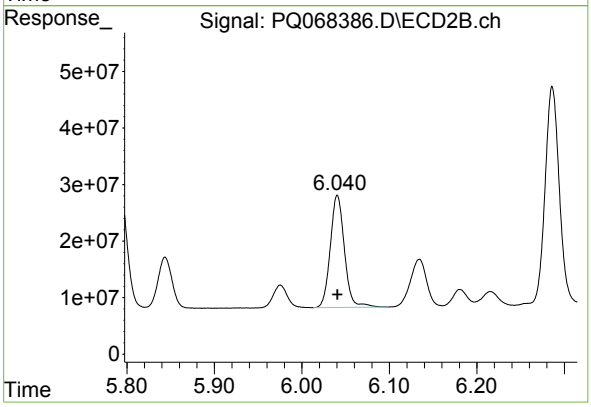
#36 AR-1262-1

R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 242631965
Conc: 500.00 ng/ml



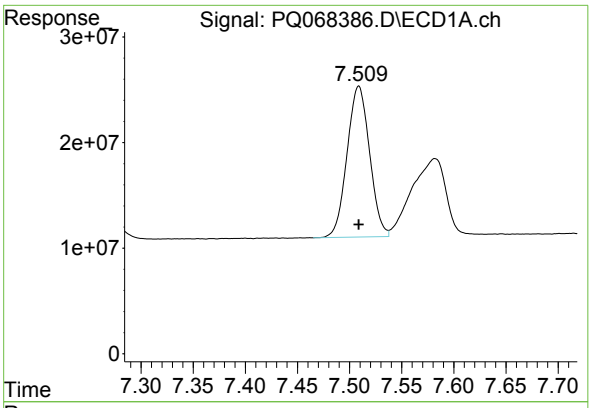
#37 AR-1262-2

R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 326513663
Conc: 500.00 ng/ml



#37 AR-1262-2

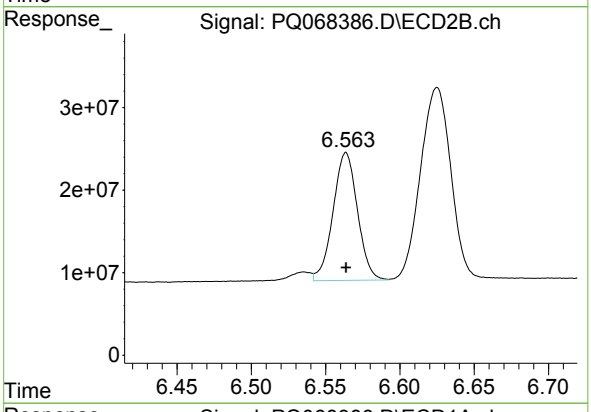
R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 222690600
Conc: 500.00 ng/ml



#38 AR-1262-3

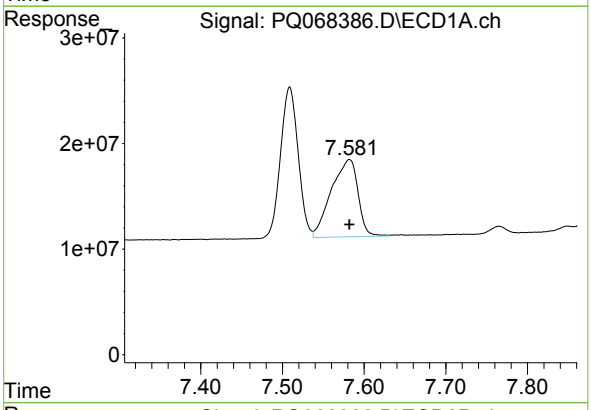
R.T.: 7.509 min
Delta R.T.: 0.000 min
Response: 214848117
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500



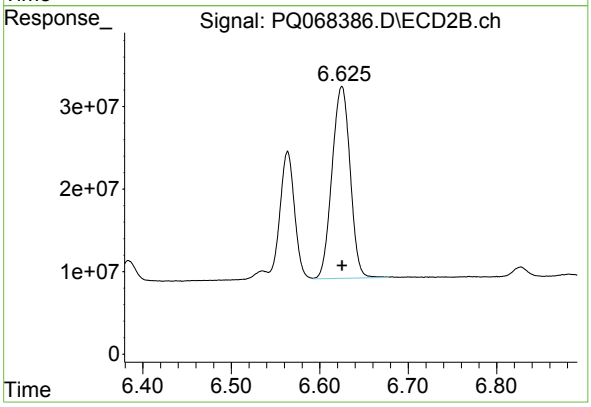
#38 AR-1262-3

R.T.: 6.564 min
Delta R.T.: 0.000 min
Response: 177086755
Conc: 500.00 ng/ml



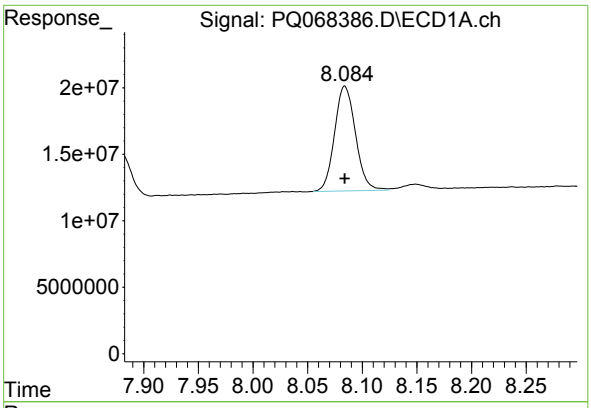
#39 AR-1262-4

R.T.: 7.582 min
Delta R.T.: 0.000 min
Response: 166742751
Conc: 500.00 ng/ml



#39 AR-1262-4

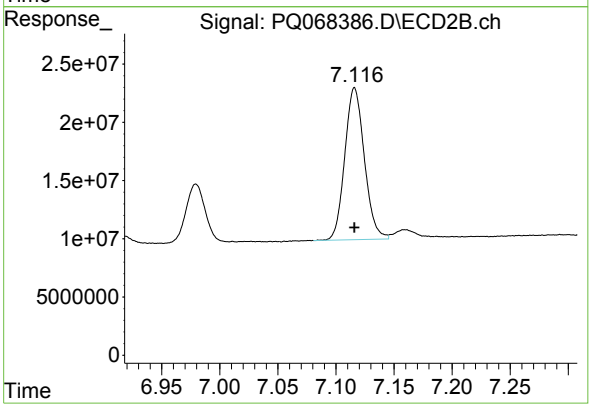
R.T.: 6.625 min
Delta R.T.: 0.000 min
Response: 331163776
Conc: 500.00 ng/ml



#40 AR-1262-5

R.T.: 8.084 min
Delta R.T.: 0.000 min
Response: 105324447
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500



#40 AR-1262-5

R.T.: 7.116 min
Delta R.T.: 0.000 min
Response: 152983533
Conc: 500.00 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068387.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 19:20
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 06:36:48 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 06:12:46 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	700.2E6	715.5E6	97.329	98.706
2)	SA Decachlor...	8.609	7.600	725.6E6	1093.9E6	97.303	97.984
	Target Compounds						
41)	L9 AR-1268-1	7.504	6.563	708.3E6	1001.9E6	975.082m	983.356m
42)	L9 AR-1268-2	7.584	6.627	649.9E6	916.9E6	976.466	989.898
43)	L9 AR-1268-3	7.763	6.826	535.9E6	791.3E6	976.292	985.501
44)	L9 AR-1268-4	8.084	7.116	216.0E6	320.8E6	980.565	974.992
45)	L9 AR-1268-5	8.376	7.384	1585.9E6	2377.8E6	987.745	991.166

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068387.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 19:20
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

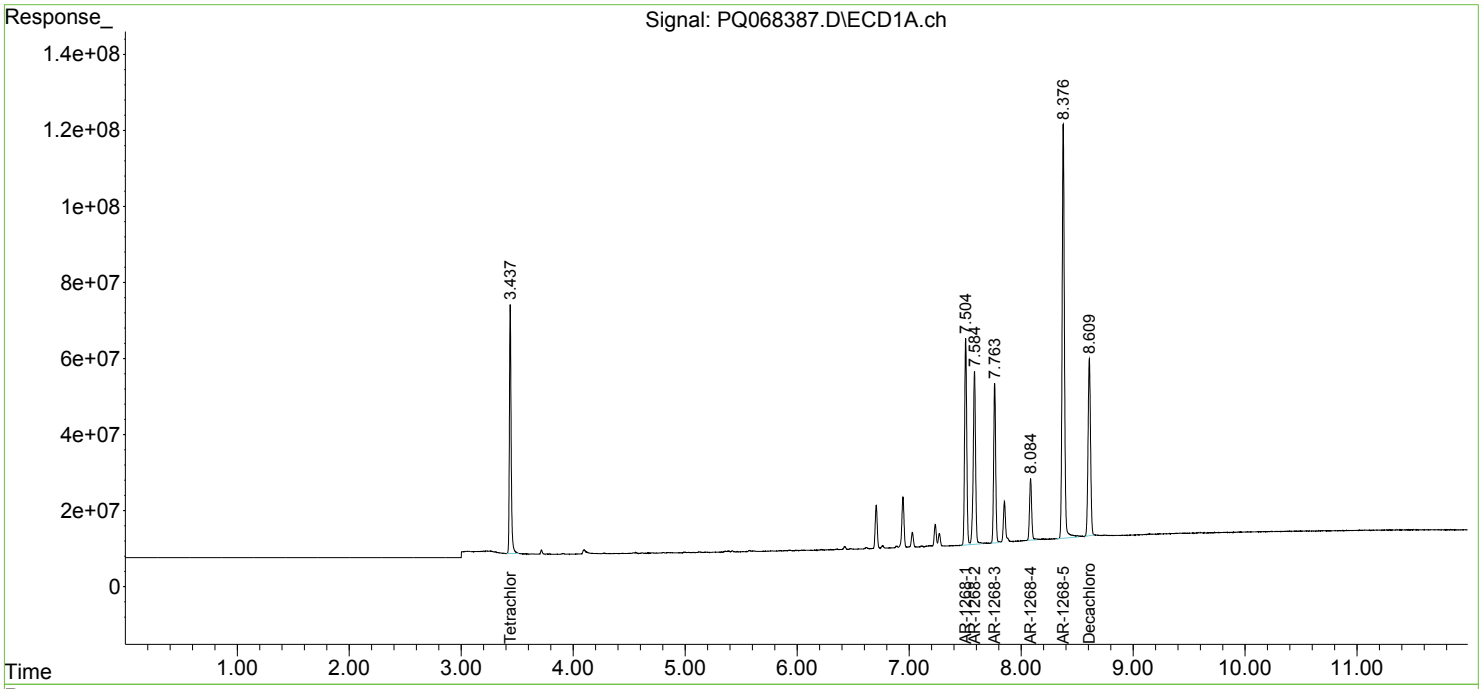
Instrument :
ECD_Q
ClientSampleId :
AR1268ICC1000

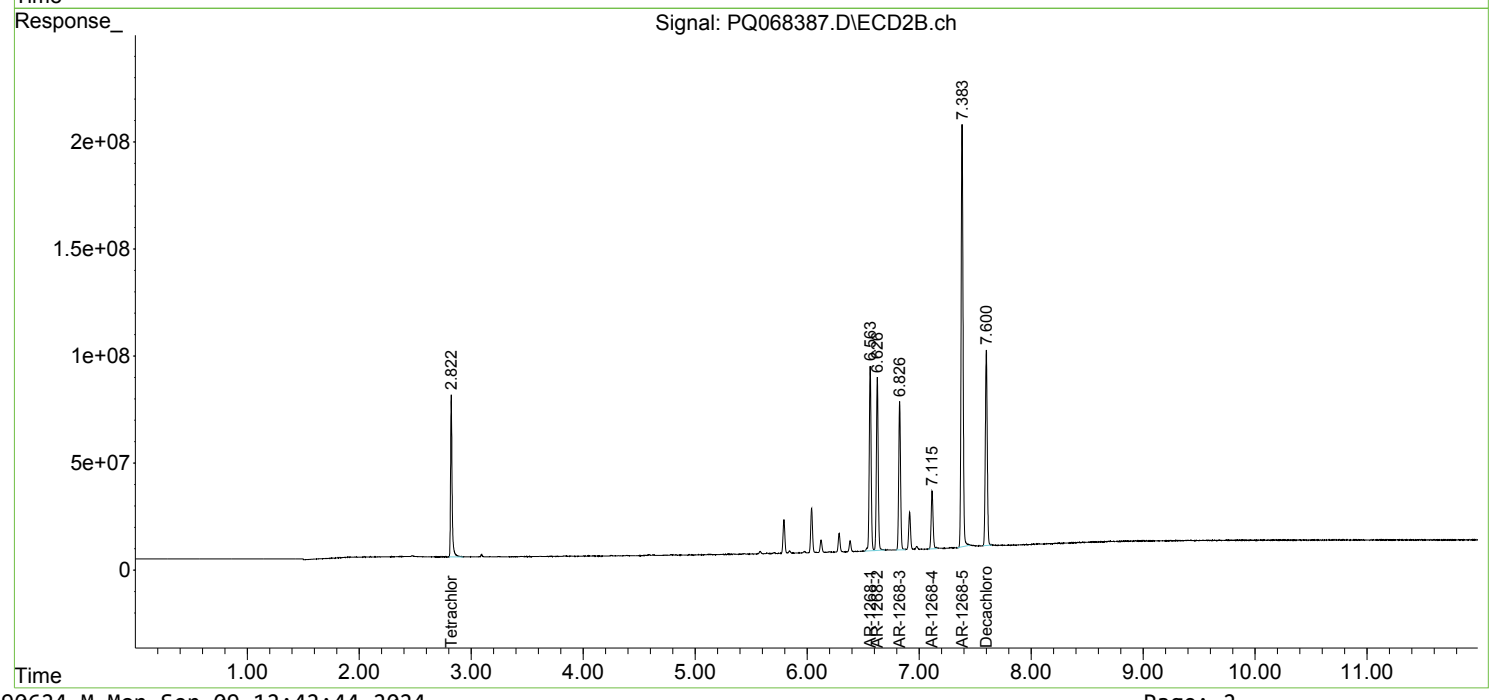
Manual Integrations APPROVED

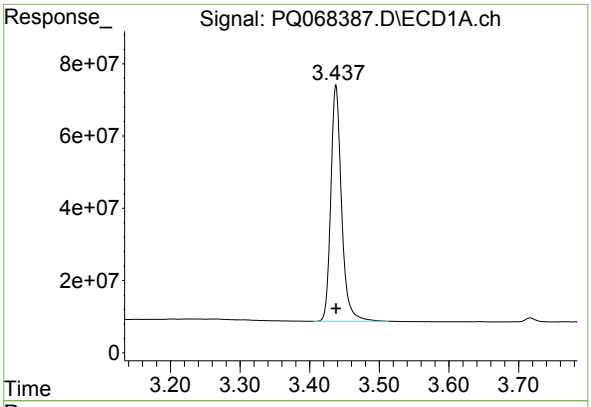
Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 06:36:48 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 06:12:46 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







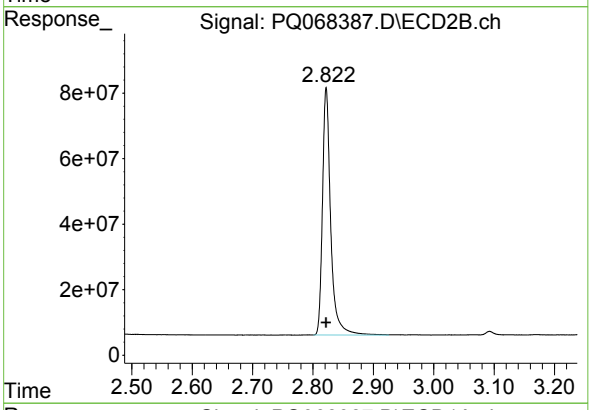
#1 Tetrachloro-m-xylene

R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 700158050
Conc: 97.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC1000

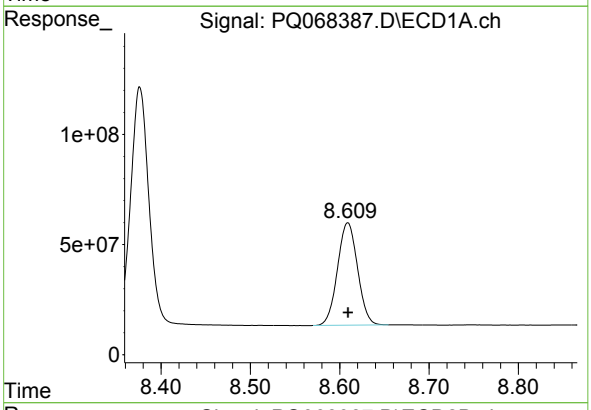
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



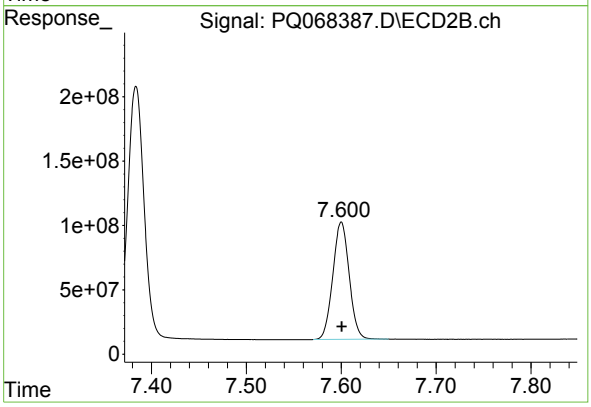
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 715503677
Conc: 98.71 ng/ml



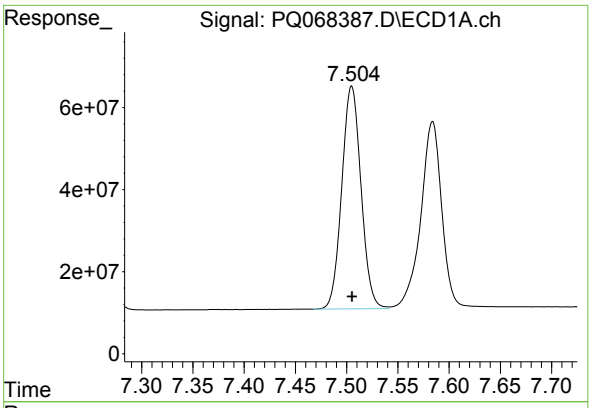
#2 Decachlorobiphenyl

R.T.: 8.609 min
Delta R.T.: 0.000 min
Response: 725648854
Conc: 97.30 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 1093895845
Conc: 97.98 ng/ml



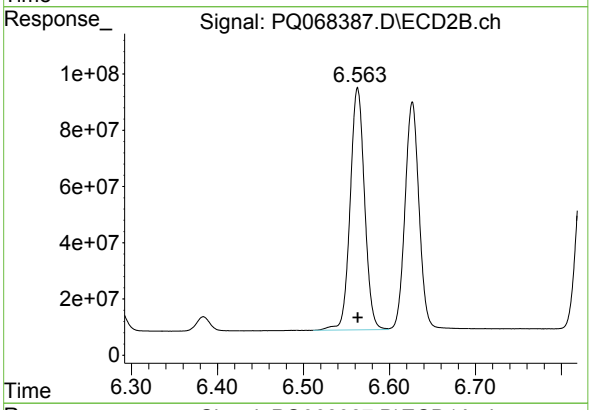
#41 AR-1268-1

R.T.: 7.504 min
Delta R.T.: -0.001 min
Response: 708299103
Conc: 975.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC1000

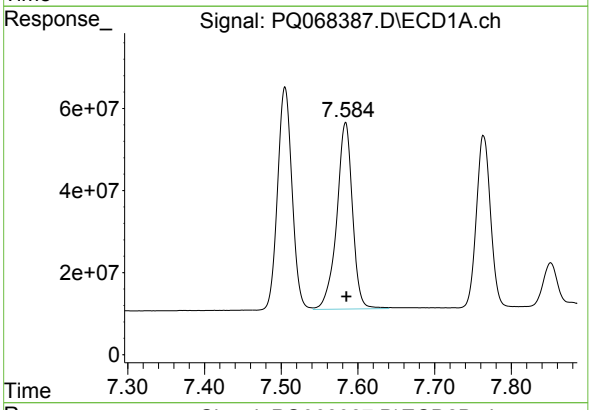
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



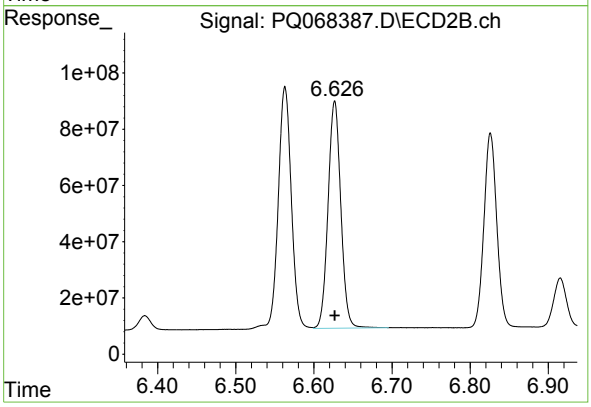
#41 AR-1268-1

R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 1001947756
Conc: 983.36 ng/ml m



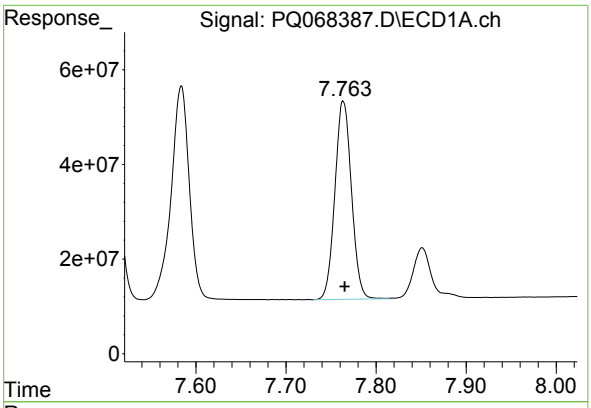
#42 AR-1268-2

R.T.: 7.584 min
Delta R.T.: -0.001 min
Response: 649939522
Conc: 976.47 ng/ml



#42 AR-1268-2

R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 916869193
Conc: 989.90 ng/ml



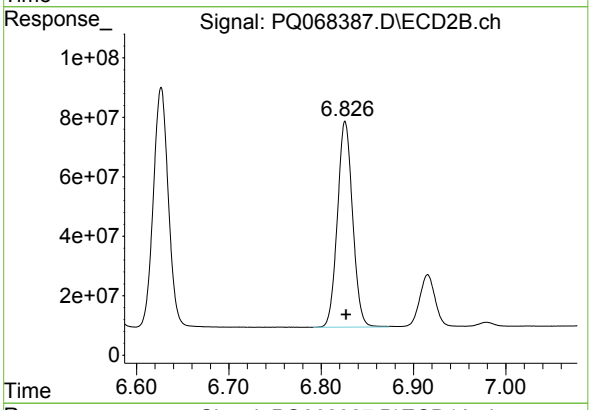
#43 AR-1268-3

R.T.: 7.763 min
Delta R.T.: -0.002 min
Response: 535868451
Conc: 976.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC1000

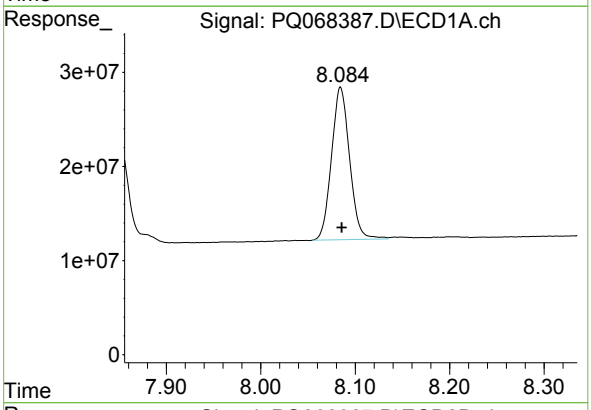
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



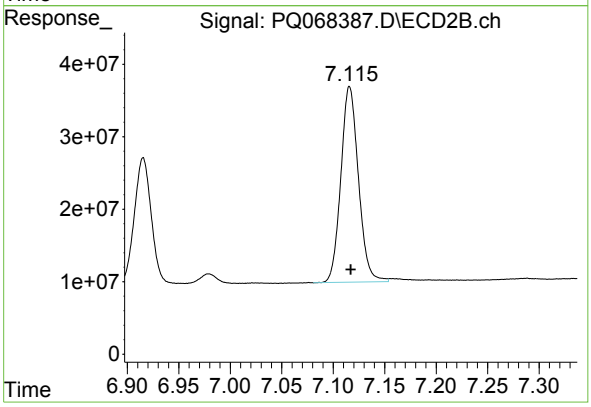
#43 AR-1268-3

R.T.: 6.826 min
Delta R.T.: -0.001 min
Response: 791349263
Conc: 985.50 ng/ml



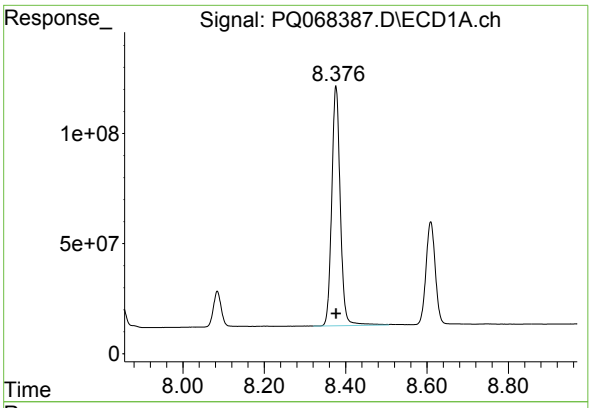
#44 AR-1268-4

R.T.: 8.084 min
Delta R.T.: -0.001 min
Response: 215987240
Conc: 980.56 ng/ml



#44 AR-1268-4

R.T.: 7.116 min
Delta R.T.: -0.001 min
Response: 320780143
Conc: 974.99 ng/ml



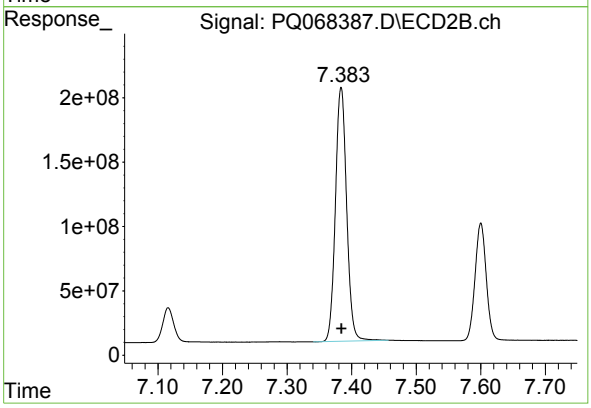
#45 AR-1268-5

R.T.: 8.376 min
Delta R.T.: 0.000 min
Response: 1585855062
Conc: 987.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



#45 AR-1268-5

R.T.: 7.384 min
Delta R.T.: 0.000 min
Response: 2377806535
Conc: 991.17 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068388.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 19:34
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 06:33:18 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 06:12:46 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	533.2E6	543.2E6	74.127	74.942
2)	SA Decachlor...	8.609	7.601	554.6E6	827.9E6	74.368	74.157
	Target Compounds						
41)	L9 AR-1268-1	7.505	6.564	538.4E6	756.2E6	741.247m	742.143m
42)	L9 AR-1268-2	7.585	6.627	494.6E6	690.8E6	743.064	745.808
43)	L9 AR-1268-3	7.764	6.827	408.0E6	597.1E6	743.338	743.555
44)	L9 AR-1268-4	8.085	7.117	163.8E6	245.1E6	743.452	744.964
45)	L9 AR-1268-5	8.377	7.385	1203.2E6	1788.9E6	749.424	745.674

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068388.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 19:34
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

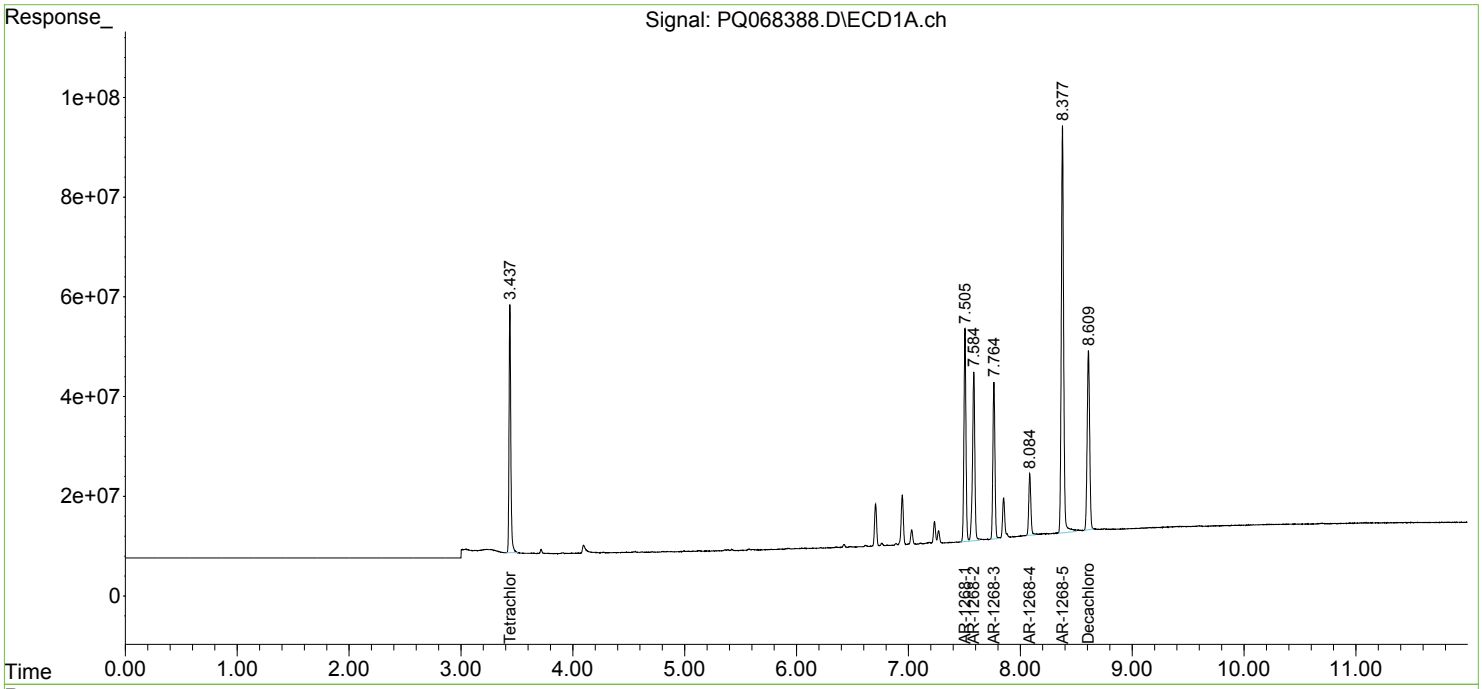
Instrument :
ECD_Q
ClientSampleId :
AR1268ICC750

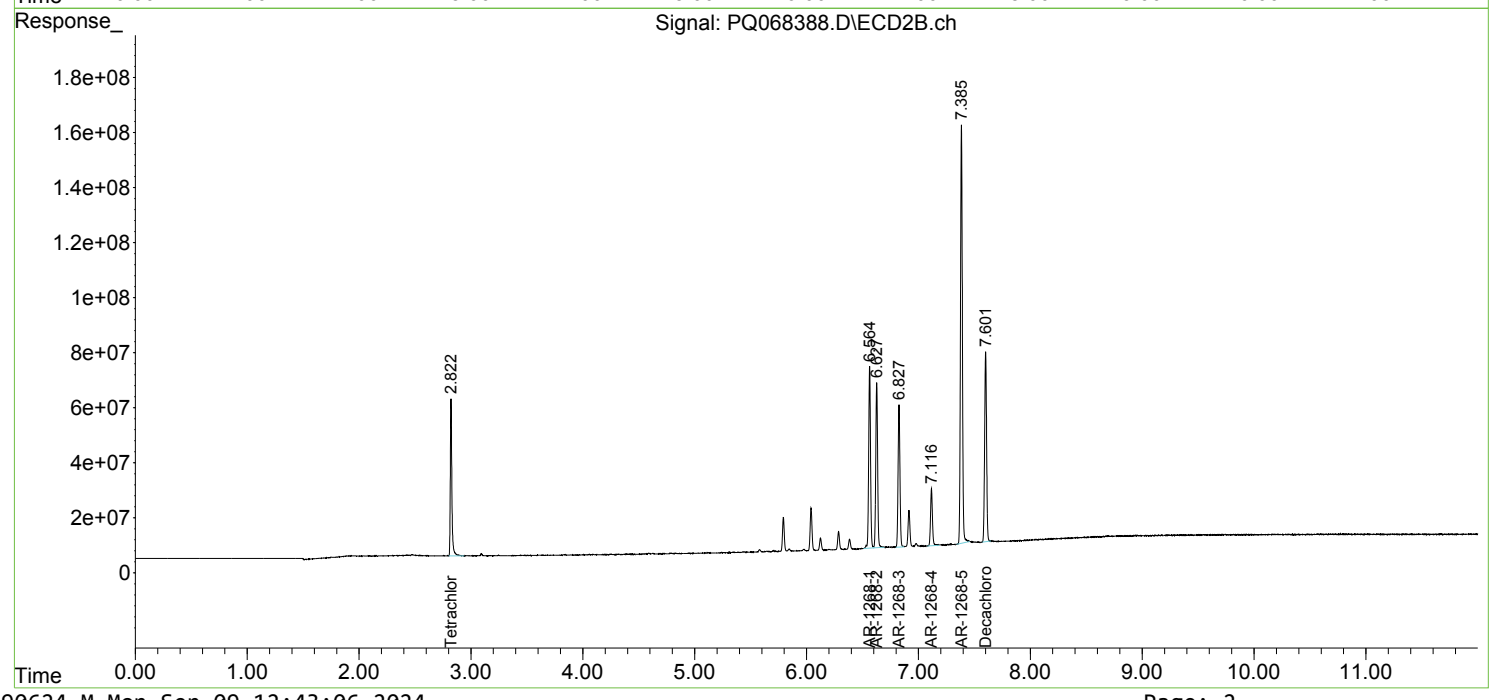
Manual Integrations APPROVED

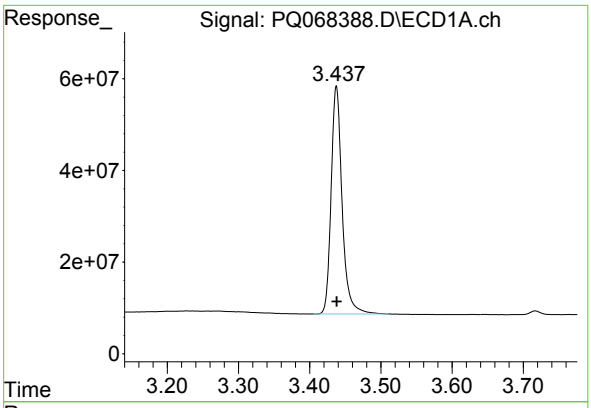
Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 06:33:18 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 06:12:46 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







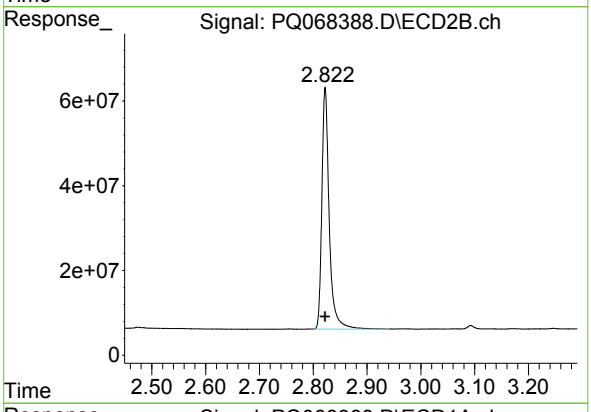
#1 Tetrachloro-m-xylene

R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 533247026
Conc: 74.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC750

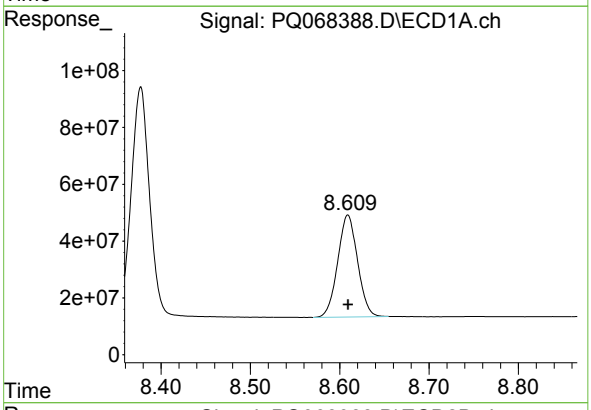
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



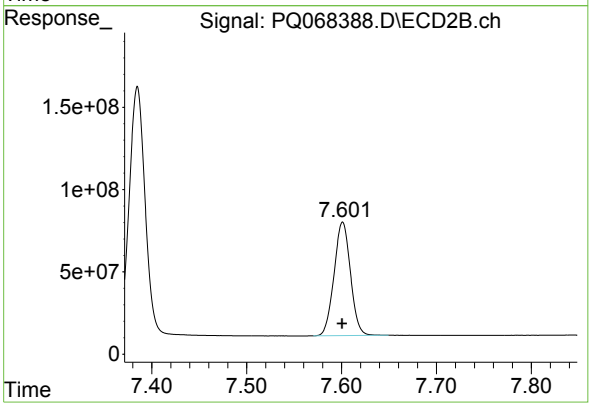
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 543245357
Conc: 74.94 ng/ml



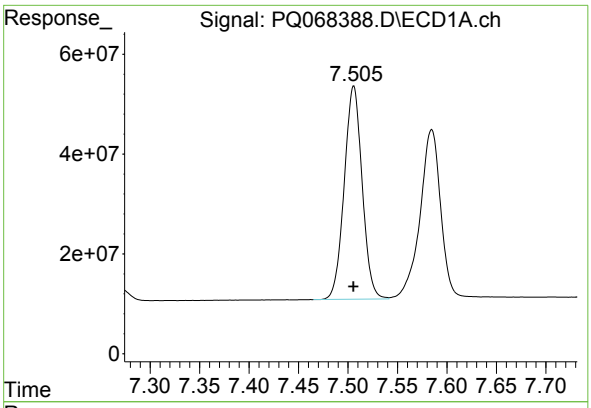
#2 Decachlorobiphenyl

R.T.: 8.609 min
Delta R.T.: 0.000 min
Response: 554613233
Conc: 74.37 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 827888297
Conc: 74.16 ng/ml



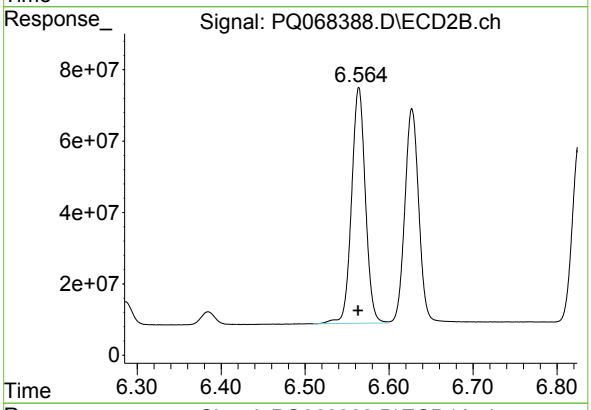
#41 AR-1268-1

R.T.: 7.505 min
Delta R.T.: 0.000 min
Response: 538441361
Conc: 741.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC750

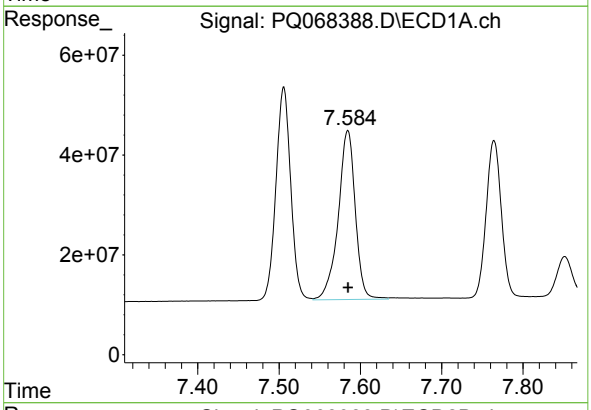
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



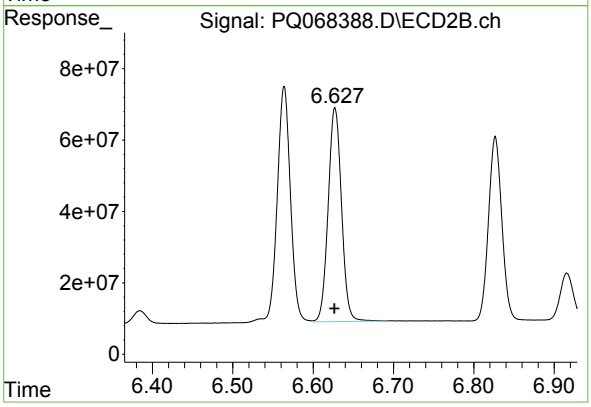
#41 AR-1268-1

R.T.: 6.564 min
Delta R.T.: 0.000 min
Response: 756174098
Conc: 742.14 ng/ml m



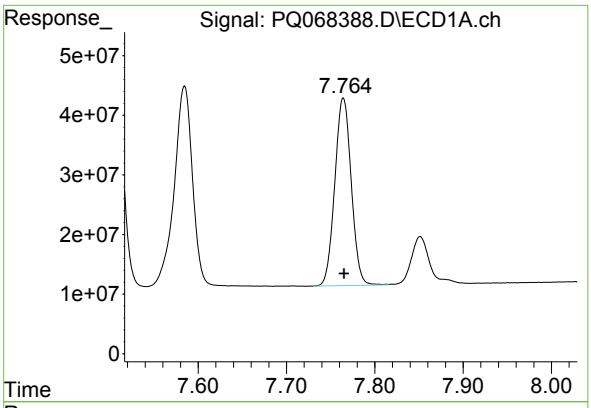
#42 AR-1268-2

R.T.: 7.585 min
Delta R.T.: 0.000 min
Response: 494586226
Conc: 743.06 ng/ml



#42 AR-1268-2

R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 690786681
Conc: 745.81 ng/ml



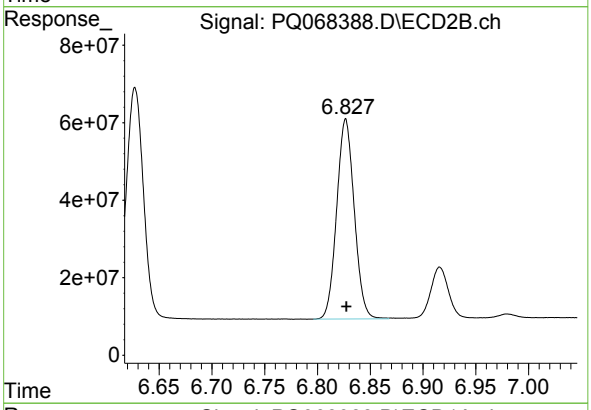
#43 AR-1268-3

R.T.: 7.764 min
Delta R.T.: 0.000 min
Response: 408003895
Conc: 743.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC750

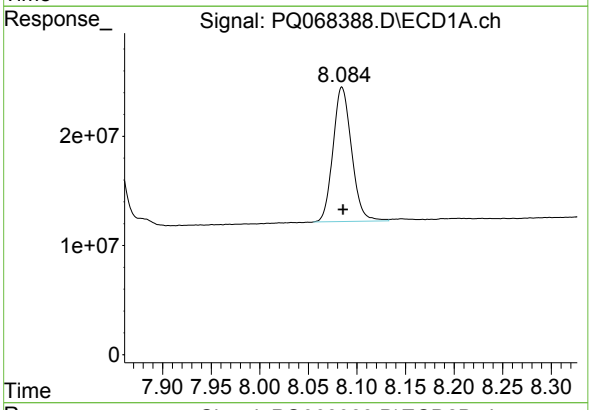
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



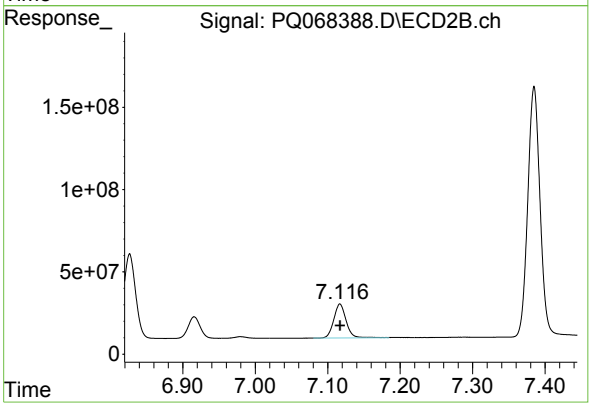
#43 AR-1268-3

R.T.: 6.827 min
Delta R.T.: 0.000 min
Response: 597068222
Conc: 743.55 ng/ml



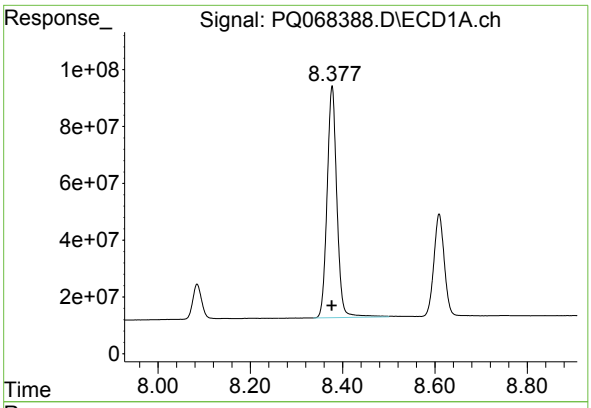
#44 AR-1268-4

R.T.: 8.085 min
Delta R.T.: -0.001 min
Response: 163758894
Conc: 743.45 ng/ml



#44 AR-1268-4

R.T.: 7.117 min
Delta R.T.: 0.000 min
Response: 245099067
Conc: 744.96 ng/ml



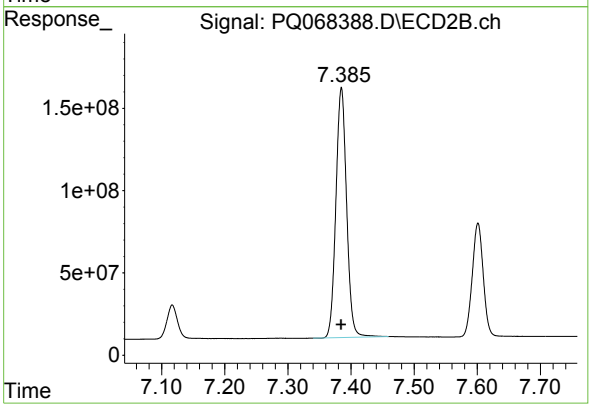
#45 AR-1268-5

R.T.: 8.377 min
Delta R.T.: 0.000 min
Response: 1203223504
Conc: 749.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



#45 AR-1268-5

R.T.: 7.385 min
Delta R.T.: 0.000 min
Response: 1788871701
Conc: 745.67 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068389.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 19:49
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 06:18:02 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 06:17:29 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	363.9E6	362.7E6	50.000	50.000
2)	SA Decachlor...	8.610	7.600	376.0E6	564.5E6	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	7.505	6.563	368.2E6	514.0E6	501.280m	500.595m
42)	L9 AR-1268-2	7.585	6.627	335.9E6	465.7E6	500.000	500.000
43)	L9 AR-1268-3	7.765	6.827	276.9E6	404.9E6	500.000	500.000
44)	L9 AR-1268-4	8.086	7.117	111.1E6	165.6E6	500.000	500.000
45)	L9 AR-1268-5	8.377	7.384	803.4E6	1206.4E6	500.000	500.000

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068389.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 19:49
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

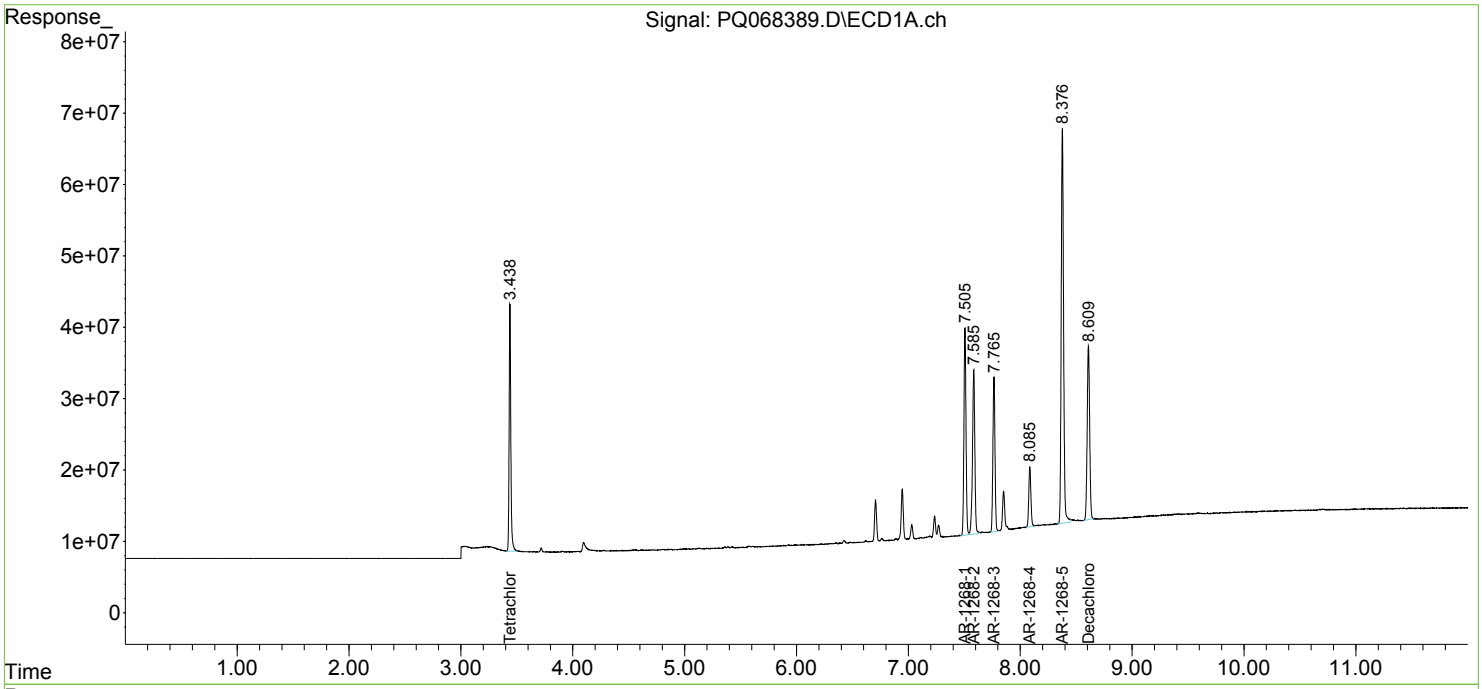
Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500

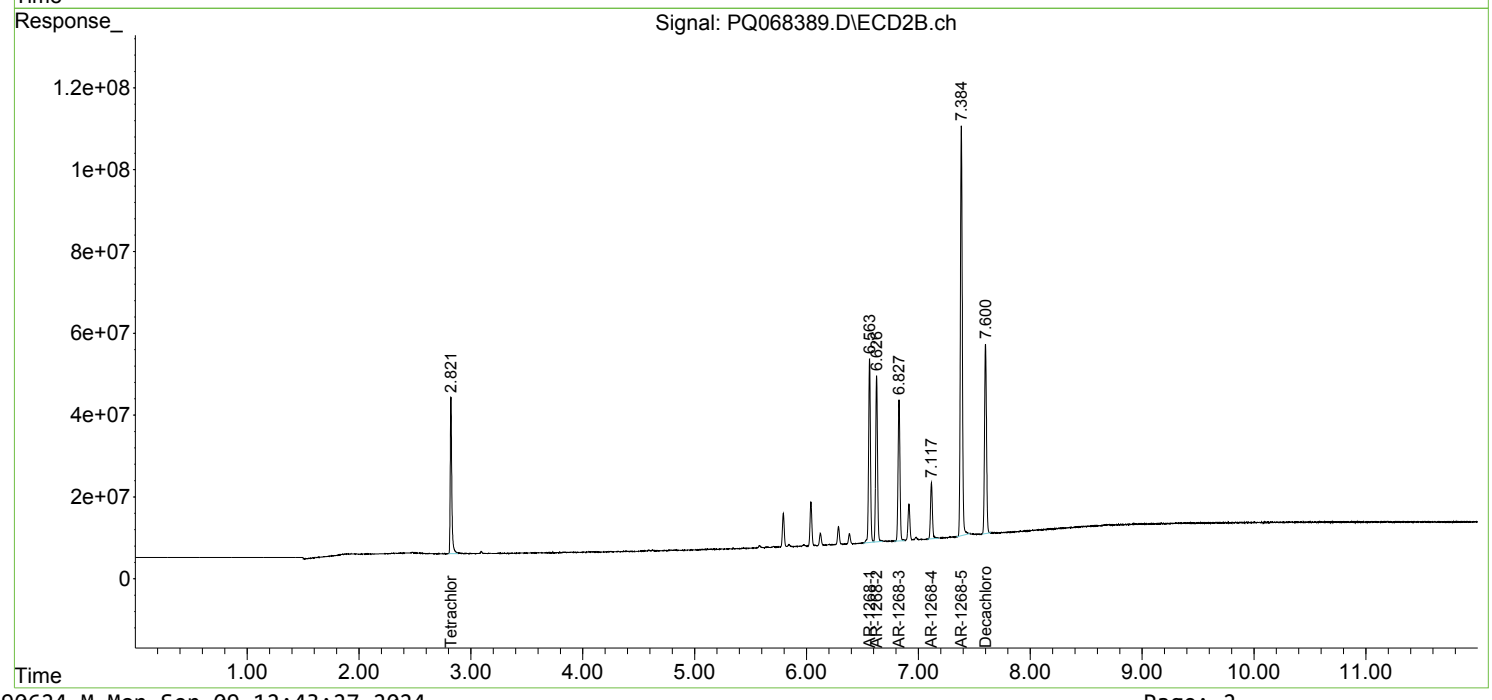
Manual Integrations APPROVED

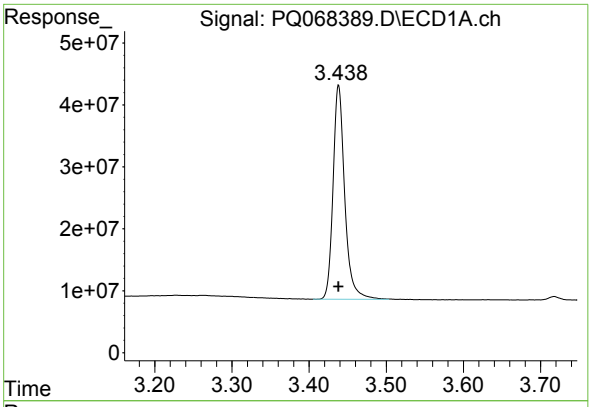
Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 06:18:02 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 06:17:29 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







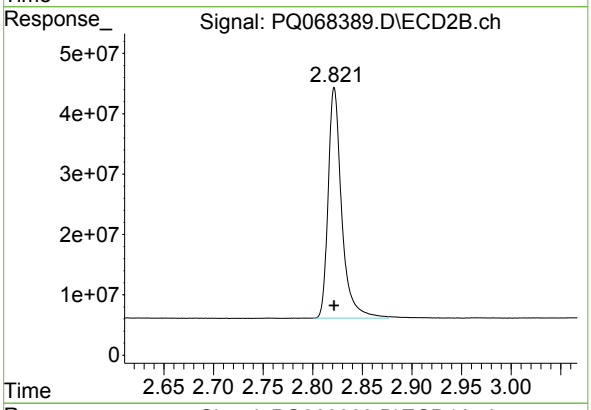
#1 Tetrachloro-m-xylene

R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 363872273
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500

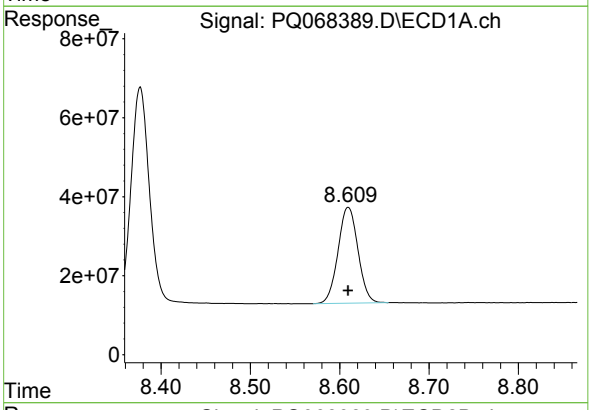
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



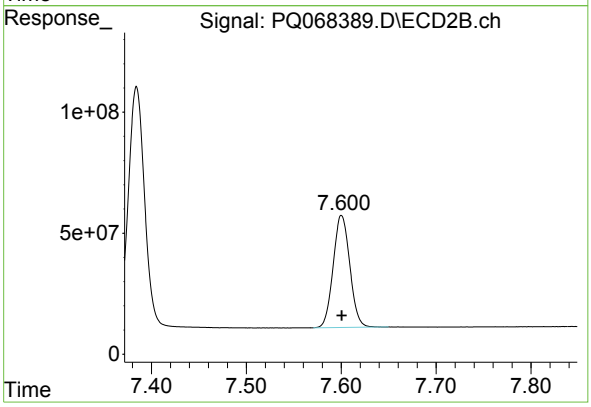
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 362719459
Conc: 50.00 ng/ml



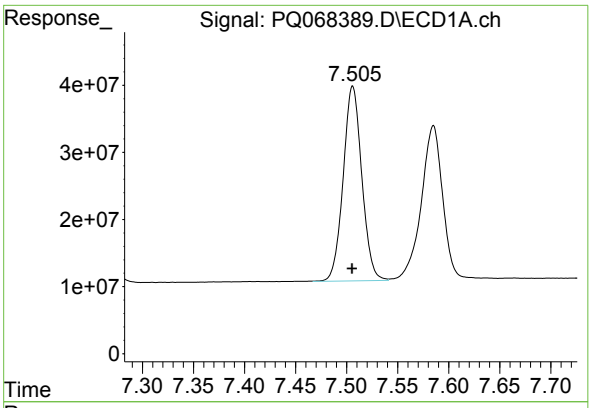
#2 Decachlorobiphenyl

R.T.: 8.610 min
Delta R.T.: 0.000 min
Response: 376022030
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 564475924
Conc: 50.00 ng/ml



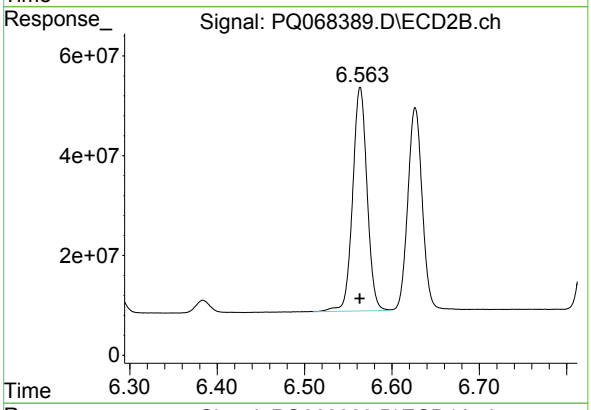
#41 AR-1268-1

R.T.: 7.505 min
Delta R.T.: 0.000 min
Response: 368198901
Conc: 501.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500

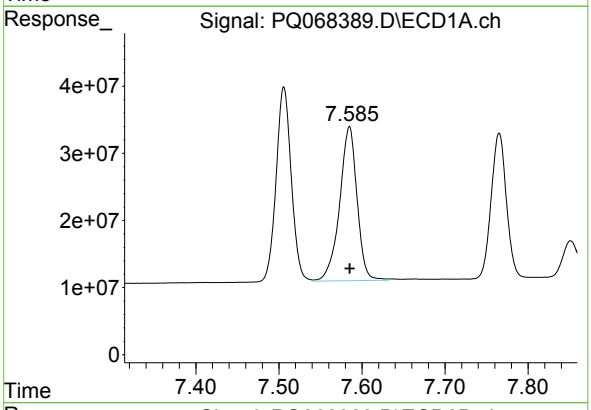
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



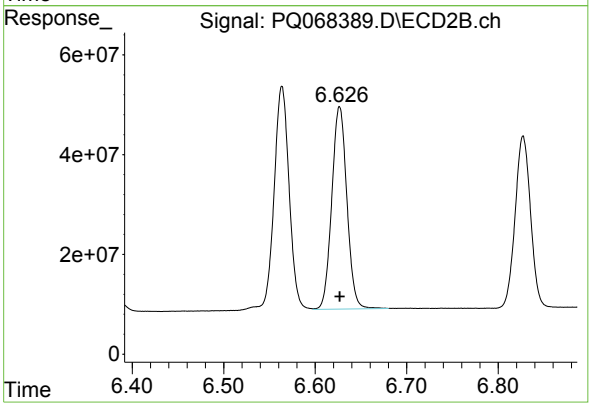
#41 AR-1268-1

R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 514044824
Conc: 500.59 ng/ml m



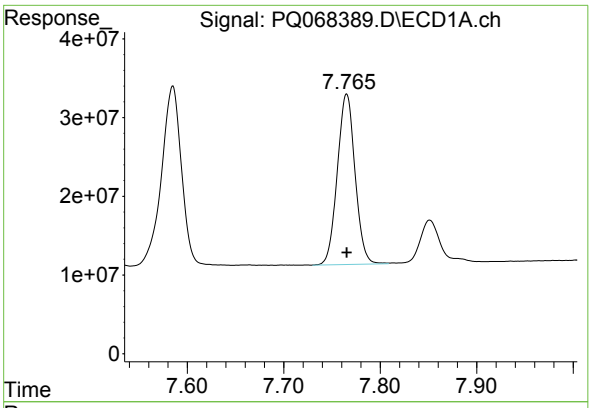
#42 AR-1268-2

R.T.: 7.585 min
Delta R.T.: 0.000 min
Response: 335879439
Conc: 500.00 ng/ml



#42 AR-1268-2

R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 465701928
Conc: 500.00 ng/ml



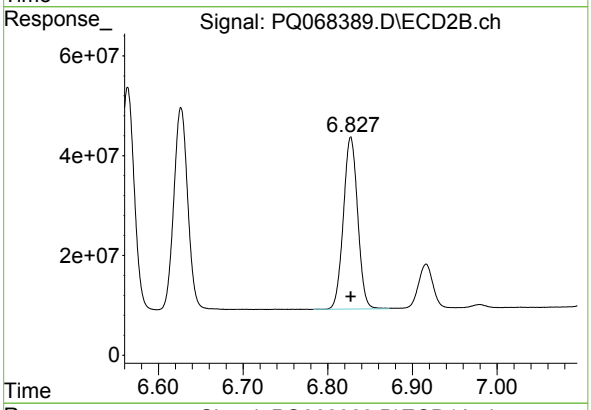
#43 AR-1268-3

R.T.: 7.765 min
Delta R.T.: 0.000 min
Response: 276878457
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500

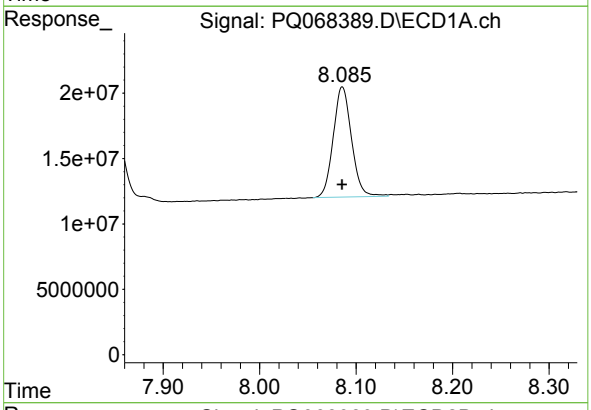
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



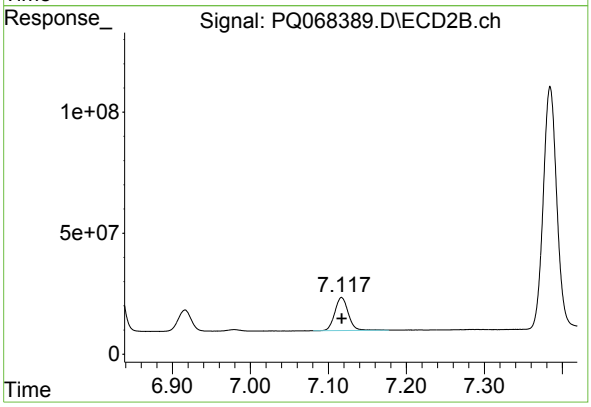
#43 AR-1268-3

R.T.: 6.827 min
Delta R.T.: 0.000 min
Response: 404946201
Conc: 500.00 ng/ml



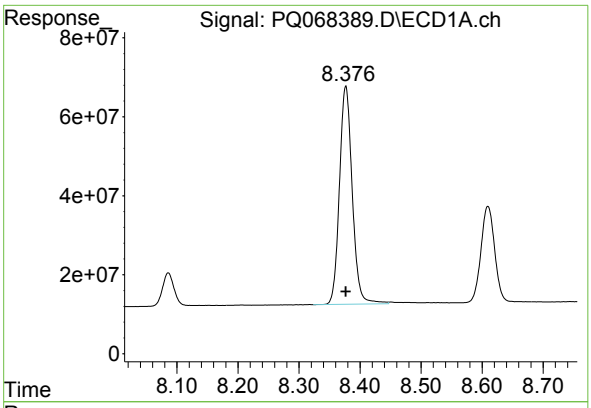
#44 AR-1268-4

R.T.: 8.086 min
Delta R.T.: 0.000 min
Response: 111095593
Conc: 500.00 ng/ml



#44 AR-1268-4

R.T.: 7.117 min
Delta R.T.: 0.000 min
Response: 165608451
Conc: 500.00 ng/ml



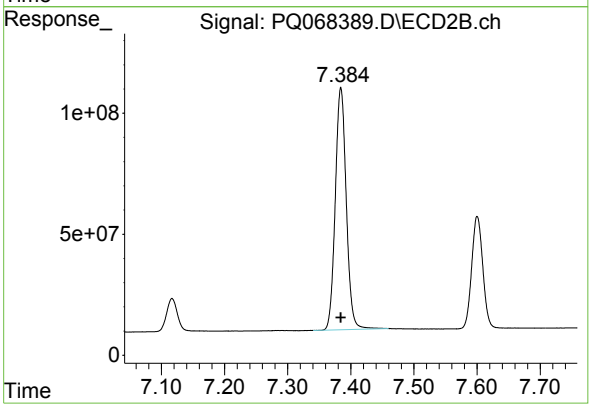
#45 AR-1268-5

R.T.: 8.377 min
Delta R.T.: 0.000 min
Response: 803381334
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



#45 AR-1268-5

R.T.: 7.384 min
Delta R.T.: 0.000 min
Response: 1206417573
Conc: 500.00 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068390.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 20:04
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 06:42:12 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 06:12:46 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	187.8E6	183.7E6	25.722	25.223
2)	SA Decachlor...	8.609	7.601	192.9E6	290.2E6	25.572	25.655
	Target Compounds						
41)	L9 AR-1268-1	7.505	6.564	188.9E6	262.6E6	256.554m	254.934m
42)	L9 AR-1268-2	7.585	6.627	172.5E6	235.8E6	256.027	253.041
43)	L9 AR-1268-3	7.765	6.827	141.7E6	205.2E6	255.364	253.633
44)	L9 AR-1268-4	8.086	7.117	55739521	82880713	252.027	251.271
45)	L9 AR-1268-5	8.377	7.385	410.8E6	609.8E6	253.865	252.776

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068390.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 20:04
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

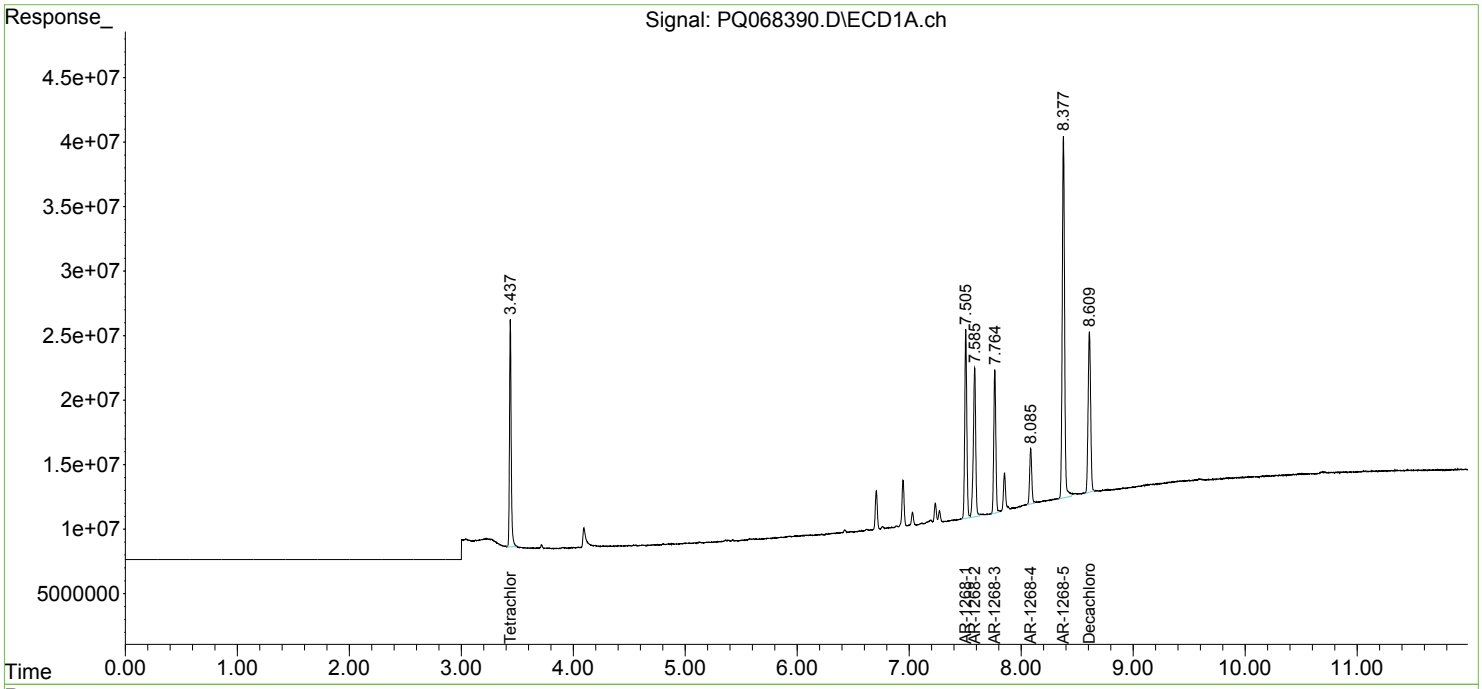
Instrument :
ECD_Q
ClientSampleId :
AR1268ICC250

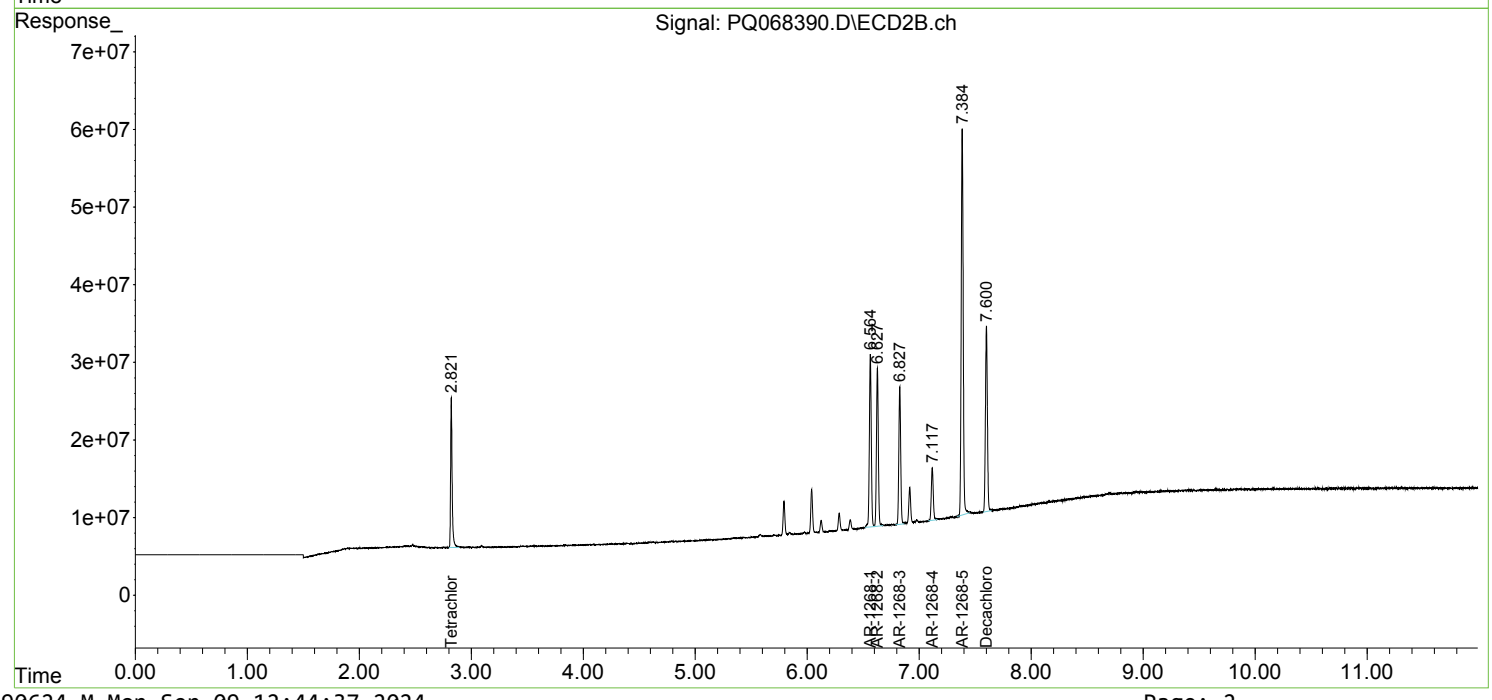
Manual Integrations APPROVED

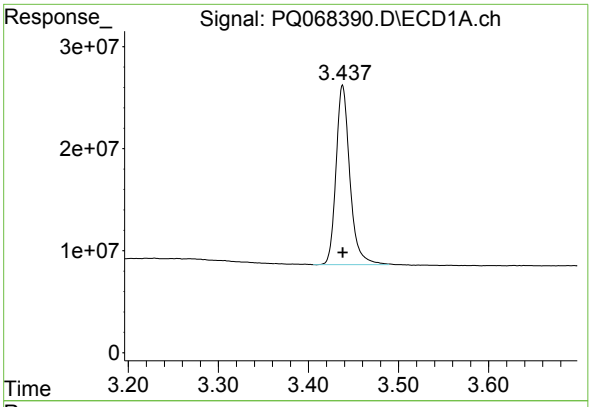
Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 06:42:12 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 06:12:46 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







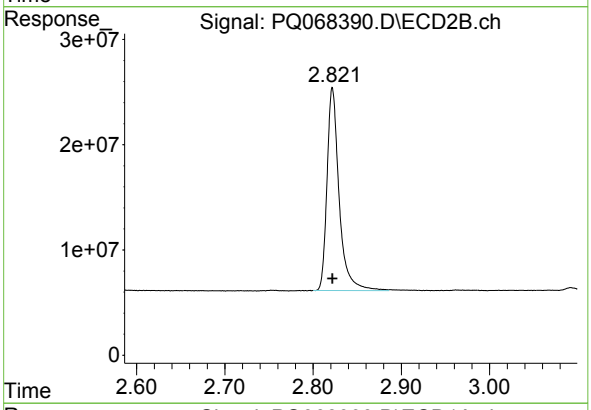
#1 Tetrachloro-m-xylene

R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 187752367
Conc: 25.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC250

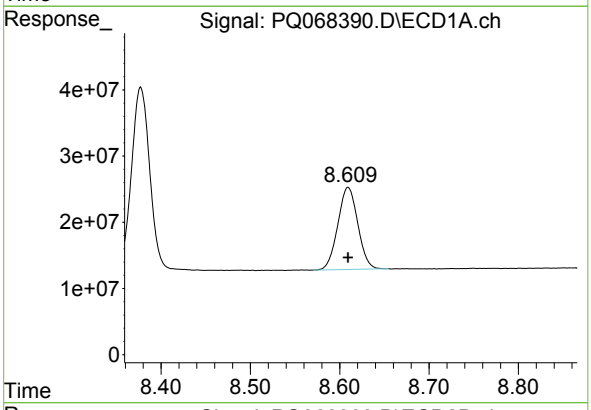
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



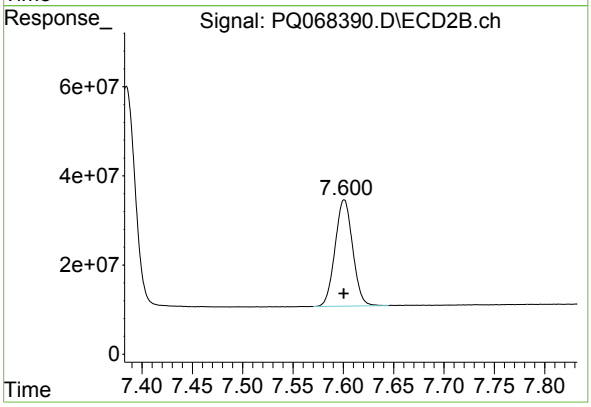
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 183660717
Conc: 25.22 ng/ml



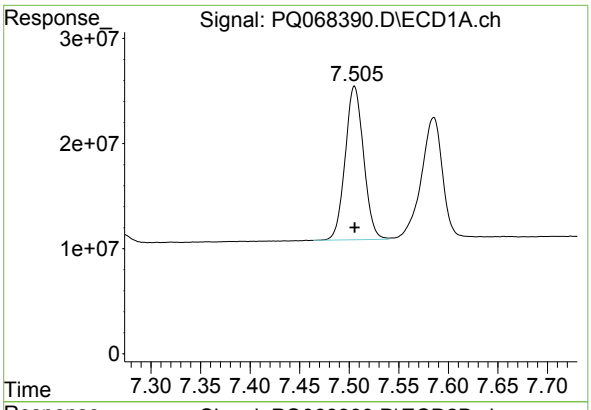
#2 Decachlorobiphenyl

R.T.: 8.609 min
Delta R.T.: 0.000 min
Response: 192915001
Conc: 25.57 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 290219094
Conc: 25.66 ng/ml



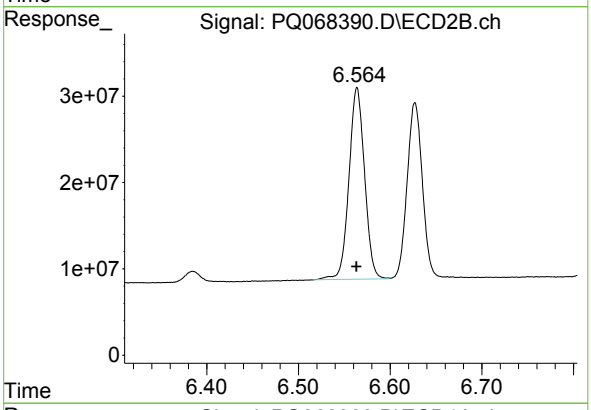
#41 AR-1268-1

R.T.: 7.505 min
Delta R.T.: 0.000 min
Response: 188889222
Conc: 256.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC250

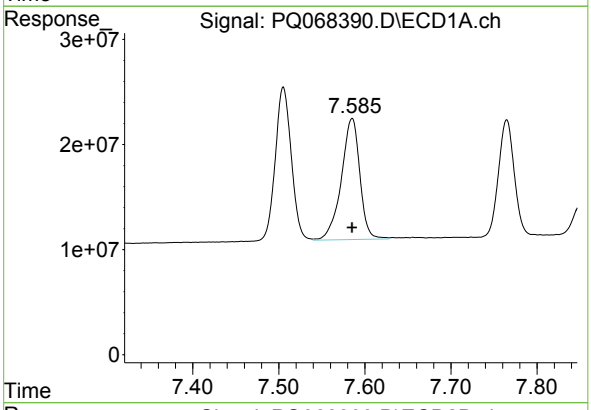
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



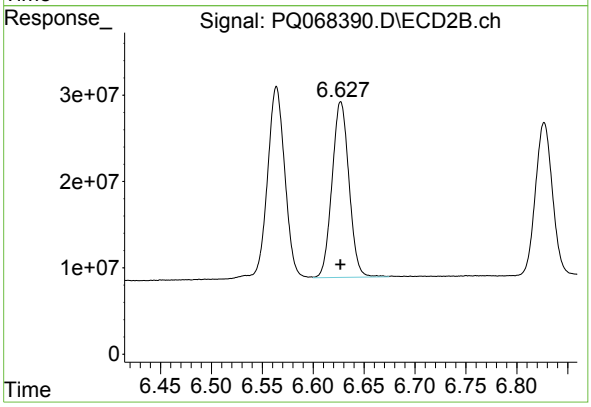
#41 AR-1268-1

R.T.: 6.564 min
Delta R.T.: 0.000 min
Response: 262636978
Conc: 254.93 ng/ml m



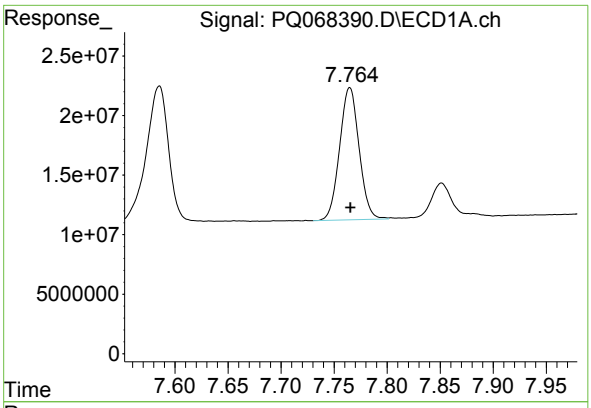
#42 AR-1268-2

R.T.: 7.585 min
Delta R.T.: 0.000 min
Response: 172491570
Conc: 256.03 ng/ml



#42 AR-1268-2

R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 235808018
Conc: 253.04 ng/ml



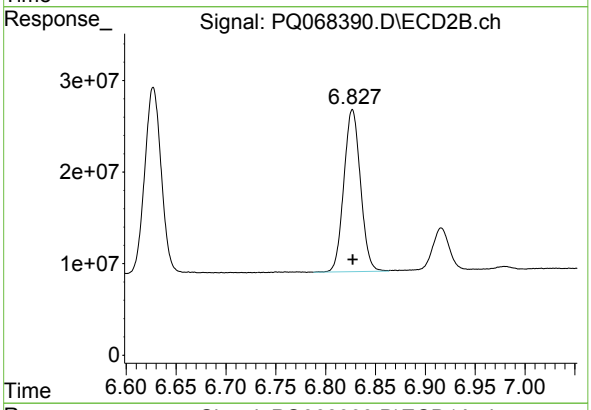
#43 AR-1268-3

R.T.: 7.765 min
Delta R.T.: 0.000 min
Response: 141684739
Conc: 255.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC250

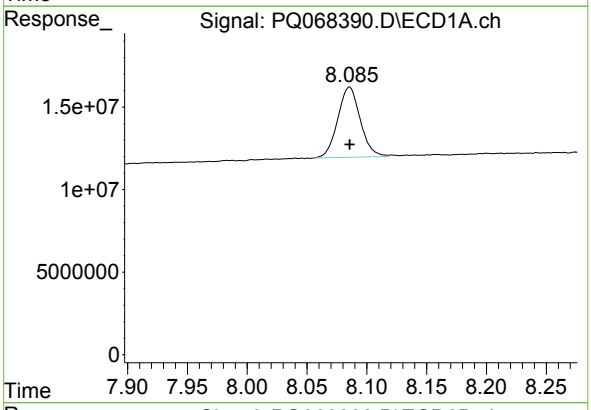
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



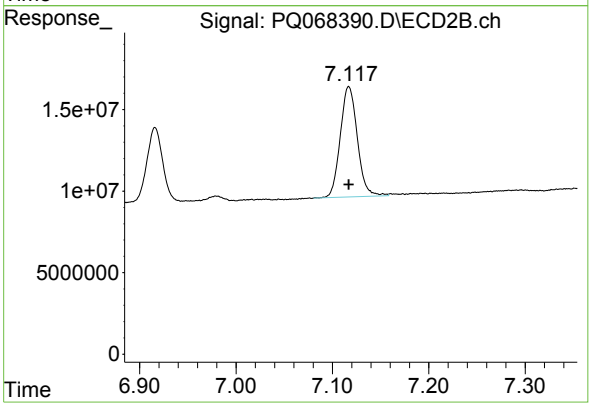
#43 AR-1268-3

R.T.: 6.827 min
Delta R.T.: 0.000 min
Response: 205155947
Conc: 253.63 ng/ml



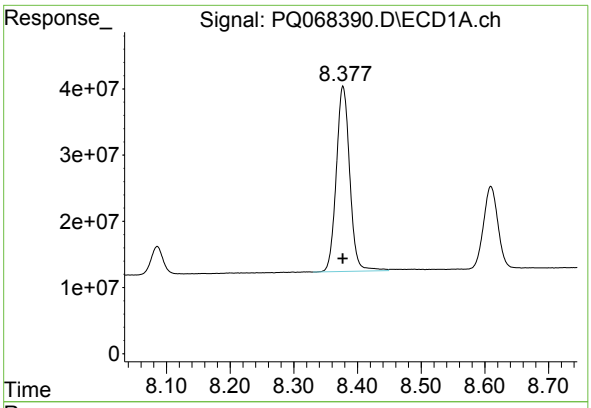
#44 AR-1268-4

R.T.: 8.086 min
Delta R.T.: 0.000 min
Response: 55739521
Conc: 252.03 ng/ml



#44 AR-1268-4

R.T.: 7.117 min
Delta R.T.: 0.000 min
Response: 82880713
Conc: 251.27 ng/ml



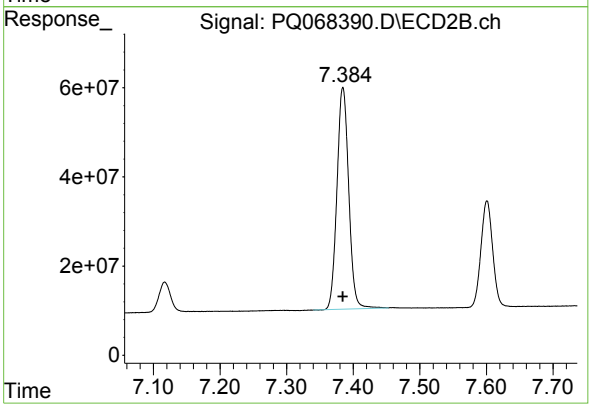
#45 AR-1268-5

R.T.: 8.377 min
Delta R.T.: 0.000 min
Response: 410763934
Conc: 253.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



#45 AR-1268-5

R.T.: 7.385 min
Delta R.T.: 0.000 min
Response: 609795517
Conc: 252.78 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068391.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 20:18
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 06:46:32 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 06:12:46 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	35296055	32466004	4.876	4.583
2)	SA Decachlor...	8.610	7.601	35235629	52948087	4.749	4.757
	Target Compounds						
41)	L9 AR-1268-1	7.506	6.563	34453177	49927377	47.557	48.854m
42)	L9 AR-1268-2	7.585	6.627	31436690	41273186	47.453	45.591
43)	L9 AR-1268-3	7.764	6.827	25446924	37703921	46.833	47.416
44)	L9 AR-1268-4	8.084	7.116	9912256	13586044	46.010	43.087
45)	L9 AR-1268-5	8.378	7.384	73466638	110.4E6	46.473	46.743

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068391.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 20:18
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

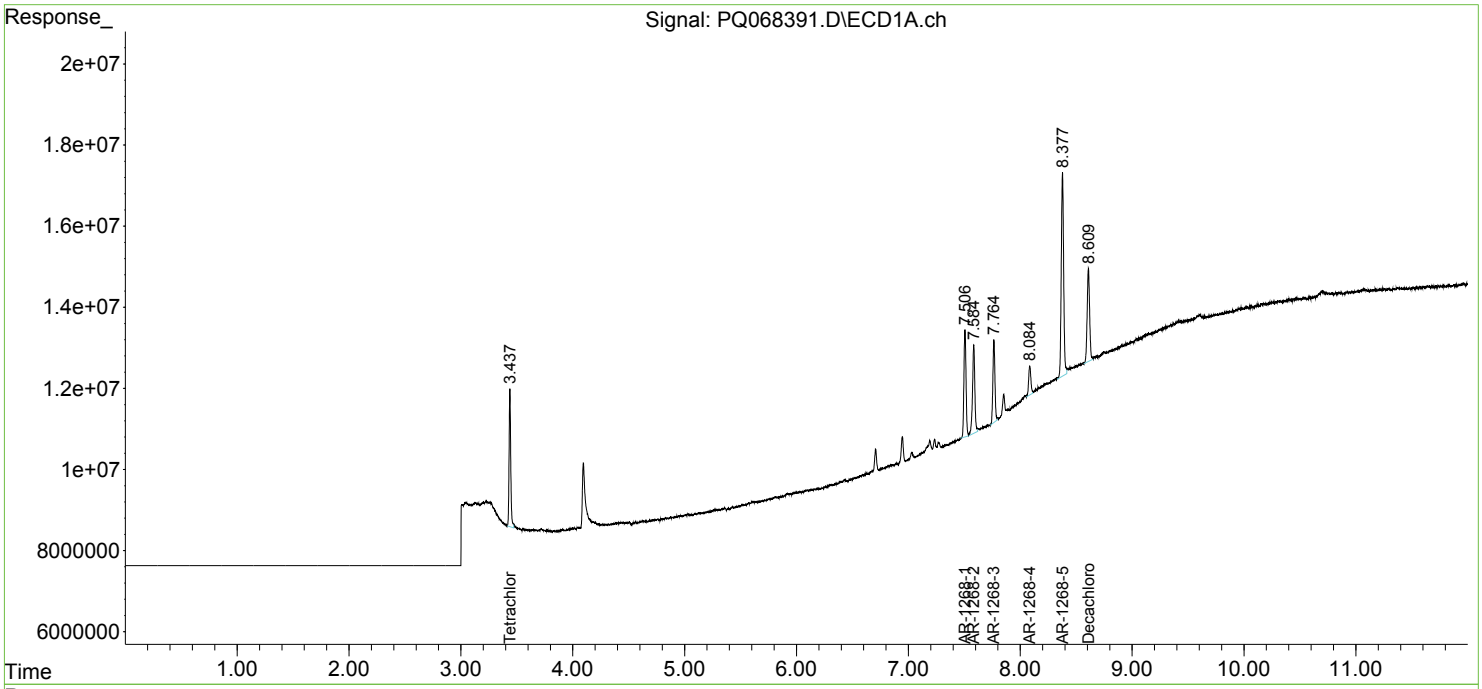
Instrument :
ECD_Q
ClientSampleId :
AR1268ICC050

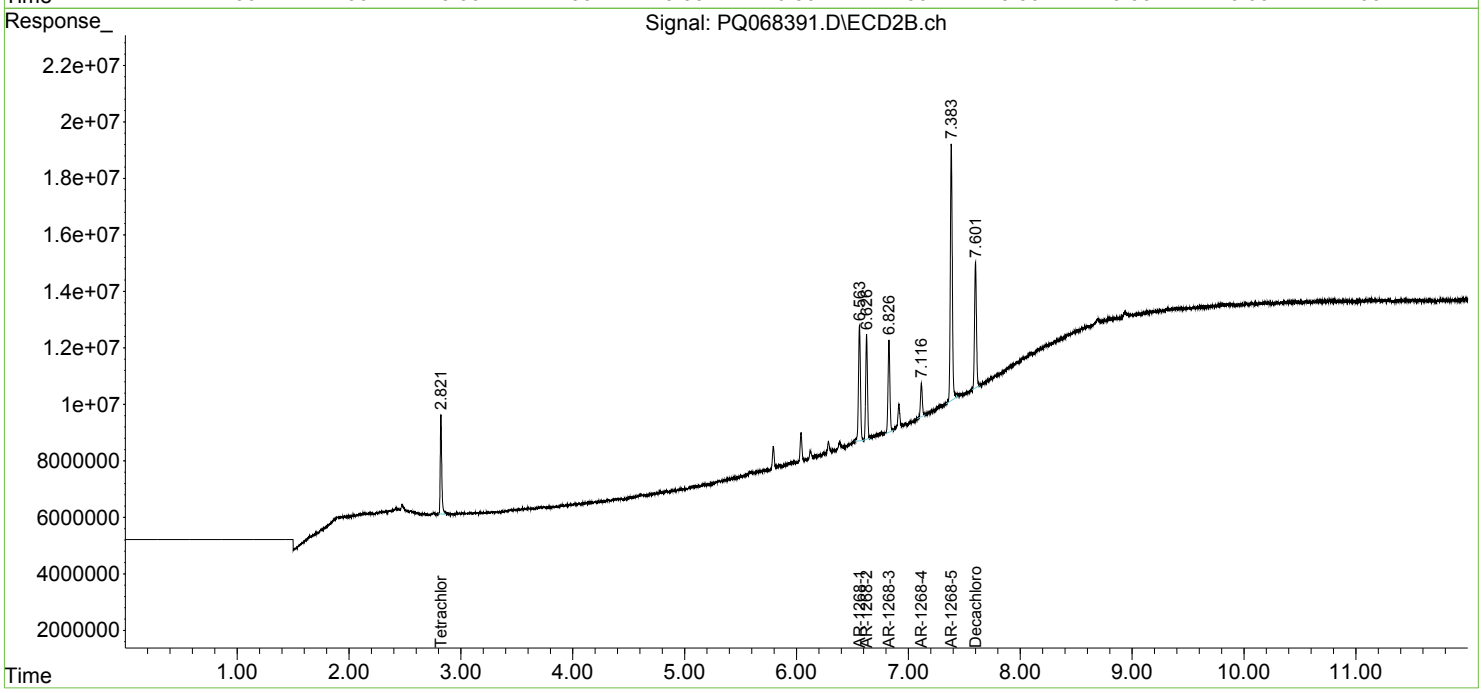
Manual Integrations APPROVED

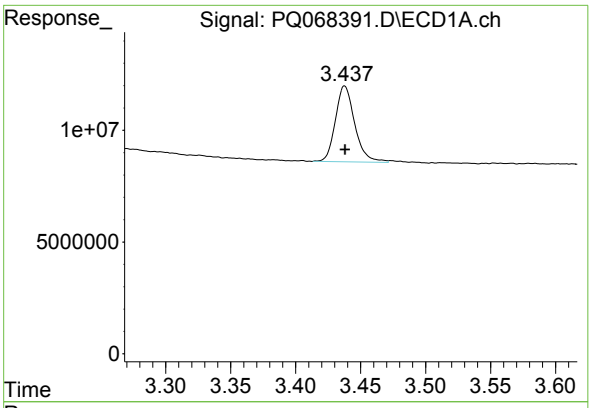
Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 06:46:32 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 06:12:46 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







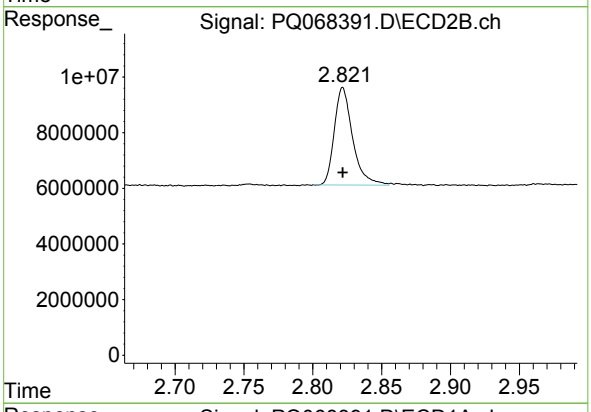
#1 Tetrachloro-m-xylene

R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 35296055
Conc: 4.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC050

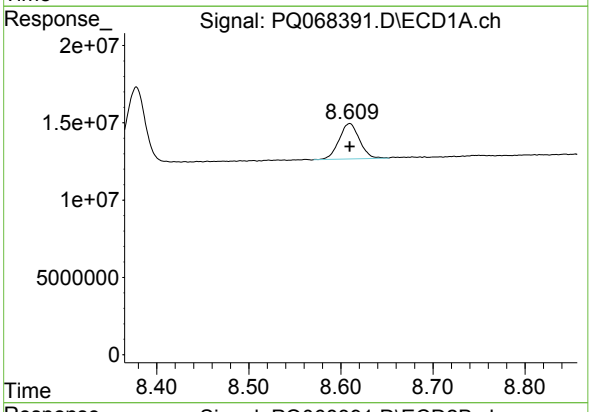
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



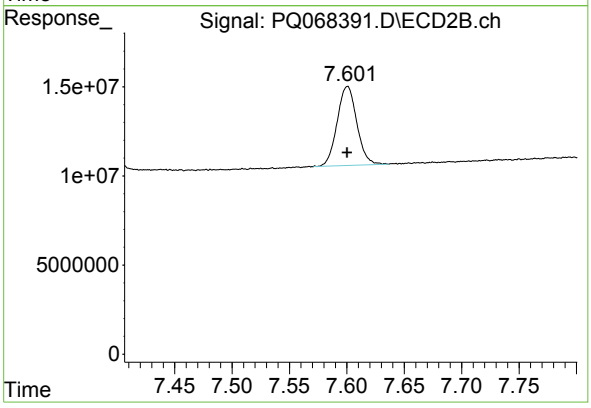
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 32466004
Conc: 4.58 ng/ml



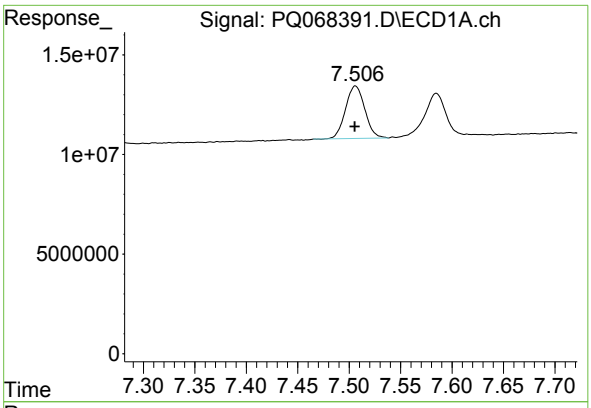
#2 Decachlorobiphenyl

R.T.: 8.610 min
Delta R.T.: 0.000 min
Response: 35235629
Conc: 4.75 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 52948087
Conc: 4.76 ng/ml



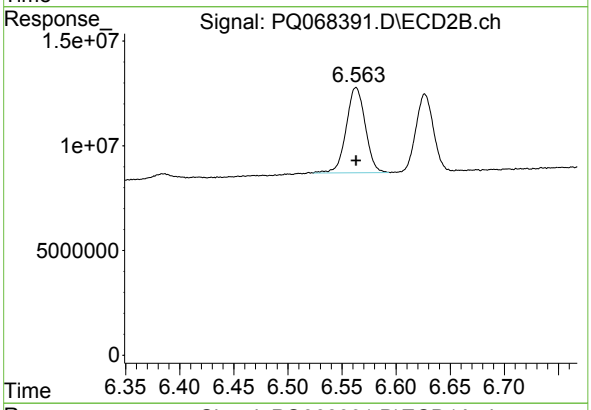
#41 AR-1268-1

R.T.: 7.506 min
Delta R.T.: 0.000 min
Response: 34453177
Conc: 47.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC050

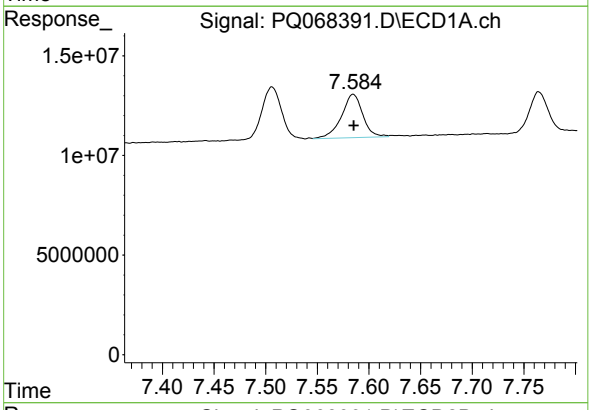
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



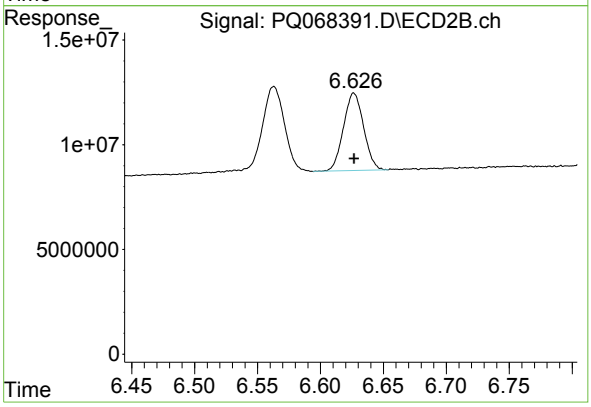
#41 AR-1268-1

R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 49927377
Conc: 48.85 ng/ml m



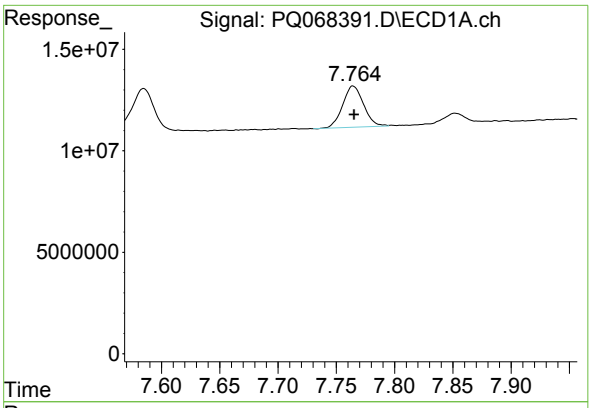
#42 AR-1268-2

R.T.: 7.585 min
Delta R.T.: 0.000 min
Response: 31436690
Conc: 47.45 ng/ml



#42 AR-1268-2

R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 41273186
Conc: 45.59 ng/ml



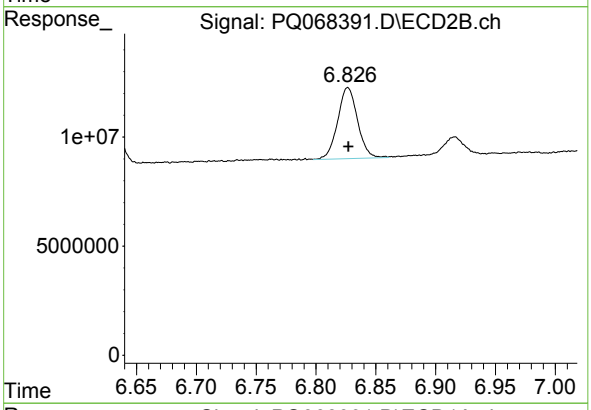
#43 AR-1268-3

R.T.: 7.764 min
Delta R.T.: -0.001 min
Response: 25446924
Conc: 46.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC050

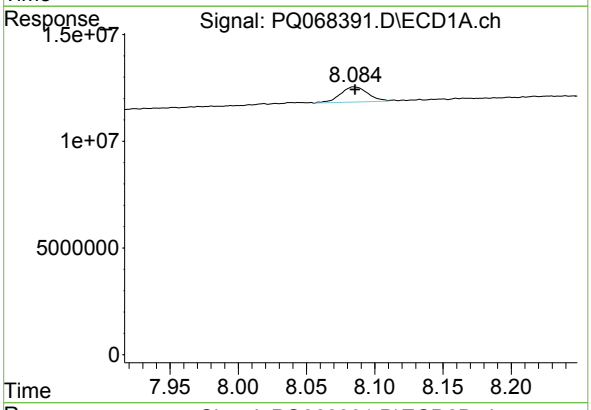
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



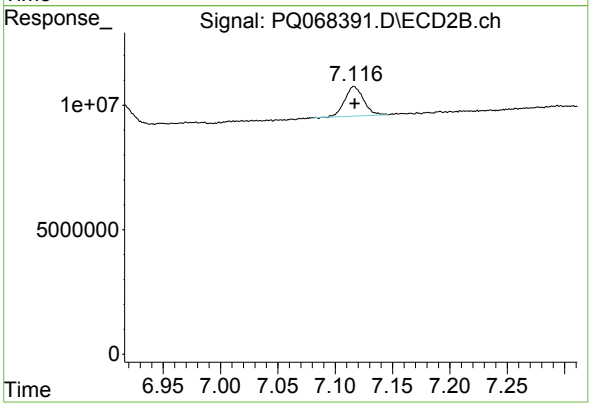
#43 AR-1268-3

R.T.: 6.827 min
Delta R.T.: 0.000 min
Response: 37703921
Conc: 47.42 ng/ml



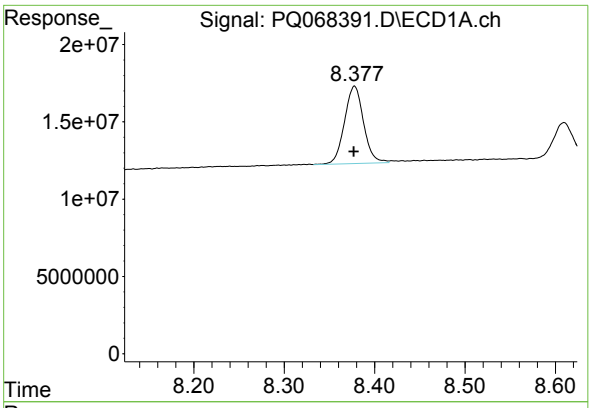
#44 AR-1268-4

R.T.: 8.084 min
Delta R.T.: -0.001 min
Response: 9912256
Conc: 46.01 ng/ml



#44 AR-1268-4

R.T.: 7.116 min
Delta R.T.: 0.000 min
Response: 13586044
Conc: 43.09 ng/ml



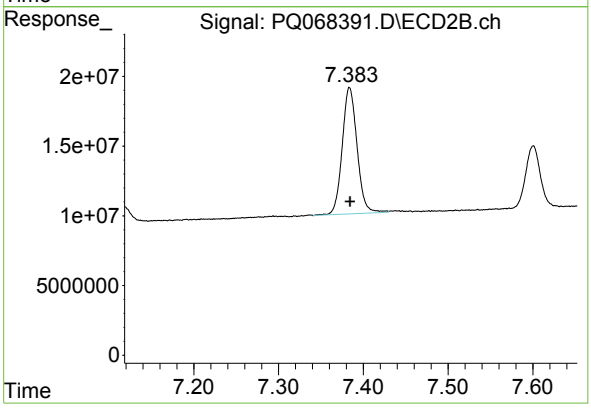
#45 AR-1268-5

R.T.: 8.378 min
Delta R.T.: 0.001 min
Response: 73466638
Conc: 46.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



#45 AR-1268-5

R.T.: 7.384 min
Delta R.T.: 0.000 min
Response: 110364761
Conc: 46.74 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068392.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 20:33
Operator : YP\AJ
Sample : PQ090624ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ICVPQ090624

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 07:04:40 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 06:12:46 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.437	2.821	383.8E6	387.6E6	53.746	54.421
2)	SA Decachlor...	8.609	7.600	231.8E6	347.6E6	53.186	52.643
	Target Compounds						
3)	L1 AR-1016-1	4.538	3.828	123.6E6	124.7E6	528.957	525.031
4)	L1 AR-1016-2	4.558	3.844	194.1E6	187.9E6	528.571	520.027
5)	L1 AR-1016-3	4.615	4.004	119.0E6	101.3E6	526.361	521.395
6)	L1 AR-1016-4	4.707	4.053	98887140	84380202	519.383	522.487
7)	L1 AR-1016-5	4.994	4.249	93720539	101.9E6	530.074	527.572
31)	L7 AR-1260-1	6.094	5.246	172.2E6	198.4E6	517.759	516.708
32)	L7 AR-1260-2	6.353	5.436	198.3E6	239.0E6	528.966	524.450
33)	L7 AR-1260-3	6.706	5.578	124.7E6	229.5E6	530.556	526.534
34)	L7 AR-1260-4	6.924	6.040	150.0E6	168.7E6	541.348	525.073
35)	L7 AR-1260-5	7.233	6.286	282.7E6	383.0E6	528.942	525.571

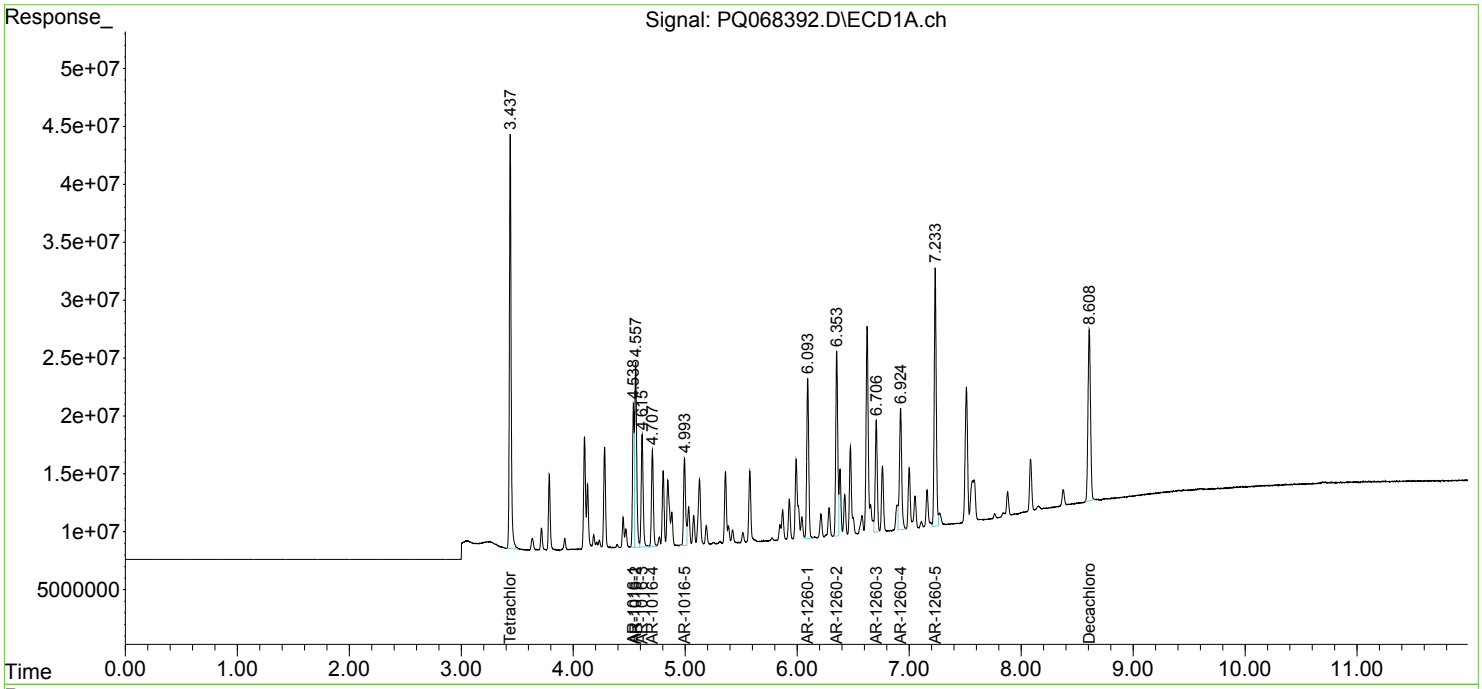
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

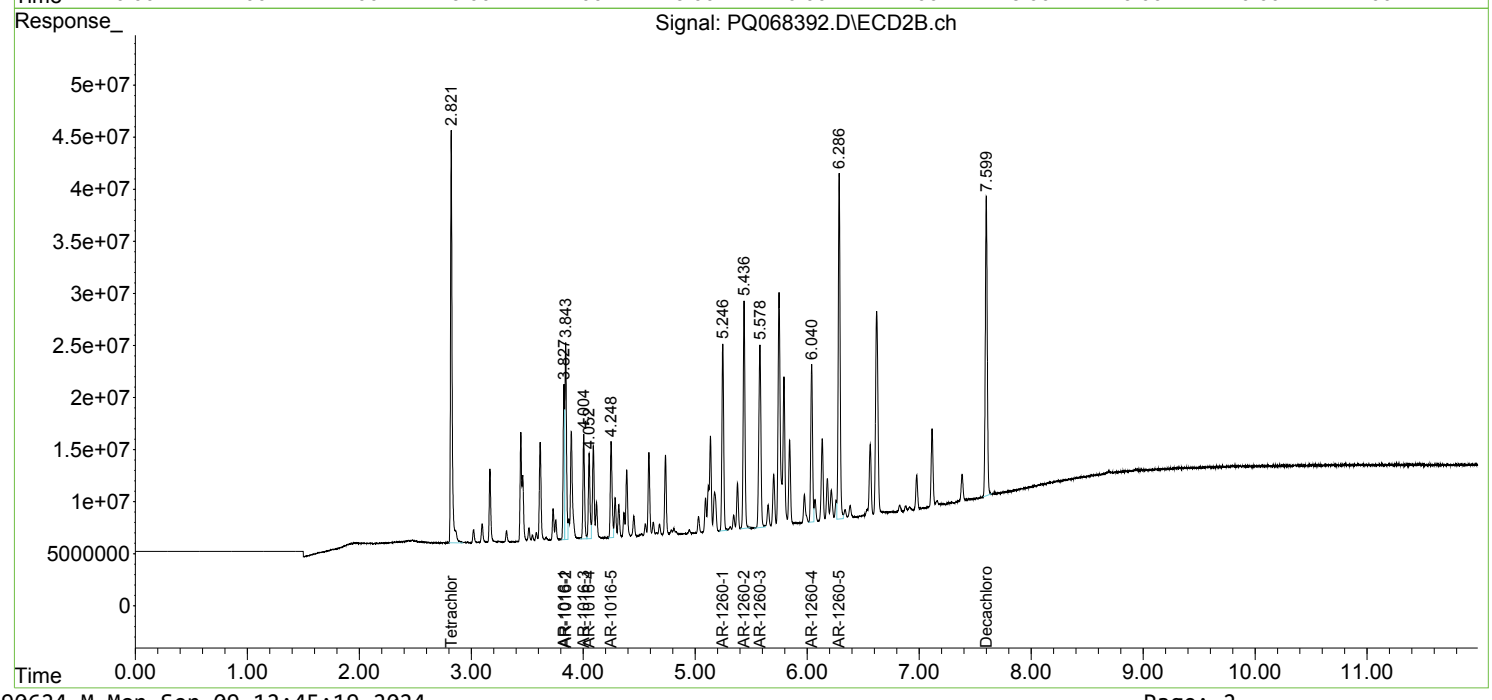
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068392.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 20:33
Operator : YP\AJ
Sample : PQ090624ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

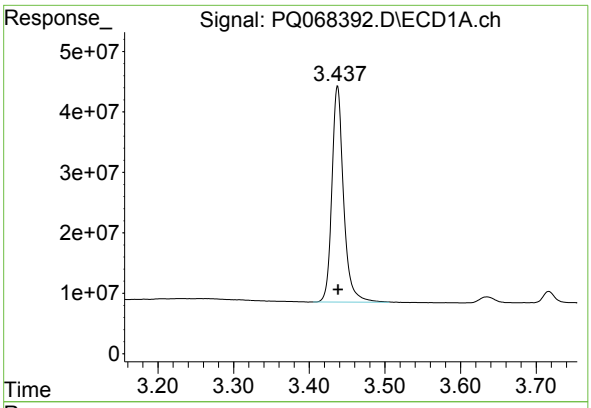
Instrument :
ECD_Q
ClientSampleId :
ICVPQ090624

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 07:04:40 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 06:12:46 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



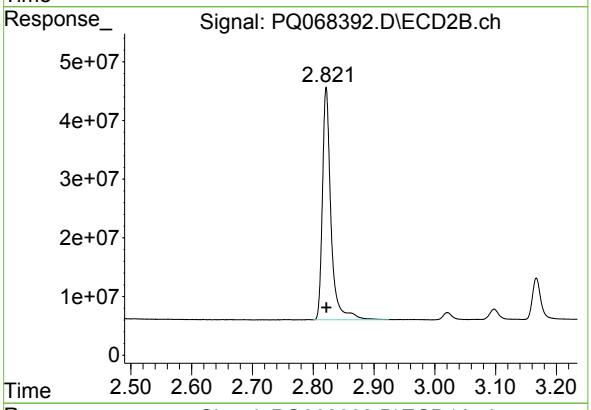




#1 Tetrachloro-m-xylene

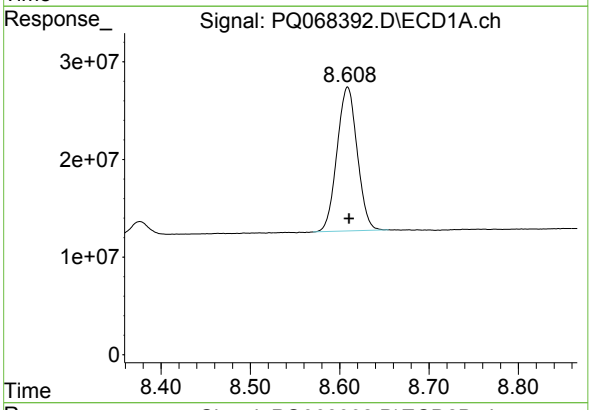
R.T.: 3.437 min
Delta R.T.: 0.000 min
Response: 383777653
Conc: 53.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ090624



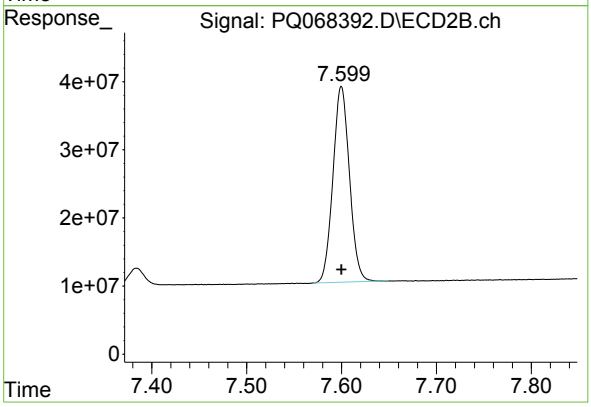
#1 Tetrachloro-m-xylene

R.T.: 2.821 min
Delta R.T.: 0.000 min
Response: 387601352
Conc: 54.42 ng/ml



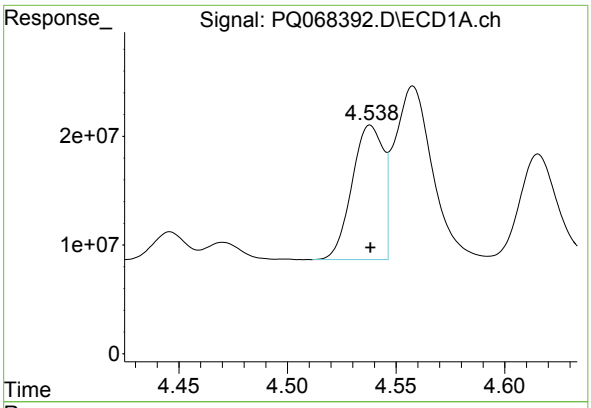
#2 Decachlorobiphenyl

R.T.: 8.609 min
Delta R.T.: -0.001 min
Response: 231798537
Conc: 53.19 ng/ml



#2 Decachlorobiphenyl

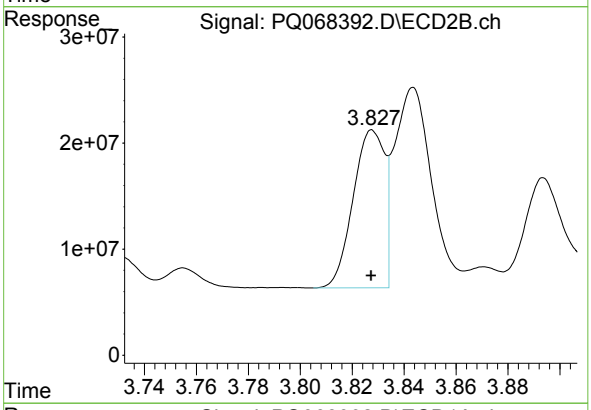
R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 347648950
Conc: 52.64 ng/ml



#3 AR-1016-1

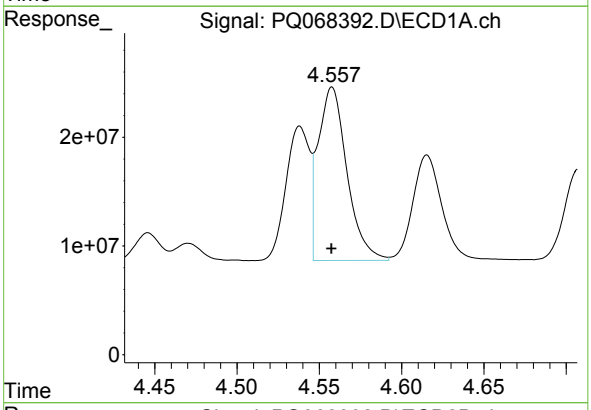
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 123598719
Conc: 528.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ090624



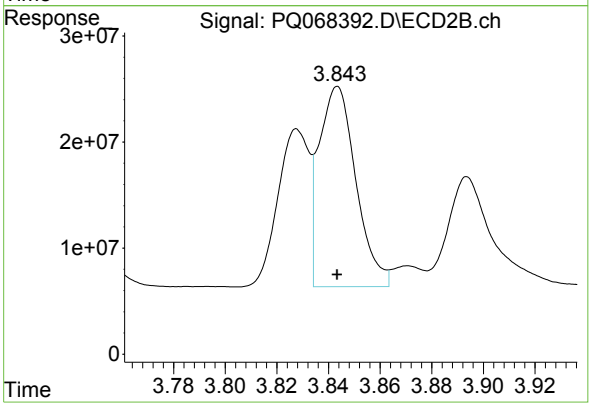
#3 AR-1016-1

R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 124678909
Conc: 525.03 ng/ml



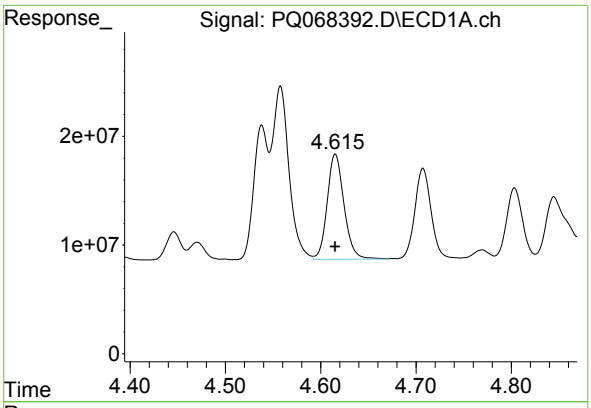
#4 AR-1016-2

R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 194068248
Conc: 528.57 ng/ml



#4 AR-1016-2

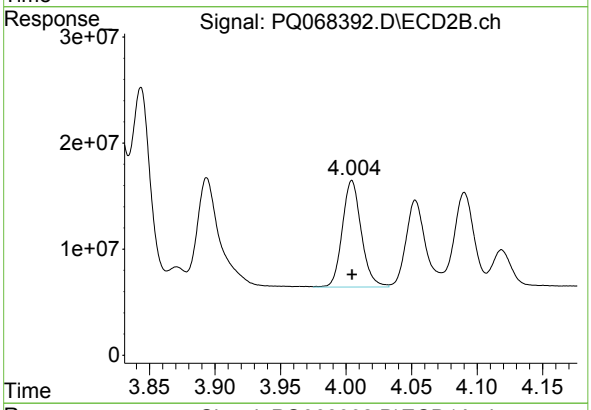
R.T.: 3.844 min
Delta R.T.: 0.000 min
Response: 187913013
Conc: 520.03 ng/ml



#5 AR-1016-3

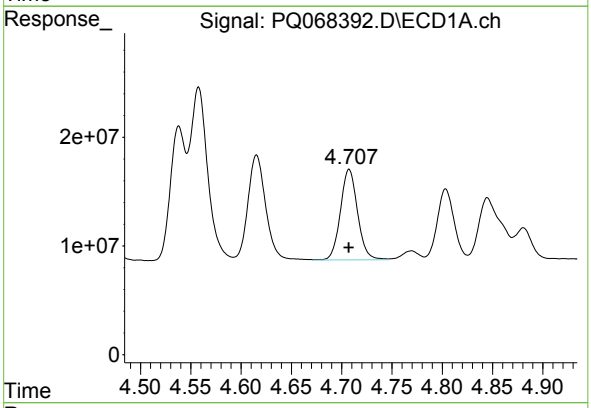
R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 118975603
Conc: 526.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ090624



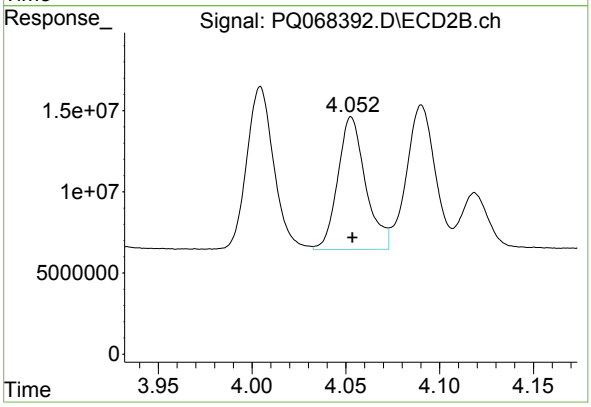
#5 AR-1016-3

R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 101271932
Conc: 521.39 ng/ml



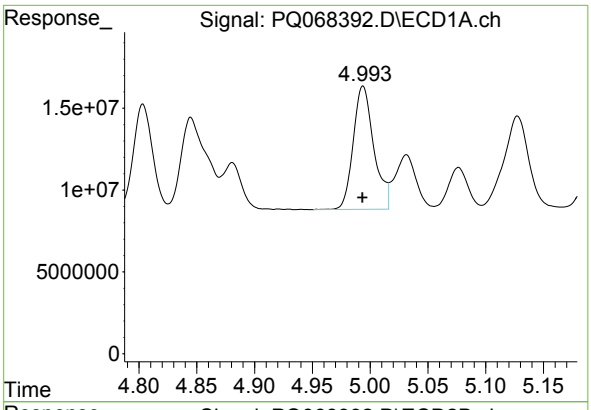
#6 AR-1016-4

R.T.: 4.707 min
Delta R.T.: 0.000 min
Response: 98887140
Conc: 519.38 ng/ml



#6 AR-1016-4

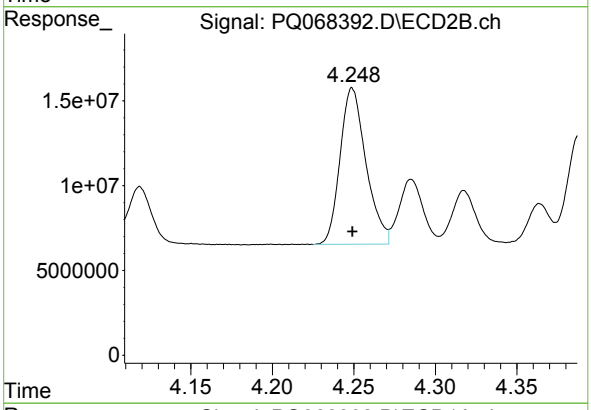
R.T.: 4.053 min
Delta R.T.: 0.000 min
Response: 84380202
Conc: 522.49 ng/ml



#7 AR-1016-5

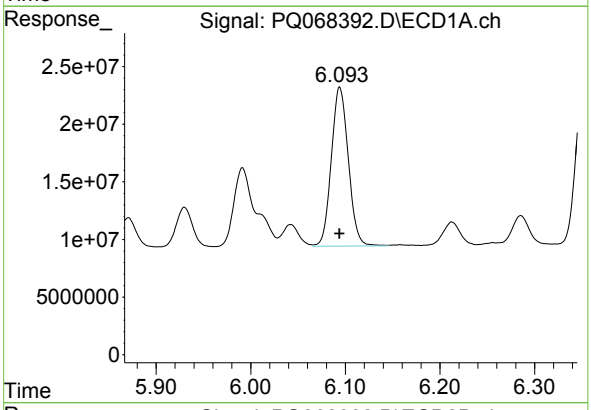
R.T.: 4.994 min
Delta R.T.: 0.000 min
Response: 93720539
Conc: 530.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ090624



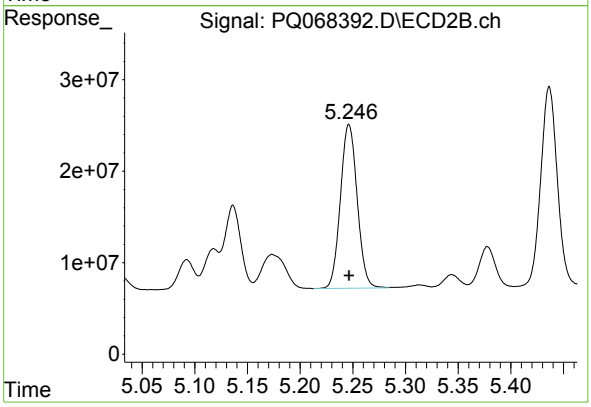
#7 AR-1016-5

R.T.: 4.249 min
Delta R.T.: 0.000 min
Response: 101900621
Conc: 527.57 ng/ml



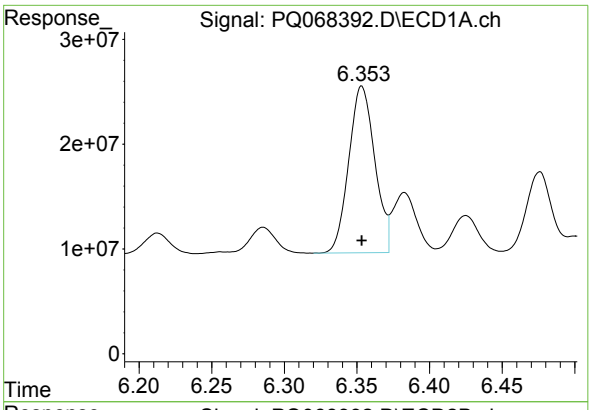
#31 AR-1260-1

R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 172181051
Conc: 517.76 ng/ml



#31 AR-1260-1

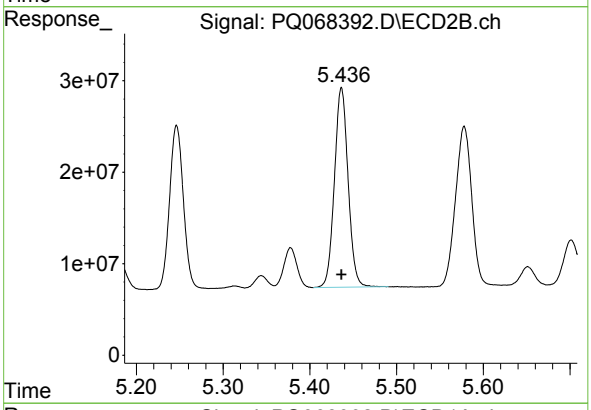
R.T.: 5.246 min
Delta R.T.: 0.000 min
Response: 198407870
Conc: 516.71 ng/ml



#32 AR-1260-2

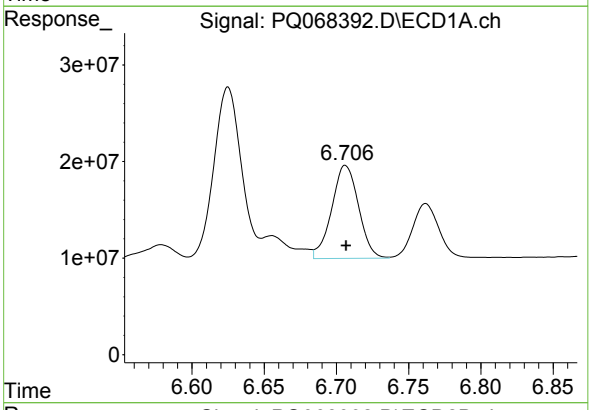
R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 198270700
Conc: 528.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ090624



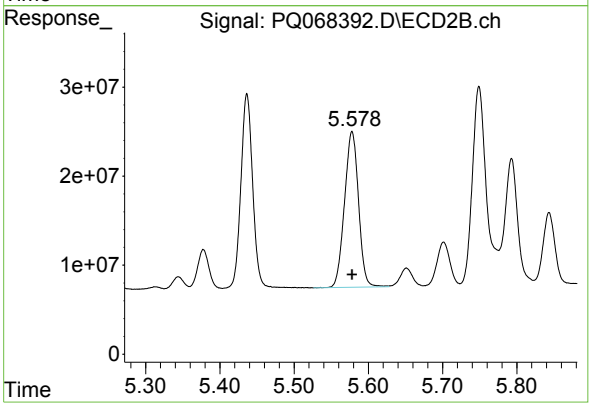
#32 AR-1260-2

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 239043200
Conc: 524.45 ng/ml



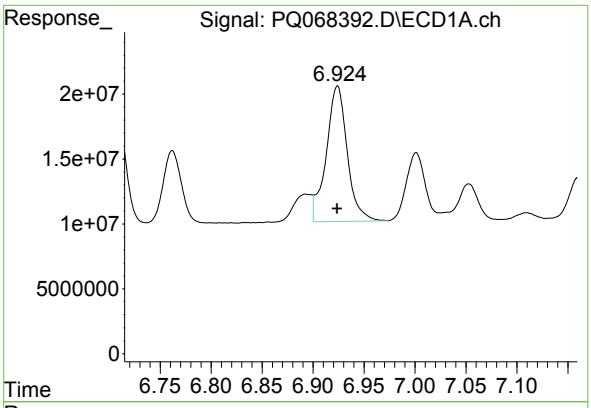
#33 AR-1260-3

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 124686419
Conc: 530.56 ng/ml



#33 AR-1260-3

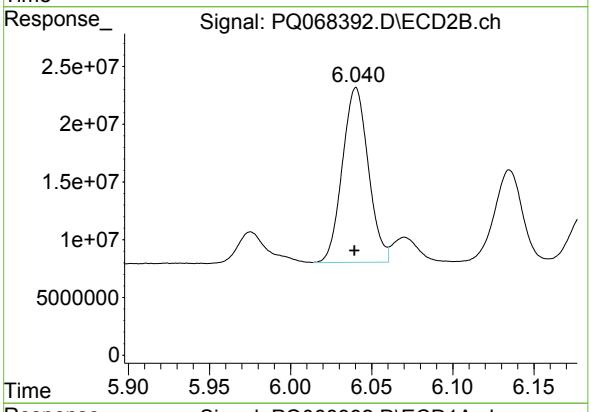
R.T.: 5.578 min
Delta R.T.: 0.000 min
Response: 229471310
Conc: 526.53 ng/ml



#34 AR-1260-4

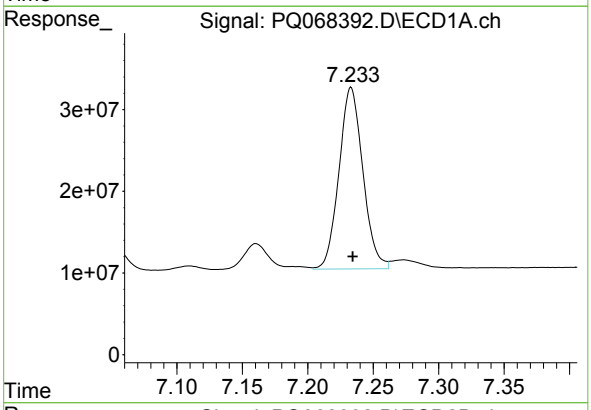
R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 150011244
Conc: 541.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ090624



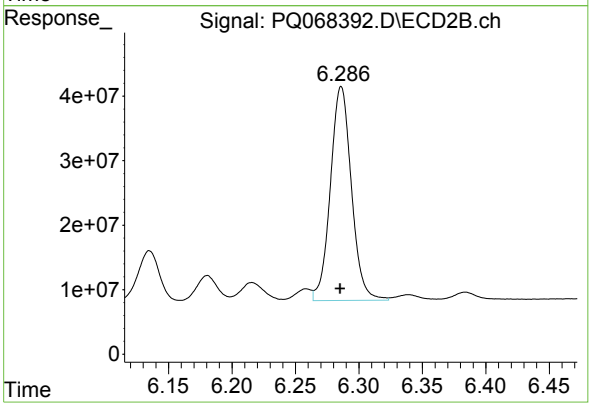
#34 AR-1260-4

R.T.: 6.040 min
Delta R.T.: 0.000 min
Response: 168703389
Conc: 525.07 ng/ml



#35 AR-1260-5

R.T.: 7.233 min
Delta R.T.: -0.001 min
Response: 282697636
Conc: 528.94 ng/ml



#35 AR-1260-5

R.T.: 6.286 min
Delta R.T.: 0.000 min
Response: 382999310
Conc: 525.57 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068393.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 20:47
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ICVPQ090624AR1242

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 07:05:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 06:12:46 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.821	375.6E6	371.1E6	52.604	52.105m
2)	SA Decachlor...	8.609	7.600	224.0E6	338.4E6	51.402	51.246
	Target Compounds						
16)	L4 AR-1242-1	4.538	3.827	95763088	93493817	530.027	511.840
17)	L4 AR-1242-2	4.557	3.844	145.0E6	141.9E6	521.058	524.815
18)	L4 AR-1242-3	4.615	4.005	90047350	76655042	523.796	520.871
19)	L4 AR-1242-4	4.708	4.091	74318586	72460946	523.743	519.422
20)	L4 AR-1242-5	5.422	4.588	75779708	97277043	525.808	517.710

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068393.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 20:47
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

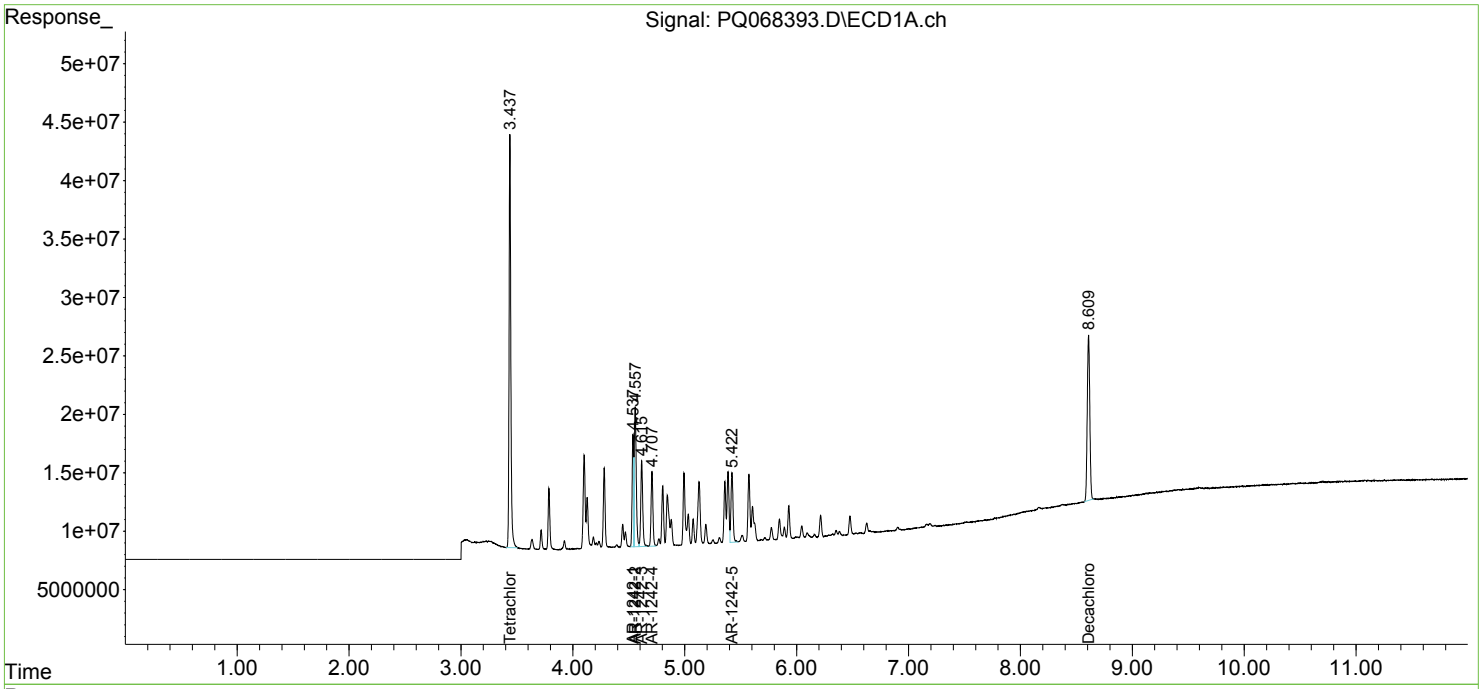
Instrument :
ECD_Q
ClientSampleId :
ICVPQ090624AR1242

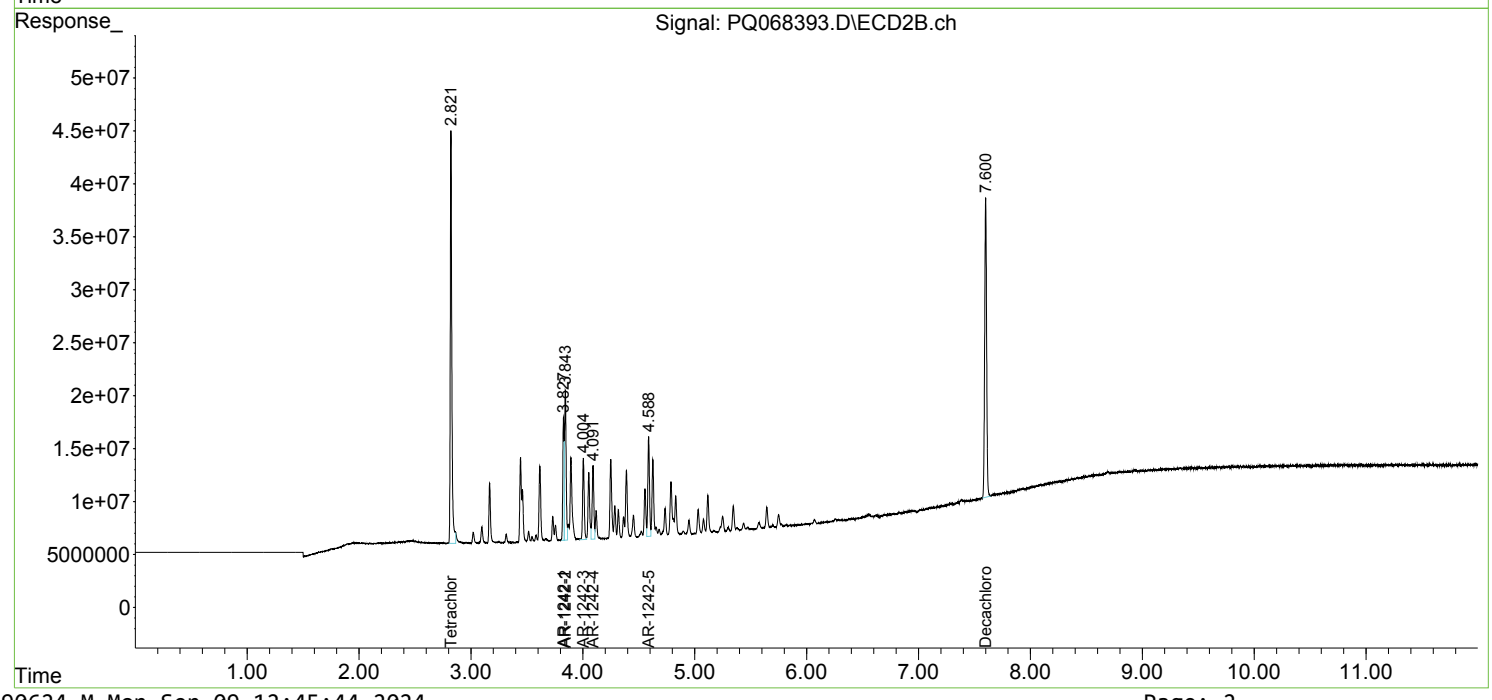
Manual Integrations APPROVED

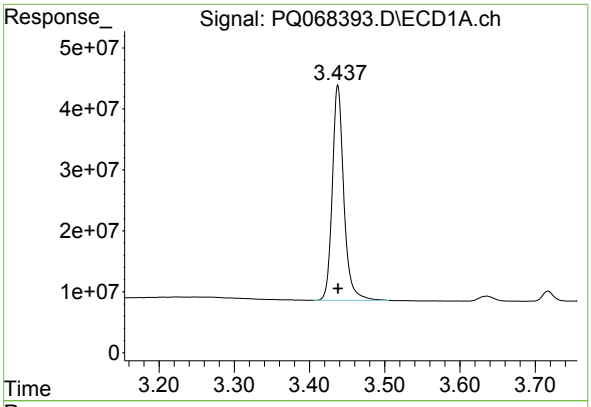
Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 07:05:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 06:12:46 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







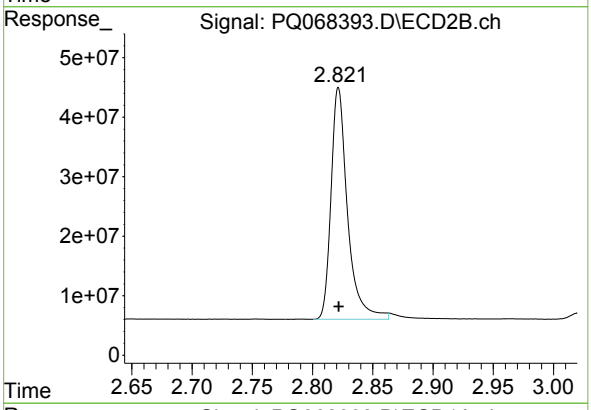
#1 Tetrachloro-m-xylene

R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 375627088
Conc: 52.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ090624AR1242

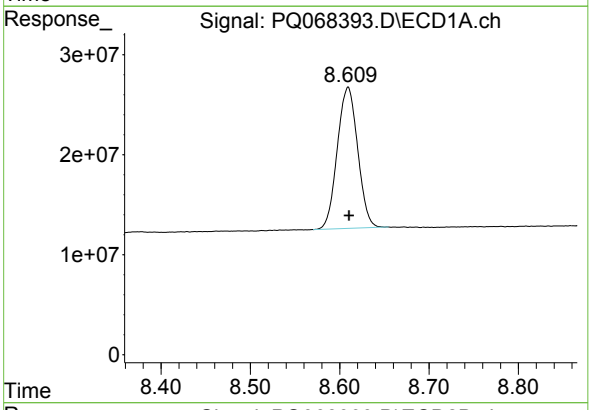
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



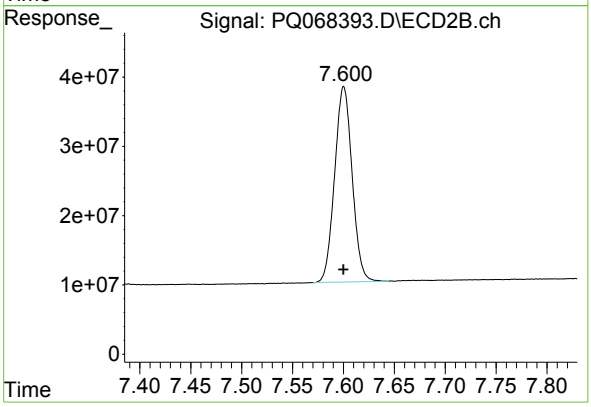
#1 Tetrachloro-m-xylene

R.T.: 2.821 min
Delta R.T.: 0.000 min
Response: 371110024
Conc: 52.11 ng/ml m



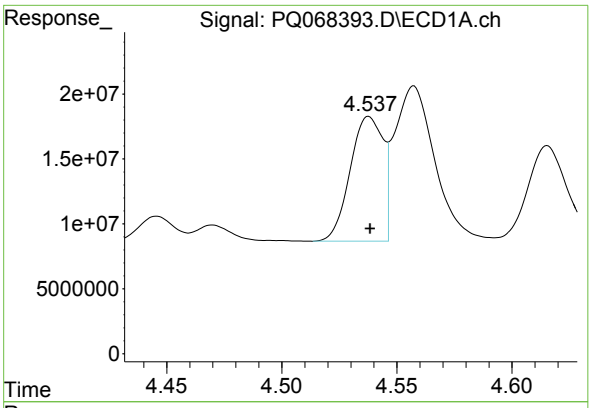
#2 Decachlorobiphenyl

R.T.: 8.609 min
Delta R.T.: 0.000 min
Response: 224025354
Conc: 51.40 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 338417812
Conc: 51.25 ng/ml



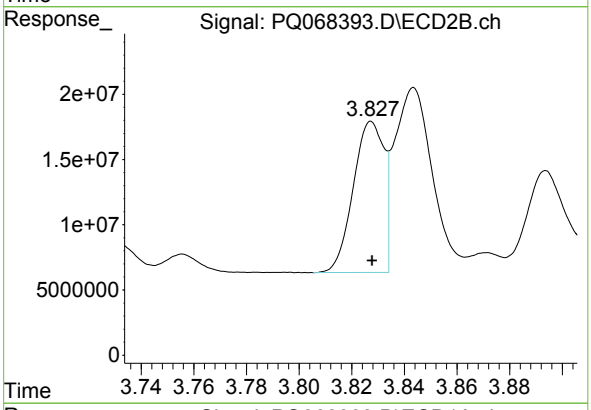
#16 AR-1242-1

R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 95763088
Conc: 530.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ090624AR1242

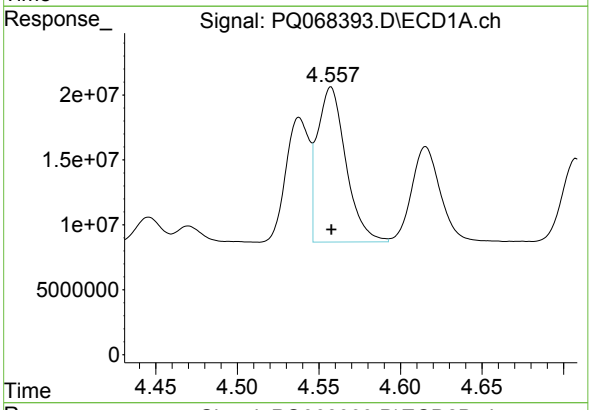
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



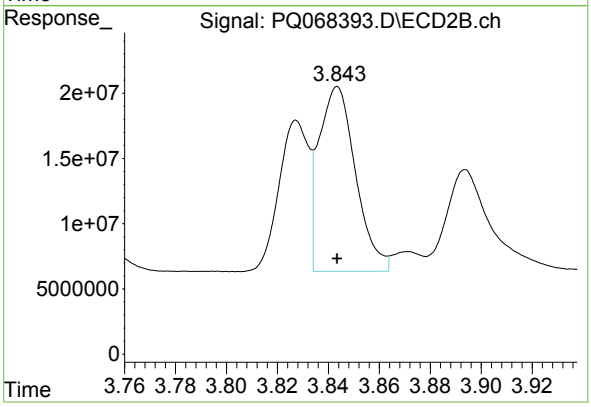
#16 AR-1242-1

R.T.: 3.827 min
Delta R.T.: 0.000 min
Response: 93493817
Conc: 511.84 ng/ml



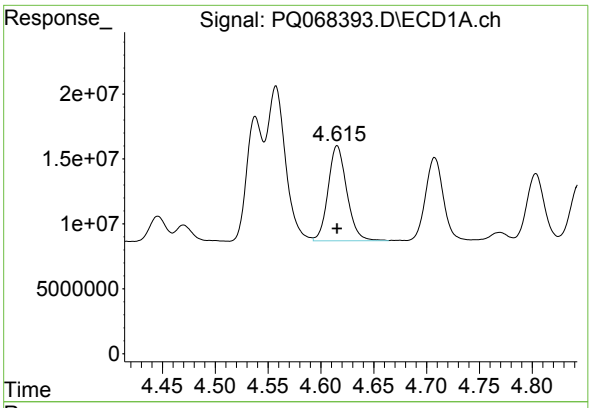
#17 AR-1242-2

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 145048558
Conc: 521.06 ng/ml



#17 AR-1242-2

R.T.: 3.844 min
Delta R.T.: 0.000 min
Response: 141929573
Conc: 524.81 ng/ml



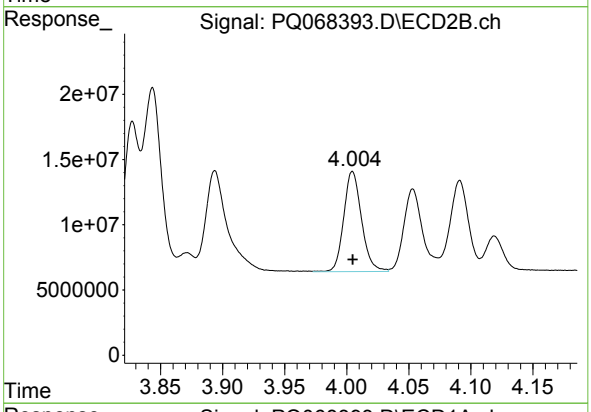
#18 AR-1242-3

R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 90047350
Conc: 523.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ090624AR1242

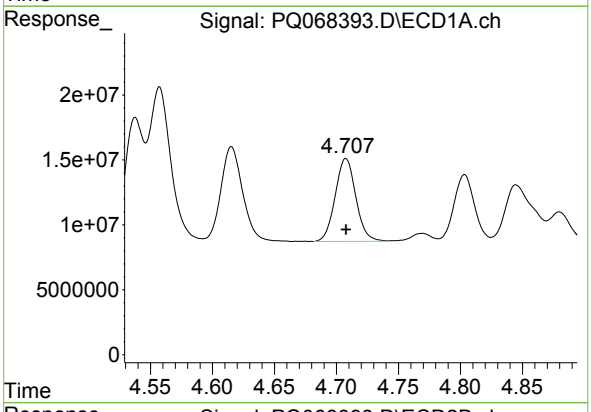
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



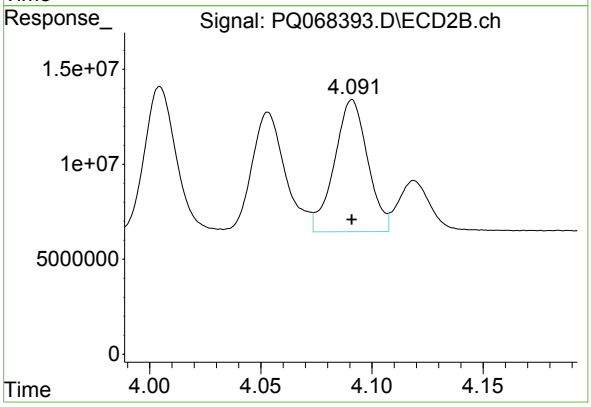
#18 AR-1242-3

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 76655042
Conc: 520.87 ng/ml



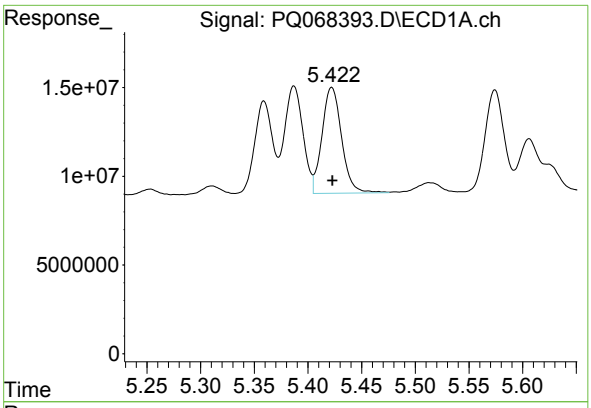
#19 AR-1242-4

R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 74318586
Conc: 523.74 ng/ml



#19 AR-1242-4

R.T.: 4.091 min
Delta R.T.: 0.000 min
Response: 72460946
Conc: 519.42 ng/ml



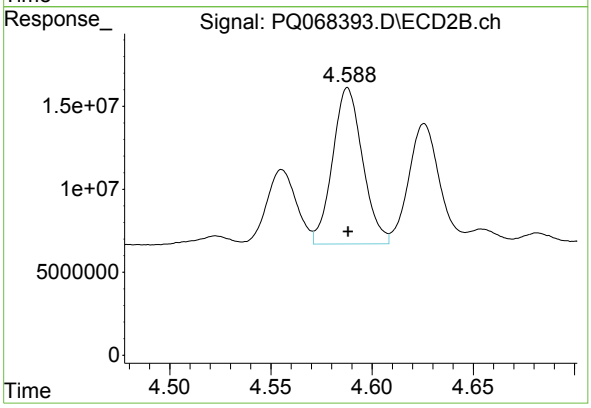
#20 AR-1242-5

R.T.: 5.422 min
Delta R.T.: 0.000 min
Response: 75779708
Conc: 525.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ090624AR1242

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



#20 AR-1242-5

R.T.: 4.588 min
Delta R.T.: 0.000 min
Response: 97277043
Conc: 517.71 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068394.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 21:02
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ICVPQ090624AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 07:05:50 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 06:12:46 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	374.1E6	373.9E6	52.392	52.503
2)	SA Decachlor...	8.608	7.600	226.1E6	340.9E6	51.875	51.626
	Target Compounds						
21)	L5 AR-1248-1	4.539	3.828	72731343	74617109	518.971	522.379
22)	L5 AR-1248-2	4.804	4.053	101.9E6	112.6E6	523.336	523.141
23)	L5 AR-1248-3	4.994	4.091	122.5E6	108.1E6	521.882	520.742
24)	L5 AR-1248-4	5.388	4.250	132.9E6	132.3E6	514.522	517.546
25)	L5 AR-1248-5	5.423	4.626	133.3E6	132.3E6	526.228	517.957

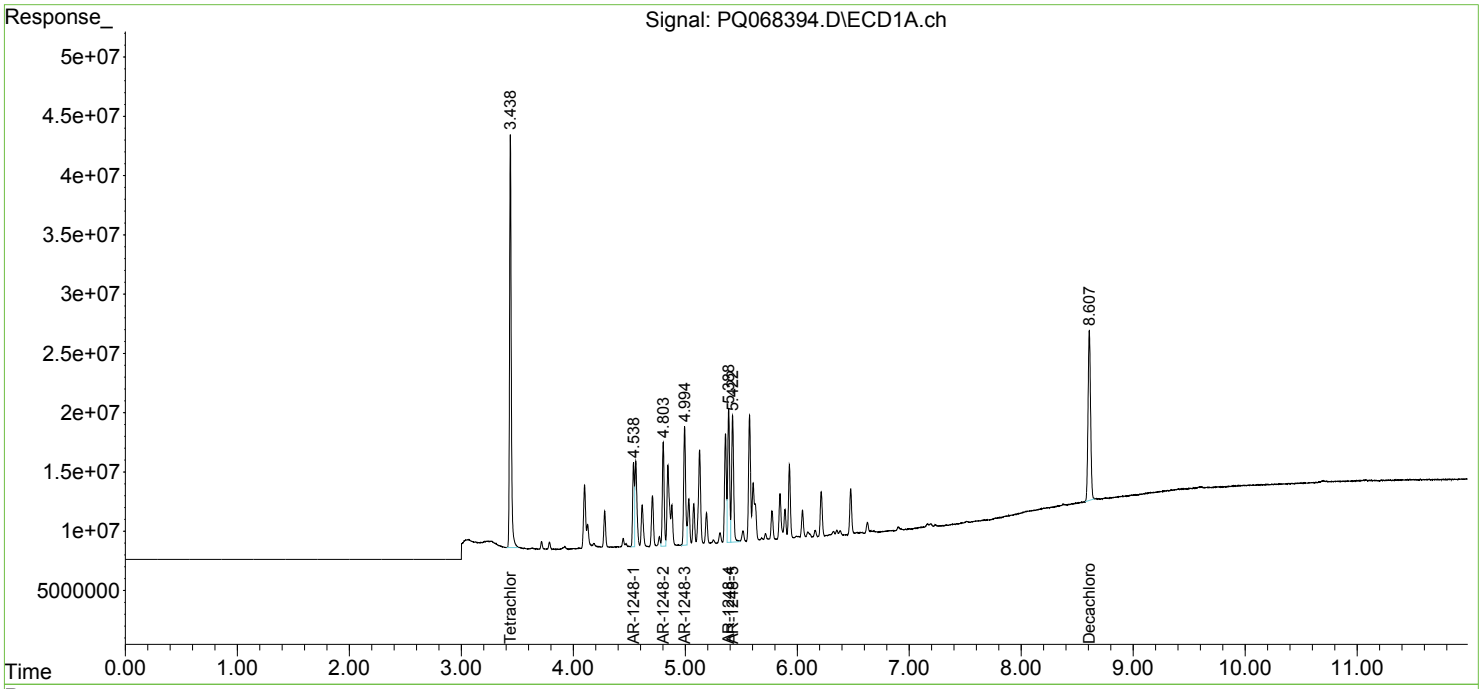
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

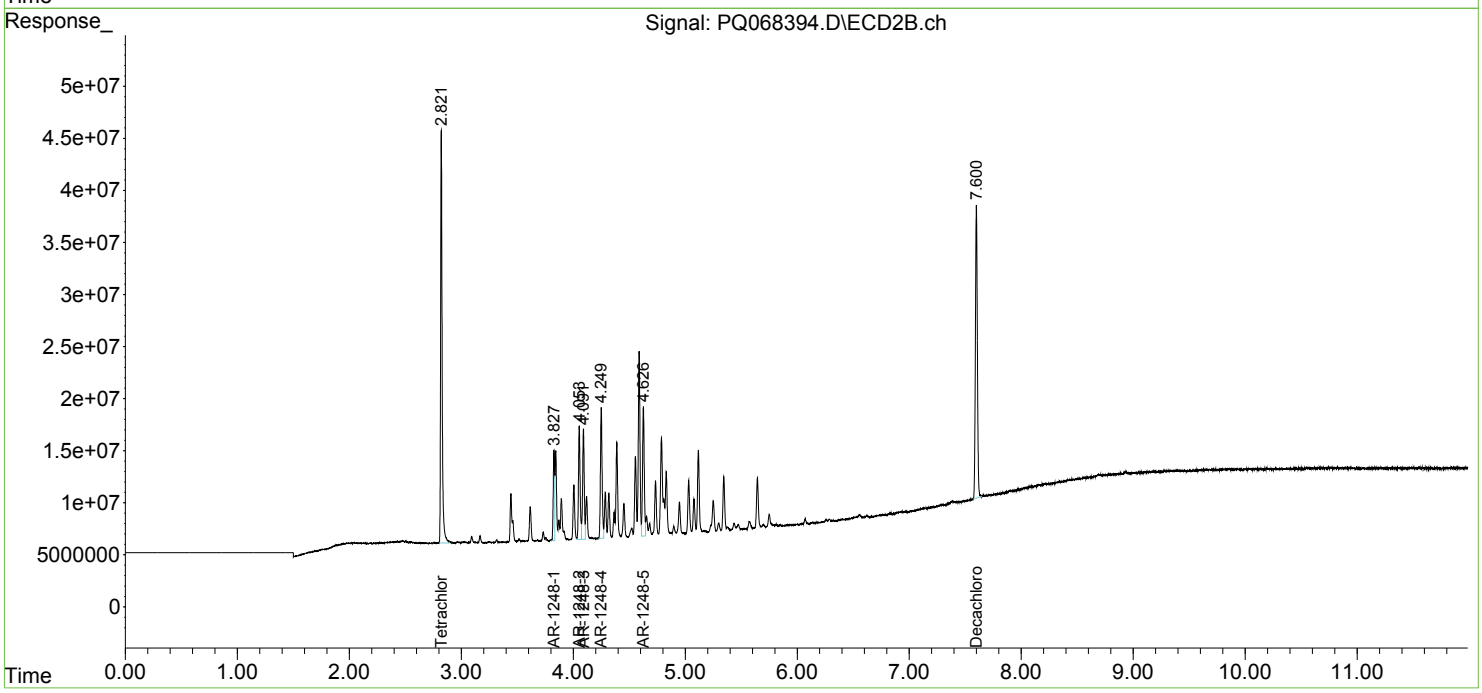
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068394.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 21:02
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

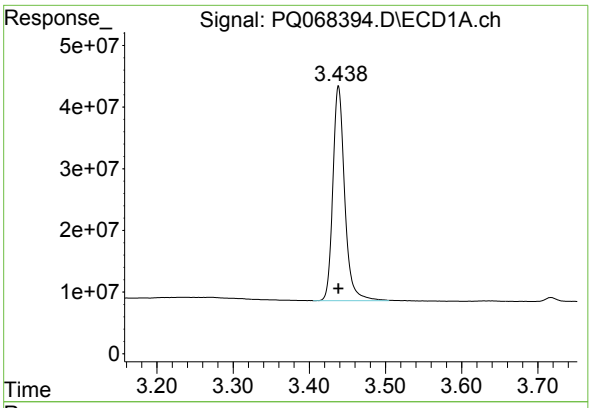
Instrument :
ECD_Q
ClientSampleId :
ICVPQ090624AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 07:05:50 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 06:12:46 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



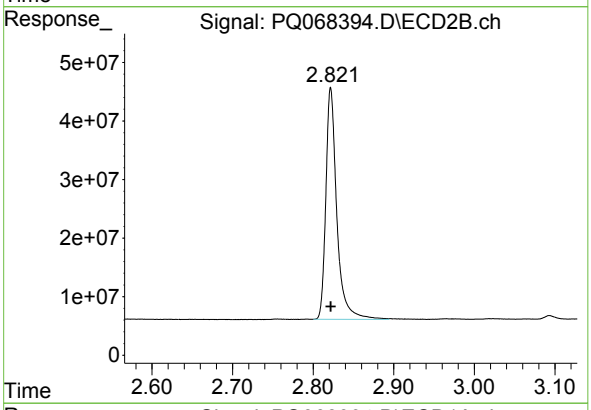




#1 Tetrachloro-m-xylene

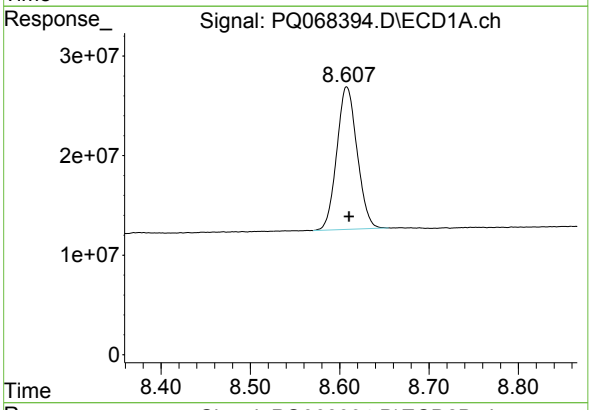
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 374110109
Conc: 52.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ090624AR1248



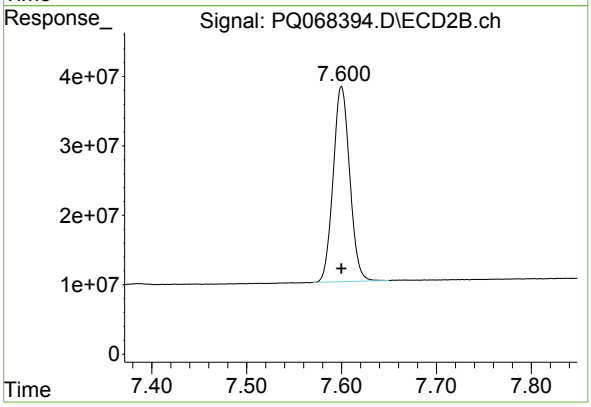
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 373940021
Conc: 52.50 ng/ml



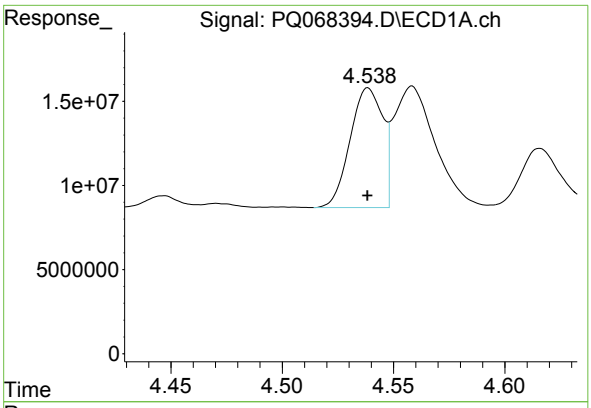
#2 Decachlorobiphenyl

R.T.: 8.608 min
Delta R.T.: -0.002 min
Response: 226086362
Conc: 51.88 ng/ml



#2 Decachlorobiphenyl

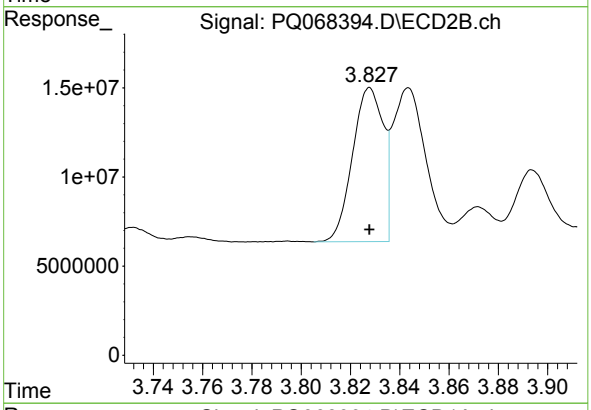
R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 340930704
Conc: 51.63 ng/ml



#21 AR-1248-1

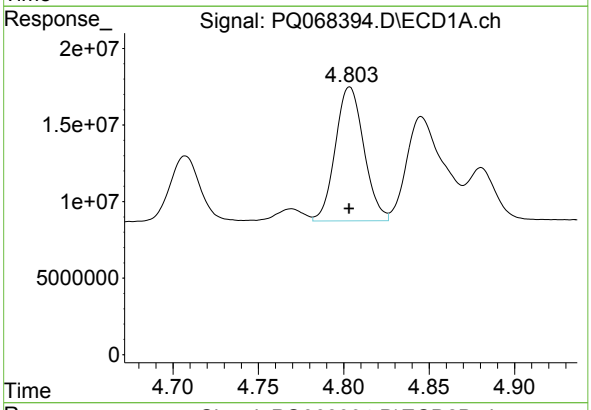
R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 72731343
Conc: 518.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ090624AR1248



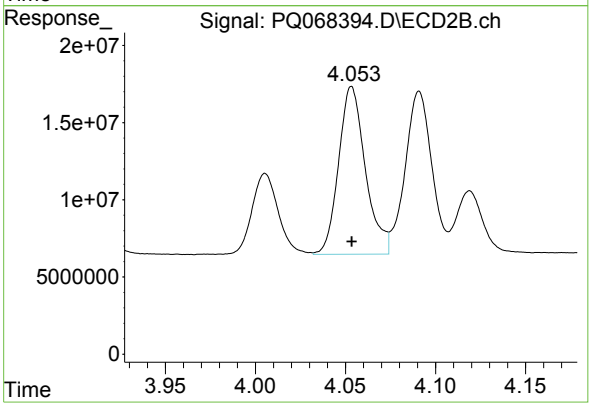
#21 AR-1248-1

R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 74617109
Conc: 522.38 ng/ml



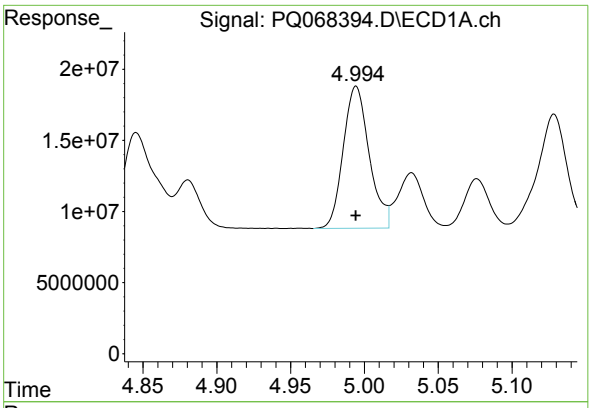
#22 AR-1248-2

R.T.: 4.804 min
Delta R.T.: 0.000 min
Response: 101919173
Conc: 523.34 ng/ml



#22 AR-1248-2

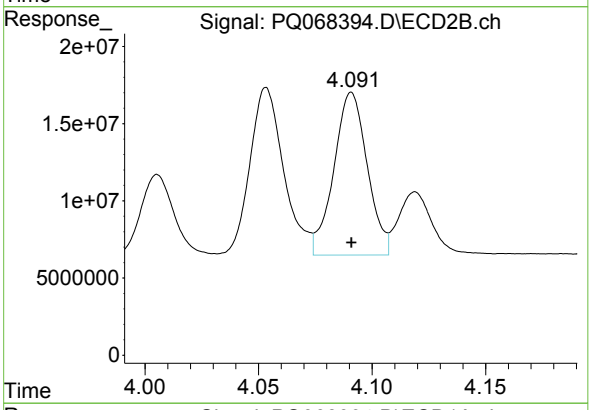
R.T.: 4.053 min
Delta R.T.: 0.000 min
Response: 112641538
Conc: 523.14 ng/ml



#23 AR-1248-3

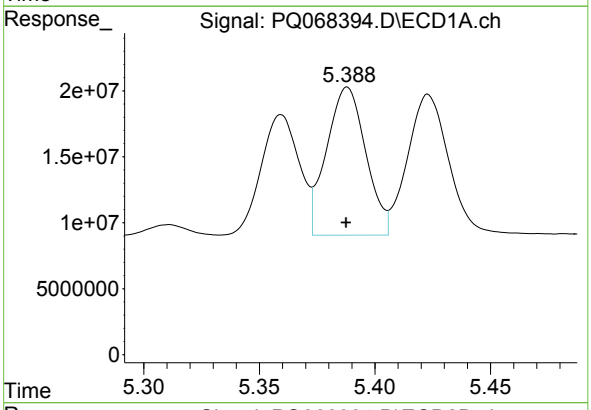
R.T.: 4.994 min
Delta R.T.: 0.000 min
Response: 122461254
Conc: 521.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ090624AR1248



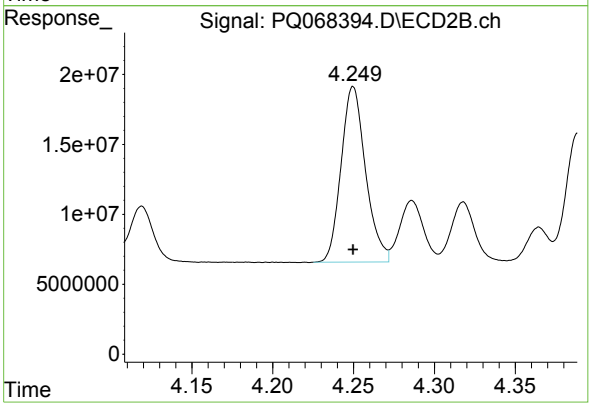
#23 AR-1248-3

R.T.: 4.091 min
Delta R.T.: 0.000 min
Response: 108097081
Conc: 520.74 ng/ml



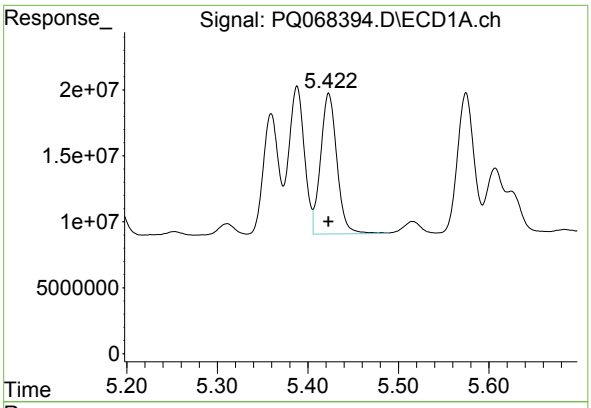
#24 AR-1248-4

R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 132850710
Conc: 514.52 ng/ml



#24 AR-1248-4

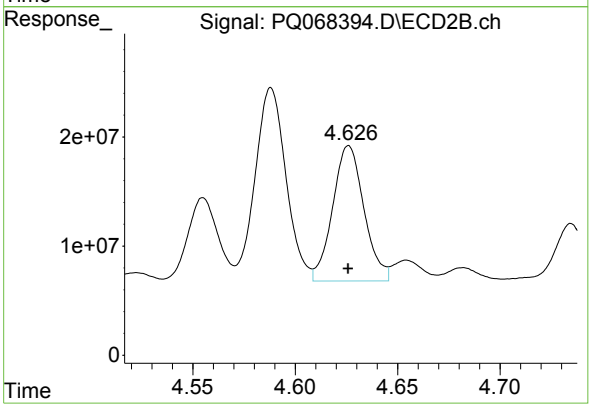
R.T.: 4.250 min
Delta R.T.: 0.000 min
Response: 132265674
Conc: 517.55 ng/ml



#25 AR-1248-5

R.T.: 5.423 min
Delta R.T.: 0.000 min
Response: 133267741
Conc: 526.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ090624AR1248



#25 AR-1248-5

R.T.: 4.626 min
Delta R.T.: 0.000 min
Response: 132263867
Conc: 517.96 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068395.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 21:17
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ICVPQ090624AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 07:06:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 06:12:46 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.821	375.8E6	374.1E6	52.633	52.524
2)	SA Decachlor...	8.610	7.601	227.5E6	341.1E6	52.195	51.644
	Target Compounds						
26)	L6 AR-1254-1	5.360	4.587	135.5E6	193.5E6	537.212	526.563
27)	L6 AR-1254-2	5.576	4.734	205.5E6	174.3E6	533.972	530.956
28)	L6 AR-1254-3	5.930	5.117	214.9E6	270.2E6	536.925	532.879
29)	L6 AR-1254-4	6.214	5.344	155.7E6	166.9E6	548.356	537.620
30)	L6 AR-1254-5	6.627	5.750	174.8E6	258.3E6	542.740	550.787

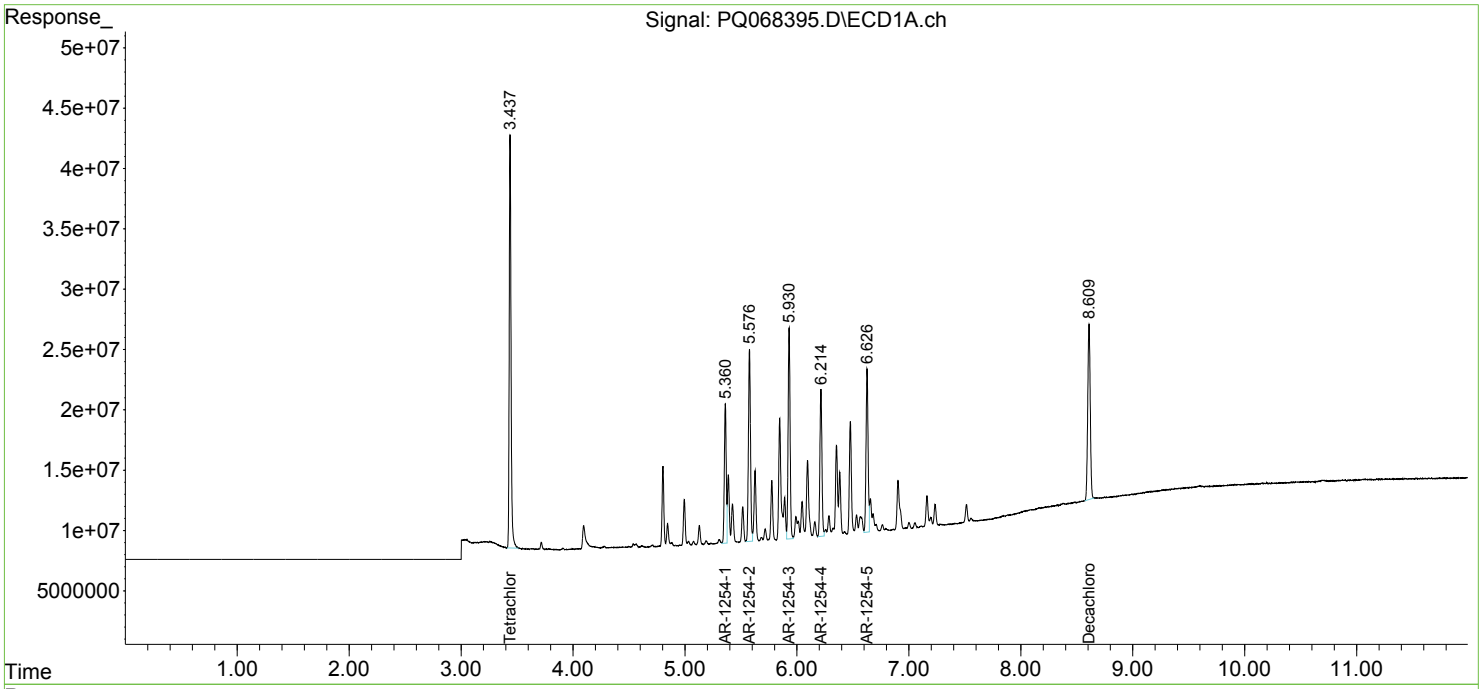
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

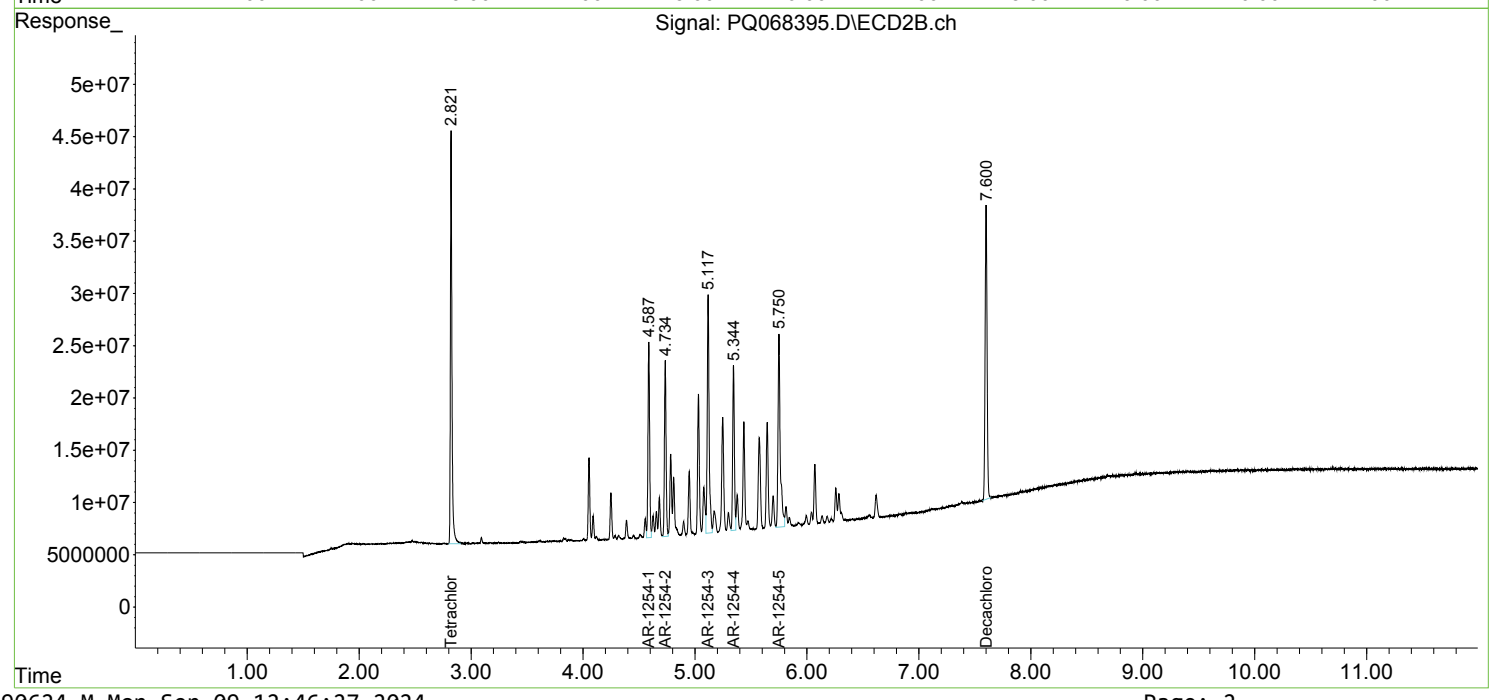
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068395.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 21:17
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

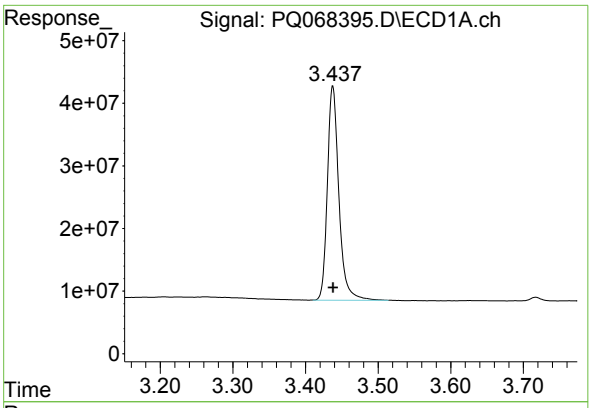
Instrument :
ECD_Q
ClientSampleId :
ICVPQ090624AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 07:06:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 06:12:46 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



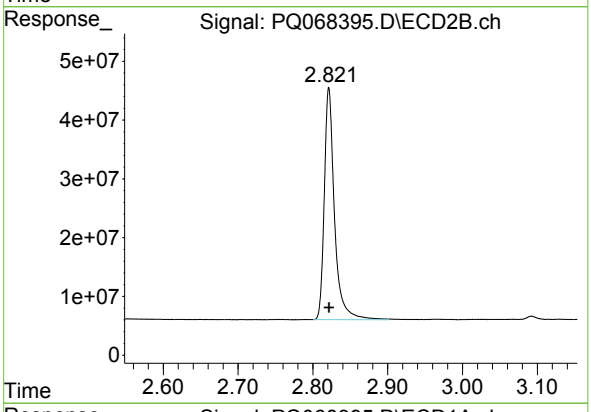




#1 Tetrachloro-m-xylene

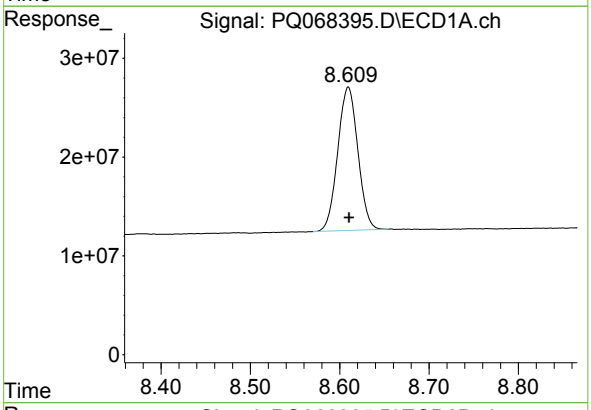
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 375831478
Conc: 52.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ090624AR1254



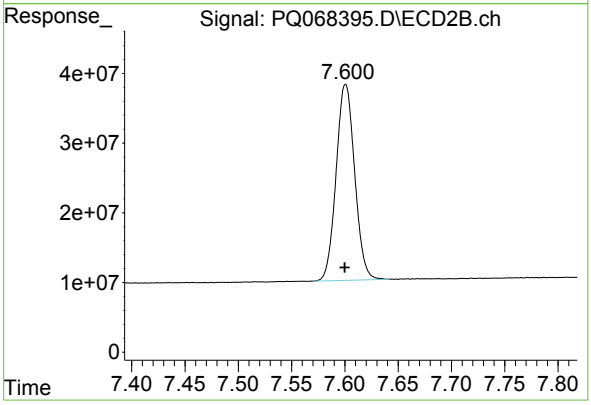
#1 Tetrachloro-m-xylene

R.T.: 2.821 min
Delta R.T.: 0.000 min
Response: 374094559
Conc: 52.52 ng/ml



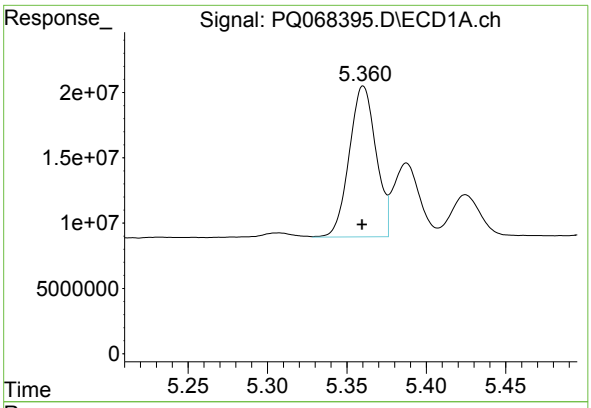
#2 Decachlorobiphenyl

R.T.: 8.610 min
Delta R.T.: 0.000 min
Response: 227480846
Conc: 52.20 ng/ml



#2 Decachlorobiphenyl

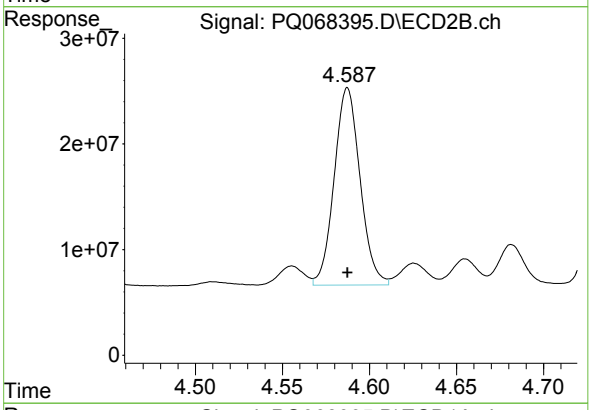
R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 341050890
Conc: 51.64 ng/ml



#26 AR-1254-1

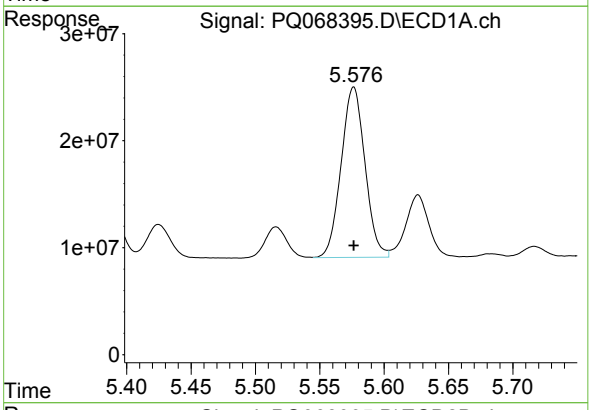
R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 135473004
Conc: 537.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ090624AR1254



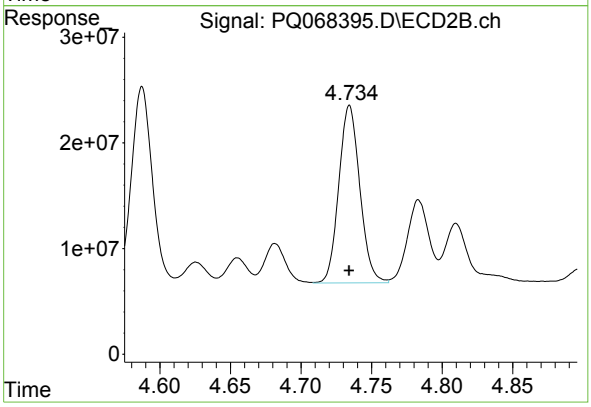
#26 AR-1254-1

R.T.: 4.587 min
Delta R.T.: 0.000 min
Response: 193470430
Conc: 526.56 ng/ml



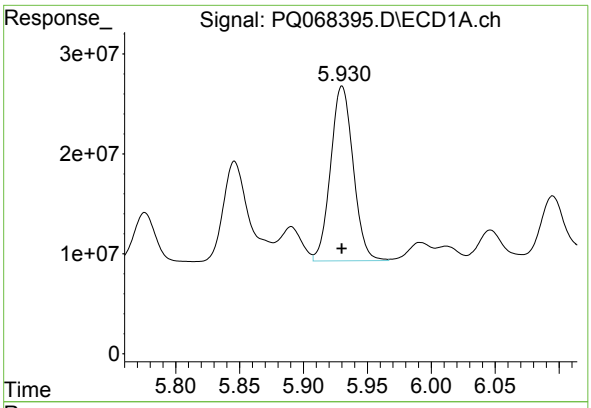
#27 AR-1254-2

R.T.: 5.576 min
Delta R.T.: 0.000 min
Response: 205503964
Conc: 533.97 ng/ml



#27 AR-1254-2

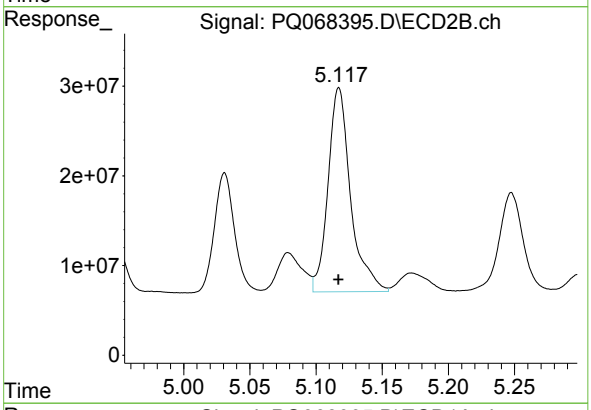
R.T.: 4.734 min
Delta R.T.: 0.000 min
Response: 174294894
Conc: 530.96 ng/ml



#28 AR-1254-3

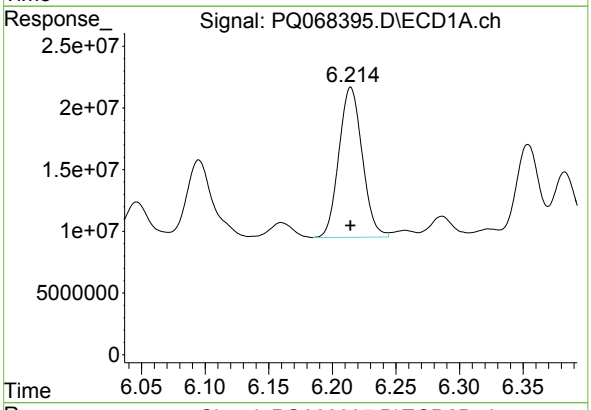
R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 214949194
Conc: 536.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ090624AR1254



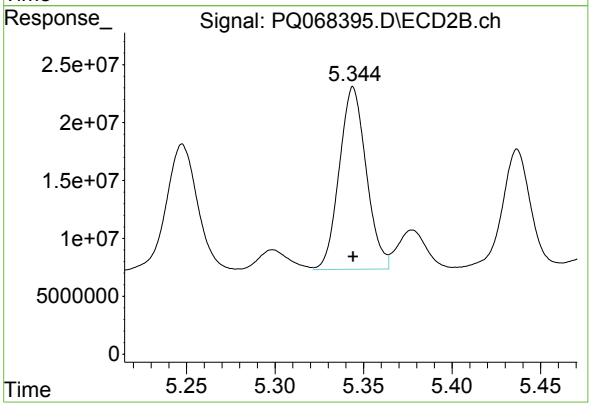
#28 AR-1254-3

R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 270203272
Conc: 532.88 ng/ml



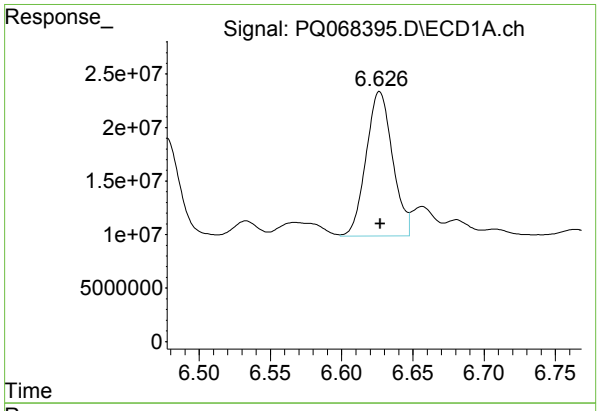
#29 AR-1254-4

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 155655323
Conc: 548.36 ng/ml



#29 AR-1254-4

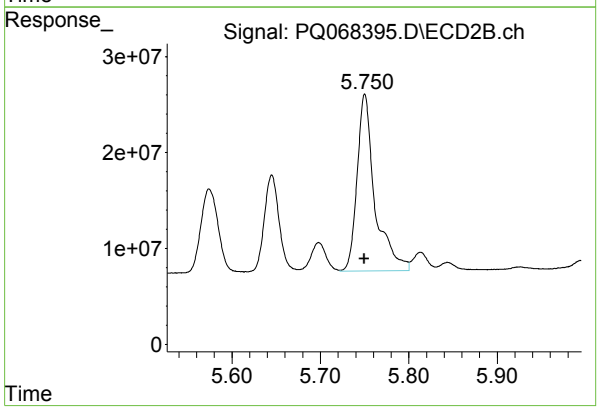
R.T.: 5.344 min
Delta R.T.: 0.000 min
Response: 166938263
Conc: 537.62 ng/ml



#30 AR-1254-5

R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 174752784
Conc: 542.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ090624AR1254



#30 AR-1254-5

R.T.: 5.750 min
Delta R.T.: 0.000 min
Response: 258345911
Conc: 550.79 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068396.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 21:31
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ICVPQ090624AR1268

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 07:23:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 07:23:02 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	378.2E6	379.4E6	51.963	52.297
2)	SA Decachlor...	8.609	7.600	388.6E6	580.5E6	51.677	51.423
	Target Compounds						
41)	L9 AR-1268-1	7.505	6.563	379.9E6	530.8E6	515.828	516.315m
42)	L9 AR-1268-2	7.584	6.627	347.6E6	482.8E6	517.479	518.322
43)	L9 AR-1268-3	7.764	6.826	285.2E6	419.0E6	514.996	517.353
44)	L9 AR-1268-4	8.085	7.117	114.5E6	171.3E6	515.410	517.083
45)	L9 AR-1268-5	8.377	7.384	831.2E6	1238.0E6	517.287	513.069

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068396.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 21:31
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

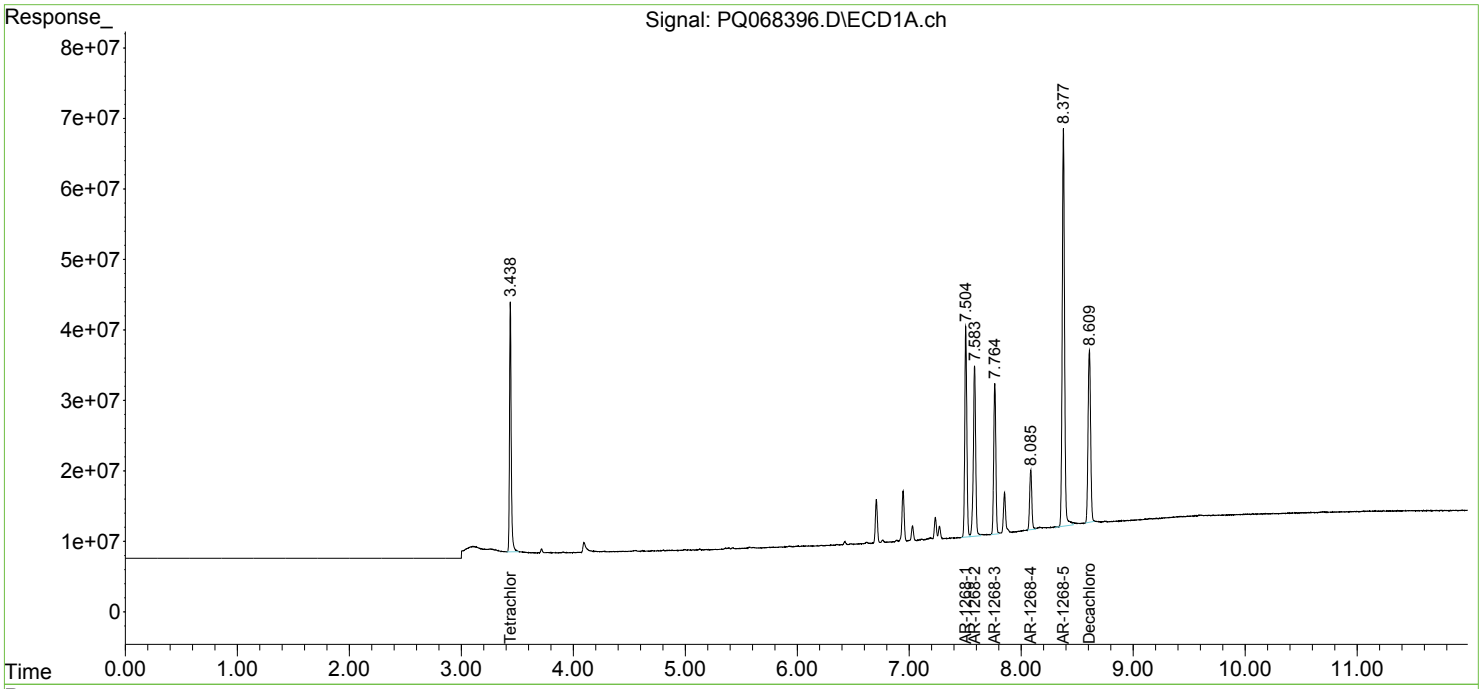
Instrument :
ECD_Q
ClientSampleId :
ICVPQ090624AR1268

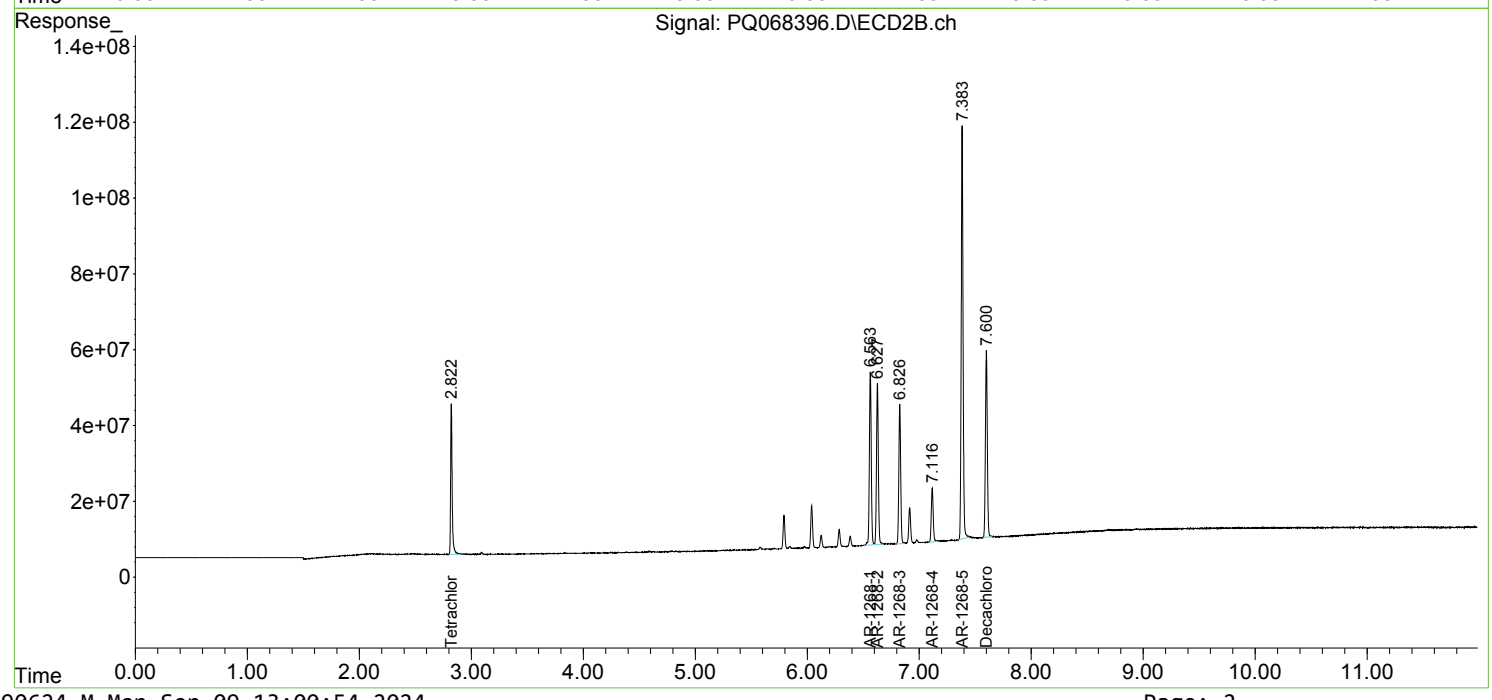
Manual Integrations APPROVED

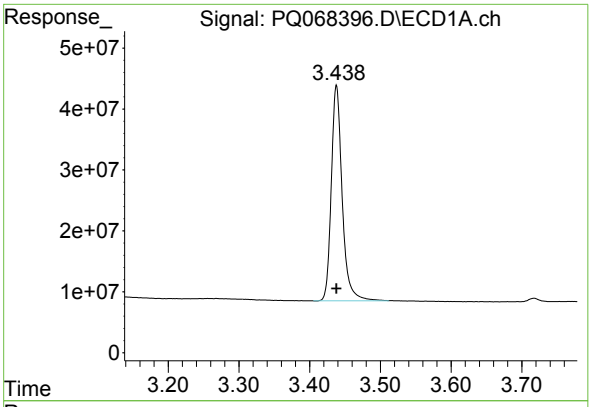
Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 07:23:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 07:23:02 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







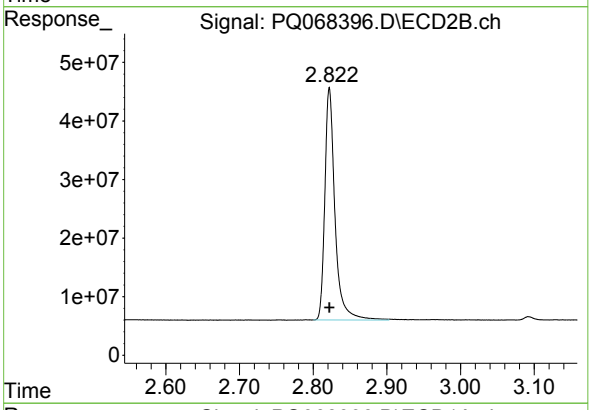
#1 Tetrachloro-m-xylene

R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 378157978
Conc: 51.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ090624AR1268

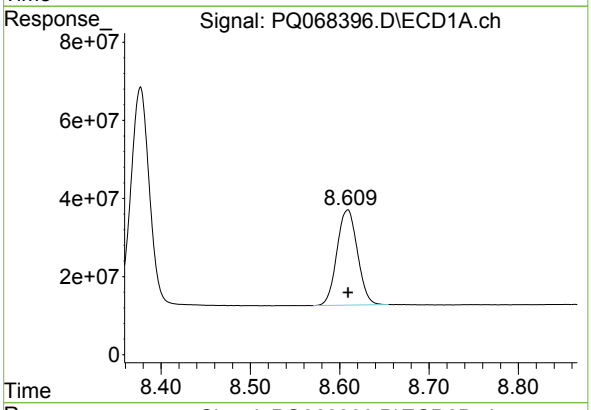
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



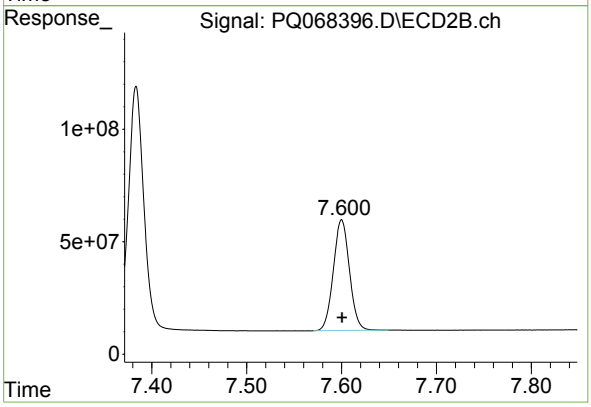
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 379386040
Conc: 52.30 ng/ml



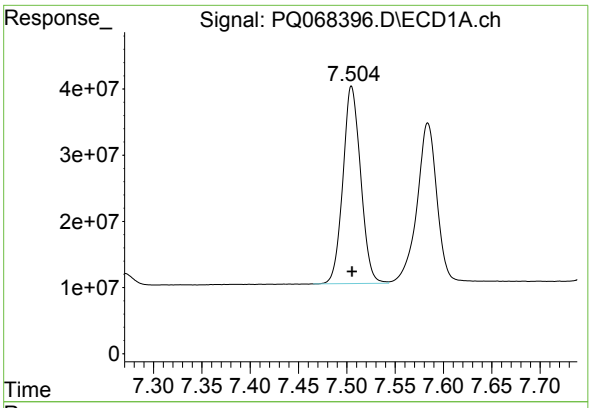
#2 Decachlorobiphenyl

R.T.: 8.609 min
Delta R.T.: 0.000 min
Response: 388634415
Conc: 51.68 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 580545874
Conc: 51.42 ng/ml



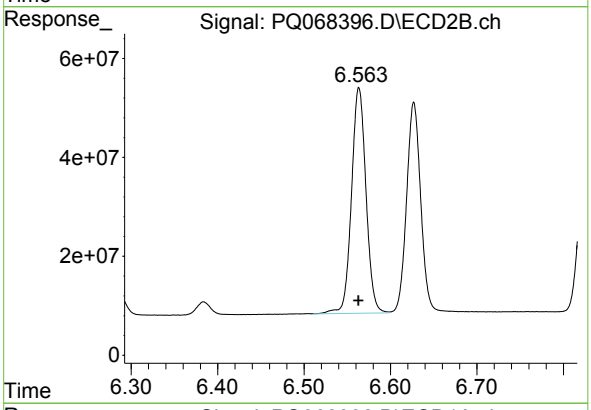
#41 AR-1268-1

R.T.: 7.505 min
Delta R.T.: 0.000 min
Response: 379854681
Conc: 515.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ090624AR1268

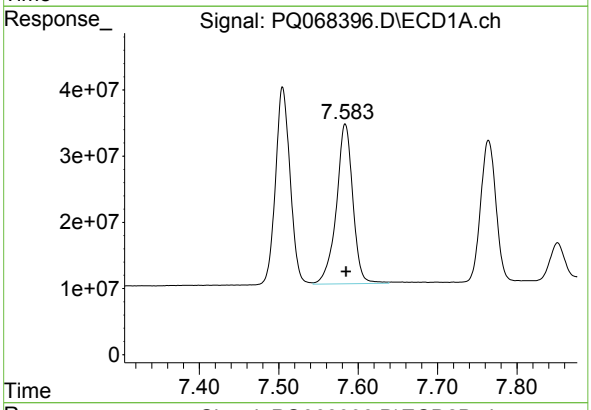
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



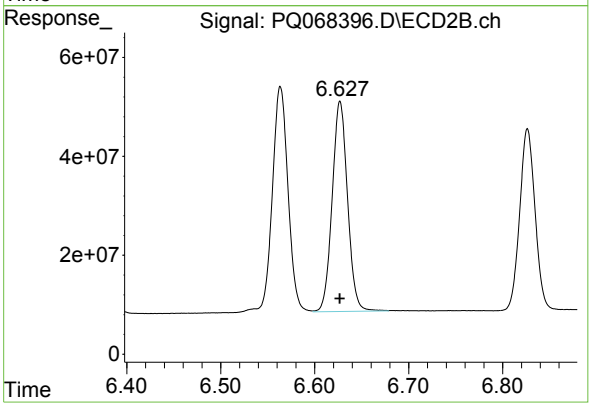
#41 AR-1268-1

R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 530818507
Conc: 516.32 ng/ml m



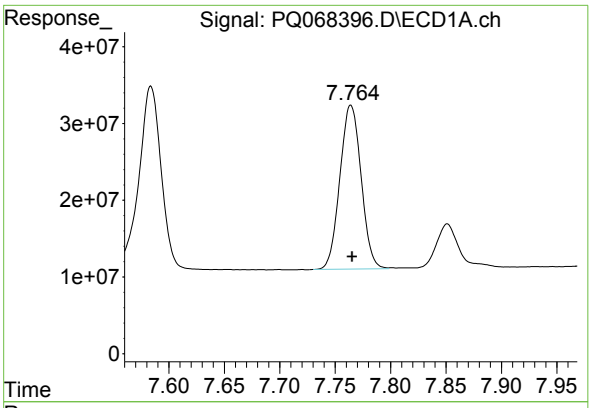
#42 AR-1268-2

R.T.: 7.584 min
Delta R.T.: -0.001 min
Response: 347621238
Conc: 517.48 ng/ml



#42 AR-1268-2

R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 482766989
Conc: 518.32 ng/ml



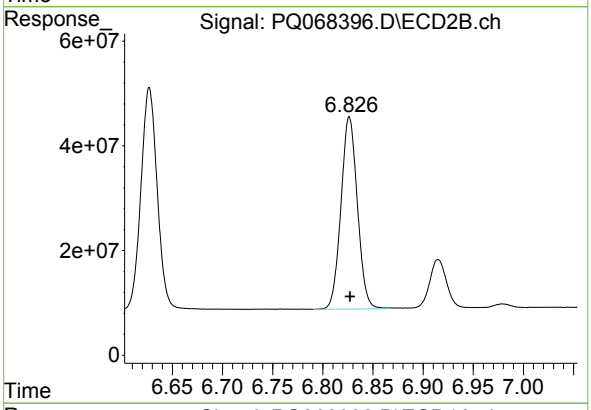
#43 AR-1268-3

R.T.: 7.764 min
Delta R.T.: -0.001 min
Response: 285182370
Conc: 515.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ090624AR1268

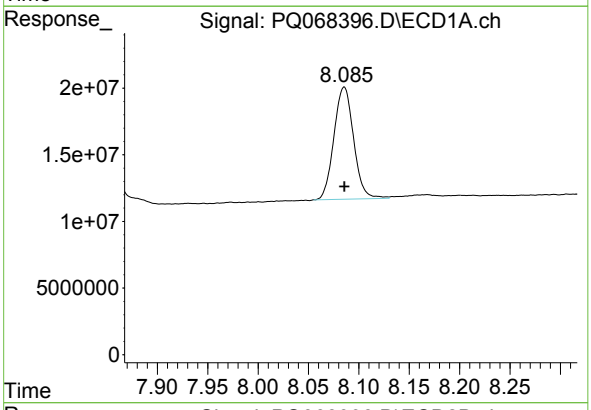
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



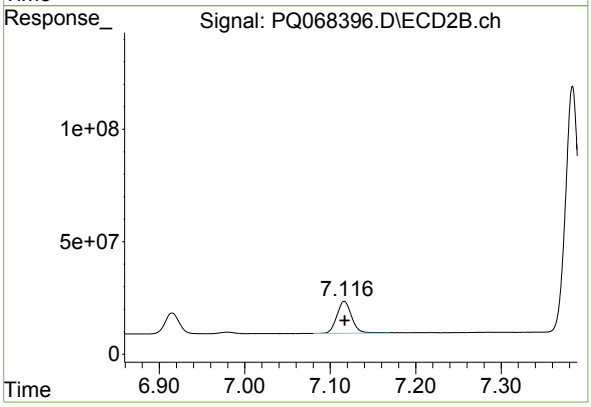
#43 AR-1268-3

R.T.: 6.826 min
Delta R.T.: 0.000 min
Response: 418999884
Conc: 517.35 ng/ml



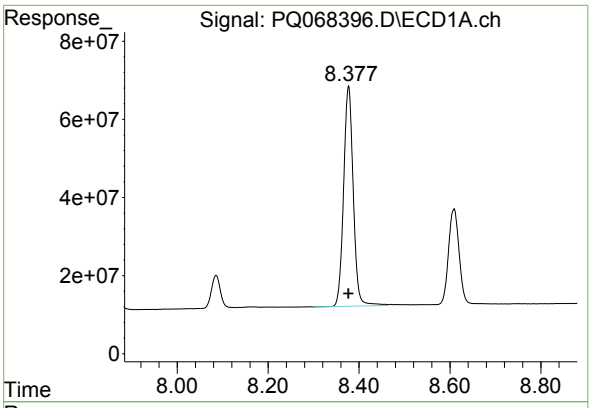
#44 AR-1268-4

R.T.: 8.085 min
Delta R.T.: 0.000 min
Response: 114519628
Conc: 515.41 ng/ml



#44 AR-1268-4

R.T.: 7.117 min
Delta R.T.: 0.000 min
Response: 171266727
Conc: 517.08 ng/ml



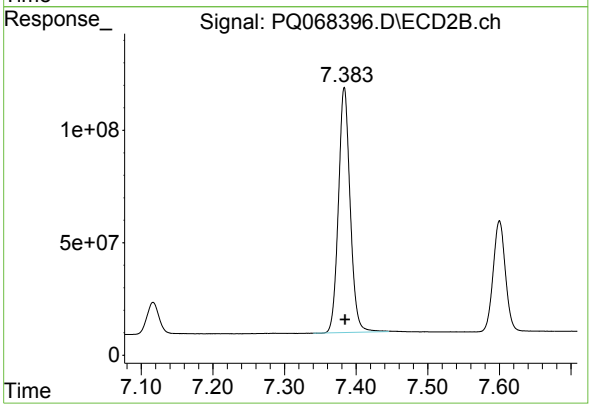
#45 AR-1268-5

R.T.: 8.377 min
Delta R.T.: 0.000 min
Response: 831157726
Conc: 517.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ090624AR1268

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



#45 AR-1268-5

R.T.: 7.384 min
Delta R.T.: 0.000 min
Response: 1237950543
Conc: 513.07 ng/ml

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3845 **SAS No.:** P3845 **SDG NO.:** P3845

Instrument ID: ECD_Q **Calibration Date(s):** 09/10/2024 09/10/2024

Calibration Times: 11:30 12:28

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PQ068502.D RT 750 = PQ068503.D

RT 500 = PQ068504.D RT 250 = PQ068505.D RT 050 = PQ068506.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1221-1	(1)	3.64	3.64	3.64	3.64	3.64	3.64	3.54	3.74
Aroclor-1221-2	(2)	3.72	3.72	3.72	3.72	3.72	3.72	3.62	3.82
Aroclor-1221-3	(3)	3.79	3.79	3.79	3.79	3.79	3.79	3.69	3.89
Decachlorobiphenyl		8.61	8.61	8.61	8.61	8.61	8.61	8.51	8.71
Tetrachloro-m-xylene		3.44	3.44	3.44	3.44	3.44	3.44	3.34	3.54

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3845 **SAS No.:** P3845 **SDG NO.:** P3845

Instrument ID: ECD_Q **Calibration Date(s):** 09/10/2024 09/10/2024

Calibration Times: 11:30 12:28

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PQ068502.D RT 750 = PQ068503.D

RT 500 = PQ068504.D RT 250 = PQ068505.D RT 050 = PQ068506.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1221-1	(1)	3.02	3.02	3.02	3.02	3.02	3.02	2.92	3.12
Aroclor-1221-2	(2)	3.10	3.10	3.10	3.10	3.10	3.10	3.00	3.20
Aroclor-1221-3	(3)	3.17	3.17	3.17	3.17	3.17	3.17	3.07	3.27
Decachlorobiphenyl		7.60	7.60	7.60	7.60	7.60	7.60	7.50	7.70
Tetrachloro-m-xylene		2.82	2.82	2.82	2.82	2.82	2.82	2.72	2.92

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3845 **SAS No.:** P3845 **SDG NO.:** P3845

Instrument ID: ECD_Q **Calibration Date(s):** 09/10/2024 09/10/2024

Calibration Times: 11:30 12:28

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 1000 =** PQ068502.D **CF 750 =** PQ068503.D

CF 500 = PQ068504.D **CF 250 =** PQ068505.D **CF 050 =** PQ068506.D

COMPOUND	CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1221-1 (1)	75912380	80962007	84402708	85796356	76276460	80669982	6
Aroclor-1221-2 (2)	55162120	60355343	61211640	64054496	60505540	60257828	5
Aroclor-1221-3 (3)	163740053	177726751	182483840	198862452	184327680	181428155	7
Decachlorobiphenyl	3458249270	3581926173	3695576540	3790319760	3376802000	3580574749	5
Tetrachloro-m-xylene	6401150130	6662305307	6867980020	7103040040	6481849600	6703265019	4

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3845 **SAS No.:** P3845 **SDG NO.:** P3845

Instrument ID: ECD_Q **Calibration Date(s):** 09/10/2024 09/10/2024

Calibration Times: 11:30 12:28

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 1000 =** PQ068502.D **CF 750 =** PQ068503.D

CF 500 = PQ068504.D **CF 250 =** PQ068505.D **CF 050 =** PQ068506.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1221-1	(1)	83297054	88222076	88207798	93132728	91389460	88849823	4
Aroclor-1221-2	(2)	65754151	69829900	68874606	70038840	68259860	68551471	3
Aroclor-1221-3	(3)	183871910	193710540	199893484	210895064	199867120	197647624	5
Decachlorobiphenyl		5606110840	5813024373	6021554040	6288844480	5918025000	5929511747	4
Tetrachloro-m-xylene		6653083710	6841175413	6920193260	7056282080	6359324600	6766011813	4

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091024\
Data File : PQ068502.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 11:30
Operator : YP\AJ
Sample : AR1221ICC1000
Misc :
ALS Vial : 141 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 12:38:02 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 10 12:34:12 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.439	2.822	640.1E6	665.3E6	96.482	98.032
2)	SA Decachlor...	8.611	7.599	345.8E6	560.6E6	96.683	96.427
	Target Compounds						
8)	L2 AR-1221-1	3.638	3.021	75912380	83297054	947.040	971.367
9)	L2 AR-1221-2	3.717	3.098	55162120	65754151	948.016	976.822
10)	L2 AR-1221-3	3.787	3.167	163.7E6	183.9E6	945.862	958.252

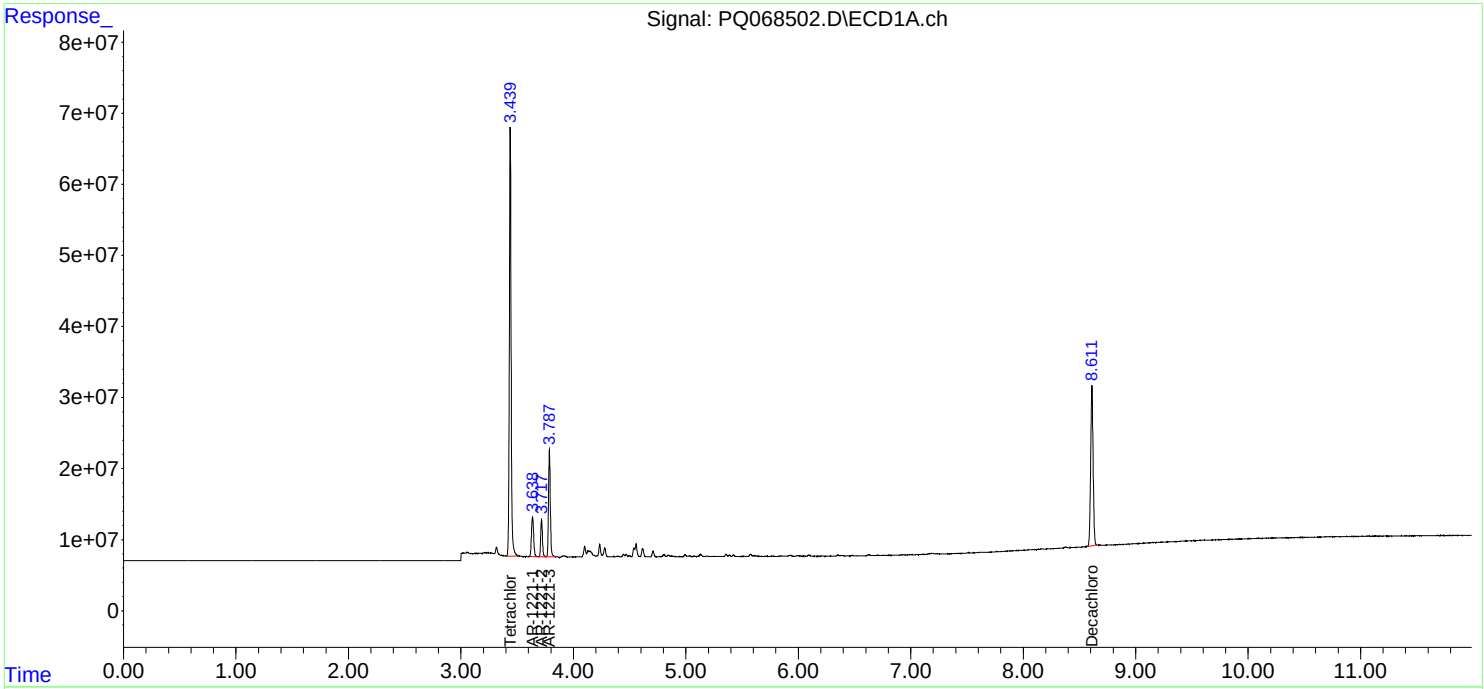
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

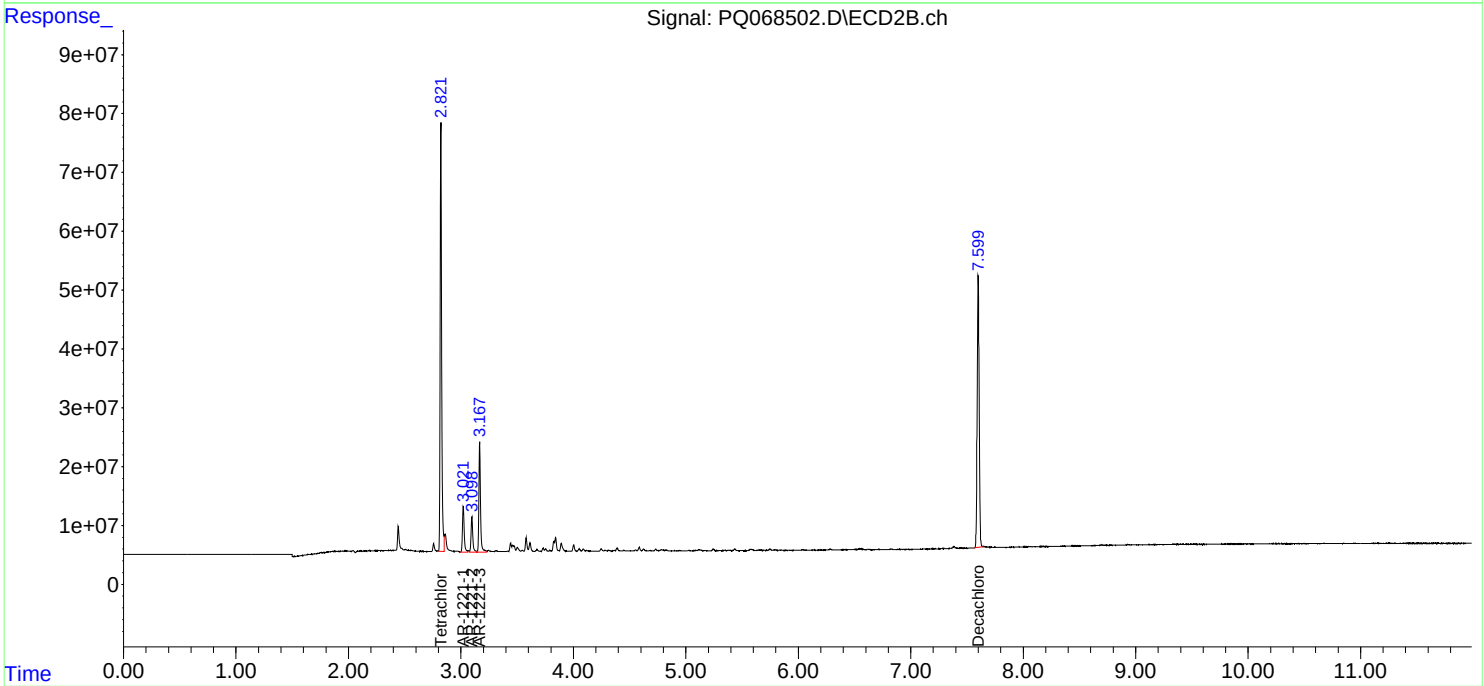
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091024\
Data File : PQ068502.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 11:30
Operator : YP\AJ
Sample : AR1221ICC1000
Misc :
ALS Vial : 141 Sample Multiplier: 1

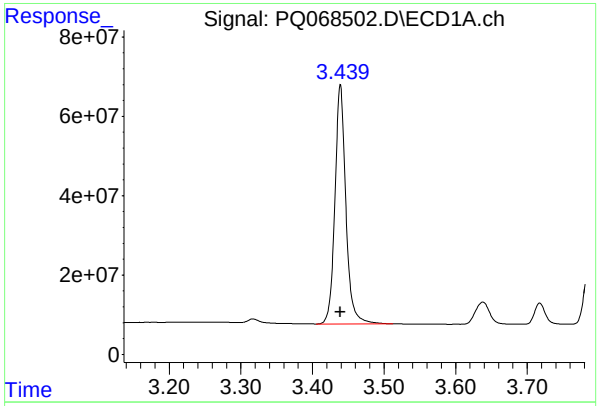
Instrument :
ECD_Q
ClientSampleId :
AR1221ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 12:38:02 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 10 12:34:12 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



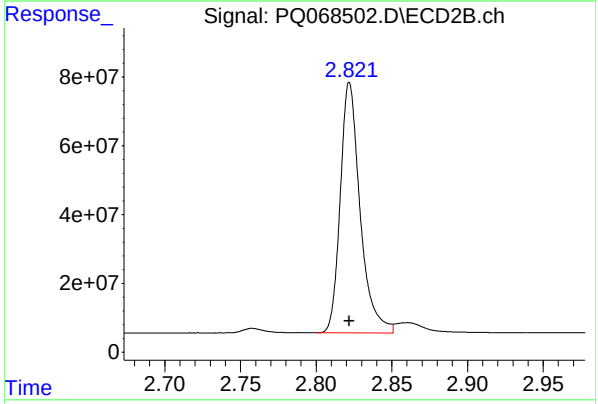




#1 Tetrachloro-m-xylene

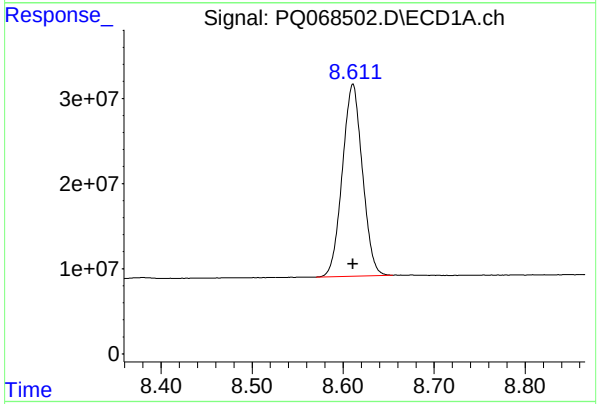
R.T.: 3.439 min
Delta R.T.: 0.000 min
Response: 640115013
Conc: 96.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC1000



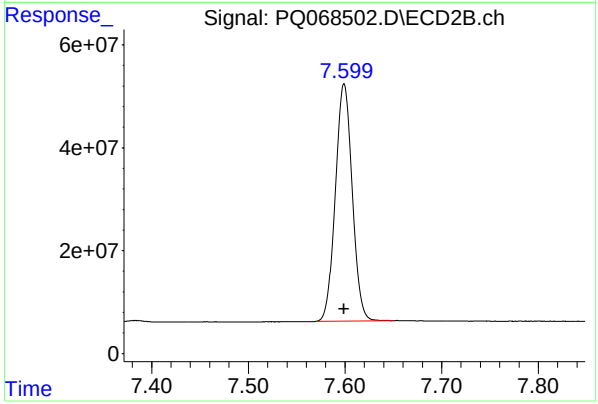
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 665308371
Conc: 98.03 ng/ml



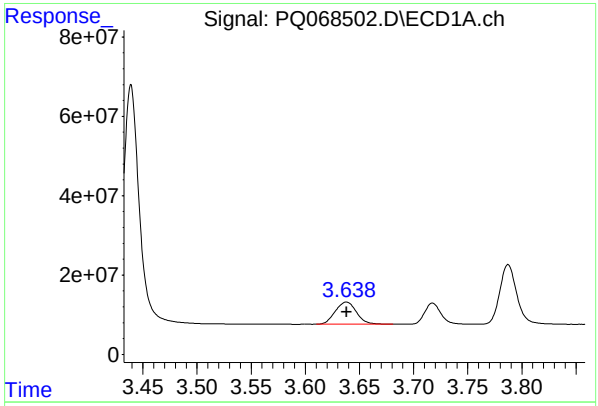
#2 Decachlorobiphenyl

R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 345824927
Conc: 96.68 ng/ml



#2 Decachlorobiphenyl

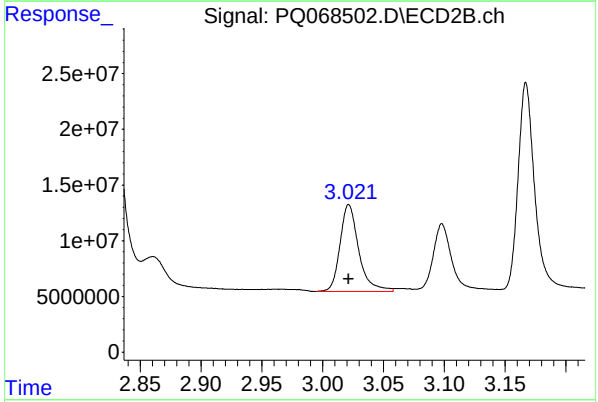
R.T.: 7.599 min
Delta R.T.: 0.000 min
Response: 560611084
Conc: 96.43 ng/ml



#8 AR-1221-1

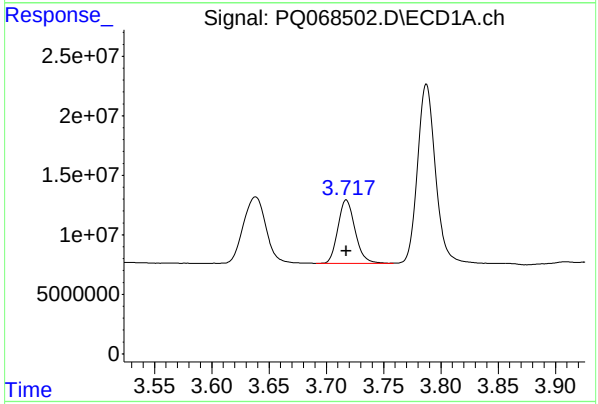
R.T.: 3.638 min
Delta R.T.: 0.000 min
Response: 75912380
Conc: 947.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC1000



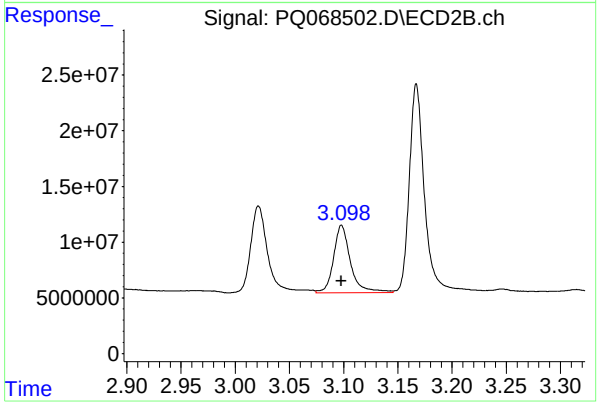
#8 AR-1221-1

R.T.: 3.021 min
Delta R.T.: 0.000 min
Response: 83297054
Conc: 971.37 ng/ml



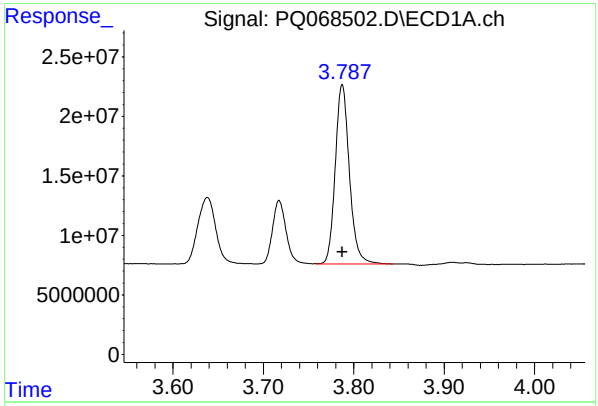
#9 AR-1221-2

R.T.: 3.717 min
Delta R.T.: 0.000 min
Response: 55162120
Conc: 948.02 ng/ml



#9 AR-1221-2

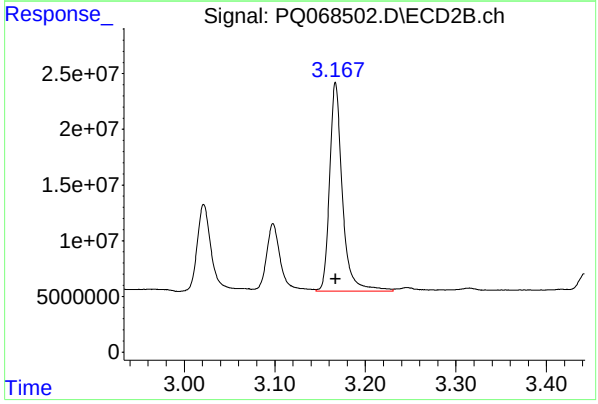
R.T.: 3.098 min
Delta R.T.: 0.000 min
Response: 65754151
Conc: 976.82 ng/ml



#10 AR-1221-3

R.T.: 3.787 min
Delta R.T.: 0.000 min
Response: 163740053
Conc: 945.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC1000



#10 AR-1221-3

R.T.: 3.167 min
Delta R.T.: 0.000 min
Response: 183871910
Conc: 958.25 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091024\
Data File : PQ068503.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 11:44
Operator : YP\AJ
Sample : AR1221ICC750
Misc :
ALS Vial : 142 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 12:42:58 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 10 12:34:12 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	499.7E6	513.1E6	75.209	75.401
2)	SA Decachlor...	8.610	7.598	268.6E6	436.0E6	75.070	74.993
	Target Compounds						
8)	L2 AR-1221-1	3.637	3.022	60721505	66166557	755.001	764.263
9)	L2 AR-1221-2	3.716	3.098	45266507	52372425	768.405	768.455
10)	L2 AR-1221-3	3.787	3.167	133.3E6	145.3E6	763.212	754.748

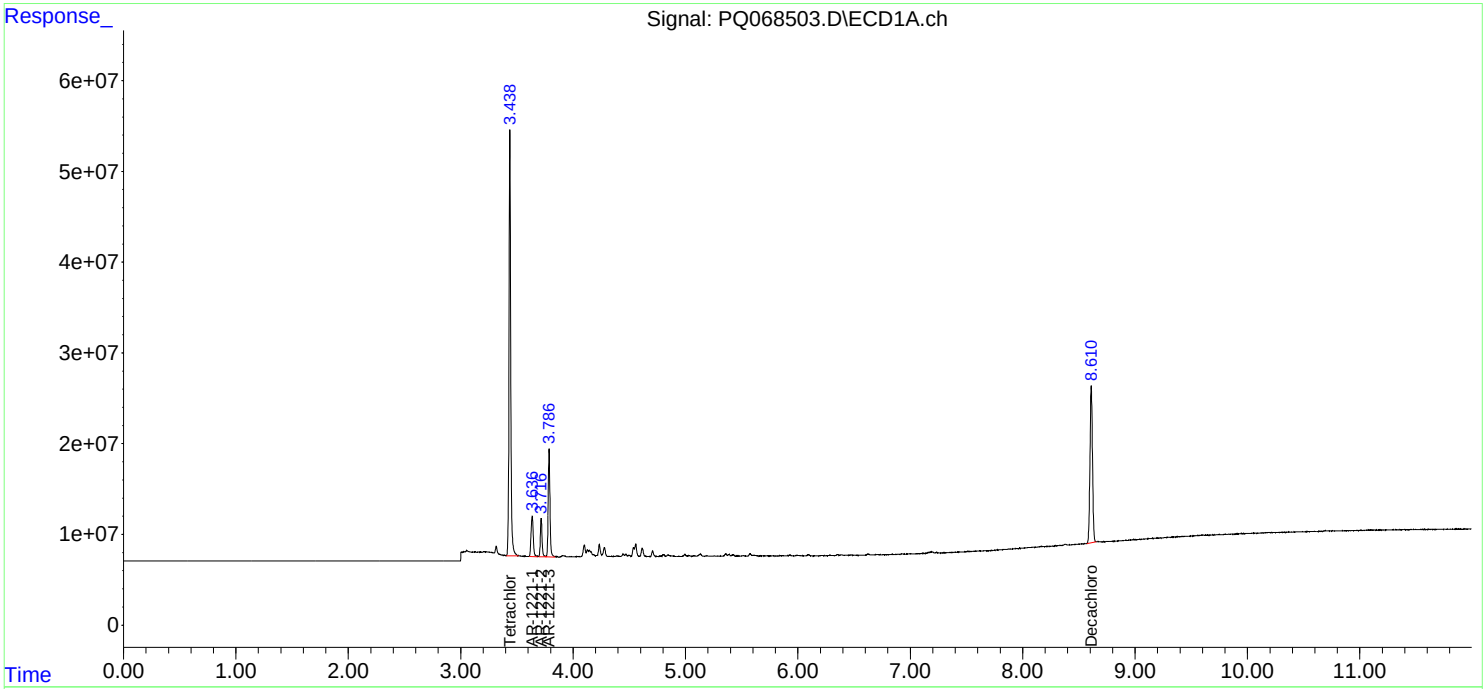
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

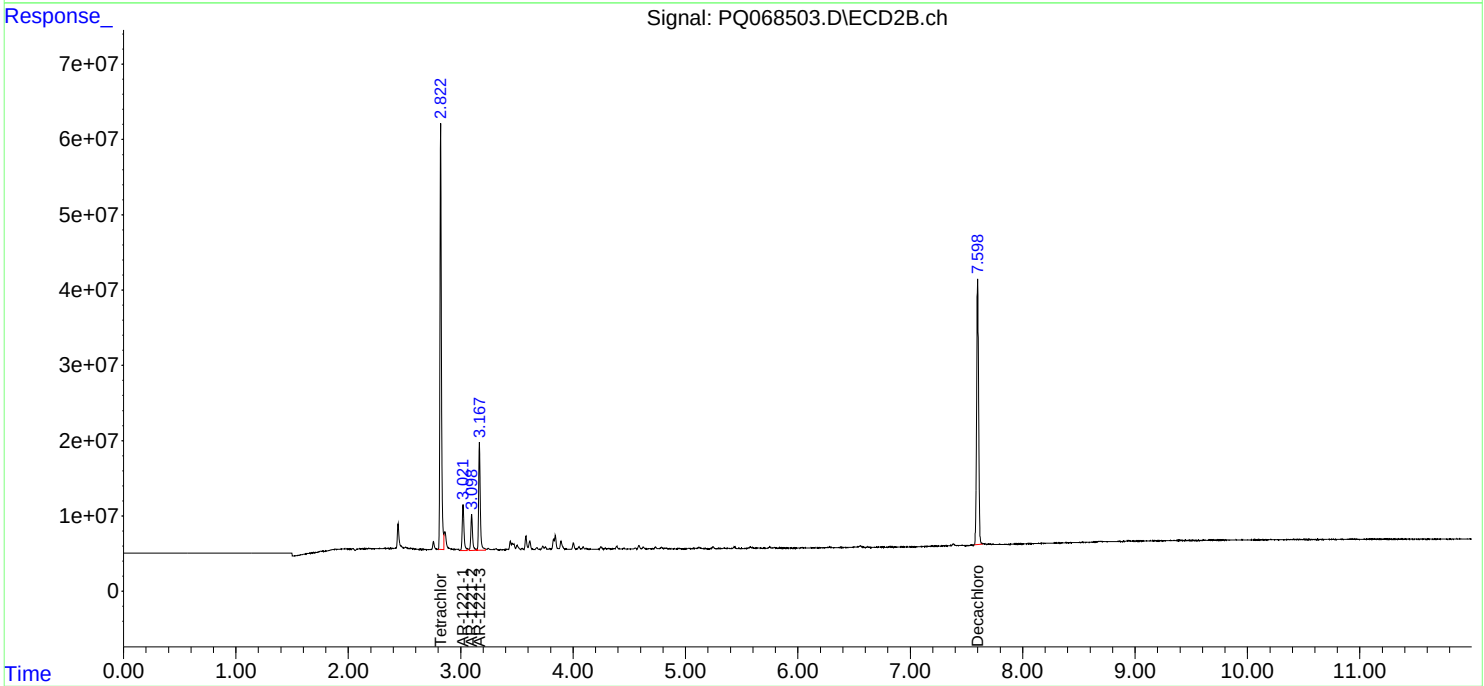
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091024\
Data File : PQ068503.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 11:44
Operator : YP\AJ
Sample : AR1221ICC750
Misc :
ALS Vial : 142 Sample Multiplier: 1

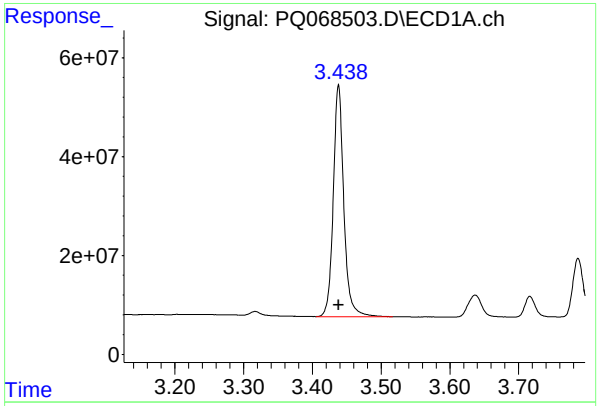
Instrument :
ECD_Q
ClientSampleId :
AR1221ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 12:42:58 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 10 12:34:12 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



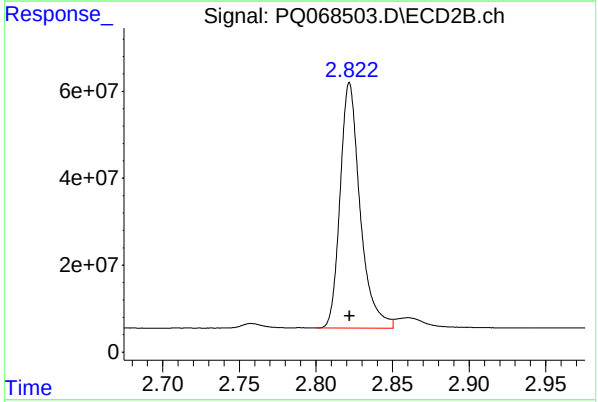




#1 Tetrachloro-m-xylene

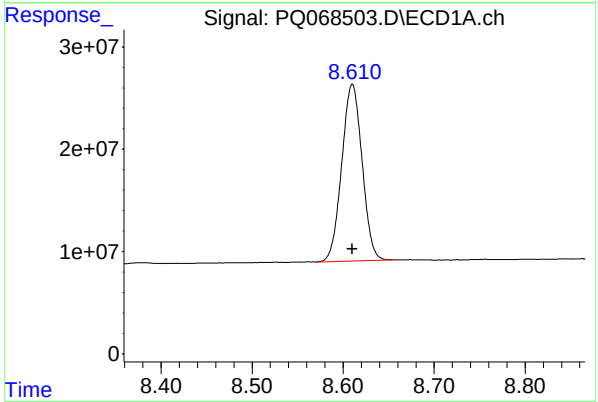
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 499672898
Conc: 75.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC750



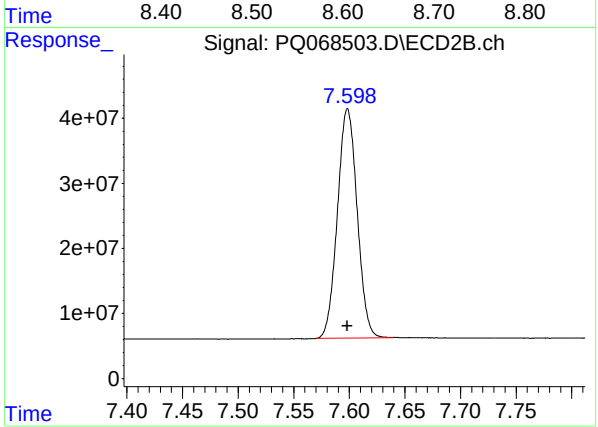
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 513088156
Conc: 75.40 ng/ml



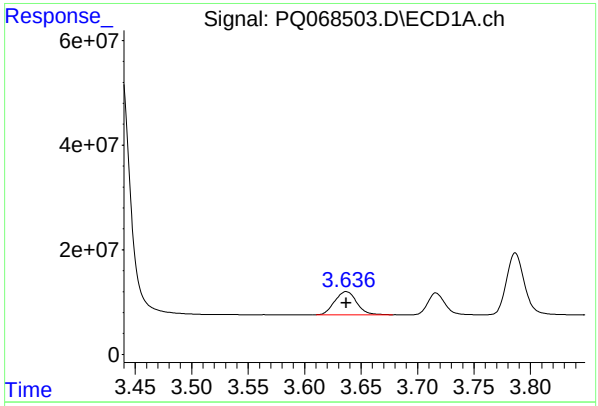
#2 Decachlorobiphenyl

R.T.: 8.610 min
Delta R.T.: 0.000 min
Response: 268644463
Conc: 75.07 ng/ml



#2 Decachlorobiphenyl

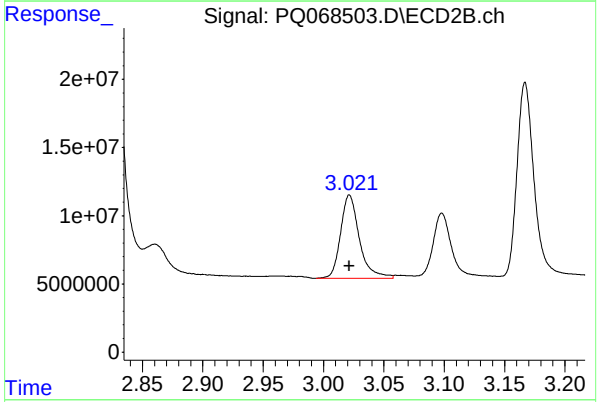
R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 435976828
Conc: 74.99 ng/ml



#8 AR-1221-1

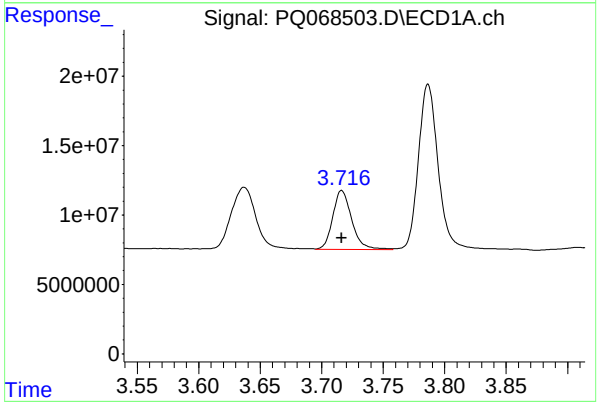
R.T.: 3.637 min
Delta R.T.: 0.000 min
Response: 60721505
Conc: 755.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC750



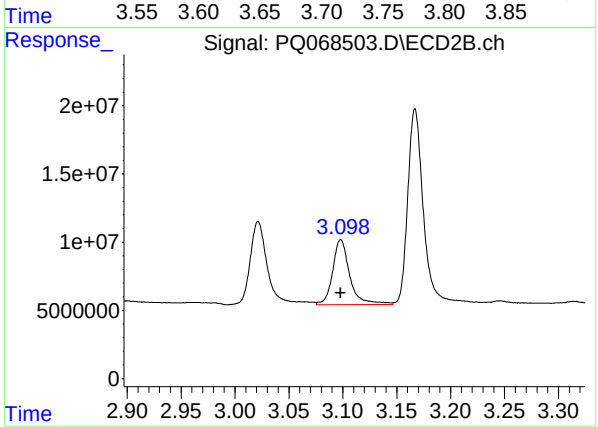
#8 AR-1221-1

R.T.: 3.022 min
Delta R.T.: 0.000 min
Response: 66166557
Conc: 764.26 ng/ml



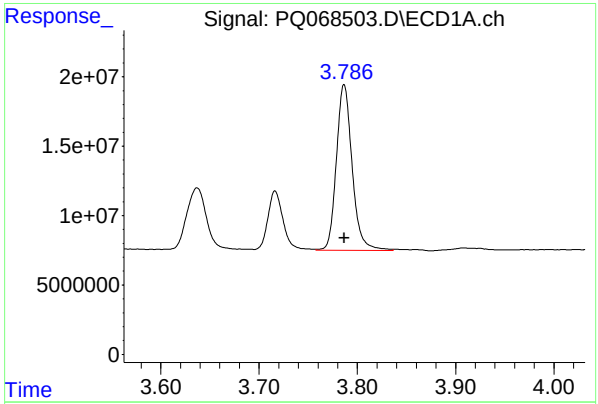
#9 AR-1221-2

R.T.: 3.716 min
Delta R.T.: 0.000 min
Response: 45266507
Conc: 768.40 ng/ml



#9 AR-1221-2

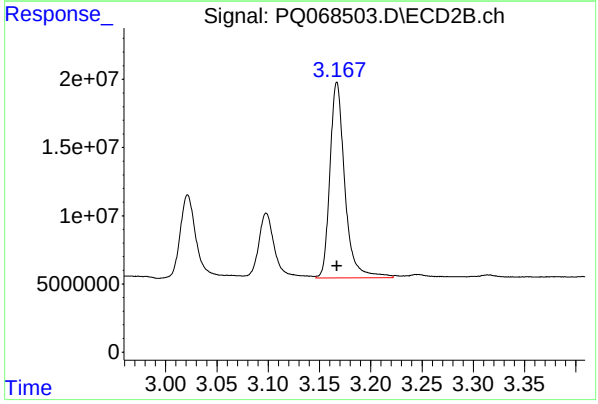
R.T.: 3.098 min
Delta R.T.: 0.000 min
Response: 52372425
Conc: 768.45 ng/ml



#10 AR-1221-3

R.T.: 3.787 min
Delta R.T.: 0.000 min
Response: 133295063
Conc: 763.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC750



#10 AR-1221-3

R.T.: 3.167 min
Delta R.T.: 0.000 min
Response: 145282905
Conc: 754.75 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091024\
Data File : PQ068504.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 11:59
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 143 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 12:34:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 10 12:34:12 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.821	343.4E6	346.0E6	50.000	50.000
2)	SA Decachlor...	8.611	7.599	184.8E6	301.1E6	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	3.638	3.021	42201354	44103899	500.000	500.000
9)	L2 AR-1221-2	3.717	3.098	30605820	34437303	500.000	500.000
10)	L2 AR-1221-3	3.786	3.167	91241920	99946742	500.000	500.000

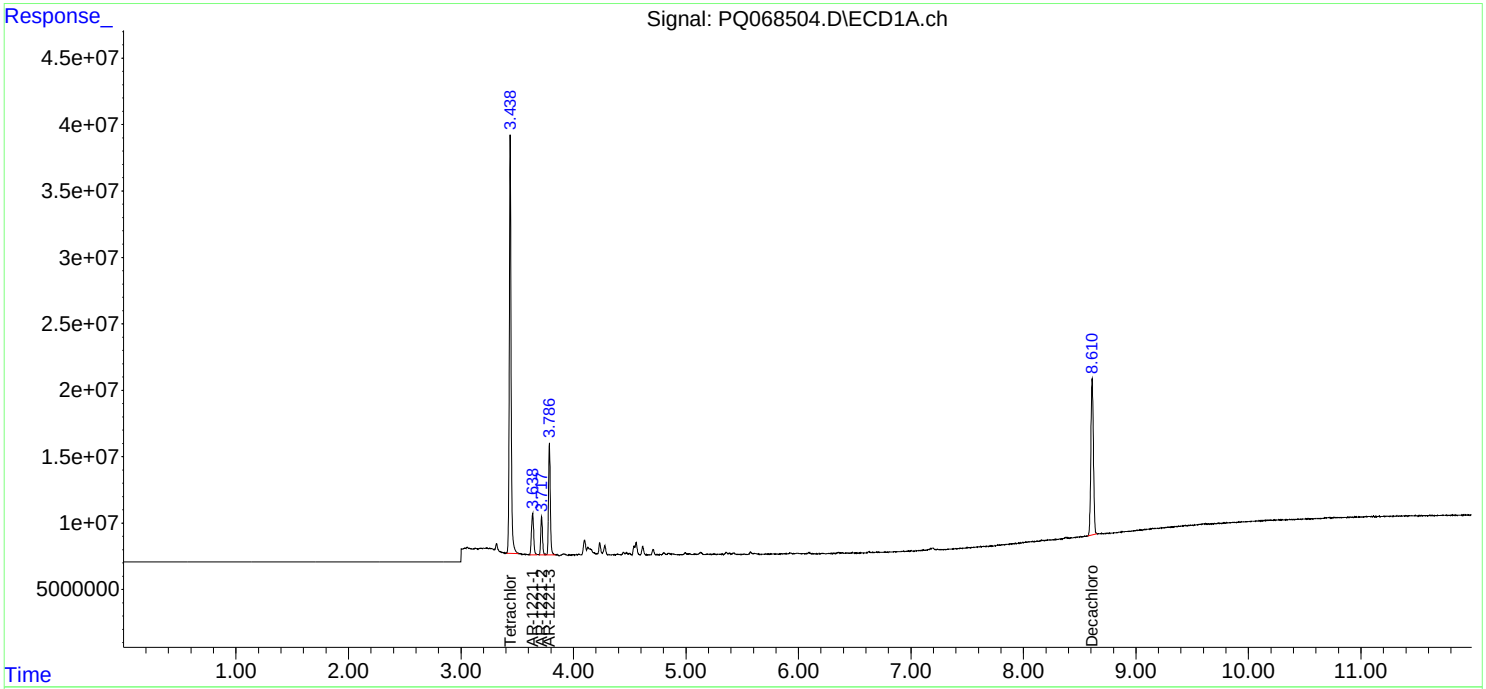
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

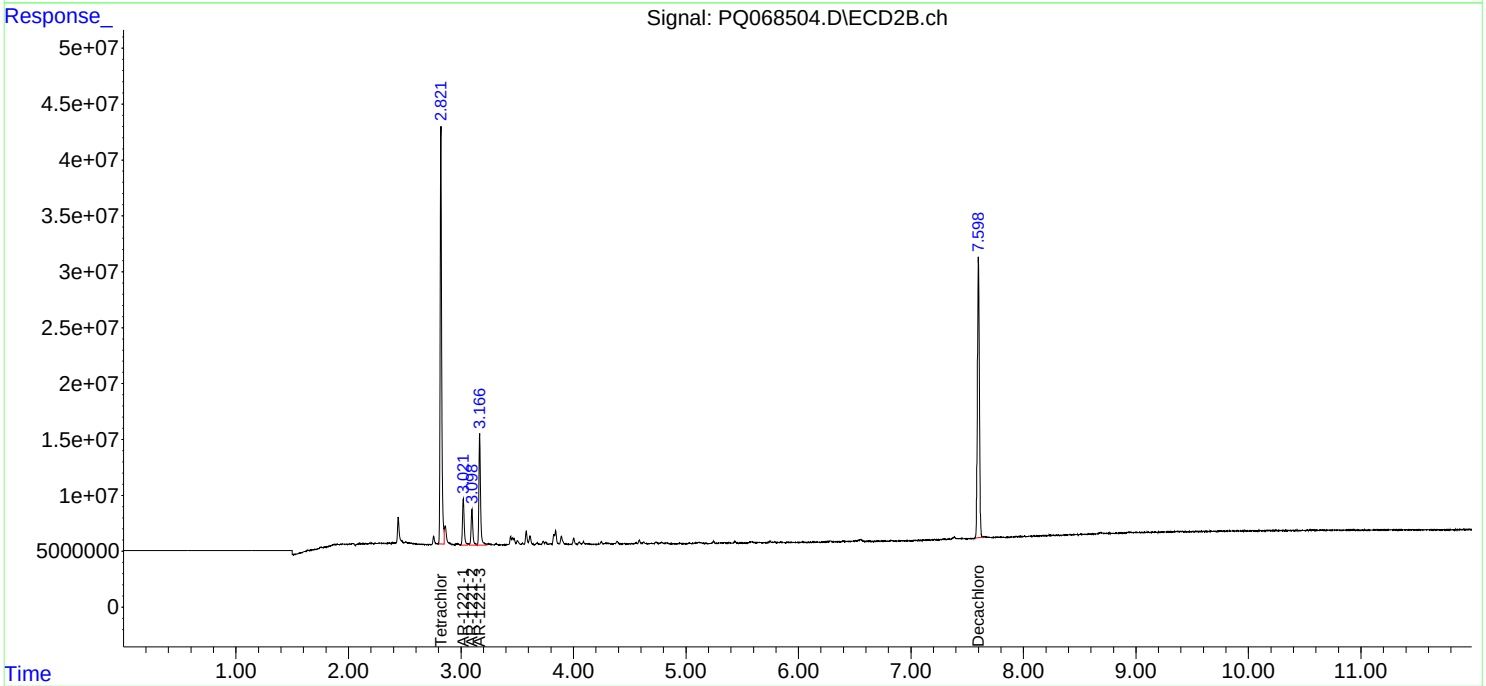
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091024\
Data File : PQ068504.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 11:59
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 143 Sample Multiplier: 1

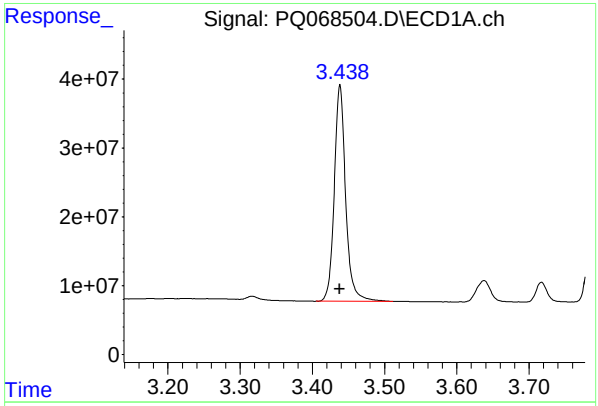
Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 12:34:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 10 12:34:12 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



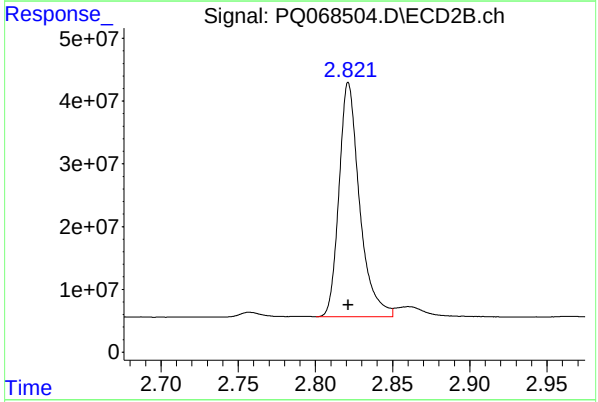




#1 Tetrachloro-m-xylene

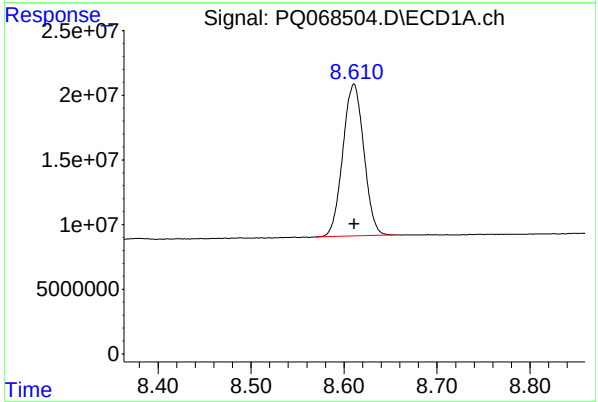
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 343399001
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500



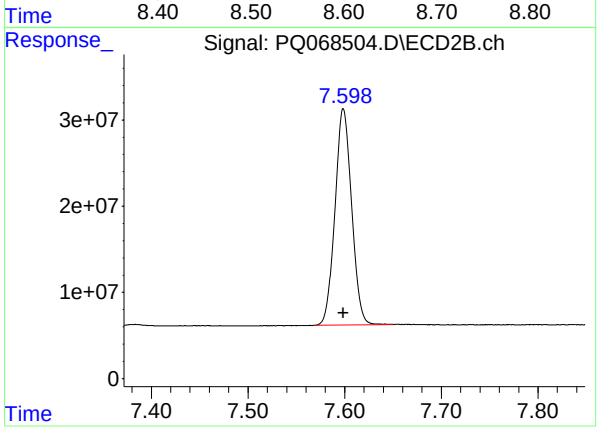
#1 Tetrachloro-m-xylene

R.T.: 2.821 min
Delta R.T.: 0.000 min
Response: 346009663
Conc: 50.00 ng/ml



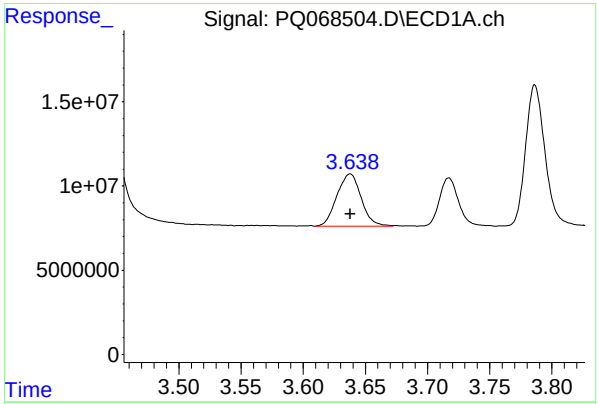
#2 Decachlorobiphenyl

R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 184778827
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

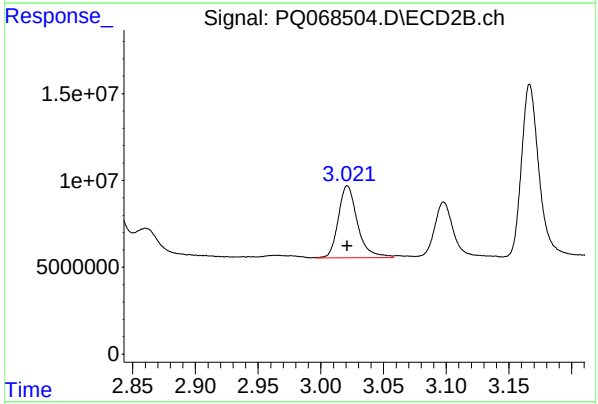
R.T.: 7.599 min
Delta R.T.: 0.000 min
Response: 301077702
Conc: 50.00 ng/ml



#8 AR-1221-1

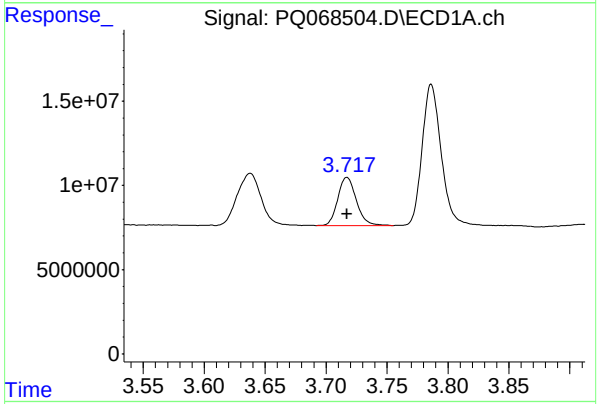
R.T.: 3.638 min
Delta R.T.: 0.000 min
Response: 42201354
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500



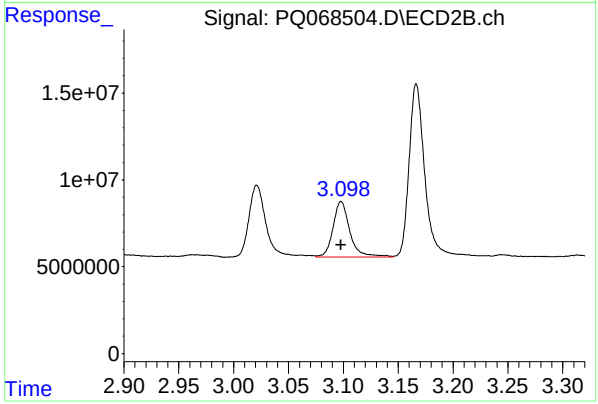
#8 AR-1221-1

R.T.: 3.021 min
Delta R.T.: 0.000 min
Response: 44103899
Conc: 500.00 ng/ml



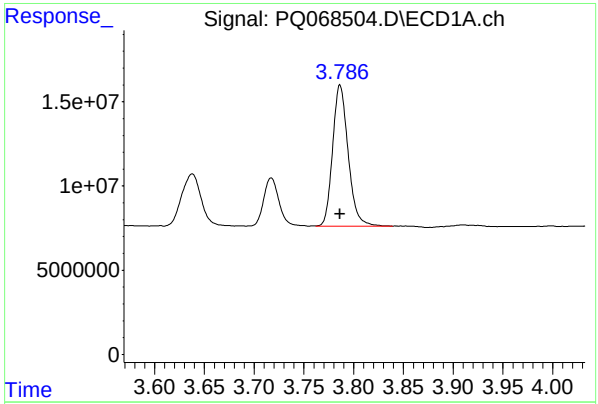
#9 AR-1221-2

R.T.: 3.717 min
Delta R.T.: 0.000 min
Response: 30605820
Conc: 500.00 ng/ml



#9 AR-1221-2

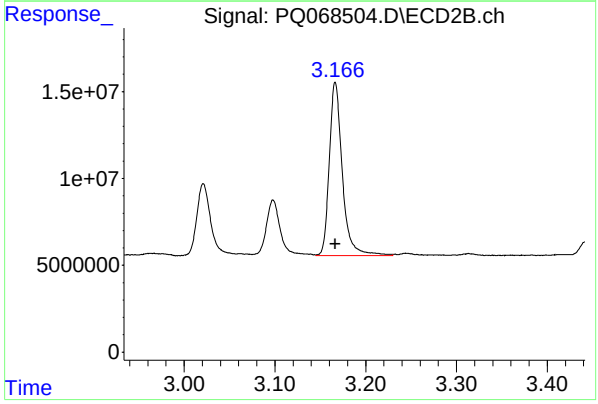
R.T.: 3.098 min
Delta R.T.: 0.000 min
Response: 34437303
Conc: 500.00 ng/ml



#10 AR-1221-3

R.T.: 3.786 min
Delta R.T.: 0.000 min
Response: 91241920
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500



#10 AR-1221-3

R.T.: 3.167 min
Delta R.T.: 0.000 min
Response: 99946742
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091024\
Data File : PQ068505.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 12:13
Operator : YP\AJ
Sample : AR1221ICC250
Misc :
ALS Vial : 144 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 12:47:48 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 10 12:45:31 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.821	177.6E6	176.4E6	26.274	25.687
2)	SA Decachlor...	8.611	7.599	94757994	157.2E6	26.093	26.502
	Target Compounds						
8)	L2 AR-1221-1	3.638	3.021	21449089	23283182	262.315	263.937
9)	L2 AR-1221-2	3.717	3.098	16013624	17509710	266.025	255.153
10)	L2 AR-1221-3	3.787	3.166	49715613	52723766	275.123	267.507

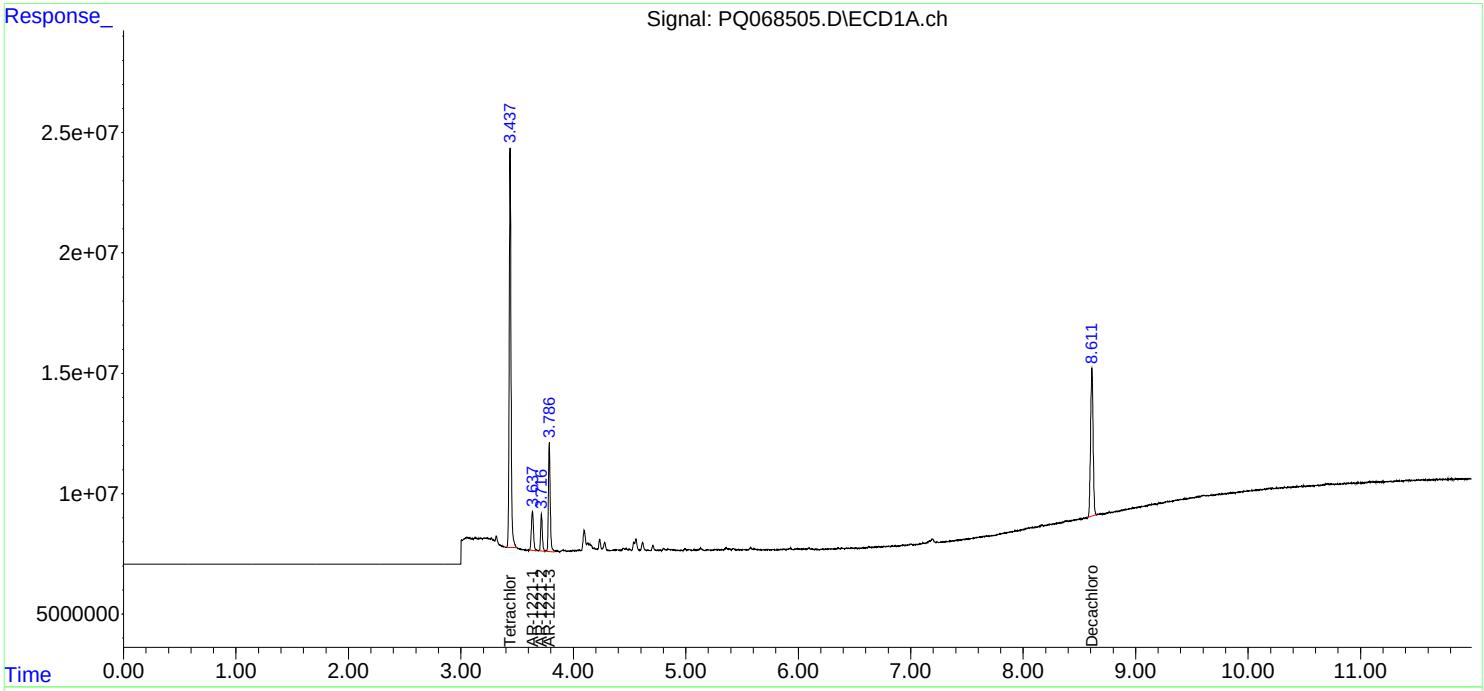
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

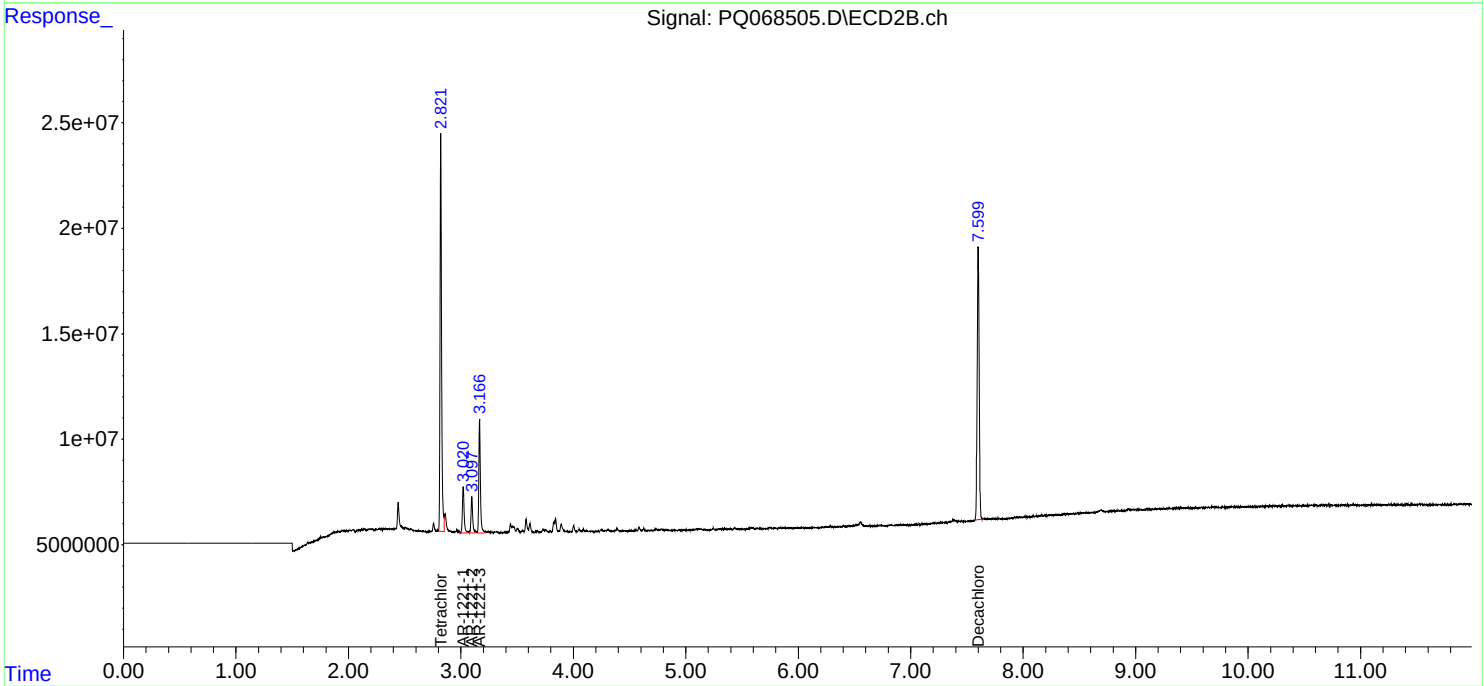
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091024\
Data File : PQ068505.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 12:13
Operator : YP\AJ
Sample : AR1221ICC250
Misc :
ALS Vial : 144 Sample Multiplier: 1

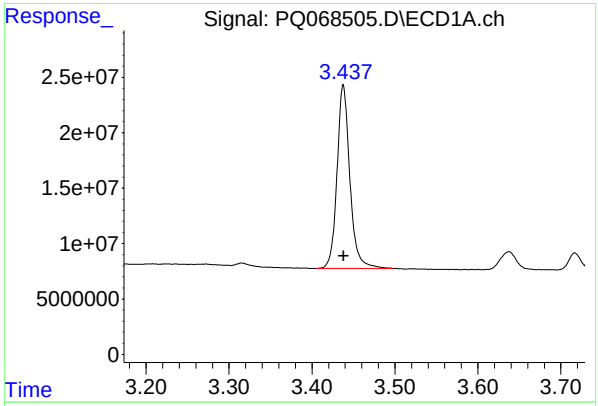
Instrument :
ECD_Q
ClientSampleId :
AR1221ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 12:47:48 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 10 12:45:31 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



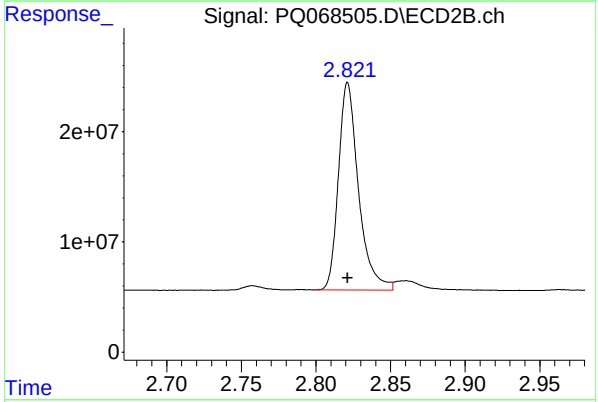




#1 Tetrachloro-m-xylene

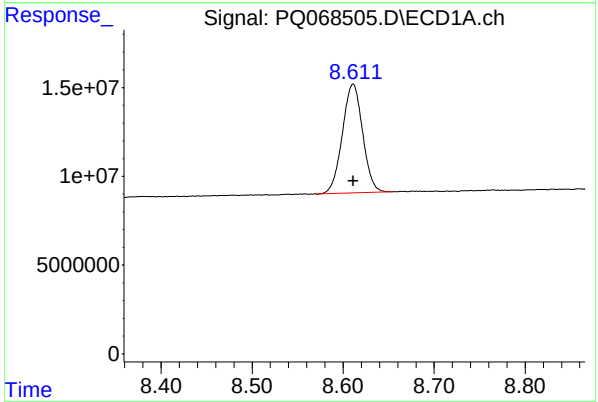
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 177576001
Conc: 26.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC250



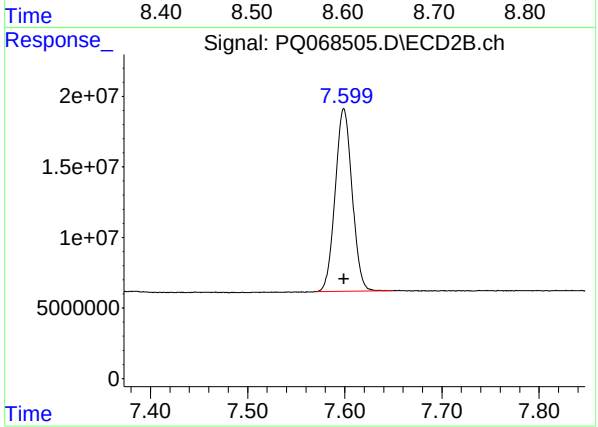
#1 Tetrachloro-m-xylene

R.T.: 2.821 min
Delta R.T.: 0.000 min
Response: 176407052
Conc: 25.69 ng/ml



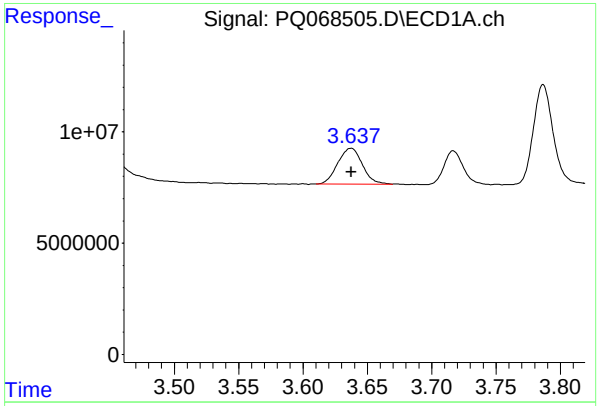
#2 Decachlorobiphenyl

R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 94757994
Conc: 26.09 ng/ml



#2 Decachlorobiphenyl

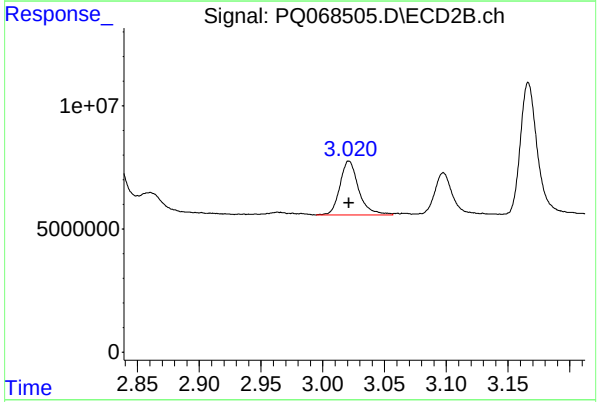
R.T.: 7.599 min
Delta R.T.: 0.000 min
Response: 157221112
Conc: 26.50 ng/ml



#8 AR-1221-1

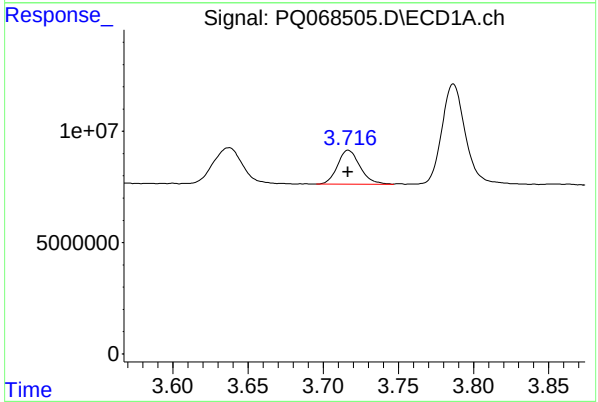
R.T.: 3.638 min
Delta R.T.: 0.000 min
Response: 21449089
Conc: 262.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC250



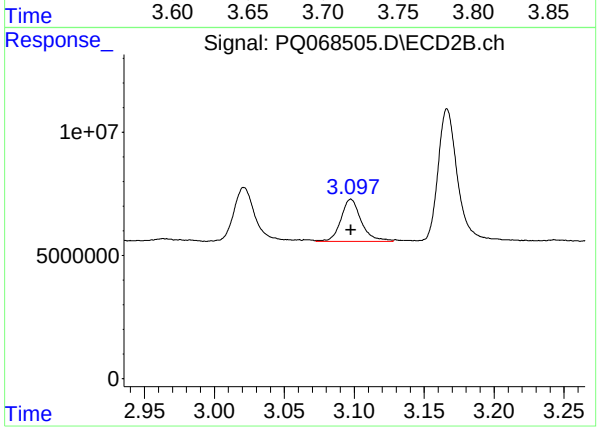
#8 AR-1221-1

R.T.: 3.021 min
Delta R.T.: 0.000 min
Response: 23283182
Conc: 263.94 ng/ml



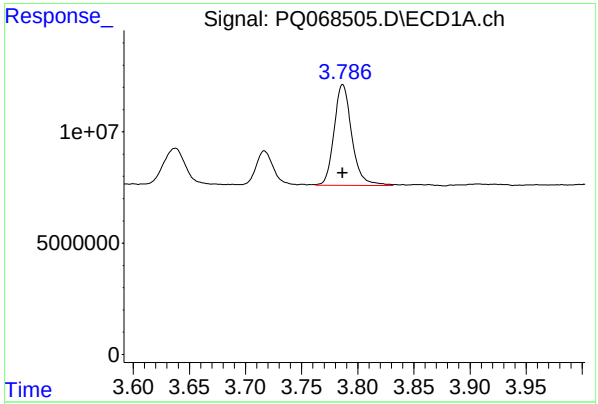
#9 AR-1221-2

R.T.: 3.717 min
Delta R.T.: 0.000 min
Response: 16013624
Conc: 266.03 ng/ml



#9 AR-1221-2

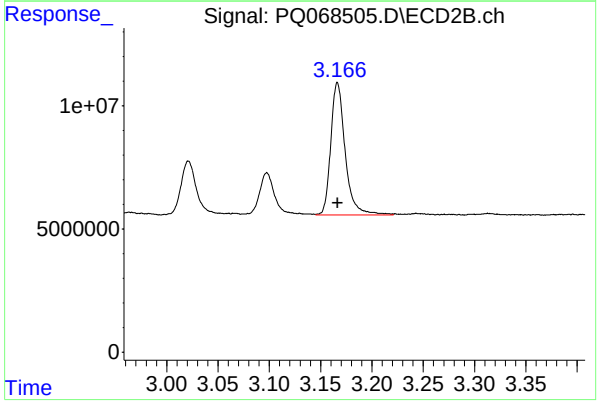
R.T.: 3.098 min
Delta R.T.: 0.000 min
Response: 17509710
Conc: 255.15 ng/ml



#10 AR-1221-3

R.T.: 3.787 min
Delta R.T.: 0.000 min
Response: 49715613
Conc: 275.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC250



#10 AR-1221-3

R.T.: 3.166 min
Delta R.T.: 0.000 min
Response: 52723766
Conc: 267.51 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091024\
Data File : PQ068506.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 12:28
Operator : YP\AJ
Sample : AR1221ICC050
Misc :
ALS Vial : 145 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 12:51:54 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 10 12:45:31 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	32409248	31796623	4.835	4.699
2)	SA Decachlor...	8.612	7.598	16884010	29590125	4.715	4.990
	Target Compounds						
8)	L2 AR-1221-1	3.638	3.021	3813823	4569473	47.277	51.429
9)	L2 AR-1221-2	3.718	3.099	3025277	3412993	50.206	49.787
10)	L2 AR-1221-3	3.787	3.167	9216384	9993356	50.799	50.561

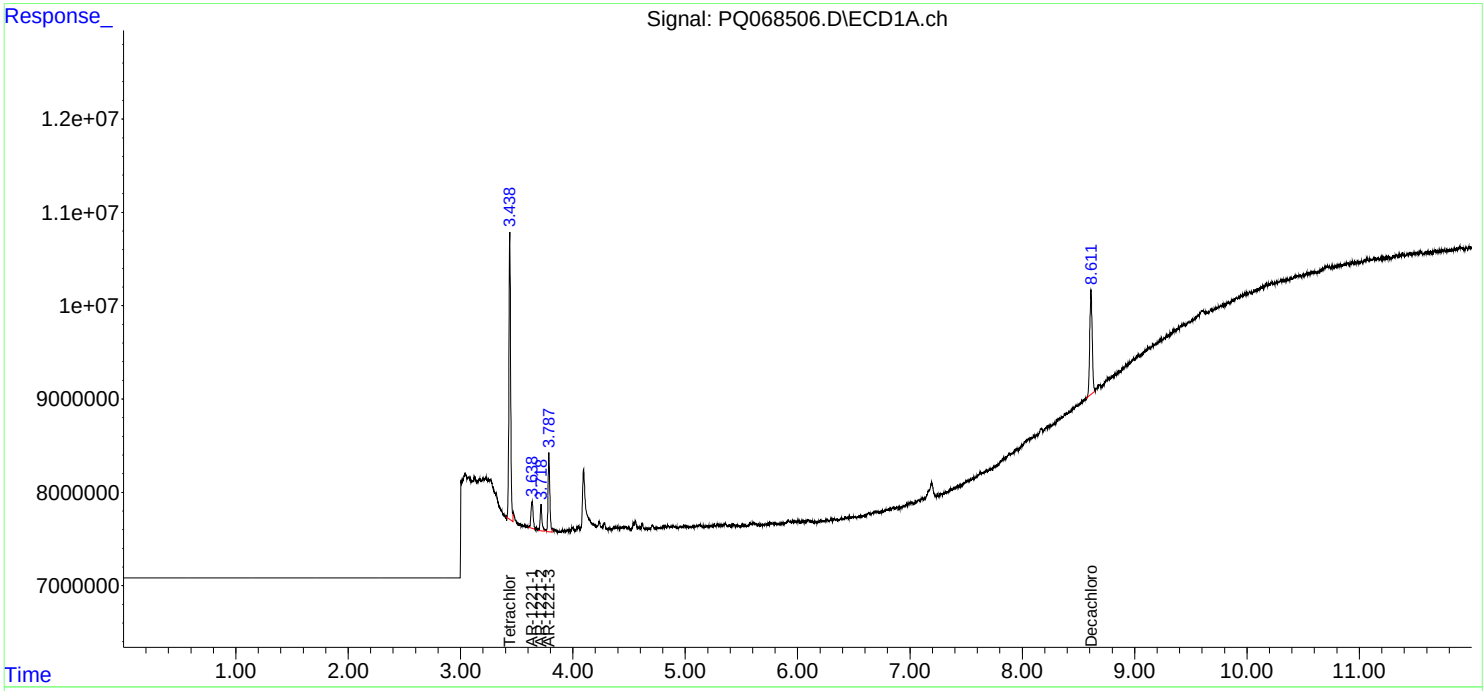
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

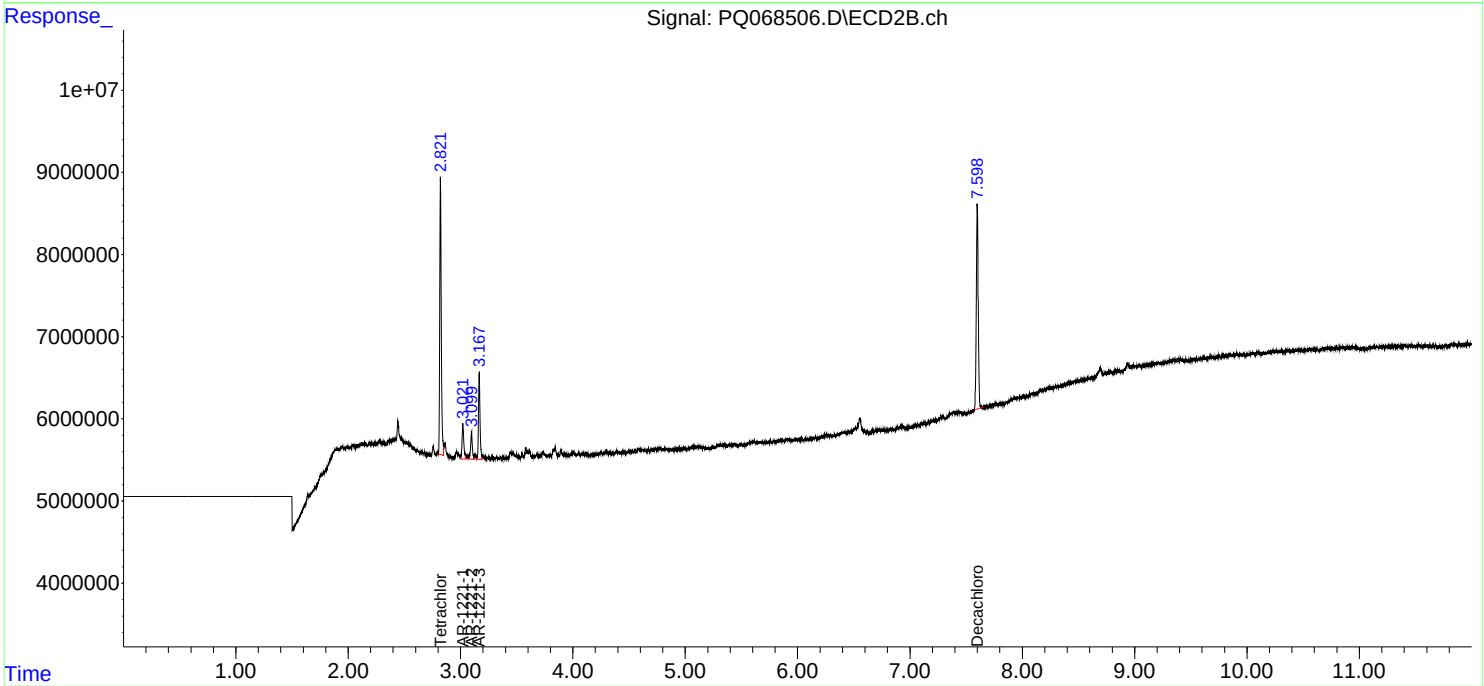
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091024\
Data File : PQ068506.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 12:28
Operator : YP\AJ
Sample : AR1221ICC050
Misc :
ALS Vial : 145 Sample Multiplier: 1

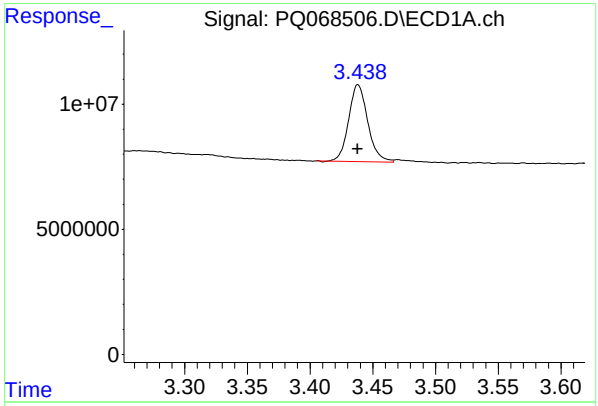
Instrument :
ECD_Q
ClientSampleId :
AR1221ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 12:51:54 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 10 12:45:31 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



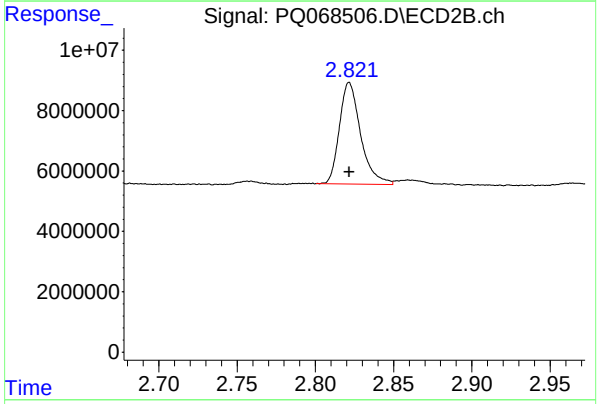




#1 Tetrachloro-m-xylene

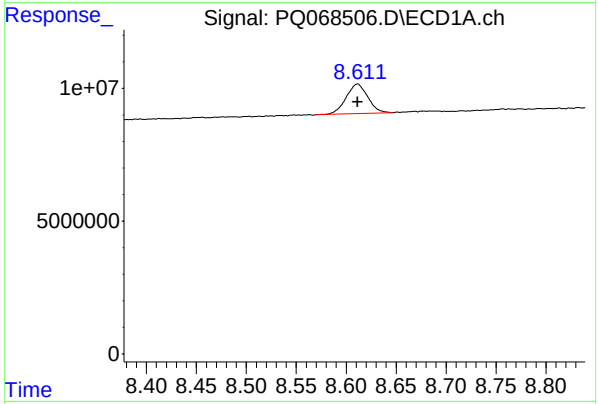
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 32409248
Conc: 4.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC050



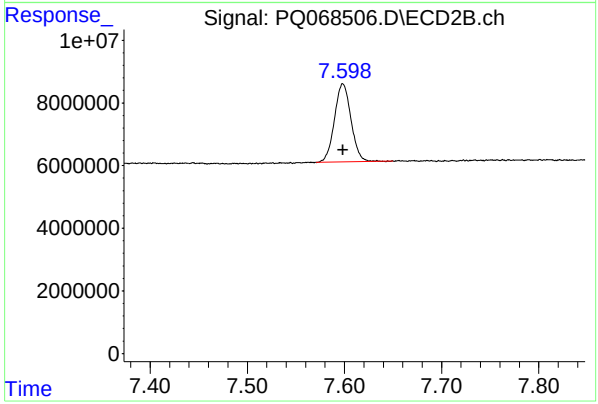
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 31796623
Conc: 4.70 ng/ml



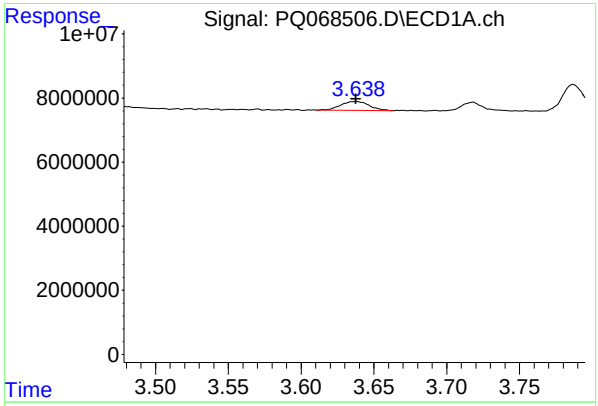
#2 Decachlorobiphenyl

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 16884010
Conc: 4.72 ng/ml



#2 Decachlorobiphenyl

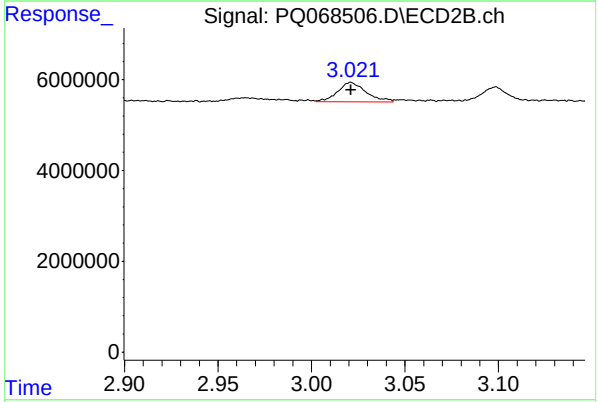
R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 29590125
Conc: 4.99 ng/ml



#8 AR-1221-1

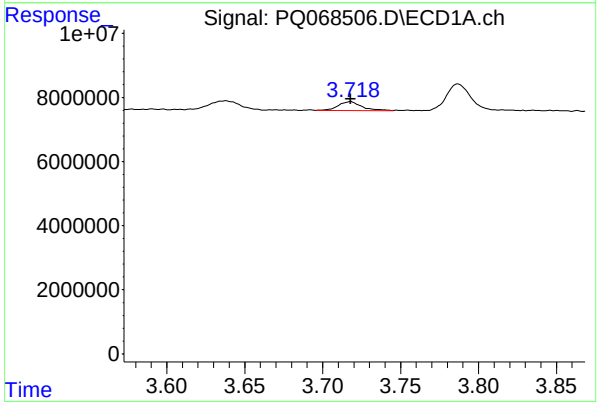
R.T.: 3.638 min
Delta R.T.: 0.000 min
Response: 3813823
Conc: 47.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC050



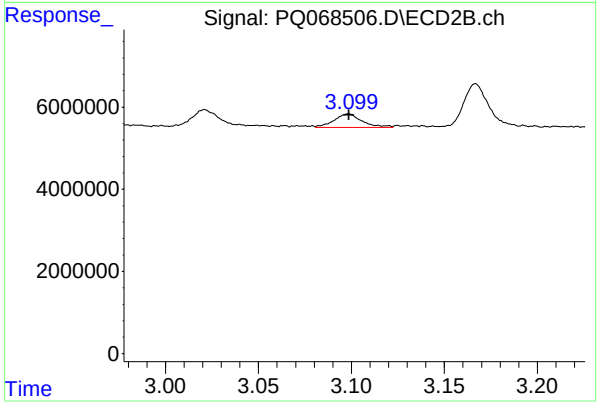
#8 AR-1221-1

R.T.: 3.021 min
Delta R.T.: 0.000 min
Response: 4569473
Conc: 51.43 ng/ml



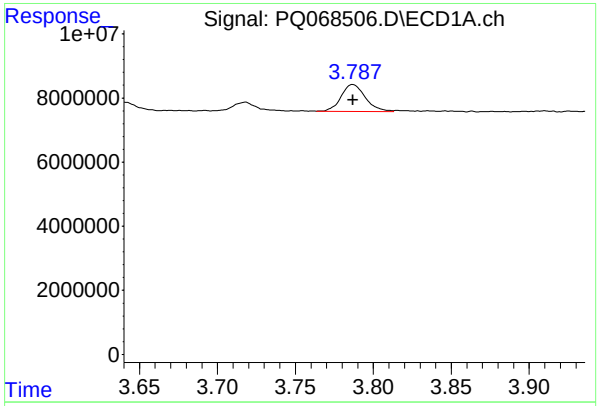
#9 AR-1221-2

R.T.: 3.718 min
Delta R.T.: 0.000 min
Response: 3025277
Conc: 50.21 ng/ml



#9 AR-1221-2

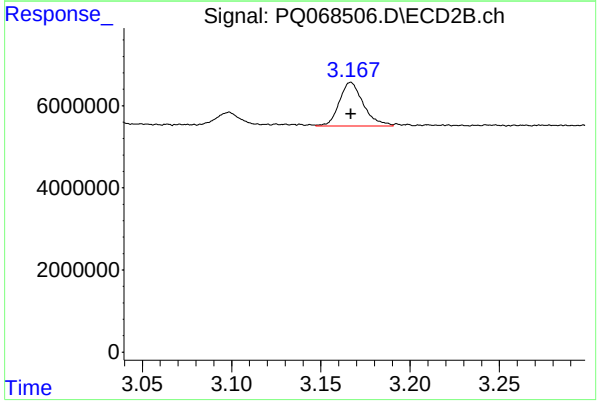
R.T.: 3.099 min
Delta R.T.: 0.000 min
Response: 3412993
Conc: 49.79 ng/ml



#10 AR-1221-3

R.T.: 3.787 min
Delta R.T.: 0.000 min
Response: 9216384
Conc: 50.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC050



#10 AR-1221-3

R.T.: 3.167 min
Delta R.T.: 0.000 min
Response: 9993356
Conc: 50.56 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091024\
Data File : PQ068507.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 12:43
Operator : YP\AJ
Sample : AR1221ICV500
Misc :
ALS Vial : 146 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ICVPQ091024AR1221

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 12:57:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 10 12:53:21 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.821	337.0E6	339.6E6	50.277	50.193
2)	SA Decachlor...	8.609	7.598	179.5E6	291.0E6	50.124	49.073
	Target Compounds						
8)	L2 AR-1221-1	3.638	3.021	41131660	44719855	509.876	503.320
9)	L2 AR-1221-2	3.717	3.098	30598192	34731472	507.788	506.648
10)	L2 AR-1221-3	3.787	3.166	91873074	98065925	506.388	496.165

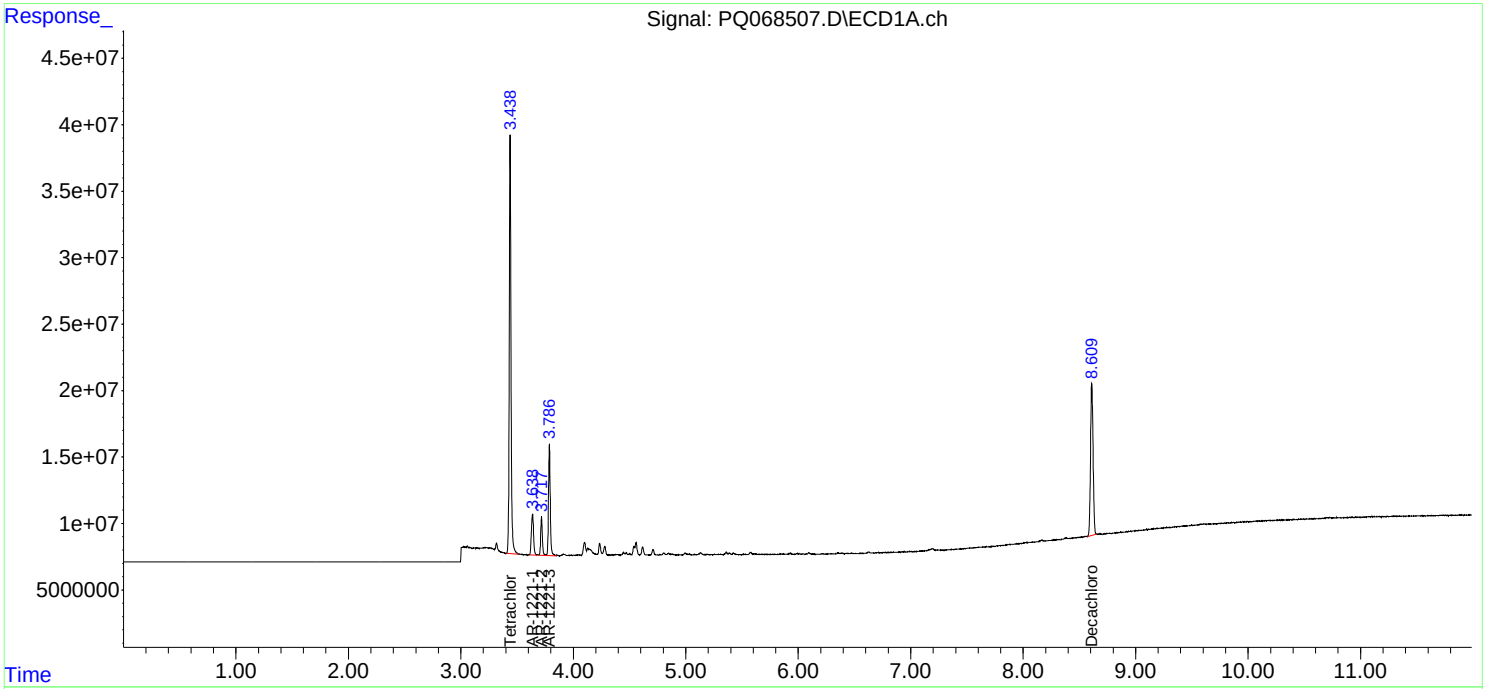
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

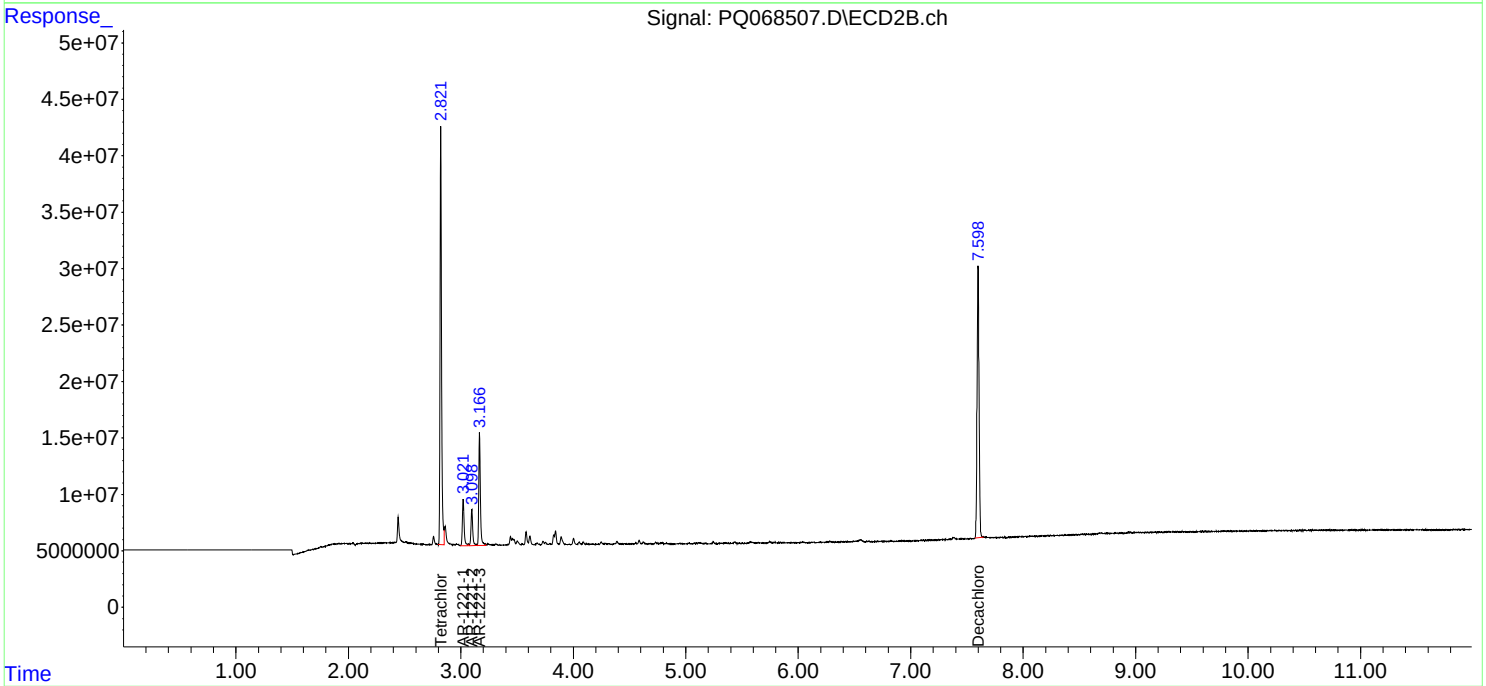
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091024\
Data File : PQ068507.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 12:43
Operator : YP\AJ
Sample : AR1221ICV500
Misc :
ALS Vial : 146 Sample Multiplier: 1

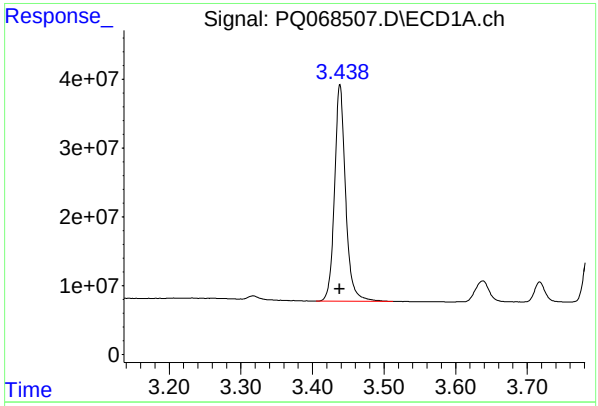
Instrument :
ECD_Q
ClientSampleId :
ICVPQ091024AR1221

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 12:57:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 10 12:53:21 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



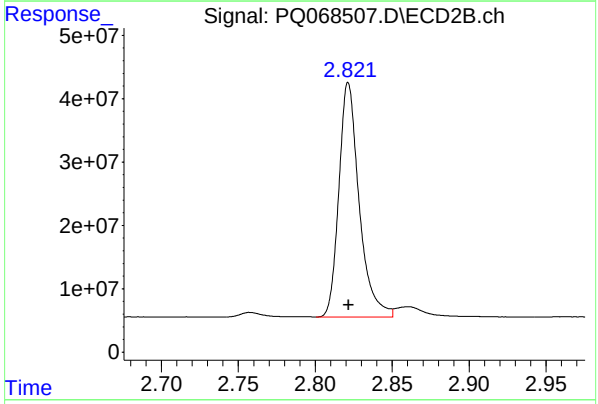




#1 Tetrachloro-m-xylene

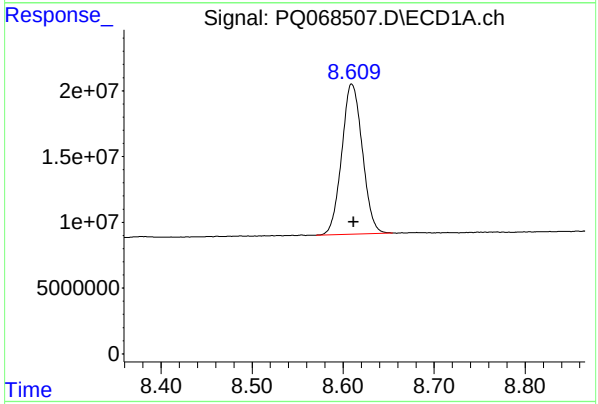
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 337019489
Conc: 50.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ091024AR1221



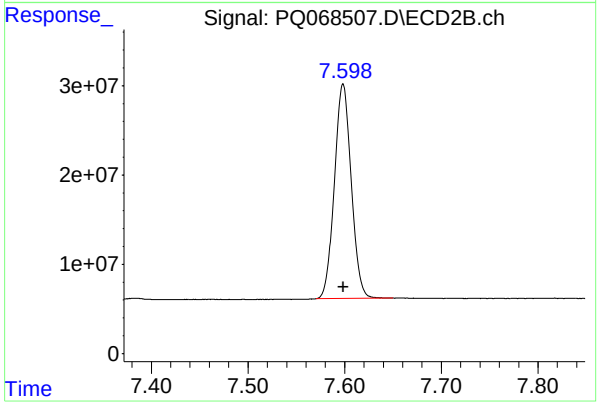
#1 Tetrachloro-m-xylene

R.T.: 2.821 min
Delta R.T.: 0.000 min
Response: 339608225
Conc: 50.19 ng/ml



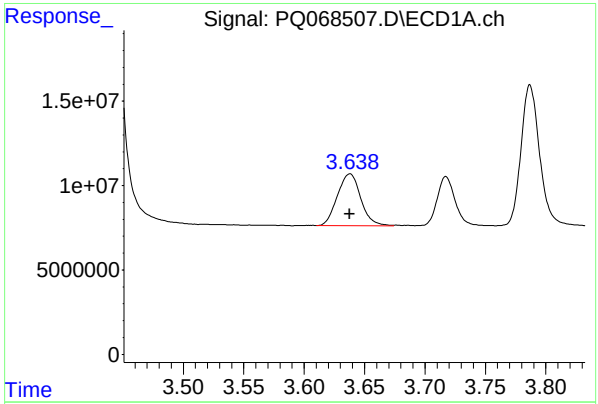
#2 Decachlorobiphenyl

R.T.: 8.609 min
Delta R.T.: -0.002 min
Response: 179474274
Conc: 50.12 ng/ml



#2 Decachlorobiphenyl

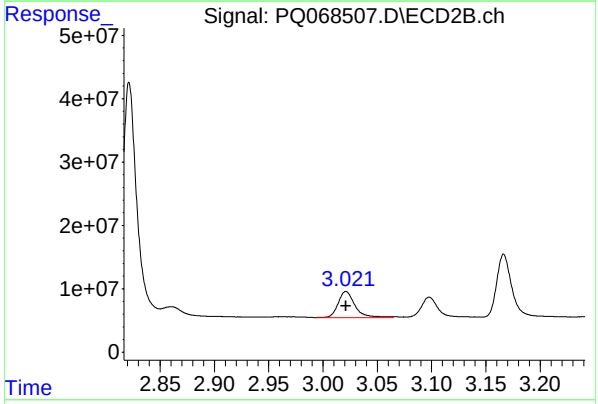
R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 290981367
Conc: 49.07 ng/ml



#8 AR-1221-1

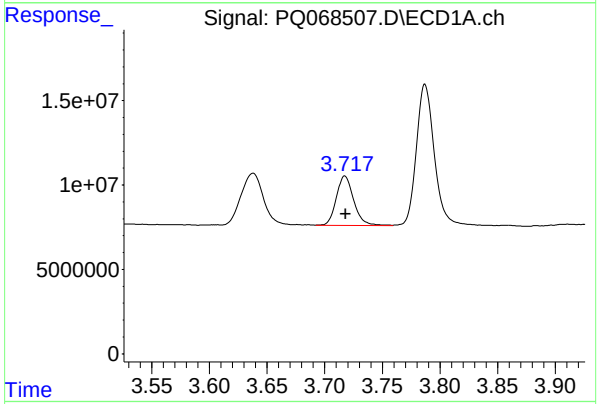
R.T.: 3.638 min
Delta R.T.: 0.000 min
Response: 41131660
Conc: 509.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ091024AR1221



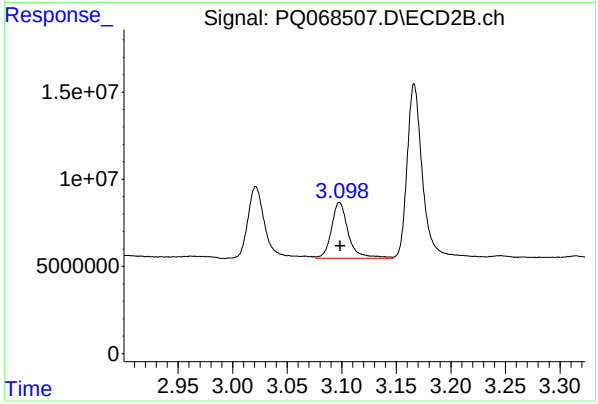
#8 AR-1221-1

R.T.: 3.021 min
Delta R.T.: 0.000 min
Response: 44719855
Conc: 503.32 ng/ml



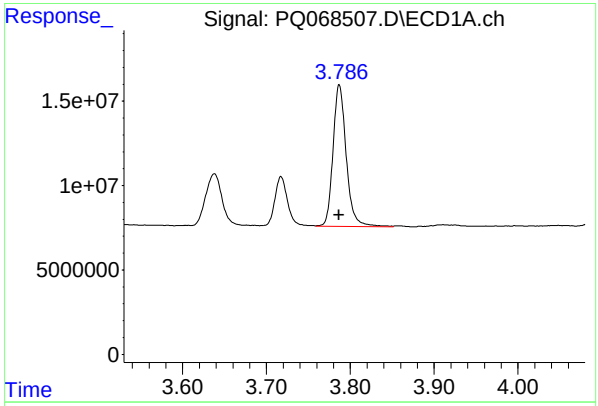
#9 AR-1221-2

R.T.: 3.717 min
Delta R.T.: 0.000 min
Response: 30598192
Conc: 507.79 ng/ml



#9 AR-1221-2

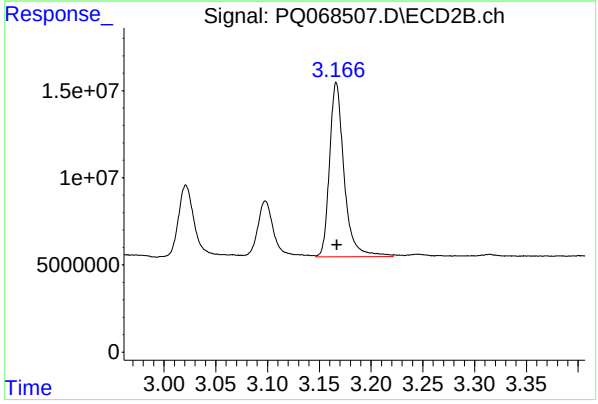
R.T.: 3.098 min
Delta R.T.: 0.000 min
Response: 34731472
Conc: 506.65 ng/ml



#10 AR-1221-3

R.T.: 3.787 min
Delta R.T.: 0.000 min
Response: 91873074
Conc: 506.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ091024AR1221



#10 AR-1221-3

R.T.: 3.166 min
Delta R.T.: 0.000 min
Response: 98065925
Conc: 496.17 ng/ml

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3845 **SAS No.:** P3845 **SDG NO.:** P3845

Continuing Calib Date: 09/10/2024 **Initial Calibration Date(s):** 09/06/2024 09/06/2024

Continuing Calib Time: 02:43 **Initial Calibration Time(s):** 13:44 20:18

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.54	4.54	4.44	4.64	0.00
Aroclor-1016-2	(2)	4.56	4.56	4.46	4.66	0.00
Aroclor-1016-3	(3)	4.62	4.62	4.52	4.72	0.00
Aroclor-1016-4	(4)	4.71	4.71	4.61	4.81	0.00
Aroclor-1016-5	(5)	4.99	4.99	4.89	5.09	0.00
Aroclor-1260-1	(1)	6.10	6.09	5.99	6.19	0.00
Aroclor-1260-2	(2)	6.35	6.35	6.25	6.45	0.00
Aroclor-1260-3	(3)	6.71	6.71	6.61	6.81	0.00
Aroclor-1260-4	(4)	6.93	6.92	6.82	7.02	-0.01
Aroclor-1260-5	(5)	7.24	7.23	7.13	7.33	-0.01
Tetrachloro-m-xylene		3.44	3.44	3.34	3.54	0.00
Decachlorobiphenyl		8.61	8.61	8.51	8.71	0.00

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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3845 **SAS No.:** P3845 **SDG NO.:** P3845

Continuing Calib Date: 09/10/2024 **Initial Calibration Date(s):** 09/06/2024 09/06/2024

Continuing Calib Time: 02:43 **Initial Calibration Time(s):** 13:44 20:18

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	3.83	3.83	3.73	3.93	0.00
Aroclor-1016-2	(2)	3.84	3.84	3.74	3.94	0.00
Aroclor-1016-3	(3)	4.00	4.01	3.91	4.11	0.01
Aroclor-1016-4	(4)	4.05	4.05	3.95	4.15	0.00
Aroclor-1016-5	(5)	4.25	4.25	4.15	4.35	0.00
Aroclor-1260-1	(1)	5.25	5.25	5.15	5.35	0.01
Aroclor-1260-2	(2)	5.44	5.44	5.34	5.54	0.00
Aroclor-1260-3	(3)	5.58	5.58	5.48	5.68	0.00
Aroclor-1260-4	(4)	6.04	6.04	5.94	6.14	0.00
Aroclor-1260-5	(5)	6.29	6.29	6.19	6.39	0.01
Tetrachloro-m-xylene		2.82	2.82	2.72	2.92	0.00
Decachlorobiphenyl		7.60	7.60	7.50	7.70	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3845 **SAS No.:** P3845 **SDG NO.:** P3845

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 09/06/2024 09/06/2024

Client Sample No.: CCAL01 **Date Analyzed:** 09/10/2024

Lab Sample No.: AR1660CCC500 **Data File :** PQ068471.D **Time Analyzed:** 02:43

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.539	4.438	4.638	479.970	500.000	-4.0
Aroclor-1016-2	4.558	4.457	4.657	469.840	500.000	-6.0
Aroclor-1016-3	4.616	4.515	4.715	473.260	500.000	-5.3
Aroclor-1016-4	4.708	4.607	4.807	469.610	500.000	-6.1
Aroclor-1016-5	4.994	4.893	5.093	476.090	500.000	-4.8
Aroclor-1260-1	6.095	5.994	6.194	446.900	500.000	-10.6
Aroclor-1260-2	6.354	6.253	6.453	446.280	500.000	-10.7
Aroclor-1260-3	6.708	6.607	6.807	439.660	500.000	-12.1
Aroclor-1260-4	6.925	6.823	7.023	434.210	500.000	-13.2
Aroclor-1260-5	7.235	7.134	7.334	424.720	500.000	-15.1
Decachlorobiphenyl	8.611	8.510	8.710	44.360	50.000	-11.3
Tetrachloro-m-xylene	3.439	3.338	3.538	49.870	50.000	-0.3

Alliance TECHNICAL GROUP

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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3845 **SAS No.:** P3845 **SDG NO.:** P3845

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/06/2024 09/06/2024

Client Sample No.: CCAL01 **Date Analyzed:** 09/10/2024

Lab Sample No.: AR1660CCC500 **Data File :** PQ068471.D **Time Analyzed:** 02:43

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.827	3.727	3.927	531.020	500.000	6.2
Aroclor-1016-2	3.843	3.743	3.943	522.500	500.000	4.5
Aroclor-1016-3	4.004	3.905	4.105	524.740	500.000	4.9
Aroclor-1016-4	4.052	3.953	4.153	530.160	500.000	6.0
Aroclor-1016-5	4.249	4.149	4.349	529.080	500.000	5.8
Aroclor-1260-1	5.245	5.146	5.346	506.780	500.000	1.4
Aroclor-1260-2	5.436	5.336	5.536	513.750	500.000	2.8
Aroclor-1260-3	5.577	5.478	5.678	511.670	500.000	2.3
Aroclor-1260-4	6.039	5.939	6.139	511.170	500.000	2.2
Aroclor-1260-5	6.285	6.185	6.385	502.950	500.000	0.6
Decachlorobiphenyl	7.599	7.500	7.700	48.360	50.000	-3.3
Tetrachloro-m-xylene	2.822	2.722	2.922	52.490	50.000	5.0

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090924\
Data File : PQ068471.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 02:43
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 07:05:31 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 07:27:42 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.439	2.822	356.1E6	373.9E6	49.865	52.493
2)	SA Decachlor...	8.611	7.599	193.3E6	319.3E6	44.359	48.358
	Target Compounds						
3)	L1 AR-1016-1	4.539	3.827	112.2E6	126.1E6	479.970	531.025
4)	L1 AR-1016-2	4.558	3.843	172.5E6	188.8E6	469.842	522.501
5)	L1 AR-1016-3	4.616	4.004	107.0E6	101.9E6	473.262	524.745
6)	L1 AR-1016-4	4.708	4.052	89410651	85619685	469.610	530.162
7)	L1 AR-1016-5	4.994	4.249	84175721	102.2E6	476.090	529.083
31)	L7 AR-1260-1	6.095	5.245	148.6E6	194.6E6	446.897	506.777
32)	L7 AR-1260-2	6.354	5.436	167.3E6	234.2E6	446.285	513.748
33)	L7 AR-1260-3	6.708	5.577	103.3E6	223.0E6	439.655	511.675
34)	L7 AR-1260-4	6.925	6.039	120.3E6	164.2E6	434.214	511.175
35)	L7 AR-1260-5	7.235	6.285	227.0E6	366.5E6	424.718	502.950

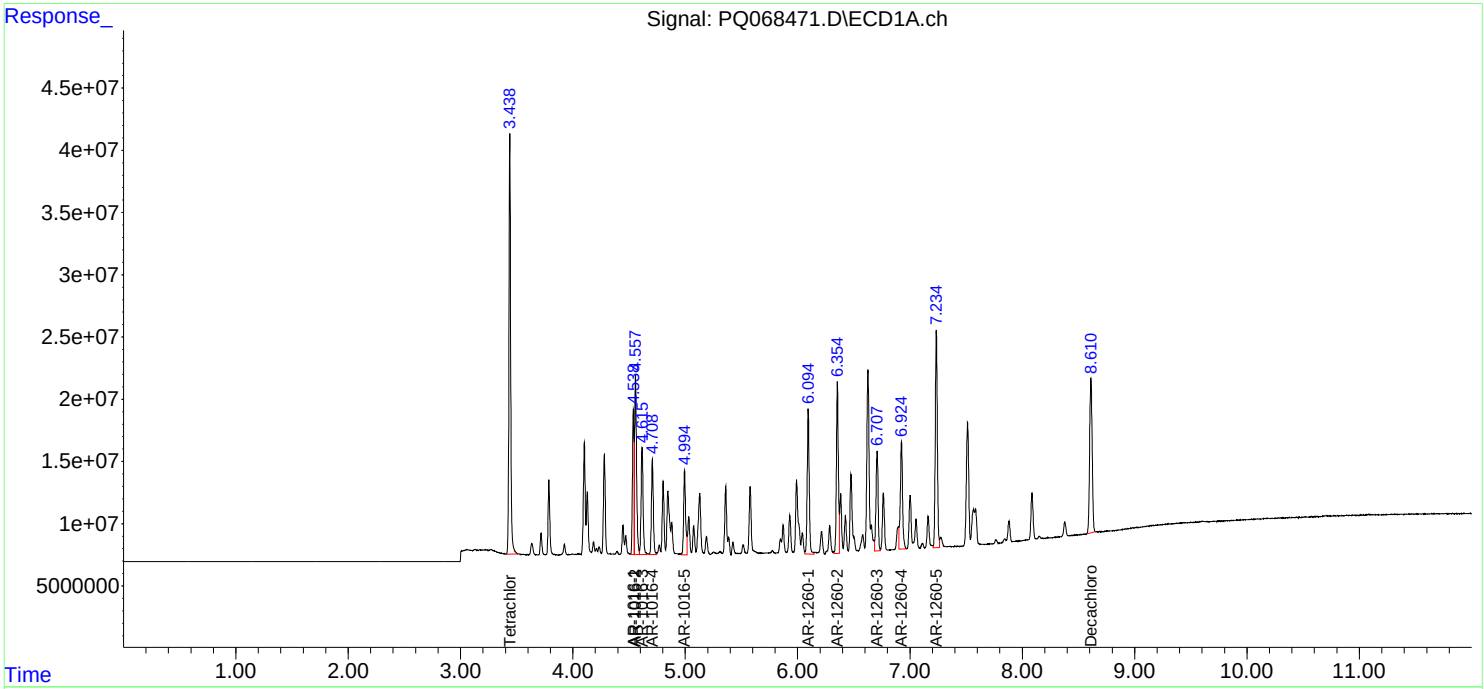
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

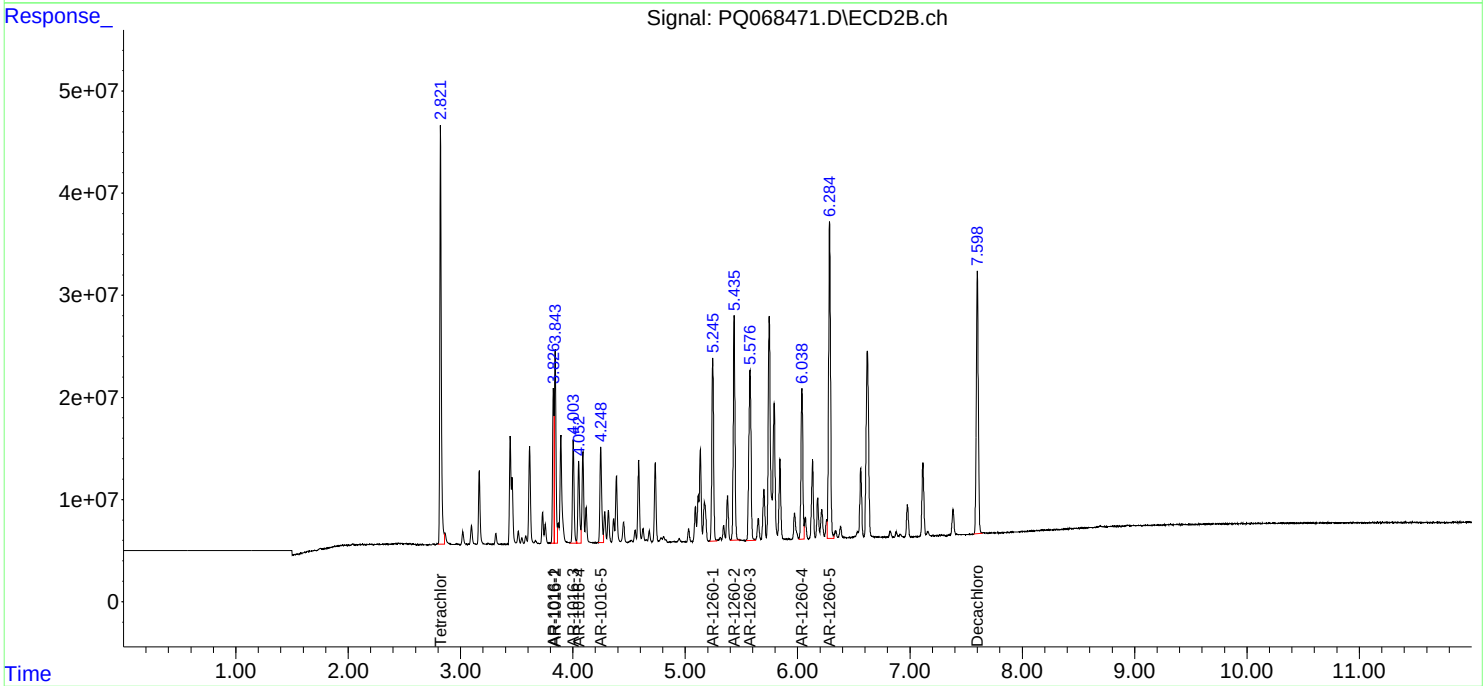
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090924\
Data File : PQ068471.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 02:43
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

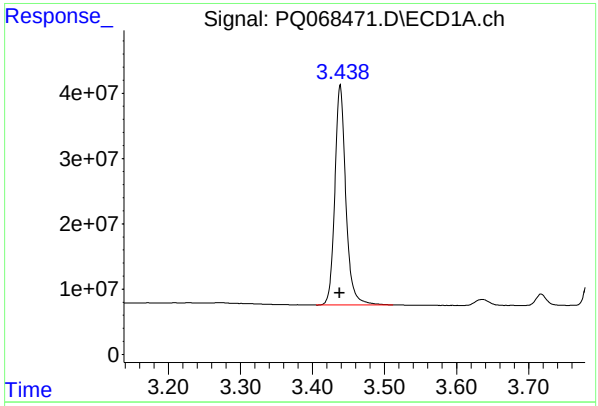
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 07:05:31 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 07:27:42 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



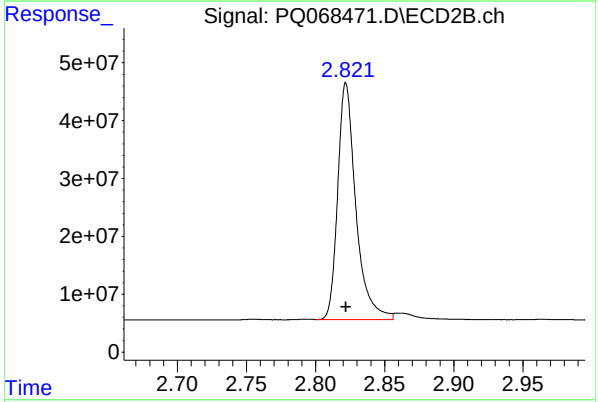




#1 Tetrachloro-m-xylene

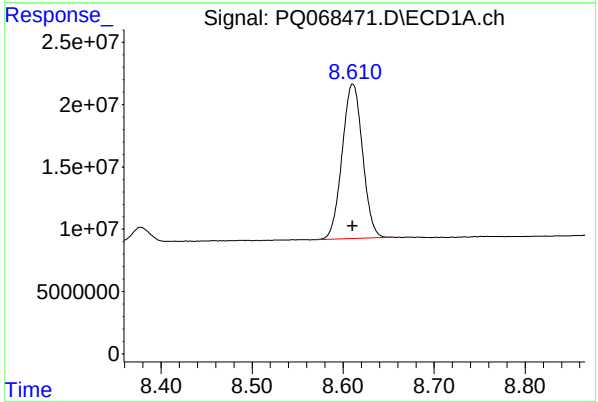
R.T.: 3.439 min
Delta R.T.: 0.000 min
Response: 356069488
Conc: 49.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



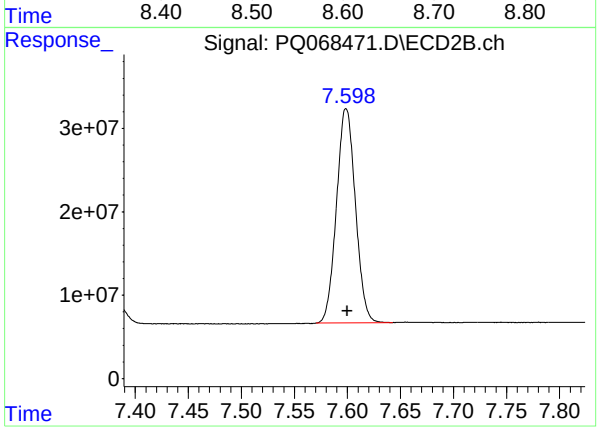
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 373874343
Conc: 52.49 ng/ml



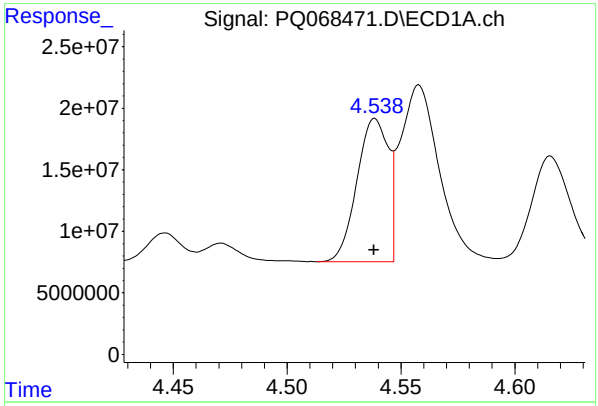
#2 Decachlorobiphenyl

R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 193329489
Conc: 44.36 ng/ml



#2 Decachlorobiphenyl

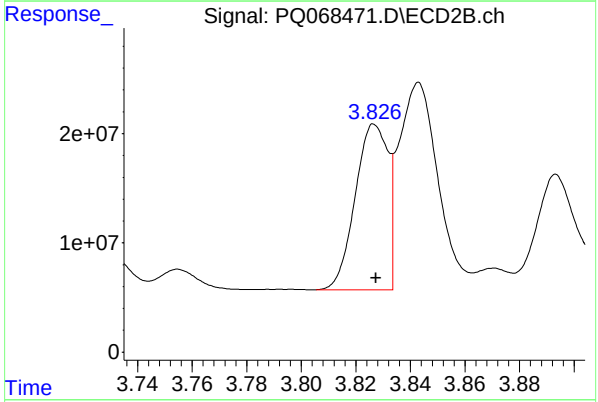
R.T.: 7.599 min
Delta R.T.: -0.001 min
Response: 319349789
Conc: 48.36 ng/ml



#3 AR-1016-1

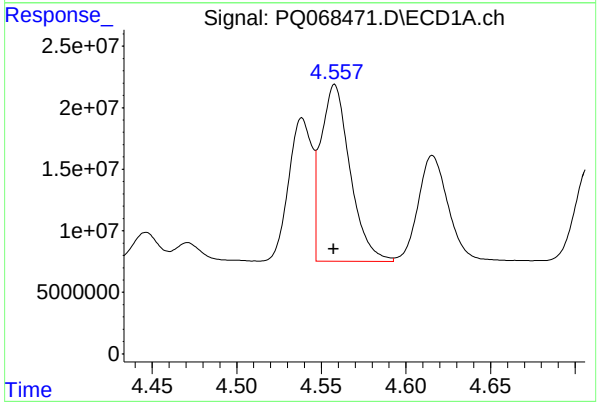
R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 112152282
Conc: 479.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



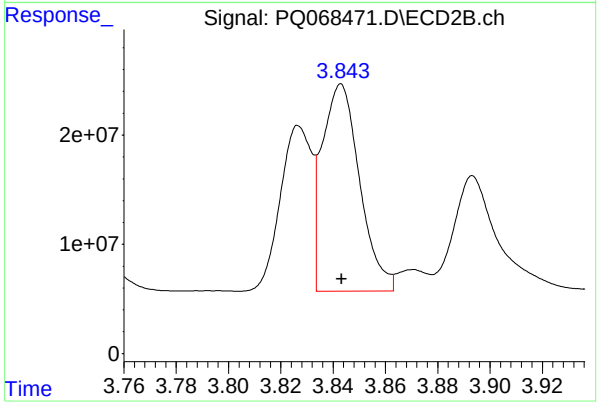
#3 AR-1016-1

R.T.: 3.827 min
Delta R.T.: 0.000 min
Response: 126102306
Conc: 531.02 ng/ml



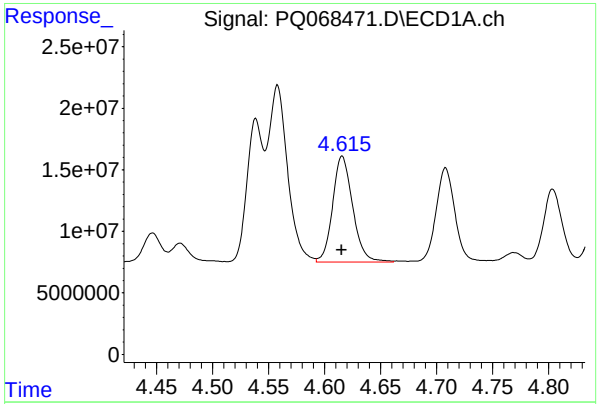
#4 AR-1016-2

R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 172505684
Conc: 469.84 ng/ml



#4 AR-1016-2

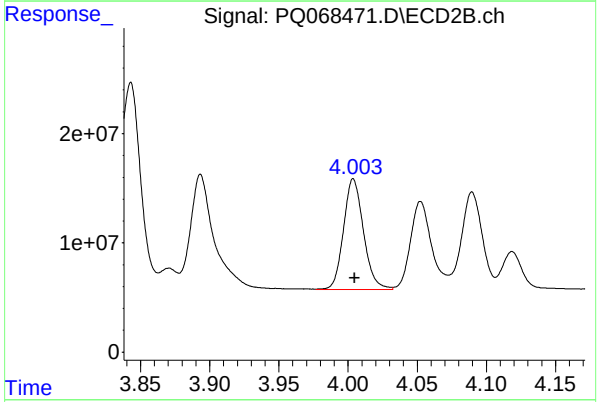
R.T.: 3.843 min
Delta R.T.: 0.000 min
Response: 188806989
Conc: 522.50 ng/ml



#5 AR-1016-3

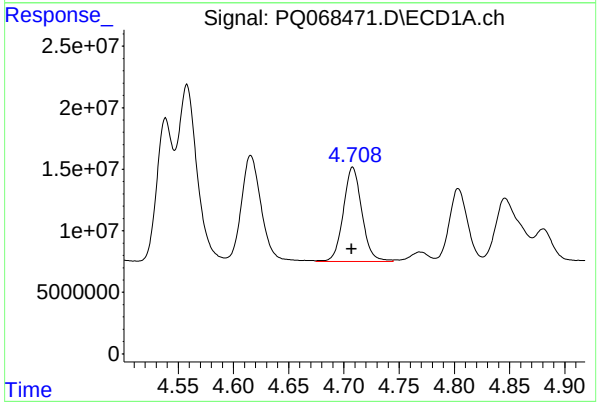
R.T.: 4.616 min
Delta R.T.: 0.000 min
Response: 106973587
Conc: 473.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



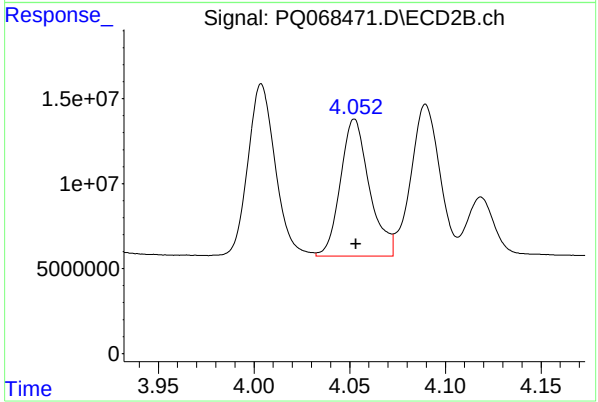
#5 AR-1016-3

R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 101922660
Conc: 524.74 ng/ml



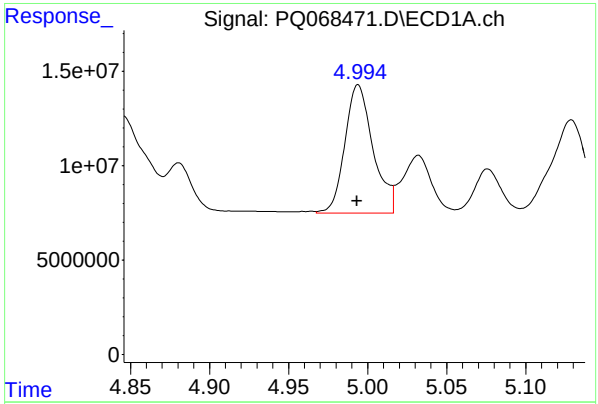
#6 AR-1016-4

R.T.: 4.708 min
Delta R.T.: 0.001 min
Response: 89410651
Conc: 469.61 ng/ml



#6 AR-1016-4

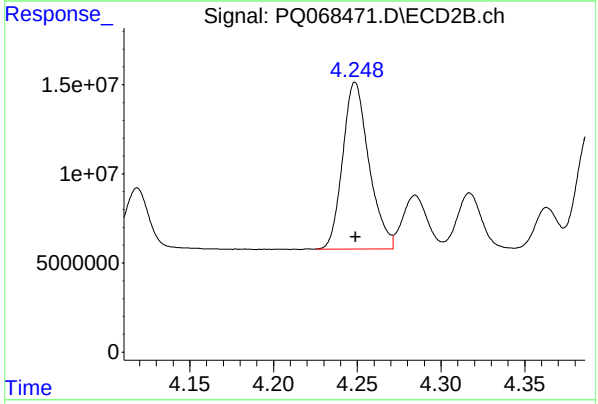
R.T.: 4.052 min
Delta R.T.: 0.000 min
Response: 85619685
Conc: 530.16 ng/ml



#7 AR-1016-5

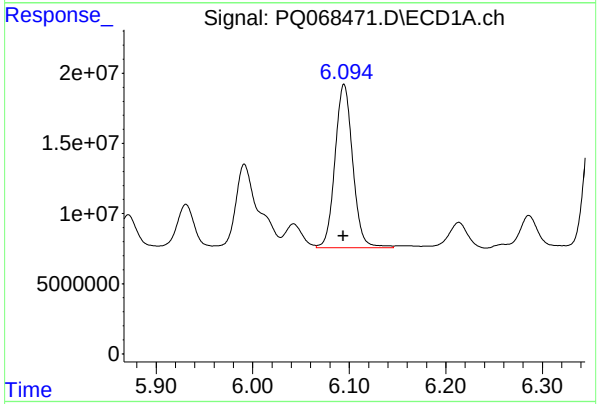
R.T.: 4.994 min
Delta R.T.: 0.000 min
Response: 84175721
Conc: 476.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



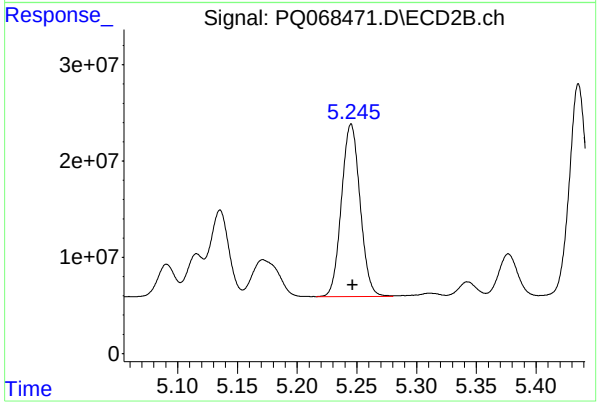
#7 AR-1016-5

R.T.: 4.249 min
Delta R.T.: 0.000 min
Response: 102192534
Conc: 529.08 ng/ml



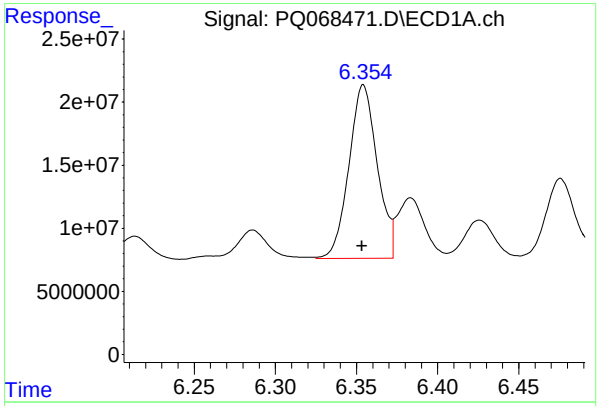
#31 AR-1260-1

R.T.: 6.095 min
Delta R.T.: 0.000 min
Response: 148615569
Conc: 446.90 ng/ml



#31 AR-1260-1

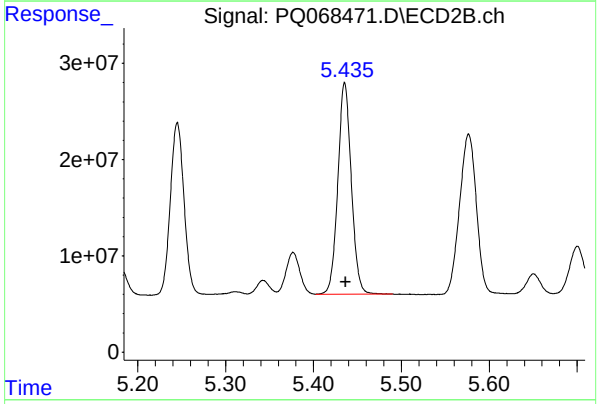
R.T.: 5.245 min
Delta R.T.: -0.001 min
Response: 194594440
Conc: 506.78 ng/ml



#32 AR-1260-2

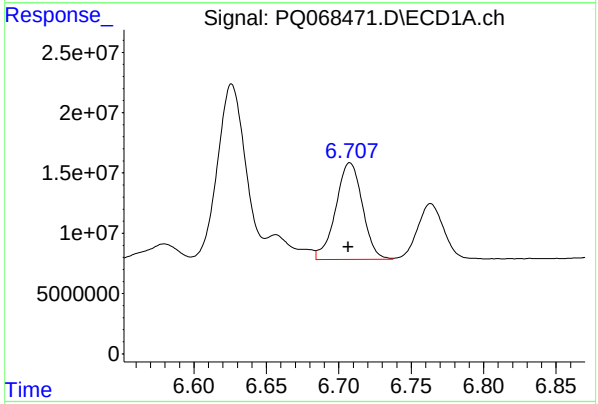
R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 167279697
Conc: 446.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



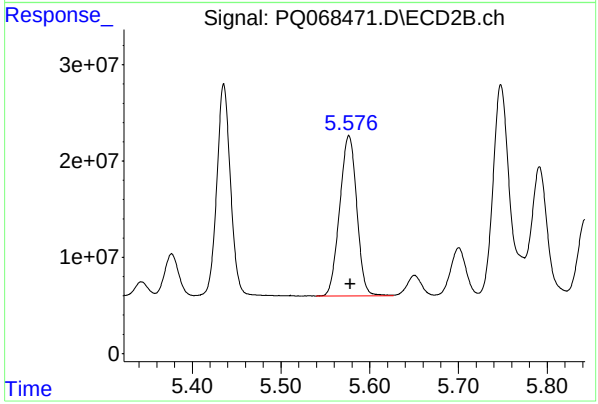
#32 AR-1260-2

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 234165142
Conc: 513.75 ng/ml



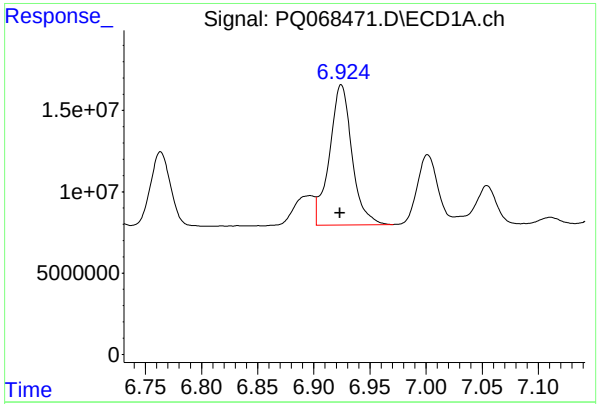
#33 AR-1260-3

R.T.: 6.708 min
Delta R.T.: 0.001 min
Response: 103323704
Conc: 439.66 ng/ml



#33 AR-1260-3

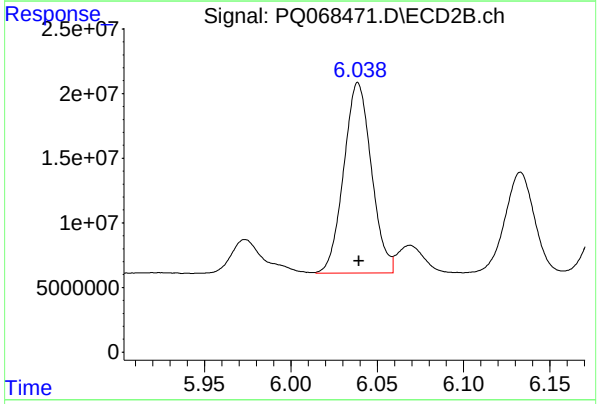
R.T.: 5.577 min
Delta R.T.: -0.002 min
Response: 222995624
Conc: 511.67 ng/ml



#34 AR-1260-4

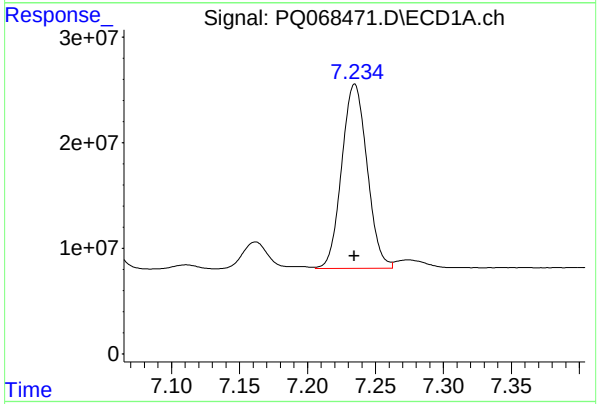
R.T.: 6.925 min
Delta R.T.: 0.001 min
Response: 120323786
Conc: 434.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



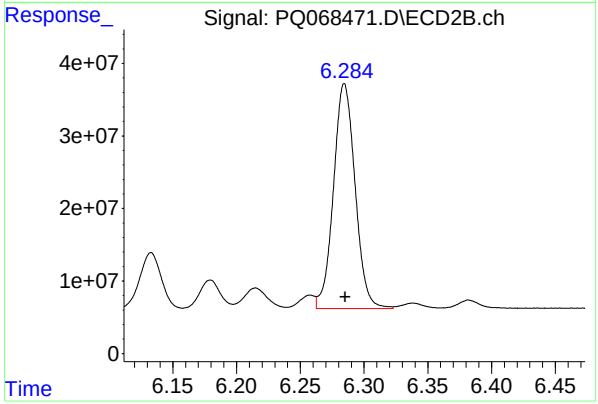
#34 AR-1260-4

R.T.: 6.039 min
Delta R.T.: 0.000 min
Response: 164237941
Conc: 511.17 ng/ml



#35 AR-1260-5

R.T.: 7.235 min
Delta R.T.: 0.000 min
Response: 226994187
Conc: 424.72 ng/ml



#35 AR-1260-5

R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 366514533
Conc: 502.95 ng/ml

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3845 **SAS No.:** P3845 **SDG NO.:** P3845

Continuing Calib Date: 09/10/2024 **Initial Calibration Date(s):** 09/06/2024 09/06/2024

Continuing Calib Time: 07:20 **Initial Calibration Time(s):** 13:44 20:18

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.54	4.54	4.44	4.64	0.00
Aroclor-1016-2	(2)	4.56	4.56	4.46	4.66	0.00
Aroclor-1016-3	(3)	4.62	4.62	4.52	4.72	0.01
Aroclor-1016-4	(4)	4.71	4.71	4.61	4.81	0.00
Aroclor-1016-5	(5)	4.99	4.99	4.89	5.09	0.00
Aroclor-1260-1	(1)	6.09	6.09	5.99	6.19	0.00
Aroclor-1260-2	(2)	6.35	6.35	6.25	6.45	0.00
Aroclor-1260-3	(3)	6.71	6.71	6.61	6.81	0.00
Aroclor-1260-4	(4)	6.92	6.92	6.82	7.02	0.00
Aroclor-1260-5	(5)	7.24	7.23	7.13	7.33	-0.01
Tetrachloro-m-xylene		3.44	3.44	3.34	3.54	0.00
Decachlorobiphenyl		8.61	8.61	8.51	8.71	0.00

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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3845 **SAS No.:** P3845 **SDG NO.:** P3845

Continuing Calib Date: 09/10/2024 **Initial Calibration Date(s):** 09/06/2024 09/06/2024

Continuing Calib Time: 07:20 **Initial Calibration Time(s):** 13:44 20:18

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	3.83	3.83	3.73	3.93	0.00
Aroclor-1016-2	(2)	3.84	3.84	3.74	3.94	0.00
Aroclor-1016-3	(3)	4.00	4.01	3.91	4.11	0.01
Aroclor-1016-4	(4)	4.05	4.05	3.95	4.15	0.00
Aroclor-1016-5	(5)	4.25	4.25	4.15	4.35	0.00
Aroclor-1260-1	(1)	5.25	5.25	5.15	5.35	0.00
Aroclor-1260-2	(2)	5.44	5.44	5.34	5.54	0.00
Aroclor-1260-3	(3)	5.58	5.58	5.48	5.68	0.00
Aroclor-1260-4	(4)	6.04	6.04	5.94	6.14	0.00
Aroclor-1260-5	(5)	6.29	6.29	6.19	6.39	0.01
Tetrachloro-m-xylene		2.82	2.82	2.72	2.92	0.00
Decachlorobiphenyl		7.60	7.60	7.50	7.70	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3845 **SAS No.:** P3845 **SDG NO.:** P3845

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 09/06/2024 09/06/2024

Client Sample No.: CCAL02 **Date Analyzed:** 09/10/2024

Lab Sample No.: AR1660CCC500 **Data File :** PQ068486.D **Time Analyzed:** 07:20

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.538	4.438	4.638	474.860	500.000	-5.0
Aroclor-1016-2	4.557	4.457	4.657	466.930	500.000	-6.6
Aroclor-1016-3	4.615	4.515	4.715	469.140	500.000	-6.2
Aroclor-1016-4	4.707	4.607	4.807	463.220	500.000	-7.4
Aroclor-1016-5	4.993	4.893	5.093	469.570	500.000	-6.1
Aroclor-1260-1	6.094	5.994	6.194	440.190	500.000	-12.0
Aroclor-1260-2	6.353	6.253	6.453	442.390	500.000	-11.5
Aroclor-1260-3	6.706	6.607	6.807	430.580	500.000	-13.9
Aroclor-1260-4	6.924	6.823	7.023	424.670	500.000	-15.1
Aroclor-1260-5	7.235	7.134	7.334	413.990	500.000	-17.2
Decachlorobiphenyl	8.611	8.510	8.710	43.530	50.000	-12.9
Tetrachloro-m-xylene	3.438	3.338	3.538	49.500	50.000	-1.0

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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3845 **SAS No.:** P3845 **SDG NO.:** P3845

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/06/2024 09/06/2024

Client Sample No.: CCAL02 **Date Analyzed:** 09/10/2024

Lab Sample No.: AR1660CCC500 **Data File :** PQ068486.D **Time Analyzed:** 07:20

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.827	3.727	3.927	535.210	500.000	7.0
Aroclor-1016-2	3.843	3.743	3.943	517.790	500.000	3.6
Aroclor-1016-3	4.004	3.905	4.105	523.190	500.000	4.6
Aroclor-1016-4	4.053	3.953	4.153	527.990	500.000	5.6
Aroclor-1016-5	4.248	4.149	4.349	530.500	500.000	6.1
Aroclor-1260-1	5.246	5.146	5.346	509.390	500.000	1.9
Aroclor-1260-2	5.436	5.336	5.536	510.500	500.000	2.1
Aroclor-1260-3	5.577	5.478	5.678	504.380	500.000	0.9
Aroclor-1260-4	6.039	5.939	6.139	501.190	500.000	0.2
Aroclor-1260-5	6.285	6.185	6.385	490.520	500.000	-1.9
Decachlorobiphenyl	7.600	7.500	7.700	46.410	50.000	-7.2
Tetrachloro-m-xylene	2.822	2.722	2.922	52.660	50.000	5.3

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090924\
Data File : PQ068486.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 07:20
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 08:19:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 07:27:42 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	353.4E6	375.1E6	49.498	52.663
2)	SA Decachlor...	8.611	7.600	189.7E6	306.5E6	43.532	46.412
	Target Compounds						
3)	L1 AR-1016-1	4.538	3.827	111.0E6	127.1E6	474.855	535.214
4)	L1 AR-1016-2	4.557	3.843	171.4E6	187.1E6	466.931	517.787
5)	L1 AR-1016-3	4.615	4.004	106.0E6	101.6E6	469.137	523.193
6)	L1 AR-1016-4	4.707	4.053	88193582	85269271	463.217	527.993
7)	L1 AR-1016-5	4.993	4.248	83023301	102.5E6	469.572	530.503
31)	L7 AR-1260-1	6.094	5.246	146.4E6	195.6E6	440.190	509.387
32)	L7 AR-1260-2	6.353	5.436	165.8E6	232.7E6	442.386	510.504
33)	L7 AR-1260-3	6.706	5.577	101.2E6	219.8E6	430.577	504.376
34)	L7 AR-1260-4	6.924	6.039	117.7E6	161.0E6	424.671	501.189
35)	L7 AR-1260-5	7.235	6.285	221.3E6	357.5E6	413.991	490.524

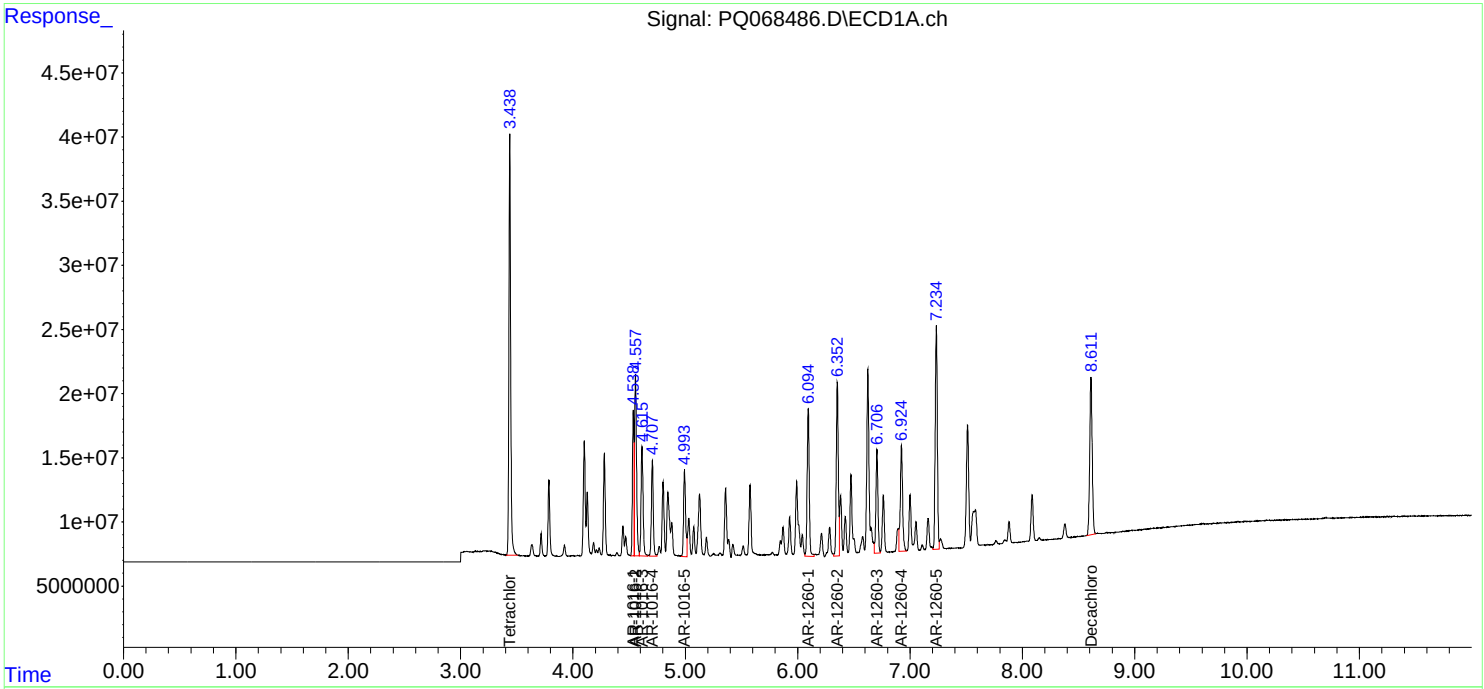
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

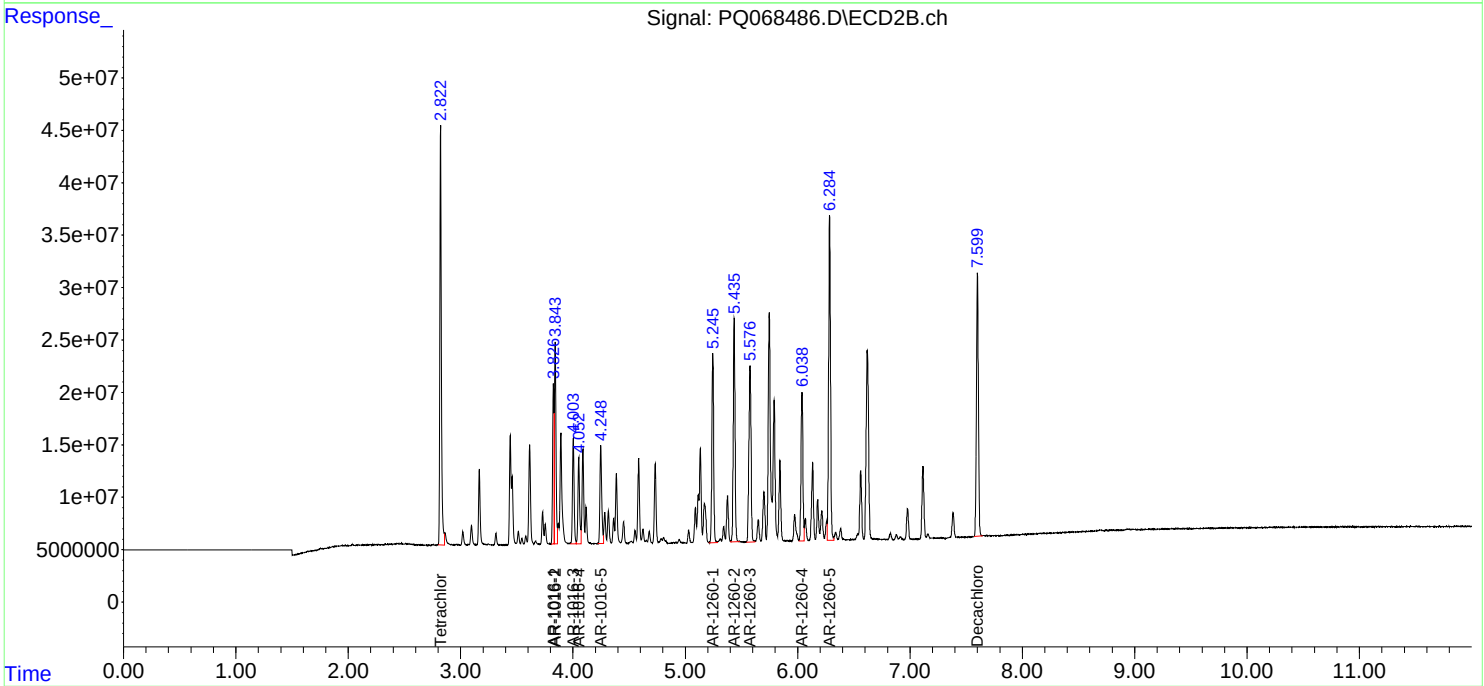
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090924\
Data File : PQ068486.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 07:20
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

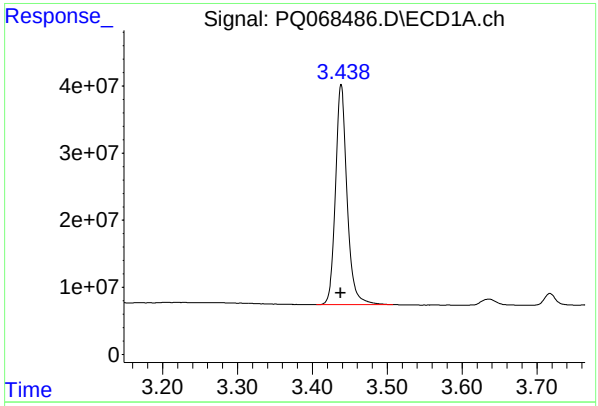
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 08:19:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 07:27:42 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



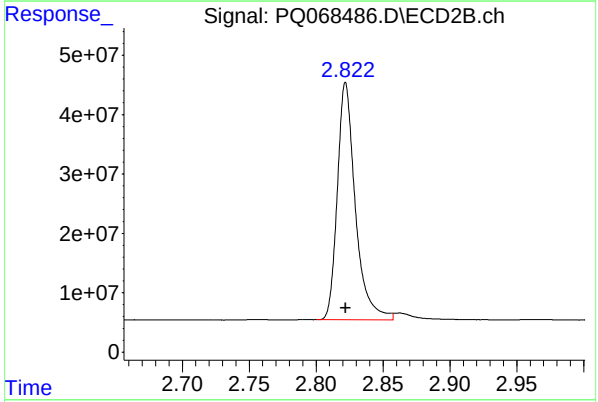




#1 Tetrachloro-m-xylene

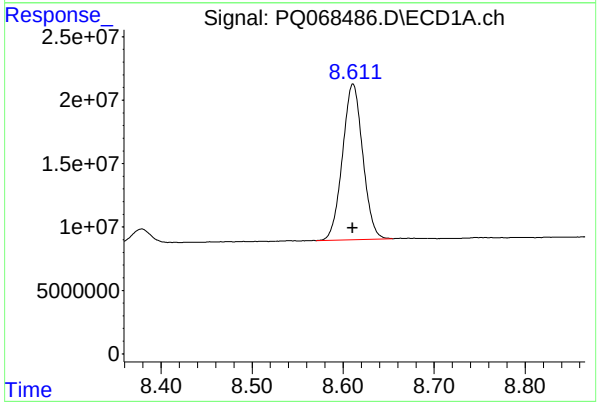
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 353446894
Conc: 49.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



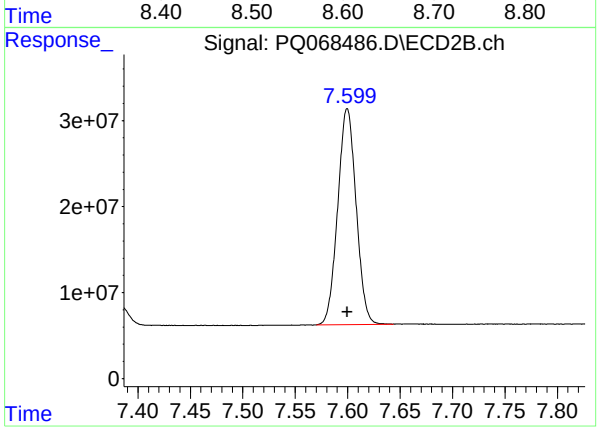
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 375084043
Conc: 52.66 ng/ml



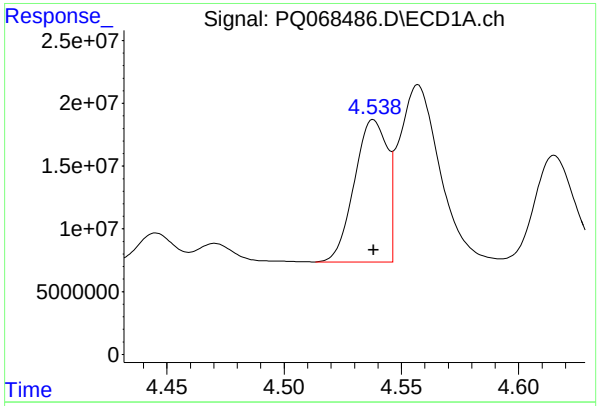
#2 Decachlorobiphenyl

R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 189724739
Conc: 43.53 ng/ml



#2 Decachlorobiphenyl

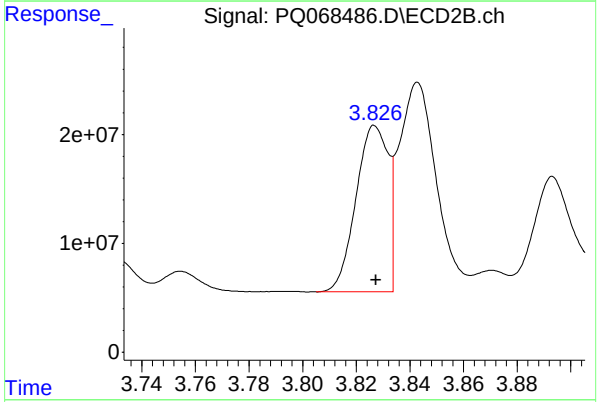
R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 306497667
Conc: 46.41 ng/ml



#3 AR-1016-1

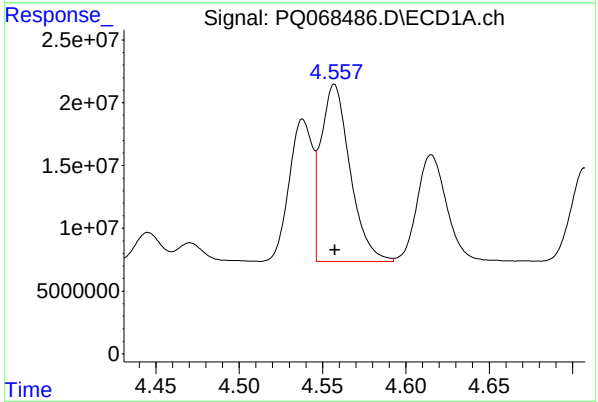
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 110957106
Conc: 474.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



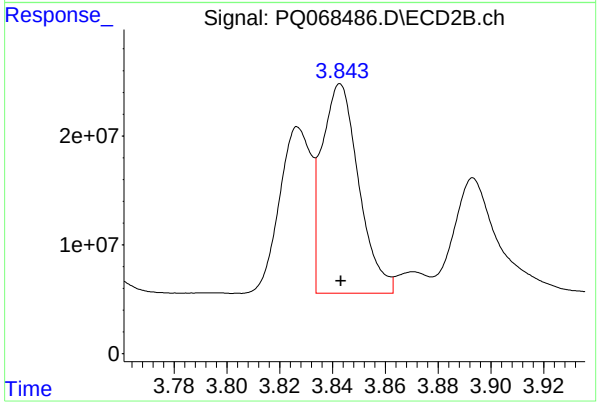
#3 AR-1016-1

R.T.: 3.827 min
Delta R.T.: 0.000 min
Response: 127097231
Conc: 535.21 ng/ml



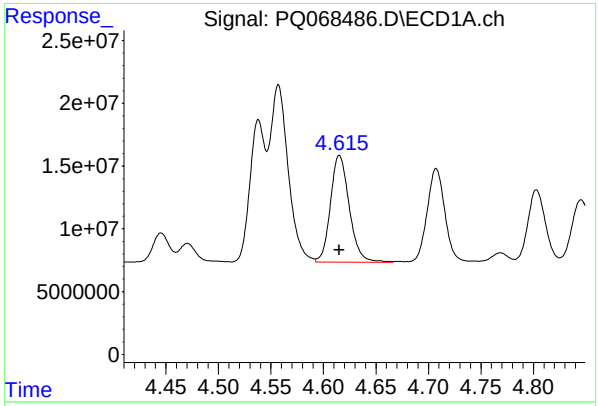
#4 AR-1016-2

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 171436688
Conc: 466.93 ng/ml



#4 AR-1016-2

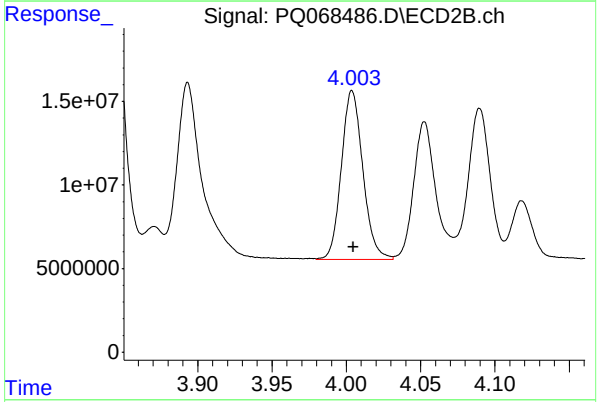
R.T.: 3.843 min
Delta R.T.: 0.000 min
Response: 187103685
Conc: 517.79 ng/ml



#5 AR-1016-3

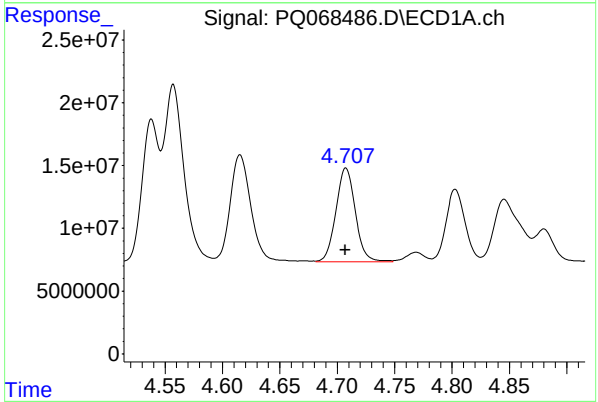
R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 106041002
Conc: 469.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



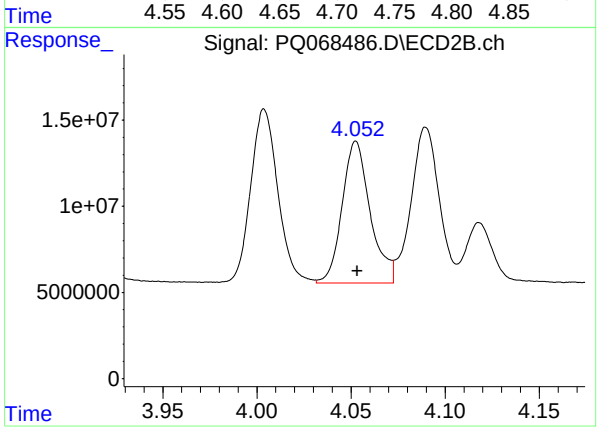
#5 AR-1016-3

R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 101621167
Conc: 523.19 ng/ml



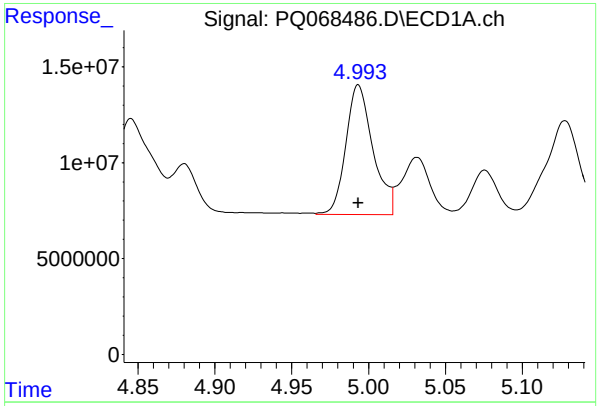
#6 AR-1016-4

R.T.: 4.707 min
Delta R.T.: 0.000 min
Response: 88193582
Conc: 463.22 ng/ml



#6 AR-1016-4

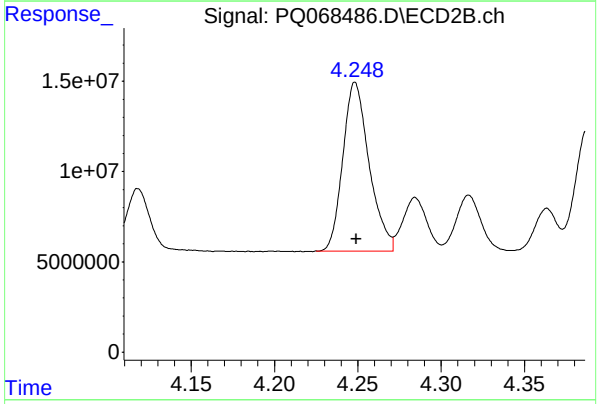
R.T.: 4.053 min
Delta R.T.: 0.000 min
Response: 85269271
Conc: 527.99 ng/ml



#7 AR-1016-5

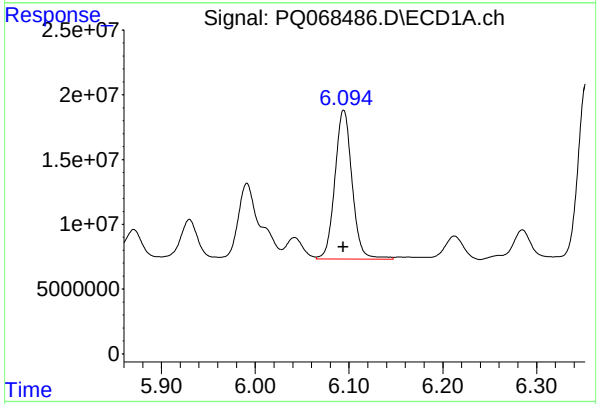
R.T.: 4.993 min
Delta R.T.: 0.000 min
Response: 83023301
Conc: 469.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



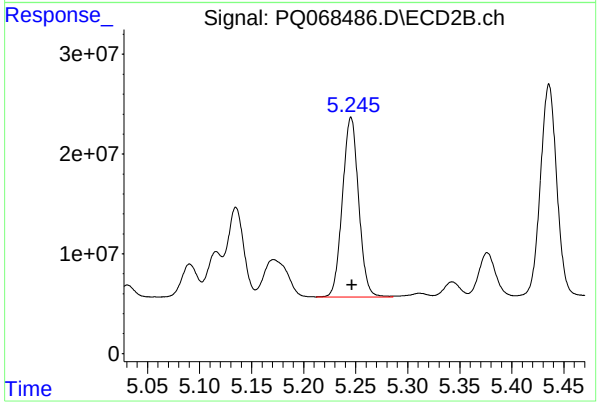
#7 AR-1016-5

R.T.: 4.248 min
Delta R.T.: 0.000 min
Response: 102466869
Conc: 530.50 ng/ml



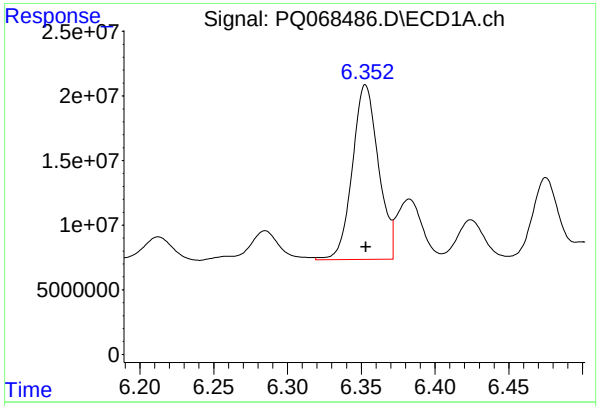
#31 AR-1260-1

R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 146385307
Conc: 440.19 ng/ml



#31 AR-1260-1

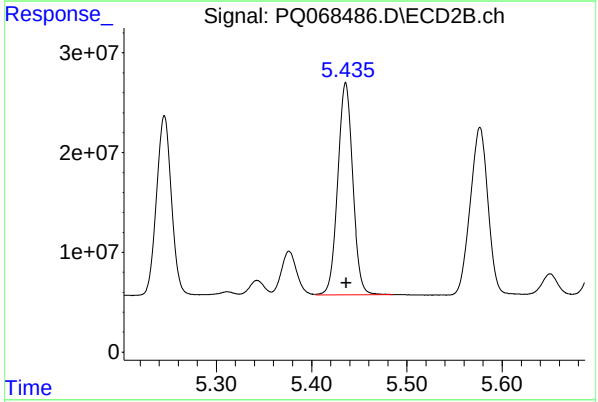
R.T.: 5.246 min
Delta R.T.: 0.000 min
Response: 195596903
Conc: 509.39 ng/ml



#32 AR-1260-2

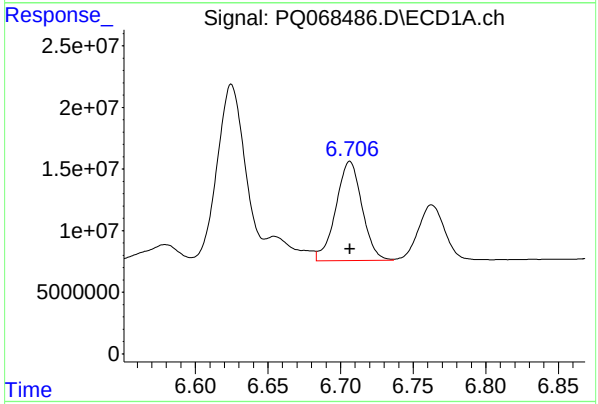
R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 165818153
Conc: 442.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



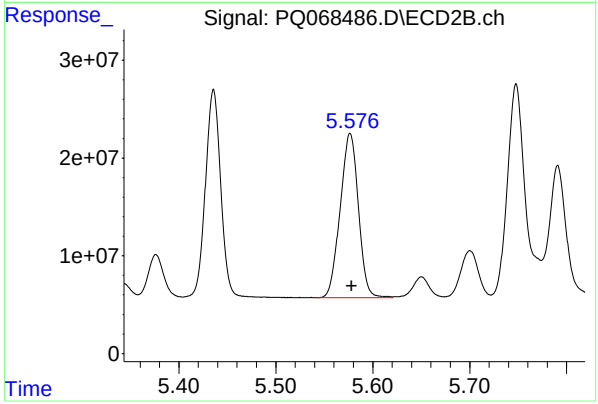
#32 AR-1260-2

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 232686405
Conc: 510.50 ng/ml



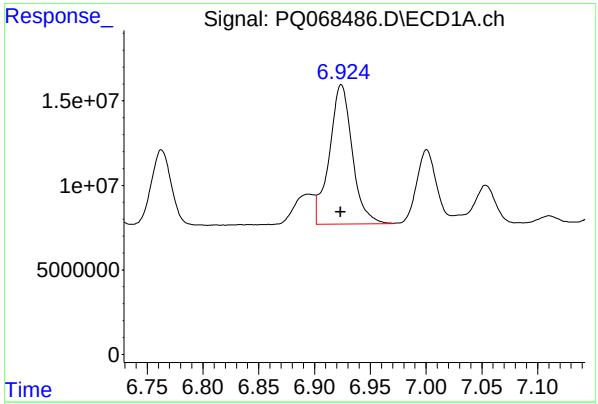
#33 AR-1260-3

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 101190311
Conc: 430.58 ng/ml



#33 AR-1260-3

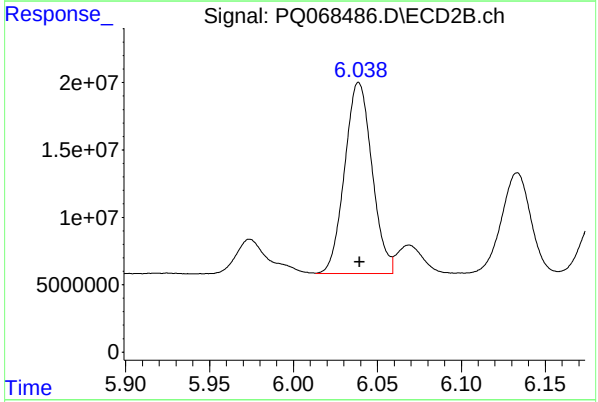
R.T.: 5.577 min
Delta R.T.: -0.002 min
Response: 219814539
Conc: 504.38 ng/ml



#34 AR-1260-4

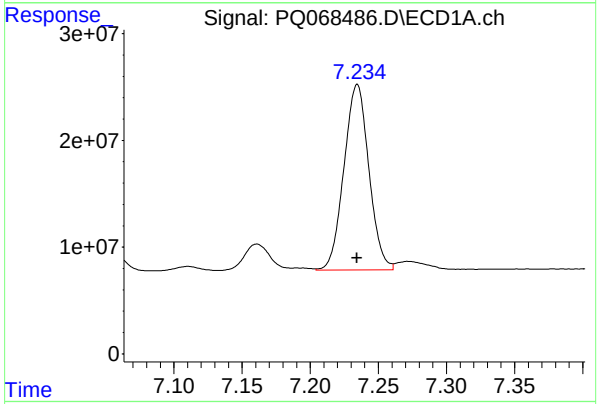
R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 117679457
Conc: 424.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



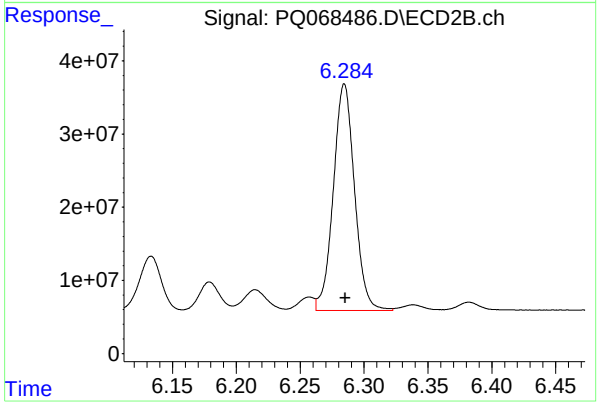
#34 AR-1260-4

R.T.: 6.039 min
Delta R.T.: 0.000 min
Response: 161029387
Conc: 501.19 ng/ml



#35 AR-1260-5

R.T.: 7.235 min
Delta R.T.: 0.000 min
Response: 221261479
Conc: 413.99 ng/ml



#35 AR-1260-5

R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 357459855
Conc: 490.52 ng/ml

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3845 **SAS No.:** P3845 **SDG NO.:** P3845

Continuing Calib Date: 09/10/2024 **Initial Calibration Date(s):** 09/06/2024 09/06/2024

Continuing Calib Time: 10:31 **Initial Calibration Time(s):** 13:44 20:18

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.54	4.54	4.44	4.64	0.00
Aroclor-1016-2	(2)	4.56	4.56	4.46	4.66	0.00
Aroclor-1016-3	(3)	4.62	4.62	4.52	4.72	0.01
Aroclor-1016-4	(4)	4.71	4.71	4.61	4.81	0.00
Aroclor-1016-5	(5)	4.99	4.99	4.89	5.09	0.00
Aroclor-1260-1	(1)	6.10	6.09	5.99	6.19	0.00
Aroclor-1260-2	(2)	6.35	6.35	6.25	6.45	0.00
Aroclor-1260-3	(3)	6.71	6.71	6.61	6.81	0.00
Aroclor-1260-4	(4)	6.93	6.92	6.82	7.02	-0.01
Aroclor-1260-5	(5)	7.24	7.23	7.13	7.33	-0.01
Tetrachloro-m-xylene		3.44	3.44	3.34	3.54	0.00
Decachlorobiphenyl		8.61	8.61	8.51	8.71	0.00

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3845 **SAS No.:** P3845 **SDG NO.:** P3845

Continuing Calib Date: 09/10/2024 **Initial Calibration Date(s):** 09/06/2024 09/06/2024

Continuing Calib Time: 10:31 **Initial Calibration Time(s):** 13:44 20:18

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	3.83	3.83	3.73	3.93	0.00
Aroclor-1016-2	(2)	3.84	3.84	3.74	3.94	0.00
Aroclor-1016-3	(3)	4.00	4.01	3.91	4.11	0.01
Aroclor-1016-4	(4)	4.05	4.05	3.95	4.15	0.00
Aroclor-1016-5	(5)	4.25	4.25	4.15	4.35	0.00
Aroclor-1260-1	(1)	5.25	5.25	5.15	5.35	0.01
Aroclor-1260-2	(2)	5.44	5.44	5.34	5.54	0.01
Aroclor-1260-3	(3)	5.58	5.58	5.48	5.68	0.00
Aroclor-1260-4	(4)	6.04	6.04	5.94	6.14	0.00
Aroclor-1260-5	(5)	6.29	6.29	6.19	6.39	0.01
Tetrachloro-m-xylene		2.82	2.82	2.72	2.92	0.00
Decachlorobiphenyl		7.60	7.60	7.50	7.70	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3845 **SAS No.:** P3845 **SDG NO.:** P3845

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/06/2024 09/06/2024

Client Sample No.: CCAL03 **Date Analyzed:** 09/10/2024

Lab Sample No.: AR1660CCC500 **Data File :** PQ068498.D **Time Analyzed:** 10:31

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.539	4.438	4.638	488.780	500.000	-2.2
Aroclor-1016-2	4.558	4.457	4.657	476.230	500.000	-4.8
Aroclor-1016-3	4.615	4.515	4.715	488.690	500.000	-2.3
Aroclor-1016-4	4.707	4.607	4.807	485.780	500.000	-2.8
Aroclor-1016-5	4.994	4.893	5.093	495.710	500.000	-0.9
Aroclor-1260-1	6.095	5.994	6.194	459.800	500.000	-8.0
Aroclor-1260-2	6.354	6.253	6.453	458.810	500.000	-8.2
Aroclor-1260-3	6.707	6.607	6.807	447.640	500.000	-10.5
Aroclor-1260-4	6.925	6.823	7.023	444.570	500.000	-11.1
Aroclor-1260-5	7.235	7.134	7.334	432.170	500.000	-13.6
Decachlorobiphenyl	8.611	8.510	8.710	45.190	50.000	-9.6
Tetrachloro-m-xylene	3.438	3.338	3.538	50.670	50.000	1.3

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3845 **SAS No.:** P3845 **SDG NO.:** P3845

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 09/06/2024 09/06/2024

Client Sample No.: CCAL03 **Date Analyzed:** 09/10/2024

Lab Sample No.: AR1660CCC500 **Data File :** PQ068498.D **Time Analyzed:** 10:31

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.827	3.727	3.927	536.600	500.000	7.3
Aroclor-1016-2	3.843	3.743	3.943	525.300	500.000	5.1
Aroclor-1016-3	4.004	3.905	4.105	527.250	500.000	5.5
Aroclor-1016-4	4.053	3.953	4.153	534.330	500.000	6.9
Aroclor-1016-5	4.249	4.149	4.349	535.180	500.000	7.0
Aroclor-1260-1	5.245	5.146	5.346	518.730	500.000	3.7
Aroclor-1260-2	5.435	5.336	5.536	522.660	500.000	4.5
Aroclor-1260-3	5.577	5.478	5.678	515.300	500.000	3.1
Aroclor-1260-4	6.039	5.939	6.139	517.360	500.000	3.5
Aroclor-1260-5	6.285	6.185	6.385	507.260	500.000	1.5
Decachlorobiphenyl	7.600	7.500	7.700	48.840	50.000	-2.3
Tetrachloro-m-xylene	2.822	2.722	2.922	52.800	50.000	5.6

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090924\
Data File : PQ068498.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 10:31
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 10:44:06 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 07:27:42 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	361.8E6	376.0E6	50.674	52.798
2)	SA Decachlor...	8.611	7.600	196.9E6	322.5E6	45.188	48.842
	Target Compounds						
3)	L1 AR-1016-1	4.539	3.827	114.2E6	127.4E6	488.785	536.595
4)	L1 AR-1016-2	4.558	3.843	174.9E6	189.8E6	476.228	525.302
5)	L1 AR-1016-3	4.615	4.004	110.5E6	102.4E6	488.691	527.249
6)	L1 AR-1016-4	4.707	4.053	92489252	86293424	485.779	534.334
7)	L1 AR-1016-5	4.994	4.249	87645030	103.4E6	495.712	535.176
31)	L7 AR-1260-1	6.095	5.245	152.9E6	199.2E6	459.805	518.732
32)	L7 AR-1260-2	6.354	5.435	172.0E6	238.2E6	458.813	522.663
33)	L7 AR-1260-3	6.707	5.577	105.2E6	224.6E6	447.638	515.304
34)	L7 AR-1260-4	6.925	6.039	123.2E6	166.2E6	444.574	517.356
35)	L7 AR-1260-5	7.235	6.285	231.0E6	369.7E6	432.174	507.260

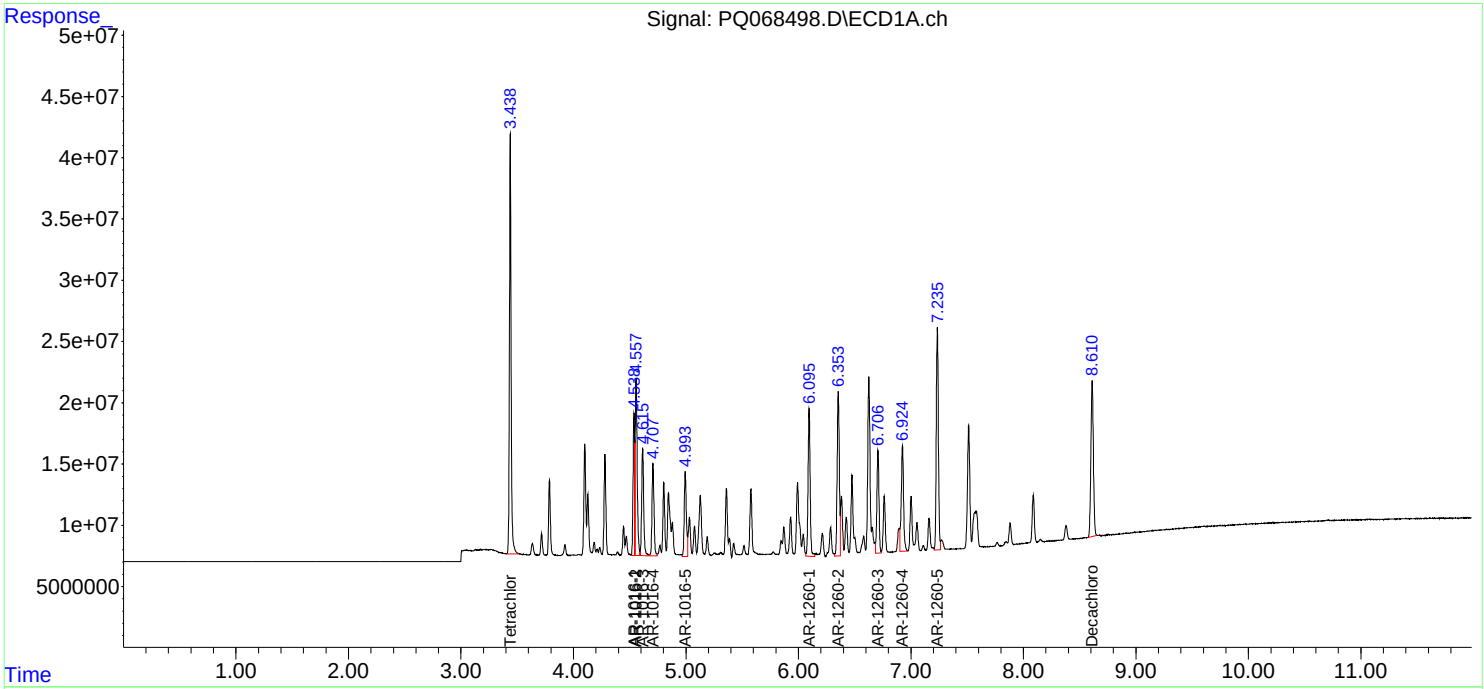
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

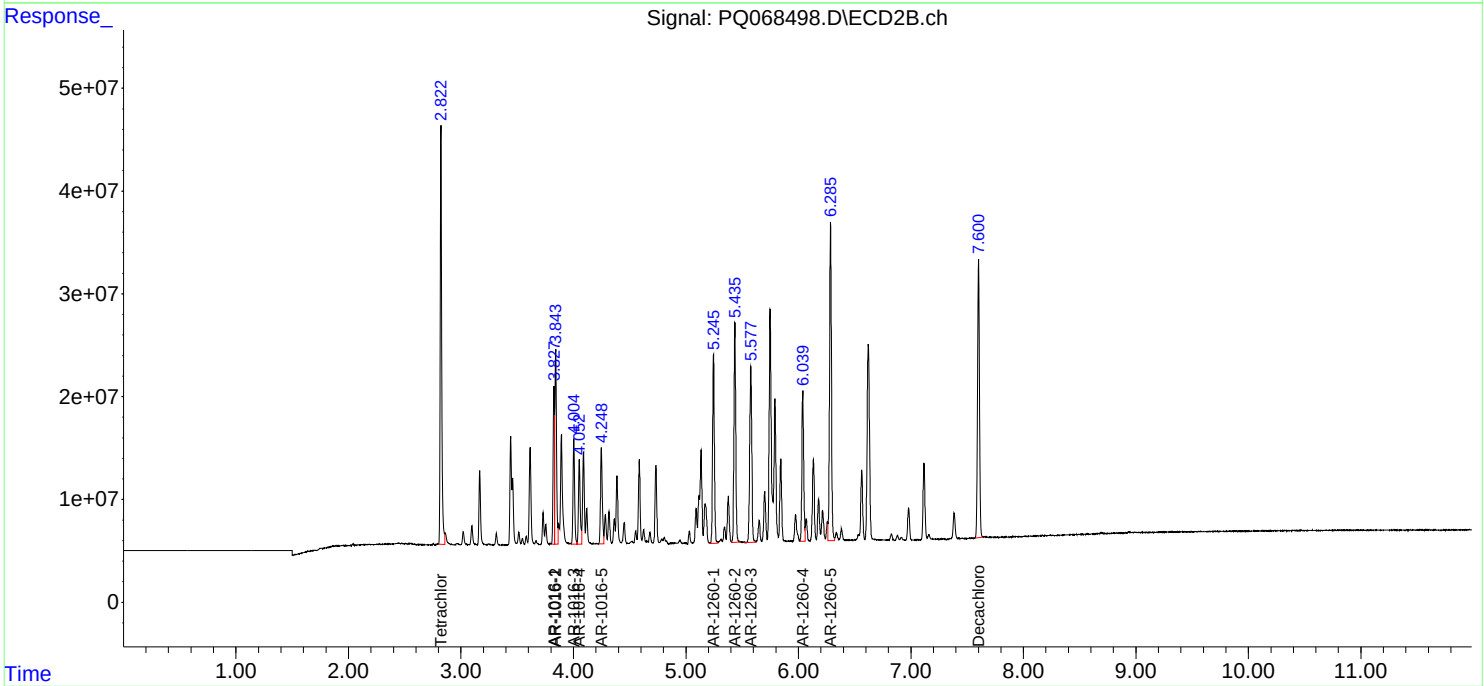
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090924\
Data File : PQ068498.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 10:31
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

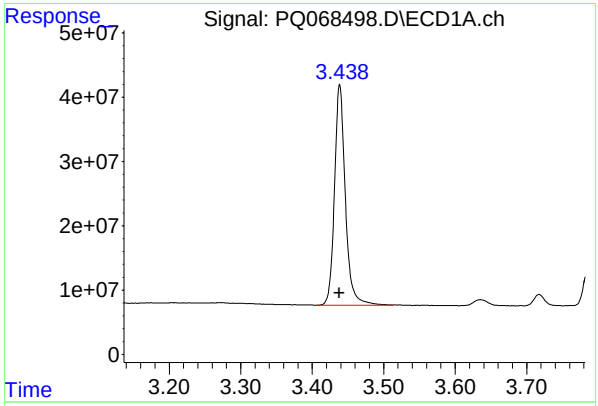
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 10:44:06 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 07:27:42 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



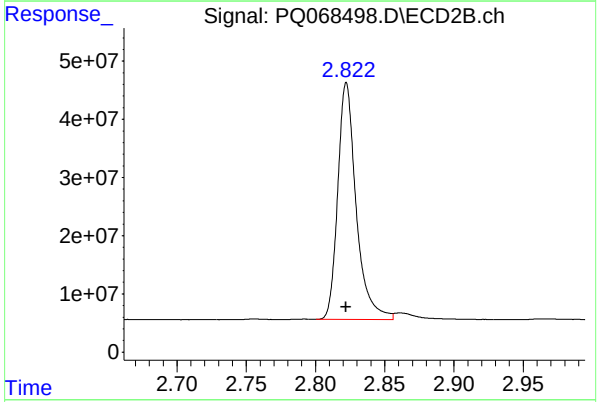




#1 Tetrachloro-m-xylene

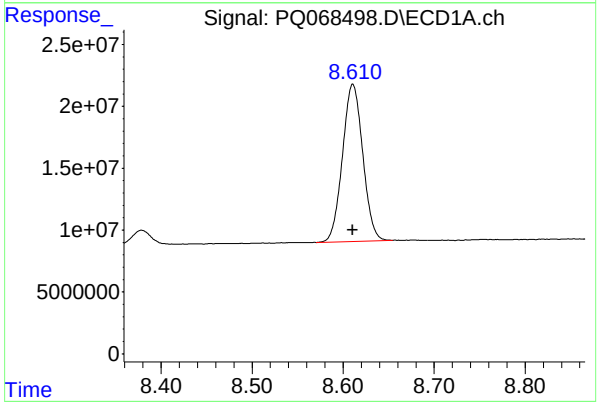
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 361844993
Conc: 50.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



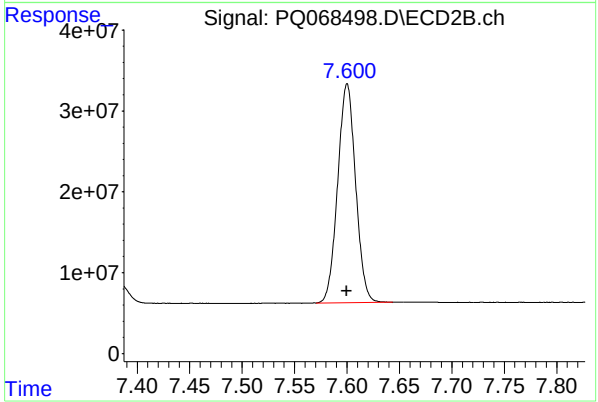
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 376042849
Conc: 52.80 ng/ml



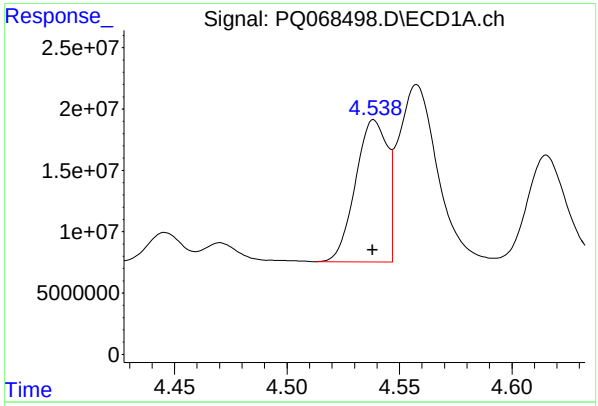
#2 Decachlorobiphenyl

R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 196940927
Conc: 45.19 ng/ml



#2 Decachlorobiphenyl

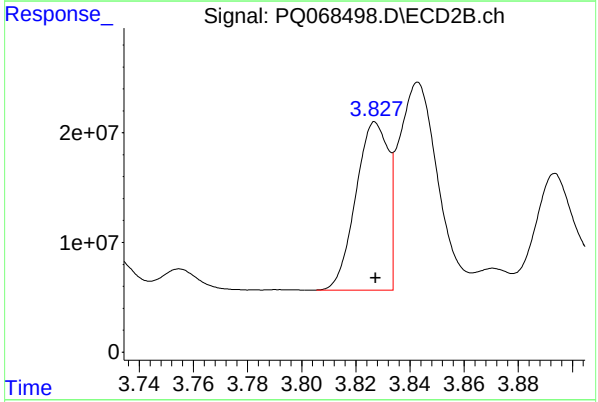
R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 322544107
Conc: 48.84 ng/ml



#3 AR-1016-1

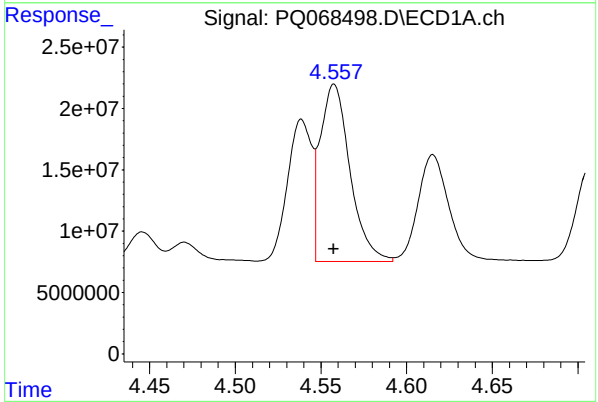
R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 114212016
Conc: 488.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



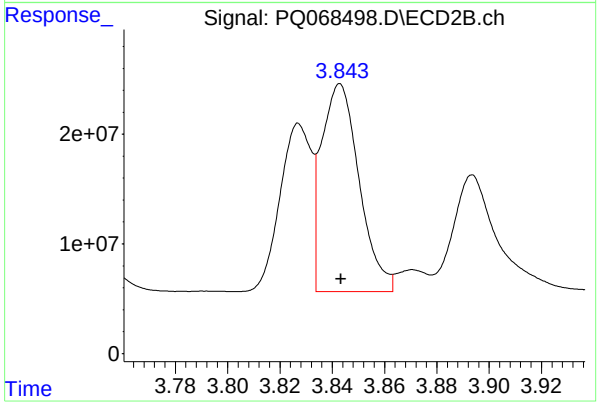
#3 AR-1016-1

R.T.: 3.827 min
Delta R.T.: 0.000 min
Response: 127425165
Conc: 536.60 ng/ml



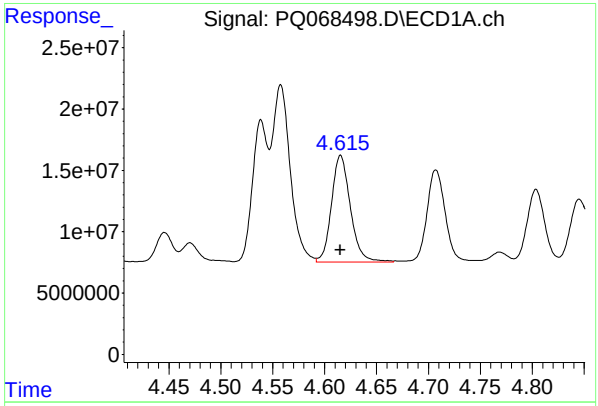
#4 AR-1016-2

R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 174850387
Conc: 476.23 ng/ml



#4 AR-1016-2

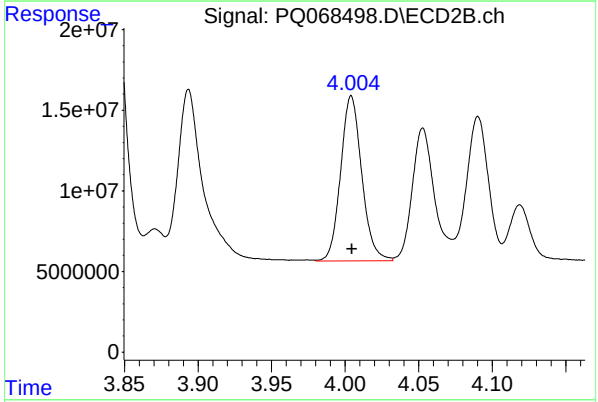
R.T.: 3.843 min
Delta R.T.: 0.000 min
Response: 189819005
Conc: 525.30 ng/ml



#5 AR-1016-3

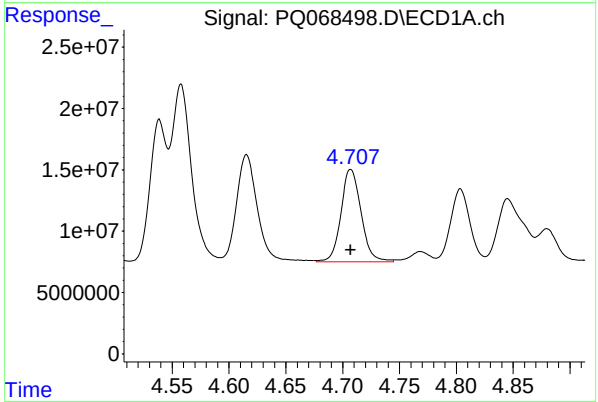
R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 110460951
Conc: 488.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



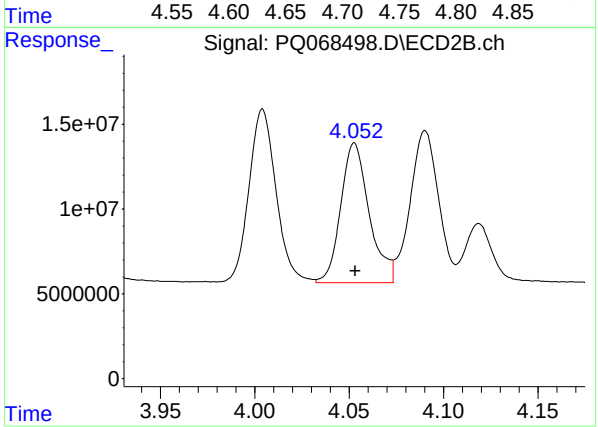
#5 AR-1016-3

R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 102409016
Conc: 527.25 ng/ml



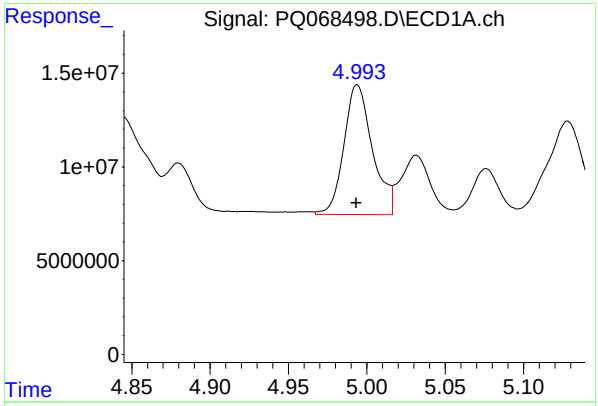
#6 AR-1016-4

R.T.: 4.707 min
Delta R.T.: 0.000 min
Response: 92489252
Conc: 485.78 ng/ml



#6 AR-1016-4

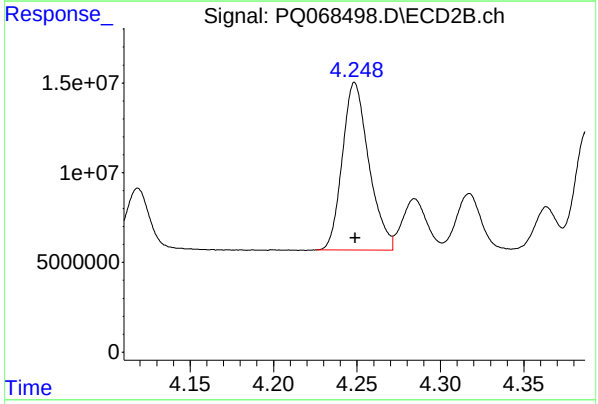
R.T.: 4.053 min
Delta R.T.: 0.000 min
Response: 86293424
Conc: 534.33 ng/ml



#7 AR-1016-5

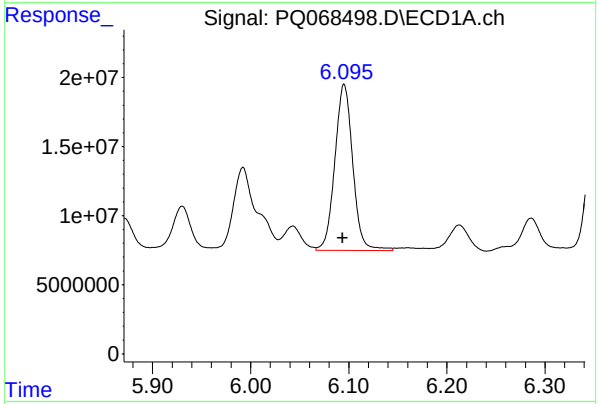
R.T.: 4.994 min
Delta R.T.: 0.000 min
Response: 87645030
Conc: 495.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



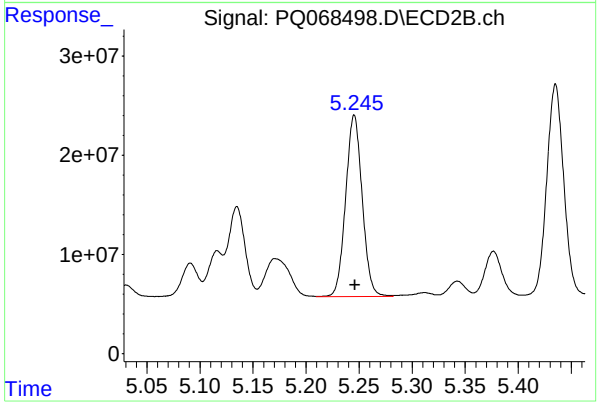
#7 AR-1016-5

R.T.: 4.249 min
Delta R.T.: 0.000 min
Response: 103369435
Conc: 535.18 ng/ml



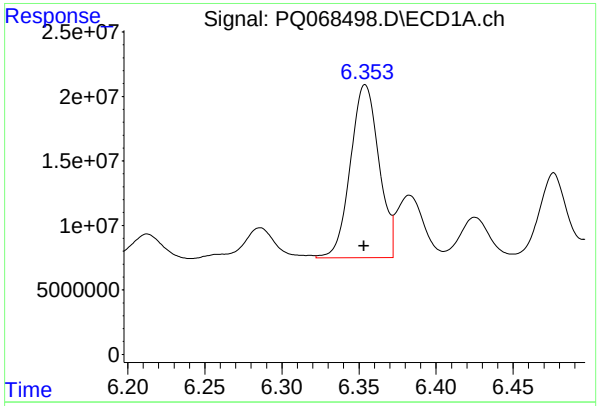
#31 AR-1260-1

R.T.: 6.095 min
Delta R.T.: 0.002 min
Response: 152908247
Conc: 459.80 ng/ml



#31 AR-1260-1

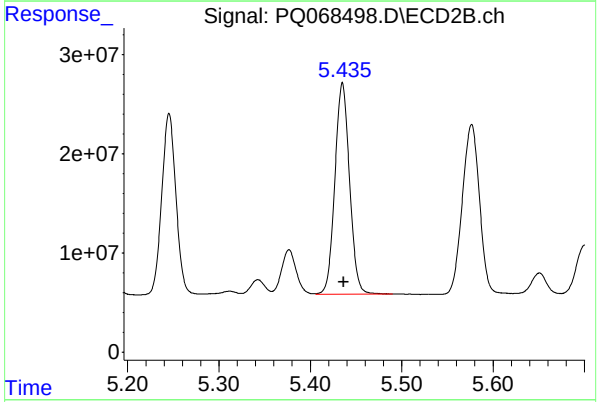
R.T.: 5.245 min
Delta R.T.: 0.000 min
Response: 199184929
Conc: 518.73 ng/ml



#32 AR-1260-2

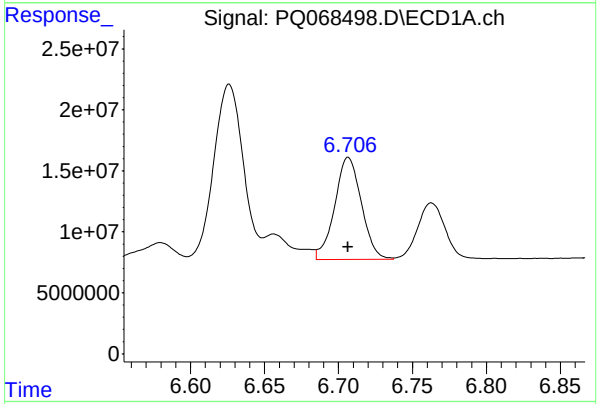
R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 171975493
Conc: 458.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



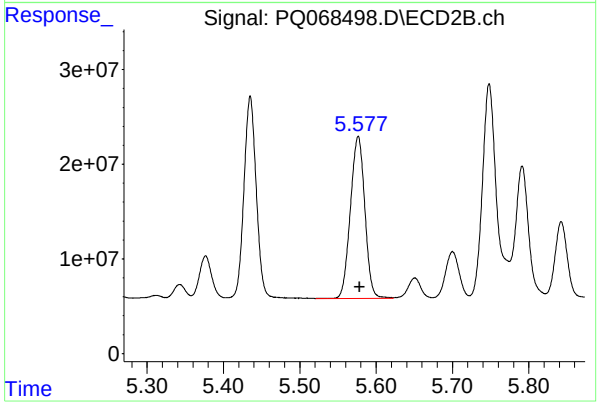
#32 AR-1260-2

R.T.: 5.435 min
Delta R.T.: -0.001 min
Response: 238228541
Conc: 522.66 ng/ml



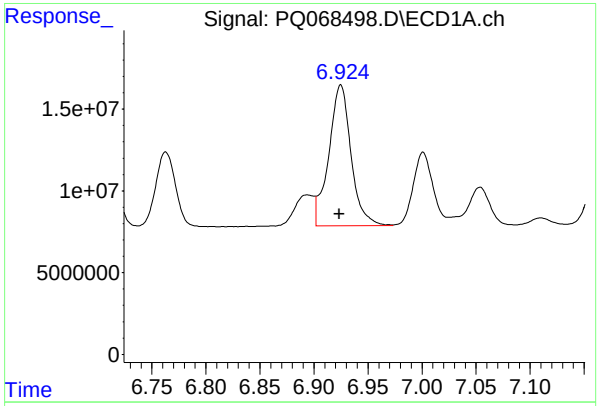
#33 AR-1260-3

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 105199852
Conc: 447.64 ng/ml



#33 AR-1260-3

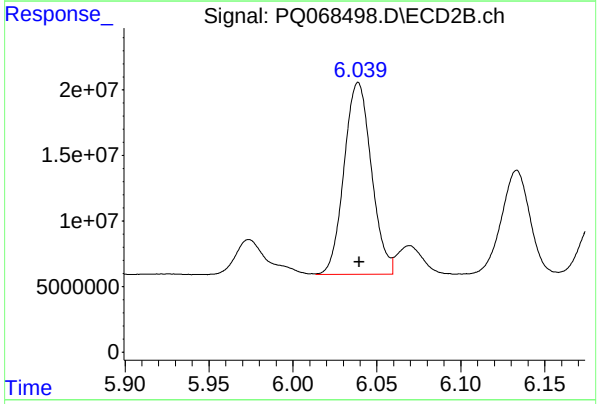
R.T.: 5.577 min
Delta R.T.: -0.002 min
Response: 224577142
Conc: 515.30 ng/ml



#34 AR-1260-4

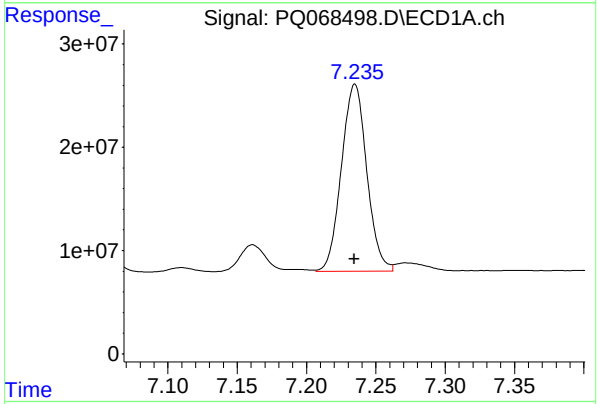
R.T.: 6.925 min
Delta R.T.: 0.001 mi
Response: 123194525
Conc: 444.57 ng/m

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



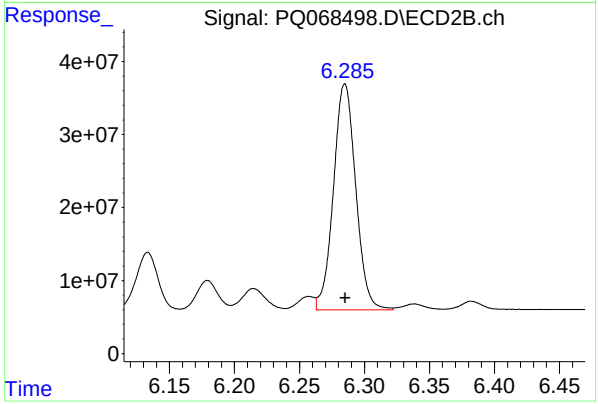
#34 AR-1260-4

R.T.: 6.039 min
Delta R.T.: 0.000 min
Response: 166223784
Conc: 517.36 ng/ml



#35 AR-1260-5

R.T.: 7.235 min
Delta R.T.: 0.000 min
Response: 230979450
Conc: 432.17 ng/ml



#35 AR-1260-5

R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 369655844
Conc: 507.26 ng/ml

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3845 **SAS No.:** P3845 **SDG NO.:** P3845

Continuing Calib Date: 09/10/2024 **Initial Calibration Date(s):** 09/06/2024 09/06/2024

Continuing Calib Time: 12:57 **Initial Calibration Time(s):** 13:44 20:18

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.54	4.54	4.44	4.64	0.00
Aroclor-1016-2	(2)	4.56	4.56	4.46	4.66	0.00
Aroclor-1016-3	(3)	4.62	4.62	4.52	4.72	0.01
Aroclor-1016-4	(4)	4.71	4.71	4.61	4.81	0.00
Aroclor-1016-5	(5)	4.99	4.99	4.89	5.09	0.00
Aroclor-1260-1	(1)	6.10	6.09	5.99	6.19	0.00
Aroclor-1260-2	(2)	6.35	6.35	6.25	6.45	0.00
Aroclor-1260-3	(3)	6.71	6.71	6.61	6.81	0.00
Aroclor-1260-4	(4)	6.92	6.92	6.82	7.02	0.00
Aroclor-1260-5	(5)	7.23	7.23	7.13	7.33	0.00
Tetrachloro-m-xylene		3.44	3.44	3.34	3.54	0.00
Decachlorobiphenyl		8.61	8.61	8.51	8.71	0.00

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3845 **SAS No.:** P3845 **SDG NO.:** P3845

Continuing Calib Date: 09/10/2024 **Initial Calibration Date(s):** 09/06/2024 09/06/2024

Continuing Calib Time: 12:57 **Initial Calibration Time(s):** 13:44 20:18

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	3.83	3.83	3.73	3.93	0.00
Aroclor-1016-2	(2)	3.84	3.84	3.74	3.94	0.00
Aroclor-1016-3	(3)	4.00	4.01	3.91	4.11	0.01
Aroclor-1016-4	(4)	4.05	4.05	3.95	4.15	0.00
Aroclor-1016-5	(5)	4.25	4.25	4.15	4.35	0.00
Aroclor-1260-1	(1)	5.24	5.25	5.15	5.35	0.01
Aroclor-1260-2	(2)	5.43	5.44	5.34	5.54	0.01
Aroclor-1260-3	(3)	5.58	5.58	5.48	5.68	0.00
Aroclor-1260-4	(4)	6.04	6.04	5.94	6.14	0.00
Aroclor-1260-5	(5)	6.28	6.29	6.19	6.39	0.01
Tetrachloro-m-xylene		2.82	2.82	2.72	2.92	0.00
Decachlorobiphenyl		7.60	7.60	7.50	7.70	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3845 **SAS No.:** P3845 **SDG NO.:** P3845

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/06/2024 09/06/2024

Client Sample No.: CCAL04 **Date Analyzed:** 09/10/2024

Lab Sample No.: AR1660CCC500 **Data File :** PQ068508.D **Time Analyzed:** 12:57

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.538	4.438	4.638	498.390	500.000	-0.3
Aroclor-1016-2	4.557	4.457	4.657	484.890	500.000	-3.0
Aroclor-1016-3	4.615	4.515	4.715	494.010	500.000	-1.2
Aroclor-1016-4	4.707	4.607	4.807	491.690	500.000	-1.7
Aroclor-1016-5	4.994	4.893	5.093	516.820	500.000	3.4
Aroclor-1260-1	6.095	5.994	6.194	475.460	500.000	-4.9
Aroclor-1260-2	6.353	6.253	6.453	476.040	500.000	-4.8
Aroclor-1260-3	6.706	6.607	6.807	461.420	500.000	-7.7
Aroclor-1260-4	6.923	6.823	7.023	456.010	500.000	-8.8
Aroclor-1260-5	7.233	7.134	7.334	444.610	500.000	-11.1
Decachlorobiphenyl	8.611	8.510	8.710	46.400	50.000	-7.2
Tetrachloro-m-xylene	3.438	3.338	3.538	51.460	50.000	2.9

Alliance TECHNICAL GROUP

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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3845 **SAS No.:** P3845 **SDG NO.:** P3845

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/06/2024 09/06/2024

Client Sample No.: CCAL04 **Date Analyzed:** 09/10/2024

Lab Sample No.: AR1660CCC500 **Data File :** PQ068508.D **Time Analyzed:** 12:57

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.826	3.727	3.927	542.520	500.000	8.5
Aroclor-1016-2	3.842	3.743	3.943	528.210	500.000	5.6
Aroclor-1016-3	4.003	3.905	4.105	530.640	500.000	6.1
Aroclor-1016-4	4.052	3.953	4.153	539.930	500.000	8.0
Aroclor-1016-5	4.248	4.149	4.349	538.010	500.000	7.6
Aroclor-1260-1	5.244	5.146	5.346	525.290	500.000	5.1
Aroclor-1260-2	5.434	5.336	5.536	528.530	500.000	5.7
Aroclor-1260-3	5.576	5.478	5.678	522.150	500.000	4.4
Aroclor-1260-4	6.038	5.939	6.139	523.500	500.000	4.7
Aroclor-1260-5	6.284	6.185	6.385	514.020	500.000	2.8
Decachlorobiphenyl	7.599	7.500	7.700	49.930	50.000	-0.1
Tetrachloro-m-xylene	2.822	2.722	2.922	53.170	50.000	6.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091024\
Data File : PQ068508.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 12:57
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 01:16:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 10 13:06:53 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	367.5E6	378.7E6	51.462	53.170
2)	SA Decachlor...	8.611	7.599	202.2E6	329.7E6	46.403	49.926
	Target Compounds						
3)	L1 AR-1016-1	4.538	3.826	116.5E6	128.8E6	498.387	542.522
4)	L1 AR-1016-2	4.557	3.842	178.0E6	190.9E6	484.894	528.212
5)	L1 AR-1016-3	4.615	4.003	111.7E6	103.1E6	494.013	530.643
6)	L1 AR-1016-4	4.707	4.052	93615512	87196468	491.695	539.926
7)	L1 AR-1016-5	4.994	4.248	91377221	103.9E6	516.821	538.008
31)	L7 AR-1260-1	6.095	5.244	158.1E6	201.7E6	475.455	525.290
32)	L7 AR-1260-2	6.353	5.434	178.4E6	240.9E6	476.043	528.531
33)	L7 AR-1260-3	6.706	5.576	108.4E6	227.6E6	461.421	522.145
34)	L7 AR-1260-4	6.923	6.038	126.4E6	168.2E6	456.011	523.496
35)	L7 AR-1260-5	7.233	6.284	237.6E6	374.6E6	444.610	514.020

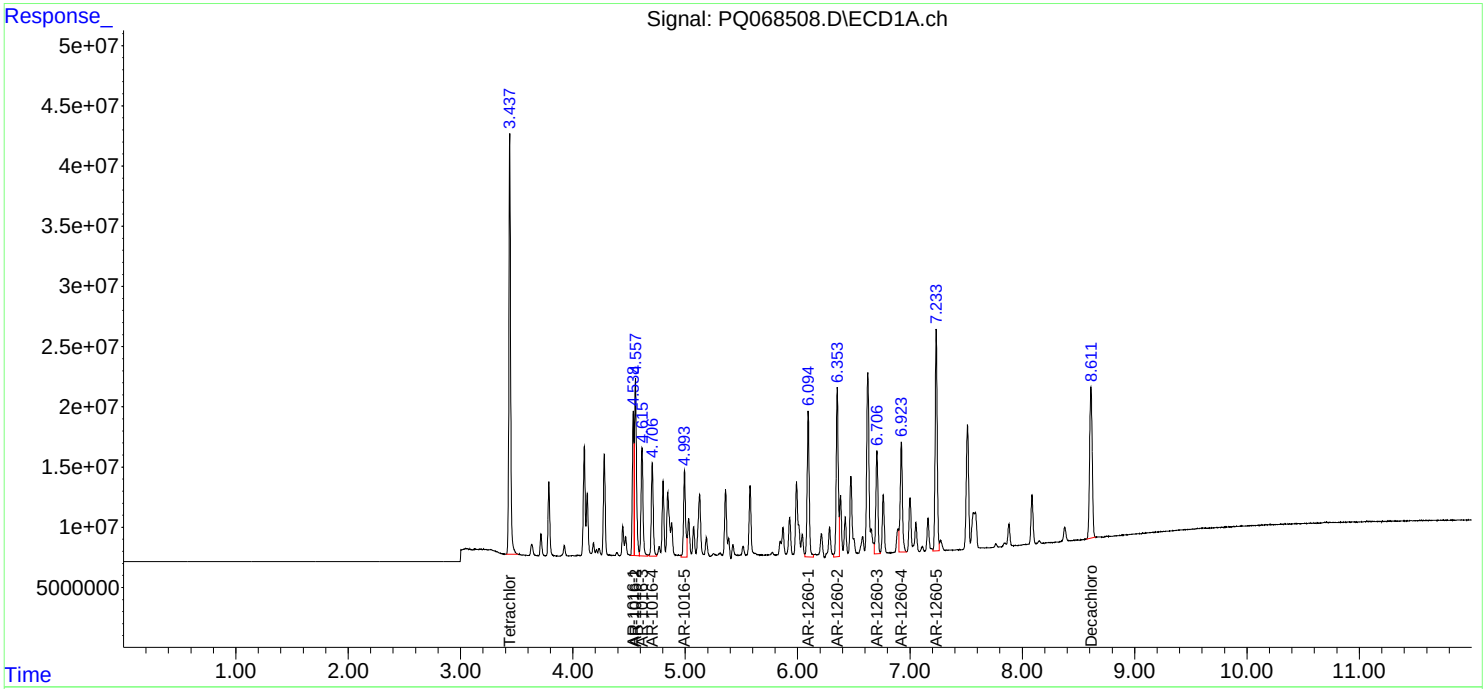
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

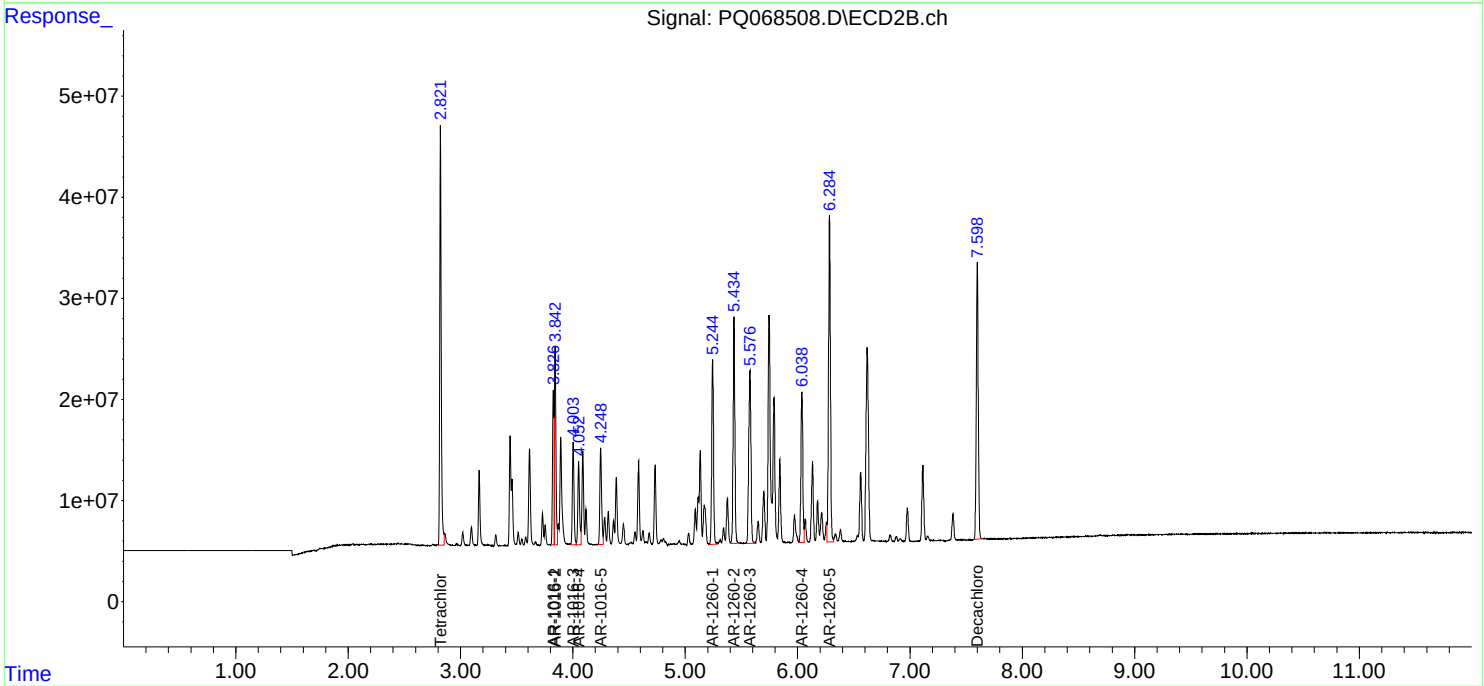
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091024\
Data File : PQ068508.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 12:57
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

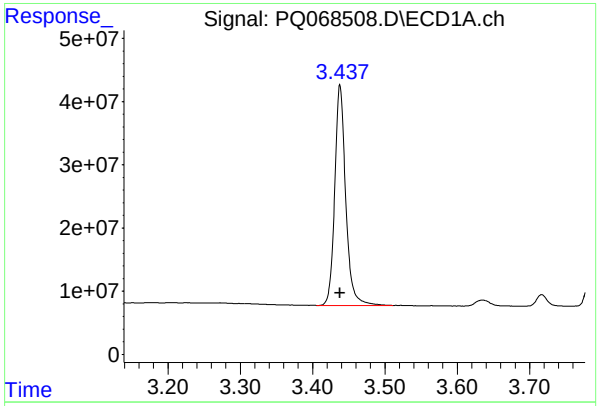
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 01:16:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 10 13:06:53 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



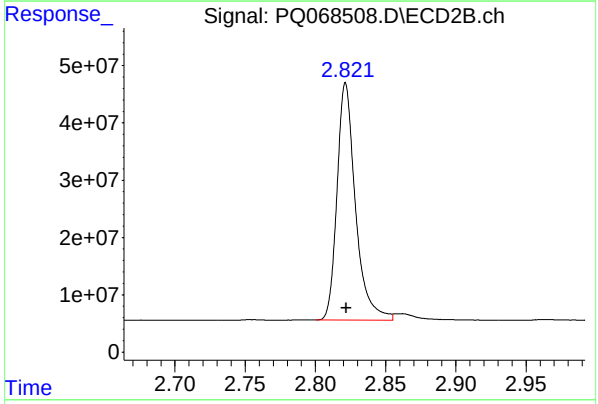




#1 Tetrachloro-m-xylene

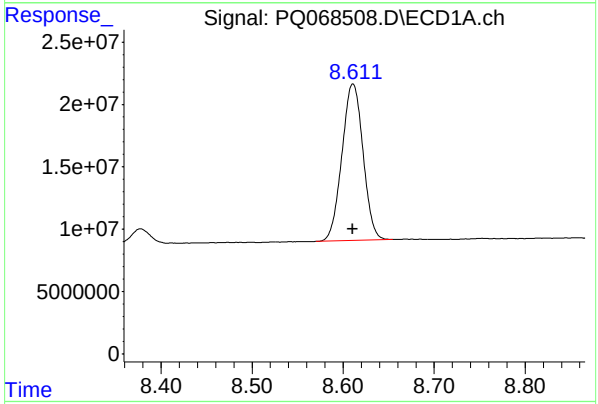
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 367467763
Conc: 51.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



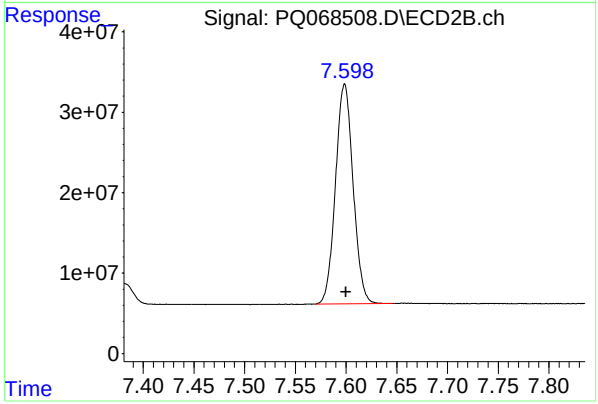
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 378689735
Conc: 53.17 ng/ml



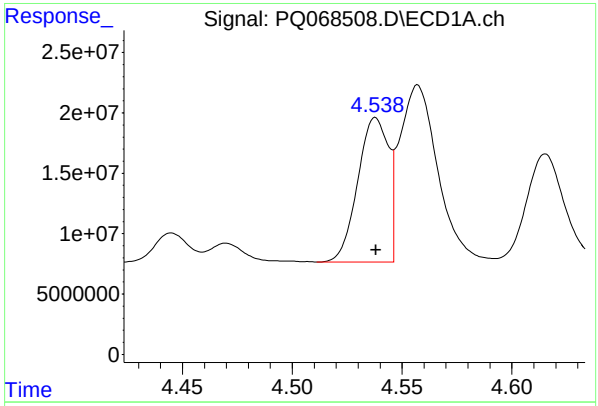
#2 Decachlorobiphenyl

R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 202236958
Conc: 46.40 ng/ml



#2 Decachlorobiphenyl

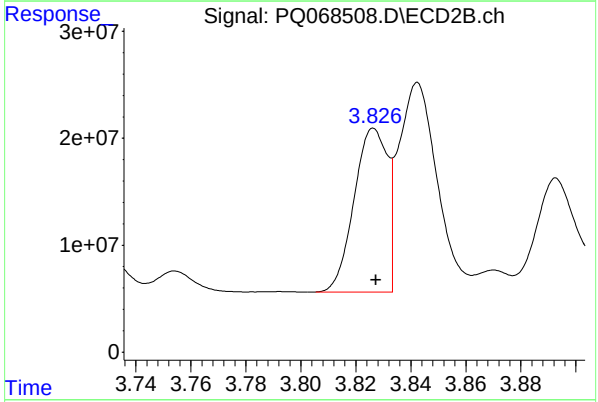
R.T.: 7.599 min
Delta R.T.: -0.001 min
Response: 329706441
Conc: 49.93 ng/ml



#3 AR-1016-1

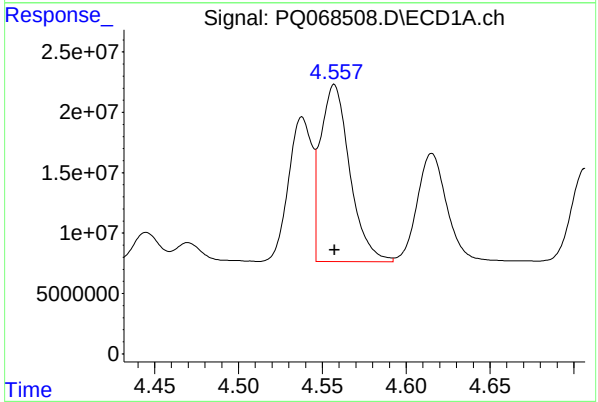
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 116455567
Conc: 498.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



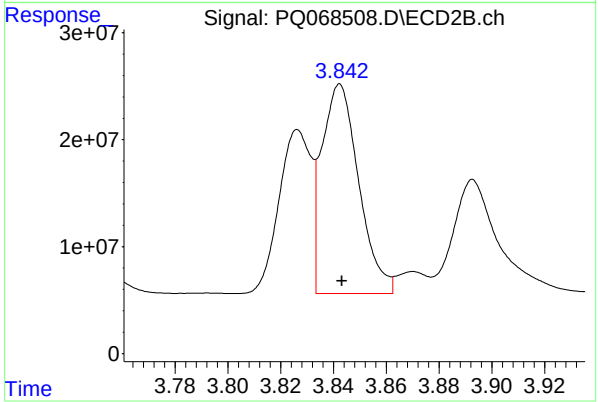
#3 AR-1016-1

R.T.: 3.826 min
Delta R.T.: 0.000 min
Response: 128832683
Conc: 542.52 ng/ml



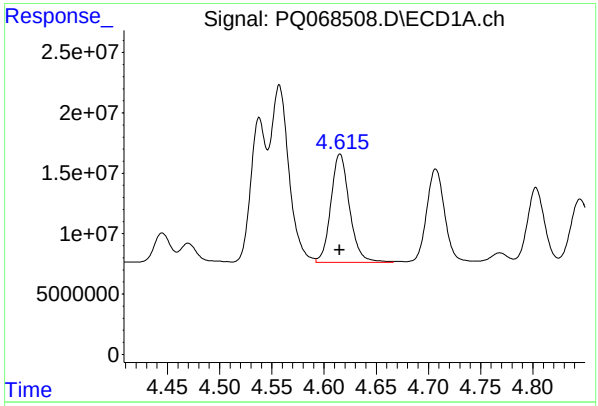
#4 AR-1016-2

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 178032084
Conc: 484.89 ng/ml



#4 AR-1016-2

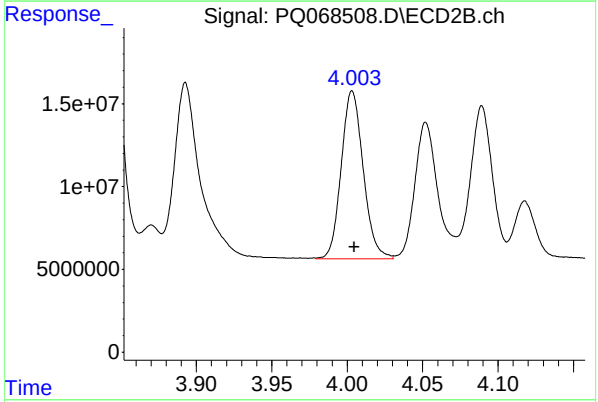
R.T.: 3.842 min
Delta R.T.: 0.000 min
Response: 190870440
Conc: 528.21 ng/ml



#5 AR-1016-3

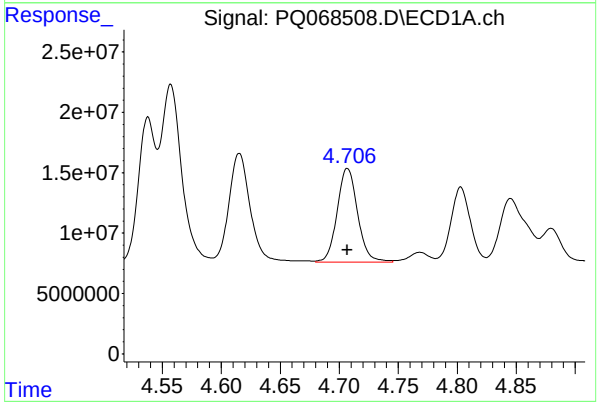
R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 111663839
Conc: 494.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



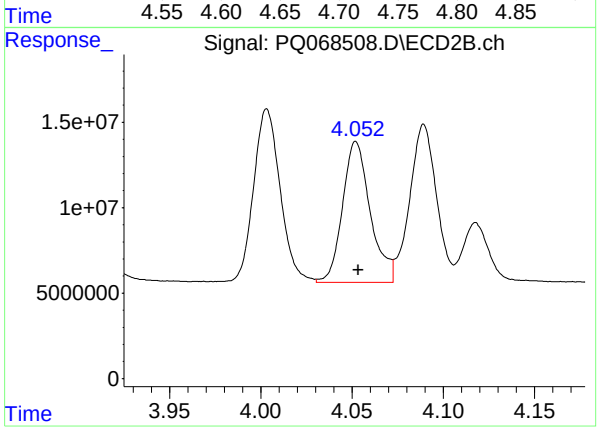
#5 AR-1016-3

R.T.: 4.003 min
Delta R.T.: -0.001 min
Response: 103068286
Conc: 530.64 ng/ml



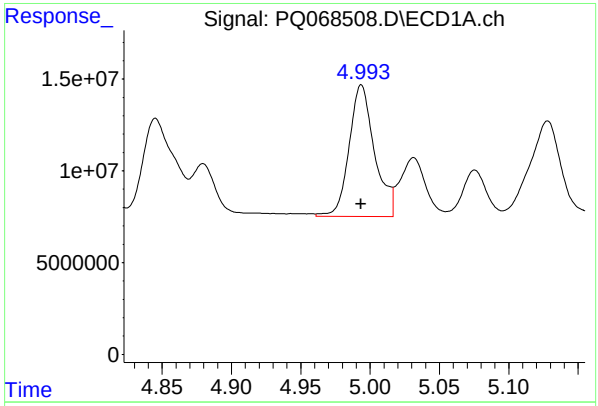
#6 AR-1016-4

R.T.: 4.707 min
Delta R.T.: 0.000 min
Response: 93615512
Conc: 491.69 ng/ml



#6 AR-1016-4

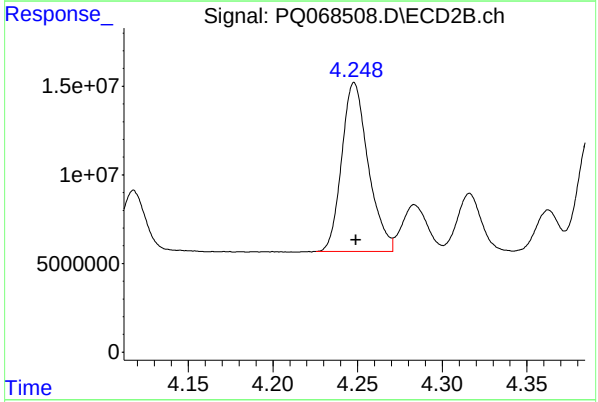
R.T.: 4.052 min
Delta R.T.: -0.001 min
Response: 87196468
Conc: 539.93 ng/ml



#7 AR-1016-5

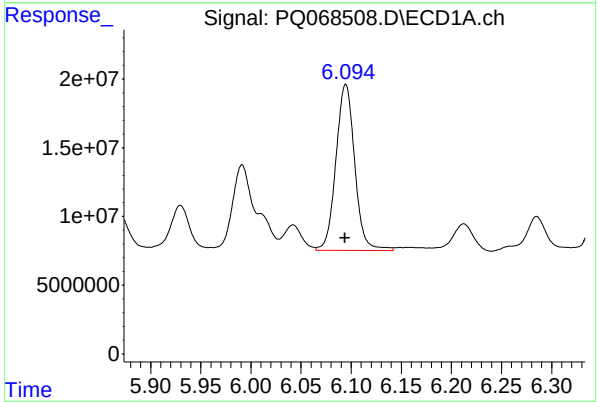
R.T.: 4.994 min
Delta R.T.: 0.000 min
Response: 91377221
Conc: 516.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



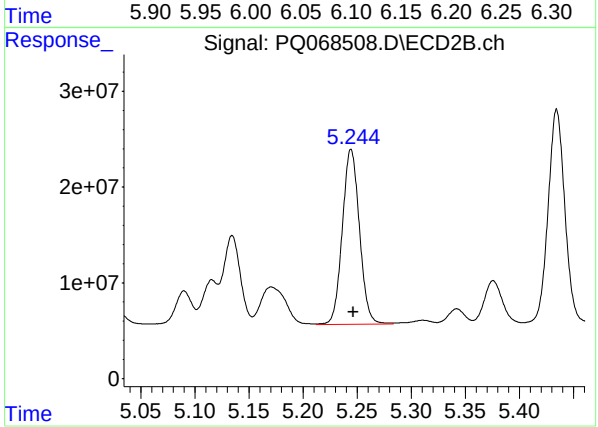
#7 AR-1016-5

R.T.: 4.248 min
Delta R.T.: -0.001 min
Response: 103916458
Conc: 538.01 ng/ml



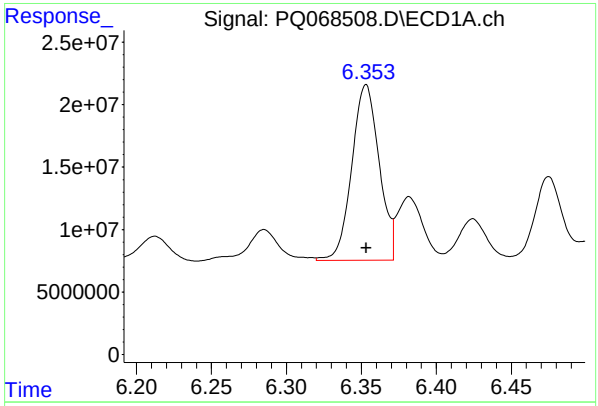
#31 AR-1260-1

R.T.: 6.095 min
Delta R.T.: 0.000 min
Response: 158112712
Conc: 475.46 ng/ml



#31 AR-1260-1

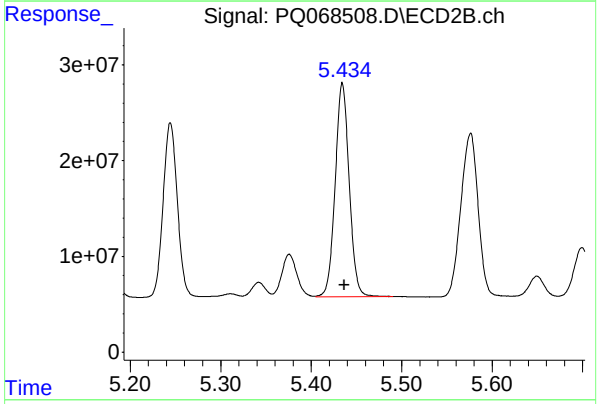
R.T.: 5.244 min
Delta R.T.: -0.002 min
Response: 201703414
Conc: 525.29 ng/ml



#32 AR-1260-2

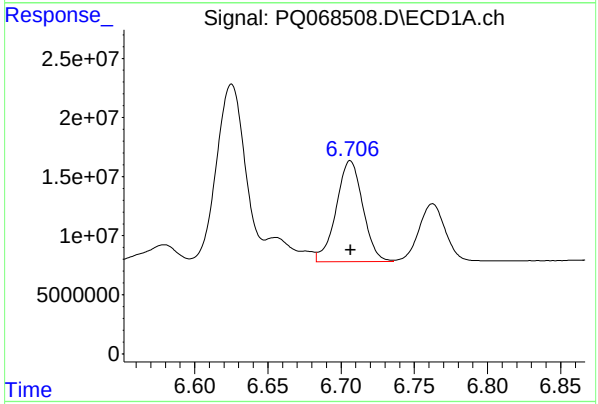
R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 178433851
Conc: 476.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



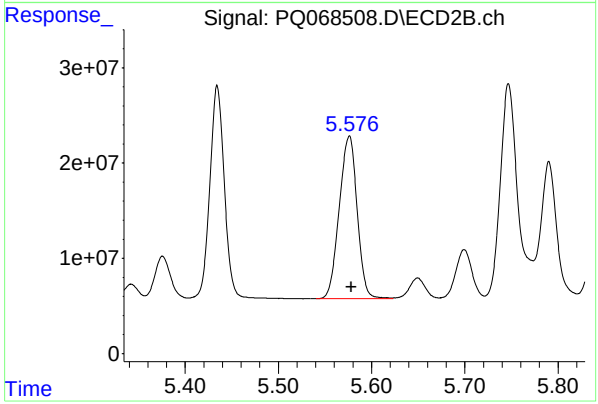
#32 AR-1260-2

R.T.: 5.434 min
Delta R.T.: -0.002 min
Response: 240903195
Conc: 528.53 ng/ml



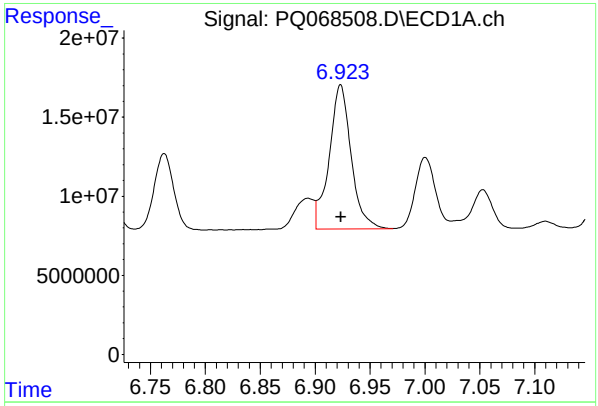
#33 AR-1260-3

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 108438886
Conc: 461.42 ng/ml



#33 AR-1260-3

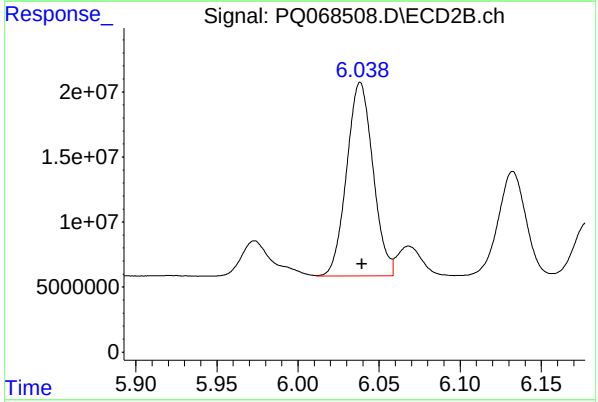
R.T.: 5.576 min
Delta R.T.: -0.002 min
Response: 227558735
Conc: 522.15 ng/ml



#34 AR-1260-4

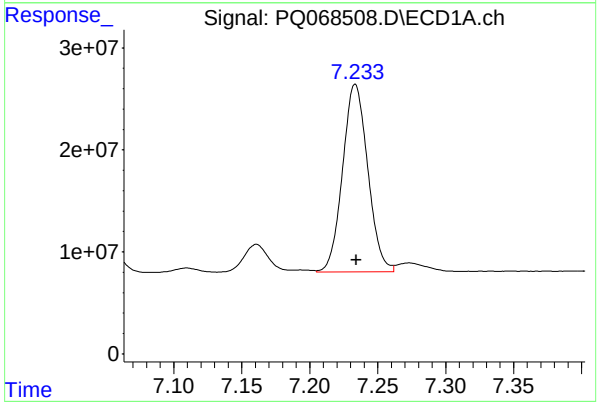
R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 126363985
Conc: 456.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



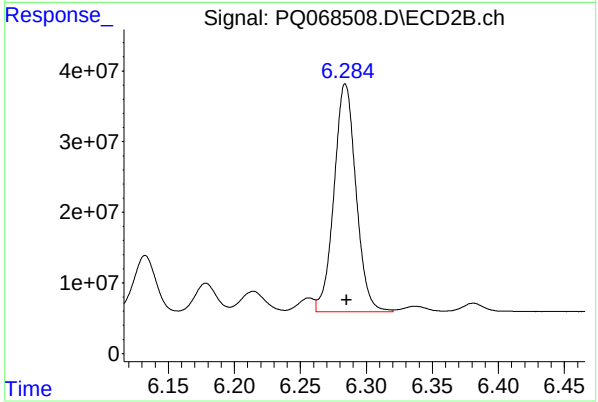
#34 AR-1260-4

R.T.: 6.038 min
Delta R.T.: -0.001 min
Response: 168196669
Conc: 523.50 ng/ml



#35 AR-1260-5

R.T.: 7.233 min
Delta R.T.: 0.000 min
Response: 237625821
Conc: 444.61 ng/ml



#35 AR-1260-5

R.T.: 6.284 min
Delta R.T.: -0.001 min
Response: 374581453
Conc: 514.02 ng/ml

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3845 **SAS No.:** P3845 **SDG NO.:** P3845

Continuing Calib Date: 09/10/2024 **Initial Calibration Date(s):** 09/10/2024 09/10/2024

Continuing Calib Time: 13:12 **Initial Calibration Time(s):** 11:30 12:28

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1221-1	(1)	3.64	3.64	3.54	3.74	0.00
Aroclor-1221-2	(2)	3.72	3.72	3.62	3.82	0.00
Aroclor-1221-3	(3)	3.79	3.79	3.69	3.89	0.00
Tetrachloro-m-xylene		3.44	3.44	3.34	3.54	0.00
Decachlorobiphenyl		8.61	8.61	8.51	8.71	0.00

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3845 **SAS No.:** P3845 **SDG NO.:** P3845

Continuing Calib Date: 09/10/2024 **Initial Calibration Date(s):** 09/10/2024 09/10/2024

Continuing Calib Time: 13:12 **Initial Calibration Time(s):** 11:30 12:28

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1221-1	(1)	3.02	3.02	2.92	3.12	0.00
Aroclor-1221-2	(2)	3.10	3.10	3.00	3.20	0.00
Aroclor-1221-3	(3)	3.17	3.17	3.07	3.27	0.00
Tetrachloro-m-xylene		2.82	2.82	2.72	2.92	0.00
Decachlorobiphenyl		7.60	7.60	7.50	7.70	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3845 **SAS No.:** P3845 **SDG NO.:** P3845

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/10/2024 09/10/2024

Client Sample No.: CCAL05 **Date Analyzed:** 09/10/2024

Lab Sample No.: AR1221CCC500 **Data File :** PQ068509.D **Time Analyzed:** 13:12

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1221-1	3.638	3.538	3.738	520.320	500.000	4.1
Aroclor-1221-2	3.717	3.617	3.817	521.030	500.000	4.2
Aroclor-1221-3	3.787	3.686	3.886	520.480	500.000	4.1
Decachlorobiphenyl	8.610	8.511	8.711	42.420	50.000	-15.2
Tetrachloro-m-xylene	3.438	3.338	3.538	48.720	50.000	-2.6

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3845 **SAS No.:** P3845 **SDG NO.:** P3845

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/10/2024 09/10/2024

Client Sample No.: CCAL05 **Date Analyzed:** 09/10/2024

Lab Sample No.: AR1221CCC500 **Data File :** PQ068509.D **Time Analyzed:** 13:12

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1221-1	3.021	2.921	3.121	515.450	500.000	3.1
Aroclor-1221-2	3.098	2.998	3.198	517.140	500.000	3.4
Aroclor-1221-3	3.166	3.067	3.267	508.430	500.000	1.7
Decachlorobiphenyl	7.598	7.499	7.699	45.510	50.000	-9.0
Tetrachloro-m-xylene	2.821	2.721	2.921	48.760	50.000	-2.5

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091024\
Data File : PQ068509.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 13:12
Operator : YP\AJ
Sample : AR1221CCC500
Misc :
ALS Vial : 143 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 01:17:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 10 13:06:53 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.821	347.9E6	347.3E6	48.722	48.758
2)	SA Decachlor...	8.610	7.598	184.9E6	300.5E6	42.423	45.510
	Target Compounds						
8)	L2 AR-1221-1	3.638	3.021	41974144	45797430	520.319	515.448
9)	L2 AR-1221-2	3.717	3.098	31396269	35450533	521.032	517.137
10)	L2 AR-1221-3	3.787	3.166	94430396	100.5E6	520.484	508.435

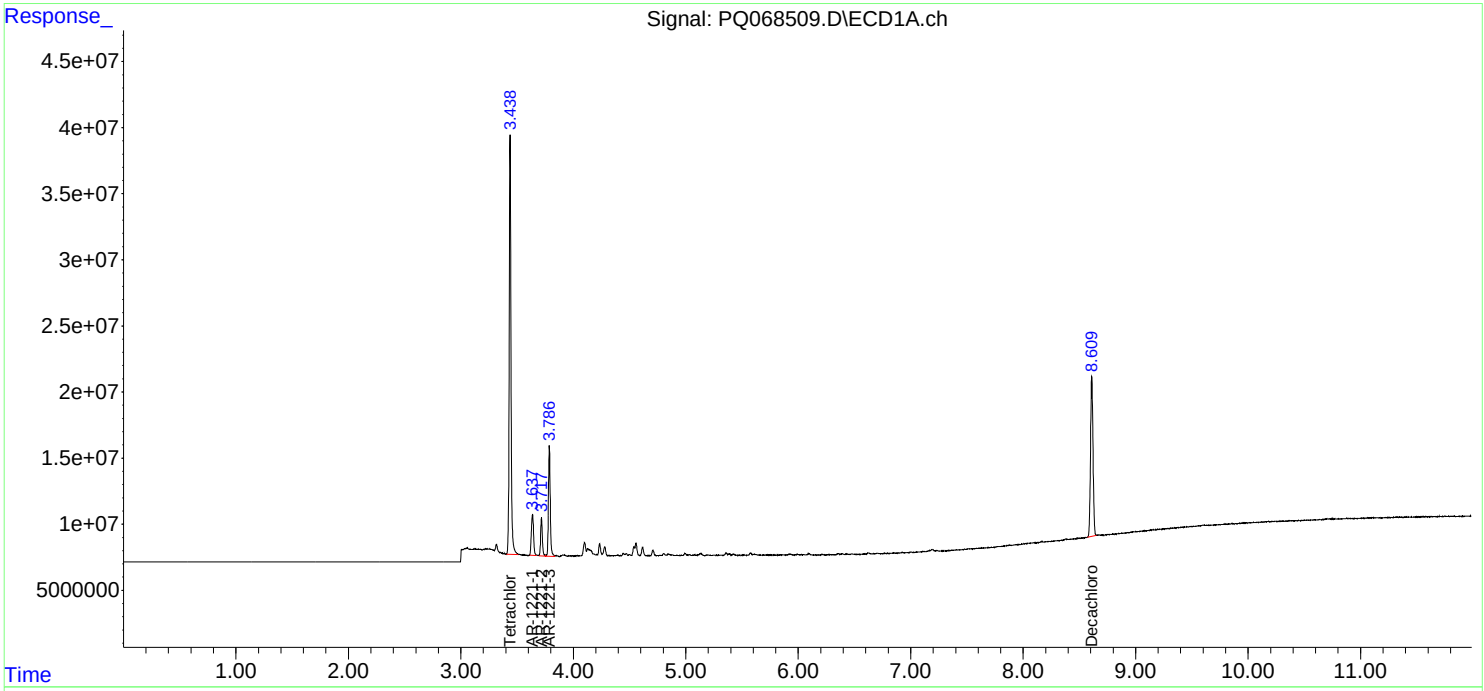
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

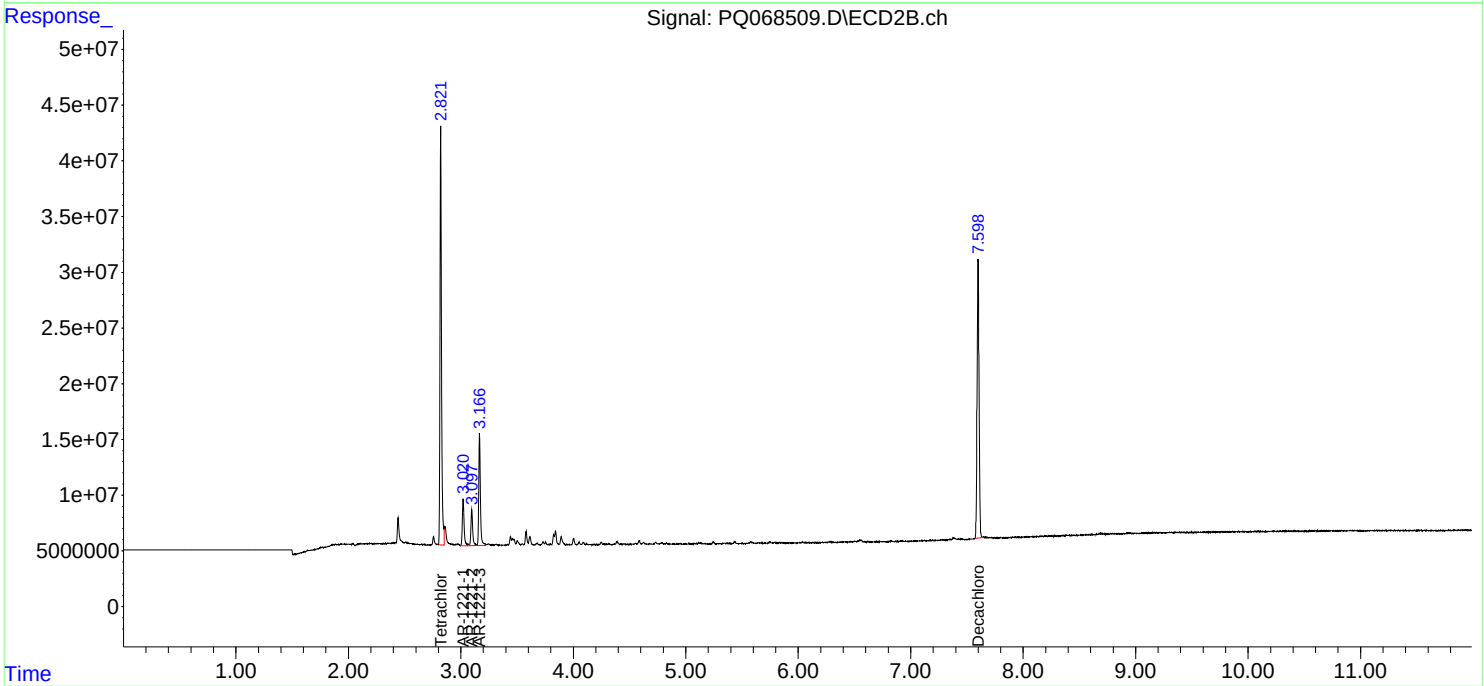
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091024\
Data File : PQ068509.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 13:12
Operator : YP\AJ
Sample : AR1221CCC500
Misc :
ALS Vial : 143 Sample Multiplier: 1

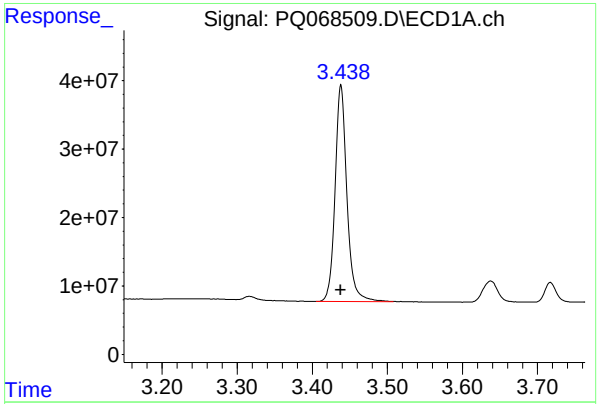
Instrument :
ECD_Q
ClientSampleId :
AR1221CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 01:17:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 10 13:06:53 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



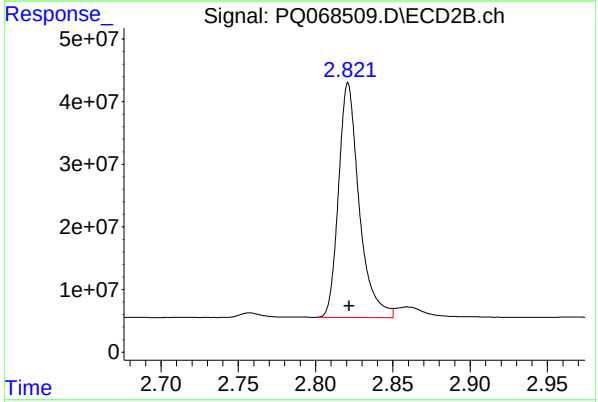




#1 Tetrachloro-m-xylene

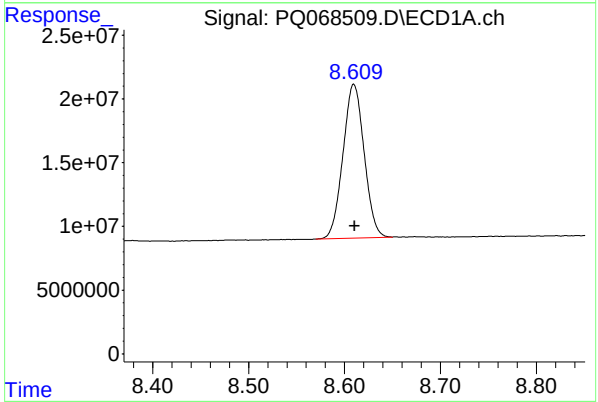
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 347908435
Conc: 48.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC500



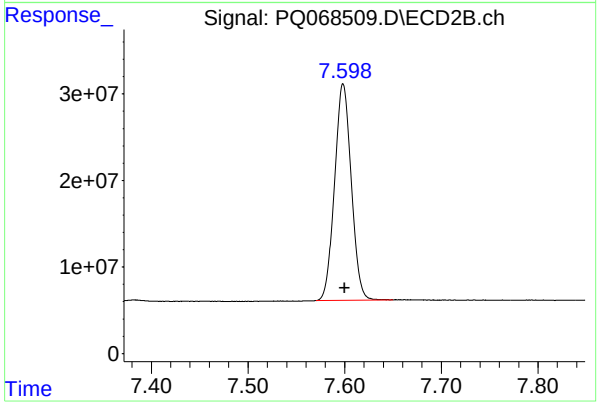
#1 Tetrachloro-m-xylene

R.T.: 2.821 min
Delta R.T.: 0.000 min
Response: 347272542
Conc: 48.76 ng/ml



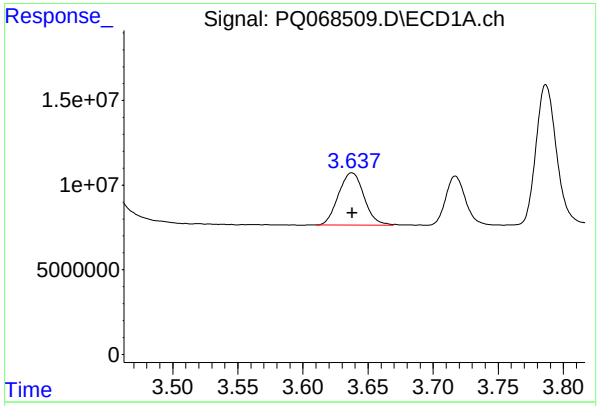
#2 Decachlorobiphenyl

R.T.: 8.610 min
Delta R.T.: 0.000 min
Response: 184888716
Conc: 42.42 ng/ml



#2 Decachlorobiphenyl

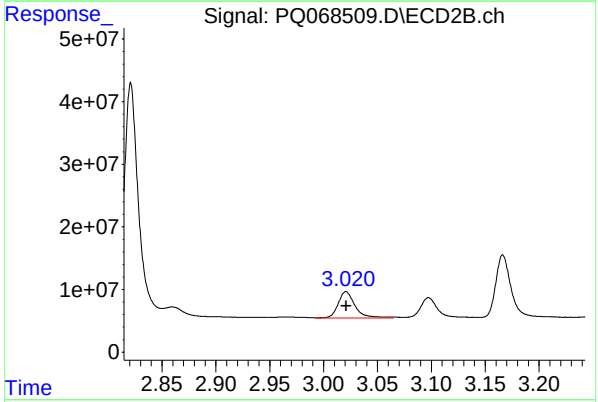
R.T.: 7.598 min
Delta R.T.: -0.002 min
Response: 300538796
Conc: 45.51 ng/ml



#8 AR-1221-1

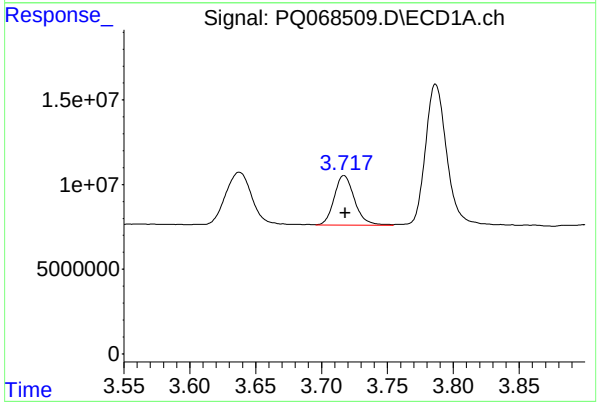
R.T.: 3.638 min
Delta R.T.: 0.000 min
Response: 41974144
Conc: 520.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC500



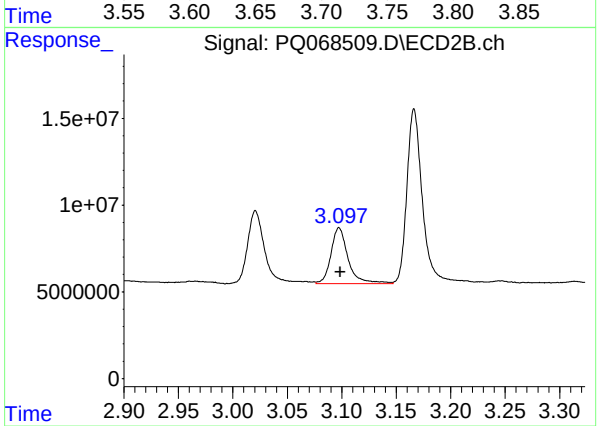
#8 AR-1221-1

R.T.: 3.021 min
Delta R.T.: 0.000 min
Response: 45797430
Conc: 515.45 ng/ml



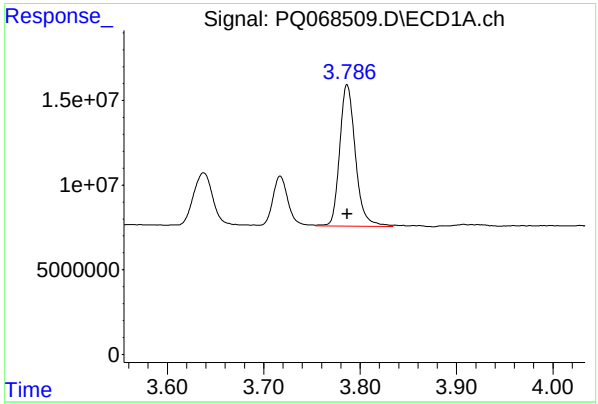
#9 AR-1221-2

R.T.: 3.717 min
Delta R.T.: 0.000 min
Response: 31396269
Conc: 521.03 ng/ml



#9 AR-1221-2

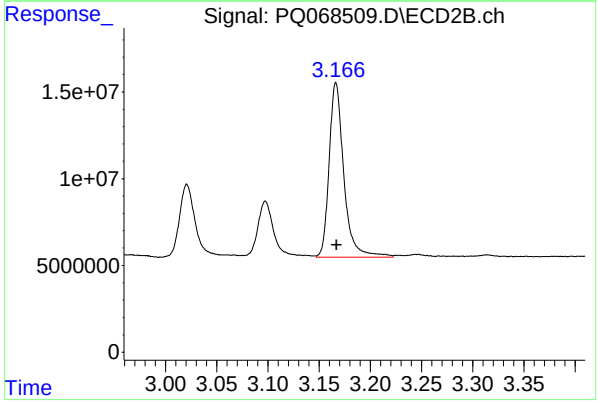
R.T.: 3.098 min
Delta R.T.: -0.001 min
Response: 35450533
Conc: 517.14 ng/ml



#10 AR-1221-3

R.T.: 3.787 min
Delta R.T.: 0.000 min
Response: 94430396
Conc: 520.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC500



#10 AR-1221-3

R.T.: 3.166 min
Delta R.T.: 0.000 min
Response: 100490950
Conc: 508.43 ng/ml

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3845 **SAS No.:** P3845 **SDG NO.:** P3845

Continuing Calib Date: 09/10/2024 **Initial Calibration Date(s):** 09/06/2024 09/06/2024

Continuing Calib Time: 15:23 **Initial Calibration Time(s):** 13:44 20:18

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.54	4.54	4.44	4.64	0.00
Aroclor-1016-2	(2)	4.56	4.56	4.46	4.66	0.00
Aroclor-1016-3	(3)	4.62	4.62	4.52	4.72	0.01
Aroclor-1016-4	(4)	4.71	4.71	4.61	4.81	0.00
Aroclor-1016-5	(5)	4.99	4.99	4.89	5.09	0.00
Aroclor-1260-1	(1)	6.09	6.09	5.99	6.19	0.00
Aroclor-1260-2	(2)	6.35	6.35	6.25	6.45	0.00
Aroclor-1260-3	(3)	6.71	6.71	6.61	6.81	0.00
Aroclor-1260-4	(4)	6.92	6.92	6.82	7.02	0.00
Aroclor-1260-5	(5)	7.23	7.23	7.13	7.33	0.00
Tetrachloro-m-xylene		3.44	3.44	3.34	3.54	0.00
Decachlorobiphenyl		8.61	8.61	8.51	8.71	0.00

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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3845 **SAS No.:** P3845 **SDG NO.:** P3845

Continuing Calib Date: 09/10/2024 **Initial Calibration Date(s):** 09/06/2024 09/06/2024

Continuing Calib Time: 15:23 **Initial Calibration Time(s):** 13:44 20:18

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	3.83	3.83	3.73	3.93	0.00
Aroclor-1016-2	(2)	3.84	3.84	3.74	3.94	0.00
Aroclor-1016-3	(3)	4.00	4.01	3.91	4.11	0.01
Aroclor-1016-4	(4)	4.05	4.05	3.95	4.15	0.00
Aroclor-1016-5	(5)	4.25	4.25	4.15	4.35	0.00
Aroclor-1260-1	(1)	5.25	5.25	5.15	5.35	0.01
Aroclor-1260-2	(2)	5.44	5.44	5.34	5.54	0.01
Aroclor-1260-3	(3)	5.58	5.58	5.48	5.68	0.00
Aroclor-1260-4	(4)	6.04	6.04	5.94	6.14	0.00
Aroclor-1260-5	(5)	6.28	6.29	6.19	6.39	0.01
Tetrachloro-m-xylene		2.82	2.82	2.72	2.92	0.00
Decachlorobiphenyl		7.60	7.60	7.50	7.70	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3845 **SAS No.:** P3845 **SDG NO.:** P3845

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/06/2024 09/06/2024

Client Sample No.: CCAL06 **Date Analyzed:** 09/10/2024

Lab Sample No.: AR1660CCC500 **Data File :** PQ068518.D **Time Analyzed:** 15:23

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.538	4.438	4.638	506.810	500.000	1.4
Aroclor-1016-2	4.557	4.457	4.657	493.380	500.000	-1.3
Aroclor-1016-3	4.615	4.515	4.715	505.600	500.000	1.1
Aroclor-1016-4	4.707	4.607	4.807	502.110	500.000	0.4
Aroclor-1016-5	4.994	4.893	5.093	529.900	500.000	6.0
Aroclor-1260-1	6.094	5.994	6.194	486.330	500.000	-2.7
Aroclor-1260-2	6.353	6.253	6.453	482.500	500.000	-3.5
Aroclor-1260-3	6.707	6.607	6.807	464.670	500.000	-7.1
Aroclor-1260-4	6.923	6.823	7.023	456.990	500.000	-8.6
Aroclor-1260-5	7.234	7.134	7.334	448.360	500.000	-10.3
Decachlorobiphenyl	8.609	8.510	8.710	46.850	50.000	-6.3
Tetrachloro-m-xylene	3.438	3.338	3.538	52.080	50.000	4.2

Alliance TECHNICAL GROUP

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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3845 **SAS No.:** P3845 **SDG NO.:** P3845

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/06/2024 09/06/2024

Client Sample No.: CCAL06 **Date Analyzed:** 09/10/2024

Lab Sample No.: AR1660CCC500 **Data File :** PQ068518.D **Time Analyzed:** 15:23

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.826	3.727	3.927	536.750	500.000	7.4
Aroclor-1016-2	3.842	3.743	3.943	529.420	500.000	5.9
Aroclor-1016-3	4.003	3.905	4.105	531.250	500.000	6.3
Aroclor-1016-4	4.052	3.953	4.153	538.850	500.000	7.8
Aroclor-1016-5	4.248	4.149	4.349	538.700	500.000	7.7
Aroclor-1260-1	5.245	5.146	5.346	524.330	500.000	4.9
Aroclor-1260-2	5.435	5.336	5.536	527.060	500.000	5.4
Aroclor-1260-3	5.576	5.478	5.678	521.520	500.000	4.3
Aroclor-1260-4	6.038	5.939	6.139	522.600	500.000	4.5
Aroclor-1260-5	6.284	6.185	6.385	513.660	500.000	2.7
Decachlorobiphenyl	7.598	7.500	7.700	49.990	50.000	0.0
Tetrachloro-m-xylene	2.821	2.722	2.922	53.220	50.000	6.4

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091024\
Data File : PQ068518.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 15:23
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 01:25:04 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 10 13:06:53 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.821	371.9E6	379.0E6	52.078	53.218
2)	SA Decachlor...	8.609	7.598	204.2E6	330.1E6	46.851	49.991
	Target Compounds						
3)	L1 AR-1016-1	4.538	3.826	118.4E6	127.5E6	506.812	536.747
4)	L1 AR-1016-2	4.557	3.842	181.1E6	191.3E6	493.384	529.419
5)	L1 AR-1016-3	4.615	4.003	114.3E6	103.2E6	505.596	531.247
6)	L1 AR-1016-4	4.707	4.052	95598510	87022921	502.110	538.851
7)	L1 AR-1016-5	4.994	4.248	93689318	104.0E6	529.898	538.696
31)	L7 AR-1260-1	6.094	5.245	161.7E6	201.3E6	486.334	524.332
32)	L7 AR-1260-2	6.353	5.435	180.9E6	240.2E6	482.502	527.060
33)	L7 AR-1260-3	6.707	5.576	109.2E6	227.3E6	464.672	521.517
34)	L7 AR-1260-4	6.923	6.038	126.6E6	167.9E6	456.994	522.604
35)	L7 AR-1260-5	7.234	6.284	239.6E6	374.3E6	448.360	513.664

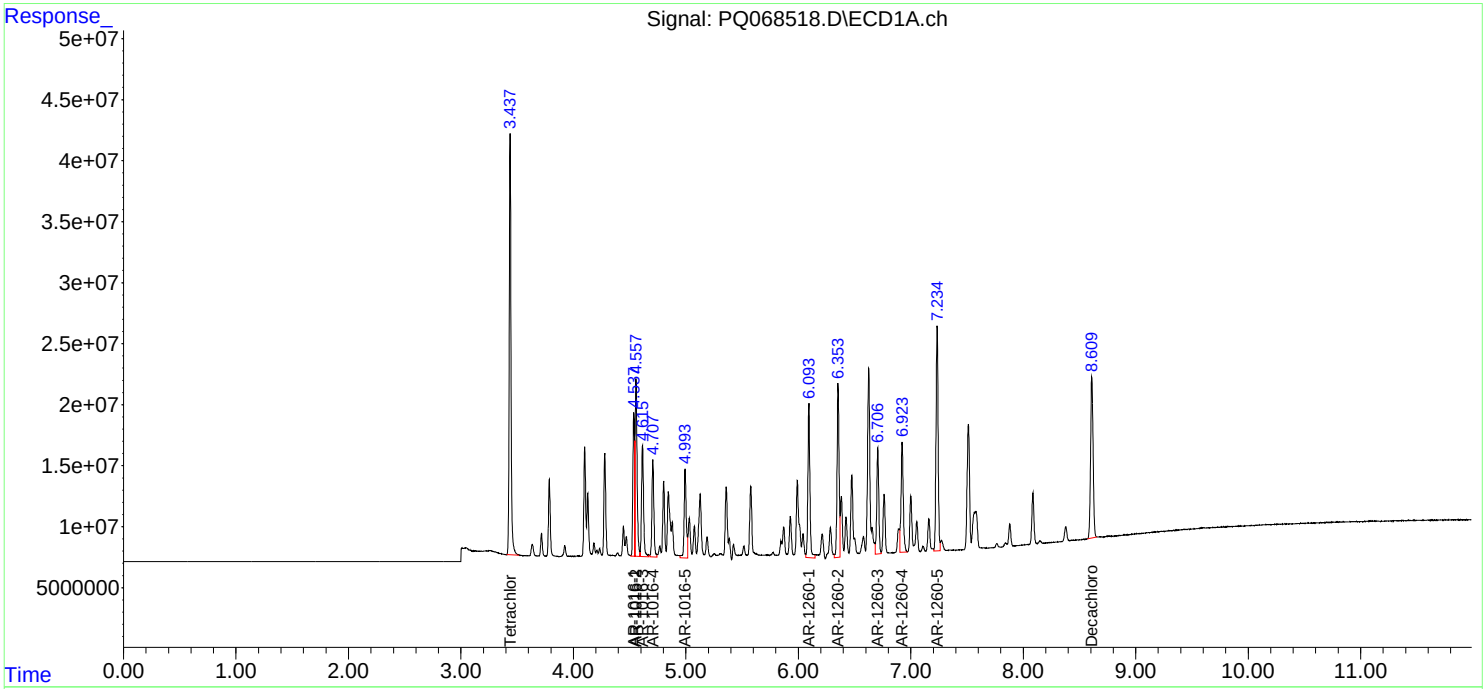
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

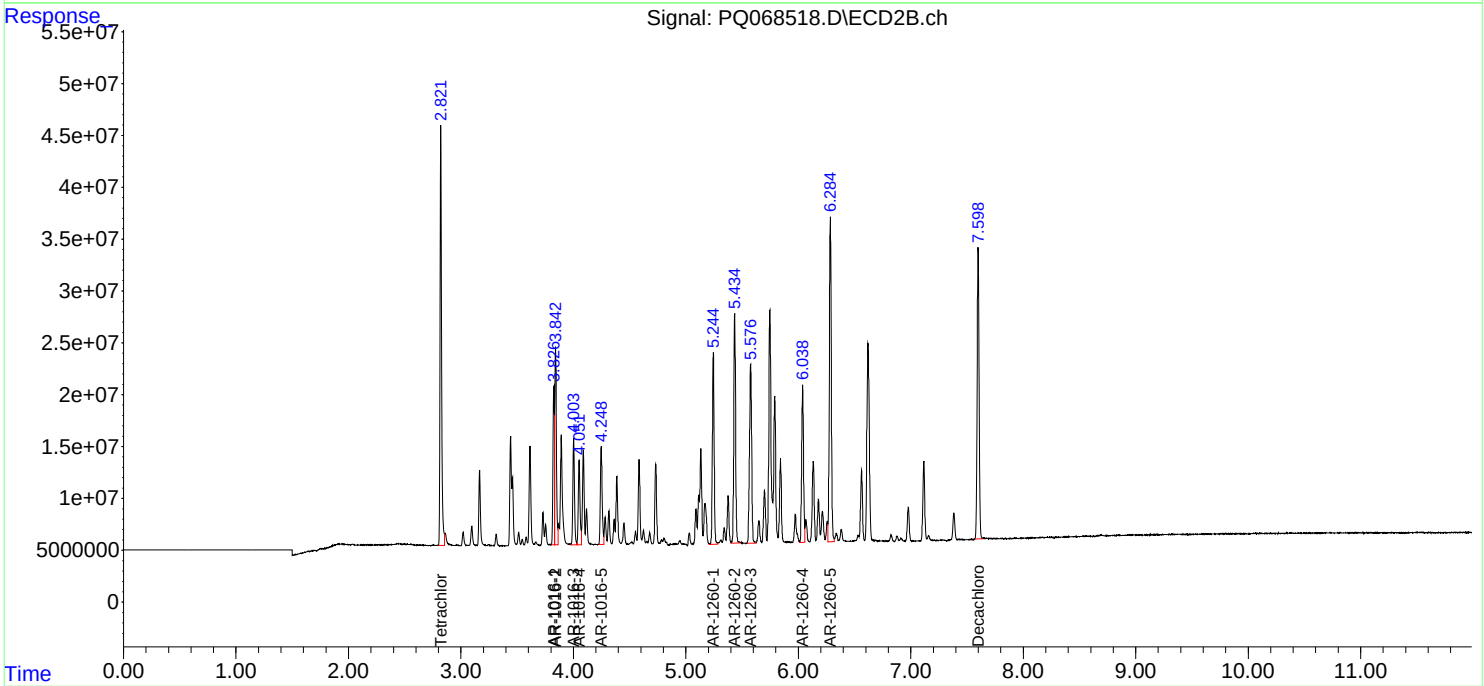
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091024\
Data File : PQ068518.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 15:23
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

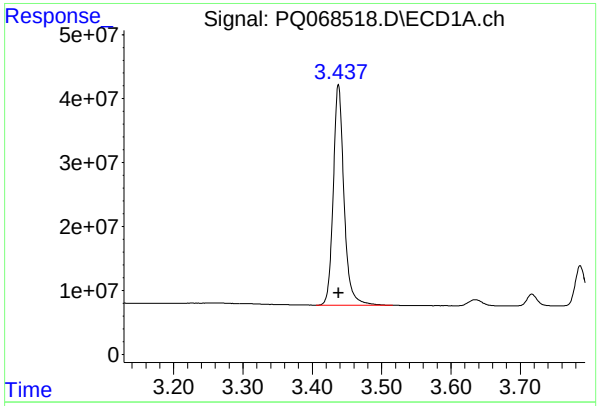
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 01:25:04 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 10 13:06:53 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



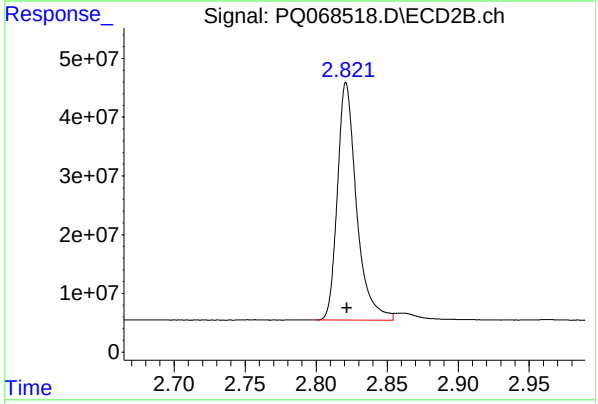




#1 Tetrachloro-m-xylene

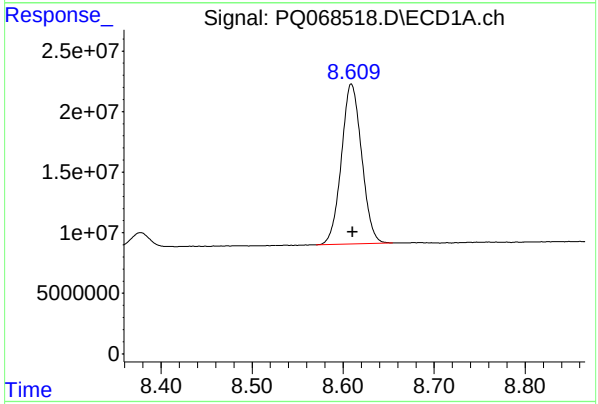
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 371868994
Conc: 52.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



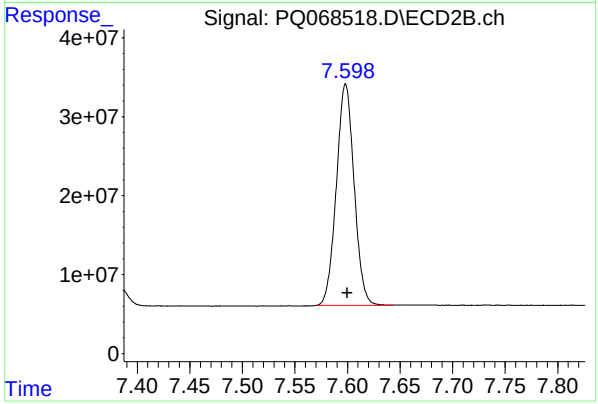
#1 Tetrachloro-m-xylene

R.T.: 2.821 min
Delta R.T.: 0.000 min
Response: 379035272
Conc: 53.22 ng/ml



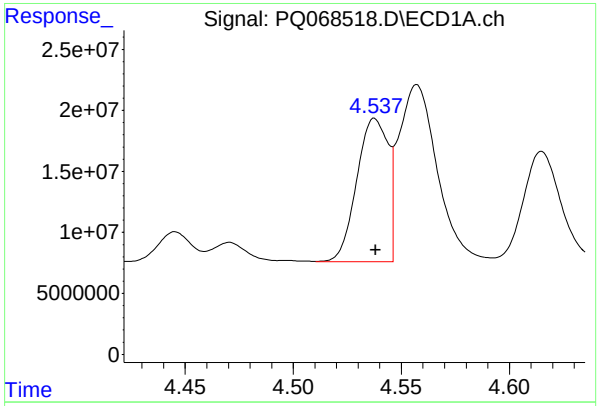
#2 Decachlorobiphenyl

R.T.: 8.609 min
Delta R.T.: -0.001 min
Response: 204187064
Conc: 46.85 ng/ml



#2 Decachlorobiphenyl

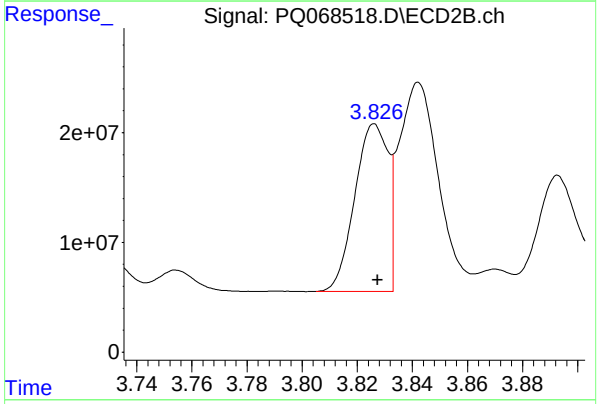
R.T.: 7.598 min
Delta R.T.: -0.002 min
Response: 330131387
Conc: 49.99 ng/ml



#3 AR-1016-1

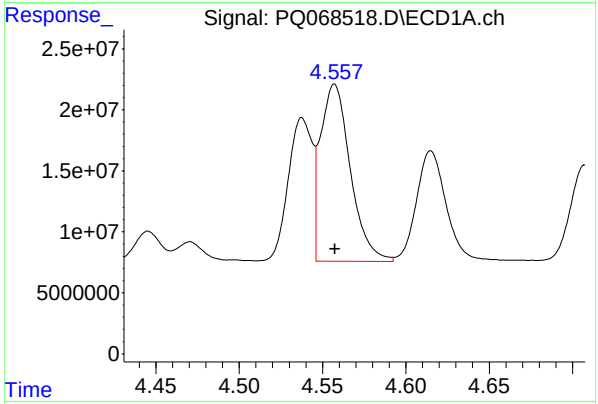
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 118424222
Conc: 506.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



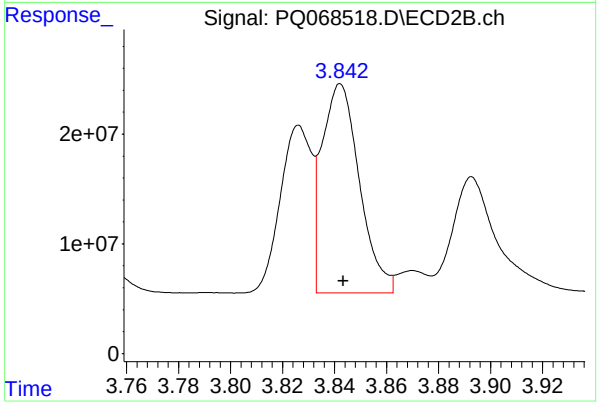
#3 AR-1016-1

R.T.: 3.826 min
Delta R.T.: -0.001 min
Response: 127461222
Conc: 536.75 ng/ml



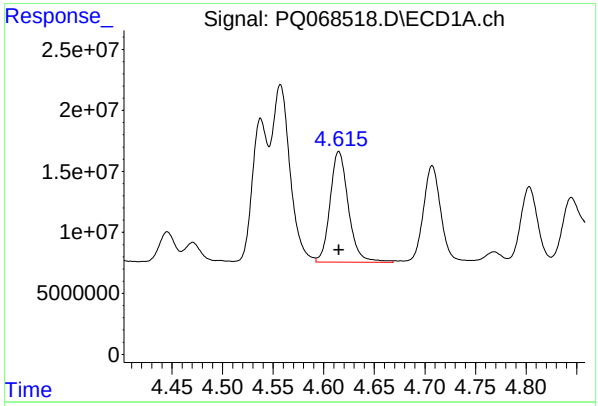
#4 AR-1016-2

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 181149141
Conc: 493.38 ng/ml



#4 AR-1016-2

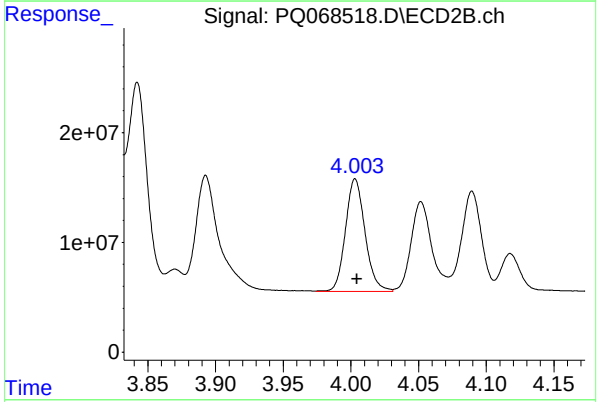
R.T.: 3.842 min
Delta R.T.: -0.001 min
Response: 191306803
Conc: 529.42 ng/ml



#5 AR-1016-3

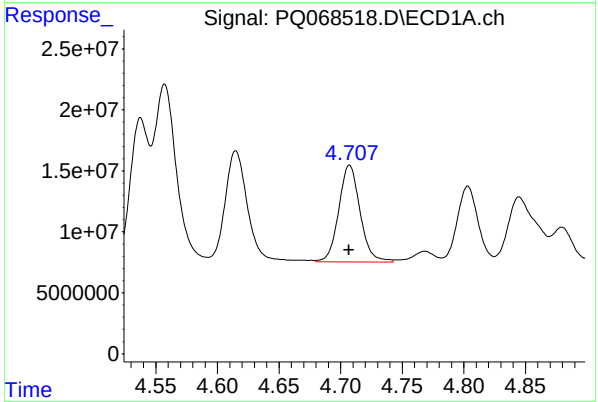
R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 114282172
Conc: 505.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



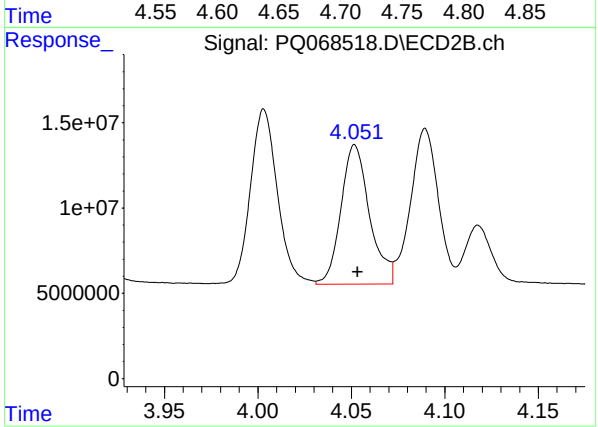
#5 AR-1016-3

R.T.: 4.003 min
Delta R.T.: -0.001 min
Response: 103185549
Conc: 531.25 ng/ml



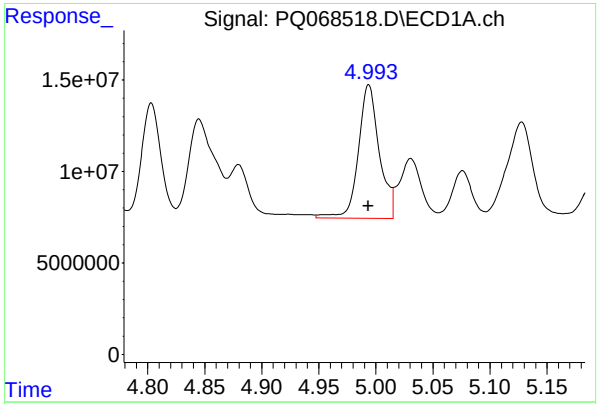
#6 AR-1016-4

R.T.: 4.707 min
Delta R.T.: 0.000 min
Response: 95598510
Conc: 502.11 ng/ml



#6 AR-1016-4

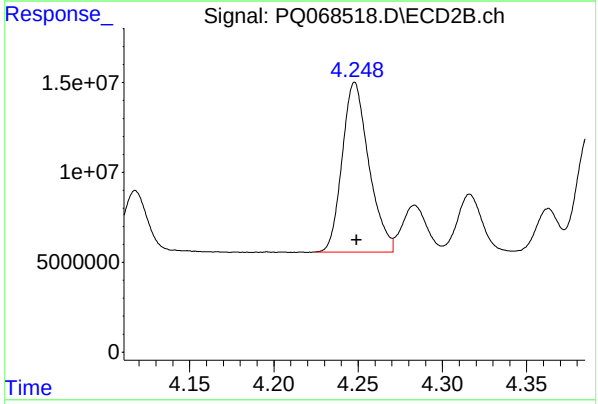
R.T.: 4.052 min
Delta R.T.: -0.002 min
Response: 87022921
Conc: 538.85 ng/ml



#7 AR-1016-5

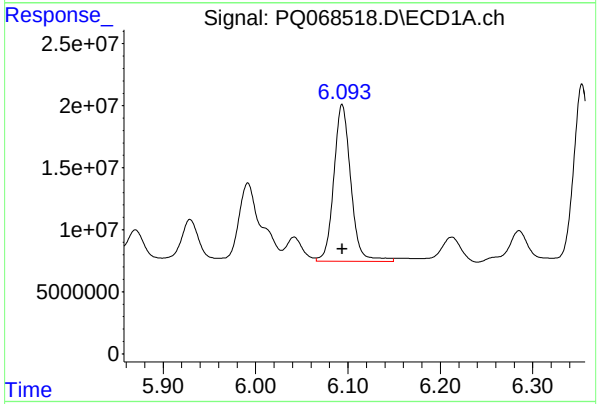
R.T.: 4.994 min
Delta R.T.: 0.000 min
Response: 93689318
Conc: 529.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



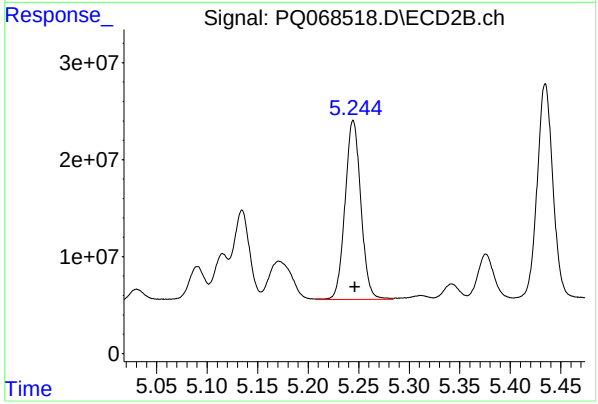
#7 AR-1016-5

R.T.: 4.248 min
Delta R.T.: -0.001 min
Response: 104049303
Conc: 538.70 ng/ml



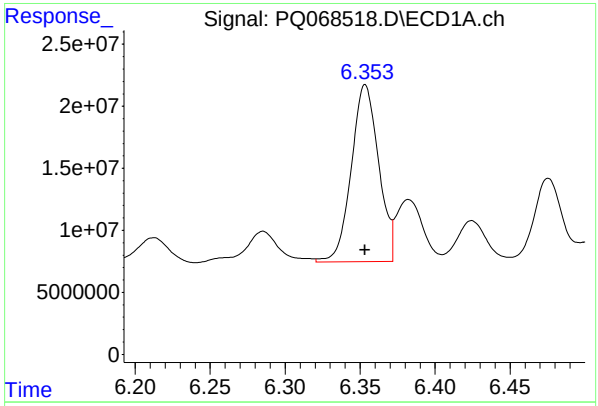
#31 AR-1260-1

R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 161730461
Conc: 486.33 ng/ml



#31 AR-1260-1

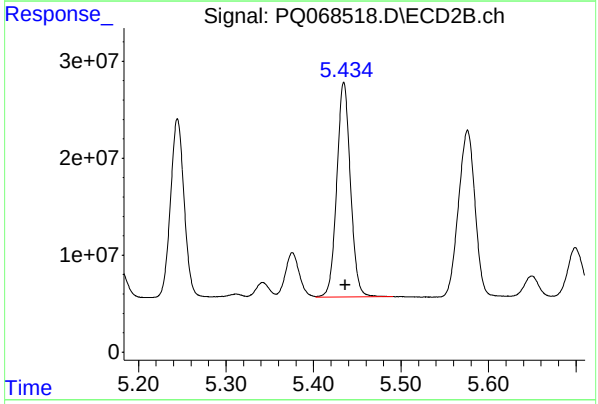
R.T.: 5.245 min
Delta R.T.: -0.002 min
Response: 201335585
Conc: 524.33 ng/ml



#32 AR-1260-2

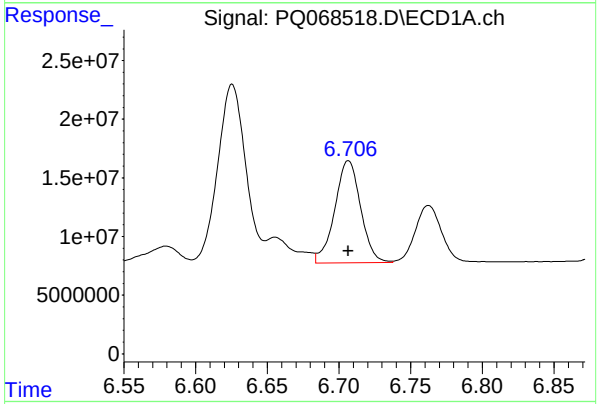
R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 180854978
Conc: 482.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



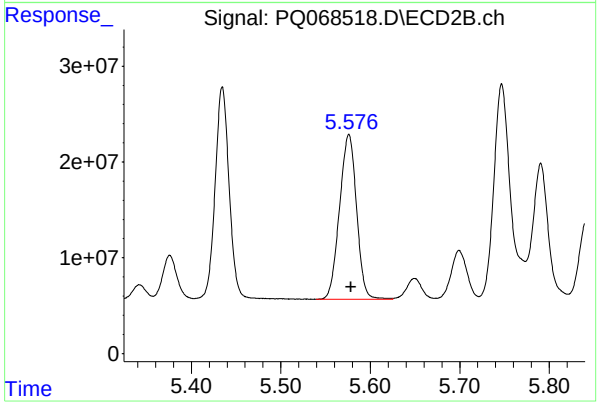
#32 AR-1260-2

R.T.: 5.435 min
Delta R.T.: -0.002 min
Response: 240233012
Conc: 527.06 ng/ml



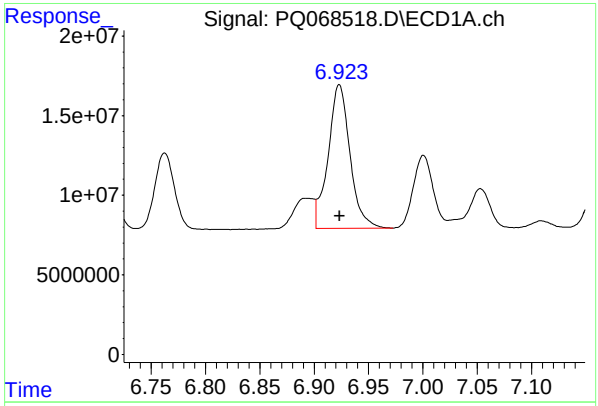
#33 AR-1260-3

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 109202935
Conc: 464.67 ng/ml



#33 AR-1260-3

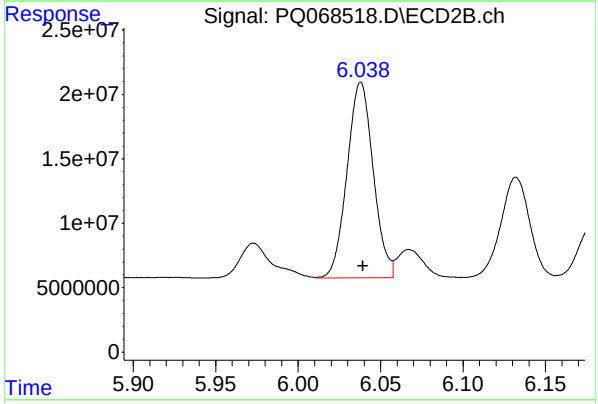
R.T.: 5.576 min
Delta R.T.: -0.002 min
Response: 227284739
Conc: 521.52 ng/ml



#34 AR-1260-4

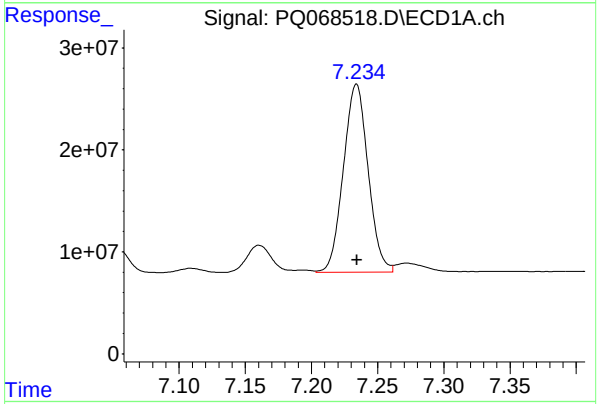
R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 126636366
Conc: 456.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



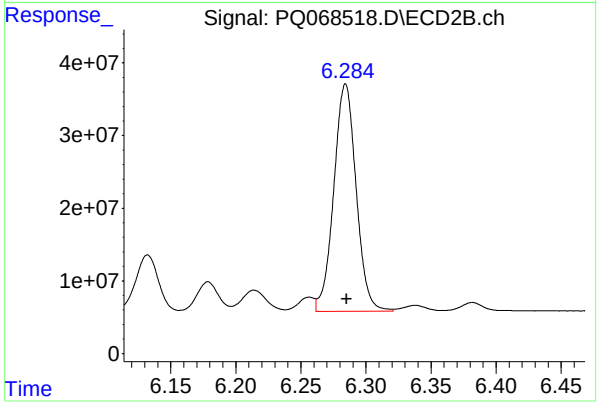
#34 AR-1260-4

R.T.: 6.038 min
Delta R.T.: -0.001 min
Response: 167910147
Conc: 522.60 ng/ml



#35 AR-1260-5

R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 239629933
Conc: 448.36 ng/ml



#35 AR-1260-5

R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 374322568
Conc: 513.66 ng/ml

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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3845 **SAS No.:** P3845 **SDG NO.:** P3845

Continuing Calib Date: 09/10/2024 **Initial Calibration Date(s):** 09/10/2024 09/10/2024

Continuing Calib Time: 15:38 **Initial Calibration Time(s):** 11:30 12:28

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1221-1	(1)	3.64	3.64	3.54	3.74	0.00
Aroclor-1221-2	(2)	3.72	3.72	3.62	3.82	0.00
Aroclor-1221-3	(3)	3.79	3.79	3.69	3.89	0.00
Tetrachloro-m-xylene		3.44	3.44	3.34	3.54	0.00
Decachlorobiphenyl		8.61	8.61	8.51	8.71	0.00

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3845 **SAS No.:** P3845 **SDG NO.:** P3845

Continuing Calib Date: 09/10/2024 **Initial Calibration Date(s):** 09/10/2024 09/10/2024

Continuing Calib Time: 15:38 **Initial Calibration Time(s):** 11:30 12:28

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1221-1	(1)	3.02	3.02	2.92	3.12	0.00
Aroclor-1221-2	(2)	3.10	3.10	3.00	3.20	0.00
Aroclor-1221-3	(3)	3.17	3.17	3.07	3.27	0.00
Tetrachloro-m-xylene		2.82	2.82	2.72	2.92	0.00
Decachlorobiphenyl		7.60	7.60	7.50	7.70	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3845 **SAS No.:** P3845 **SDG NO.:** P3845

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/10/2024 09/10/2024

Client Sample No.: CCAL07 **Date Analyzed:** 09/10/2024

Lab Sample No.: AR1221CCC500 **Data File :** PQ068519.D **Time Analyzed:** 15:38

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1221-1	3.638	3.538	3.738	524.270	500.000	4.9
Aroclor-1221-2	3.716	3.617	3.817	525.190	500.000	5.0
Aroclor-1221-3	3.787	3.686	3.886	526.400	500.000	5.3
Decachlorobiphenyl	8.611	8.511	8.711	42.880	50.000	-14.2
Tetrachloro-m-xylene	3.438	3.338	3.538	49.040	50.000	-1.9

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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3845 **SAS No.:** P3845 **SDG NO.:** P3845

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/10/2024 09/10/2024

Client Sample No.: CCAL07 **Date Analyzed:** 09/10/2024

Lab Sample No.: AR1221CCC500 **Data File :** PQ068519.D **Time Analyzed:** 15:38

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1221-1	3.021	2.921	3.121	529.520	500.000	5.9
Aroclor-1221-2	3.098	2.998	3.198	515.260	500.000	3.1
Aroclor-1221-3	3.166	3.067	3.267	514.210	500.000	2.8
Decachlorobiphenyl	7.599	7.499	7.699	45.880	50.000	-8.2
Tetrachloro-m-xylene	2.821	2.721	2.921	48.840	50.000	-2.3

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091024\
Data File : PQ068519.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 15:38
Operator : YP\AJ
Sample : AR1221CCC500
Misc :
ALS Vial : 143 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 01:25:56 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 10 13:06:53 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.821	350.2E6	347.9E6	49.039	48.841
2)	SA Decachlor...	8.611	7.599	186.9E6	303.0E6	42.879	45.883
	Target Compounds						
8)	L2 AR-1221-1	3.638	3.021	42292827	47047848	524.270	529.521
9)	L2 AR-1221-2	3.716	3.098	31646545	35322146	525.186	515.265
10)	L2 AR-1221-3	3.787	3.166	95503617	101.6E6	526.399	514.211

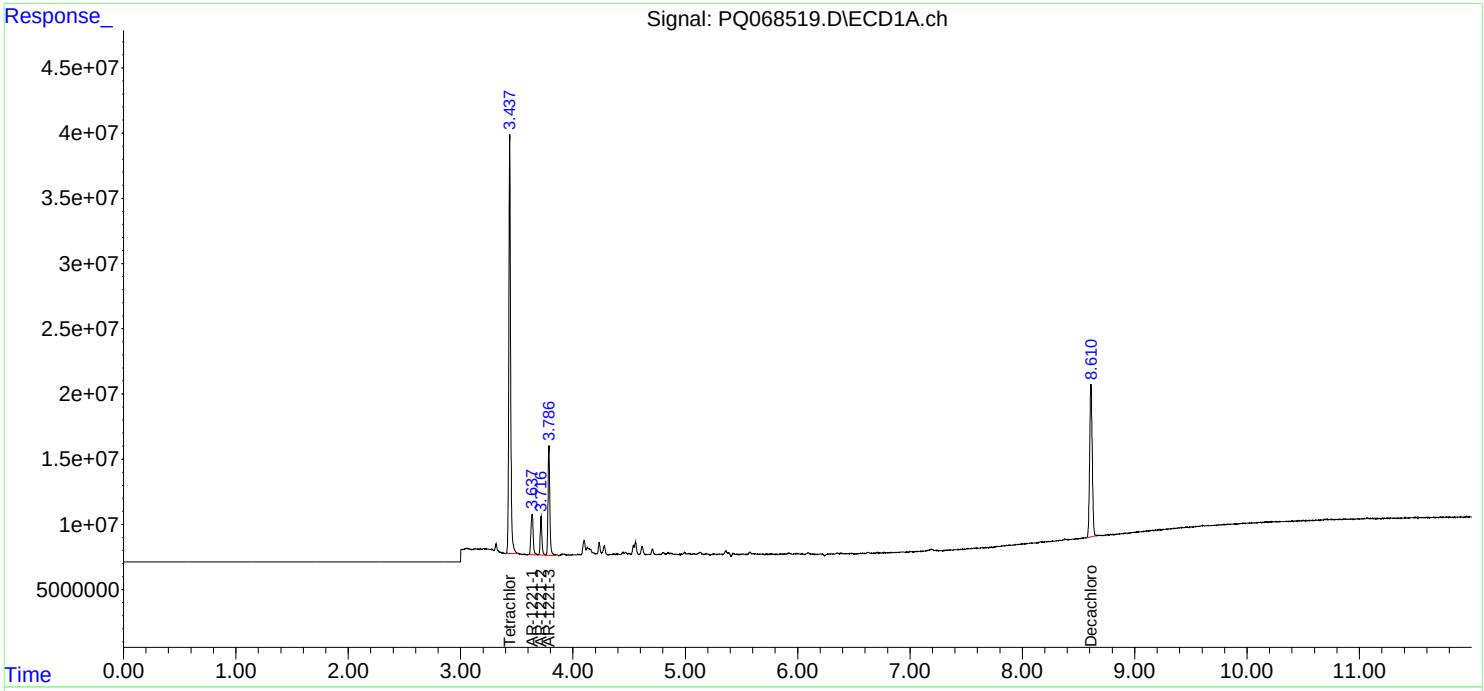
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

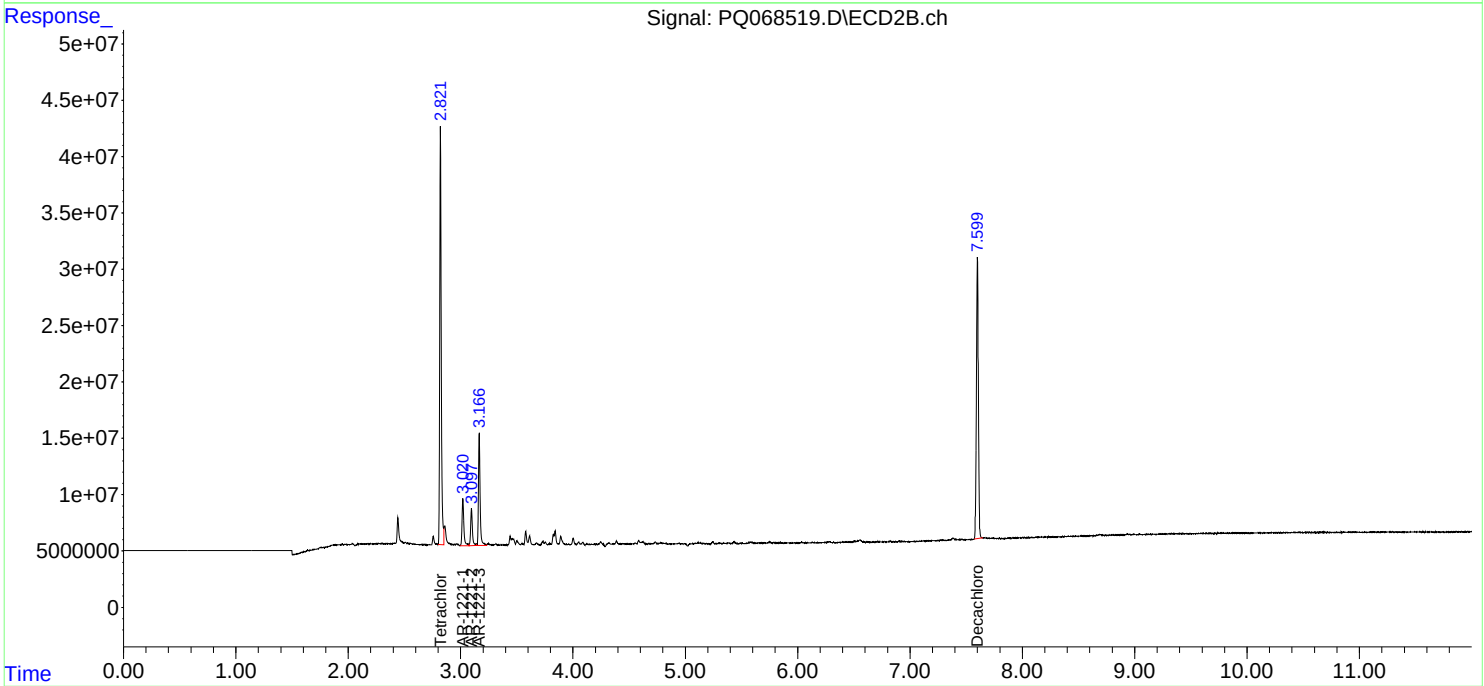
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091024\
Data File : PQ068519.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 15:38
Operator : YP\AJ
Sample : AR1221CCC500
Misc :
ALS Vial : 143 Sample Multiplier: 1

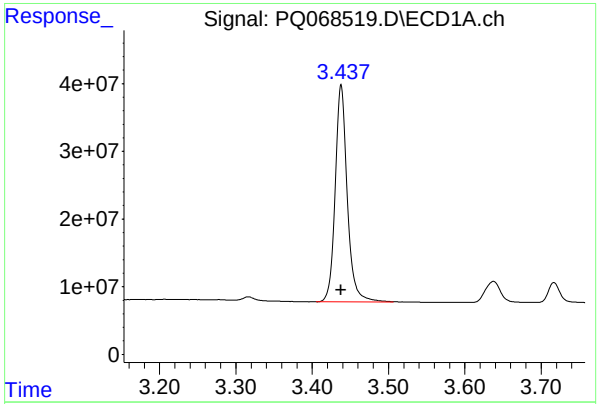
Instrument :
ECD_Q
ClientSampleId :
AR1221CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 01:25:56 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 10 13:06:53 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



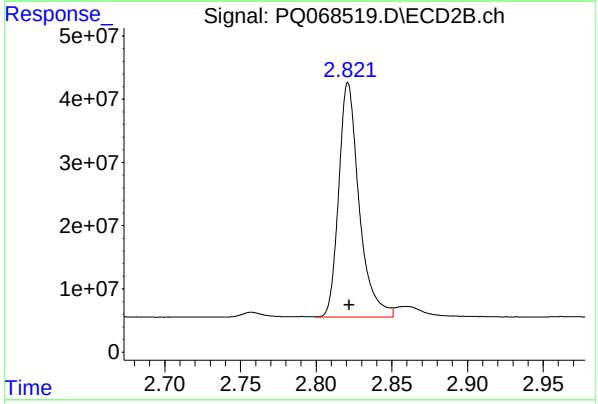




#1 Tetrachloro-m-xylene

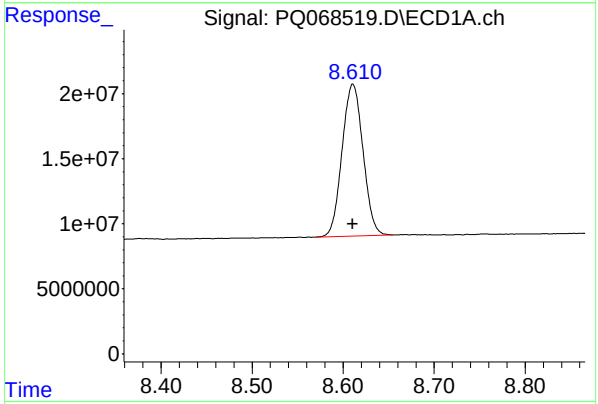
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 350165829
Conc: 49.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC500



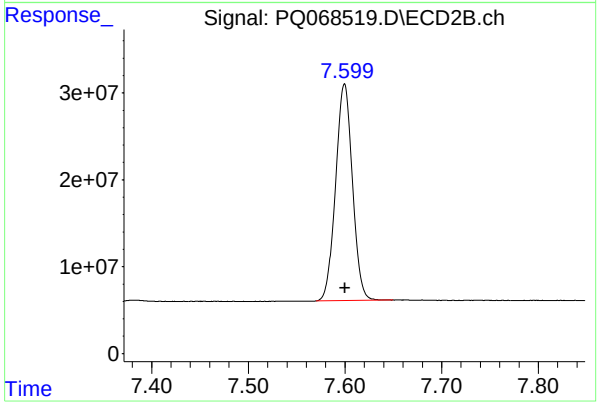
#1 Tetrachloro-m-xylene

R.T.: 2.821 min
Delta R.T.: 0.000 min
Response: 347858330
Conc: 48.84 ng/ml



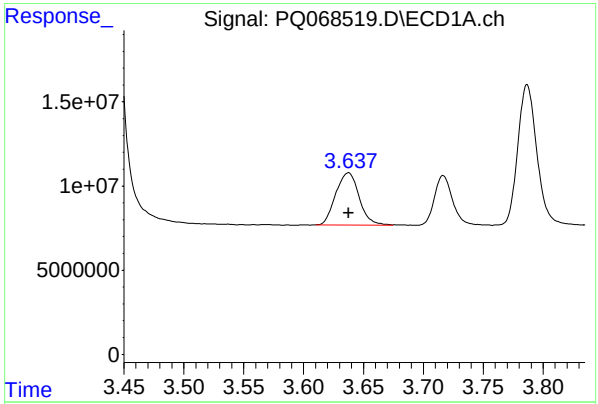
#2 Decachlorobiphenyl

R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 186876805
Conc: 42.88 ng/ml



#2 Decachlorobiphenyl

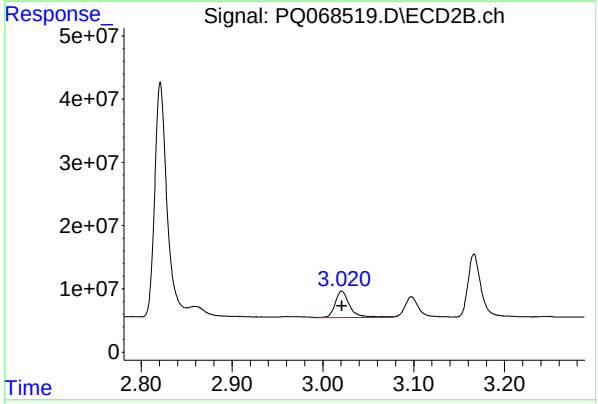
R.T.: 7.599 min
Delta R.T.: 0.000 min
Response: 303005940
Conc: 45.88 ng/ml



#8 AR-1221-1

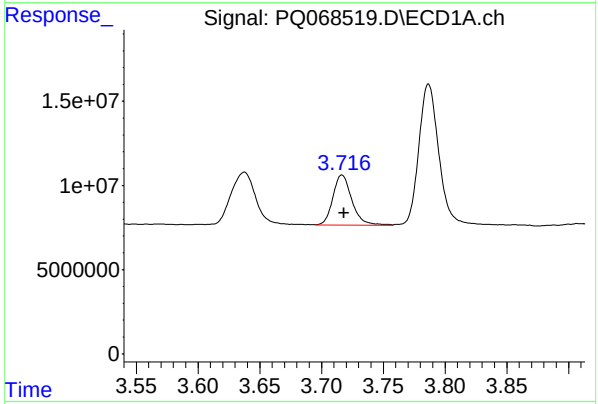
R.T.: 3.638 min
Delta R.T.: 0.000 min
Response: 42292827
Conc: 524.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC500



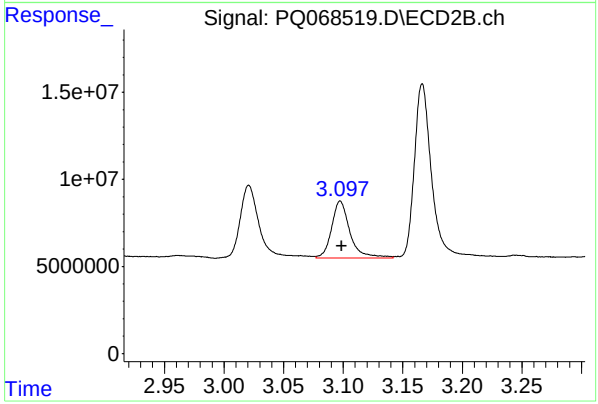
#8 AR-1221-1

R.T.: 3.021 min
Delta R.T.: 0.000 min
Response: 47047848
Conc: 529.52 ng/ml



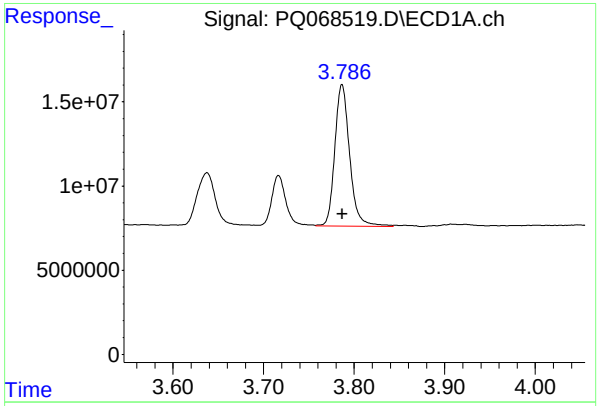
#9 AR-1221-2

R.T.: 3.716 min
Delta R.T.: -0.002 min
Response: 31646545
Conc: 525.19 ng/ml



#9 AR-1221-2

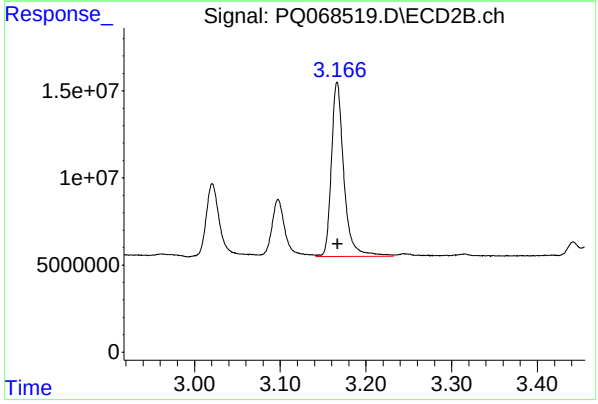
R.T.: 3.098 min
Delta R.T.: -0.001 min
Response: 35322146
Conc: 515.26 ng/ml



#10 AR-1221-3

R.T.: 3.787 min
Delta R.T.: 0.000 min
Response: 95503617
Conc: 526.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC500



#10 AR-1221-3

R.T.: 3.166 min
Delta R.T.: 0.000 min
Response: 101632505
Conc: 514.21 ng/ml

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Analytical Sequence

Client: Chemtech Consulting Group **SDG No.:** P3845

Project: NJ Waste Water PT **Instrument ID:** ECD_Q

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 09/06/2024 09/06/2024

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	09/06/2024	13:30	PQ068363.D	8.61	3.44
AR1660ICC1000	AR1660ICC1000	09/06/2024	13:44	PQ068364.D	8.61	3.44
AR1660ICC750	AR1660ICC750	09/06/2024	13:59	PQ068365.D	8.61	3.44
AR1660ICC500	AR1660ICC500	09/06/2024	14:13	PQ068366.D	8.61	3.44
AR1660ICC250	AR1660ICC250	09/06/2024	14:28	PQ068367.D	8.61	3.44
AR1660ICC050	AR1660ICC050	09/06/2024	14:43	PQ068368.D	8.61	3.44
AR1221ICC500	AR1221ICC500	09/06/2024	14:57	PQ068369.D	8.61	3.44
AR1232ICC500	AR1232ICC500	09/06/2024	15:12	PQ068370.D	8.61	3.44
AR1242ICC1000	AR1242ICC1000	09/06/2024	15:26	PQ068371.D	8.61	3.44
AR1242ICC750	AR1242ICC750	09/06/2024	15:41	PQ068372.D	8.61	3.44
AR1242ICC500	AR1242ICC500	09/06/2024	15:55	PQ068373.D	8.61	3.44
AR1242ICC250	AR1242ICC250	09/06/2024	16:10	PQ068374.D	8.61	3.44
AR1242ICC050	AR1242ICC050	09/06/2024	16:25	PQ068375.D	8.61	3.44
AR1248ICC1000	AR1248ICC1000	09/06/2024	16:39	PQ068376.D	8.61	3.44
AR1248ICC750	AR1248ICC750	09/06/2024	16:54	PQ068377.D	8.61	3.44
AR1248ICC500	AR1248ICC500	09/06/2024	17:08	PQ068378.D	8.61	3.44
AR1248ICC250	AR1248ICC250	09/06/2024	17:23	PQ068379.D	8.61	3.44
AR1248ICC050	AR1248ICC050	09/06/2024	17:38	PQ068380.D	8.61	3.44
AR1254ICC1000	AR1254ICC1000	09/06/2024	17:52	PQ068381.D	8.61	3.44
AR1254ICC750	AR1254ICC750	09/06/2024	18:07	PQ068382.D	8.61	3.44
AR1254ICC500	AR1254ICC500	09/06/2024	18:21	PQ068383.D	8.61	3.44
AR1254ICC250	AR1254ICC250	09/06/2024	18:36	PQ068384.D	8.61	3.44
AR1254ICC050	AR1254ICC050	09/06/2024	18:51	PQ068385.D	8.61	3.44
AR1262ICC500	AR1262ICC500	09/06/2024	19:05	PQ068386.D	8.61	3.44
AR1268ICC1000	AR1268ICC1000	09/06/2024	19:20	PQ068387.D	8.61	3.44
AR1268ICC750	AR1268ICC750	09/06/2024	19:34	PQ068388.D	8.61	3.44
AR1268ICC500	AR1268ICC500	09/06/2024	19:49	PQ068389.D	8.61	3.44
AR1268ICC250	AR1268ICC250	09/06/2024	20:04	PQ068390.D	8.61	3.44
AR1268ICC050	AR1268ICC050	09/06/2024	20:18	PQ068391.D	8.61	3.44
AR1660CCC500	AR1660CCC500	09/10/2024	02:43	PQ068471.D	8.61	3.44
I.BLK	I.BLK	09/10/2024	03:42	PQ068475.D	8.61	3.44
PB163234BL	PB163234BL	09/10/2024	06:07	PQ068485.D	8.61	3.44
AR1660CCC500	AR1660CCC500	09/10/2024	07:20	PQ068486.D	8.61	3.44
I.BLK	I.BLK	09/10/2024	08:19	PQ068490.D	8.61	3.44
PB163234BS	PB163234BS	09/10/2024	08:33	PQ068491.D	8.61	3.44
PB163234BSD	PB163234BSD	09/10/2024	08:48	PQ068492.D	8.61	3.44
AR1660CCC500	AR1660CCC500	09/10/2024	10:31	PQ068498.D	8.61	3.44
I.BLK	I.BLK	09/10/2024	10:45	PQ068499.D	8.61	3.44
I.BLK	I.BLK	09/10/2024	11:15	PQ068501.D	8.61	3.44
AR1221ICC1000	AR1221ICC1000	09/10/2024	11:30	PQ068502.D	8.61	3.44
AR1221ICC750	AR1221ICC750	09/10/2024	11:44	PQ068503.D	8.61	3.44
AR1221ICC500	AR1221ICC500	09/10/2024	11:59	PQ068504.D	8.61	3.44

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Fax : 908 789 8922

Analytical Sequence

AR1221ICC250	AR1221ICC250	09/10/2024	12:13	PQ068505.D	8.61	3.44
AR1221ICC050	AR1221ICC050	09/10/2024	12:28	PQ068506.D	8.61	3.44
AR1660CCC500	AR1660CCC500	09/10/2024	12:57	PQ068508.D	8.61	3.44
AR1221CCC500	AR1221CCC500	09/10/2024	13:12	PQ068509.D	8.61	3.44
I.BLK	I.BLK	09/10/2024	13:41	PQ068511.D	8.61	3.44
PT-PCBW-WP	P3845-15	09/10/2024	13:56	PQ068512.D	8.61	3.44
AR1660CCC500	AR1660CCC500	09/10/2024	15:23	PQ068518.D	8.61	3.44
AR1221CCC500	AR1221CCC500	09/10/2024	15:38	PQ068519.D	8.61	3.44
I.BLK	I.BLK	09/10/2024	16:36	PQ068523.D	8.61	3.44

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Analytical Sequence

Client: Chemtech Consulting Group **SDG No.:** P3845

Project: NJ Waste Water PT **Instrument ID:** ECD_Q

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 09/06/2024 09/06/2024

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	09/06/2024	13:30	PQ068363.D	7.60	2.82
AR1660ICC1000	AR1660ICC1000	09/06/2024	13:44	PQ068364.D	7.60	2.82
AR1660ICC750	AR1660ICC750	09/06/2024	13:59	PQ068365.D	7.60	2.82
AR1660ICC500	AR1660ICC500	09/06/2024	14:13	PQ068366.D	7.60	2.82
AR1660ICC250	AR1660ICC250	09/06/2024	14:28	PQ068367.D	7.60	2.82
AR1660ICC050	AR1660ICC050	09/06/2024	14:43	PQ068368.D	7.60	2.82
AR1221ICC500	AR1221ICC500	09/06/2024	14:57	PQ068369.D	7.60	2.82
AR1232ICC500	AR1232ICC500	09/06/2024	15:12	PQ068370.D	7.60	2.82
AR1242ICC1000	AR1242ICC1000	09/06/2024	15:26	PQ068371.D	7.60	2.82
AR1242ICC750	AR1242ICC750	09/06/2024	15:41	PQ068372.D	7.60	2.82
AR1242ICC500	AR1242ICC500	09/06/2024	15:55	PQ068373.D	7.60	2.82
AR1242ICC250	AR1242ICC250	09/06/2024	16:10	PQ068374.D	7.60	2.82
AR1242ICC050	AR1242ICC050	09/06/2024	16:25	PQ068375.D	7.60	2.82
AR1248ICC1000	AR1248ICC1000	09/06/2024	16:39	PQ068376.D	7.60	2.82
AR1248ICC750	AR1248ICC750	09/06/2024	16:54	PQ068377.D	7.60	2.82
AR1248ICC500	AR1248ICC500	09/06/2024	17:08	PQ068378.D	7.60	2.82
AR1248ICC250	AR1248ICC250	09/06/2024	17:23	PQ068379.D	7.60	2.82
AR1248ICC050	AR1248ICC050	09/06/2024	17:38	PQ068380.D	7.60	2.82
AR1254ICC1000	AR1254ICC1000	09/06/2024	17:52	PQ068381.D	7.60	2.82
AR1254ICC750	AR1254ICC750	09/06/2024	18:07	PQ068382.D	7.60	2.82
AR1254ICC500	AR1254ICC500	09/06/2024	18:21	PQ068383.D	7.60	2.82
AR1254ICC250	AR1254ICC250	09/06/2024	18:36	PQ068384.D	7.60	2.82
AR1254ICC050	AR1254ICC050	09/06/2024	18:51	PQ068385.D	7.60	2.82
AR1262ICC500	AR1262ICC500	09/06/2024	19:05	PQ068386.D	7.60	2.82
AR1268ICC1000	AR1268ICC1000	09/06/2024	19:20	PQ068387.D	7.60	2.82
AR1268ICC750	AR1268ICC750	09/06/2024	19:34	PQ068388.D	7.60	2.82
AR1268ICC500	AR1268ICC500	09/06/2024	19:49	PQ068389.D	7.60	2.82
AR1268ICC250	AR1268ICC250	09/06/2024	20:04	PQ068390.D	7.60	2.82
AR1268ICC050	AR1268ICC050	09/06/2024	20:18	PQ068391.D	7.60	2.82
AR1660CCC500	AR1660CCC500	09/10/2024	02:43	PQ068471.D	7.60	2.82
I.BLK	I.BLK	09/10/2024	03:42	PQ068475.D	7.60	2.82
PB163234BL	PB163234BL	09/10/2024	06:07	PQ068485.D	7.60	2.82
AR1660CCC500	AR1660CCC500	09/10/2024	07:20	PQ068486.D	7.60	2.82
I.BLK	I.BLK	09/10/2024	08:19	PQ068490.D	7.60	2.82
PB163234BS	PB163234BS	09/10/2024	08:33	PQ068491.D	7.60	2.82
PB163234BSD	PB163234BSD	09/10/2024	08:48	PQ068492.D	7.60	2.82
AR1660CCC500	AR1660CCC500	09/10/2024	10:31	PQ068498.D	7.60	2.82
I.BLK	I.BLK	09/10/2024	10:45	PQ068499.D	7.60	2.82
I.BLK	I.BLK	09/10/2024	11:15	PQ068501.D	7.60	2.82
AR1221ICC1000	AR1221ICC1000	09/10/2024	11:30	PQ068502.D	7.60	2.82
AR1221ICC750	AR1221ICC750	09/10/2024	11:44	PQ068503.D	7.60	2.82
AR1221ICC500	AR1221ICC500	09/10/2024	11:59	PQ068504.D	7.60	2.82

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Analytical Sequence

AR1221ICC250	AR1221ICC250	09/10/2024	12:13	PQ068505.D	7.60	2.82
AR1221ICC050	AR1221ICC050	09/10/2024	12:28	PQ068506.D	7.60	2.82
AR1660CCC500	AR1660CCC500	09/10/2024	12:57	PQ068508.D	7.60	2.82
AR1221CCC500	AR1221CCC500	09/10/2024	13:12	PQ068509.D	7.60	2.82
I.BLK	I.BLK	09/10/2024	13:41	PQ068511.D	7.60	2.82
PT-PCBW-WP	P3845-15	09/10/2024	13:56	PQ068512.D	7.60	2.82
AR1660CCC500	AR1660CCC500	09/10/2024	15:23	PQ068518.D	7.60	2.82
AR1221CCC500	AR1221CCC500	09/10/2024	15:38	PQ068519.D	7.60	2.82
I.BLK	I.BLK	09/10/2024	16:36	PQ068523.D	7.60	2.82

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
PB163234BS

Contract: CHEM02

Lab Code: CHEM Case No.: P3845 SAS No.: P3845 SDG NO.: P3845

Lab Sample ID: PB163234BS Date(s) Analyzed: 09/10/2024 09/10/2024

Instrument ID (1): ECD_Q Instrument ID (2): ECD_Q

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PQ068491.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.538	4.488	4.588	3.93		
	2	4.557	4.507	4.607	3.95		
	3	4.616	4.566	4.666	3.90		
COLUMN 1	4	4.708	4.658	4.758	3.87		
	5	4.994	4.944	5.044	3.95	3.90	
	1	3.827	3.777	3.877	4.42		
	2	3.843	3.793	3.893	4.31		
	3	4.004	3.954	4.054	4.32		
	4	4.053	4.003	4.103	4.41		
COLUMN 2	5	4.249	4.199	4.299	4.43	4.40	12.05
Aroclor-1260	1	6.094	6.044	6.144	3.72		
	2	6.354	6.304	6.404	3.80		
	3	6.706	6.656	6.756	3.75		
COLUMN 1	4	6.924	6.874	6.974	3.77		
	5	7.234	7.184	7.284	3.64	3.70	
	1	5.245	5.195	5.295	4.34		
	2	5.436	5.386	5.486	4.38		
	3	5.577	5.527	5.627	4.39		
	4	6.039	5.989	6.089	4.32		
COLUMN 2	5	6.285	6.235	6.335	4.22	4.30	15

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
PB163234BSD

Contract: CHEM02
Lab Code: CHEM Case No.: P3845 SAS No.: P3845 SDG NO.: P3845
Lab Sample ID: PB163234BSD Date(s) Analyzed: 09/10/2024 09/10/2024
Instrument ID (1): ECD_Q Instrument ID (2): ECD_Q
GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)
Data file PQ068492.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.538	4.488	4.588	4.00		
	2	4.557	4.507	4.607	3.92		
	3	4.615	4.565	4.665	3.90		
COLUMN 1	4	4.708	4.658	4.758	3.85		
	5	4.994	4.944	5.044	3.97	3.90	
	1	3.827	3.777	3.877	4.39		
	2	3.843	3.793	3.893	4.33		
	3	4.004	3.954	4.054	4.31		
	4	4.053	4.003	4.103	4.38		
COLUMN 2	5	4.248	4.198	4.298	4.42	4.40	12.05
Aroclor-1260	1	6.094	6.044	6.144	3.75		
	2	6.354	6.304	6.404	3.82		
	3	6.707	6.657	6.757	3.73		
COLUMN 1	4	6.924	6.874	6.974	3.78		
	5	7.234	7.184	7.284	3.68	3.80	
	1	5.246	5.196	5.296	4.34		
	2	5.435	5.385	5.485	4.39		
	3	5.577	5.527	5.627	4.60		
	4	6.039	5.989	6.089	4.32		
COLUMN 2	5	6.285	6.235	6.335	4.23	4.40	14.63

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
PT-PCBW-WP

Contract: CHEM02
Lab Code: CHEM Case No.: P3845 SAS No.: P3845 SDG NO.: P3845
Lab Sample ID: P3845-15 Date(s) Analyzed: 09/10/2024 09/10/2024
Instrument ID (1): ECD_Q Instrument ID (2): ECD_Q
GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)
Data file PQ068512.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1221	1	3.638	3.588	3.688	5.55		
	2	3.717	3.667	3.767	4.97		
	3	3.787	3.737	3.837	5.47		
COLUMN 1	4	0	0	0	0		
	5	0	0	0	0	5.30	
	1	3.021	2.971	3.071	5.17		
	2	3.099	3.049	3.149	4.70		
	3	3.167	3.117	3.217	5.29		
	4	0	0	0	0		
COLUMN 2	5	0	0	0	0	5.10	3.85

QC SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	NJ Waste Water PT	Date Received:	
Client Sample ID:	PB163234BL	SDG No.:	P3845
Lab Sample ID:	PB163234BL	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ068485.D	1	09/09/24 09:05	09/10/24 06:07	PB163234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.4		10 - 157	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.9		10 - 173	84%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090924\
Data File : PQ068485.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 06:07
Operator : YP\AJ
Sample : PB163234BL
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
PB163234BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 08:18:32 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 07:27:42 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.439	2.822	133.9E6	145.5E6	18.759	20.434
2)	SA Decachlor...	8.611	7.599	73500007	110.0E6	16.865	16.652
	Target Compounds						

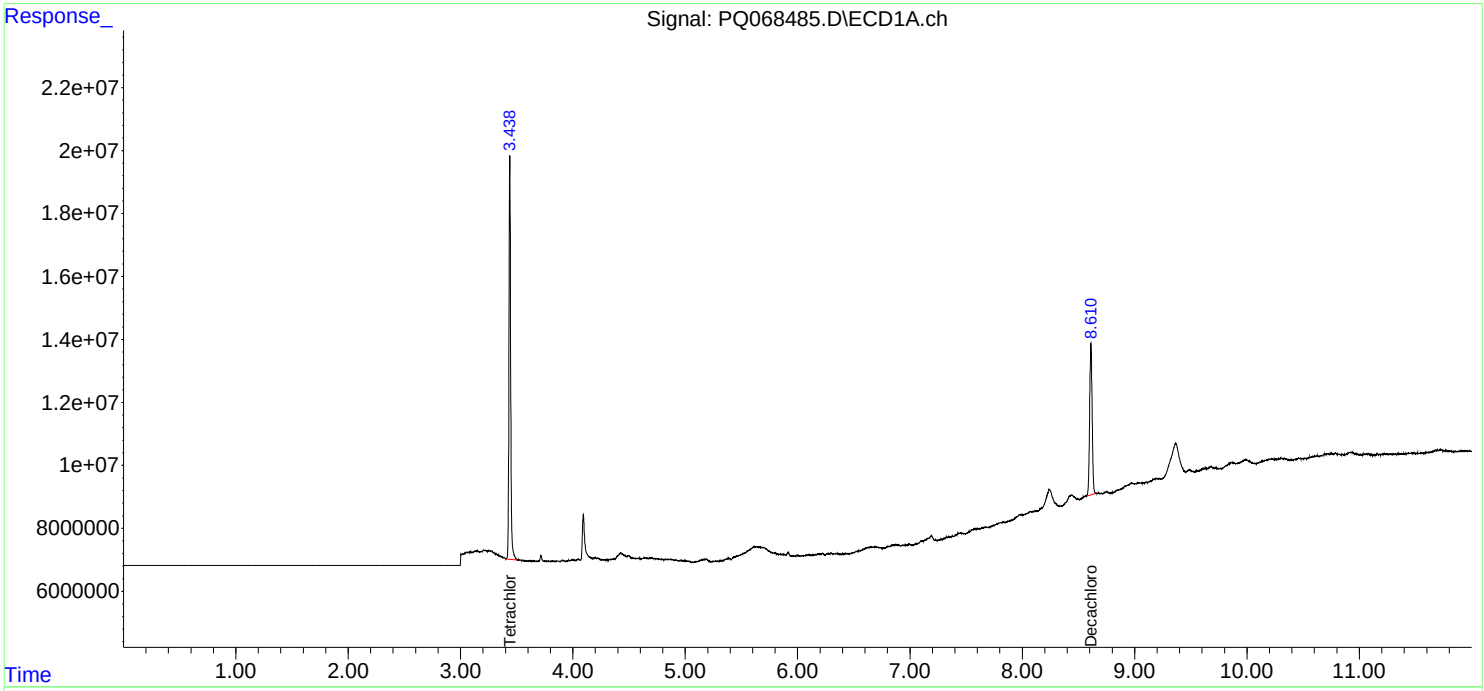
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

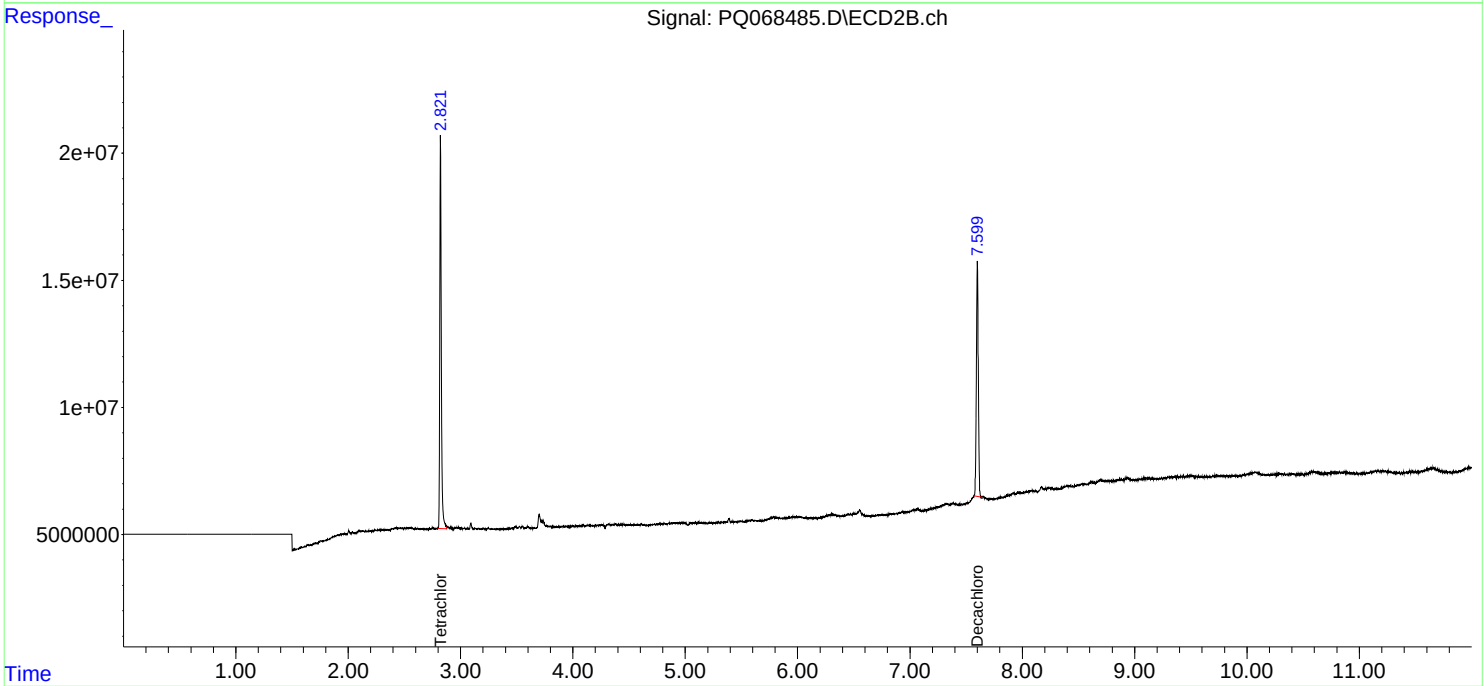
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090924\
Data File : PQ068485.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 06:07
Operator : YP\AJ
Sample : PB163234BL
Misc :
ALS Vial : 39 Sample Multiplier: 1

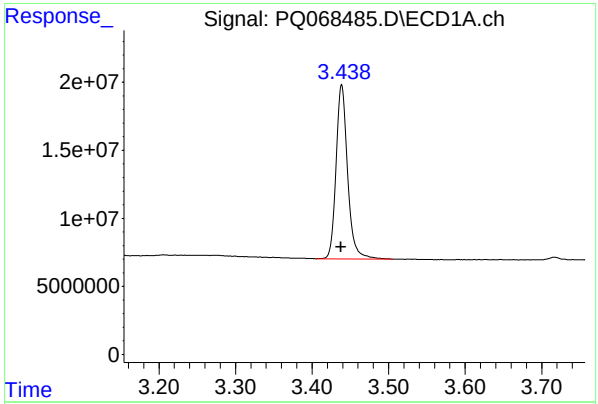
Instrument :
ECD_Q
ClientSampleId :
PB163234BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 08:18:32 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 07:27:42 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



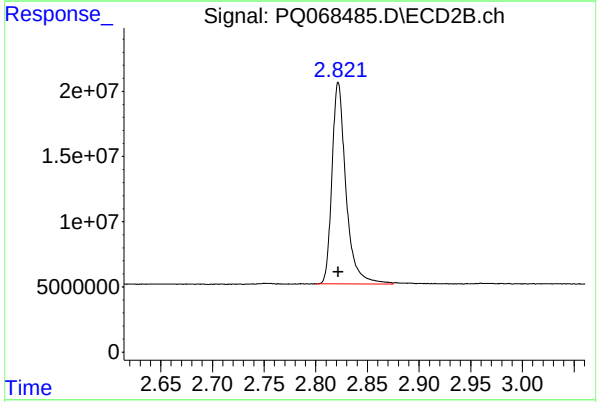




#1 Tetrachloro-m-xylene

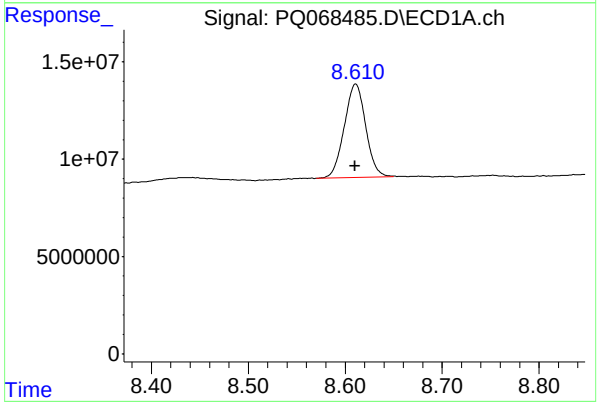
R.T.: 3.439 min
Delta R.T.: 0.000 min
Response: 133948745
Conc: 18.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB163234BL



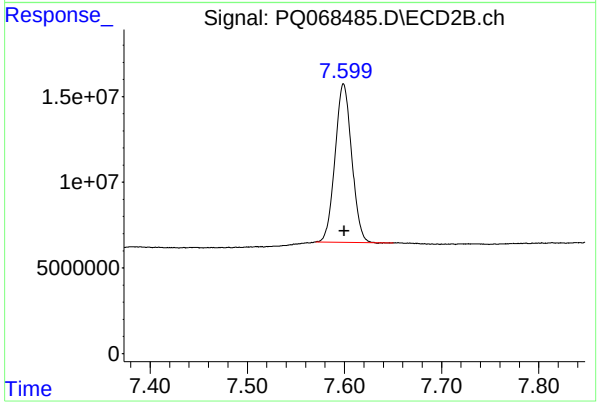
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 145539449
Conc: 20.43 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 73500007
Conc: 16.86 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.599 min
Delta R.T.: 0.000 min
Response: 109968476
Conc: 16.65 ng/ml

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	09/06/24
Project:	NJ Waste Water PT	Date Received:	09/06/24
Client Sample ID:	PIBLK-PQ068363.D	SDG No.:	P3845
Lab Sample ID:	I.BLK-PQ068363.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ068363.D	1		09/06/24	PQ090624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.8		60 - 140	99%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.7		60 - 140	103%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068363.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 13:30
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 07:01:01 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 06:12:46 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	145.0E6	141.3E6	20.305	19.843
2)	SA Decachlor...	8.609	7.601	92327893	136.6E6	21.185	20.680
	Target Compounds						

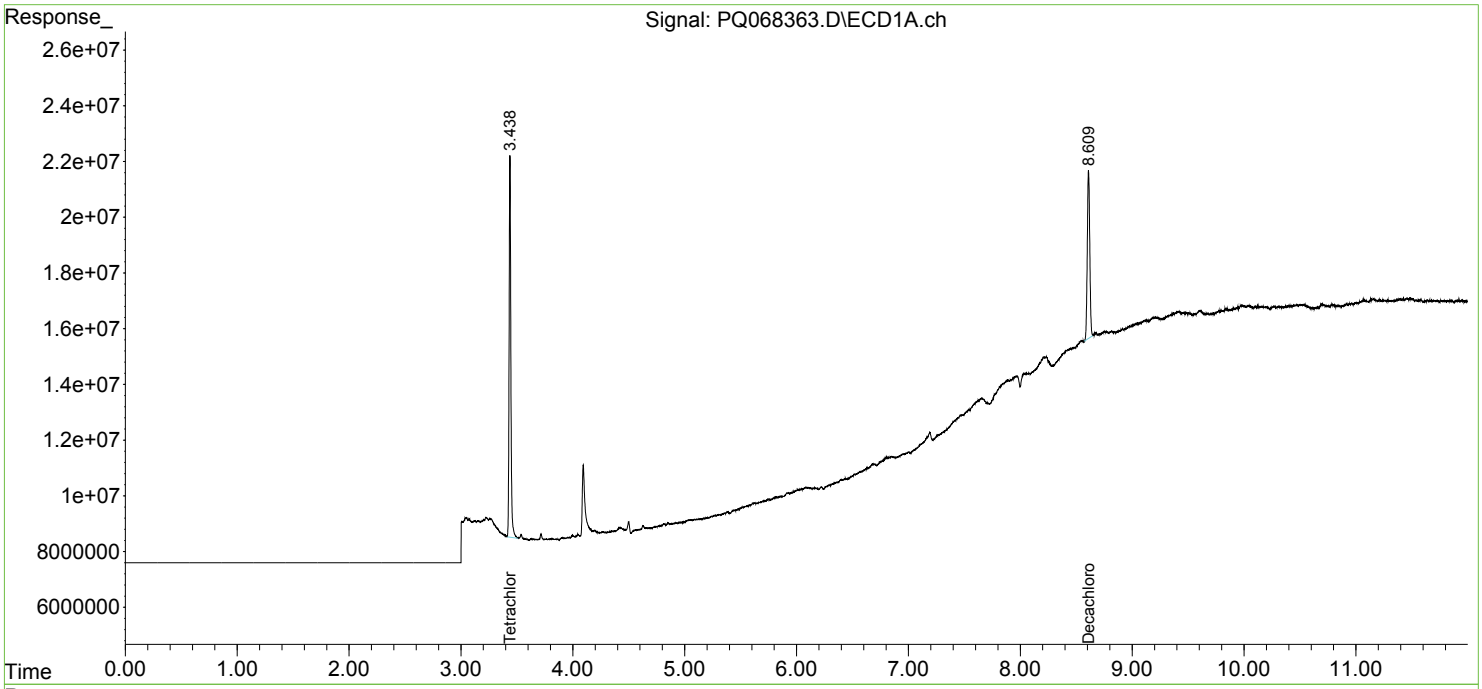
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

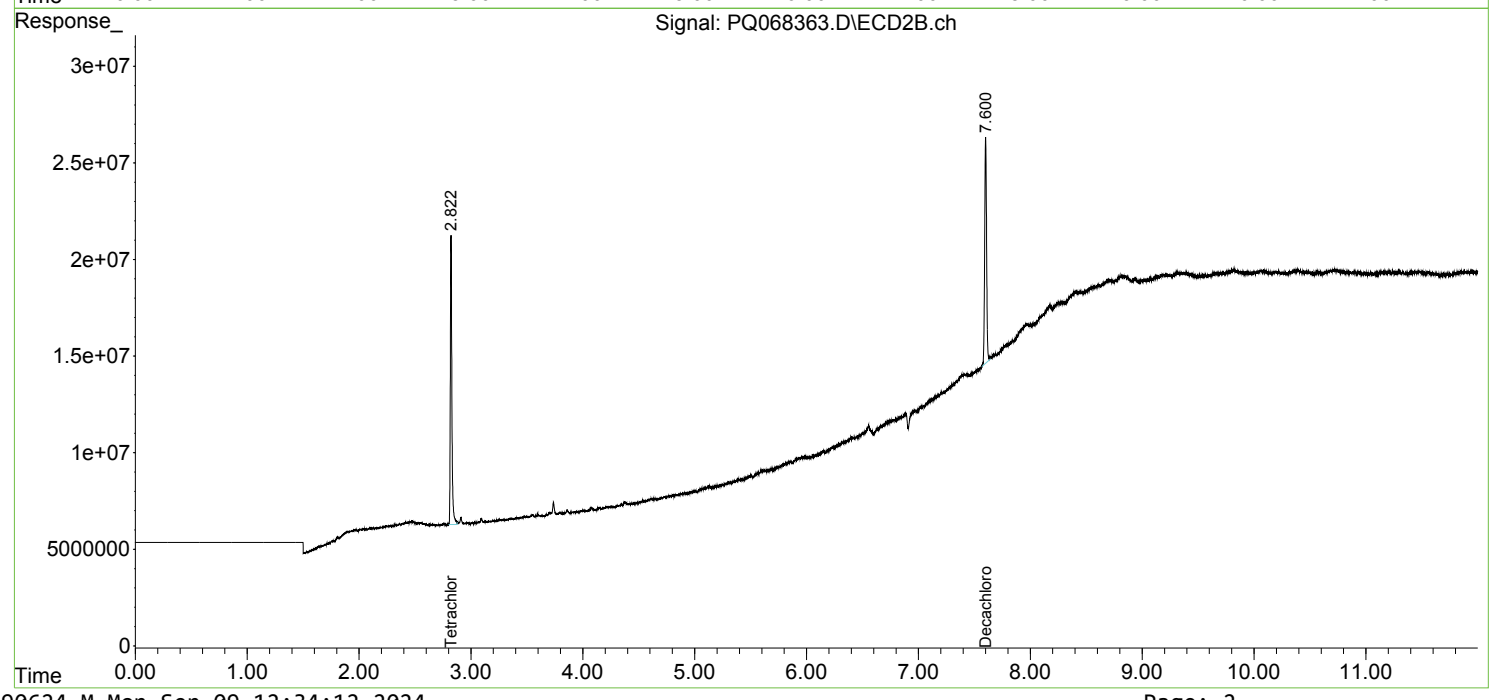
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090624\
Data File : PQ068363.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 13:30
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

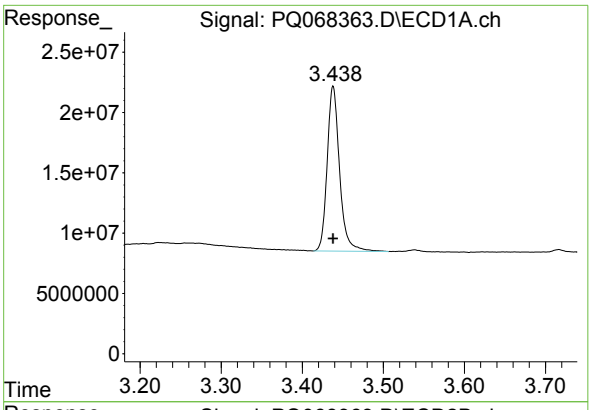
Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 07:01:01 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 06:12:46 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



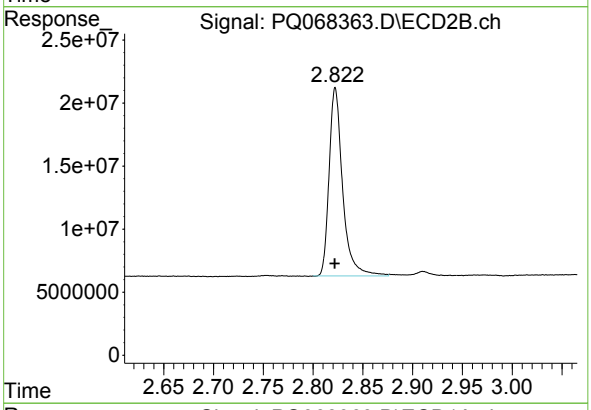




#1 Tetrachloro-m-xylene

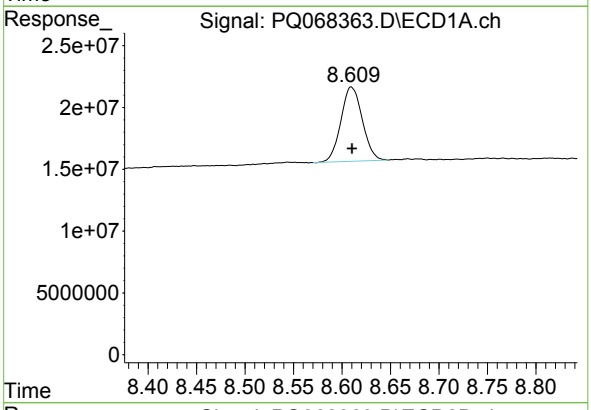
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 144991782
Conc: 20.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



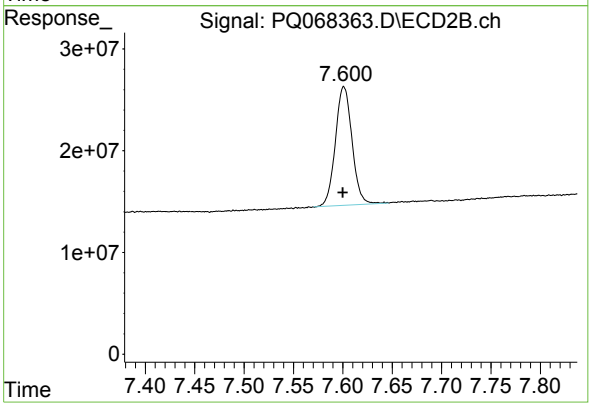
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 141331371
Conc: 19.84 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.609 min
Delta R.T.: 0.000 min
Response: 92327893
Conc: 21.18 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.601 min
Delta R.T.: 0.001 min
Response: 136568009
Conc: 20.68 ng/ml

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	09/10/24
Project:	NJ Waste Water PT	Date Received:	09/10/24
Client Sample ID:	PIBLK-PQ068475.D	SDG No.:	P3845
Lab Sample ID:	I.BLK-PQ068475.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ068475.D	1		09/10/24	PQ090924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.1		60 - 140	101%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.7		60 - 140	93%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090924\
Data File : PQ068475.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 03:42
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 07:08:22 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 07:27:42 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	143.8E6	147.3E6	20.144	20.686
2)	SA Decachlor...	8.611	7.599	81445874	136.3E6	18.688	20.646
	Target Compounds						

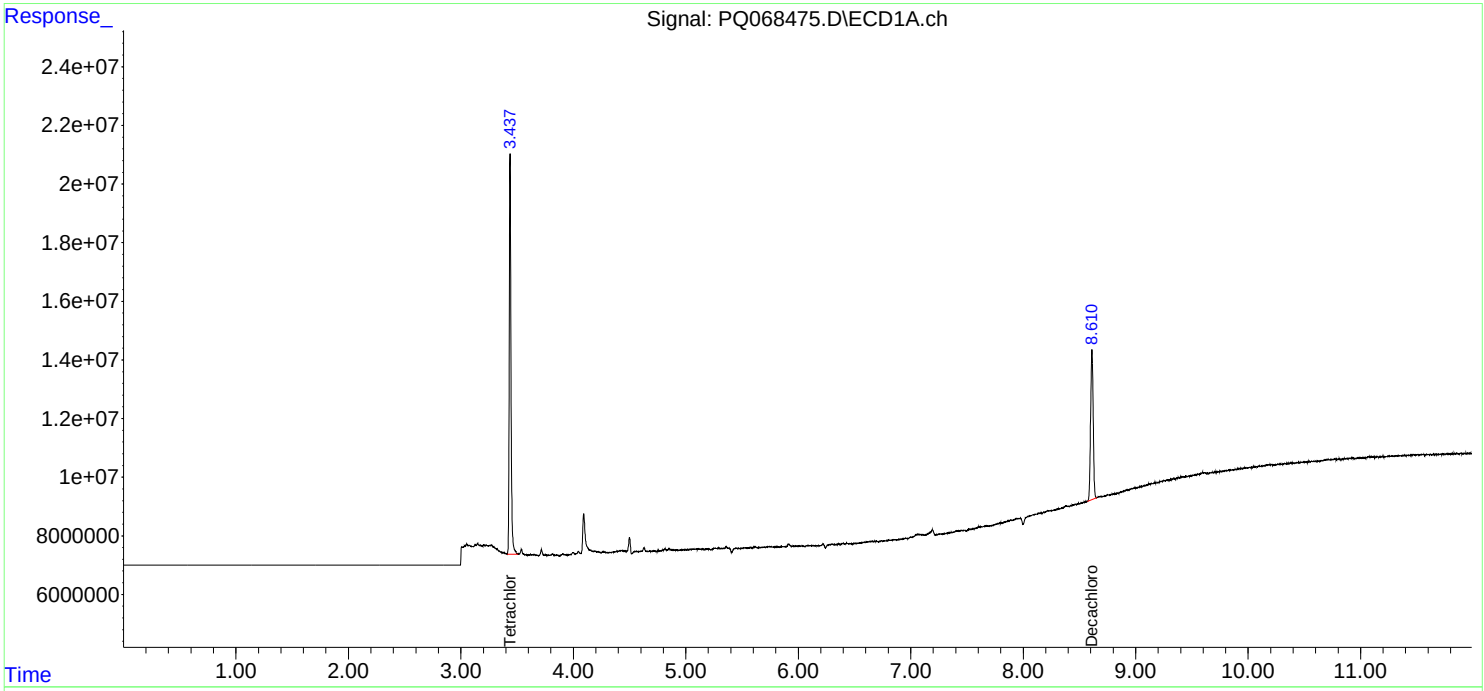
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

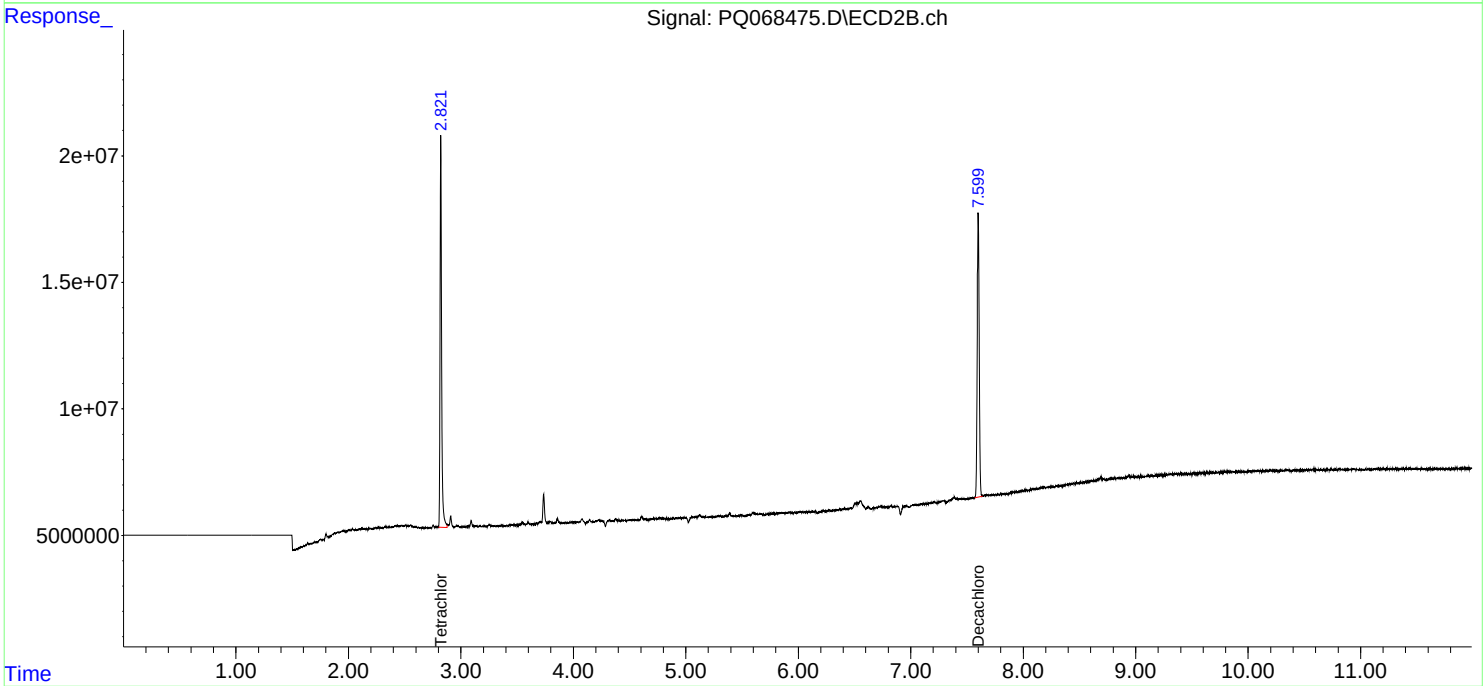
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090924\
Data File : PQ068475.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 03:42
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

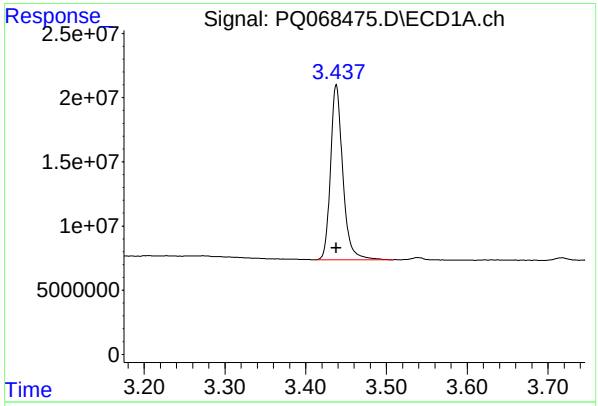
Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 07:08:22 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 07:27:42 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



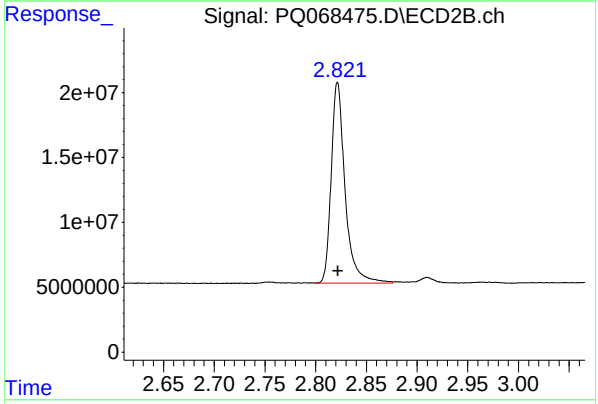




#1 Tetrachloro-m-xylene

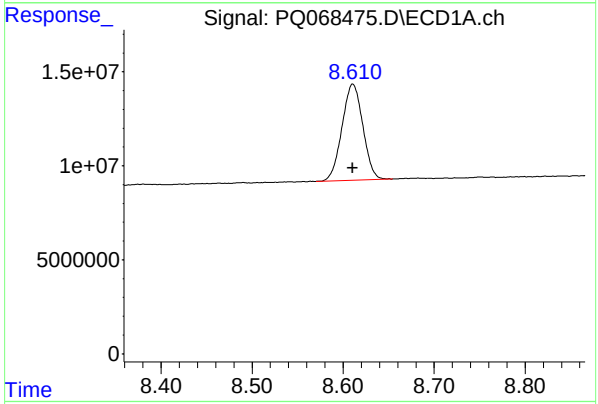
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 143843611
Conc: 20.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



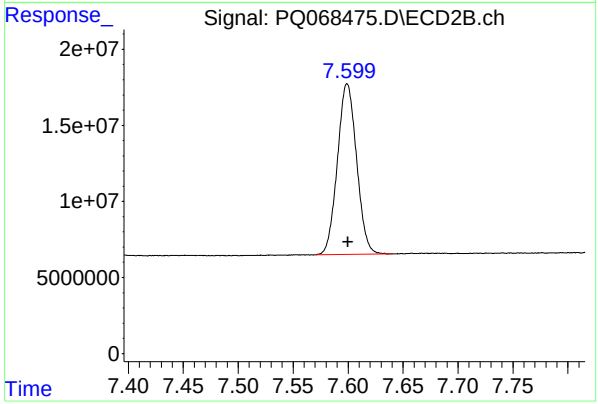
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 147334166
Conc: 20.69 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 81445874
Conc: 18.69 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.599 min
Delta R.T.: 0.000 min
Response: 136345789
Conc: 20.65 ng/ml

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	09/10/24
Project:	NJ Waste Water PT	Date Received:	09/10/24
Client Sample ID:	PIBLK-PQ068490.D	SDG No.:	P3845
Lab Sample ID:	I.BLK-PQ068490.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ068490.D	1		09/10/24	PQ090924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.0		60 - 140	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.4		60 - 140	92%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090924\
Data File : PQ068490.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 08:19
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 08:31:32 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 07:27:42 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	143.0E6	148.2E6	20.025	20.811
2)	SA Decachlor...	8.610	7.599	80374898	134.7E6	18.442	20.391
	Target Compounds						

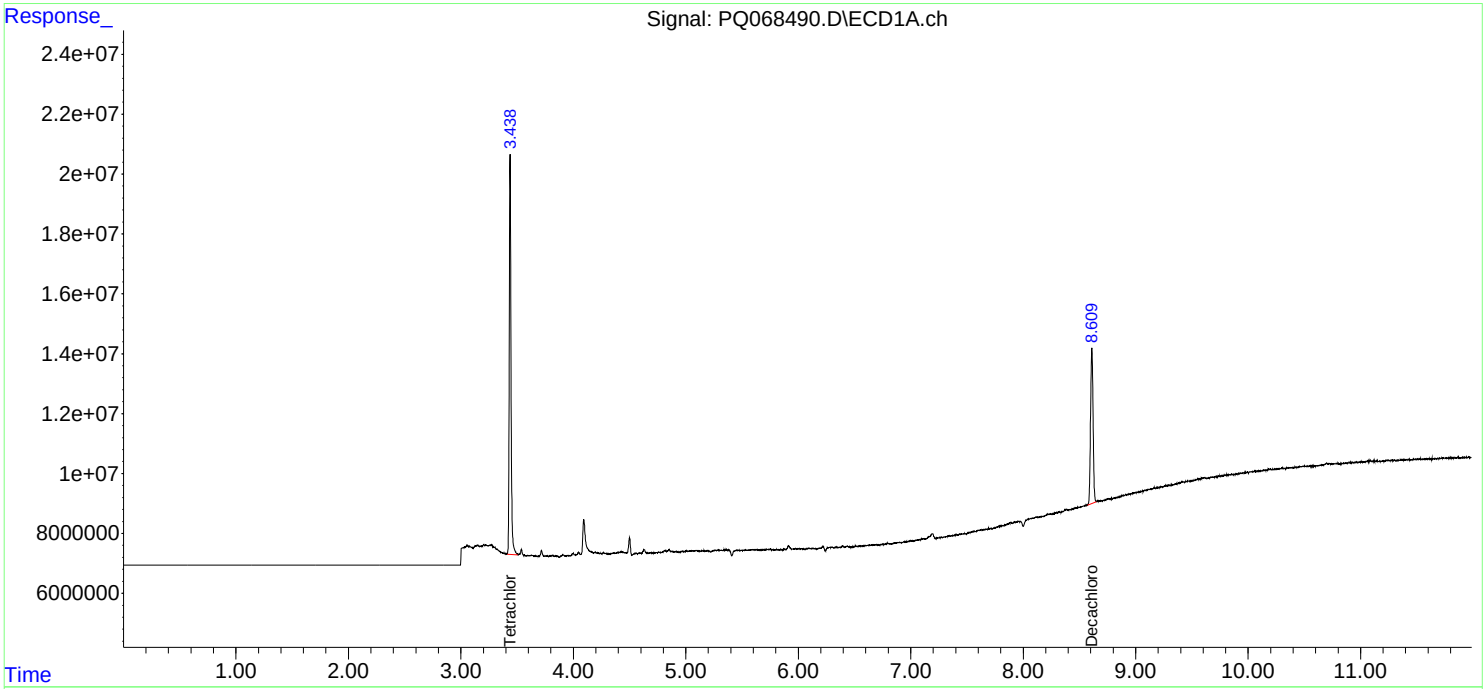
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

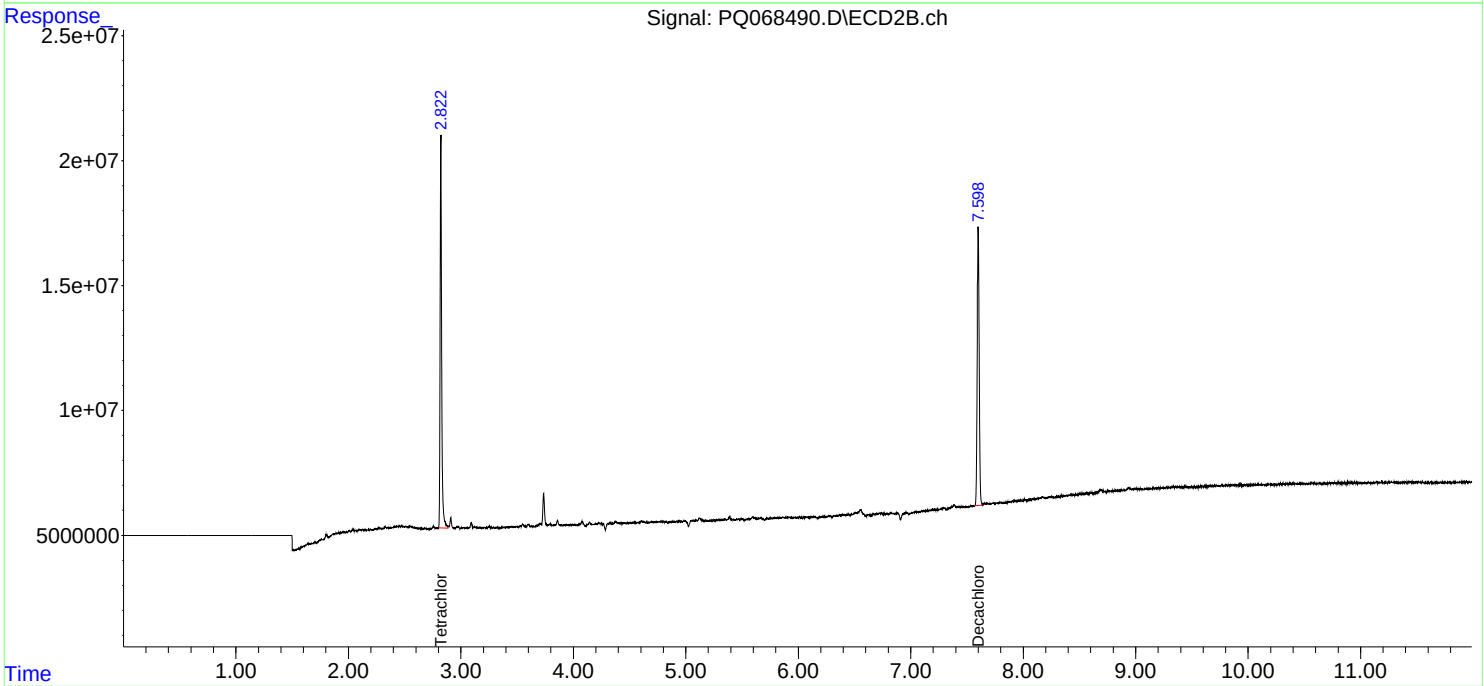
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090924\
Data File : PQ068490.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 08:19
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

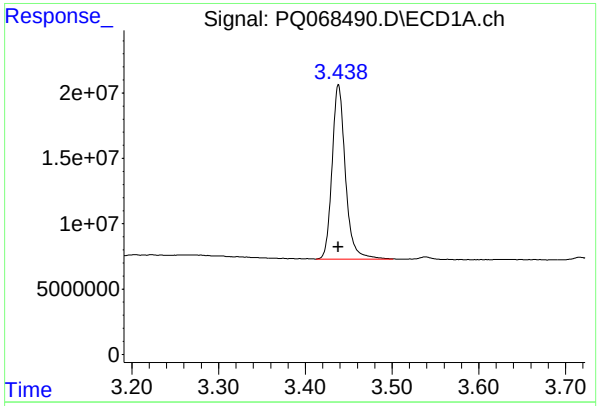
Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 08:31:32 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 07:27:42 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



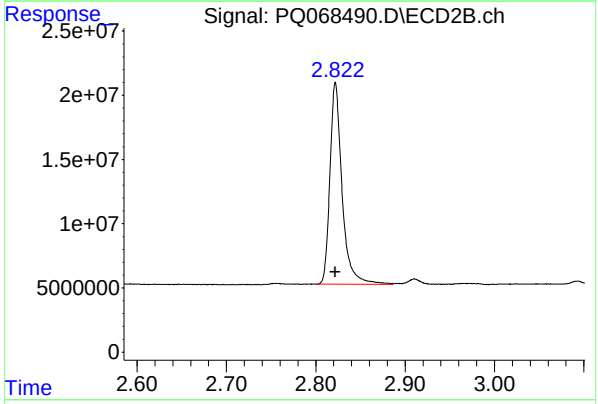




#1 Tetrachloro-m-xylene

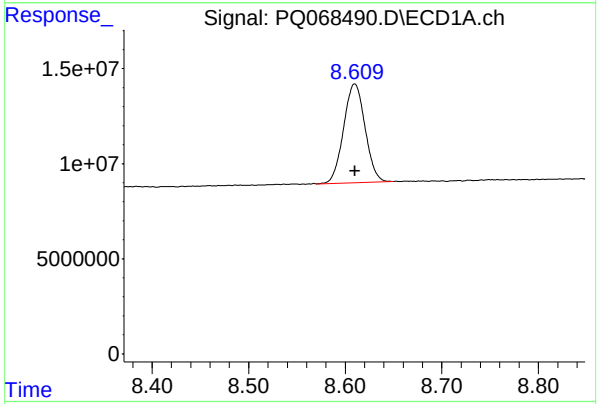
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 142993860
Conc: 20.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



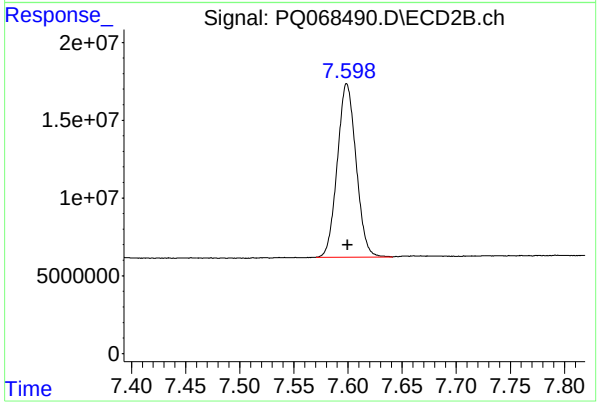
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 148225336
Conc: 20.81 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.610 min
Delta R.T.: 0.000 min
Response: 80374898
Conc: 18.44 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.599 min
Delta R.T.: 0.000 min
Response: 134658959
Conc: 20.39 ng/ml

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	09/10/24
Project:	NJ Waste Water PT	Date Received:	09/10/24
Client Sample ID:	PIBLK-PQ068499.D	SDG No.:	P3845
Lab Sample ID:	I.BLK-PQ068499.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ068499.D	1		09/10/24	PQ090924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.4		60 - 140	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.1		60 - 140	95%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090924\
Data File : PQ068499.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 10:45
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 07:33:21 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 10 13:06:53 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.821	145.7E6	150.5E6	20.401	21.130
2)	SA Decachlor...	8.610	7.599	83067876	138.6E6	19.060	20.986
	Target Compounds						

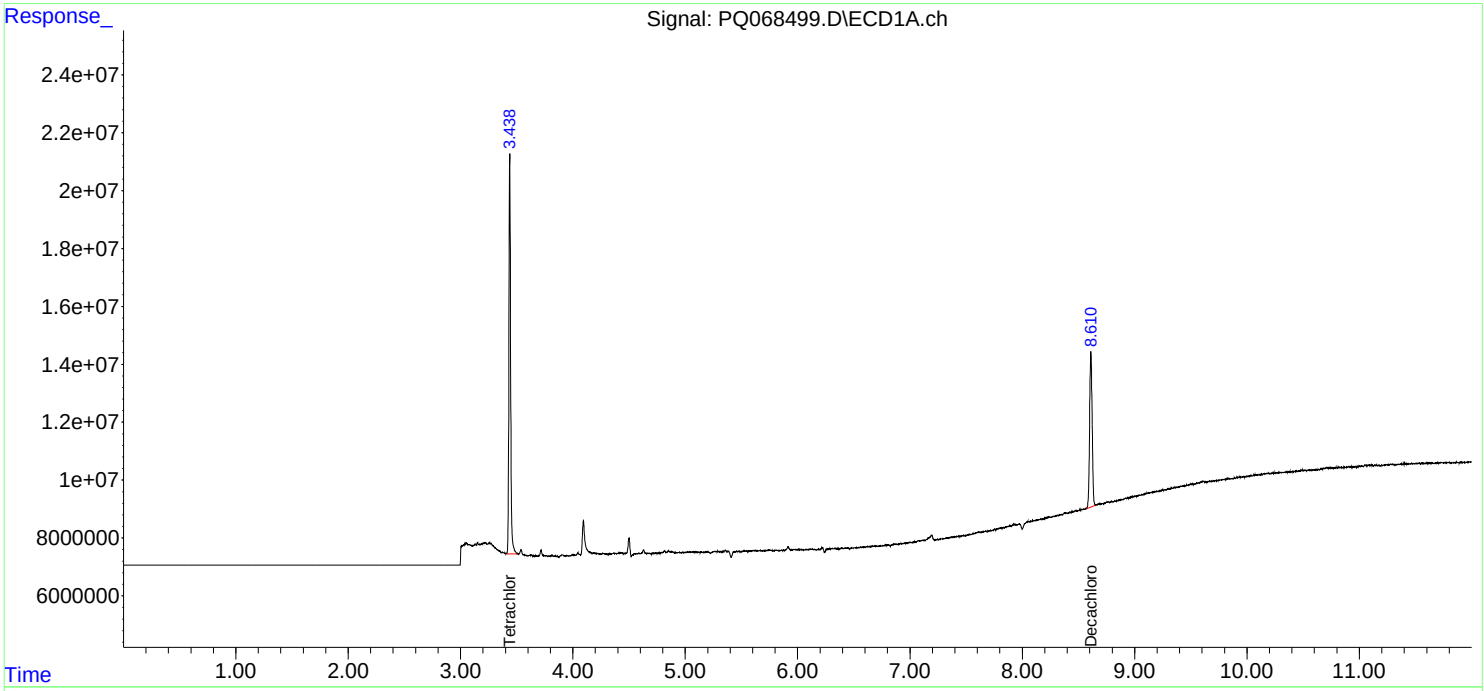
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

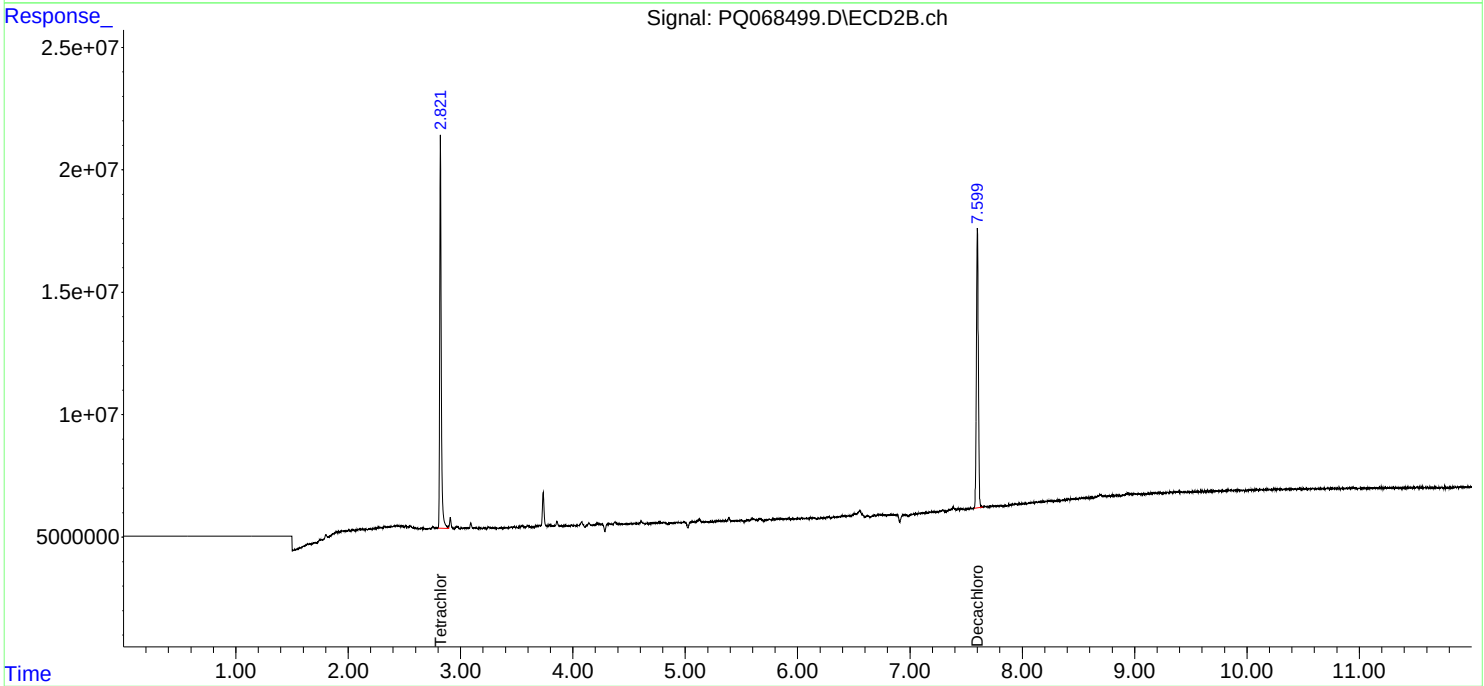
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090924\
Data File : PQ068499.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 10:45
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

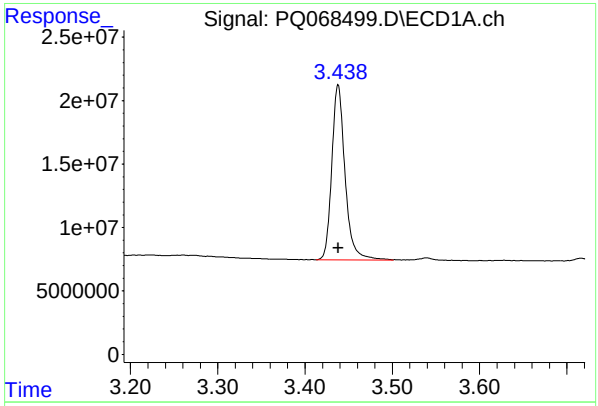
Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 07:33:21 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 10 13:06:53 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



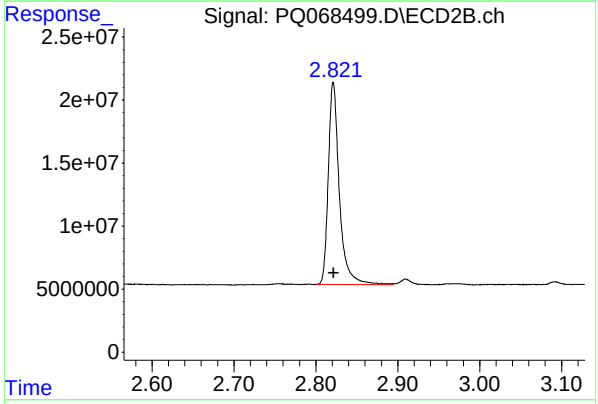




#1 Tetrachloro-m-xylene

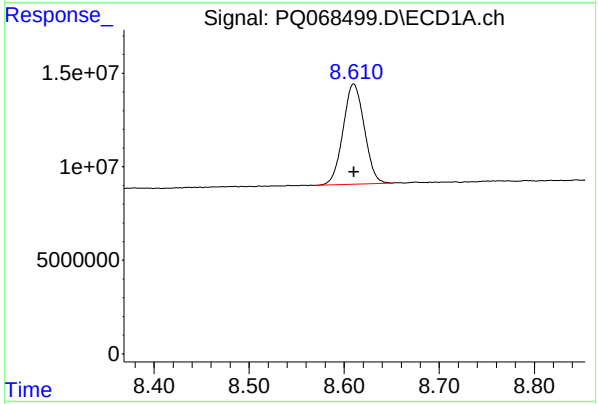
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 145677546
Conc: 20.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



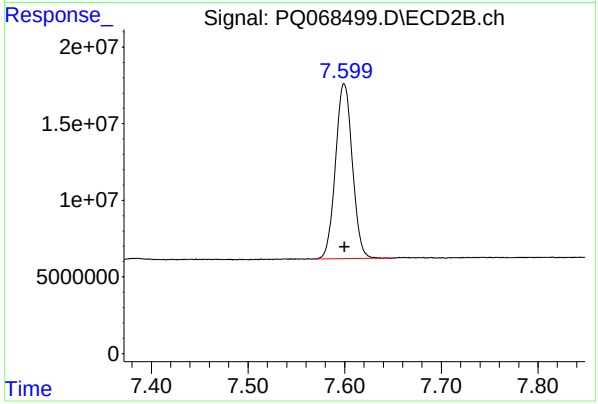
#1 Tetrachloro-m-xylene

R.T.: 2.821 min
Delta R.T.: 0.000 min
Response: 150491755
Conc: 21.13 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.610 min
Delta R.T.: 0.000 min
Response: 83067876
Conc: 19.06 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.599 min
Delta R.T.: 0.000 min
Response: 138585249
Conc: 20.99 ng/ml

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	09/10/24
Project:	NJ Waste Water PT	Date Received:	09/10/24
Client Sample ID:	PIBLK-PQ068501.D	SDG No.:	P3845
Lab Sample ID:	I.BLK-PQ068501.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ068501.D	1		09/10/24	PQ091024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.8		60 - 140	109%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.1		60 - 140	115%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091024\
Data File : PQ068501.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 11:15
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 12:54:28 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 10 12:53:21 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.821	146.0E6	150.3E6	21.777	22.216
2)	SA Decachlor...	8.610	7.599	82661511	138.8E6	23.086	23.410
	Target Compounds						

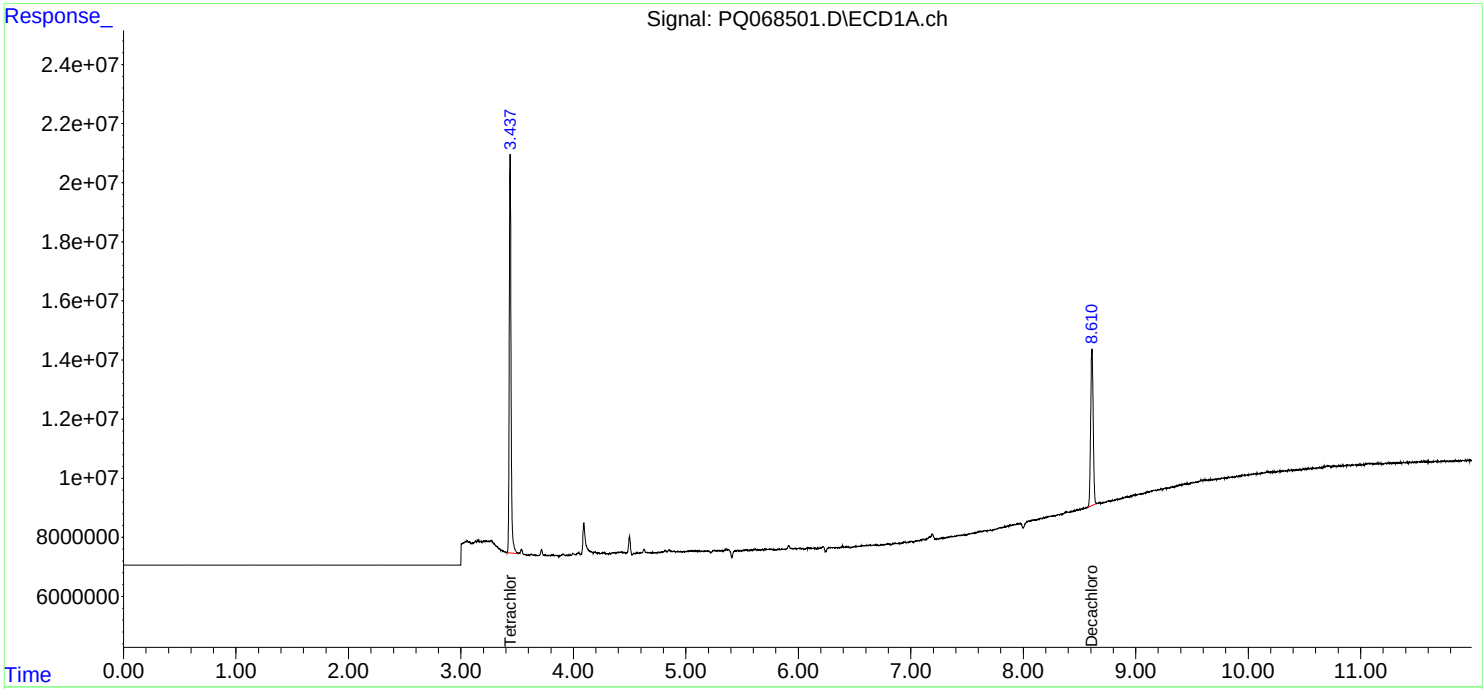
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

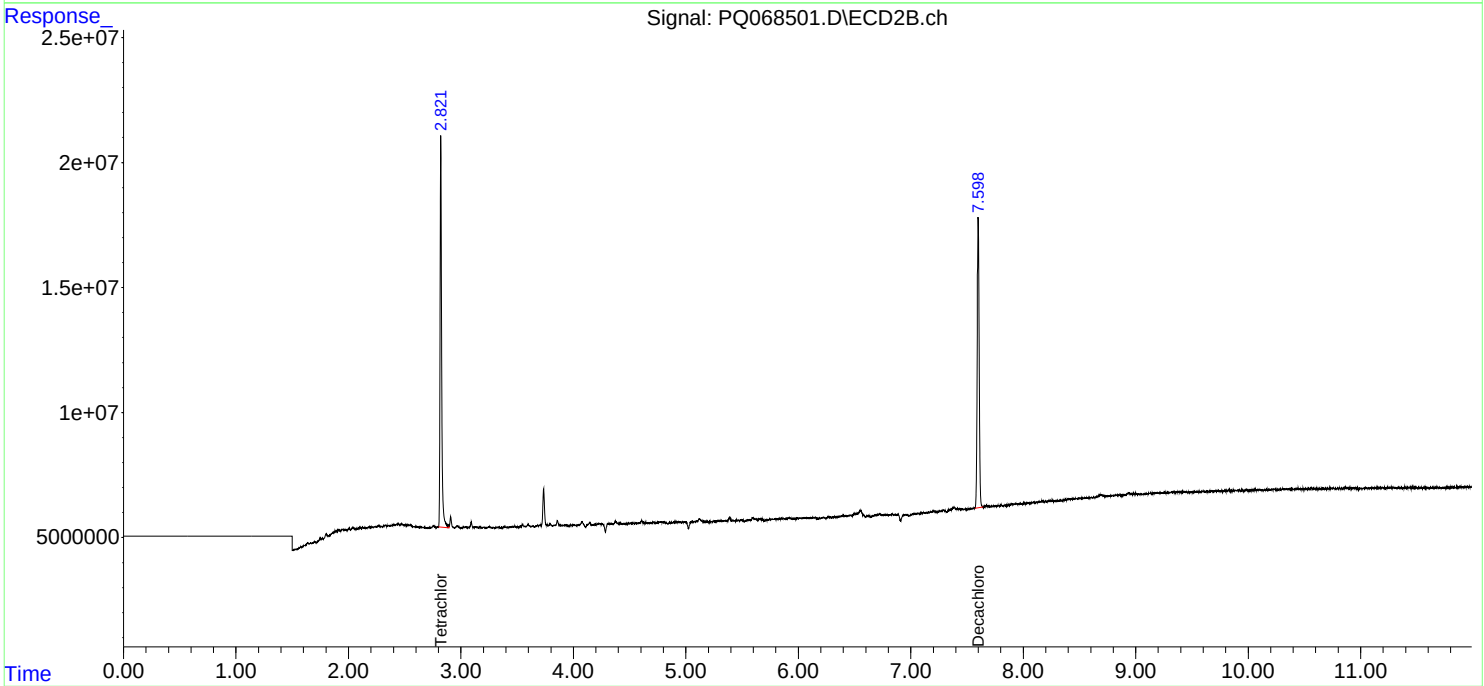
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091024\
Data File : PQ068501.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 11:15
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

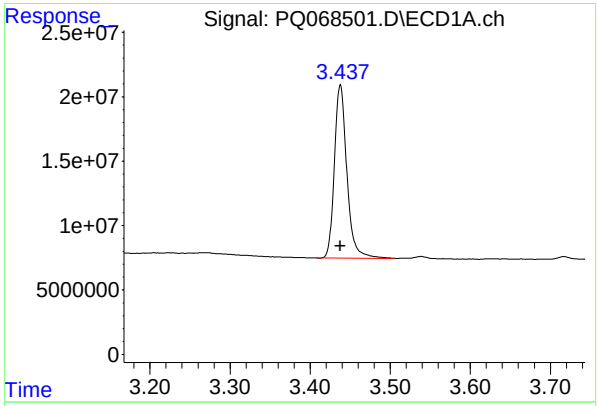
Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 12:54:28 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 10 12:53:21 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



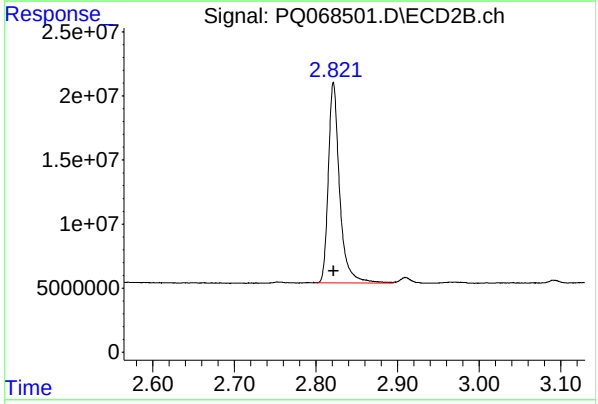




#1 Tetrachloro-m-xylene

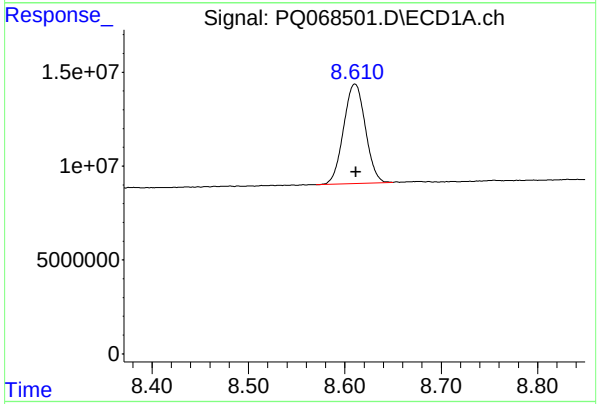
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 145979433
Conc: 21.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



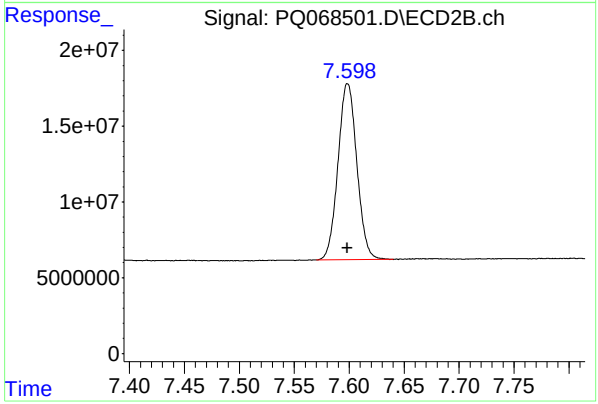
#1 Tetrachloro-m-xylene

R.T.: 2.821 min
Delta R.T.: 0.000 min
Response: 150316837
Conc: 22.22 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.610 min
Delta R.T.: -0.001 min
Response: 82661511
Conc: 23.09 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.599 min
Delta R.T.: 0.000 min
Response: 138807986
Conc: 23.41 ng/ml

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	09/10/24
Project:	NJ Waste Water PT	Date Received:	09/10/24
Client Sample ID:	PIBLK-PQ068511.D	SDG No.:	P3845
Lab Sample ID:	I.BLK-PQ068511.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ068511.D	1		09/10/24	PQ091024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.7		60 - 140	104%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.4		60 - 140	97%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091024\
Data File : PQ068511.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 13:41
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 01:19:12 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 10 13:06:53 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	148.1E6	152.5E6	20.738	21.405
2)	SA Decachlor...	8.609	7.598	84381440	140.6E6	19.361	21.285
	Target Compounds						

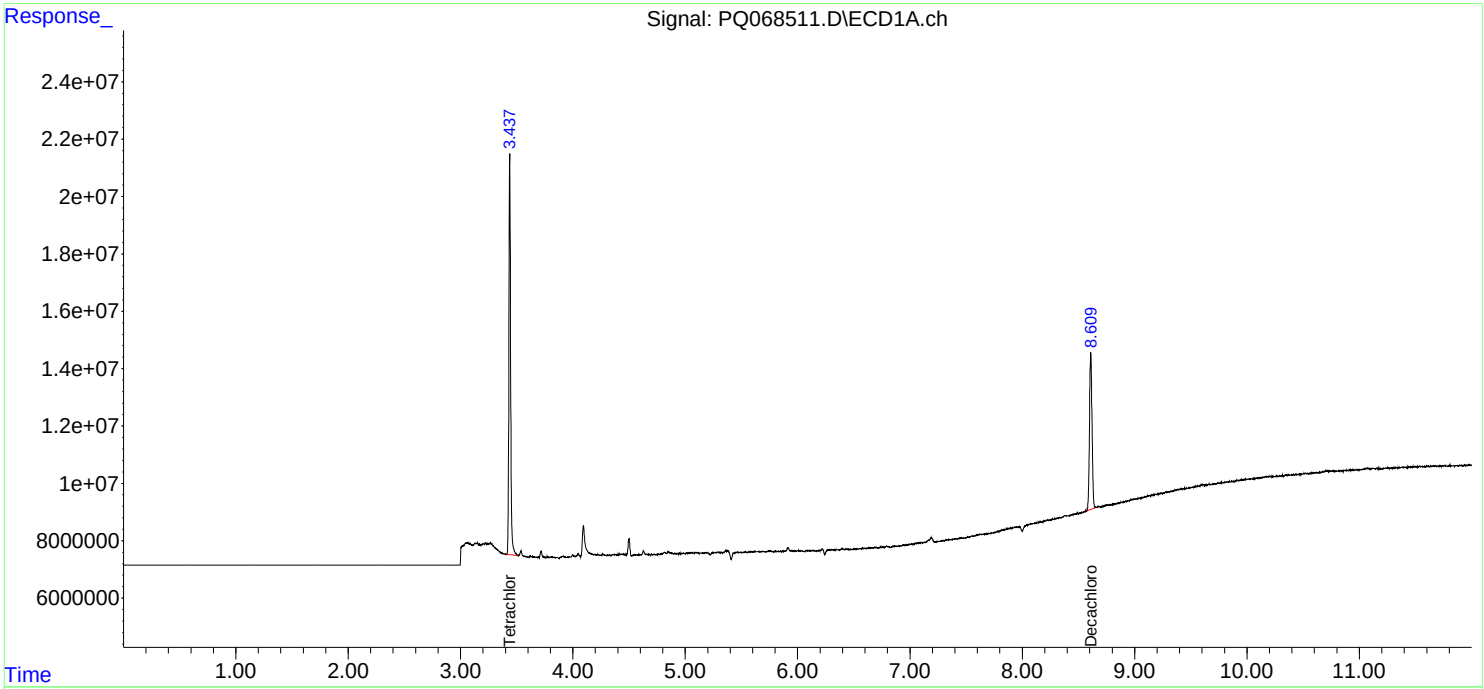
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

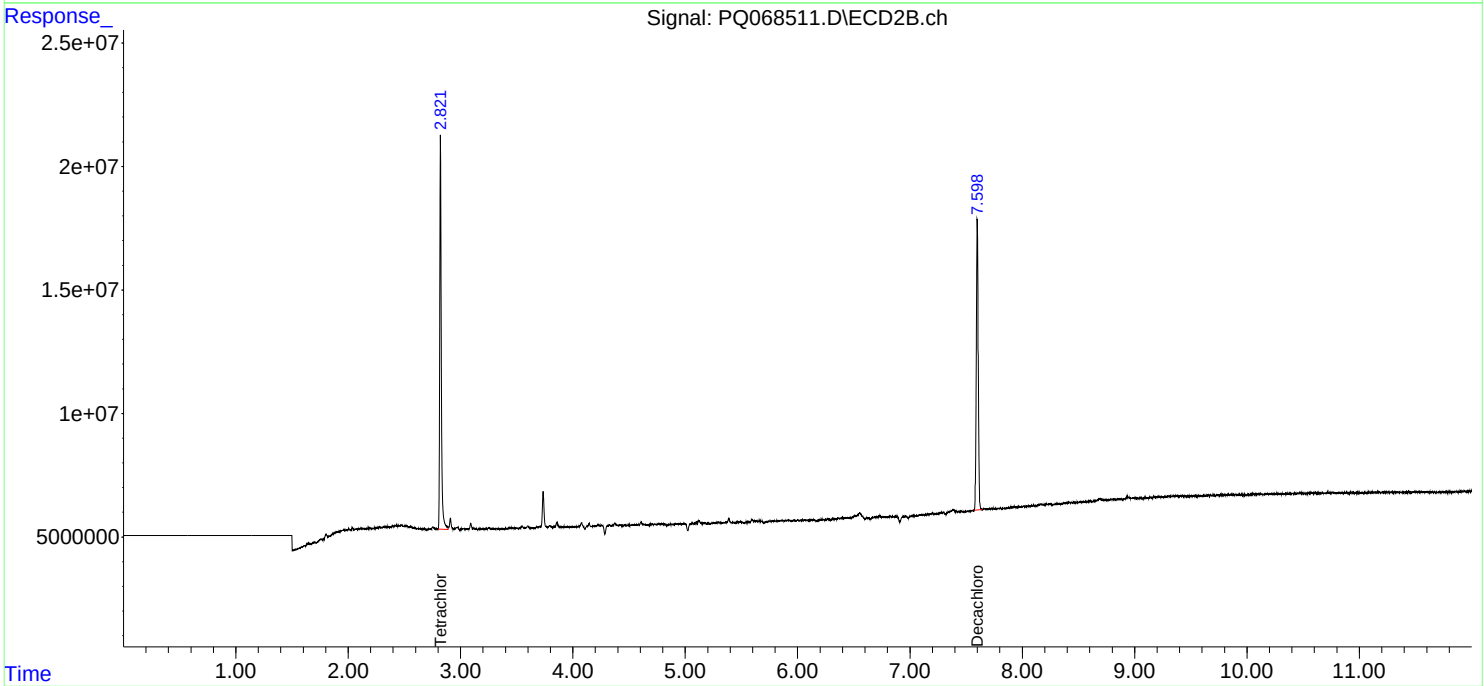
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091024\
Data File : PQ068511.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 13:41
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

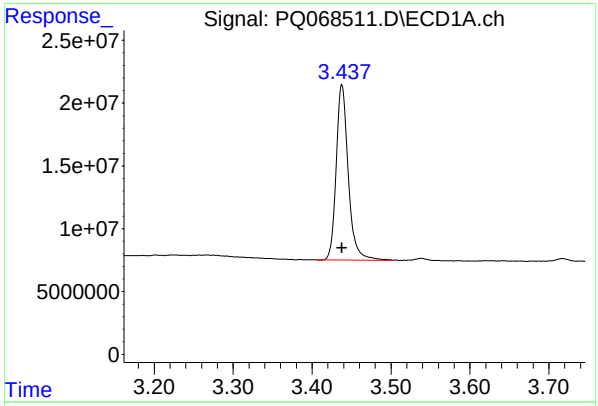
Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 01:19:12 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 10 13:06:53 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



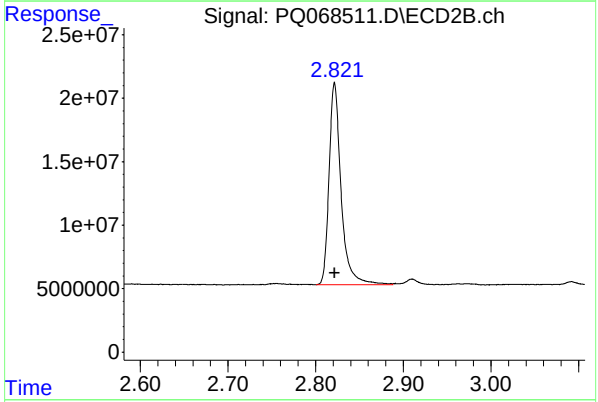




#1 Tetrachloro-m-xylene

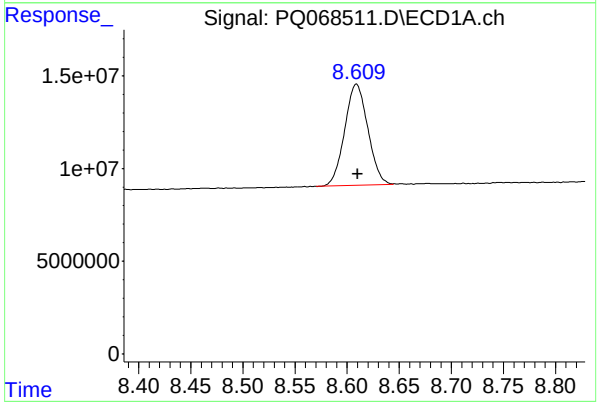
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 148080505
Conc: 20.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



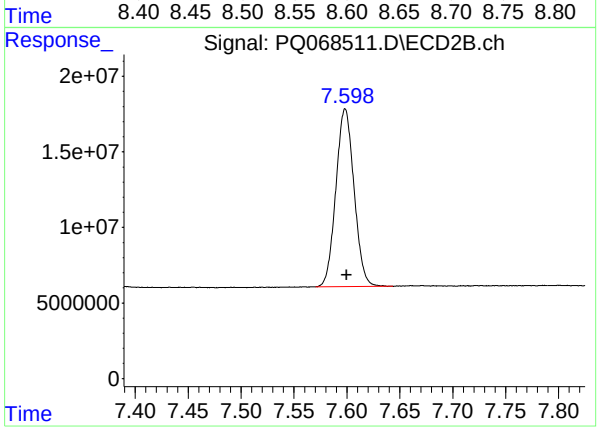
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 152455219
Conc: 21.41 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.609 min
Delta R.T.: -0.001 min
Response: 84381440
Conc: 19.36 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.598 min
Delta R.T.: -0.001 min
Response: 140562071
Conc: 21.28 ng/ml

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	09/10/24
Project:	NJ Waste Water PT	Date Received:	09/10/24
Client Sample ID:	PIBLK-PQ068523.D	SDG No.:	P3845
Lab Sample ID:	I.BLK-PQ068523.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ068523.D	1		09/10/24	PQ091024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.7		60 - 140	104%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.6		60 - 140	98%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091024\
Data File : PQ068523.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 16:36
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 01:29:14 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 10 13:06:53 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.821	147.8E6	149.1E6	20.704	20.938
2)	SA Decachlor...	8.610	7.598	85513060	142.3E6	19.621	21.542
	Target Compounds						

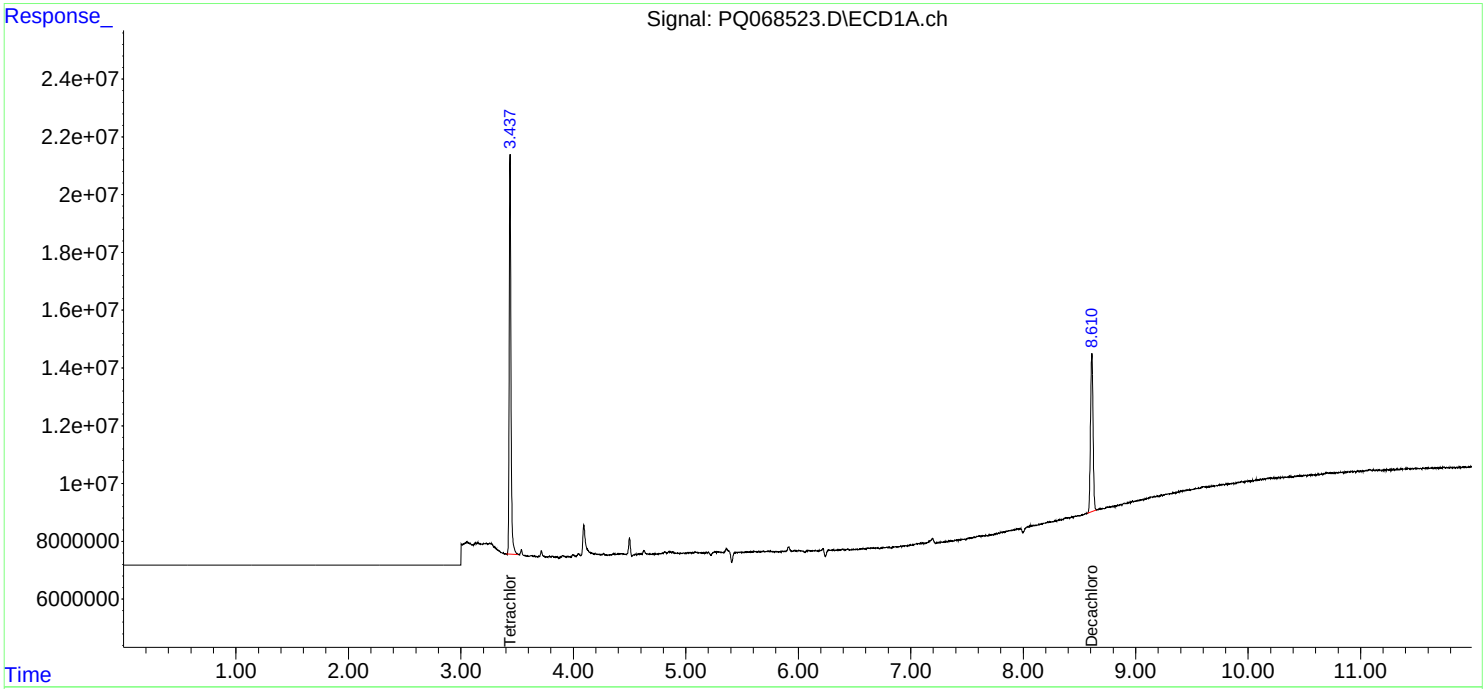
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

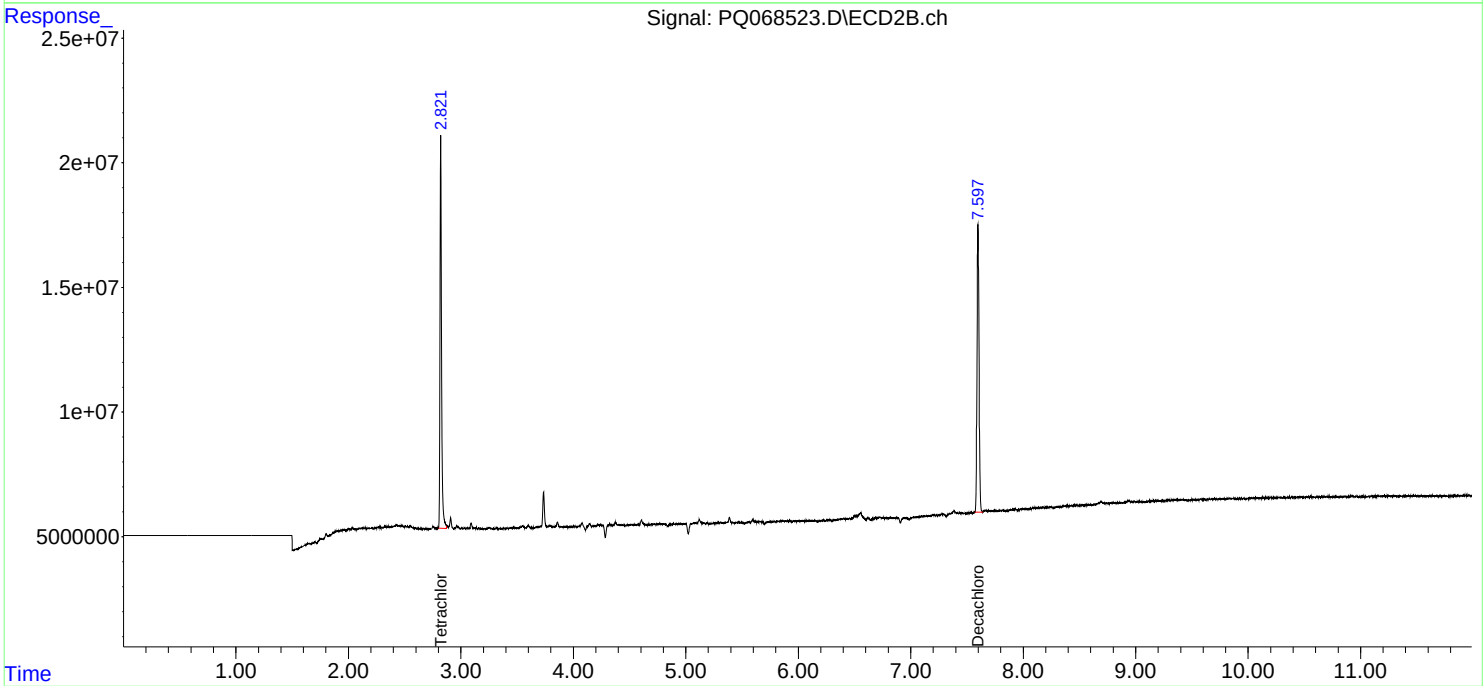
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091024\
Data File : PQ068523.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 16:36
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

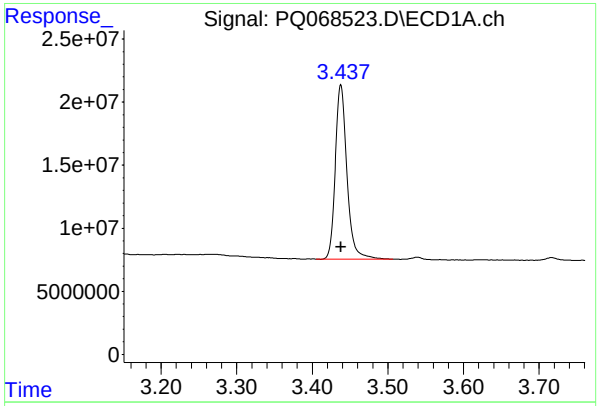
Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 01:29:14 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 10 13:06:53 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



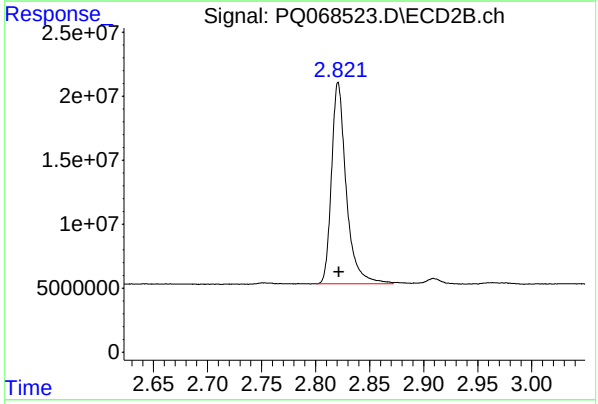




#1 Tetrachloro-m-xylene

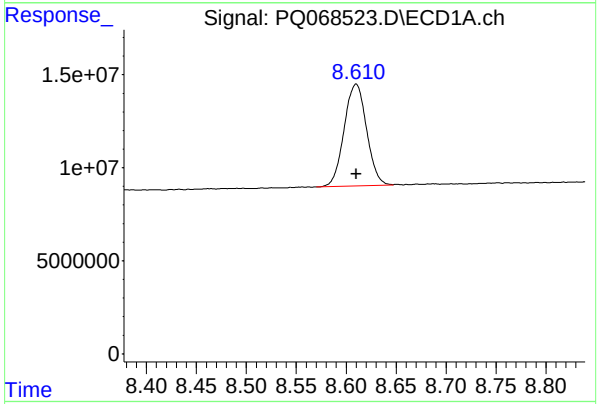
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 147839802
Conc: 20.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



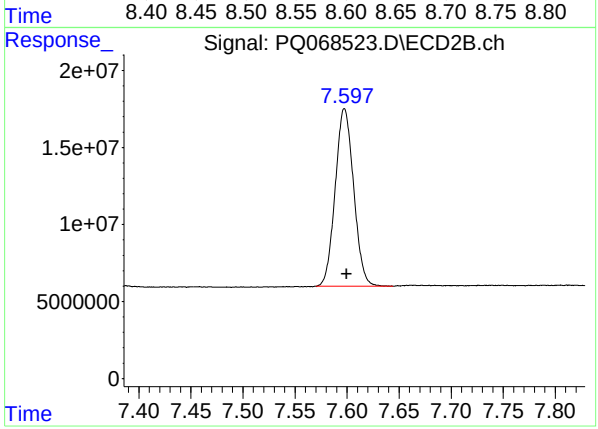
#1 Tetrachloro-m-xylene

R.T.: 2.821 min
Delta R.T.: 0.000 min
Response: 149126713
Conc: 20.94 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.610 min
Delta R.T.: 0.000 min
Response: 85513060
Conc: 19.62 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.598 min
Delta R.T.: -0.002 min
Response: 142256936
Conc: 21.54 ng/ml

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	NJ Waste Water PT	Date Received:	
Client Sample ID:	PB163234BS	SDG No.:	P3845
Lab Sample ID:	PB163234BS	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ068491.D	1	09/09/24 09:05	09/10/24 08:33	PB163234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	4.40		0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
11096-82-5	Aroclor-1260	4.30		0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.5		10 - 157	97%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.5		10 - 173	97%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090924\
Data File : PQ068491.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 08:33
Operator : YP\AJ
Sample : PB163234BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
PB163234BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 06:59:02 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 10 13:06:53 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	139.0E6	137.0E6	19.466	19.242
2)	SA Decachlor...	8.610	7.599	77222145	128.7E6	17.719	19.482
	Target Compounds						
3)	L1 AR-1016-1	4.538	3.827	91837270	105.1E6	393.029	442.438
4)	L1 AR-1016-2	4.557	3.843	144.9E6	155.7E6	394.524	430.907
5)	L1 AR-1016-3	4.616	4.004	88196428	83909256	390.190	432.004
6)	L1 AR-1016-4	4.708	4.053	73602079	71207207	386.579	440.919
7)	L1 AR-1016-5	4.994	4.249	69882321	85616564	395.248	443.264
31)	L7 AR-1260-1	6.094	5.245	123.8E6	166.5E6	372.257	433.668
32)	L7 AR-1260-2	6.354	5.436	142.5E6	199.8E6	380.226	438.315
33)	L7 AR-1260-3	6.706	5.577	88022709	191.4E6	374.547	439.212
34)	L7 AR-1260-4	6.924	6.039	104.5E6	138.7E6	377.241	431.736
35)	L7 AR-1260-5	7.234	6.285	194.7E6	307.7E6	364.212	422.183

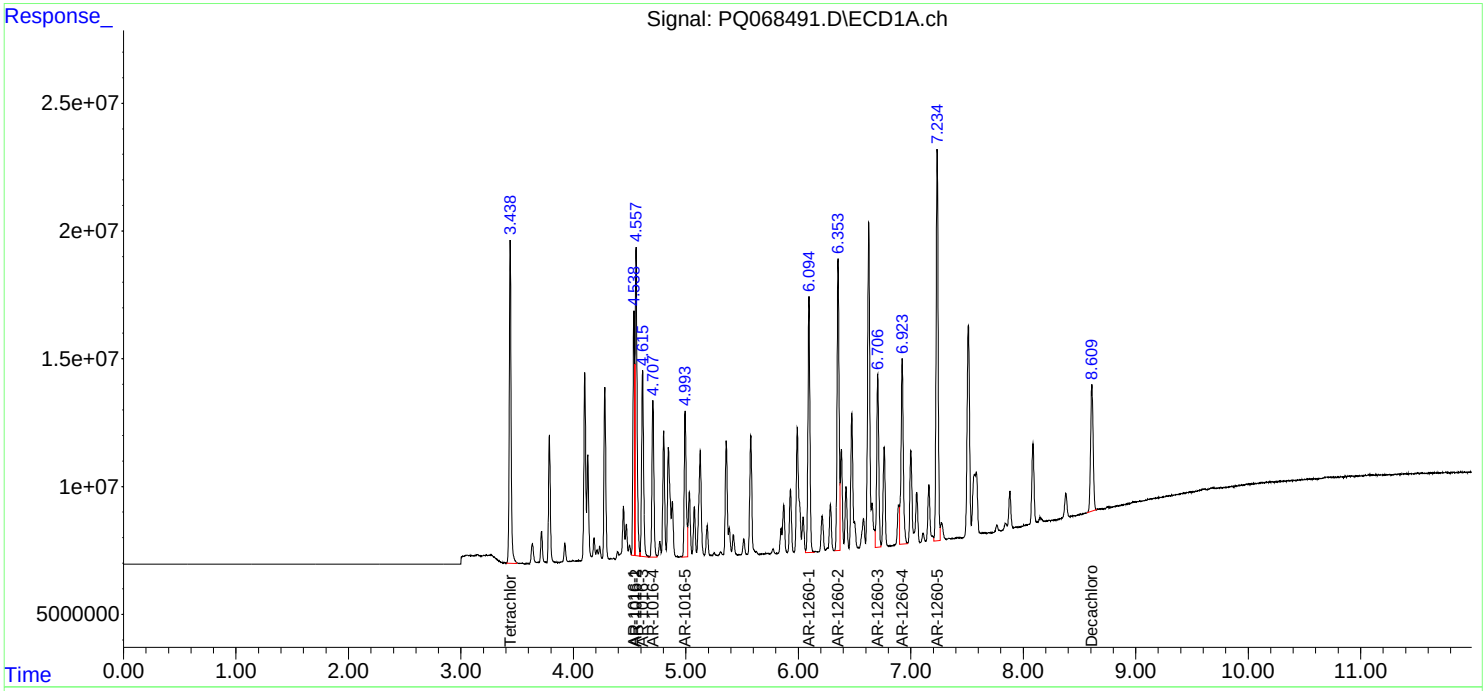
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

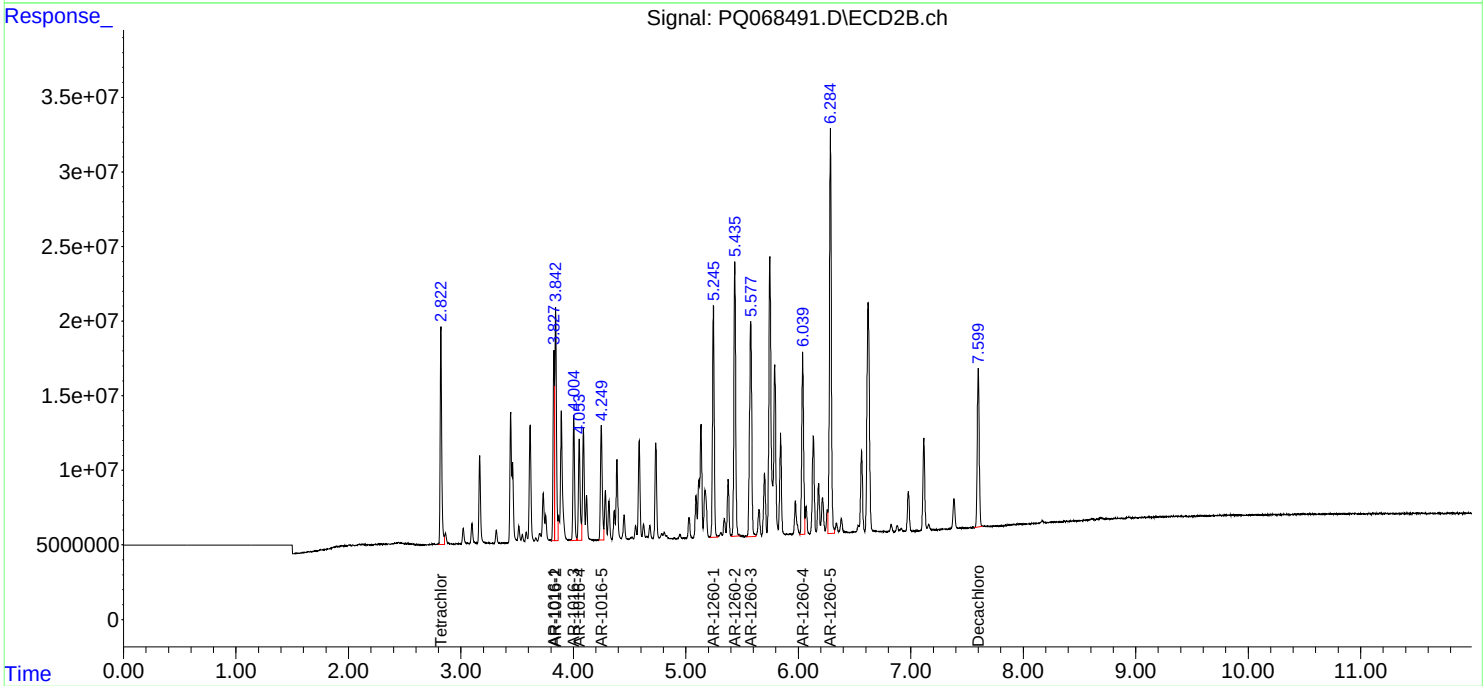
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090924\
Data File : PQ068491.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 08:33
Operator : YP\AJ
Sample : PB163234BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

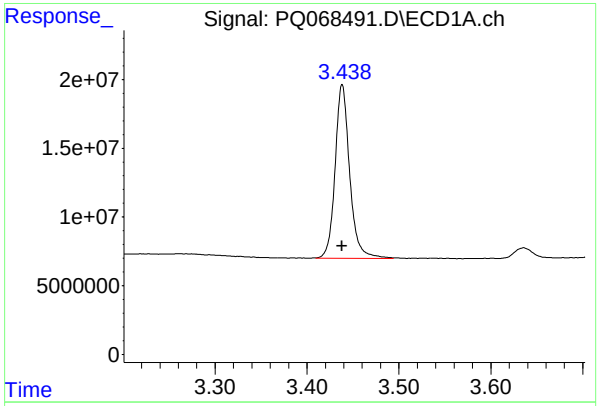
Instrument :
ECD_Q
ClientSampleId :
PB163234BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 06:59:02 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 10 13:06:53 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



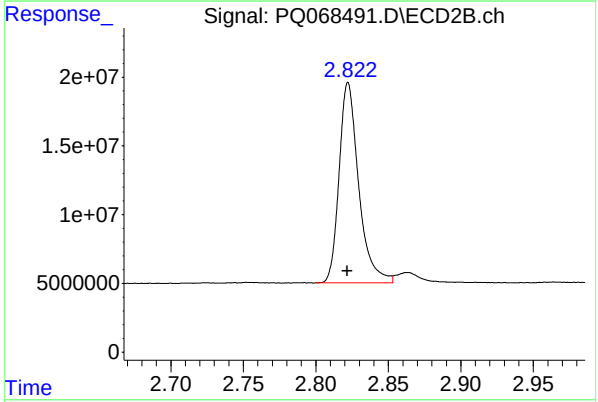




#1 Tetrachloro-m-xylene

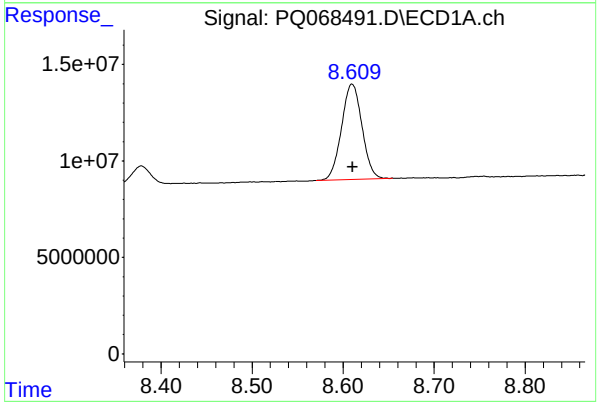
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 139001573
Conc: 19.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB163234BS



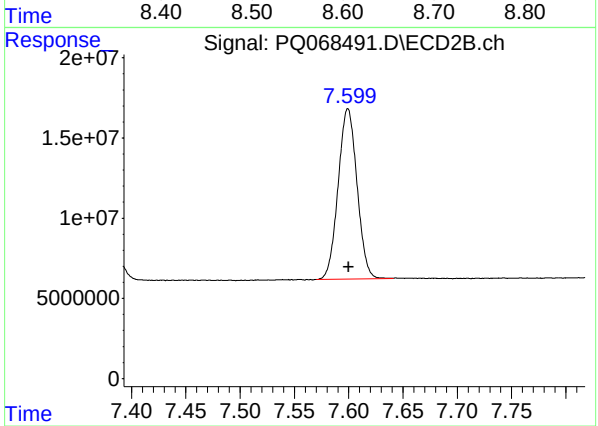
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 137046181
Conc: 19.24 ng/ml



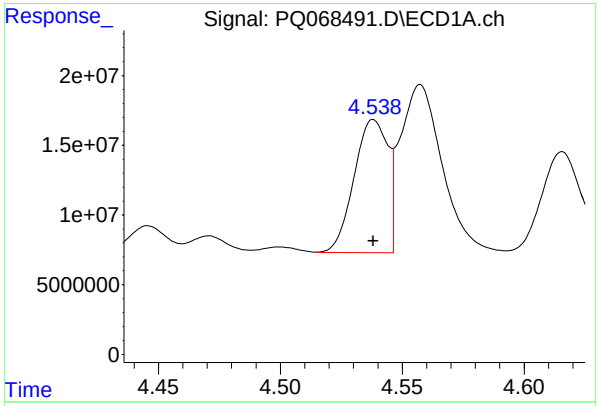
#2 Decachlorobiphenyl

R.T.: 8.610 min
Delta R.T.: 0.000 min
Response: 77222145
Conc: 17.72 ng/ml



#2 Decachlorobiphenyl

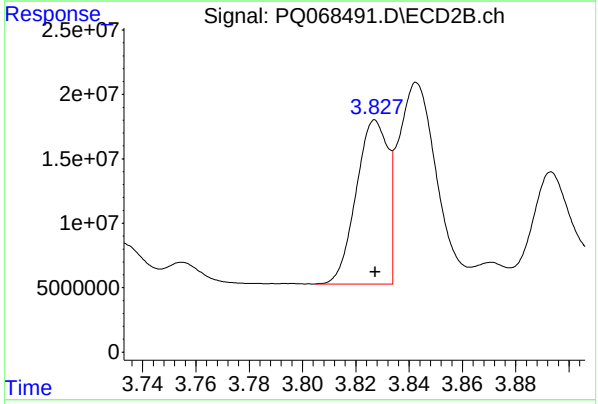
R.T.: 7.599 min
Delta R.T.: 0.000 min
Response: 128655466
Conc: 19.48 ng/ml



#3 AR-1016-1

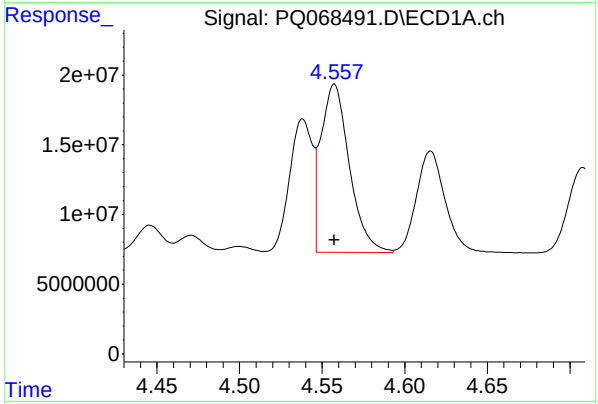
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 91837270
Conc: 393.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB163234BS



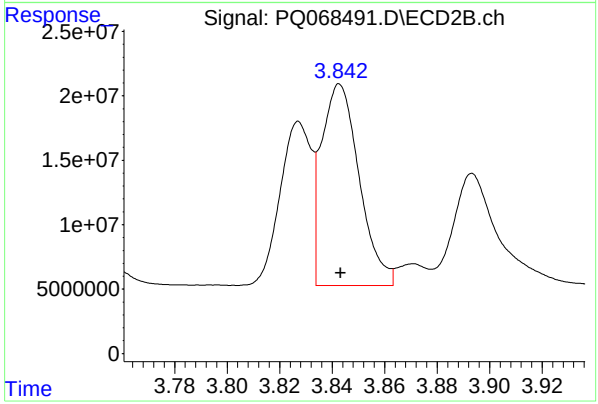
#3 AR-1016-1

R.T.: 3.827 min
Delta R.T.: 0.000 min
Response: 105065789
Conc: 442.44 ng/ml



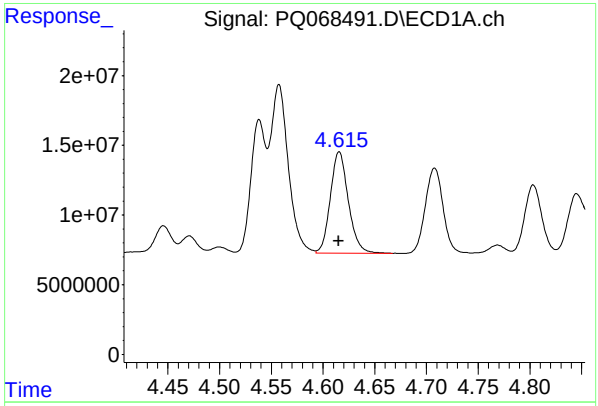
#4 AR-1016-2

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 144852009
Conc: 394.52 ng/ml



#4 AR-1016-2

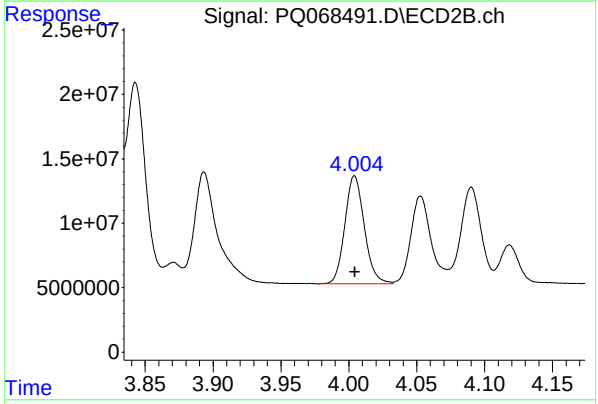
R.T.: 3.843 min
Delta R.T.: 0.000 min
Response: 155709241
Conc: 430.91 ng/ml



#5 AR-1016-3

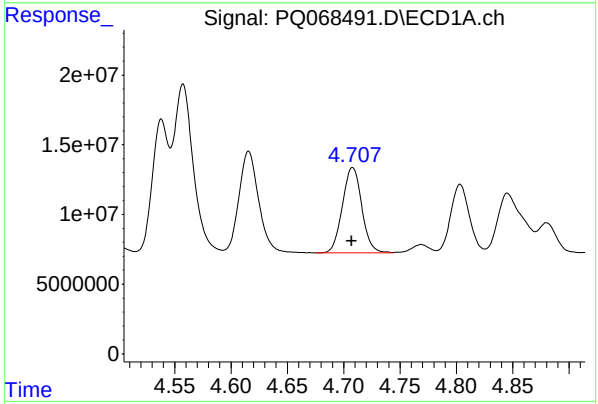
R.T.: 4.616 min
Delta R.T.: 0.000 min
Response: 88196428
Conc: 390.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB163234BS



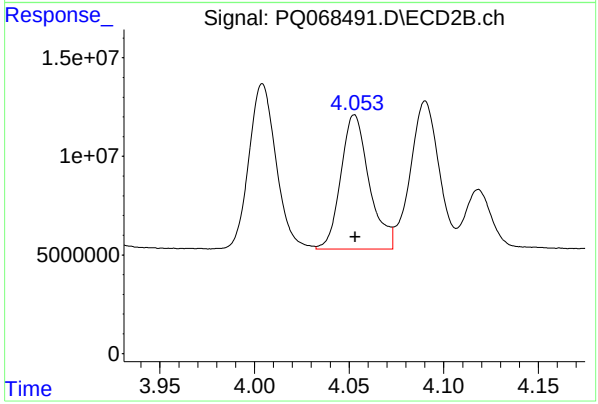
#5 AR-1016-3

R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 83909256
Conc: 432.00 ng/ml



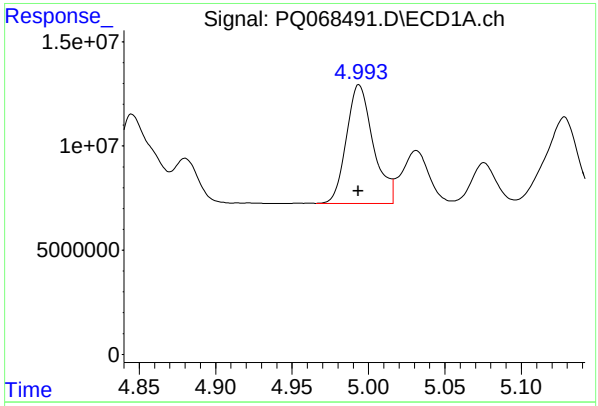
#6 AR-1016-4

R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 73602079
Conc: 386.58 ng/ml



#6 AR-1016-4

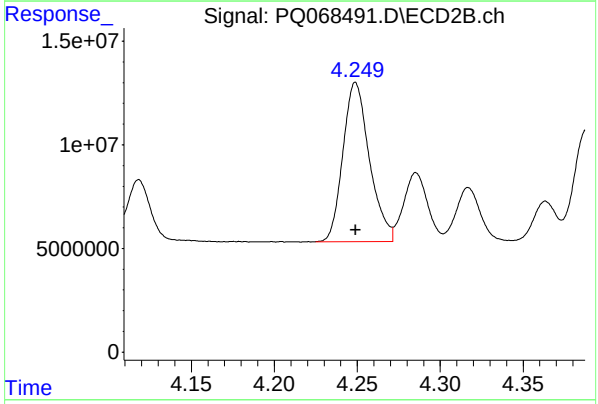
R.T.: 4.053 min
Delta R.T.: 0.000 min
Response: 71207207
Conc: 440.92 ng/ml



#7 AR-1016-5

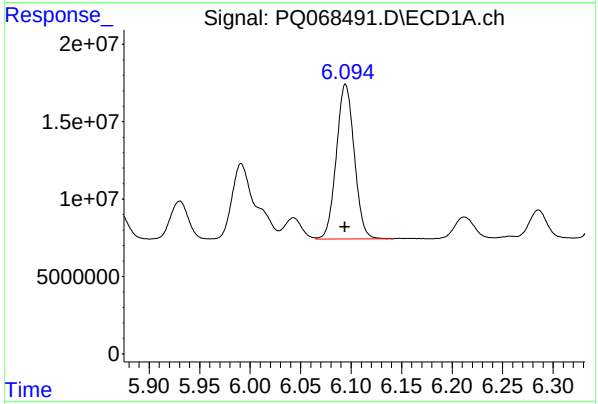
R.T.: 4.994 min
Delta R.T.: 0.000 min
Response: 69882321
Conc: 395.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB163234BS



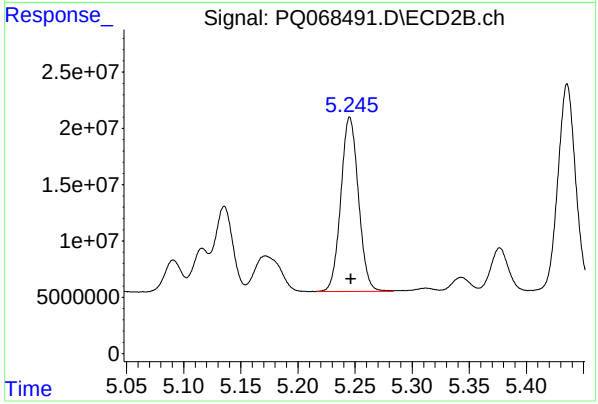
#7 AR-1016-5

R.T.: 4.249 min
Delta R.T.: 0.000 min
Response: 85616564
Conc: 443.26 ng/ml



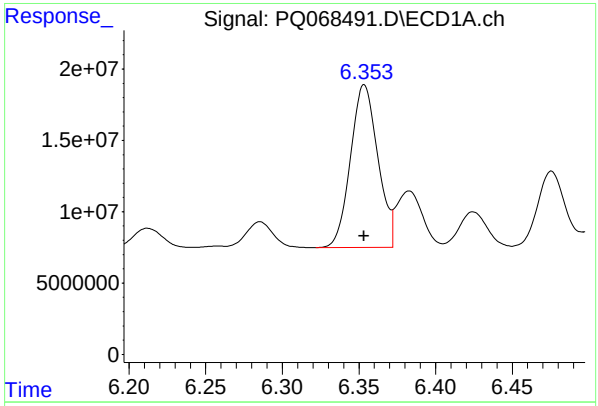
#31 AR-1260-1

R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 123794264
Conc: 372.26 ng/ml



#31 AR-1260-1

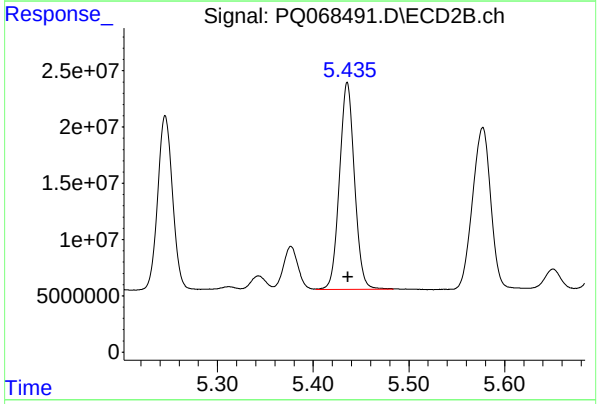
R.T.: 5.245 min
Delta R.T.: -0.001 min
Response: 166521837
Conc: 433.67 ng/ml



#32 AR-1260-2

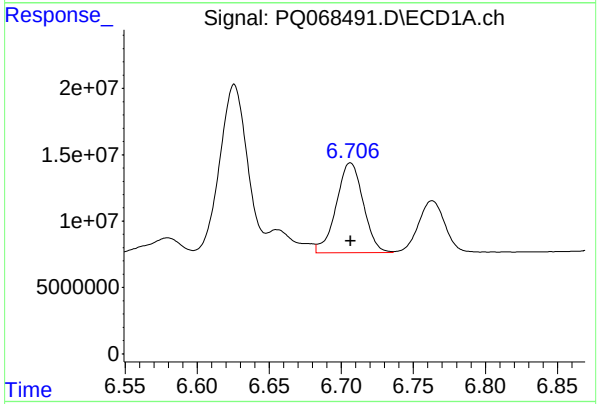
R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 142519015
Conc: 380.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB163234BS



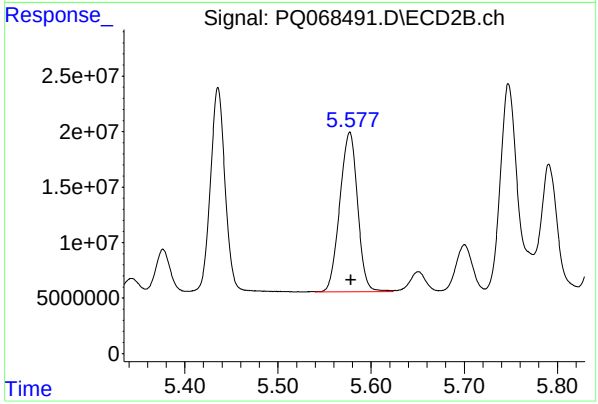
#32 AR-1260-2

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 199783083
Conc: 438.32 ng/ml



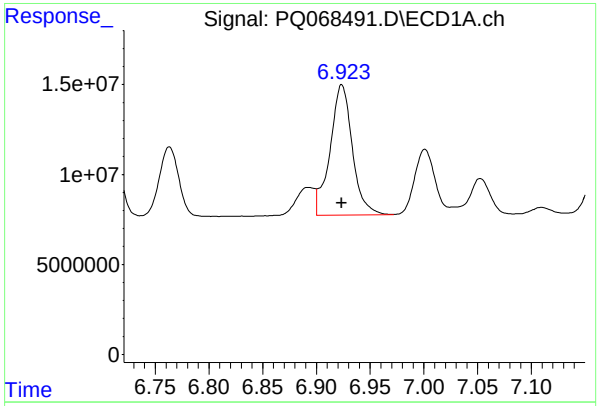
#33 AR-1260-3

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 88022709
Conc: 374.55 ng/ml



#33 AR-1260-3

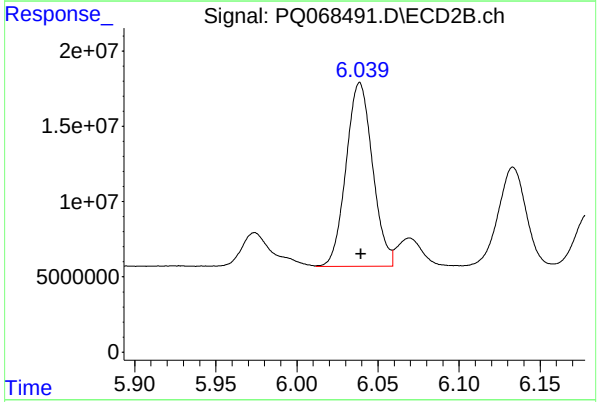
R.T.: 5.577 min
Delta R.T.: -0.001 min
Response: 191415055
Conc: 439.21 ng/ml



#34 AR-1260-4

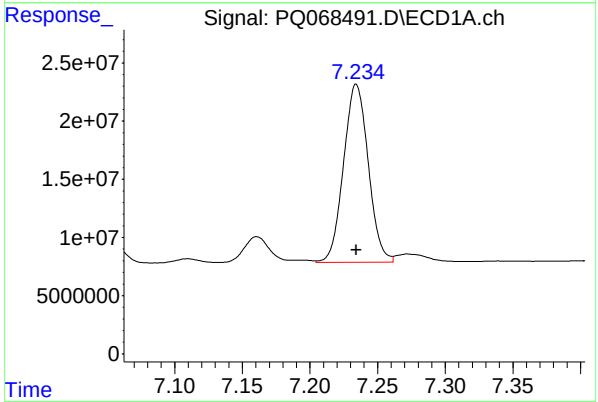
R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 104536117
Conc: 377.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB163234BS



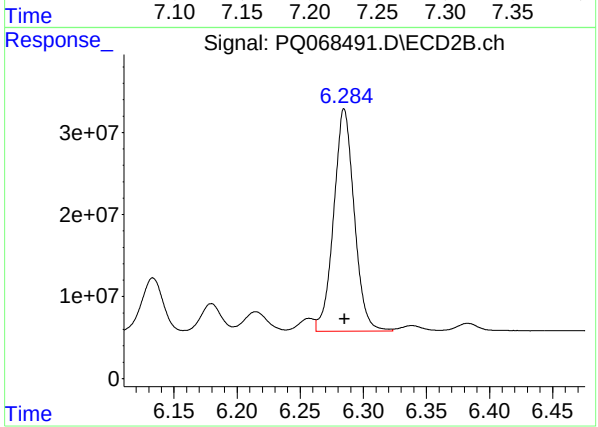
#34 AR-1260-4

R.T.: 6.039 min
Delta R.T.: 0.000 min
Response: 138714738
Conc: 431.74 ng/ml



#35 AR-1260-5

R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 194656396
Conc: 364.21 ng/ml



#35 AR-1260-5

R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 307657048
Conc: 422.18 ng/ml

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	NJ Waste Water PT	Date Received:	
Client Sample ID:	PB163234BSD	SDG No.:	P3845
Lab Sample ID:	PB163234BSD	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ068492.D	1	09/09/24 09:05	09/10/24 08:48	PB163234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	4.40		0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
11096-82-5	Aroclor-1260	4.40		0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.3		10 - 157	96%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.6		10 - 173	98%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090924\
Data File : PQ068492.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 08:48
Operator : YP\AJ
Sample : PB163234BSD
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
PB163234BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 07:01:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 10 13:06:53 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.438	2.822	137.6E6	136.1E6	19.275	19.111
2)	SA Decachlor...	8.610	7.599	78410764	129.5E6	17.991	19.615
	Target Compounds						
3)	L1 AR-1016-1	4.538	3.827	93527095	104.3E6	400.261	439.090
4)	L1 AR-1016-2	4.557	3.843	143.7E6	156.4E6	391.520	432.909
5)	L1 AR-1016-3	4.615	4.004	88186105	83761314	390.145	431.242
6)	L1 AR-1016-4	4.708	4.053	73258755	70792132	384.775	438.349
7)	L1 AR-1016-5	4.994	4.248	70134689	85427994	396.675	442.288
31)	L7 AR-1260-1	6.094	5.246	124.7E6	166.8E6	375.034	434.460
32)	L7 AR-1260-2	6.354	5.435	143.1E6	200.2E6	381.643	439.279
33)	L7 AR-1260-3	6.707	5.577	87707684	200.4E6	373.207	459.732
34)	L7 AR-1260-4	6.924	6.039	104.8E6	138.9E6	378.026	432.285
35)	L7 AR-1260-5	7.234	6.285	196.6E6	308.5E6	367.837	423.322

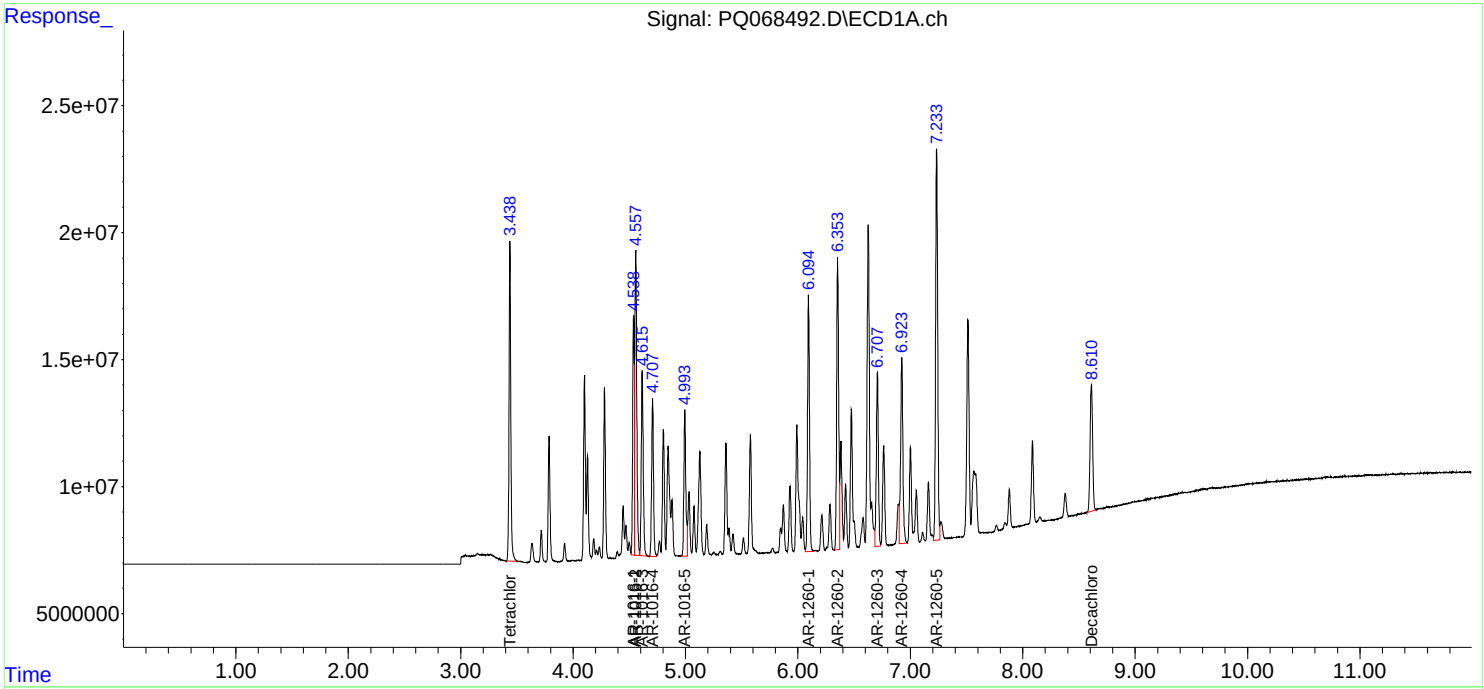
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

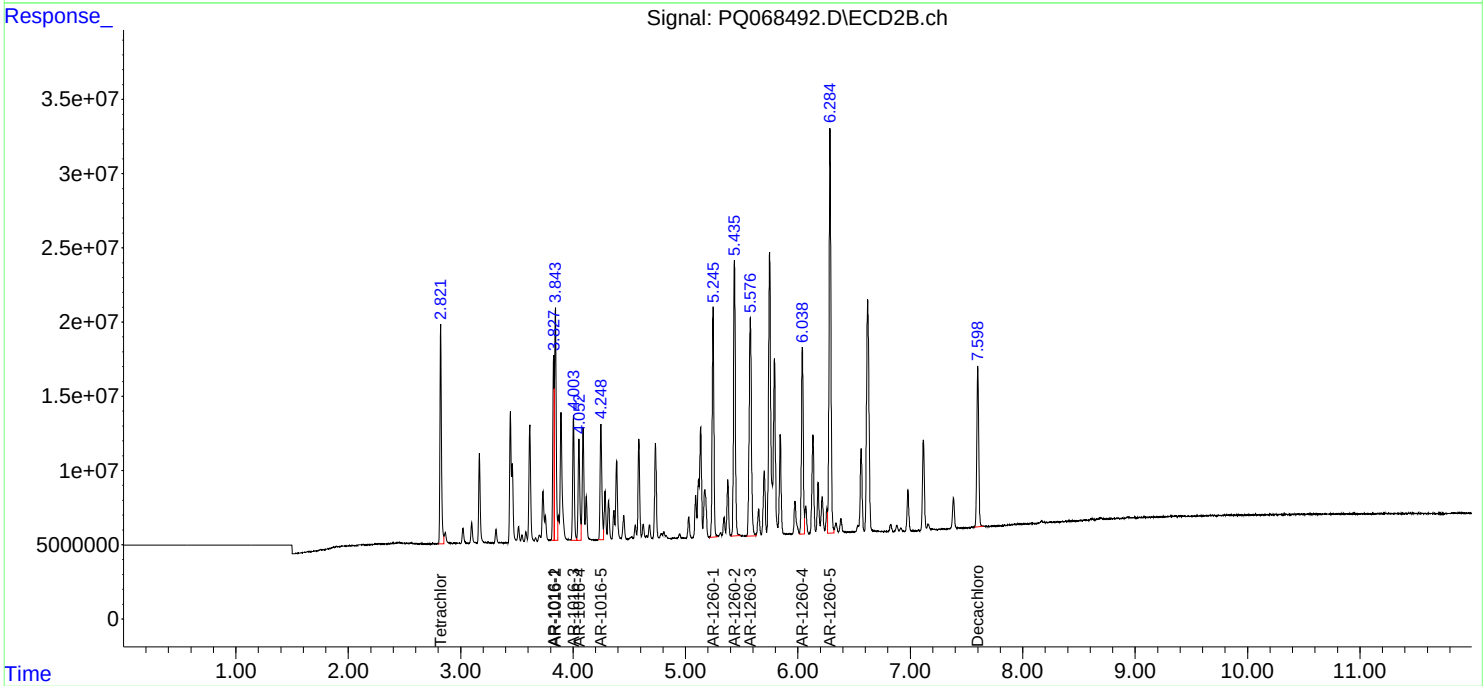
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090924\
Data File : PQ068492.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 08:48
Operator : YP\AJ
Sample : PB163234BSD
Misc :
ALS Vial : 41 Sample Multiplier: 1

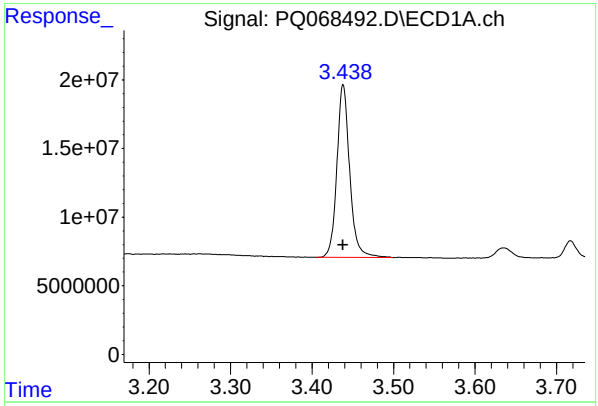
Instrument :
ECD_Q
ClientSampleId :
PB163234BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 07:01:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 10 13:06:53 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



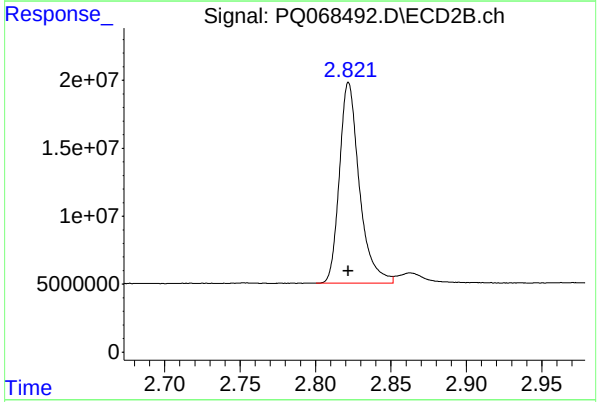




#1 Tetrachloro-m-xylene

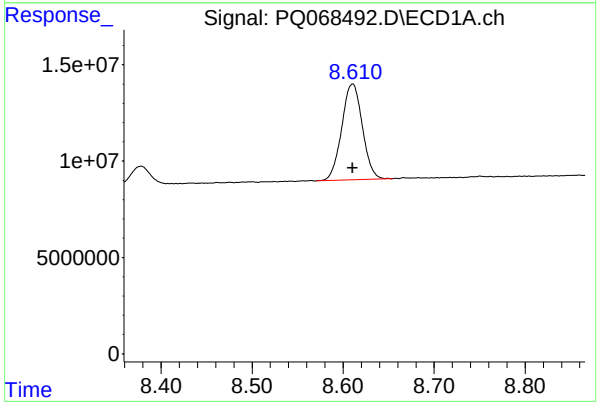
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 137632755
Conc: 19.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB163234BSD



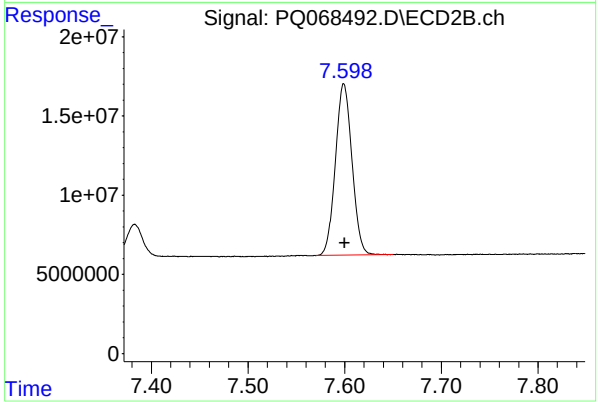
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 136115286
Conc: 19.11 ng/ml



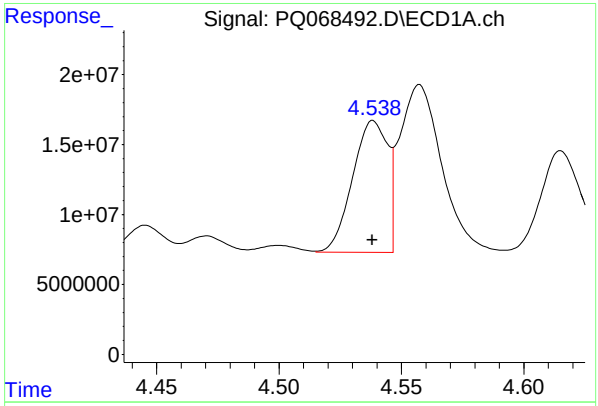
#2 Decachlorobiphenyl

R.T.: 8.610 min
Delta R.T.: 0.000 min
Response: 78410764
Conc: 17.99 ng/ml



#2 Decachlorobiphenyl

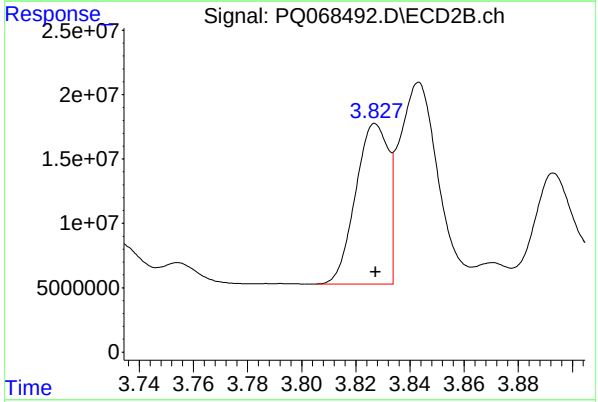
R.T.: 7.599 min
Delta R.T.: 0.000 min
Response: 129531929
Conc: 19.61 ng/ml



#3 AR-1016-1

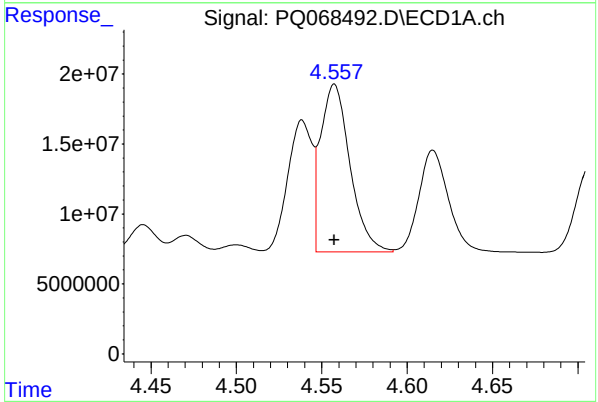
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 93527095
Conc: 400.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB163234BSD



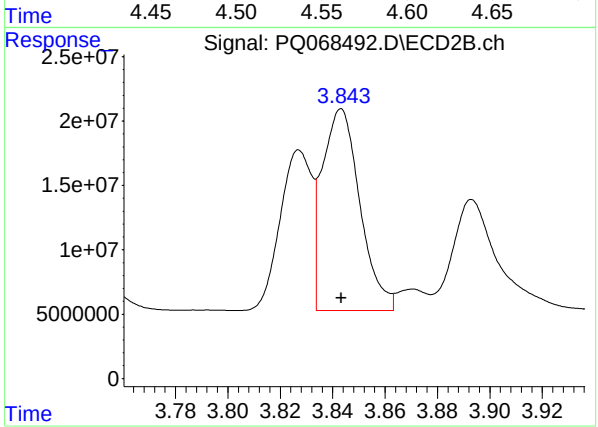
#3 AR-1016-1

R.T.: 3.827 min
Delta R.T.: 0.000 min
Response: 104270592
Conc: 439.09 ng/ml



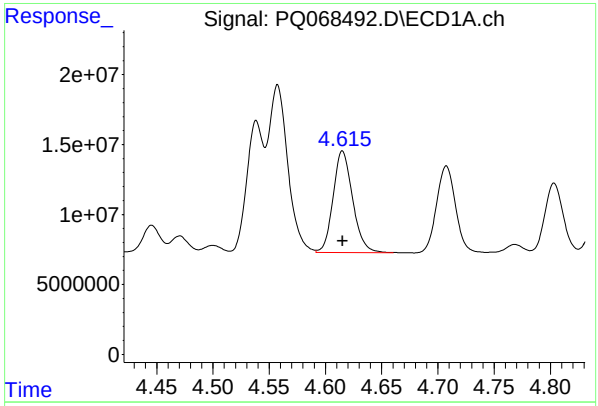
#4 AR-1016-2

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 143749090
Conc: 391.52 ng/ml



#4 AR-1016-2

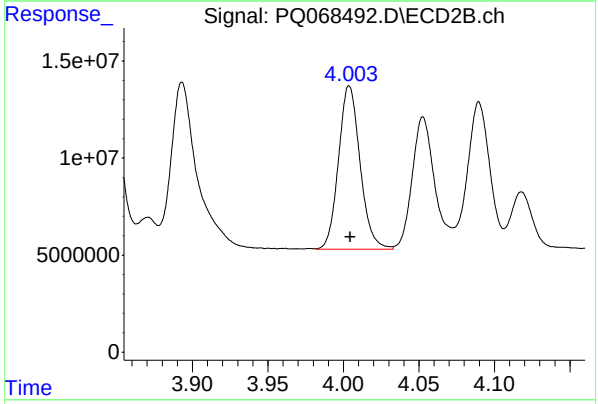
R.T.: 3.843 min
Delta R.T.: 0.000 min
Response: 156432699
Conc: 432.91 ng/ml



#5 AR-1016-3

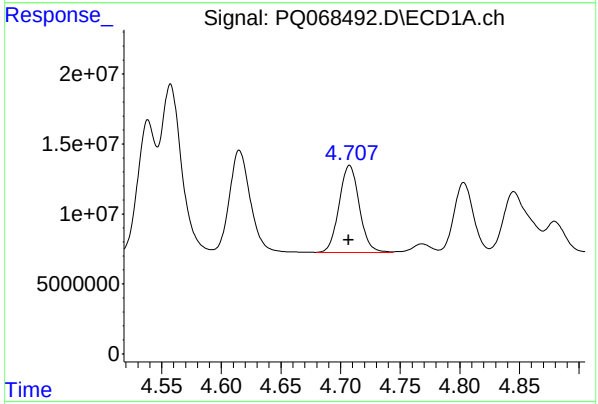
R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 88186105
Conc: 390.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB163234BSD



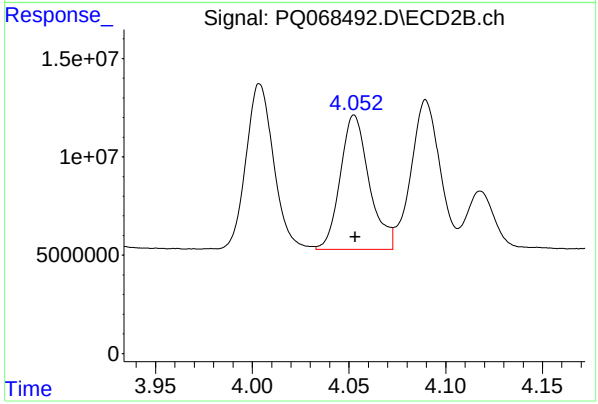
#5 AR-1016-3

R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 83761314
Conc: 431.24 ng/ml



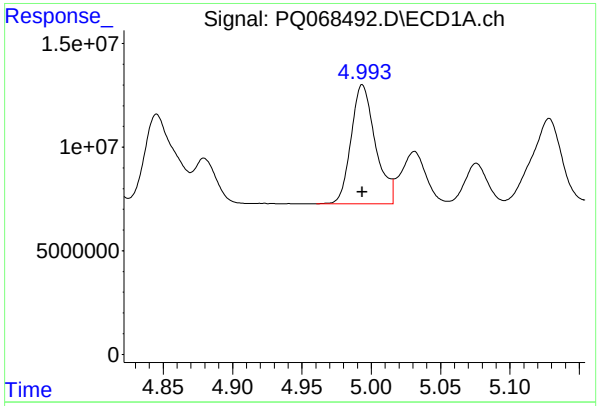
#6 AR-1016-4

R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 73258755
Conc: 384.78 ng/ml



#6 AR-1016-4

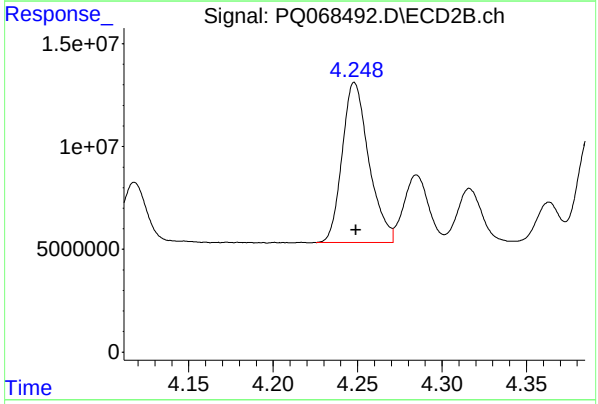
R.T.: 4.053 min
Delta R.T.: 0.000 min
Response: 70792132
Conc: 438.35 ng/ml



#7 AR-1016-5

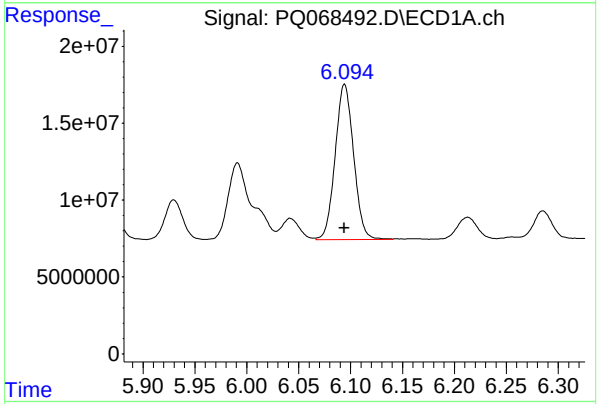
R.T.: 4.994 min
Delta R.T.: 0.000 min
Response: 70134689
Conc: 396.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB163234BSD



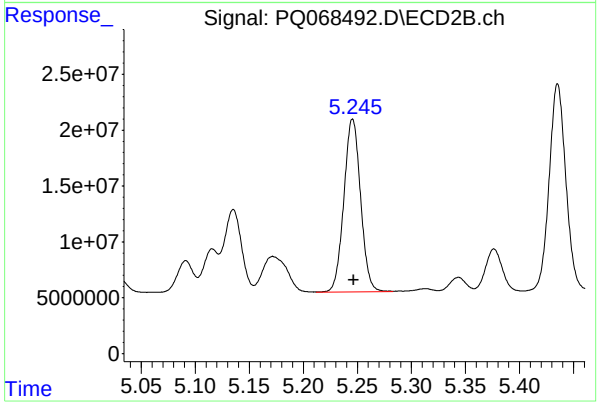
#7 AR-1016-5

R.T.: 4.248 min
Delta R.T.: -0.001 min
Response: 85427994
Conc: 442.29 ng/ml



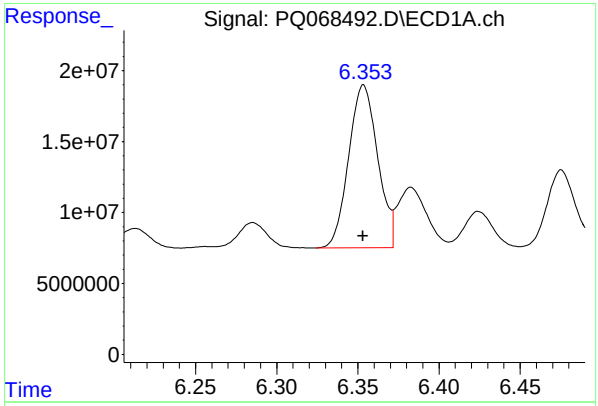
#31 AR-1260-1

R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 124717701
Conc: 375.03 ng/ml



#31 AR-1260-1

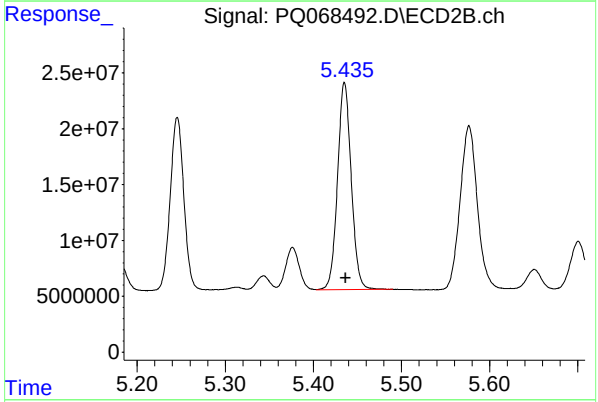
R.T.: 5.246 min
Delta R.T.: 0.000 min
Response: 166826105
Conc: 434.46 ng/ml



#32 AR-1260-2

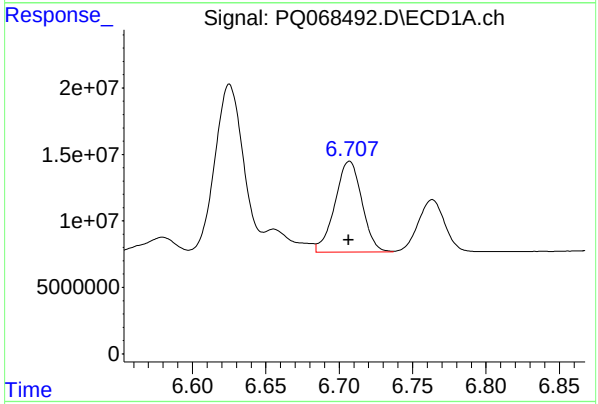
R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 143050226
Conc: 381.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB163234BSD



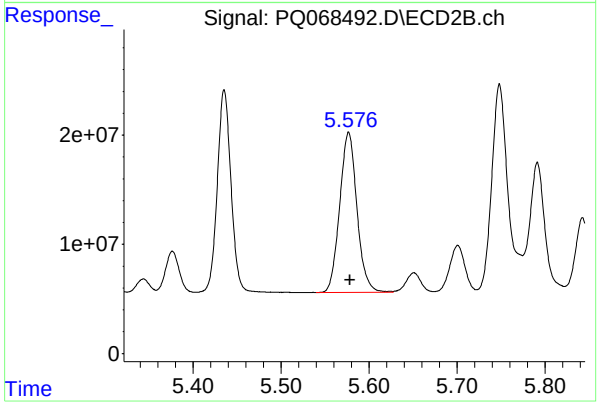
#32 AR-1260-2

R.T.: 5.435 min
Delta R.T.: -0.001 min
Response: 200222272
Conc: 439.28 ng/ml



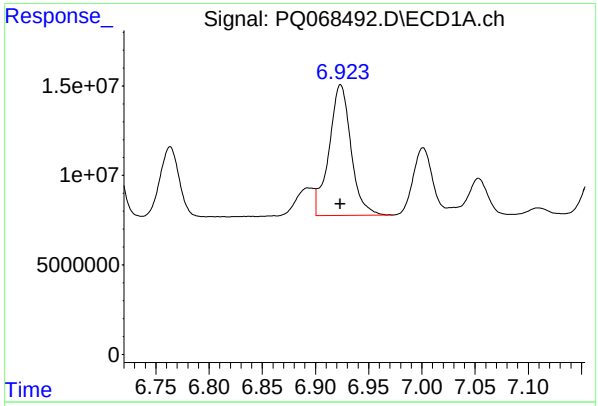
#33 AR-1260-3

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 87707684
Conc: 373.21 ng/ml



#33 AR-1260-3

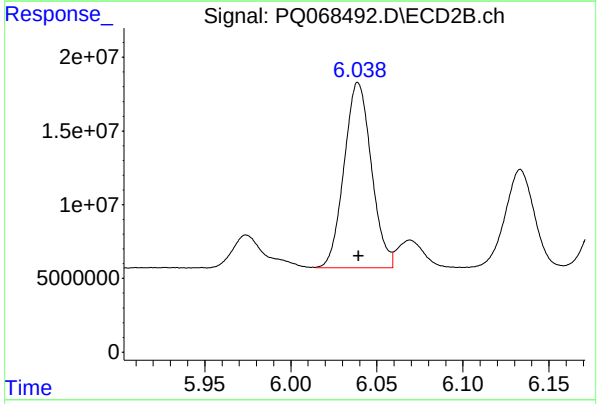
R.T.: 5.577 min
Delta R.T.: -0.002 min
Response: 200358321
Conc: 459.73 ng/ml



#34 AR-1260-4

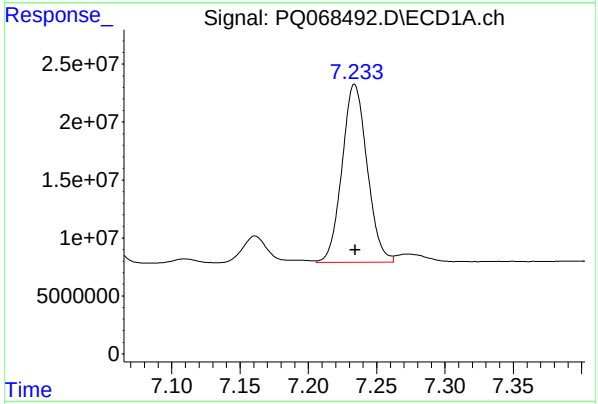
R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 104753556
Conc: 378.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB163234BSD



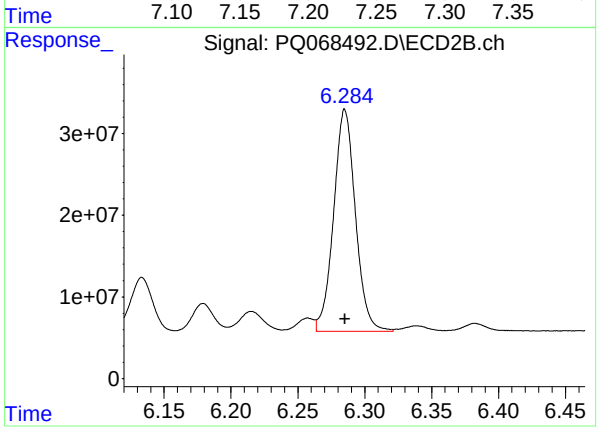
#34 AR-1260-4

R.T.: 6.039 min
Delta R.T.: 0.000 min
Response: 138890980
Conc: 432.28 ng/ml



#35 AR-1260-5

R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 196593796
Conc: 367.84 ng/ml



#35 AR-1260-5

R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 308487308
Conc: 423.32 ng/ml

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	PQ090624	Instrument	ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PQ068368.D	AR-1016-5	yogesh	9/9/2024 8:55:28 AM	Ankita	9/9/2024 9:36:31	Peak Integrated by Software
AR1660ICC050	PQ068368.D	AR-1260-1	yogesh	9/9/2024 8:55:28 AM	Ankita	9/9/2024 9:36:31	Peak Integrated by Software
AR1660ICC050	PQ068368.D	AR-1260-2	yogesh	9/9/2024 8:55:28 AM	Ankita	9/9/2024 9:36:31	Peak Integrated by Software
AR1268ICC1000	PQ068387.D	AR-1268-1	yogesh	9/9/2024 8:55:30 AM	Ankita	9/9/2024 9:36:33	Peak Integrated by Software
AR1268ICC1000	PQ068387.D	AR-1268-1 #2	yogesh	9/9/2024 8:55:30 AM	Ankita	9/9/2024 9:36:33	Peak Integrated by Software
AR1268ICC750	PQ068388.D	AR-1268-1	yogesh	9/9/2024 8:55:31 AM	Ankita	9/9/2024 9:36:34	Peak Integrated by Software
AR1268ICC750	PQ068388.D	AR-1268-1 #2	yogesh	9/9/2024 8:55:31 AM	Ankita	9/9/2024 9:36:34	Peak Integrated by Software
AR1268ICC500	PQ068389.D	AR-1268-1	yogesh	9/9/2024 8:55:33 AM	Ankita	9/9/2024 9:36:35	Peak Integrated by Software
AR1268ICC500	PQ068389.D	AR-1268-1 #2	yogesh	9/9/2024 8:55:33 AM	Ankita	9/9/2024 9:36:35	Peak Integrated by Software
AR1268ICC250	PQ068390.D	AR-1268-1	yogesh	9/9/2024 8:55:36 AM	Ankita	9/9/2024 9:38:27	Peak Integrated by Software
AR1268ICC250	PQ068390.D	AR-1268-1 #2	yogesh	9/9/2024 8:55:36 AM	Ankita	9/9/2024 9:38:27	Peak Integrated by Software
AR1268ICC050	PQ068391.D	AR-1268-1 #2	yogesh	9/9/2024 8:55:37 AM	Ankita	9/9/2024 9:36:42	Peak Integrated by Software
AR1242ICV500	PQ068393.D	Tetrachloro-m-xylene #2	yogesh	9/9/2024 8:55:38 AM	Ankita	9/9/2024 9:36:43	Peak Integrated by Software

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Manual Integration Report

Sequence:	PQ090624	Instrument	ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1268ICV500	PQ068396.D	AR-1268-1 #2	yogesh	9/9/2024 8:55:40 AM	Ankita	9/9/2024 9:38:08	Peak Integrated by Software
AR1660CCC500	PQ068426.D	AR-1016-5	yogesh	9/9/2024 8:55:48 AM	Ankita	9/9/2024 9:38:35	Peak Integrated by Software
AR1660CCC500	PQ068426.D	AR-1260-1	yogesh	9/9/2024 8:55:48 AM	Ankita	9/9/2024 9:38:35	Peak Integrated by Software
AR1660CCC500	PQ068426.D	AR-1260-1 #2	yogesh	9/9/2024 8:55:48 AM	Ankita	9/9/2024 9:38:35	Peak Integrated by Software
AR1660CCC500	PQ068426.D	AR-1260-2	yogesh	9/9/2024 8:55:48 AM	Ankita	9/9/2024 9:38:35	Peak Integrated by Software

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Manual Integration Report

Sequence:	PQ090924	Instrument	ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	PQ091024	Instrument	ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ090624

Review By	yogesh	Review On	9/9/2024 8:56:02 AM		
Supervise By	Ankita	Supervise On	9/9/2024 9:38:49 AM		
SubDirectory	PQ090624	HP Acquire Method		HP Processing Method	PQ090624

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23216,PP23217,PP23218,PP23219,PP23220,PP23221,PP23222,PP23223,PP23224,PP23225,PP23226,PP23227,PP23228,PP23229,PP23230,PP23231,PP23232,PP23233,PP23234,PP23235,PP23236,PP23237,PP23238,PP23239,PP23240,PP23241,PP23242,PP23243,PP23244,PP23245,PP23246,PP23247,PP23248,PP23249,PP23250,PP23251,PP23252,PP23253,PP23254,PP23255
CCC	PP23218,PP23223,PP23228,PP23233,PP23238,PP23243,PP23248,PP23253
Internal Standard/PEM	
ICV/I.BLK	PP23259,PP23579,PP23263,PP23265,PP23267,PP23269,PP23271,PP23273
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PQ068362.D	06 Sep 2024 13:15	YP\AJ	Ok
2	I.BLK	PQ068363.D	06 Sep 2024 13:30	YP\AJ	Ok
3	AR1660ICC1000	PQ068364.D	06 Sep 2024 13:44	YP\AJ	Ok
4	AR1660ICC750	PQ068365.D	06 Sep 2024 13:59	YP\AJ	Ok
5	AR1660ICC500	PQ068366.D	06 Sep 2024 14:13	YP\AJ	Ok
6	AR1660ICC250	PQ068367.D	06 Sep 2024 14:28	YP\AJ	Ok
7	AR1660ICC050	PQ068368.D	06 Sep 2024 14:43	YP\AJ	Ok,M
8	AR1221ICC500	PQ068369.D	06 Sep 2024 14:57	YP\AJ	Ok
9	AR1232ICC500	PQ068370.D	06 Sep 2024 15:12	YP\AJ	Ok
10	AR1242ICC1000	PQ068371.D	06 Sep 2024 15:26	YP\AJ	Ok
11	AR1242ICC750	PQ068372.D	06 Sep 2024 15:41	YP\AJ	Ok
12	AR1242ICC500	PQ068373.D	06 Sep 2024 15:55	YP\AJ	Ok
13	AR1242ICC250	PQ068374.D	06 Sep 2024 16:10	YP\AJ	Ok
14	AR1242ICC050	PQ068375.D	06 Sep 2024 16:25	YP\AJ	Ok
15	AR1248ICC1000	PQ068376.D	06 Sep 2024 16:39	YP\AJ	Ok
16	AR1248ICC750	PQ068377.D	06 Sep 2024 16:54	YP\AJ	Ok
17	AR1248ICC500	PQ068378.D	06 Sep 2024 17:08	YP\AJ	Ok
18	AR1248ICC250	PQ068379.D	06 Sep 2024 17:23	YP\AJ	Ok
19	AR1248ICC050	PQ068380.D	06 Sep 2024 17:38	YP\AJ	Ok
20	AR1254ICC1000	PQ068381.D	06 Sep 2024 17:52	YP\AJ	Ok
21	AR1254ICC750	PQ068382.D	06 Sep 2024 18:07	YP\AJ	Ok

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ090624

Review By	yogesh	Review On	9/9/2024 8:56:02 AM		
Supervise By	Ankita	Supervise On	9/9/2024 9:38:49 AM		
SubDirectory	PQ090624	HP Acquire Method		HP Processing Method	PQ090624

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23216,PP23217,PP23218,PP23219,PP23220,PP23221,PP23222,PP23223,PP23224,PP23225,PP23226,PP23227,PP23228,PP23229,PP23230,PP23231,PP23232,PP23233,PP23234,PP23235,PP23236,PP23237,PP23238,PP23239,PP23240,PP23241,PP23242,PP23243,PP23244,PP23245,PP23246,PP23247,PP23248,PP23249,PP23250,PP23251,PP23252,PP23253,PP23254,PP23255
CCC	PP23218,PP23223,PP23228,PP23233,PP23238,PP23243,PP23248,PP23253
Internal Standard/PEM	
ICV/I.BLK	PP23259,PP23579,PP23263,PP23265,PP23267,PP23269,PP23271,PP23273
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	AR1254ICC500	PQ068383.D	06 Sep 2024 18:21	YP\AJ	Ok
23	AR1254ICC250	PQ068384.D	06 Sep 2024 18:36	YP\AJ	Ok
24	AR1254ICC050	PQ068385.D	06 Sep 2024 18:51	YP\AJ	Ok
25	AR1262ICC500	PQ068386.D	06 Sep 2024 19:05	YP\AJ	Ok
26	AR1268ICC1000	PQ068387.D	06 Sep 2024 19:20	YP\AJ	Ok,M
27	AR1268ICC750	PQ068388.D	06 Sep 2024 19:34	YP\AJ	Ok,M
28	AR1268ICC500	PQ068389.D	06 Sep 2024 19:49	YP\AJ	Ok,M
29	AR1268ICC250	PQ068390.D	06 Sep 2024 20:04	YP\AJ	Ok,M
30	AR1268ICC050	PQ068391.D	06 Sep 2024 20:18	YP\AJ	Ok,M
31	PQ090624ICV500	PQ068392.D	06 Sep 2024 20:33	YP\AJ	Ok
32	AR1242ICV500	PQ068393.D	06 Sep 2024 20:47	YP\AJ	Ok,M
33	AR1248ICV500	PQ068394.D	06 Sep 2024 21:02	YP\AJ	Ok
34	AR1254ICV500	PQ068395.D	06 Sep 2024 21:17	YP\AJ	Ok
35	AR1268ICV500	PQ068396.D	06 Sep 2024 21:31	YP\AJ	Ok,M
36	AR1660CCC500	PQ068397.D	06 Sep 2024 21:46	YP\AJ	Ok
37	AR1242CCC500	PQ068398.D	06 Sep 2024 22:00	YP\AJ	Ok
38	AR1248CCC500	PQ068399.D	06 Sep 2024 22:15	YP\AJ	Ok
39	AR1254CCC500	PQ068400.D	06 Sep 2024 22:30	YP\AJ	Ok
40	I.BLK	PQ068401.D	06 Sep 2024 22:44	YP\AJ	Ok
41	PB163176BL	PQ068402.D	06 Sep 2024 22:59	YP\AJ	Ok
42	PB163176BS	PQ068403.D	06 Sep 2024 23:14	YP\AJ	Ok
43	P3852-01	PQ068404.D	06 Sep 2024 23:28	YP\AJ	Ok
44	P3852-02	PQ068405.D	06 Sep 2024 23:43	YP\AJ	Ok

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ090624

Review By	yogesh	Review On	9/9/2024 8:56:02 AM		
Supervise By	Ankita	Supervise On	9/9/2024 9:38:49 AM		
SubDirectory	PQ090624	HP Acquire Method		HP Processing Method	PQ090624

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23216,PP23217,PP23218,PP23219,PP23220,PP23221,PP23222,PP23223,PP23224,PP23225,PP23226,PP23227,PP23228,PP23229,PP23230,PP23231,PP23232,PP23233,PP23234,PP23235,PP23236,PP23237,PP23238,PP23239,PP23240,PP23241,PP23242,PP23243,PP23244,PP23245,PP23246,PP23247,PP23248,PP23249,PP23250,PP23251,PP23252,PP23253,PP23254,PP23255
CCC	PP23218,PP23223,PP23228,PP23233,PP23238,PP23243,PP23248,PP23253
Internal Standard/PEM	
ICV/I.BLK	PP23259,PP23579,PP23263,PP23265,PP23267,PP23269,PP23271,PP23273
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	P3852-02MS	PQ068406.D	06 Sep 2024 23:57	YP\AJ	Ok,M
46	P3852-02MSD	PQ068407.D	07 Sep 2024 00:12	YP\AJ	Ok,M
47	P3852-04	PQ068408.D	07 Sep 2024 00:27	YP\AJ	Ok
48	P3857-01	PQ068409.D	07 Sep 2024 00:41	YP\AJ	Ok
49	P3857-04	PQ068410.D	07 Sep 2024 00:56	YP\AJ	Ok
50	P3857-07	PQ068411.D	07 Sep 2024 01:11	YP\AJ	Ok
51	AR1660CCC500	PQ068412.D	07 Sep 2024 02:24	YP\AJ	Ok
52	AR1242CCC500	PQ068413.D	07 Sep 2024 02:38	YP\AJ	Ok
53	AR1248CCC500	PQ068414.D	07 Sep 2024 02:53	YP\AJ	Ok
54	AR1254CCC500	PQ068415.D	07 Sep 2024 03:07	YP\AJ	Ok
55	I.BLK	PQ068416.D	07 Sep 2024 03:22	YP\AJ	Ok
56	P3857-10	PQ068417.D	07 Sep 2024 03:37	YP\AJ	Ok
57	P3861-01	PQ068418.D	07 Sep 2024 03:51	YP\AJ	Ok
58	P3866-01	PQ068419.D	07 Sep 2024 04:06	YP\AJ	Ok,M
59	P3852-06	PQ068420.D	07 Sep 2024 04:20	YP\AJ	Ok
60	P3850-01	PQ068421.D	07 Sep 2024 04:35	YP\AJ	Dilution
61	P3853-01	PQ068422.D	07 Sep 2024 04:50	YP\AJ	Not Ok
62	PB163181BL	PQ068423.D	07 Sep 2024 05:04	YP\AJ	Ok
63	PB163181BS	PQ068424.D	07 Sep 2024 05:19	YP\AJ	Ok,M
64	PB163181BSD	PQ068425.D	07 Sep 2024 05:34	YP\AJ	Ok
65	AR1660CCC500	PQ068426.D	07 Sep 2024 06:47	YP\AJ	Ok,M
66	AR1242CCC500	PQ068427.D	07 Sep 2024 07:01	YP\AJ	Ok
67	AR1248CCC500	PQ068428.D	07 Sep 2024 07:16	YP\AJ	Ok

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ090624

Review By	yogesh	Review On	9/9/2024 8:56:02 AM		
Supervise By	Ankita	Supervise On	9/9/2024 9:38:49 AM		
SubDirectory	PQ090624	HP Acquire Method		HP Processing Method	PQ090624

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23216,PP23217,PP23218,PP23219,PP23220,PP23221,PP23222,PP23223,PP23224,PP23225,PP23226,PP23227,PP23228,PP23229,PP23230 ,PP23231,PP23232,PP23233,PP23234,PP23235,PP23236,PP23237,PP23238,PP23239,PP23240,PP23241,PP23242,PP23243,PP23244,PP2324 5,PP23246,PP23247,PP23248,PP23249,PP23250,PP23251,PP23252,PP23253,PP23254,PP23255
CCC	PP23218,PP23223,PP23228,PP23233,PP23238,PP23243,PP23248,PP23253
Internal Standard/PEM	
ICV/I.BLK	PP23259,PP23579,PP23263,PP23265,PP23267,PP23269,PP23271,PP23273
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

68	AR1254CCC500	PQ068429.D	07 Sep 2024 07:30	YP\AJ	Ok
69	I.BLK	PQ068430.D	07 Sep 2024 07:45	YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ090924

Review By	yogesh	Review On	9/10/2024 8:42:34 AM		
Supervise By	Ankita	Supervise On	9/10/2024 11:08:22 AM		
SubDirectory	PQ090924	HP Acquire Method		HP Processing Method	PQ090624

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23216,PP23217,PP23218,PP23219,PP23220,PP23221,PP23222,PP23223,PP23224,PP23225,PP23226,PP23227,PP23228,PP23229,PP23230,PP23231,PP23232,PP23233,PP23234,PP23235,PP23236,PP23237,PP23238,PP23239,PP23240,PP23241,PP23242,PP23243,PP23244,PP23245,PP23246,PP23247,PP23248,PP23249,PP23250,PP23251,PP23252,PP23253,PP23254,PP23255
CCC	PP23218,PP23223,PP23228,PP23233,PP23238,PP23243,PP23248,PP23253
Internal Standard/PEM	
ICV/I.BLK	PP23259,PP23579,PP23263,PP23265,PP23267,PP23269,PP23271,PP23273
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PQ068431.D	09 Sep 2024 09:11	YP\AJ	Ok
2	AR1660CCC500	PQ068432.D	09 Sep 2024 09:25	YP\AJ	Ok
3	AR1242CCC500	PQ068433.D	09 Sep 2024 09:56	YP\AJ	Ok
4	AR1248CCC500	PQ068434.D	09 Sep 2024 10:11	YP\AJ	Ok
5	AR1254CCC500	PQ068435.D	09 Sep 2024 10:25	YP\AJ	Ok
6	I.BLK	PQ068436.D	09 Sep 2024 10:40	YP\AJ	Ok
7	P3851-02	PQ068437.D	09 Sep 2024 10:55	YP\AJ	Ok,M
8	P3851-08	PQ068438.D	09 Sep 2024 11:09	YP\AJ	Ok
9	P3851-12	PQ068439.D	09 Sep 2024 11:24	YP\AJ	Ok,M
10	P3851-14	PQ068440.D	09 Sep 2024 11:38	YP\AJ	Ok,M
11	AR1660CCC500	PQ068441.D	09 Sep 2024 17:29	YP\AJ	Ok
12	AR1242CCC500	PQ068442.D	09 Sep 2024 17:43	YP\AJ	Ok
13	AR1248CCC500	PQ068443.D	09 Sep 2024 17:58	YP\AJ	Ok
14	AR1254CCC500	PQ068444.D	09 Sep 2024 18:13	YP\AJ	Ok
15	I.BLK	PQ068445.D	09 Sep 2024 18:27	YP\AJ	Ok
16	PB163161BL	PQ068446.D	09 Sep 2024 18:42	YP\AJ	Not Ok
17	P3837-02	PQ068447.D	09 Sep 2024 18:56	YP\AJ	Ok
18	P3837-02RE	PQ068448.D	09 Sep 2024 19:11	YP\AJ	Not Ok
19	PB163181BL	PQ068449.D	09 Sep 2024 19:26	YP\AJ	Not Ok
20	P3853-01	PQ068450.D	09 Sep 2024 19:40	YP\AJ	Ok
21	P3850-01DL	PQ068451.D	09 Sep 2024 19:55	YP\AJ	Ok

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ090924

Review By	yogesh	Review On	9/10/2024 8:42:34 AM		
Supervise By	Ankita	Supervise On	9/10/2024 11:08:22 AM		
SubDirectory	PQ090924	HP Acquire Method		HP Processing Method	PQ090624

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23216,PP23217,PP23218,PP23219,PP23220,PP23221,PP23222,PP23223,PP23224,PP23225,PP23226,PP23227,PP23228,PP23229,PP23230,PP23231,PP23232,PP23233,PP23234,PP23235,PP23236,PP23237,PP23238,PP23239,PP23240,PP23241,PP23242,PP23243,PP23244,PP23245,PP23246,PP23247,PP23248,PP23249,PP23250,PP23251,PP23252,PP23253,PP23254,PP23255
CCC	PP23218,PP23223,PP23228,PP23233,PP23238,PP23243,PP23248,PP23253
Internal Standard/PEM	
ICV/I.BLK	PP23259,PP23579,PP23263,PP23265,PP23267,PP23269,PP23271,PP23273
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PB163216BL	PQ068452.D	09 Sep 2024 20:09	YP\AJ	Ok
23	PB163216BS	PQ068453.D	09 Sep 2024 20:24	YP\AJ	Ok
24	P3887-01	PQ068454.D	09 Sep 2024 20:39	YP\AJ	Dilution
25	P3887-02	PQ068455.D	09 Sep 2024 20:53	YP\AJ	Dilution
26	AR1660CCC500	PQ068456.D	09 Sep 2024 22:06	YP\AJ	Ok
27	AR1242CCC500	PQ068457.D	09 Sep 2024 22:21	YP\AJ	Ok
28	AR1248CCC500	PQ068458.D	09 Sep 2024 22:35	YP\AJ	Ok
29	AR1254CCC500	PQ068459.D	09 Sep 2024 22:50	YP\AJ	Ok
30	I.BLK	PQ068460.D	09 Sep 2024 23:04	YP\AJ	Ok
31	P3897-01	PQ068461.D	09 Sep 2024 23:19	YP\AJ	Ok,M
32	P3897-02	PQ068462.D	09 Sep 2024 23:34	YP\AJ	Ok,M
33	P3897-03	PQ068463.D	09 Sep 2024 23:48	YP\AJ	Ok,M
34	P3897-04	PQ068464.D	10 Sep 2024 00:03	YP\AJ	Ok,M
35	P3897-05	PQ068465.D	10 Sep 2024 00:17	YP\AJ	Ok,M
36	P3897-06	PQ068466.D	10 Sep 2024 00:32	YP\AJ	Ok,M
37	P3897-07	PQ068467.D	10 Sep 2024 00:47	YP\AJ	Ok,M
38	P3897-08	PQ068468.D	10 Sep 2024 01:01	YP\AJ	Ok,M
39	PB163217BL	PQ068469.D	10 Sep 2024 01:16	YP\AJ	Ok
40	PB163217BS	PQ068470.D	10 Sep 2024 01:30	YP\AJ	Ok
41	AR1660CCC500	PQ068471.D	10 Sep 2024 02:43	YP\AJ	Ok
42	AR1242CCC500	PQ068472.D	10 Sep 2024 02:58	YP\AJ	Ok
43	AR1248CCC500	PQ068473.D	10 Sep 2024 03:13	YP\AJ	Ok
44	AR1254CCC500	PQ068474.D	10 Sep 2024 03:27	YP\AJ	Ok

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ090924

Review By	yogesh	Review On	9/10/2024 8:42:34 AM		
Supervise By	Ankita	Supervise On	9/10/2024 11:08:22 AM		
SubDirectory	PQ090924	HP Acquire Method		HP Processing Method	PQ090624

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23216,PP23217,PP23218,PP23219,PP23220,PP23221,PP23222,PP23223,PP23224,PP23225,PP23226,PP23227,PP23228,PP23229,PP23230,PP23231,PP23232,PP23233,PP23234,PP23235,PP23236,PP23237,PP23238,PP23239,PP23240,PP23241,PP23242,PP23243,PP23244,PP23245,PP23246,PP23247,PP23248,PP23249,PP23250,PP23251,PP23252,PP23253,PP23254,PP23255
CCC	PP23218,PP23223,PP23228,PP23233,PP23238,PP23243,PP23248,PP23253
Internal Standard/PEM	
ICV/I.BLK	PP23259,PP23579,PP23263,PP23265,PP23267,PP23269,PP23271,PP23273
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	I.BLK	PQ068475.D	10 Sep 2024 03:42	YP\AJ	Ok
46	P3880-01	PQ068476.D	10 Sep 2024 03:56	YP\AJ	Ok
47	P3880-01MS	PQ068477.D	10 Sep 2024 04:11	YP\AJ	Ok,M
48	P3880-01MSD	PQ068478.D	10 Sep 2024 04:25	YP\AJ	Ok,M
49	P3881-01	PQ068479.D	10 Sep 2024 04:40	YP\AJ	Ok
50	P3888-01	PQ068480.D	10 Sep 2024 04:55	YP\AJ	Ok,M
51	P3888-02	PQ068481.D	10 Sep 2024 05:09	YP\AJ	Ok
52	P3892-01	PQ068482.D	10 Sep 2024 05:24	YP\AJ	Ok
53	P3894-01	PQ068483.D	10 Sep 2024 05:38	YP\AJ	Ok,M
54	P3896-02	PQ068484.D	10 Sep 2024 05:53	YP\AJ	Ok,M
55	PB163234BL	PQ068485.D	10 Sep 2024 06:07	YP\AJ	Ok
56	AR1660CCC500	PQ068486.D	10 Sep 2024 07:20	YP\AJ	Ok
57	AR1242CCC500	PQ068487.D	10 Sep 2024 07:35	YP\AJ	Ok
58	AR1248CCC500	PQ068488.D	10 Sep 2024 07:49	YP\AJ	Ok
59	AR1254CCC500	PQ068489.D	10 Sep 2024 08:04	YP\AJ	Ok
60	I.BLK	PQ068490.D	10 Sep 2024 08:19	YP\AJ	Ok
61	PB163234BS	PQ068491.D	10 Sep 2024 08:33	YP\AJ	Ok
62	PB163234BSD	PQ068492.D	10 Sep 2024 08:48	YP\AJ	Ok
63	P3845-15	PQ068493.D	10 Sep 2024 09:02	YP\AJ	Not Ok
64	PP23641	PQ068494.D	10 Sep 2024 09:18	YP\AJ	Ok
65	P3872-02	PQ068495.D	10 Sep 2024 09:32	YP\AJ	Ok
66	P3896-01	PQ068496.D	10 Sep 2024 09:47	YP\AJ	Ok
67	PP23640	PQ068497.D	10 Sep 2024 10:01	YP\AJ	Ok

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Fax : 908 789 8922

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ090924

Review By	yogesh	Review On	9/10/2024 8:42:34 AM		
Supervise By	Ankita	Supervise On	9/10/2024 11:08:22 AM		
SubDirectory	PQ090924	HP Acquire Method		HP Processing Method	PQ090624

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23216,PP23217,PP23218,PP23219,PP23220,PP23221,PP23222,PP23223,PP23224,PP23225,PP23226,PP23227,PP23228,PP23229,PP23230 ,PP23231,PP23232,PP23233,PP23234,PP23235,PP23236,PP23237,PP23238,PP23239,PP23240,PP23241,PP23242,PP23243,PP23244,PP2324 5,PP23246,PP23247,PP23248,PP23249,PP23250,PP23251,PP23252,PP23253,PP23254,PP23255
CCC	PP23218,PP23223,PP23228,PP23233,PP23238,PP23243,PP23248,PP23253
Internal Standard/PEM	
ICV/I.BLK	PP23259,PP23579,PP23263,PP23265,PP23267,PP23269,PP23271,PP23273
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

68	AR1660CCC500	PQ068498.D	10 Sep 2024 10:31	YP\AJ	Ok
69	I.BLK	PQ068499.D	10 Sep 2024 10:45	YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ091024

Review By	yogesh	Review On	9/11/2024 8:42:57 AM		
Supervise By	Ankita	Supervise On	9/12/2024 8:56:21 AM		
SubDirectory	PQ091024	HP Acquire Method		HP Processing Method	PQ090624

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23216,PP23217,PP23218,PP23219,PP23220,PP23221,PP23222,PP23223,PP23224,PP23225,PP23226,PP23227,PP23228,PP23229,PP23230,PP23231,PP23232,PP23233,PP23234,PP23235,PP23236,PP23237,PP23238,PP23239,PP23240,PP23241,PP23242,PP23243,PP23244,PP23245,PP23246,PP23247,PP23248,PP23249,PP23250,PP23251,PP23252,PP23253,PP23254,PP23255
CCC	PP23218,PP23223,PP23228,PP23233,PP23238,PP23243,PP23248,PP23253
Internal Standard/PEM	
ICV/I.BLK	PP23259,PP23579,PP23263,PP23265,PP23267,PP23269,PP23271,PP23273
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PQ068500.D	10 Sep 2024 11:00	YP\AJ	Ok
2	I.BLK	PQ068501.D	10 Sep 2024 11:15	YP\AJ	Ok
3	AR1221ICC1000	PQ068502.D	10 Sep 2024 11:30	YP\AJ	Ok
4	AR1221ICC750	PQ068503.D	10 Sep 2024 11:44	YP\AJ	Ok
5	AR1221ICC500	PQ068504.D	10 Sep 2024 11:59	YP\AJ	Ok
6	AR1221ICC250	PQ068505.D	10 Sep 2024 12:13	YP\AJ	Ok
7	AR1221ICC050	PQ068506.D	10 Sep 2024 12:28	YP\AJ	Ok
8	AR1221ICV500	PQ068507.D	10 Sep 2024 12:43	YP\AJ	Ok
9	AR1660CCC500	PQ068508.D	10 Sep 2024 12:57	YP\AJ	Ok
10	AR1221CCC500	PQ068509.D	10 Sep 2024 13:12	YP\AJ	Ok
11	AR1242CCC500	PQ068510.D	10 Sep 2024 13:26	YP\AJ	Ok
12	I.BLK	PQ068511.D	10 Sep 2024 13:41	YP\AJ	Ok
13	P3845-15	PQ068512.D	10 Sep 2024 13:56	YP\AJ	Ok
14	P3887-01DL	PQ068513.D	10 Sep 2024 14:10	YP\AJ	Ok
15	P3887-02DL	PQ068514.D	10 Sep 2024 14:25	YP\AJ	Ok
16	PB163253BL	PQ068515.D	10 Sep 2024 14:39	YP\AJ	Ok
17	PB163253BS	PQ068516.D	10 Sep 2024 14:54	YP\AJ	Ok
18	PB163253BSD	PQ068517.D	10 Sep 2024 15:09	YP\AJ	Ok
19	AR1660CCC500	PQ068518.D	10 Sep 2024 15:23	YP\AJ	Ok
20	AR1221CCC500	PQ068519.D	10 Sep 2024 15:38	YP\AJ	Ok
21	AR1242CCC500	PQ068520.D	10 Sep 2024 15:52	YP\AJ	Ok

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ091024

Review By	yogesh	Review On	9/11/2024 8:42:57 AM		
Supervise By	Ankita	Supervise On	9/12/2024 8:56:21 AM		
SubDirectory	PQ091024	HP Acquire Method		HP Processing Method	PQ090624

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23216,PP23217,PP23218,PP23219,PP23220,PP23221,PP23222,PP23223,PP23224,PP23225,PP23226,PP23227,PP23228,PP23229,PP23230,PP23231,PP23232,PP23233,PP23234,PP23235,PP23236,PP23237,PP23238,PP23239,PP23240,PP23241,PP23242,PP23243,PP23244,PP23245,PP23246,PP23247,PP23248,PP23249,PP23250,PP23251,PP23252,PP23253,PP23254,PP23255
CCC	PP23218,PP23223,PP23228,PP23233,PP23238,PP23243,PP23248,PP23253
Internal Standard/PEM	
ICV/I.BLK	PP23259,PP23579,PP23263,PP23265,PP23267,PP23269,PP23271,PP23273
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	AR1248CCC500	PQ068521.D	10 Sep 2024 16:07	YP\AJ	Ok
23	AR1254CCC500	PQ068522.D	10 Sep 2024 16:21	YP\AJ	Ok
24	I.BLK	PQ068523.D	10 Sep 2024 16:36	YP\AJ	Ok
25	P3889-01	PQ068524.D	10 Sep 2024 16:51	YP\AJ	Ok,M
26	P3912-01	PQ068525.D	10 Sep 2024 17:05	YP\AJ	Ok,M
27	P3912-02	PQ068526.D	10 Sep 2024 17:20	YP\AJ	Ok,M
28	P3913-04	PQ068527.D	10 Sep 2024 17:35	YP\AJ	Ok
29	P3913-06	PQ068528.D	10 Sep 2024 17:49	YP\AJ	Dilution
30	P3913-08	PQ068529.D	10 Sep 2024 18:04	YP\AJ	Dilution
31	P3913-10	PQ068530.D	10 Sep 2024 18:18	YP\AJ	ReRun
32	AR1660CCC500	PQ068531.D	10 Sep 2024 19:02	YP\AJ	Ok
33	AR1242CCC500	PQ068532.D	10 Sep 2024 19:17	YP\AJ	Ok
34	AR1248CCC500	PQ068533.D	10 Sep 2024 19:31	YP\AJ	Ok
35	AR1254CCC500	PQ068534.D	10 Sep 2024 19:46	YP\AJ	Ok
36	I.BLK	PQ068535.D	10 Sep 2024 20:00	YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ090624

Review By	yogesh	Review On	9/9/2024 8:56:02 AM		
Supervise By	Ankita	Supervise On	9/9/2024 9:38:49 AM		
SubDirectory	PQ090624	HP Acquire Method		HP Processing Method	PQ090624

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23216,PP23217,PP23218,PP23219,PP23220,PP23221,PP23222,PP23223,PP23224,PP23225,PP23226,PP23227,PP23228,PP23229,PP23230,PP23231,PP23232,PP23233,PP23234,PP23235,PP23236,PP23237,PP23238,PP23239,PP23240,PP23241,PP23242,PP23243,PP23244,PP23245,PP23246,PP23247,PP23248,PP23249,PP23250,PP23251,PP23252,PP23253,PP23254,PP23255
CCC	PP23218,PP23223,PP23228,PP23233,PP23238,PP23243,PP23248,PP23253
Internal Standard/PEM	
ICV/I.BLK	PP23259,PP23579,PP23263,PP23265,PP23267,PP23269,PP23271,PP23273
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PQ068362.D	06 Sep 2024 13:15		YP\AJ	Ok
2	I.BLK	I.BLK	PQ068363.D	06 Sep 2024 13:30		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PQ068364.D	06 Sep 2024 13:44		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PQ068365.D	06 Sep 2024 13:59		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PQ068366.D	06 Sep 2024 14:13		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PQ068367.D	06 Sep 2024 14:28		YP\AJ	Ok
7	AR1660ICC050	AR1660ICC050	PQ068368.D	06 Sep 2024 14:43		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PQ068369.D	06 Sep 2024 14:57		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PQ068370.D	06 Sep 2024 15:12		YP\AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PQ068371.D	06 Sep 2024 15:26		YP\AJ	Ok
11	AR1242ICC750	AR1242ICC750	PQ068372.D	06 Sep 2024 15:41		YP\AJ	Ok
12	AR1242ICC500	AR1242ICC500	PQ068373.D	06 Sep 2024 15:55		YP\AJ	Ok
13	AR1242ICC250	AR1242ICC250	PQ068374.D	06 Sep 2024 16:10		YP\AJ	Ok
14	AR1242ICC050	AR1242ICC050	PQ068375.D	06 Sep 2024 16:25		YP\AJ	Ok
15	AR1248ICC1000	AR1248ICC1000	PQ068376.D	06 Sep 2024 16:39		YP\AJ	Ok
16	AR1248ICC750	AR1248ICC750	PQ068377.D	06 Sep 2024 16:54		YP\AJ	Ok
17	AR1248ICC500	AR1248ICC500	PQ068378.D	06 Sep 2024 17:08		YP\AJ	Ok
18	AR1248ICC250	AR1248ICC250	PQ068379.D	06 Sep 2024 17:23		YP\AJ	Ok

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ090624

Review By	yogesh	Review On	9/9/2024 8:56:02 AM		
Supervise By	Ankita	Supervise On	9/9/2024 9:38:49 AM		
SubDirectory	PQ090624	HP Acquire Method		HP Processing Method	PQ090624

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23216,PP23217,PP23218,PP23219,PP23220,PP23221,PP23222,PP23223,PP23224,PP23225,PP23226,PP23227,PP23228,PP23229,PP23230,PP23231,PP23232,PP23233,PP23234,PP23235,PP23236,PP23237,PP23238,PP23239,PP23240,PP23241,PP23242,PP23243,PP23244,PP23245,PP23246,PP23247,PP23248,PP23249,PP23250,PP23251,PP23252,PP23253,PP23254,PP23255
CCC	PP23218,PP23223,PP23228,PP23233,PP23238,PP23243,PP23248,PP23253
Internal Standard/PEM	
ICV/I.BLK	PP23259,PP23579,PP23263,PP23265,PP23267,PP23269,PP23271,PP23273
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248ICC050	AR1248ICC050	PQ068380.D	06 Sep 2024 17:38		YP\AJ	Ok
20	AR1254ICC1000	AR1254ICC1000	PQ068381.D	06 Sep 2024 17:52		YP\AJ	Ok
21	AR1254ICC750	AR1254ICC750	PQ068382.D	06 Sep 2024 18:07		YP\AJ	Ok
22	AR1254ICC500	AR1254ICC500	PQ068383.D	06 Sep 2024 18:21		YP\AJ	Ok
23	AR1254ICC250	AR1254ICC250	PQ068384.D	06 Sep 2024 18:36		YP\AJ	Ok
24	AR1254ICC050	AR1254ICC050	PQ068385.D	06 Sep 2024 18:51		YP\AJ	Ok
25	AR1262ICC500	AR1262ICC500	PQ068386.D	06 Sep 2024 19:05		YP\AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PQ068387.D	06 Sep 2024 19:20		YP\AJ	Ok,M
27	AR1268ICC750	AR1268ICC750	PQ068388.D	06 Sep 2024 19:34		YP\AJ	Ok,M
28	AR1268ICC500	AR1268ICC500	PQ068389.D	06 Sep 2024 19:49		YP\AJ	Ok,M
29	AR1268ICC250	AR1268ICC250	PQ068390.D	06 Sep 2024 20:04		YP\AJ	Ok,M
30	AR1268ICC050	AR1268ICC050	PQ068391.D	06 Sep 2024 20:18		YP\AJ	Ok,M
31	PQ090624ICV500	ICVPQ090624	PQ068392.D	06 Sep 2024 20:33		YP\AJ	Ok
32	AR1242ICV500	ICVPQ090624AR1242	PQ068393.D	06 Sep 2024 20:47		YP\AJ	Ok,M
33	AR1248ICV500	ICVPQ090624AR1248	PQ068394.D	06 Sep 2024 21:02		YP\AJ	Ok
34	AR1254ICV500	ICVPQ090624AR1254	PQ068395.D	06 Sep 2024 21:17		YP\AJ	Ok
35	AR1268ICV500	ICVPQ090624AR1268	PQ068396.D	06 Sep 2024 21:31		YP\AJ	Ok,M
36	AR1660CCC500	AR1660CCC500	PQ068397.D	06 Sep 2024 21:46		YP\AJ	Ok
37	AR1242CCC500	AR1242CCC500	PQ068398.D	06 Sep 2024 22:00		YP\AJ	Ok

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ090624

Review By	yogesh	Review On	9/9/2024 8:56:02 AM		
Supervise By	Ankita	Supervise On	9/9/2024 9:38:49 AM		
SubDirectory	PQ090624	HP Acquire Method		HP Processing Method	PQ090624

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23216,PP23217,PP23218,PP23219,PP23220,PP23221,PP23222,PP23223,PP23224,PP23225,PP23226,PP23227,PP23228,PP23229,PP23230,PP23231,PP23232,PP23233,PP23234,PP23235,PP23236,PP23237,PP23238,PP23239,PP23240,PP23241,PP23242,PP23243,PP23244,PP23245,PP23246,PP23247,PP23248,PP23249,PP23250,PP23251,PP23252,PP23253,PP23254,PP23255
CCC	PP23218,PP23223,PP23228,PP23233,PP23238,PP23243,PP23248,PP23253
Internal Standard/PEM	
ICV/I.BLK	PP23259,PP23579,PP23263,PP23265,PP23267,PP23269,PP23271,PP23273
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	AR1248CCC500	AR1248CCC500	PQ068399.D	06 Sep 2024 22:15		YP\AJ	Ok
39	AR1254CCC500	AR1254CCC500	PQ068400.D	06 Sep 2024 22:30		YP\AJ	Ok
40	I.BLK	I.BLK	PQ068401.D	06 Sep 2024 22:44		YP\AJ	Ok
41	PB163176BL	PB163176BL	PQ068402.D	06 Sep 2024 22:59		YP\AJ	Ok
42	PB163176BS	PB163176BS	PQ068403.D	06 Sep 2024 23:14		YP\AJ	Ok
43	P3852-01	D3656	PQ068404.D	06 Sep 2024 23:28		YP\AJ	Ok
44	P3852-02	VNJ223	PQ068405.D	06 Sep 2024 23:43		YP\AJ	Ok
45	P3852-02MS	VNJ223MS	PQ068406.D	06 Sep 2024 23:57		YP\AJ	Ok,M
46	P3852-02MSD	VNJ223MSD	PQ068407.D	07 Sep 2024 00:12		YP\AJ	Ok,M
47	P3852-04	ETGI356	PQ068408.D	07 Sep 2024 00:27		YP\AJ	Ok
48	P3857-01	WC-C1-COMP	PQ068409.D	07 Sep 2024 00:41		YP\AJ	Ok
49	P3857-04	WC-C2-COMP	PQ068410.D	07 Sep 2024 00:56		YP\AJ	Ok
50	P3857-07	WC-D1-COMP	PQ068411.D	07 Sep 2024 01:11		YP\AJ	Ok
51	AR1660CCC500	AR1660CCC500	PQ068412.D	07 Sep 2024 02:24		YP\AJ	Ok
52	AR1242CCC500	AR1242CCC500	PQ068413.D	07 Sep 2024 02:38		YP\AJ	Ok
53	AR1248CCC500	AR1248CCC500	PQ068414.D	07 Sep 2024 02:53		YP\AJ	Ok
54	AR1254CCC500	AR1254CCC500	PQ068415.D	07 Sep 2024 03:07		YP\AJ	Ok
55	I.BLK	I.BLK	PQ068416.D	07 Sep 2024 03:22		YP\AJ	Ok
56	P3857-10	WC-D2-COMP	PQ068417.D	07 Sep 2024 03:37		YP\AJ	Ok

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ090624

Review By	yogesh	Review On	9/9/2024 8:56:02 AM		
Supervise By	Ankita	Supervise On	9/9/2024 9:38:49 AM		
SubDirectory	PQ090624	HP Acquire Method		HP Processing Method	PQ090624

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23216,PP23217,PP23218,PP23219,PP23220,PP23221,PP23222,PP23223,PP23224,PP23225,PP23226,PP23227,PP23228,PP23229,PP23230,PP23231,PP23232,PP23233,PP23234,PP23235,PP23236,PP23237,PP23238,PP23239,PP23240,PP23241,PP23242,PP23243,PP23244,PP23245,PP23246,PP23247,PP23248,PP23249,PP23250,PP23251,PP23252,PP23253,PP23254,PP23255
CCC	PP23218,PP23223,PP23228,PP23233,PP23238,PP23243,PP23248,PP23253
Internal Standard/PEM	
ICV/I.BLK	PP23259,PP23579,PP23263,PP23265,PP23267,PP23269,PP23271,PP23273
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

57	P3861-01	DN-B-37	PQ068418.D	07 Sep 2024 03:51		YP\AJ	Ok
58	P3866-01	MR-CAM-04	PQ068419.D	07 Sep 2024 04:06	AR1254 Hit,	YP\AJ	Ok,M
59	P3852-06	D3659	PQ068420.D	07 Sep 2024 04:20		YP\AJ	Ok
60	P3850-01	50428	PQ068421.D	07 Sep 2024 04:35	AR1242 Hit, Need 5x Dilution	YP\AJ	Dilution
61	P3853-01	252805	PQ068422.D	07 Sep 2024 04:50	need cleanup	YP\AJ	Not Ok
62	PB163181BL	PB163181BL	PQ068423.D	07 Sep 2024 05:04		YP\AJ	Ok
63	PB163181BS	PB163181BS	PQ068424.D	07 Sep 2024 05:19		YP\AJ	Ok,M
64	PB163181BSD	PB163181BSD	PQ068425.D	07 Sep 2024 05:34		YP\AJ	Ok
65	AR1660CCC500	AR1660CCC500	PQ068426.D	07 Sep 2024 06:47		YP\AJ	Ok,M
66	AR1242CCC500	AR1242CCC500	PQ068427.D	07 Sep 2024 07:01		YP\AJ	Ok
67	AR1248CCC500	AR1248CCC500	PQ068428.D	07 Sep 2024 07:16		YP\AJ	Ok
68	AR1254CCC500	AR1254CCC500	PQ068429.D	07 Sep 2024 07:30		YP\AJ	Ok
69	I.BLK	I.BLK	PQ068430.D	07 Sep 2024 07:45		YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ090924

Review By	yogesh	Review On	9/10/2024 8:42:34 AM		
Supervise By	Ankita	Supervise On	9/10/2024 11:08:22 AM		
SubDirectory	PQ090924	HP Acquire Method		HP Processing Method	PQ090624

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23216,PP23217,PP23218,PP23219,PP23220,PP23221,PP23222,PP23223,PP23224,PP23225,PP23226,PP23227,PP23228,PP23229,PP23230,PP23231,PP23232,PP23233,PP23234,PP23235,PP23236,PP23237,PP23238,PP23239,PP23240,PP23241,PP23242,PP23243,PP23244,PP23245,PP23246,PP23247,PP23248,PP23249,PP23250,PP23251,PP23252,PP23253,PP23254,PP23255
CCC	PP23218,PP23223,PP23228,PP23233,PP23238,PP23243,PP23248,PP23253
Internal Standard/PEM	
ICV/I.BLK	PP23259,PP23579,PP23263,PP23265,PP23267,PP23269,PP23271,PP23273
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PQ068431.D	09 Sep 2024 09:11		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PQ068432.D	09 Sep 2024 09:25		YP\AJ	Ok
3	AR1242CCC500	AR1242CCC500	PQ068433.D	09 Sep 2024 09:56		YP\AJ	Ok
4	AR1248CCC500	AR1248CCC500	PQ068434.D	09 Sep 2024 10:11		YP\AJ	Ok
5	AR1254CCC500	AR1254CCC500	PQ068435.D	09 Sep 2024 10:25		YP\AJ	Ok
6	I.BLK	I.BLK	PQ068436.D	09 Sep 2024 10:40		YP\AJ	Ok
7	P3851-02	BC122669-1-2	PQ068437.D	09 Sep 2024 10:55	AR1254 HIT	YP\AJ	Ok,M
8	P3851-08	BC238813-1-2	PQ068438.D	09 Sep 2024 11:09		YP\AJ	Ok
9	P3851-12	BC271246-1-2	PQ068439.D	09 Sep 2024 11:24		YP\AJ	Ok,M
10	P3851-14	BC274767-1-2	PQ068440.D	09 Sep 2024 11:38		YP\AJ	Ok,M
11	AR1660CCC500	AR1660CCC500	PQ068441.D	09 Sep 2024 17:29		YP\AJ	Ok
12	AR1242CCC500	AR1242CCC500	PQ068442.D	09 Sep 2024 17:43		YP\AJ	Ok
13	AR1248CCC500	AR1248CCC500	PQ068443.D	09 Sep 2024 17:58		YP\AJ	Ok
14	AR1254CCC500	AR1254CCC500	PQ068444.D	09 Sep 2024 18:13		YP\AJ	Ok
15	I.BLK	I.BLK	PQ068445.D	09 Sep 2024 18:27		YP\AJ	Ok
16	PB163161BL	PB163161BL	PQ068446.D	09 Sep 2024 18:42	wrong vial made	YP\AJ	Not Ok
17	P3837-02	RAIN-TANK	PQ068447.D	09 Sep 2024 18:56		YP\AJ	Ok
18	P3837-02RE	RAIN-TANKRE	PQ068448.D	09 Sep 2024 19:11	not required	YP\AJ	Not Ok

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ090924

Review By	yogesh	Review On	9/10/2024 8:42:34 AM		
Supervise By	Ankita	Supervise On	9/10/2024 11:08:22 AM		
SubDirectory	PQ090924	HP Acquire Method		HP Processing Method	PQ090624

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23216,PP23217,PP23218,PP23219,PP23220,PP23221,PP23222,PP23223,PP23224,PP23225,PP23226,PP23227,PP23228,PP23229,PP23230,PP23231,PP23232,PP23233,PP23234,PP23235,PP23236,PP23237,PP23238,PP23239,PP23240,PP23241,PP23242,PP23243,PP23244,PP23245,PP23246,PP23247,PP23248,PP23249,PP23250,PP23251,PP23252,PP23253,PP23254,PP23255
CCC	PP23218,PP23223,PP23228,PP23233,PP23238,PP23243,PP23248,PP23253
Internal Standard/PEM	
ICV/I.BLK	PP23259,PP23579,PP23263,PP23265,PP23267,PP23269,PP23271,PP23273
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	PB163181BL	PB163181BL	PQ068449.D	09 Sep 2024 19:26	wrong vial made	YP\AJ	Not Ok
20	P3853-01	252805	PQ068450.D	09 Sep 2024 19:40		YP\AJ	Ok
21	P3850-01DL	50428DL	PQ068451.D	09 Sep 2024 19:55	AR1242 Hit,	YP\AJ	Ok
22	PB163216BL	PB163216BL	PQ068452.D	09 Sep 2024 20:09		YP\AJ	Ok
23	PB163216BS	PB163216BS	PQ068453.D	09 Sep 2024 20:24		YP\AJ	Ok
24	P3887-01	60201	PQ068454.D	09 Sep 2024 20:39	AR1242 Hit, Need 20x Dilution	YP\AJ	Dilution
25	P3887-02	60202	PQ068455.D	09 Sep 2024 20:53	AR1242 Hit, Need 10x Dilution	YP\AJ	Dilution
26	AR1660CCC500	AR1660CCC500	PQ068456.D	09 Sep 2024 22:06		YP\AJ	Ok
27	AR1242CCC500	AR1242CCC500	PQ068457.D	09 Sep 2024 22:21		YP\AJ	Ok
28	AR1248CCC500	AR1248CCC500	PQ068458.D	09 Sep 2024 22:35		YP\AJ	Ok
29	AR1254CCC500	AR1254CCC500	PQ068459.D	09 Sep 2024 22:50		YP\AJ	Ok
30	I.BLK	I.BLK	PQ068460.D	09 Sep 2024 23:04		YP\AJ	Ok
31	P3897-01	1	PQ068461.D	09 Sep 2024 23:19	AR1254 Hit	YP\AJ	Ok,M
32	P3897-02	2	PQ068462.D	09 Sep 2024 23:34	AR1254 Hit	YP\AJ	Ok,M
33	P3897-03	3	PQ068463.D	09 Sep 2024 23:48	AR1254 Hit	YP\AJ	Ok,M
34	P3897-04	4	PQ068464.D	10 Sep 2024 00:03	AR1254 Hit	YP\AJ	Ok,M
35	P3897-05	5	PQ068465.D	10 Sep 2024 00:17	AR1254 Hit	YP\AJ	Ok,M
36	P3897-06	6	PQ068466.D	10 Sep 2024 00:32	AR1254 Hit	YP\AJ	Ok,M
37	P3897-07	7	PQ068467.D	10 Sep 2024 00:47	AR1254 Hit	YP\AJ	Ok,M

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ090924

Review By	yogesh	Review On	9/10/2024 8:42:34 AM		
Supervise By	Ankita	Supervise On	9/10/2024 11:08:22 AM		
SubDirectory	PQ090924	HP Acquire Method		HP Processing Method	PQ090624

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23216,PP23217,PP23218,PP23219,PP23220,PP23221,PP23222,PP23223,PP23224,PP23225,PP23226,PP23227,PP23228,PP23229,PP23230,PP23231,PP23232,PP23233,PP23234,PP23235,PP23236,PP23237,PP23238,PP23239,PP23240,PP23241,PP23242,PP23243,PP23244,PP23245,PP23246,PP23247,PP23248,PP23249,PP23250,PP23251,PP23252,PP23253,PP23254,PP23255
CCC	PP23218,PP23223,PP23228,PP23233,PP23238,PP23243,PP23248,PP23253
Internal Standard/PEM	
ICV/I.BLK	PP23259,PP23579,PP23263,PP23265,PP23267,PP23269,PP23271,PP23273
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	P3897-08	8	PQ068468.D	10 Sep 2024 01:01	AR1254 Hit	YP\AJ	Ok,M
39	PB163217BL	PB163217BL	PQ068469.D	10 Sep 2024 01:16		YP\AJ	Ok
40	PB163217BS	PB163217BS	PQ068470.D	10 Sep 2024 01:30		YP\AJ	Ok
41	AR1660CCC500	AR1660CCC500	PQ068471.D	10 Sep 2024 02:43		YP\AJ	Ok
42	AR1242CCC500	AR1242CCC500	PQ068472.D	10 Sep 2024 02:58		YP\AJ	Ok
43	AR1248CCC500	AR1248CCC500	PQ068473.D	10 Sep 2024 03:13		YP\AJ	Ok
44	AR1254CCC500	AR1254CCC500	PQ068474.D	10 Sep 2024 03:27		YP\AJ	Ok
45	I.BLK	I.BLK	PQ068475.D	10 Sep 2024 03:42		YP\AJ	Ok
46	P3880-01	SHEEPSHEAD-SOIL-P	PQ068476.D	10 Sep 2024 03:56		YP\AJ	Ok
47	P3880-01MS	SHEEPSHEAD-SOIL-P	PQ068477.D	10 Sep 2024 04:11		YP\AJ	Ok,M
48	P3880-01MSD	SHEEPSHEAD-SOIL-P	PQ068478.D	10 Sep 2024 04:25		YP\AJ	Ok,M
49	P3881-01	VNJ-217	PQ068479.D	10 Sep 2024 04:40		YP\AJ	Ok
50	P3888-01	DN-B-36	PQ068480.D	10 Sep 2024 04:55		YP\AJ	Ok,M
51	P3888-02	DN-W-02	PQ068481.D	10 Sep 2024 05:09		YP\AJ	Ok
52	P3892-01	ARS20-005	PQ068482.D	10 Sep 2024 05:24		YP\AJ	Ok
53	P3894-01	SHOP-DRUM	PQ068483.D	10 Sep 2024 05:38	AR1260 Hit	YP\AJ	Ok,M
54	P3896-02	MOO-23-00293	PQ068484.D	10 Sep 2024 05:53	AR1260 Hit	YP\AJ	Ok,M
55	PB163234BL	PB163234BL	PQ068485.D	10 Sep 2024 06:07		YP\AJ	Ok
56	AR1660CCC500	AR1660CCC500	PQ068486.D	10 Sep 2024 07:20		YP\AJ	Ok

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ090924

Review By	yogesh	Review On	9/10/2024 8:42:34 AM		
Supervise By	Ankita	Supervise On	9/10/2024 11:08:22 AM		
SubDirectory	PQ090924	HP Acquire Method		HP Processing Method	PQ090624

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23216,PP23217,PP23218,PP23219,PP23220,PP23221,PP23222,PP23223,PP23224,PP23225,PP23226,PP23227,PP23228,PP23229,PP23230,PP23231,PP23232,PP23233,PP23234,PP23235,PP23236,PP23237,PP23238,PP23239,PP23240,PP23241,PP23242,PP23243,PP23244,PP23245,PP23246,PP23247,PP23248,PP23249,PP23250,PP23251,PP23252,PP23253,PP23254,PP23255
CCC	PP23218,PP23223,PP23228,PP23233,PP23238,PP23243,PP23248,PP23253
Internal Standard/PEM	
ICV/I.BLK	PP23259,PP23579,PP23263,PP23265,PP23267,PP23269,PP23271,PP23273
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

57	AR1242CCC500	AR1242CCC500	PQ068487.D	10 Sep 2024 07:35		YP\AJ	Ok
58	AR1248CCC500	AR1248CCC500	PQ068488.D	10 Sep 2024 07:49		YP\AJ	Ok
59	AR1254CCC500	AR1254CCC500	PQ068489.D	10 Sep 2024 08:04		YP\AJ	Ok
60	I.BLK	I.BLK	PQ068490.D	10 Sep 2024 08:19		YP\AJ	Ok
61	PB163234BS	PB163234BS	PQ068491.D	10 Sep 2024 08:33		YP\AJ	Ok
62	PB163234BSD	PB163234BSD	PQ068492.D	10 Sep 2024 08:48		YP\AJ	Ok
63	P3845-15	PT-PCBW-WP	PQ068493.D	10 Sep 2024 09:02	AR1221 Hit , AR1221 CCC Missing	YP\AJ	Not Ok
64	PP23641	PP23641	PQ068494.D	10 Sep 2024 09:18		YP\AJ	Ok
65	P3872-02	WC-W-07-202409	PQ068495.D	10 Sep 2024 09:32		YP\AJ	Ok
66	P3896-01	MOO-23-00292	PQ068496.D	10 Sep 2024 09:47		YP\AJ	Ok
67	PP23640	PP23640	PQ068497.D	10 Sep 2024 10:01		YP\AJ	Ok
68	AR1660CCC500	AR1660CCC500	PQ068498.D	10 Sep 2024 10:31		YP\AJ	Ok
69	I.BLK	I.BLK	PQ068499.D	10 Sep 2024 10:45		YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ091024

Review By	yogesh	Review On	9/11/2024 8:42:57 AM		
Supervise By	Ankita	Supervise On	9/12/2024 8:56:21 AM		
SubDirectory	PQ091024	HP Acquire Method		HP Processing Method	PQ090624

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23216,PP23217,PP23218,PP23219,PP23220,PP23221,PP23222,PP23223,PP23224,PP23225,PP23226,PP23227,PP23228,PP23229,PP23230,PP23231,PP23232,PP23233,PP23234,PP23235,PP23236,PP23237,PP23238,PP23239,PP23240,PP23241,PP23242,PP23243,PP23244,PP23245,PP23246,PP23247,PP23248,PP23249,PP23250,PP23251,PP23252,PP23253,PP23254,PP23255
CCC	PP23218,PP23223,PP23228,PP23233,PP23238,PP23243,PP23248,PP23253
Internal Standard/PEM	
ICV/I.BLK	PP23259,PP23579,PP23263,PP23265,PP23267,PP23269,PP23271,PP23273
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PQ068500.D	10 Sep 2024 11:00		YP\AJ	Ok
2	I.BLK	I.BLK	PQ068501.D	10 Sep 2024 11:15		YP\AJ	Ok
3	AR1221ICC1000	AR1221ICC1000	PQ068502.D	10 Sep 2024 11:30		YP\AJ	Ok
4	AR1221ICC750	AR1221ICC750	PQ068503.D	10 Sep 2024 11:44		YP\AJ	Ok
5	AR1221ICC500	AR1221ICC500	PQ068504.D	10 Sep 2024 11:59		YP\AJ	Ok
6	AR1221ICC250	AR1221ICC250	PQ068505.D	10 Sep 2024 12:13		YP\AJ	Ok
7	AR1221ICC050	AR1221ICC050	PQ068506.D	10 Sep 2024 12:28		YP\AJ	Ok
8	AR1221ICV500	ICVPQ091024AR1221	PQ068507.D	10 Sep 2024 12:43		YP\AJ	Ok
9	AR1660CCC500	AR1660CCC500	PQ068508.D	10 Sep 2024 12:57		YP\AJ	Ok
10	AR1221CCC500	AR1221CCC500	PQ068509.D	10 Sep 2024 13:12		YP\AJ	Ok
11	AR1242CCC500	AR1242CCC500	PQ068510.D	10 Sep 2024 13:26		YP\AJ	Ok
12	I.BLK	I.BLK	PQ068511.D	10 Sep 2024 13:41		YP\AJ	Ok
13	P3845-15	PT-PCBW-WP	PQ068512.D	10 Sep 2024 13:56		YP\AJ	Ok
14	P3887-01DL	60201DL	PQ068513.D	10 Sep 2024 14:10	AR1242 Hit,	YP\AJ	Ok
15	P3887-02DL	60202DL	PQ068514.D	10 Sep 2024 14:25	AR1242 Hit,	YP\AJ	Ok
16	PB163253BL	PB163253BL	PQ068515.D	10 Sep 2024 14:39		YP\AJ	Ok
17	PB163253BS	PB163253BS	PQ068516.D	10 Sep 2024 14:54		YP\AJ	Ok
18	PB163253BSD	PB163253BSD	PQ068517.D	10 Sep 2024 15:09		YP\AJ	Ok

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ091024

Review By	yogesh	Review On	9/11/2024 8:42:57 AM		
Supervise By	Ankita	Supervise On	9/12/2024 8:56:21 AM		
SubDirectory	PQ091024	HP Acquire Method		HP Processing Method	PQ090624

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23216,PP23217,PP23218,PP23219,PP23220,PP23221,PP23222,PP23223,PP23224,PP23225,PP23226,PP23227,PP23228,PP23229,PP23230,PP23231,PP23232,PP23233,PP23234,PP23235,PP23236,PP23237,PP23238,PP23239,PP23240,PP23241,PP23242,PP23243,PP23244,PP23245,PP23246,PP23247,PP23248,PP23249,PP23250,PP23251,PP23252,PP23253,PP23254,PP23255
CCC	PP23218,PP23223,PP23228,PP23233,PP23238,PP23243,PP23248,PP23253
Internal Standard/PEM	
ICV/I.BLK	PP23259,PP23579,PP23263,PP23265,PP23267,PP23269,PP23271,PP23273
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1660CCC500	AR1660CCC500	PQ068518.D	10 Sep 2024 15:23		YP\AJ	Ok
20	AR1221CCC500	AR1221CCC500	PQ068519.D	10 Sep 2024 15:38		YP\AJ	Ok
21	AR1242CCC500	AR1242CCC500	PQ068520.D	10 Sep 2024 15:52		YP\AJ	Ok
22	AR1248CCC500	AR1248CCC500	PQ068521.D	10 Sep 2024 16:07		YP\AJ	Ok
23	AR1254CCC500	AR1254CCC500	PQ068522.D	10 Sep 2024 16:21		YP\AJ	Ok
24	I.BLK	I.BLK	PQ068523.D	10 Sep 2024 16:36		YP\AJ	Ok
25	P3889-01	FMI109	PQ068524.D	10 Sep 2024 16:51	AR1260 Hit	YP\AJ	Ok,M
26	P3912-01	282-COMPOSITE-1	PQ068525.D	10 Sep 2024 17:05		YP\AJ	Ok,M
27	P3912-02	270-COMPOSITE-1	PQ068526.D	10 Sep 2024 17:20		YP\AJ	Ok,M
28	P3913-04	9424-A-C	PQ068527.D	10 Sep 2024 17:35		YP\AJ	Ok
29	P3913-06	9424-D-F	PQ068528.D	10 Sep 2024 17:49	AR1242 Hit , Need 100x Dilution , All Surrogate Fail	YP\AJ	Dilution
30	P3913-08	9424-D-F-82924-D	PQ068529.D	10 Sep 2024 18:04	AR1242 Hit, Need 2x Dilution, DCB Fail in both column	YP\AJ	Dilution
31	P3913-10	82924-A-C	PQ068530.D	10 Sep 2024 18:18	DCB Fail in both column	YP\AJ	ReRun
32	AR1660CCC500	AR1660CCC500	PQ068531.D	10 Sep 2024 19:02		YP\AJ	Ok
33	AR1242CCC500	AR1242CCC500	PQ068532.D	10 Sep 2024 19:17		YP\AJ	Ok
34	AR1248CCC500	AR1248CCC500	PQ068533.D	10 Sep 2024 19:31		YP\AJ	Ok
35	AR1254CCC500	AR1254CCC500	PQ068534.D	10 Sep 2024 19:46		YP\AJ	Ok
36	I.BLK	I.BLK	PQ068535.D	10 Sep 2024 20:00		YP\AJ	Ok

M : Manual Integration

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EXTRACTION LOGPAGE

PB163234

SOP ID:	M3510C,3580A-Extraction PCB-14				
Clean Up SOP #:	Acid Cleanup			**Extraction Start Date :**	09/09/2024
Matrix :	Water			**Extraction Start Time :**	09:05
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	09/09/2024
Balance check:	N/A	**Filter By:**	RS	**Extraction End Time :**	14:00
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3574	**Hood ID:**	4,6,7	**Supervisor By :**	rajesh

Extraction Method: ☑ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP23516
Surrogate	1.0ML	200 PPB	PP23608
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3790
Baked Na2SO4	N/A	EP2532
Hexane	N/A	E3789
H2SO4 1:1	N/A	EP2524
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40 Vial lot## 06-40 BTS721.

KD Bath ID:	Water bath -01	**Envap ID:**	NEVAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
09/09/24	RP (Ext. Lab)	Y-P-Pest) PCB.
14:05	**Preparation Group**	**Analysis Group**

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EXTRACTION LOGPAGE

PrepBatch ID : PB163234

Analytical Method: M3510C,3580A-Extraction PCB-14 **Concentration Date:** 09/09/2024

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB163234BL	ABLK234	PCB	1000	6	RUPESH	ritesh	10			SEP-01
PB163234BS	ALCS234	PCB	1000	6	RUPESH	ritesh	10			2
PB163234BSD	ALCSD234	PCB	1000	6	RUPESH	ritesh	10			3
P3845-15	PT-PCBW-WP	PCB	1000	6	RUPESH	ritesh	10			4
P3872-02	WC-W-07-202409	PCB	1000	6	RUPESH	ritesh	10	J		5
P3896-01	MOO-23-00292	PCB	1000	6	RUPESH	ritesh	10	B		6

* **Extracts relinquished on the same date as received.**

9/9/24

183234
9:05

WORKLIST(Hardcopy Internal Chain)

WorkList Name : P3845P **WorkList ID :** 183287 **Department :** Extraction **Date :** 09-09-2024 08:55:52

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P3845-15	PT-PCBW-WP	Water	PCB	Cool 4 deg C	CHEM02	QA Of	09/03/2024	8082A
P3872-02	WC-W-07-202409	Water	PCB	Cool 4 deg C	AECO02	H53	09/05/2024	8082A
P3896-01	MOO-23-00292	Water	PCB	Cool 4 deg C	PSEG03	H53	09/06/2024	8082A

Date/Time 09/09/24 9:50
Raw Sample Received by: RJ
Raw Sample Relinquished by:

Date/Time 09/09/24 9:20
Raw Sample Received by:
Raw Sample Relinquished by: RJ

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Prep Standard - Chemical Standard Summary

Order ID : P3845

Test : PCB

Prepbatch ID : PB163234,

Sequence ID/Qc Batch ID: PQ090924,pq091024,

Standard ID :
EP2524,EP2532,PP23215,PP23216,PP23217,PP23218,PP23219,PP23220,PP23221,PP23222,PP23223,PP23224,PP23225,PP23226,PP23227,PP23228,PP23229,PP23230,PP23231,PP23232,PP23233,PP23234,PP23235,PP23236,PP23237,PP23238,PP23239,PP23240,PP23241,PP23242,PP23243,PP23244,PP23245,PP23246,PP23247,PP23248,PP23249,PP23250,PP23251,PP23252,PP23253,PP23254,PP23255,PP23257,PP23258,PP23259,PP23262,PP23263,PP23264,PP23265,PP23266,PP23267,PP23268,PP23269,PP23270,PP23271,PP23272,PP23273,PP23516,PP23578,PP23579,PP23608,

Chemical ID :
E3551,E3732,E3735,E3769,E3770,E3772,E3789,E3790,M5037,P10482,P10499,P11506,P11511,P11520,P11580,P11586,P11589,P11596,P12209,P12697,P12810,P12814,P12928,P12933,P12946,P12956,P13032,P13372,W3112,

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Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
314	1.1 H2SO4 SOLN	EP2524	08/14/2024	12/15/2024	Rajesh Parikh	None	None	RUPESHKUMAR SHAH 08/14/2024

FROM 1000.00000ml of M5037 + 1000.00000ml of W3112 = Final Quantity: 2000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3923	Baked Sodium Sulfate	EP2532	08/30/2024	01/03/2025	Rajesh Parikh	Extraction_SCALE_2 (EX-SC-2)	None	RUPESHKUMAR SHAH 08/30/2024

FROM 4000.00000gram of E3551 = Final Quantity: 4000.000 gram

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
84	Pest/PCB Surrogate Stock 20 PPM	PP23215	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 1.00000ml of P12810 + 9.00000ml of E3735 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
202	AR1660 1000/100 ppb working solution 1st source	PP23216	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.10000ml of P10482 + 99.40000ml of E3735 + 0.50000ml of PP23215 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
203	AR1660 750 PPB STD	PP23217	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.25000ml of E3735 + 0.75000ml of PP23216 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
204	AR1660 500 PPB STD	PP23218	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.50000ml of E3735 + 0.50000ml of PP23216 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
205	AR1660 250 PPB STD	PP23219	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.75000ml of E3735 + 0.25000ml of PP23216 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
206	AR1660 50 PPB STD	PP23220	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.90000ml of E3735 + 0.10000ml of PP23218 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
213	AR1221 1000 PPB WORKING SOLUTION	PP23221	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.10000ml of P11580 + 99.40000ml of E3735 + 0.50000ml of PP23215 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1079	AR1221 750 PPB STD	PP23222	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.25000ml of E3735 + 0.75000ml of PP23221 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
222	AR1221 500 PPB STD	PP23223	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.50000ml of E3735 + 0.50000ml of PP23221 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1080	AR1221 250 PPB STD	PP23224	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.75000ml of E3735 + 0.25000ml of PP23221 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1081	AR1221 50 PPB STD	PP23225	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.90000ml of E3735 + 0.10000ml of PP23223 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
214	AR1232 1000 PPB WORKING SOLUTION	PP23226	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.10000ml of P11586 + 99.40000ml of E3735 + 0.50000ml of PP23215 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1063	AR1232 750 PPB STD	PP23227	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.25000ml of E3735 + 0.75000ml of PP23226 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
223	AR1232 500 PPB STD	PP23228	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.50000ml of E3735 + 0.50000ml of PP23226 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1064	AR1232 250 PPB STD	PP23229	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.75000ml of E3735 + 0.25000ml of PP23226 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1065	AR1232 50 PPB STD	PP23230	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.90000ml of E3735 + 0.10000ml of PP23228 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
215	AR1242 1000 PPB WORKING STD	PP23231	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.10000ml of P12928 + 99.40000ml of E3735 + 0.50000ml of PP23215 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1067	AR1242 750 PPB STD	PP23232	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.25000ml of E3735 + 0.75000ml of PP23231 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
224	AR1242 500 PPB STD	PP23233	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.50000ml of E3735 + 0.50000ml of PP23231 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1068	AR1242 250 PPB STD	PP23234	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.75000ml of E3735 + 0.25000ml of PP23231 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1069	AR1242 50 PPB STD	PP23235	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.90000ml of E3735 + 0.10000ml of PP23233 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
216	AR1248 1000 PPB WORKING STD	PP23236	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.10000ml of P12933 + 99.40000ml of E3735 + 0.50000ml of PP23215 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1075	AR1248 750 PPB STD	PP23237	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.25000ml of E3735 + 0.75000ml of PP23236 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
225	AR1248 500 PPB STD	PP23238	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.50000ml of E3735 + 0.50000ml of PP23236 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1076	AR1248 250 PPB STD	PP23239	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.75000ml of E3735 + 0.25000ml of PP23236 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1077	AR1248 50 PPB STD	PP23240	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.90000ml of E3735 + 0.10000ml of PP23238 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
217	AR1254 1000 PPB WORKING STD	PP23241	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.10000ml of P11589 + 99.40000ml of E3735 + 0.50000ml of PP23215 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1071	AR1254 750 PPB STD	PP23242	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.25000ml of E3735 + 0.75000ml of PP23241 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
226	AR1254 500 PPB STD	PP23243	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.50000ml of E3735 + 0.50000ml of PP23241 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1072	AR1254 250 PPB STD	PP23244	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.75000ml of E3735 + 0.25000ml of PP23241 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1073	AR1254 50 PPB STD	PP23245	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.90000ml of E3735 + 0.10000ml of PP23243 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1529	AR1262 1000 PPB Working Solution	PP23246	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.10000ml of P10499 + 99.40000ml of E3735 + 0.50000ml of PP23215 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3753	AR1262 750 PPB STD	PP23247	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.25000ml of E3735 + 0.75000ml of PP23246 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1530	AR1262 500 PPB STD	PP23248	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.50000ml of E3735 + 0.50000ml of PP23246 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3754	AR1262 250 PPB STD	PP23249	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.75000ml of E3735 + 0.25000ml of PP23246 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3755	AR1262 50 PPB STD	PP23250	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.90000ml of E3735 + 0.10000ml of PP23248 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1532	AR1268 1000 PPB Working Solution	PP23251	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.10000ml of P11596 + 99.40000ml of E3735 + 0.50000ml of PP23215 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3820	AR1268 750 PPB STD	PP23252	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.25000ml of E3735 + 0.75000ml of PP23251 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1533	AR1268 500 PPB STD	PP23253	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.50000ml of E3735 + 0.50000ml of PP23251 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3821	AR1268 250 PPB STD	PP23254	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.75000ml of E3735 + 0.25000ml of PP23251 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3822	AR1268 50 PPB STD	PP23255	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.90000ml of E3735 + 0.10000ml of PP23253 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
404	AR1660 100 PPM Stock Solution 2nd Source	PP23257	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 1.00000ml of P12209 + 9.00000ml of E3732 = Final Quantity: 10.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
405	AR1660 1000/100 PPB ICV STD	PP23258	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 98.50000ml of E3735 + 0.50000ml of PP23215 + 1.00000ml of PP23257 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
406	AR1660 500 PPB ICV	PP23259	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.50000ml of E3735 + 0.50000ml of PP23258 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1887	AR1232 1000 PPB Working Sol. 2nd Source	PP23262	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 1.00000ml of P12697 + 98.50000ml of E3735 + 0.50000ml of PP23215 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1888	AR1232 500 PPB ICV	PP23263	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.50000ml of E3735 + 0.50000ml of PP23262 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1889	AR1242 1000 PPB Working Sol. 2nd Source	PP23264	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 1.00000ml of P11506 + 98.50000ml of E3735 + 0.50000ml of PP23215 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1891	AR1242 500 PPB ICV	PP23265	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.50000ml of E3735 + 0.50000ml of PP23264 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1890	AR1248 1000 PPB Working Sol. 2nd Source	PP23266	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 1.00000ml of P11511 + 98.50000ml of E3735 + 0.50000ml of PP23215 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1892	AR1248 500 PPB ICV	PP23267	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.50000ml of E3735 + 0.50000ml of PP23266 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1893	AR1254 1000 PPB Working Sol. 2nd Source	PP23268	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 1.00000ml of P12956 + 98.00000ml of E3735 + 0.50000ml of PP23215 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1894	AR1254 500 PPB ICV	PP23269	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.50000ml of E3735 + 0.50000ml of PP23268 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3757	AR1262 1000 PPB Working Solution second source	PP23270	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.10000ml of P13032 + 99.40000ml of E3735 + 0.50000ml of PP23215 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3758	AR1262 500 PPB STD ICV	PP23271	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.50000ml of E3735 + 0.50000ml of PP23270 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3817	AR1268 1000 ppb Working Soln. 2nd source	PP23272	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 1.00000ml of P11520 + 98.50000ml of E3735 + 0.50000ml of PP23215 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3823	AR1268 500 PPB STD ICV	PP23273	04/22/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 04/22/2024

FROM 0.50000ml of E3735 + 0.50000ml of PP23272 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3857	5000 PPB PCB SPIKE SOLUTION 2ND SOURCE	PP23516	07/12/2024	01/12/2025	Abdul Mirza	None	None	Ankita Jodhani 07/16/2024

FROM 0.50000ml of P12946 + 99.50000ml of E3769 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3789	AR1221 1000 PPB WORKING SOL.2ND SOURCE(AGILENT)	PP23578	08/05/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 08/06/2024

FROM 1.00000ml of P13372 + 98.50000ml of E3770 + 0.50000ml of PP23215 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3790	AR1221 500 PPB ICV(AGILENT)	PP23579	08/05/2024	10/22/2024	Ankita Jodhani	None	None	Yogesh Patel 08/06/2024

FROM 0.50000ml of E3770 + 0.50000ml of PP23578 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
465	200 PPB Pest/PCB Surrogate Spike	PP23608	08/08/2024	02/01/2025	Abdul Mirza	None	None	Ankita Jodhani 08/08/2024

FROM 1.00000ml of P12814 + 999.00000ml of E3772 = Final Quantity: 1000.000 ml

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	313201	01/03/2025	01/03/2024 / Rajesh	07/20/2023 / Rajesh	E3551

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	23H1462005	10/22/2024	04/22/2024 / Rajesh	04/12/2024 / Rajesh	E3732

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	24C1862008	10/22/2024	04/22/2024 / Rajesh	04/19/2024 / Rajesh	E3735

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	23H1462005	01/12/2025	07/12/2024 /	07/02/2024 / Rajesh	E3769

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	24C1862008	04/15/2025	07/12/2024 / Rajesh	07/02/2024 / Rajesh	E3770

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	22L2862006	02/01/2025	08/01/2024 / Rajesh	07/19/2024 / Rajesh	E3772

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Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	24C1862008	02/13/2025	08/13/2024 / Rajesh	08/13/2024 / Rajesh	E3789

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	24G0862022	02/26/2025	08/26/2024 / Rajesh	08/07/2024 / Rajesh	E3790

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9673-33 / Sulfuric Acid, Instra-Analyzed (cs/6c2.5L)	0000250349	12/15/2024	01/06/2022 / mohan	09/18/2021 / mohan	M5037

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32039 / PCB Mix, Aroclor 1016/1260, 1000ug/mL, hexane, 1mL/ampul	A0163157	10/22/2024	04/22/2024 / Ankita	03/19/2021 / Abdul	P10482

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32409 / PCB Stock Solution, Aroclor 1262 Std, 1mL, Hexane	A0167722	10/22/2024	04/22/2024 / Ankita	03/19/2021 / Ankita	P10499

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-312-1 / Aroclor 1242	0006665550	10/22/2024	04/22/2024 / Ankita	02/21/2022 / Ankita	P11506

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Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-342-1 / Aroclor 1248	0006626997	10/22/2024	04/22/2024 / Ankita	02/21/2022 / Ankita	P11511

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-382-1 / Aroclor 1268	0006587800	10/22/2024	04/22/2024 / Ankita	02/21/2022 / Ankita	P11520

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32007 / PCB Mix, Aroclor 1221, 1000ug/mL, Hexane, 1mL/ampul	A0175456	10/22/2024	04/22/2024 / Ankita	03/18/2022 / Abdul	P11580

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32008 / PCB Mix, Aroclor 1232, 1000ug/mL, Hexane, 1mL/ampul	A0173309	10/22/2024	04/22/2024 / Ankita	03/18/2022 / Abdul	P11586

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32011 / PCB Mix, Aroclor 1254, 1000ug/mL, Hexane, 1mL/ampul	A0175403	10/22/2024	04/22/2024 / Ankita	03/18/2022 / Abdul	P11589

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32410 / PCB Stock Solution, Aroclor 1268 Std, 1mL, Hexane	A0181782	10/22/2024	04/22/2024 / Ankita	03/18/2022 / Abdul	P11596

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Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	033121	10/22/2024	04/22/2024 / Ankita	11/16/2022 / Ankita	P12209

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards,Inc	91867 / Aroclor 1232 100 ug/mL	020823	10/22/2024	04/22/2024 / Ankita	08/07/2023 / Ankita	P12697

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0200112	10/22/2024	04/22/2024 / Ankita	09/25/2023 / Abdul	P12810

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0200112	02/08/2025	08/08/2024 / Abdul	09/25/2023 / Abdul	P12814

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32009 / PCB Mix, Aroclor 1242, 1000ug/mL, Hexane, 1mL/ampul	a0203672	10/22/2024	04/22/2024 / Ankita	12/07/2023 / Ankita	P12928

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32010 / PCB Mix, Aroclor 1248, 1000ug/mL, Hexane, 1mL/ampul	a0202803	10/22/2024	04/22/2024 / Ankita	12/07/2023 / Ankita	P12933

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Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	022023	01/12/2025	07/12/2024 / Abdul	12/20/2023 / Yogesh	P12946

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ Arochlor 1254	121823	10/22/2024	04/22/2024 / Ankita	12/20/2023 / Yogesh	P12956

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards,Inc	90165 / Aroclor 1262	112322	10/22/2024	04/22/2024 / Ankita	12/20/2023 / Yogesh	P13032

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-292-1 / Aroclor 1221	0006783205	04/03/2025	10/03/2024 / Ankita	05/02/2024 / Ankita	P13372

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

P12806 → P12815 | 10

9/25/2023

Catalog No. : 32000 **Lot No.:** A0200112

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL; Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2029 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	201.3 µg/mL	+/- 11.1676
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30679	99%	201.5 µg/mL	+/- 11.1787

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

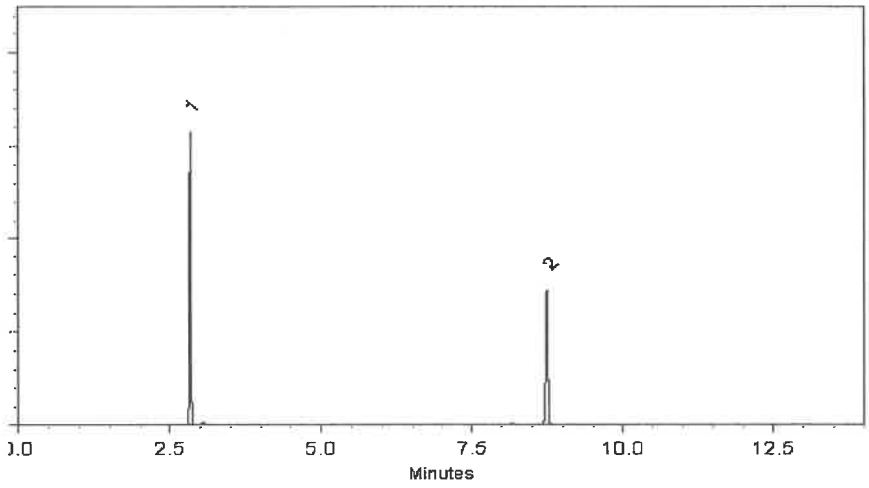
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Jess Hoy - Operations Tech I

Date Mixed: 20-Jul-2023 **Balance Serial #** B442140311

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jul-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P12806
P12815
(10)
9/25/2023

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

P12806 → P12815 | 10

Catalog No. : 32000 **Lot No.:** A0200112

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL; Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2029 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

9/25/2023

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	201.3 µg/mL	+/- 11.1676
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30679	99%	201.5 µg/mL	+/- 11.1787

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

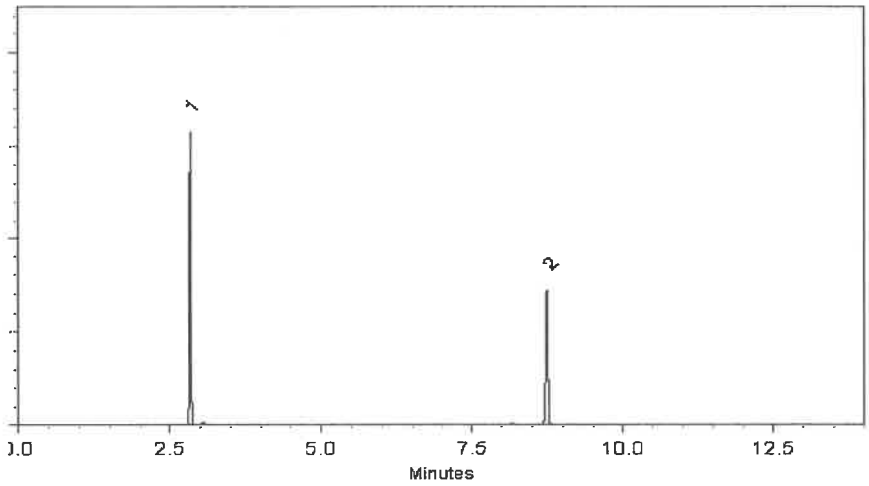
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Jess Hoy - Operations Tech I

Date Mixed: 20-Jul-2023 **Balance Serial #** B442140311

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jul-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P12806
P12815
(10)
9/25/2023

PRODUCTOS QUIMICOS MONTERREY, S.A. DE C.V.

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MEXICO
CP 64070
TEL +52 81 13 52 57 57
www.pqm.com.mx

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE RMB3375)	FORMULA :	Na_2SO_4
SPECIFICATION NUMBER :	6399	RELEASE DATE:	ABR/21/2023
LOT NUMBER :	313201		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na_2SO_4)	Min. 99.0%	99.7 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.1
Insoluble matter	Max. 0.01%	0.005 %
Loss on ignition	Max. 0.5%	0.1 %
Chloride (Cl)	Max. 0.001%	<0.001 %
Nitrogen compounds (as N)	Max. 5 ppm	<5 ppm
Phosphate (PO_4)	Max. 0.001%	<0.001 %
Heavy metals (as Pb)	Max. 5 ppm	<5 ppm
Iron (Fe)	Max. 0.001%	<0.001 %
Calcium (Ca)	Max. 0.01%	0.002 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.003 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreing matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.1 %
Retained on US Standard No. 60 sieve	Min. 94%	97.3 %
Through US Standard No. 60 sieve	Max. 5%	2.5 %
Through US Standard No. 100 sieve	Max. 10%	0.1 %

COMMENTS

QC: PhC Irma Belmares

If you need further details, please call our factory or contact our local distributor.

RG-02-01, Ed. 3

Recd. by RP on 7/24/23 E3551

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker®

Material No.: 9254-03
Batch No.: 23H1462005
Manufactured Date: 2023-07-26
Expiration Date: 2026-07-25
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected for water)	≥ 99.4 %	99.7 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.3 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	≤ 0.3	0.1
Titrable Base (µeq/g)	≤ 0.6	< 0.1
Water (H_2O)	≤ 0.5 %	0.3 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	< 1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd. by RP on 4/12/24

E 3732

Ken Koehnlein
Sr. Manager, Quality Assurance

Hexanes (95% n-hexane)
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker®

Material No.: 9262-03
Batch No.: 24C1862008
Manufactured Date: 2024-01-30
Expiration Date: 2025-04-30
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	< 1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1
ECD-Sensitive Impurities (as Ethylene Dibromide) - Single Impurity Peak (ng/mL)	≤ 5	1
Assay (Total Saturated C_6 Isomers) (by GC, corrected for water)	≥ 99.5 %	99.7 %
Assay (as n-Hexane) (by GC, corrected for water)	≥ 95 %	98 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.4 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	≤ 0.05 %	< 0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd. by RP on 4/19/24

E3735

Jamie Croak
Director Quality Operations, Bioscience Production

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker®

Material No.: 9254-03
Batch No.: 23H1462005
Manufactured Date: 2023-07-26
Expiration Date: 2026-07-25
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected for water)	≥ 99.4 %	99.7 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.3 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	≤ 0.3	0.1
Titrable Base (µeq/g)	≤ 0.6	< 0.1
Water (H_2O)	≤ 0.5 %	0.3 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	< 1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd. by RP on 7/21/24

E 3769

Ken Koehnlein
Sr. Manager, Quality Assurance

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker®

Material No.: 9254-03
Batch No.: 23H1462005
Manufactured Date: 2023-07-26
Expiration Date: 2026-07-25
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected for water)	≥ 99.4 %	99.7 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.3 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	≤ 0.3	0.1
Titrable Base (µeq/g)	≤ 0.6	< 0.1
Water (H_2O)	≤ 0.5 %	0.3 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	< 1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd. by RP on 7/2/24

E 3769

Ken Koehnlein
Sr. Manager, Quality Assurance

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker®

Material No.: 9254-03
Batch No.: 22L2862006
Manufactured Date: 2022-12-19
Expiration Date: 2025-12-18
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected for water)	≥ 99.4 %	99.7 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	≤ 0.3	0.1
Titrable Base (µeq/g)	≤ 0.6	< 0.1
Water (H_2O)	≤ 0.5 %	0.3 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	4

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd by RP on 7/19/24

E3772

James Ethier
Jamie Ethier
Vice President Global Quality

Hexanes (95% n-hexane)
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor | J.T.

Material No.: 9
Batch No.: 24C186
Manufactured Date: 2024
Expiration Date: 2025-0
Revisio

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	< 1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1
ECD-Sensitive Impurities (as Ethylene Dibromide) – Single Impurity Peak (ng/mL)	≤ 5	1
Assay (Total Saturated C_6 Isomers) (by GC, corrected for water)	≥ 99.5 %	99.7 %
Assay (as n-Hexane) (by GC, corrected for water)	≥ 95 %	98 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.4 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	≤ 0.05 %	< 0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd. by RP on 8/13/24

E3789

Jamie Croak
Director Quality Operations, Bioscience Product

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone 610.386.1700
Page 1 of 1

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor™ | J.T.Baker®

Material No.: 9266-A4
Batch No.: 24G0862022
Manufactured Date: 2024-06-05
Expiration Date: 2025-09-04
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	3
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	4
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	≥ 99.8 %	100.0 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.3 ppm
Titrable Acid (µeq/g)	≤ 0.3	< 0.1
Chloride (Cl)	≤ 10 ppm	< 5 ppm
Water (by KF, coulometric)	≤ 0.02 %	< 0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC
Manufacturer source batch: MG24F05012

E3790

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

M3033-38-33-40
no

avantor™ | J.T.Baker®

Material No.: 9673-33
Batch No.: 0000250349
Manufactured Date: 2019/12/17
Retest Date: 2024/12/15
Revision No: 1

Certificate of Analysis

Test	Specification	Result
ACS - Assay (H_2SO_4)	95.0 - 98.0 %	96.5
Appearance	Passes Test	PT
ACS - Color (APHA)	<= 10	5
ACS - Residue after Ignition	<= 3 ppm	1
ACS - Substances Reducing Permanganate (as SO_2)	<= 2 ppm	< 2
Ammonium (NH_4)	<= 1 ppm	< 1
Chloride (Cl)	<= 0.1 ppm	< 0.1
Nitrate (NO_3)	<= 0.2 ppm	< 0.1
Phosphate (PO_4)	<= 0.5 ppm	< 0.1
Trace Impurities - Aluminum (Al)	<= 30.0 ppb	0.2
Arsenic and Antimony (as As)	<= 4 ppb	< 2
Trace Impurities - Barium (Ba)	<= 10.0 ppb	< 1.0
Trace Impurities - Beryllium (Be)	<= 10.0 ppb	< 1.0
Trace Impurities - Bismuth (Bi)	<= 10.0 ppb	< 1.0
Trace Impurities - Boron (B)	<= 10.0 ppb	< 5.0
Trace Impurities - Cadmium (Cd)	<= 2.0 ppb	< 0.3
Trace Impurities - Calcium (Ca)	<= 50.0 ppb	2.9
Trace Impurities - Chromium (Cr)	<= 6.0 ppb	< 0.4
Trace Impurities - Cobalt (Co)	<= 0.5 ppb	< 0.3
Trace Impurities - Copper (Cu)	<= 1.0 ppb	< 0.1
Trace Impurities - Gallium (Ga)	<= 10.0 ppb	< 1.0
Trace Impurities - Germanium (Ge)	<= 10.0 ppb	< 10.0
Trace Impurities - Gold (Au)	<= 10.0 ppb	< 0.2
Heavy Metals (as Pb)	<= 500 ppb	< 100

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

Test	Specification	Result
Trace Impurities - Iron (Fe)	<= 50.0 ppb	4.1
Trace Impurities - Lead (Pb)	<= 0.5 ppb	< 0.5
Trace Impurities - Lithium (Li)	<= 10.0 ppb	< 1.0
Trace Impurities - Magnesium (Mg)	<= 7.0 ppb	0.4
Trace Impurities - Manganese (Mn)	<= 1.0 ppb	< 0.4
Trace Impurities - Mercury (Hg)	<= 0.5 ppb	< 0.1
Trace Impurities - Molybdenum (Mo)	<= 10.0 ppb	< 5.0
Trace Impurities - Nickel (Ni)	<= 2.0 ppb	< 0.3
Trace Impurities - Niobium (Nb)	<= 10.0 ppb	< 1.0
Trace Impurities - Potassium (K)	<= 500.0 ppb	< 2.0
Trace Impurities - Selenium (Se)	<= 50.0 ppb	22.9
Trace Impurities - Silicon (Si)	<= 100.0 ppb	< 10.0
Trace Impurities - Silver (Ag)	<= 1.0 ppb	< 0.3
Trace Impurities - Sodium (Na)	<= 500.0 ppb	2.7
Trace Impurities - Strontium (Sr)	<= 5.0 ppb	< 0.2
Trace Impurities - Tantalum (Ta)	<= 10.0 ppb	< 5.0
Trace Impurities - Thallium (Tl)	<= 20.0 ppb	< 5.0
Trace Impurities - Tin (Sn)	<= 5.0 ppb	< 0.8
Trace Impurities - Titanium (Ti)	<= 10.0 ppb	< 1.0
Trace Impurities - Vanadium (V)	<= 10.0 ppb	< 1.0
Trace Impurities - Zinc (Zn)	<= 5.0 ppb	0.3
Trace Impurities - Zirconium (Zr)	<= 10.0 ppb	< 1.0

For Laboratory, Research or Manufacturing Use

Country of Origin: US
Packaging Site: Phillipsburg Mfg Ctr & DC

James Ethier
Jamie Ethier
Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
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Certificate #3222.01

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ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32039 **Lot No.:** A0163157

Description : Aroclor® 1016/1260 Mix

Aroclor® 1016/1260 Mix 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2026 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound		Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Aroclor 1016		1,007.0 µg/mL	+/- 5.8683	µg/mL	Gravimetric
	CAS # 12674-11-2	(Lot 04)		+/- 31.9082	µg/mL	Unstressed
	Purity ----%			+/- 41.6868	µg/mL	Stressed
2	Aroclor 1260		1,008.0 µg/mL	+/- 5.8741	µg/mL	Gravimetric
	CAS # 11096-82-5	(Lot 07)		+/- 31.9399	µg/mL	Unstressed
	Purity ----%			+/- 41.7282	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P10476
&
P10480

AR
02/19/21

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

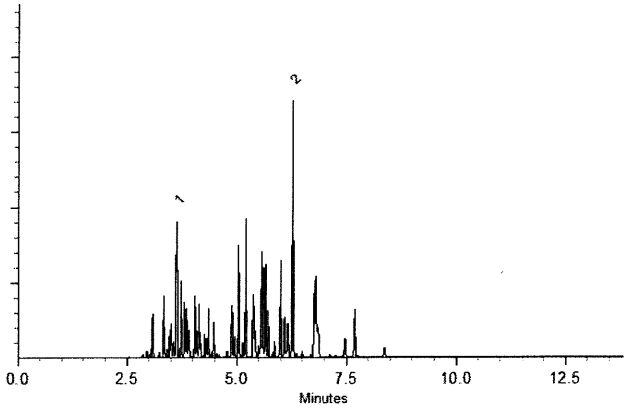
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Tom Suckar - Mix Technician

Date Mixed: 03-Aug-2020 **Balance:** B442140311

Justine Albertson - Operations Tech-ARM QC

Date Passed: 05-Aug-2020

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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ilac-MRA

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Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32409 **Lot No.:** A0167722

Description : Aroclor® 1262 Standard

Aroclor® 1262 Standard 1,000 µg/mL, 1mL/ampul, Hexane

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2027 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Aroclor 1262	1,004.0 µg/mL	+/- 5.9635	µg/mL	Gravimetric
	CAS # 37324-23-5 (Lot 10849100)		+/- 31.8340	µg/mL	Unstressed
	Purity ----%		+/- 41.5787	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P10496
J
P10500

AJ
09/19/21

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

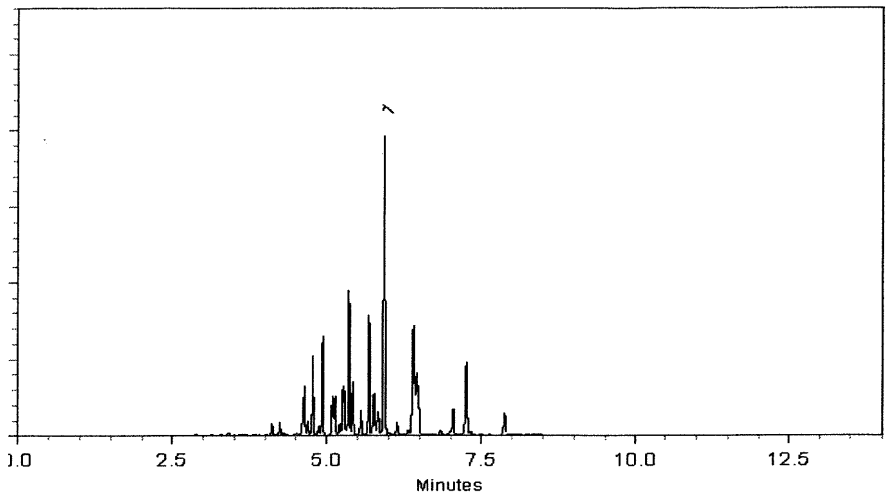
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

Date Mixed: 03-Jan-2021 **Balance:** B707717271

Marlina Cowan - Operations Tech I

Date Passed: 05-Jan-2021

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

ISO 17034

Agilent
Trusted Answers

Reference Material Certificate

Product Name:	Aroclor 1242 Standard	**Lot Number:**	0006665550
Product Number:	PP-312-1	**Lot Issue Date:**	08-Feb-2022
Storage Conditions:	Store at Room Temperature (15° to 30°C).	**Expiration Date:**	31-Jan-2027

	CERTIFIED VALUES			
Component Name	Concentration	Expanded Uncertainty	CAS#	Analyte Lot
Aroclor 1242	100.4	± 0.5 µg/mL	053469-21-9	NT01020

Matrix: isooctane (2,2,4-trimethylpentane)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20ºC to 25ºC immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P11533 + P11537

AJ 02/21/22

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

ISO 17034

Agilent
Trusted Answers

Reference Material Certificate

Product Name:	Aroclor 1248 Standard	**Lot Number:**	0006626997
Product Number:	PP-342-1	**Lot Issue Date:**	17-Aug-2021
Storage Conditions:	Store at Room Temperature (15° to 30°C).	**Expiration Date:**	30-Sep-2025

	CERTIFIED VALUES				
Component Name	Concentration		Expanded Uncertainty	CAS#	Analyte Lot
Aroclor 1248	100.3	±	0.5 µg/mL	012672-29-6	NT01582

Matrix: isooctane (2,2,4-trimethylpentane)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P11508 → P11512 AJ 12/21/22

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

ISO 17034 Cert
No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015
Quality Management System. Cert# 951215321
Page: 2 of 2

www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED TESTING LABORATORY

ISO 17025 Cert
No. AT-1937

P11518 ↓ P11522 AJ 02/21/22

Agilent

Certificate of Analysis

Product Name: Aroclor 1268 Standard

Product Number: PP-382-1 **Lot Issue Date:** 09-Feb-2021

Lot Number: 0006587800 **Expiration Date:** 31-Mar-2029

Description:
This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
Aroclor 1268	011100-14-4	RM00937	100.0 ± 0.5 µg/mL

Matrix: isooctane (2,2,4-trimethylpentane)

Storage Conditions: Store at Room Temperature (15° to 30°C).

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Intended Use:
This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

Expiration of Certification:
The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

M Bourgeois

Monica Bourgeois
QMS Representative

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026
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www.agilent.com/quality/
CSD-QA-015.1

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ISO 17025 Cert No. AT-1937

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32007 **Lot No.:** A0175456

Description : Aroclor® 1221 Standard

Aroclor® 1221 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2027 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Aroclor 1221	1,002.0 µg/mL	+/- 5.9516 µg/mL	Gravimetric
	CAS # 11104-28-2 (Lot 10210500)		+/- 31.7706 µg/mL	Unstressed
	Purity ----%		+/- 41.4958 µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P 11578 (S)
↓
P 11582

AR
04/30/22

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

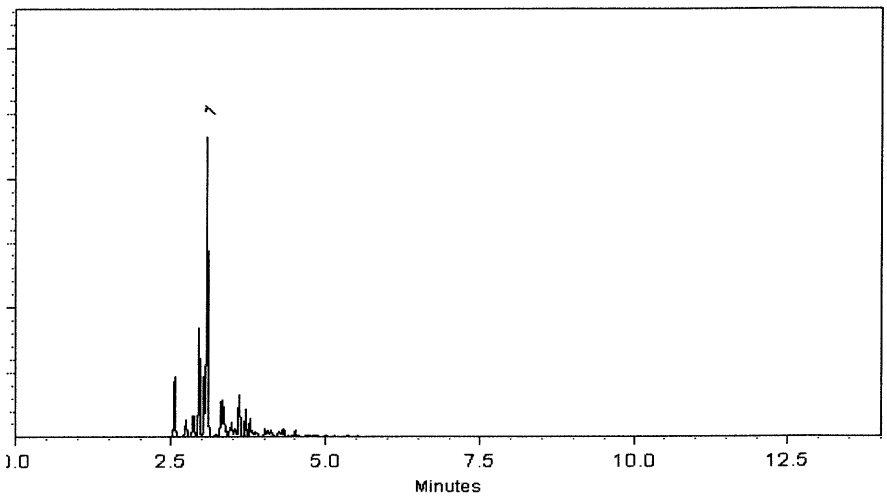
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

Date Mixed: 16-Aug-2021 **Balance:** B442140311

Marlina Cowan - Operations Tech I

Date Passed: 18-Aug-2021

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P11578 ↓ P11582 (5)

AR 04/30/22

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32008 **Lot No.:** A0173309

Description : Aroclor® 1232 Standard

Aroclor® 1232 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2027 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Aroclor 1232	1,001.0 µg/mL	+/- 5.9456 µg/mL	Gravimetric
	CAS # 11141-16-5 (Lot 15665-01)		+/- 31.7389 µg/mL	Unstressed
	Purity ----%		+/- 41.4544 µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P11583 ↓ P11597 (S)

AR 04/30/22

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

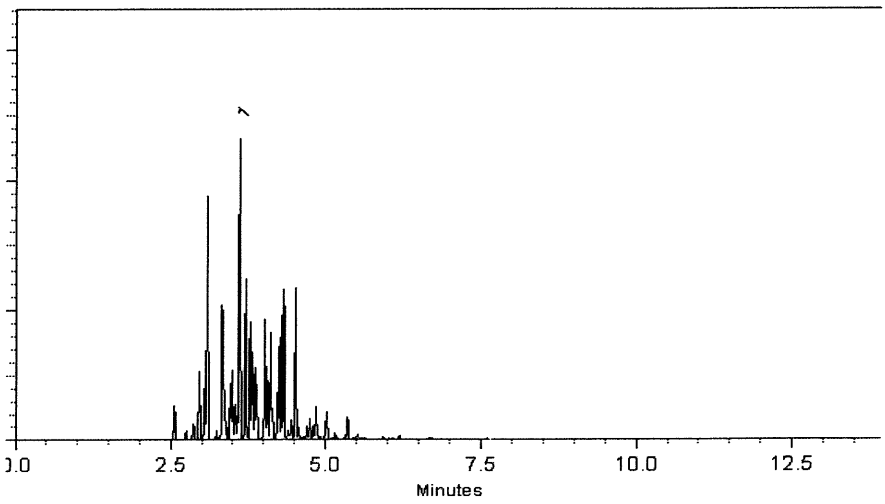
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

Date Mixed: 13-Jun-2021 **Balance:** B442140311

Alexis Shelow - Operations Tech I

Date Passed: 16-Jun-2021

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P11583 ↓ P11587 | (5)

AR 04/30/22

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32011 **Lot No.:** A0175403

Description : Aroclor® 1254 Standard

Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2027 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Aroclor 1254	1,000.7 µg/mL	+/- 5.9437 µg/mL	Gravimetric
	CAS # 11097-69-1 (Lot 124-191-B)		+/- 31.7284 µg/mL	Unstressed
	Purity ----%		+/- 41.4406 µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P11588 ↓ P11592 | S

AR 04/30/2022

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

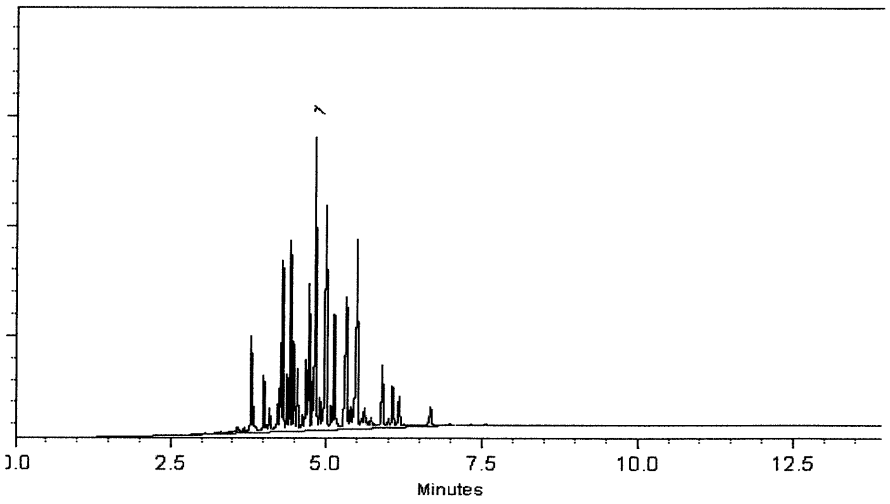
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Cathleen Soltis - Mix Technician

Date Mixed: 15-Aug-2021 **Balance:** 1128360905

Alexis Shelow - Operations Tech I

Date Passed: 17-Aug-2021

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P11588 | (5)
1
P11592

AR
04/30/22

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ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32410 **Lot No.:** A0181782

Description : Aroclor® 1268 Standard

Aroclor® 1268 Standard 1,000 µg/mL, 1mL/ampul, Hexane

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2028 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Aroclor 1268	1,001.4 µg/mL	+/- 5.9480 µg/mL	Gravimetric
	CAS # 11100-14-4 (Lot 10947000)		+/- 31.7516 µg/mL	Unstressed
	Purity ----%		+/- 41.4710 µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P 11593 (5)
↓
P 11597

AR 04/30/2022

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

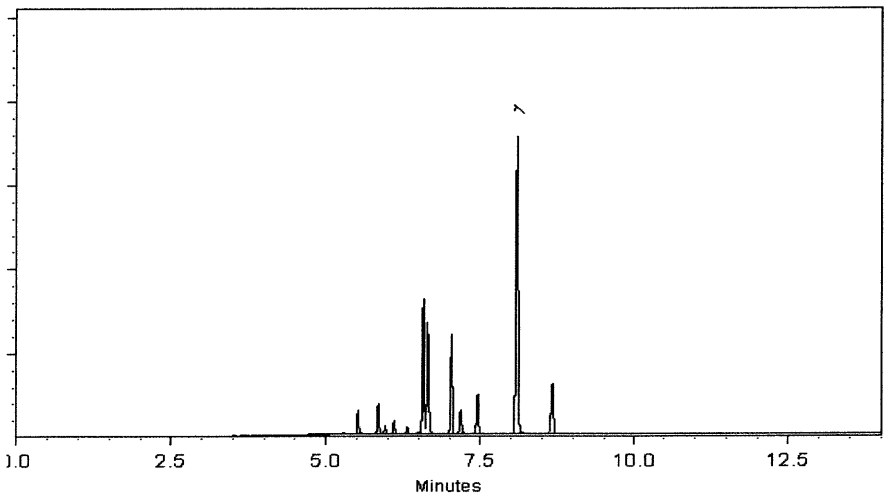
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 14-Feb-2022 **Balance:** 1128360905

Clara Windle - Operations Technician I

Date Passed: 17-Feb-2022

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P 11593 | 5
↓
P 11597
04/30/2022

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CERTIFIED WEIGHT REPORT

Part Number: 20064
Lot Number: 033121
Description: CLP PCB'S - Aroclor Mix
Aroclors 1016 & 1260
Expiration Date: 033131
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

Solvent(s):	Lot#
Hexane	233256

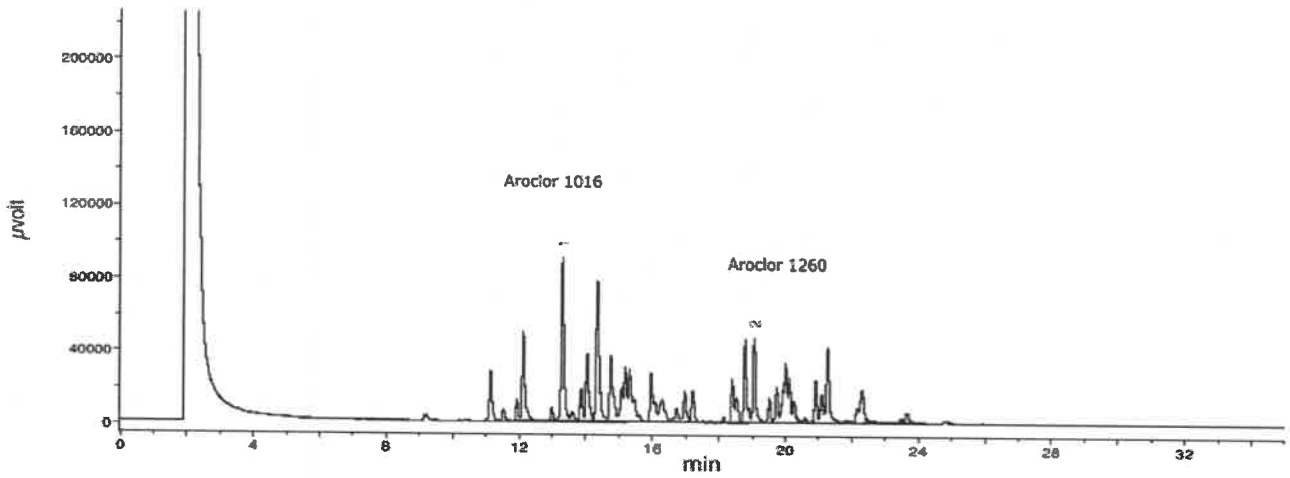
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 200.1 0.058 Flask Uncertainty

Prashant Chauhan	033121	
Formulated By:	Prashant Chauhan	DATE
Pedro L. Rentas	033121	
Reviewed By:	Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1016	15	020491JC	1000	100	0.2	0.20007	0.20025	1000.9	4.1	12674-11-2	N/A	N/A
2. Aroclor 1260	21	020491JC	1000	100	0.2	0.20007	0.20035	1001.4	4.1	11096-82-5	0.5mg/m3	orl-rat 1315mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



P12201 J, P12210 AJ 11/16/22

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CERTIFIED WEIGHT REPORT

Part Number:	91867
Lot Number:	020823
Description:	WP 037 - Aroclor 1232 PCB Technical Mixture
Expiration Date:	020833
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	100
NIST Test ID#:	6UTB

Solvent/ Acet

Weight(s) shown below were combined and diluted to (mL): 100.0

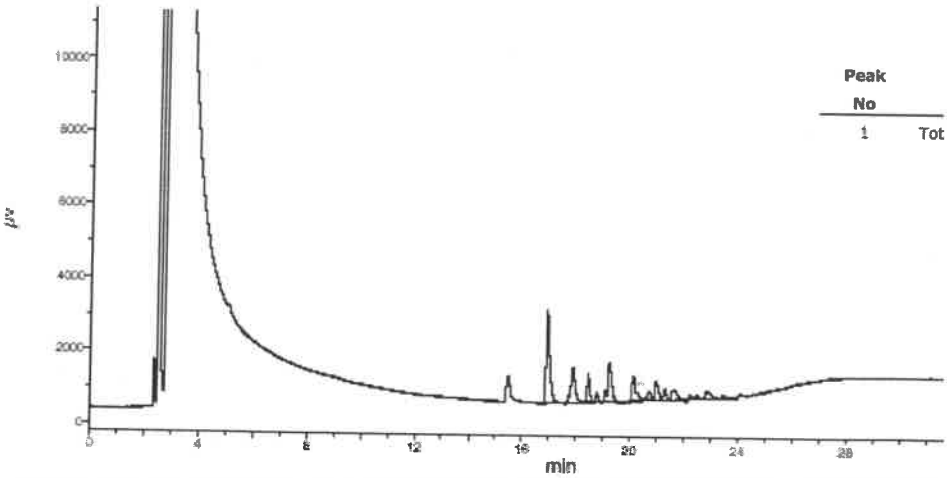
5E-05 Balance Uncertainty

0.057 Flask Uncertainty

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Targ Weight (g
1. Aroclor 1232	17	45-6A	100	100	0.5	0.01000

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measure Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



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Bellefonte, PA 16823-8812
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Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32009 **Lot No.:** A0203672

Description : Aroclor® 1242 Standard

Aroclor® 1242 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

P12928
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P12932
AJ
12/07/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1242	53469-21-9	01141	----%	1,004.7 µg/mL	+/- 55.7515

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

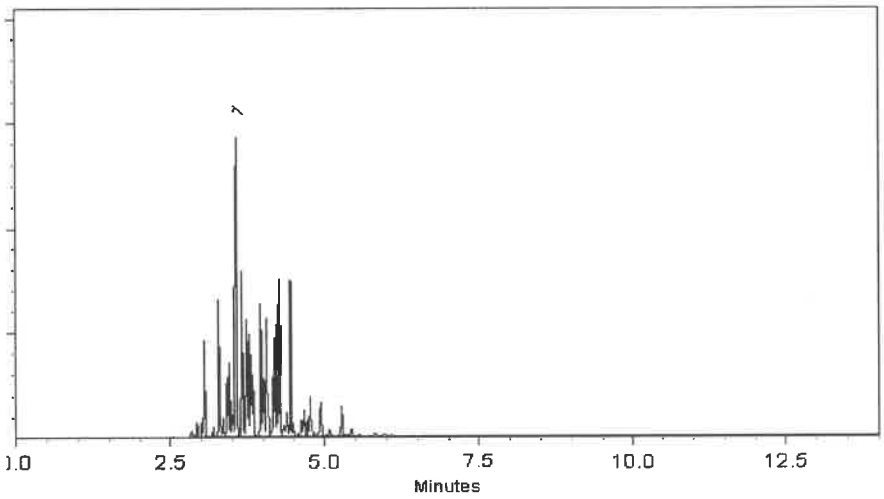
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Russ Bookhamer - Operations Technician I

Date Mixed: 26-Oct-2023 **Balance Serial #** B442140311

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 06-Nov-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK

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Bellefonte, PA 16823-8812
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Fax: 1-814-353-1309

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chromatographic plus

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ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

P12933 ↓ P12937 AJ 12/07/23

Catalog No. : 32010 **Lot No.:** A0202803

Description : Aroclor® 1248 Standard

Aroclor® 1248 Standard 1,000µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1248	12672-29-6	13897600	----%	1,001.7 µg/mL	+/- 55.5850

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

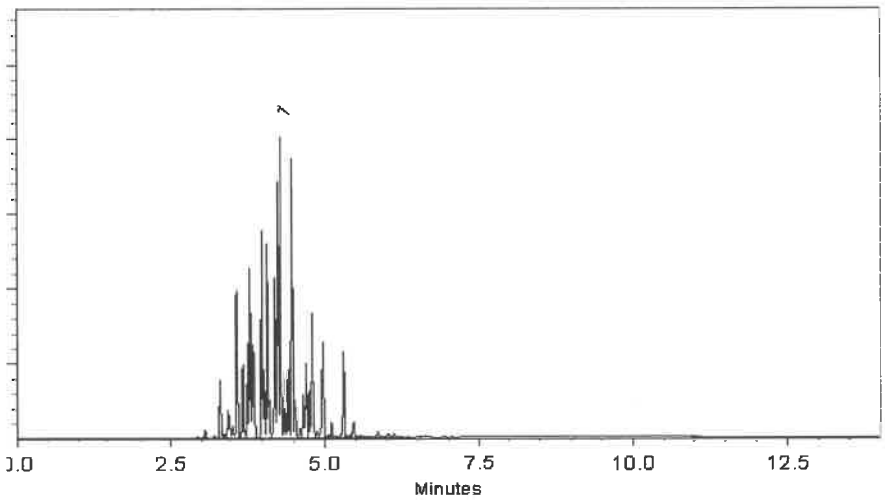
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I

Date Mixed: 03-Oct-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 09-Oct-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

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P3845-PCB

CERTIFIED WEIGHT REPORT

Part Number:	20064
Lot Number:	022023
Description:	CLP PCB'S - Aroclor Mix
	Aroclors 1016 & 1260
Expiration Date:	022033
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	1000
NIST Test ID#:	6UTB

Solvent(s): Hexane **Lot#** 273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

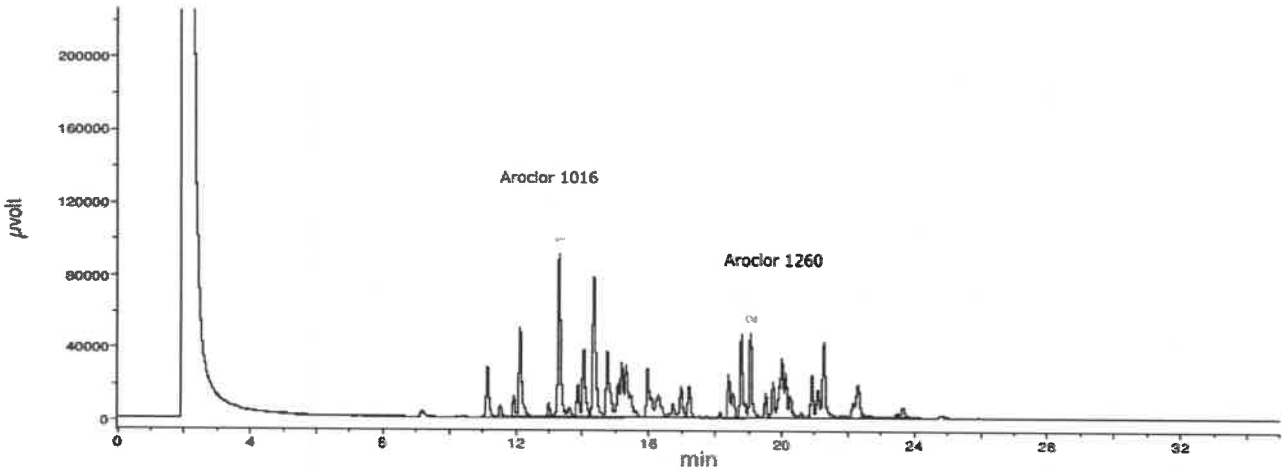
Formulated By: Benson Chan	022023 DATE
Reviewed By: Pedro L. Rentas	022023 DATE

P12946 ↓ P12955 — Y.P. 12/20/23

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1016	15	020491JC	1000	100	0.2	0.20004	0.20060	1002.8	4.0	12674-11-2	N/A	N/A
2. Aroclor 1260	21	020491JC	1000	100	0.2	0.20004	0.20081	1003.9	4.0	11096-82-5	0.5mg/m3	orl-rat 1315mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



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CERTIFIED WEIGHT REPORT

Part Number:	99139	**Solvent(s):**	**Lot#**	
Lot Number:	121823	Iso-octane	82227	
Description:	Aroclor 1254			
Expiration Date:	121833			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	100			
NIST Test ID#:	6UTB	5E-05	Balance Uncertainty	
Volume(s) shown below were combined and diluted to (mL):		20.0	0.003	Flask Uncertainty

		121823
Formulated By:	Anthony Mahoney	DATE
		121823
Reviewed By:	Pedro L. Rentas	DATE

P12956 & P12957 Y.P. 12/20/23

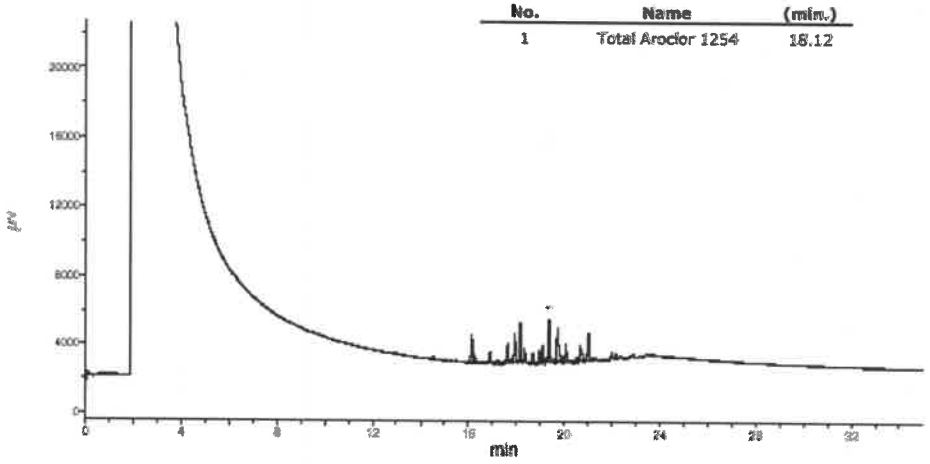
Note: Aroclor 1254 is a mix of isomers.

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(µg/mL)	Final Conc.(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1254	79100	121823	0.10	2.00	0.017	1003.3	100.1	1.8	11097-69-1	0.5mg/m3 (skin)	orl-rat 1295mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3

Peak No.	Name	FID RT (min.)
1	Total Aroclor 1254	18.12



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CERTIFIED WEIGHT REPORT

Part Number: 90165
Lot Number: 112322
Description: Aroclor 1262

Solvent(s): Hexane **Lot#** 273615

Expiration Date: 112332
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

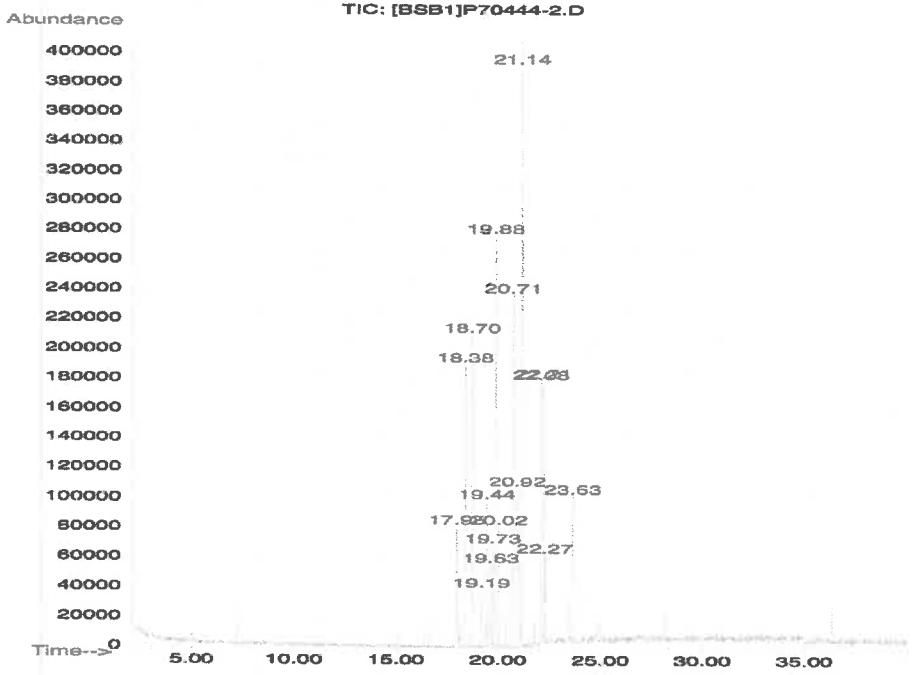
Weight(s) shown below were combined and diluted to (mL): 50.0 | 5E-05 Balance Uncertainty | 0.005 Flask Uncertainty

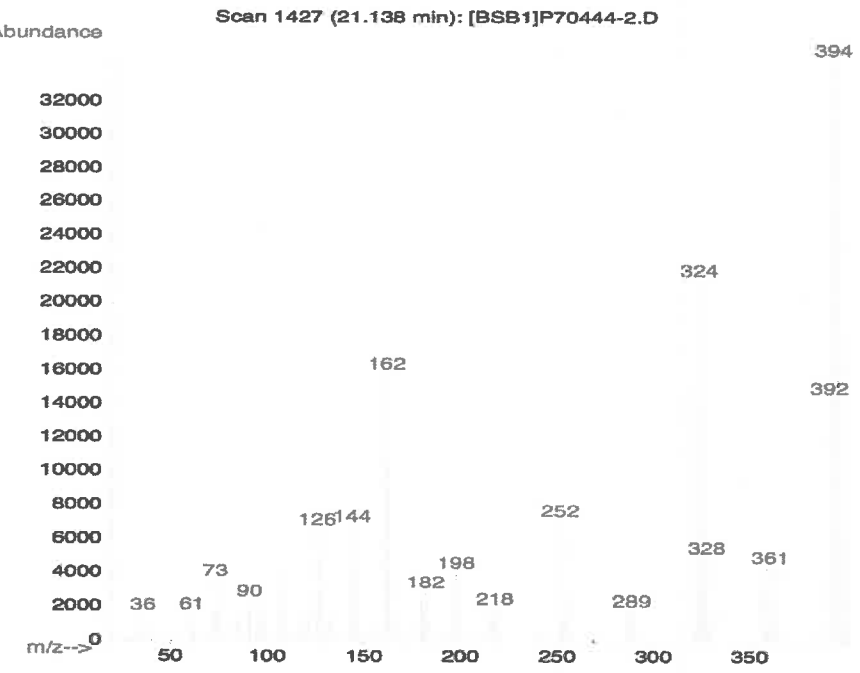
Formulated By:	Prashant Chauhan	112322 DATE
Reviewed By:	Pedro L. Rentas	112322 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1262	444	W-130-05	1000	100	0.2	0.05003	0.05016	1002.7	4.5	37324-23-5	N/A	orl-rat 11300mg/kg

Method GC7MSD-7.M: Column:(30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 150°C (0min.), Temp 2 = 290°C (12.5 min.), Rate = 8°C/min., Injector B= 200°C, Detector B = 290°C.

P13032 2 P13033 Y.P. 12/21/23





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
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- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

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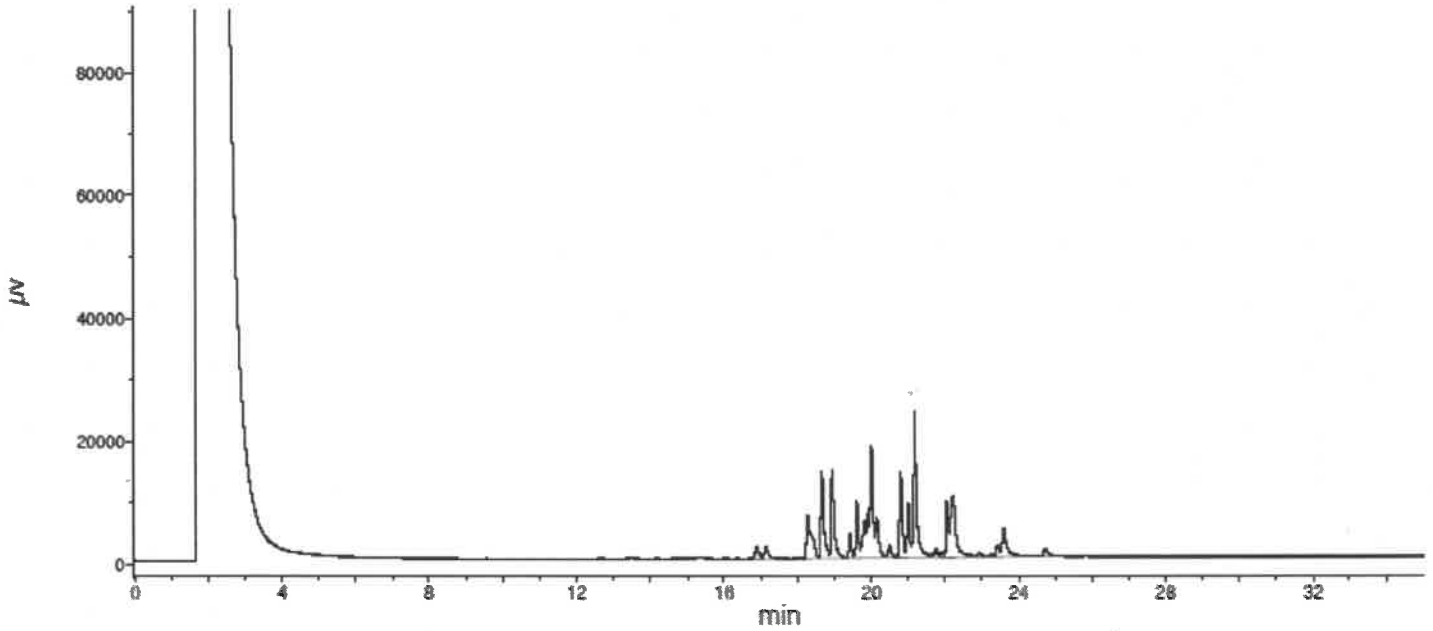
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

Run 20, "P90165 L112322 [1000µg/mL in hexane]"

Run Length: 35.00 min, 21000 points at 10 points/second.
Created: Thu, Dec 8, 2022 at 2:31:02 AM.
Sampled: Sequence "120722-GC3M1", Method "GC3-M1".
Analyzed using Method "GC3-M1".

Comments

GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



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ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name:	Aroclor 1221 Standard	**Lot Number:**	0006783205
Product Number:	PP-292-1	**Lot Issue Date:**	20-Feb-2024
Storage Conditions:	Store at Room Temperature (15° to 30°C).	**Expiration Date:**	31-Mar-2032

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
Aroclor 1221	100.3	±	0.5 µg/mL	011104-28-2	NT01017

Matrix: isooctane (2,2,4-trimethylpentane)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P133f2
↓
P133f3

AJ
05106124

CSD-QA-015.2

ISO 17025
Cert No. AT-1937

250 Smith Street North Kingstown, Rhode Island 02852 **www.agilent.com/quality**

Agilent

Trusted Answers

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

ANAB
ANSI National Accreditation Board
ACCREDITED
REFERENCE MATERIAL PRODUCER

ISO 17034
Cert No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015 Quality Management System. Cert# 951215321

www.agilent.com/quality/
CSD-QA-015.2

ISO 17025
Cert No. AT-1937

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SHIPPING DOCUMENTS

phenova® Certified Reference Materials | A Phenomenex® Company

Packing List

Date	Order #
09/03/2024	318988

6390 Joyce Dr., #100
Golden, CO 80403

Tel: +1-303-940-0033
Fax: +1-303-940-0043
info@phenova.com
www.phenova.com

For terms and conditions of your order, please visit:
www.phenova.com/home/termsofsale

Ship To

Chemtech - NJ
ATTN: Sohil Jodhani
284 Sheffield St., #1
Mountainside, NJ 07092
USA

Received by: SJ
9/5/2024
9:50

Customer PO #	Terms	PT Acct #	Customer #	Ship Via	F.O.B.
240802-01	Net 30	ZCM-100	1500470	FedEx 2nd Day	Golden, CO

Qty Ordered	Qty Shipped	Qty Backorder	Part Number	Part Description	Study Number	Lot Number
			PT-TMSET-WP	WP Trace Metals Set : (TM1, HG and SNTI)		
1	1	0	PT-TM1-WP	WP Trace Metals 1	WP0924	8259-04
1	1	0	PT-HG-WP	WP Mercury	WP0924	8259-05
1	1	0	PT-SNTI-WP	WP Tin & Titanium	WP0924	8259-38
1	1	0	PT-CR6-WP	WP Hexavalent Chromium	WP0924	8259-06
1	1	0	PT-DEM-WP	WP Demand	WP0924	8259-07
			PT-MINSET-WP	WP Minerals Set : (MIN1, MIN2 and COND)		
1	1	0	PT-MIN1-WP	WP Minerals 1 Only	WP0924	8259-08
1	1	0	PT-MIN2-WP	WP Minerals 2 Only	WP0924	8259-102
1	1	0	PT-COND-WP	WP Conductivity Only	WP0924	8259-72
1	1	0	PT-SOL-WP	WP Solids	WP0924	8259-09
			PT-NUTSET-WP	WP Nutrients Set : (NUT1, NUT2 and NUT3)		
1	1	0	PT-NUT1-WP	WP NUT1 Simple Nutrients Only	WP0924	8259-10
1	1	0	PT-NUT2-WP	WP NUT2 - Complex Nutrients	WP0924	8259-11
1	1	0	PT-NUT3-WP	WP NUT3 - Nitrite Only	WP0924	8259-69
1	1	0	PT-OGR1L-WP	WP Oil and Grease 1L	WP0924	8259-103
1	1	0	PT-CL-WP	WP Residual Chlorine	WP0924	8259-13
1	1	0	PT-PH-WP	WP pH	WP0924	8259-15
1	1	0	PT-CN-WP	WP Cyanide	WP0924	8259-14
1	1	0	PT-PHEN-WP	WP Phenolics	WP0924	8259-16

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1	1	0	PT-S2-WP	WP Sulfide	WP0924	8259-22
1	1	0	PT-SSOL-WP	WP Settleable Solids	WP0924	8259-17
1	1	0	PT-VSOL-WP	WP Volatile Solids	WP0924	8259-18
1	1	0	PT-TURB-WP	WP Turbidity	WP0924	8259-20
1	1	0	PT-SIO2-WP	WP Silica	WP0924	8259-21
1	1	0	PT-COL-WP	WP Color	WP0924	8259-51
1	1	0	PT-VOA-WP	WP Volatiles	WP0924	8259-26
1	1	0	PT-BN-WP	WP Base Neutrals	WP0924	8259-27
1	1	0	PT-ACIDS-WP	WP Acids	WP0924	8259-28
1	1	0	PT-PEST-WP	WP Pesticides	WP0924	8259-29
1	1	0	PT-CHLR-WP	WP Chlordane	WP0924	8259-30
1	1	0	PT-TXP-WP	WP Toxaphene	WP0924	8259-31
1	1	0	PT-PCBW-WP	WP PCBs in Water	WP0924	8259-32
1	1	0	PT-HERB-WP	WP Herbicides	WP0924	8259-36
1	1	0	RR-TPH1L-WP	WP TPH 1L	R39151	R39151-104
1	1	0	RR-PAH-WP	WP PAH-Low Level	R39151	R39151-37
1	1	0	RR-GAS-WP	WP Gasoline Range Organics	R39151	R39151-62
1	1	0	RR-DIES-WP	WP Diesel Range Organics	R39151	R39151-63
1	1	0	RR-8011-WP	WP EDB/DBCP/TCP	R39151	R39151-98
1	1	0	RR-TRIAZINE-WP	WP Triazine Pesticides	R39151	R39151-108

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (L-A-B)	L2219
Maine	2024021
Maryland	296
New Hampshire	255423
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488