CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

DATA PACKAGE

GC SEMI-VOLATILES

PROJECT NAME : MACKENNA PARCELS

LABELLA ASSOCIATES P.C.

300 State Street

Suite 201

Rochester, NY - 14614

Phone No: 585-454-6110

ORDER ID : O3645

ATTENTION : Andrew T. Benkleman

Laboratory Certification ID # 20012

CHEMTECH

Table Of Contents for O3645

1) PCB GROUP1 Data 2
2) Signature Page 4
3) Case Narrative 5
4) Qualifier Page 7
5) Conformance/Non Conformance 8
6) QA Checklist 10
7) Chronicle 11
8) Hit Summary 12
9) QC Data Summary For PCB Group1 13
- 9.1) Deuterated Monitoring Compound Summary 14
- 9.2) MS/MSD Summary 16
- 9.3) LCS/LCSD Summary 18
- 9.4) Method Blank Summary 21

10) Sample Data 23
- 10.1) SB-02-(3-5) 24
- 10.2) SB-04-(1-5) 28
- 10.3) SB-07-(1-3) 32
- 10.4) SB-08-(0.5-2.0) 36
- 10.5) SB-09-(2.0-4.0) 40
- 10.6) SB-10-(0.5-2.0) 44
- 10.7) DUP 48
- 10.8) RINSATE-BLANK 52

11) Calibration Data Summary 56
- 11.1) Initial Calibration Data 57
  - 11.1.1) PQ070123 57
- 11.2) Continued Calibration Data 276
  - 11.2.1) PQ062330.D 276
  - 11.2.2) PQ062344.D 288
  - 11.2.3) PQ062366.D 300
  - 11.2.4) PQ062375.D 312
- 11.3) Analytical Seq 324

12) Compound Detection Summary 328
13) QC Sample Data 333
- 13.1) Method Blank Data 334
- 13.2) PIBLK Data 342

Table Of Contents for O3645

13.3) LCS Data 362

13.4) LCSD Data 380

13.5) MS Data 389

13.6) MSD Data 398

14) Manual Integration 407

15) Analytical Runlogs 410

16) Percent Solid 420

17) Extraction Logs 436

17.1) PB154254.pdf 436

17.2) PB154254IC.pdf 438

17.3) PB154263.pdf 440

17.4) PB154263IC.pdf 442

18) Standard Prep Logs 443

19) Shipping Document 526

19.1) Chain Of Custody 527

19.2) ROC 528

19.3) Lab Certificate 530

19.4) Internal COC 531

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Cover Page

Order ID : O3645

Project ID : Mackenna Parcels

Client : LaBella Associates P.C.

Lab Sample Number	Client Sample Number
O3645-01	SB-02-(3-5)
O3645-02	SB-04-(1-5)
O3645-03	SB-07-(1-3)
O3645-04	SB-08-(0.5-2.0)
O3645-05	SB-09-(2.0-4.0)
O3645-06	SB-10-(0.5-2.0)
O3645-07	DUP
O3645-08	RINSATE-BLANK
O3645-09	SB-04-(1-5)MS
O3645-10	SB-04-(1-5)MSD

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 : N. N. Pandya

APPROVED

By Nimisha Pandya QA/QC Supervisor at 10:50 am, Aug 03, 2023

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

LaBella Associates P.C.
Project Name: Mackenna Parcels
Project # N/A
Chemtech Project # O3645
Test Name: PCB Group1

A. Number of Samples and Date of Receipt:
9 Solid samples were received on 07/17/2023.
1 Water sample was received on 07/17/2023.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-RCRA, METALS RCRA, PCB Group1, SVOCMS Group1 and VOCMS Group1. This data package contains results for PCB Group1.

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 PCB Group1s was based on method 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 MS recoveries met the requirements for all compounds .
The MSD recoveries met the acceptable requirements .
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:
The temperature of the samples at the time of receipt was 24.3°C.

The soil samples results are based on a dry weight basis.

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 N. N. Pandya

APPROVED

By Nimisha Pandya QA/QC Supervisor at 10:50 am, Aug 03, 2023

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: O3645 MATRIX: /Water

METHOD: 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 MS recoveries met the requirements for all compounds . The MSD recoveries met the acceptable requirements . 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:			✓

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GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

		NA	NO	YES
9.	Analysis Holding Time Met			✓
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			

ADDITIONAL COMMENTS:

The temperature of the samples at the time of receipt was 24.3°C.

The soil samples results are based on a dry weight basis.

S. M. Jodhani

QA REVIEW

REVIEWED

By Sohil Jodhani, QA/QC Director at 10:34 am, Aug 03, 2023

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: O3645

	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	✓

1st Level QA Review Signature: SOHIL JODHANI **Date:** 07/28/2023

2nd Level QA Review Signature: N. N. Pandya

APPROVED
By Nimisha Pandya QA/QC Supervisor at 10:51 am, Aug 03, 2023

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Phone: (908) 789 8900 Fax: (908) 789 8922

LAB CHRONICLE

OrderID:	O3645	**OrderDate:**	7/17/2023 9:31:59 AM
Client:	LaBella Associates P.C.	**Project:**	Mackenna Parcels
Contact:	Andrew T. Benkleman	**Location:**	I11,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
O3645-01	**SB-02-(3-5)**	**SOIL**			**07/12/23**			**07/17/23**
			PCB Group1	8082A		07/18/23	07/18/23	
O3645-02	**SB-04-(1-5)**	**SOIL**			**07/12/23**			**07/17/23**
			PCB Group1	8082A		07/18/23	07/18/23	
O3645-03	**SB-07-(1-3)**	**SOIL**			**07/13/23**			**07/17/23**
			PCB Group1	8082A		07/18/23	07/18/23	
O3645-04	**SB-08-(0.5-2.0)**	**SOIL**			**07/13/23**			**07/17/23**
			PCB Group1	8082A		07/18/23	07/18/23	
O3645-05	**SB-09-(2.0-4.0)**	**SOIL**			**07/13/23**			**07/17/23**
			PCB Group1	8082A		07/18/23	07/18/23	
O3645-06	**SB-10-(0.5-2.0)**	**SOIL**			**07/13/23**			**07/17/23**
			PCB Group1	8082A		07/18/23	07/18/23	
O3645-07	**DUP**	**SOIL**			**07/12/23**			**07/17/23**
			PCB Group1	8082A		07/18/23	07/18/23	
O3645-08	**RINSATE-BLANK**	**WATER**			**07/12/23**			**07/17/23**
			PCB Group1	8082A		07/18/23	07/19/23	

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Hit Summary Sheet
SW-846

SDG No.: O3645 **Order ID:** O3645

Client: LaBella Associates P.C. **Project ID:** Mackenna Parcels

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :								
			Total Concentration:	0.000				

QC SUMMARY

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Surrogate Summary

SDG No.: O3645

Client: LaBella Associates P.C.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PQ061834.D	PIBLK-PQ061834.D	Tetrachloro-m-xylene	1	20	20.0	100		60	140
		Decachlorobiphenyl	1	20	20.9	105		60	140
		Tetrachloro-m-xylene	2	20	20.3	101		60	140
		Decachlorobiphenyl	2	20	20.5	102		60	140
I.BLK-PQ062334.D	PIBLK-PQ062334.D	Tetrachloro-m-xylene	1	20	15.0	75		60	140
		Decachlorobiphenyl	1	20	17.2	86		60	140
		Tetrachloro-m-xylene	2	20	17.7	89		60	140
		Decachlorobiphenyl	2	20	18.5	92		60	140
PB154254BL	PB154254BL	Tetrachloro-m-xylene	1	20	17.0	85		40	162
		Decachlorobiphenyl	1	20	19.4	97		32	176
		Tetrachloro-m-xylene	2	20	19.1	96		40	162
		Decachlorobiphenyl	2	20	20.4	102		32	176
PB154254BS	PB154254BS	Tetrachloro-m-xylene	1	20	16.9	84		40	162
		Decachlorobiphenyl	1	20	19.0	95		32	176
		Tetrachloro-m-xylene	2	20	18.2	91		40	162
		Decachlorobiphenyl	2	20	19.8	99		32	176
I.BLK-PQ062346.D	PIBLK-PQ062346.D	Tetrachloro-m-xylene	1	20	15.9	79		60	140
		Decachlorobiphenyl	1	20	17.1	85		60	140
		Tetrachloro-m-xylene	2	20	18.4	92		60	140
		Decachlorobiphenyl	2	20	18.0	90		60	140
O3645-01	SB-02-(3-5)	Tetrachloro-m-xylene	1	20	19.6	98		40	162
		Decachlorobiphenyl	1	20	20.4	102		32	176
		Tetrachloro-m-xylene	2	20	22.2	111		40	162
		Decachlorobiphenyl	2	20	21.9	110		32	176
O3645-02	SB-04-(1-5)	Tetrachloro-m-xylene	1	20	19.9	99		40	162
		Decachlorobiphenyl	1	20	19.6	98		32	176
		Tetrachloro-m-xylene	2	20	22.0	110		40	162
		Decachlorobiphenyl	2	20	20.5	102		32	176
O3645-03	SB-07-(1-3)	Tetrachloro-m-xylene	1	20	19.3	96		40	162
		Decachlorobiphenyl	1	20	19.1	95		32	176
		Tetrachloro-m-xylene	2	20	22.1	110		40	162
		Decachlorobiphenyl	2	20	20.4	102		32	176
O3645-04	SB-08-(0.5-2.0)	Tetrachloro-m-xylene	1	20	19.6	98		40	162
		Decachlorobiphenyl	1	20	16.6	83		32	176
		Tetrachloro-m-xylene	2	20	22.2	111		40	162
		Decachlorobiphenyl	2	20	17.5	87		32	176
O3645-05	SB-09-(2.0-4.0)	Tetrachloro-m-xylene	1	20	15.9	80		40	162
		Decachlorobiphenyl	1	20	10.8	54		32	176
		Tetrachloro-m-xylene	2	20	17.9	89		40	162
		Decachlorobiphenyl	2	20	11.0	55		32	176
O3645-06	SB-10-(0.5-2.0)	Tetrachloro-m-xylene	1	20	22.0	110		40	162
		Decachlorobiphenyl	1	20	20.5	103		32	176
		Tetrachloro-m-xylene	2	20	20.7	104		40	162

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Surrogate Summary

SDG No.: O3645

Client: LaBella Associates P.C.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
O3645-06	SB-10-(0.5-2.0)	Decachlorobiphenyl	2	20	20.8	104		32	176
O3645-07	DUP	Tetrachloro-m-xylene	1	20	15.8	79		40	162
		Decachlorobiphenyl	1	20	14.0	70		32	176
		Tetrachloro-m-xylene	2	20	18.2	91		40	162
		Decachlorobiphenyl	2	20	15.1	76		32	176
O3645-09MS	SB-04-(1-5)MS	Tetrachloro-m-xylene	1	20	18.7	93		40	162
		Decachlorobiphenyl	1	20	18.7	93		32	176
		Tetrachloro-m-xylene	2	20	20.3	102		40	162
		Decachlorobiphenyl	2	20	19.7	98		32	176
O3645-10MSD	SB-04-(1-5)MSD	Tetrachloro-m-xylene	1	20	18.9	94		40	162
		Decachlorobiphenyl	1	20	19.0	95		32	176
		Tetrachloro-m-xylene	2	20	20.3	101		40	162
		Decachlorobiphenyl	2	20	19.7	99		32	176
I.BLK-PQ062368.D	PIBLK-PQ062368.D	Tetrachloro-m-xylene	1	20	16.7	84		60	140
		Decachlorobiphenyl	1	20	18.3	92		60	140
		Tetrachloro-m-xylene	2	20	19.3	96		60	140
		Decachlorobiphenyl	2	20	19.7	98		60	140
PB154263BL	PB154263BL	Tetrachloro-m-xylene	1	20	17.1	86		21	155
		Decachlorobiphenyl	1	20	19.8	99		10	173
		Tetrachloro-m-xylene	2	20	19.5	98		21	155
		Decachlorobiphenyl	2	20	21.1	106		10	173
PB154263BS	PB154263BS	Tetrachloro-m-xylene	1	20	17.4	87		21	155
		Decachlorobiphenyl	1	20	19.8	99		10	173
		Tetrachloro-m-xylene	2	20	18.9	95		21	155
		Decachlorobiphenyl	2	20	20.6	103		10	173
PB154263BSD	PB154263BSD	Tetrachloro-m-xylene	1	20	17.2	86		21	155
		Decachlorobiphenyl	1	20	19.9	100		10	173
		Tetrachloro-m-xylene	2	20	18.5	93		21	155
		Decachlorobiphenyl	2	20	21.0	105		10	173
O3645-08	RINSATE-BLANK	Tetrachloro-m-xylene	1	20	17.0	85		21	155
		Decachlorobiphenyl	1	20	18.3	91		10	173
		Tetrachloro-m-xylene	2	20	19.7	98		21	155
		Decachlorobiphenyl	2	20	19.6	98		10	173
I.BLK-PQ062377.D	PIBLK-PQ062377.D	Tetrachloro-m-xylene	1	20	16.9	84		60	140
		Decachlorobiphenyl	1	20	19.1	96		60	140
		Tetrachloro-m-xylene	2	20	19.7	99		60	140
		Decachlorobiphenyl	2	20	20.3	102		60	140

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: O3645

Client: LaBella Associates P.C.

Analytical Method: 8082A **DataFile :** PQ062358.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**SB-04-(1-5)MS**											
O3645-09MS	AR1016	182.2	0	182	ug/kg	100				70	142	
	AR1260	182.2	0	183	ug/kg	100				50	147	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: O3645

Client: LaBella Associates P.C.

Analytical Method: 8082A **DataFile :** PQ062359.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**SB-04-(1-5)MSD**											
O3645-10MSD	AR1016	182.1	0	184	ug/kg	101		1		70	142	20
	AR1260	182.1	0	187	ug/kg	103		3		50	147	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: O3645

Client: LaBella Associates P.C.

Analytical Method: 8082A **Datafile :** PQ062336.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB154254BS	AR1016	166.7	143	ug/kg	86				71	120	
	AR1260	166.7	151	ug/kg	91				65	130	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: O3645

Client: LaBella Associates P.C.

Analytical Method: 8082A **Datafile :** PQ062371.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB154263BS	AR1016	5	4.40	ug/L	88				61	112	
	AR1260	5	4.60	ug/L	92				48	142	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: O3645

Client: LaBella Associates P.C.

Analytical Method: 8082A **Datafile :** PQ062372.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB154263BSD	AR1016	5	4.30	ug/L	86	2			61	112	20
	AR1260	5	4.60	ug/L	92	0			48	142	20

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB154254BL

Lab Name: CHEMTECH Contract: LABE01

Lab Code: CHEM Case No.: O3645 SAS No.: O3645 SDG NO.: O3645

Lab Sample ID: PB154254BL Lab File ID: PQ062335.D

Matrix: (soil/water) Solid Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N Date Extracted: 07/18/2023

Date Analyzed (1): 07/18/2023 Date Analyzed (2): 07/18/2023

Time Analyzed (1): 13:20 Time Analyzed (2): 13:20

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
PB154254BS	PB154254BS	PQ062336.D	07/18/2023	07/18/2023
SB-02-(3-5)	O3645-01	PQ062351.D	07/18/2023	07/18/2023
SB-04-(1-5)	O3645-02	PQ062352.D	07/18/2023	07/18/2023
SB-07-(1-3)	O3645-03	PQ062353.D	07/18/2023	07/18/2023
SB-08-(0.5-2.0)	O3645-04	PQ062354.D	07/18/2023	07/18/2023
SB-09-(2.0-4.0)	O3645-05	PQ062355.D	07/18/2023	07/18/2023
SB-10-(0.5-2.0)	O3645-06	PQ062356.D	07/18/2023	07/18/2023
DUP	O3645-07	PQ062357.D	07/18/2023	07/18/2023
SB-04-(1-5)MS	O3645-09MS	PQ062358.D	07/18/2023	07/18/2023
SB-04-(1-5)MSD	O3645-10MSD	PQ062359.D	07/18/2023	07/18/2023

COMMENTS:

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB154263BL

Lab Name: CHEMTECH Contract: LABE01

Lab Code: CHEM Case No.: O3645 SAS No.: O3645 SDG NO.: O3645

Lab Sample ID: PB154263BL Lab File ID: PQ062370.D

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

Sulfur Cleanup: (Y/N) N Date Extracted: 07/18/2023

Date Analyzed (1): 07/18/2023 Date Analyzed (2): 07/18/2023

Time Analyzed (1): 23:06 Time Analyzed (2): 23:06

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
PB154263BS	PB154263BS	PQ062371.D	07/18/2023	07/18/2023
PB154263BSD	PB154263BSD	PQ062372.D	07/18/2023	07/18/2023
RINSATE-BLANK	O3645-08	PQ062374.D	07/19/2023	07/19/2023

COMMENTS:

SAMPLE DATA

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	07/12/23
Project:	Mackenna Parcels	Date Received:	07/17/23
Client Sample ID:	SB-02-(3-5)	SDG No.:	O3645
Lab Sample ID:	O3645-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	86.3 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ062351.D	1	07/18/23 09:10	07/18/23 17:29	PB154254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	19.7	U	4.10	19.7	ug/kg
11104-28-2	Aroclor-1221	19.7	U	6.80	19.7	ug/kg
11141-16-5	Aroclor-1232	19.7	U	5.20	19.7	ug/kg
53469-21-9	Aroclor-1242	19.7	U	3.60	19.7	ug/kg
12672-29-6	Aroclor-1248	19.7	U	3.30	19.7	ug/kg
11097-69-1	Aroclor-1254	19.7	U	4.30	19.7	ug/kg
37324-23-5	Aroclor-1262	19.7	U	3.10	19.7	ug/kg
11100-14-4	Aroclor-1268	19.7	U	3.80	19.7	ug/kg
11096-82-5	Aroclor-1260	19.7	U	3.90	19.7	ug/kg
Total PCBs	Total PCBs	19.7	U	6.60	19.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.2		40 - 162	111%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.9		32 - 176	110%	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\PQ071823\
Data File : PQ062351.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 17:29
Operator : YP\AJ
Sample : 03645-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
SB-02-(3-5)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 02:49:33 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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...	3.401	2.755	95361324	55685185	19.548	22.193
2)	SA Decachlor...	8.584	7.526	74052690	72961632	20.385	21.896
	Target Compounds						

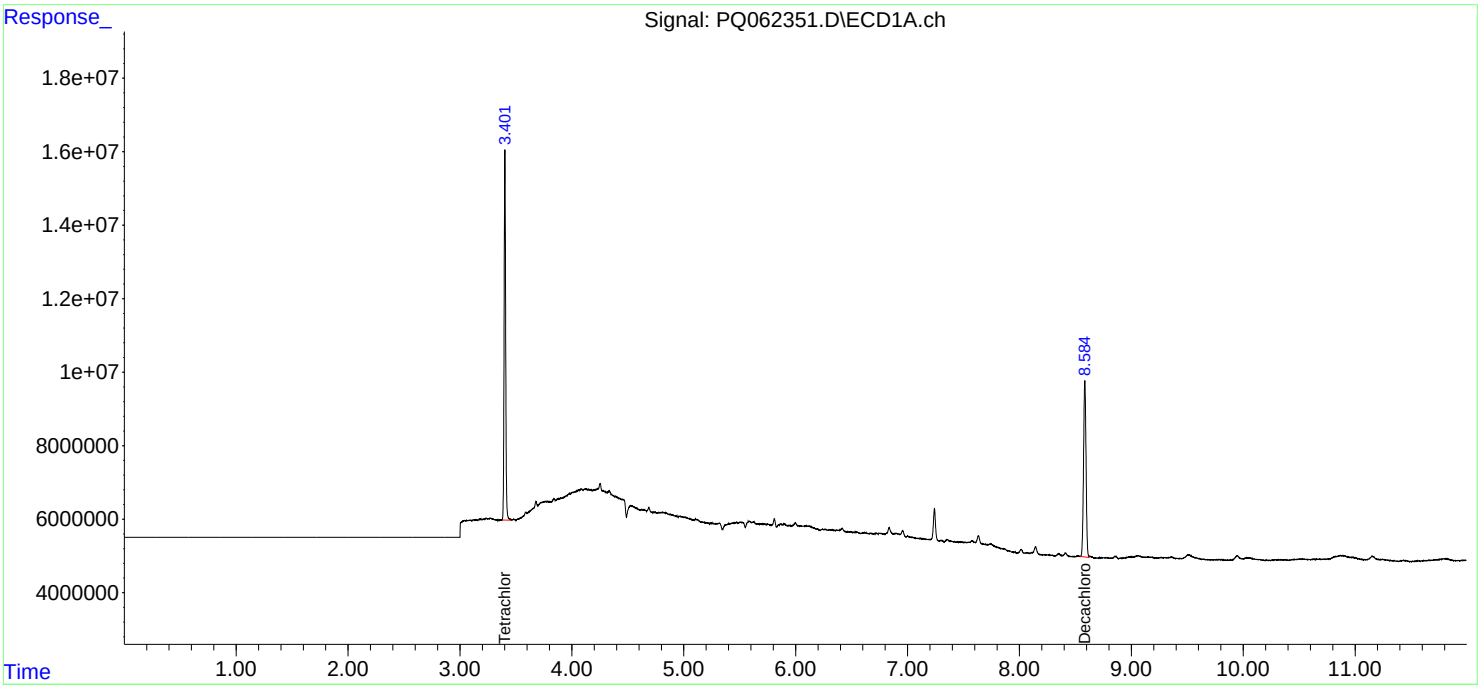
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

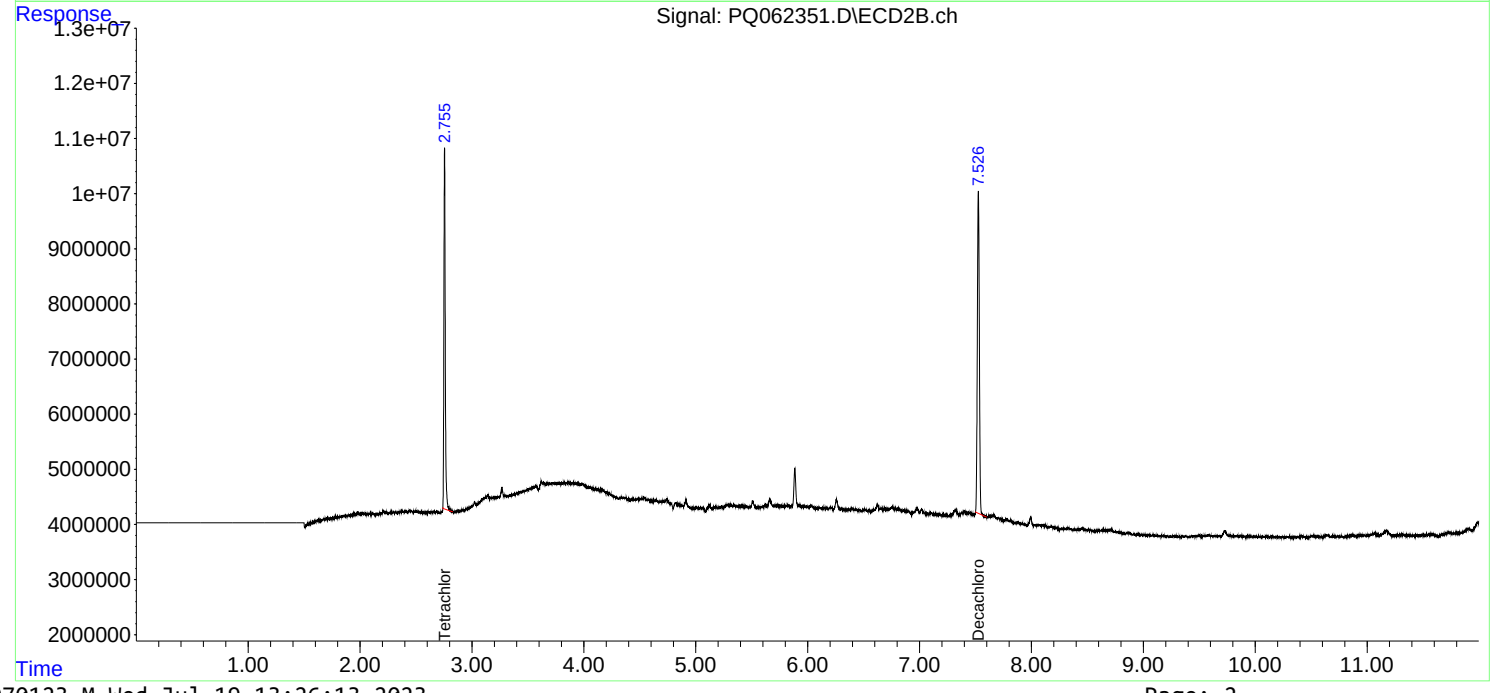
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071823\
Data File : PQ062351.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 17:29
Operator : YP\AJ
Sample : 03645-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

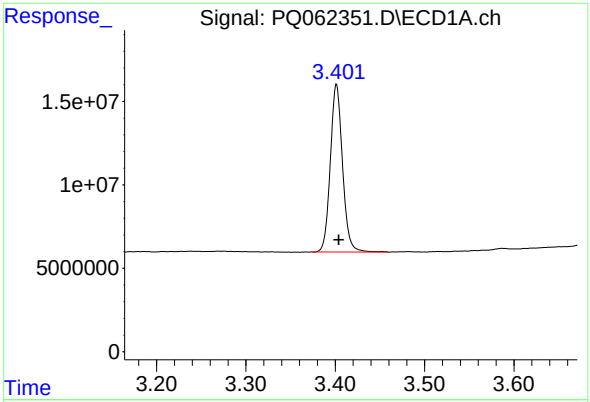
Instrument :
ECD_Q
ClientSampleId :
SB-02-(3-5)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 02:49:33 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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



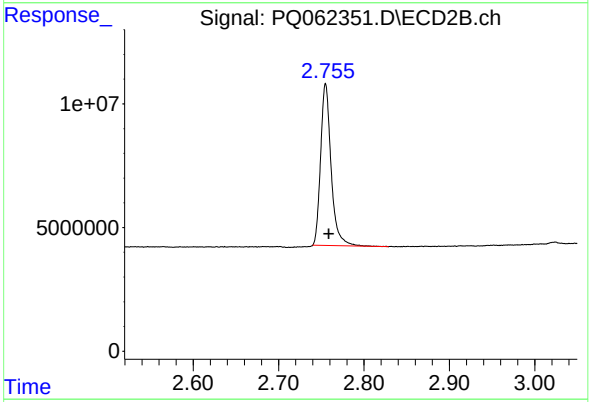




#1 Tetrachloro-m-xylene

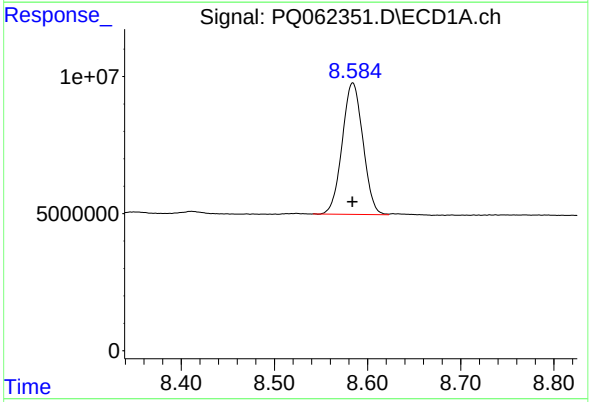
R.T.: 3.401 min
Delta R.T.: -0.003 min
Response: 95361324
Conc: 19.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-02-(3-5)



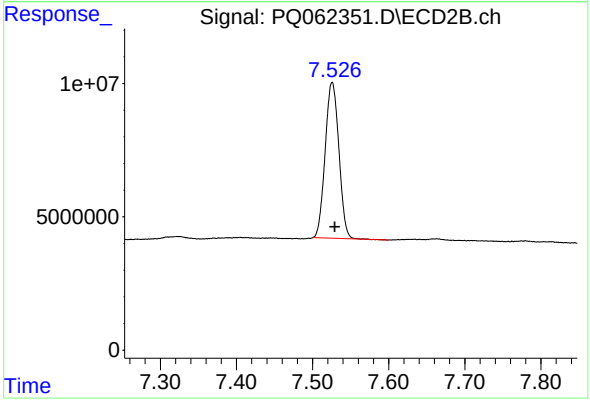
#1 Tetrachloro-m-xylene

R.T.: 2.755 min
Delta R.T.: -0.004 min
Response: 55685185
Conc: 22.19 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 74052690
Conc: 20.38 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.526 min
Delta R.T.: -0.004 min
Response: 72961632
Conc: 21.90 ng/ml

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	07/12/23
Project:	Mackenna Parcels	Date Received:	07/17/23
Client Sample ID:	SB-04-(1-5)	SDG No.:	O3645
Lab Sample ID:	O3645-02	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	91.3 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ062352.D	1	07/18/23 09:10	07/18/23 17:44	PB154254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	18.6	U	3.90	18.6	ug/kg
11104-28-2	Aroclor-1221	18.6	U	6.40	18.6	ug/kg
11141-16-5	Aroclor-1232	18.6	U	4.90	18.6	ug/kg
53469-21-9	Aroclor-1242	18.6	U	3.40	18.6	ug/kg
12672-29-6	Aroclor-1248	18.6	U	3.10	18.6	ug/kg
11097-69-1	Aroclor-1254	18.6	U	4.10	18.6	ug/kg
37324-23-5	Aroclor-1262	18.6	U	3.00	18.6	ug/kg
11100-14-4	Aroclor-1268	18.6	U	3.60	18.6	ug/kg
11096-82-5	Aroclor-1260	18.6	U	3.70	18.6	ug/kg
Total PCBs	Total PCBs	18.6	U	6.30	18.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.0		40 - 162	110%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.5		32 - 176	102%	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\PQ071823\
Data File : PQ062352.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 17:44
Operator : YP\AJ
Sample : 03645-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
SB-04-(1-5)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 04:18:04 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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...	3.402	2.755	96921223	55233946	19.868	22.013
2)	SA Decachlor...	8.583	7.526	71387257	68291991	19.651	20.495
	Target Compounds						

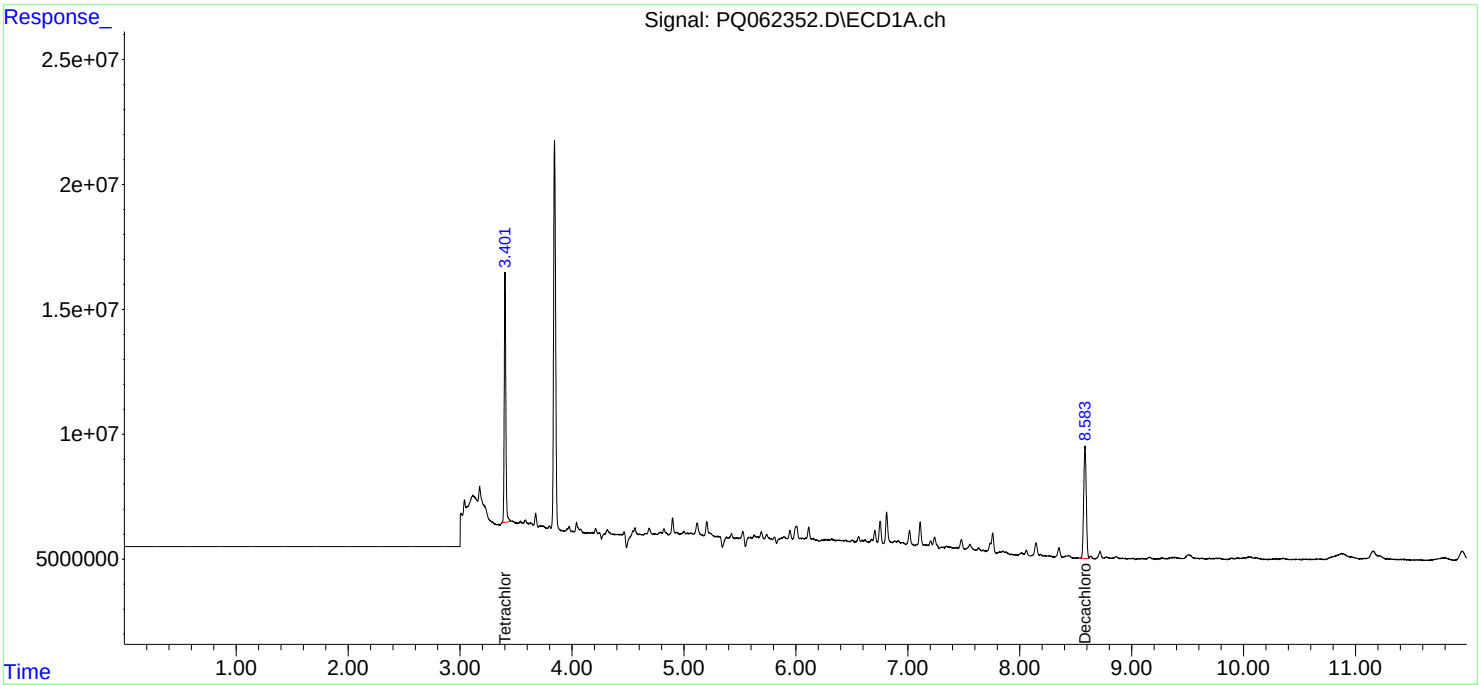
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

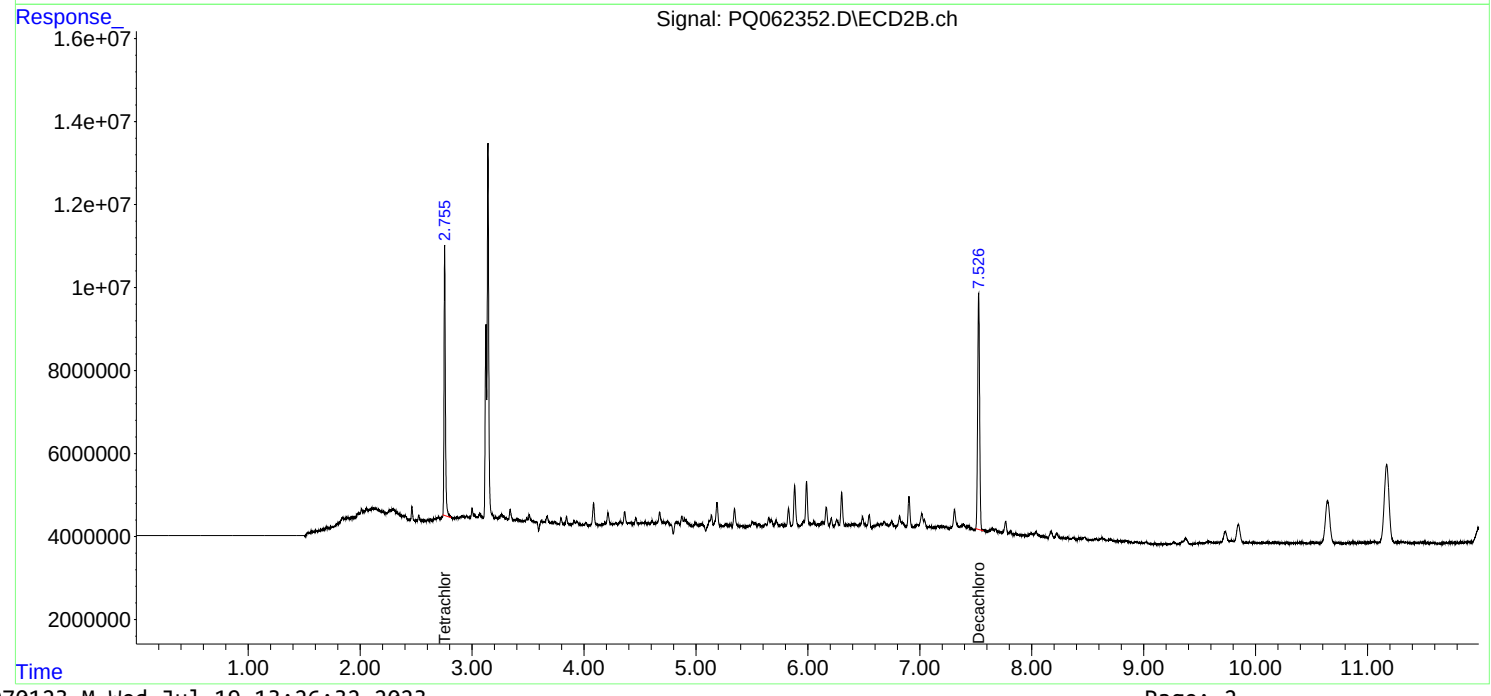
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071823\
Data File : PQ062352.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 17:44
Operator : YP\AJ
Sample : 03645-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

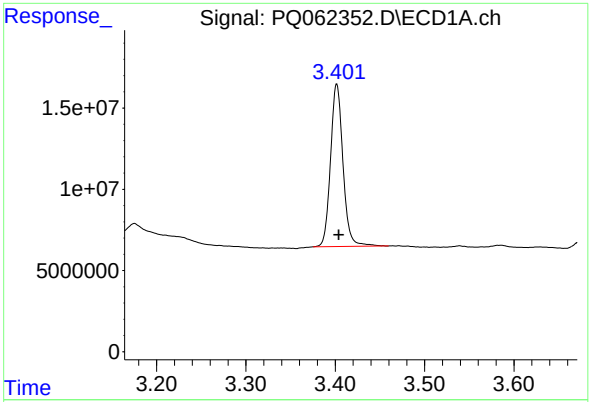
Instrument :
ECD_Q
ClientSampleId :
SB-04-(1-5)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 04:18:04 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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



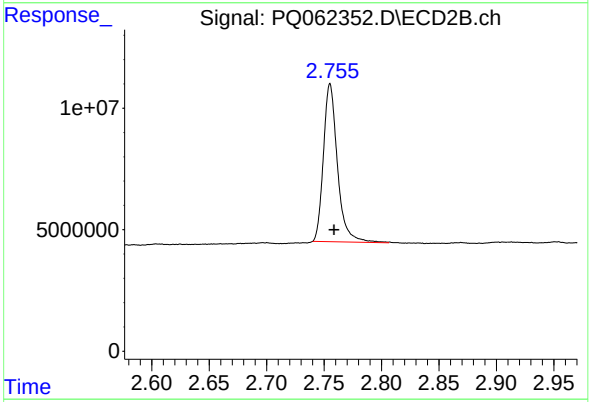




#1 Tetrachloro-m-xylene

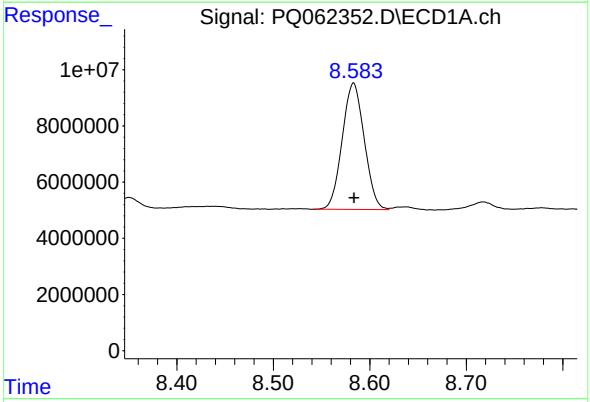
R.T.: 3.402 min
Delta R.T.: -0.002 min
Response: 96921223
Conc: 19.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-04-(1-5)



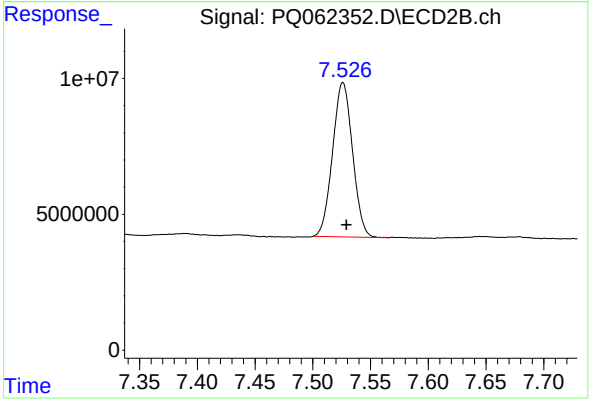
#1 Tetrachloro-m-xylene

R.T.: 2.755 min
Delta R.T.: -0.003 min
Response: 55233946
Conc: 22.01 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 71387257
Conc: 19.65 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.526 min
Delta R.T.: -0.003 min
Response: 68291991
Conc: 20.49 ng/ml

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	07/13/23
Project:	Mackenna Parcels	Date Received:	07/17/23
Client Sample ID:	SB-07-(1-3)	SDG No.:	O3645
Lab Sample ID:	O3645-03	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	79.5 Decanted:
Sample Wt/Vol:	30.09 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ062353.D	1	07/18/23 09:10	07/18/23 17:58	PB154254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	21.3	U	4.50	21.3	ug/kg
11104-28-2	Aroclor-1221	21.3	U	7.40	21.3	ug/kg
11141-16-5	Aroclor-1232	21.3	U	5.70	21.3	ug/kg
53469-21-9	Aroclor-1242	21.3	U	3.90	21.3	ug/kg
12672-29-6	Aroclor-1248	21.3	U	3.50	21.3	ug/kg
11097-69-1	Aroclor-1254	21.3	U	4.70	21.3	ug/kg
37324-23-5	Aroclor-1262	21.3	U	3.40	21.3	ug/kg
11100-14-4	Aroclor-1268	21.3	U	4.10	21.3	ug/kg
11096-82-5	Aroclor-1260	21.3	U	4.20	21.3	ug/kg
Total PCBs	Total PCBs	21.3	U	7.20	21.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.1		40 - 162	110%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.4		32 - 176	102%	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\PQ071823\
Data File : PQ062353.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 17:58
Operator : YP\AJ
Sample : 03645-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
SB-07-(1-3)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 02:51:21 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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...	3.402	2.756	94115387	55372468	19.293	22.069
2)	SA Decachlor...	8.584	7.526	69247849	67829508	19.062	20.356
	Target Compounds						

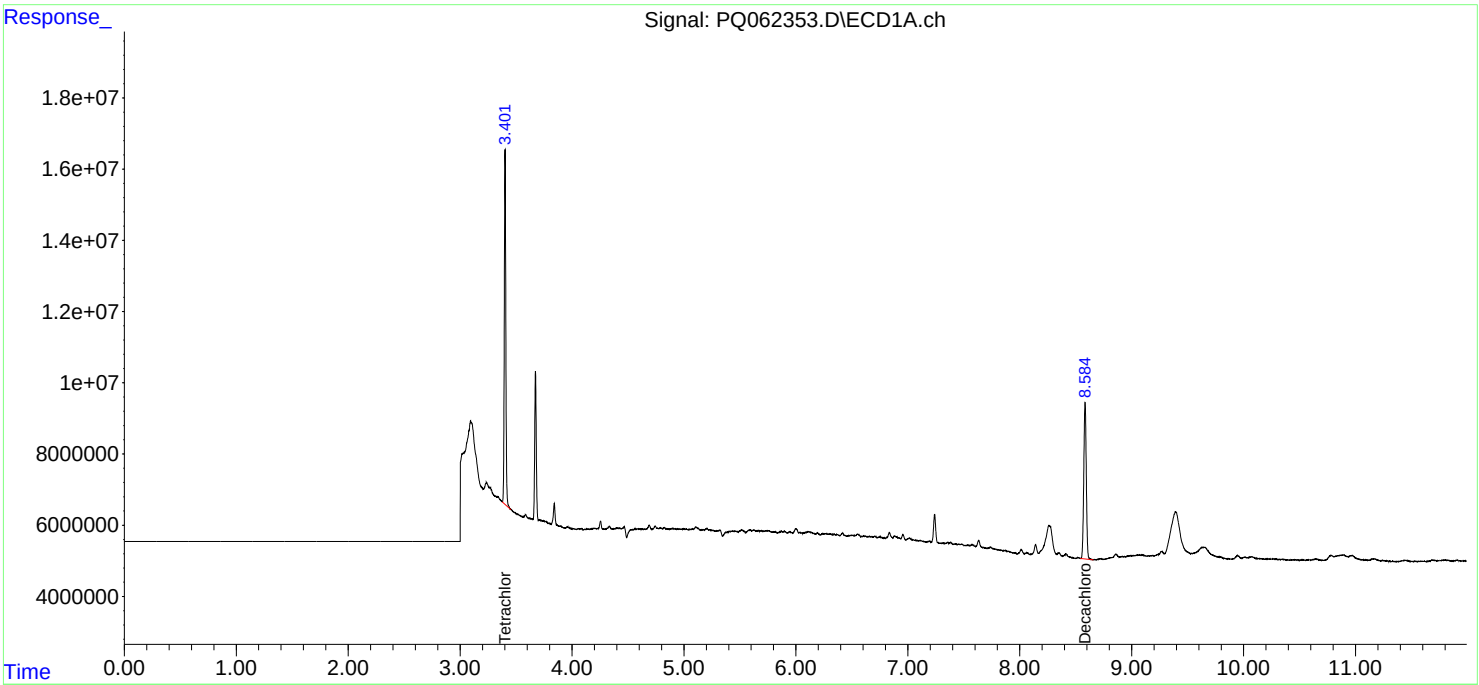
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

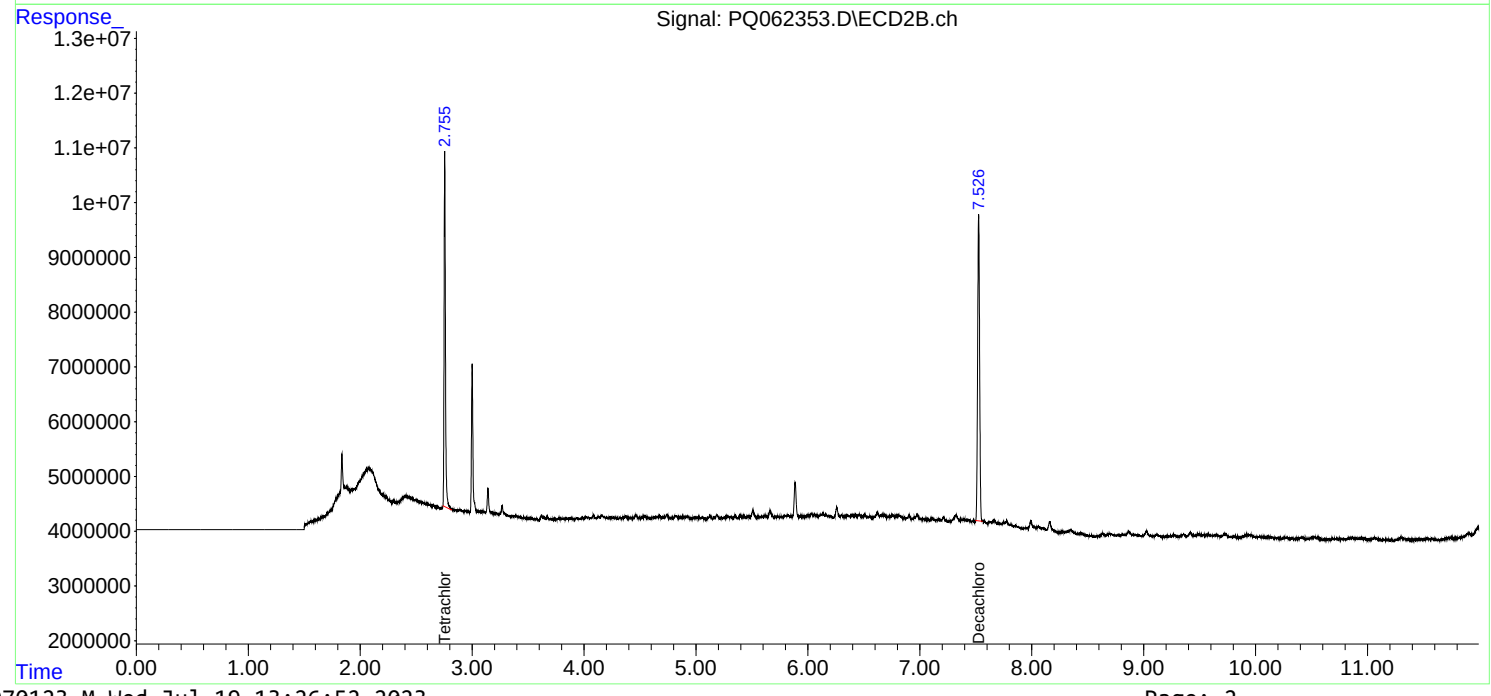
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071823\
Data File : PQ062353.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 17:58
Operator : YP\AJ
Sample : 03645-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

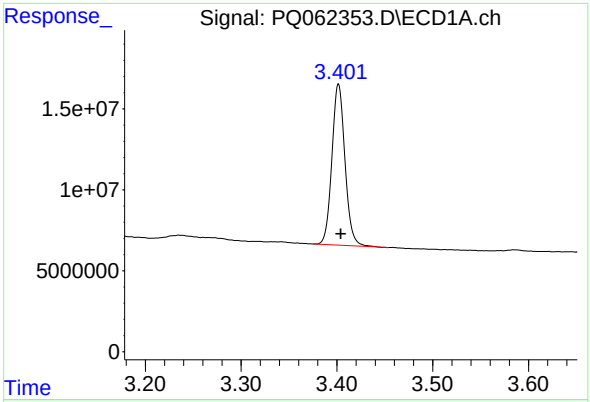
Instrument :
ECD_Q
ClientSampleId :
SB-07-(1-3)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 02:51:21 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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



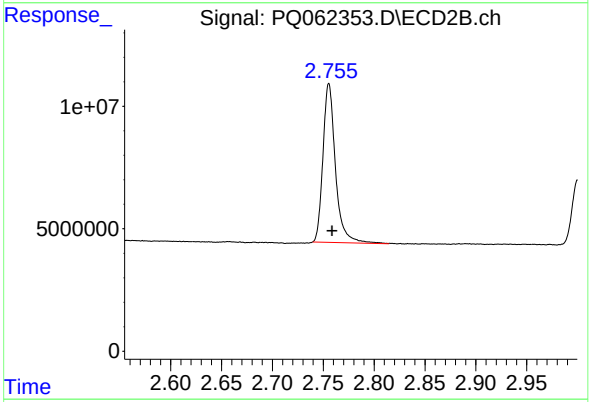




#1 Tetrachloro-m-xylene

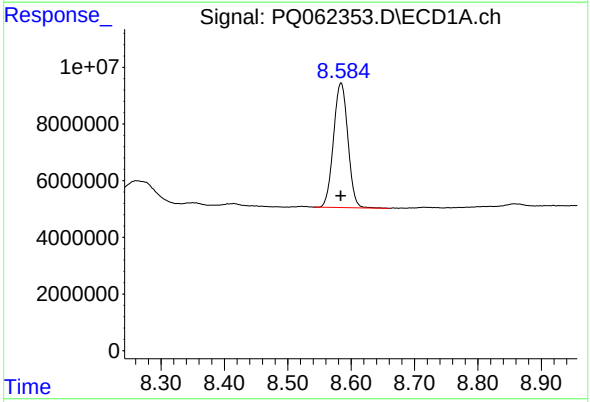
R.T.: 3.402 min
Delta R.T.: -0.002 min
Response: 94115387
Conc: 19.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-07-(1-3)



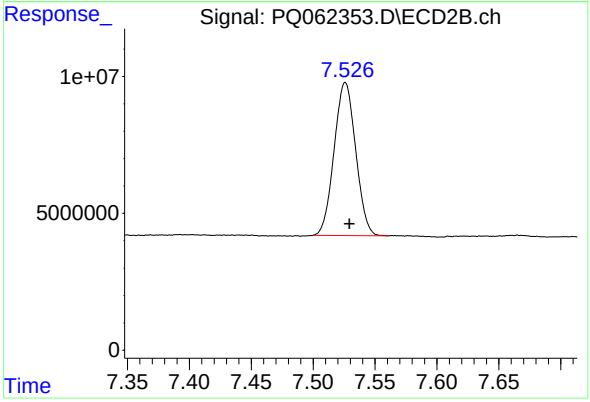
#1 Tetrachloro-m-xylene

R.T.: 2.756 min
Delta R.T.: -0.003 min
Response: 55372468
Conc: 22.07 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 69247849
Conc: 19.06 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.526 min
Delta R.T.: -0.003 min
Response: 67829508
Conc: 20.36 ng/ml

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	07/13/23
Project:	Mackenna Parcels	Date Received:	07/17/23
Client Sample ID:	SB-08-(0.5-2.0)	SDG No.:	O3645
Lab Sample ID:	O3645-04	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	74.6 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ062354.D	1	07/18/23 09:10	07/18/23 18:13	PB154254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	22.8	U	4.80	22.8	ug/kg
11104-28-2	Aroclor-1221	22.8	U	7.90	22.8	ug/kg
11141-16-5	Aroclor-1232	22.8	U	6.10	22.8	ug/kg
53469-21-9	Aroclor-1242	22.8	U	4.20	22.8	ug/kg
12672-29-6	Aroclor-1248	22.8	U	3.80	22.8	ug/kg
11097-69-1	Aroclor-1254	22.8	U	5.00	22.8	ug/kg
37324-23-5	Aroclor-1262	22.8	U	3.60	22.8	ug/kg
11100-14-4	Aroclor-1268	22.8	U	4.40	22.8	ug/kg
11096-82-5	Aroclor-1260	22.8	U	4.50	22.8	ug/kg
Total PCBs	Total PCBs	22.8	U	7.70	22.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.2		40 - 162	111%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.5		32 - 176	87%	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\PQ071823\
Data File : PQ062354.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 18:13
Operator : YP\AJ
Sample : 03645-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
SB-08-(0.5-2.0)

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 02:51:55 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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...	3.402	2.755	95642513	55669496	19.606	22.187m
2)	SA Decachlor...	8.583	7.525	60148674	58216077	16.557	17.471
	Target Compounds						

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

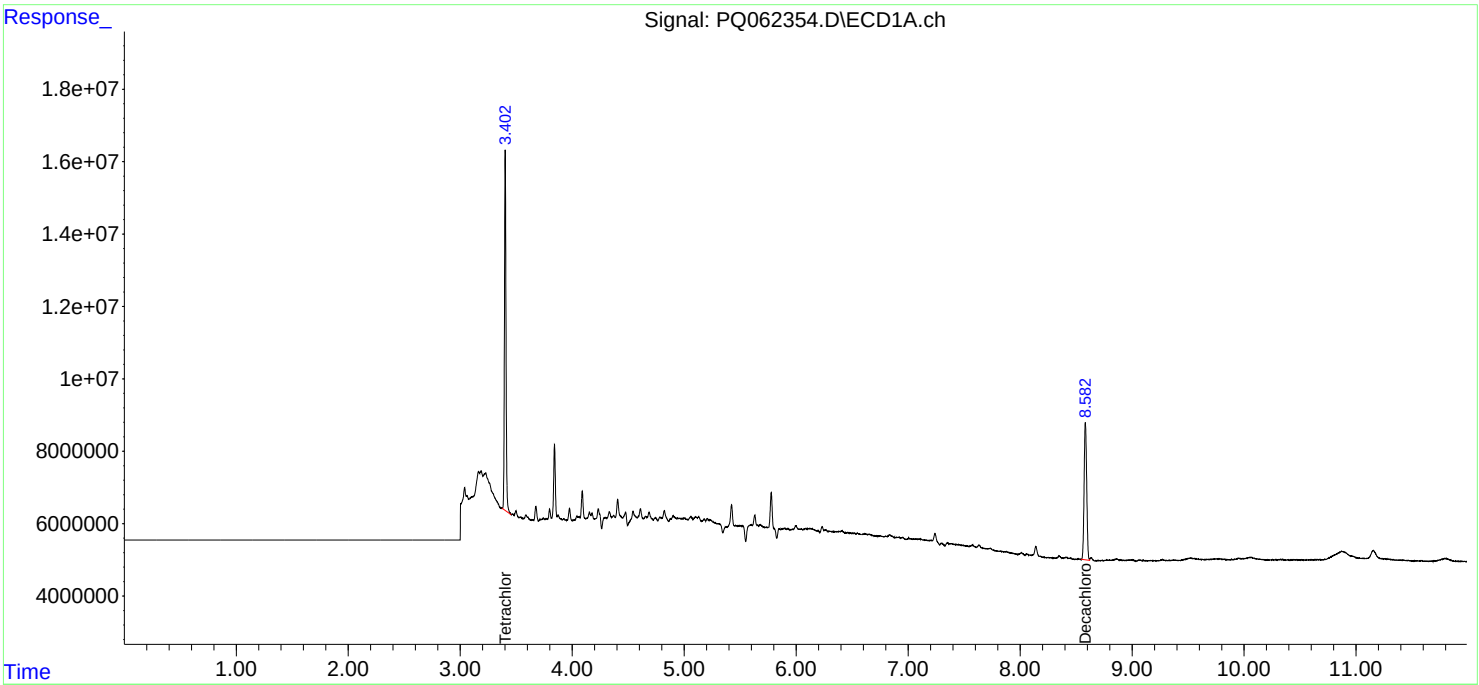
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071823\
Data File : PQ062354.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 18:13
Operator : YP\AJ
Sample : 03645-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

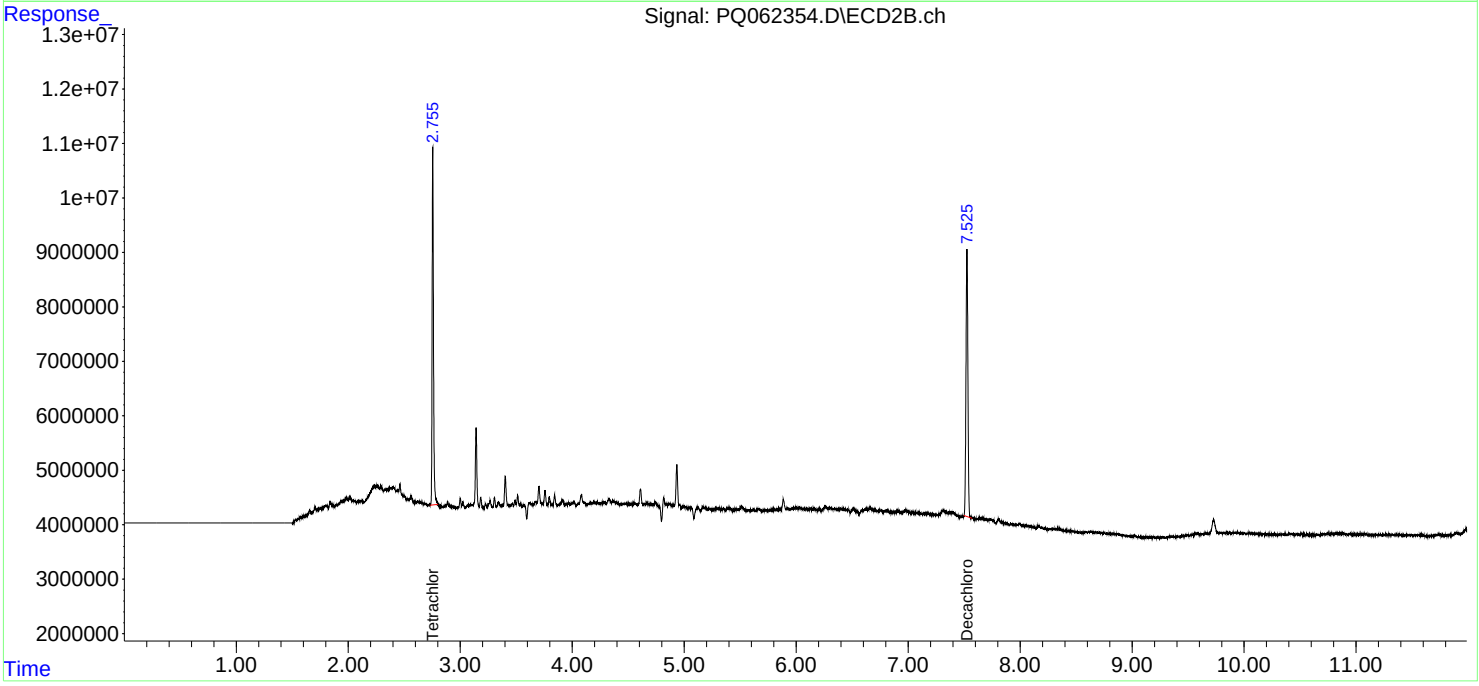
Instrument :
ECD_Q
ClientSampleId :
SB-08-(0.5-2.0)

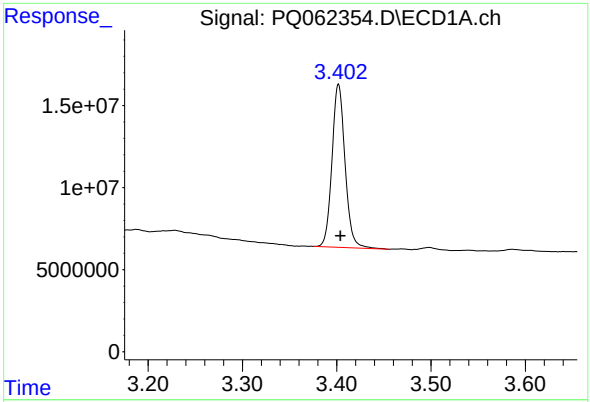
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 02:51:55 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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







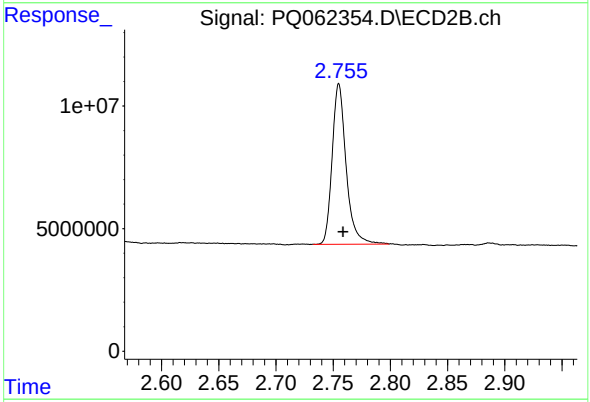
#1 Tetrachloro-m-xylene

R.T.: 3.402 min
Delta R.T.: -0.002 min
Response: 95642513
Conc: 19.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-08-(0.5-2.0)

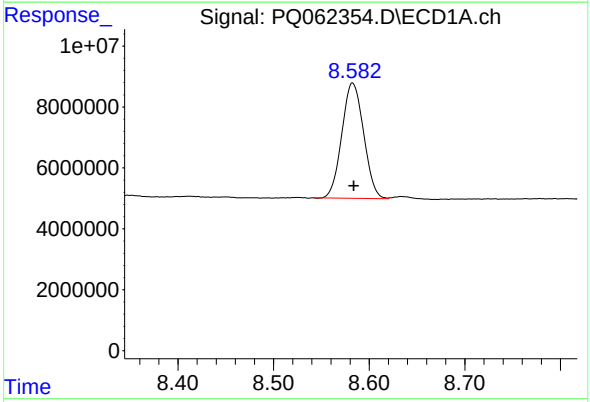
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023



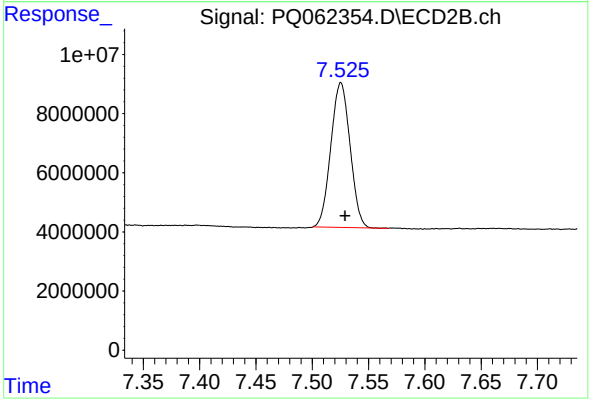
#1 Tetrachloro-m-xylene

R.T.: 2.755 min
Delta R.T.: -0.004 min
Response: 55669496
Conc: 22.19 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 60148674
Conc: 16.56 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.525 min
Delta R.T.: -0.004 min
Response: 58216077
Conc: 17.47 ng/ml

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	07/13/23
Project:	Mackenna Parcels	Date Received:	07/17/23
Client Sample ID:	SB-09-(2.0-4.0)	SDG No.:	O3645
Lab Sample ID:	O3645-05	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	79.4 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ062355.D	1	07/18/23 09:10	07/18/23 18:28	PB154254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	21.4	U	4.50	21.4	ug/kg
11104-28-2	Aroclor-1221	21.4	U	7.40	21.4	ug/kg
11141-16-5	Aroclor-1232	21.4	U	5.70	21.4	ug/kg
53469-21-9	Aroclor-1242	21.4	U	3.90	21.4	ug/kg
12672-29-6	Aroclor-1248	21.4	U	3.50	21.4	ug/kg
11097-69-1	Aroclor-1254	21.4	U	4.70	21.4	ug/kg
37324-23-5	Aroclor-1262	21.4	U	3.40	21.4	ug/kg
11100-14-4	Aroclor-1268	21.4	U	4.10	21.4	ug/kg
11096-82-5	Aroclor-1260	21.4	U	4.20	21.4	ug/kg
Total PCBs	Total PCBs	21.4	U	7.20	21.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.9		40 - 162	89%	SPK: 20
2051-24-3	Decachlorobiphenyl	11.0		32 - 176	55%	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\PQ071823\
Data File : PQ062355.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 18:28
Operator : YP\AJ
Sample : 03645-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
SB-09-(2.0-4.0)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 02:52:28 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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...	3.402	2.755	77589493	44843065	15.905	17.872
2)	SA Decachlor...	8.583	7.525	39039733	36628773	10.747	10.992
	Target Compounds						

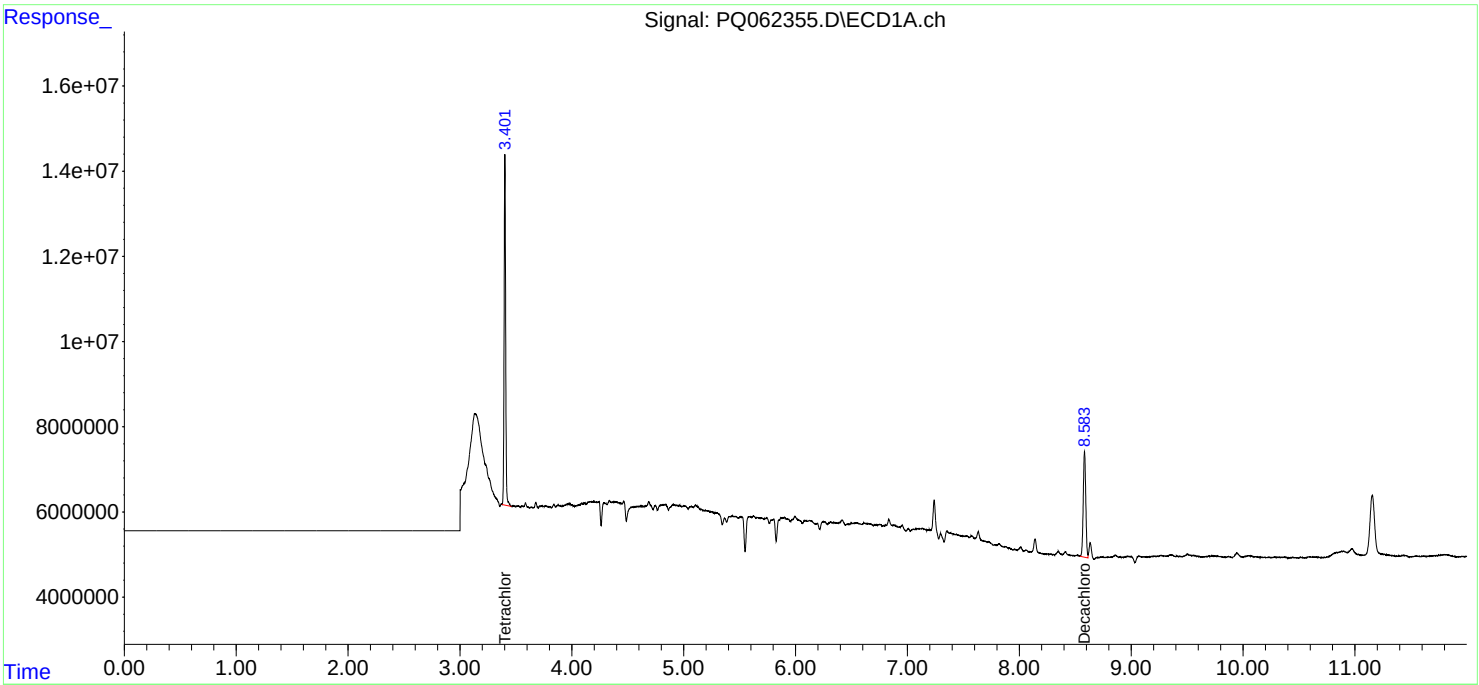
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

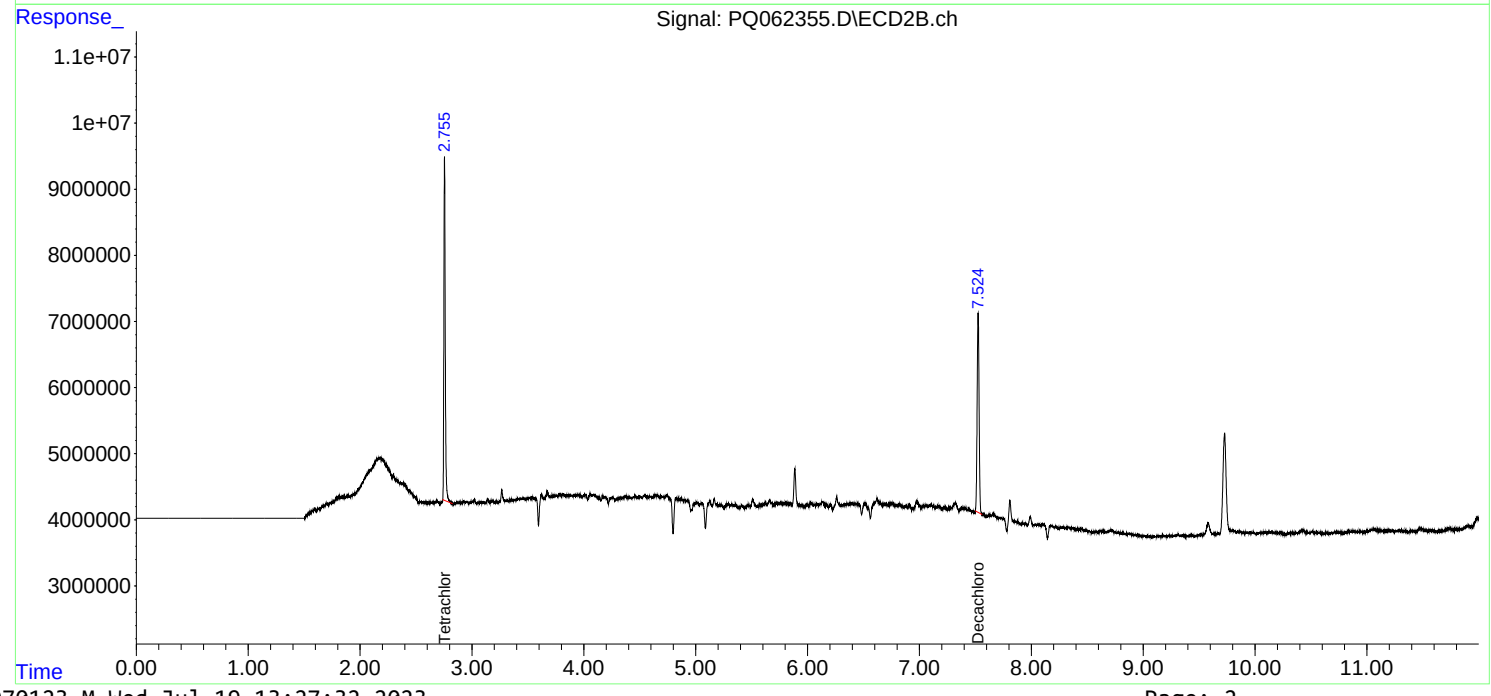
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071823\
Data File : PQ062355.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 18:28
Operator : YP\AJ
Sample : 03645-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

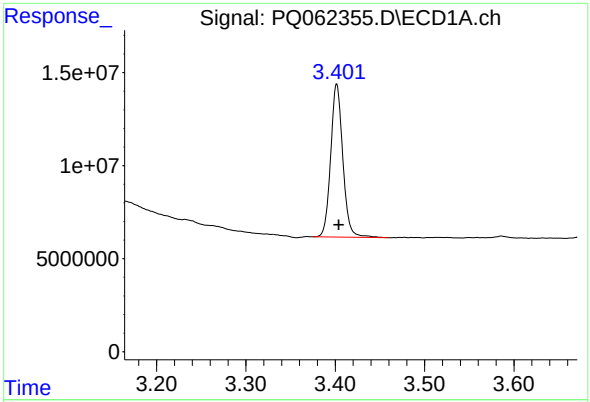
Instrument :
ECD_Q
ClientSampleId :
SB-09-(2.0-4.0)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 02:52:28 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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



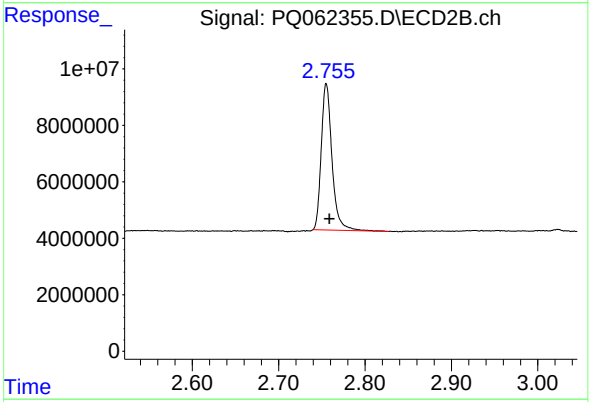




#1 Tetrachloro-m-xylene

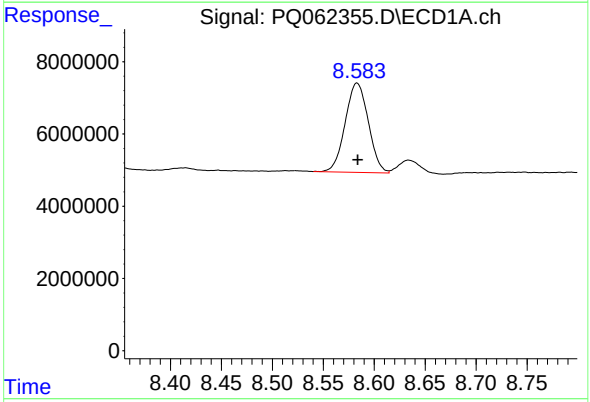
R.T.: 3.402 min
Delta R.T.: -0.002 min
Response: 77589493
Conc: 15.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-09-(2.0-4.0)



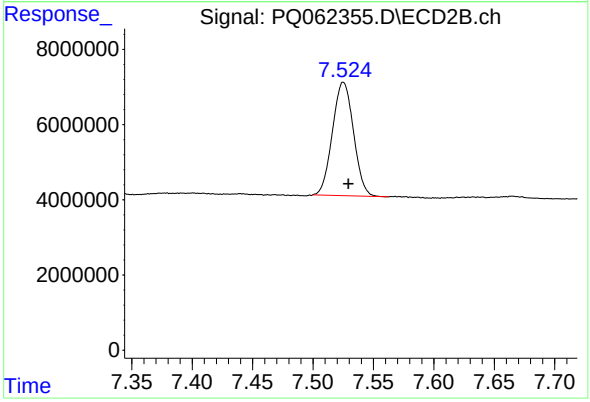
#1 Tetrachloro-m-xylene

R.T.: 2.755 min
Delta R.T.: -0.003 min
Response: 44843065
Conc: 17.87 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 39039733
Conc: 10.75 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.525 min
Delta R.T.: -0.004 min
Response: 36628773
Conc: 10.99 ng/ml

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	07/13/23
Project:	Mackenna Parcels	Date Received:	07/17/23
Client Sample ID:	SB-10-(0.5-2.0)	SDG No.:	O3645
Lab Sample ID:	O3645-06	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	83.3 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ062356.D	1	07/18/23 09:10	07/18/23 18:42	PB154254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	20.4	U	4.30	20.4	ug/kg
11104-28-2	Aroclor-1221	20.4	U	7.00	20.4	ug/kg
11141-16-5	Aroclor-1232	20.4	U	5.40	20.4	ug/kg
53469-21-9	Aroclor-1242	20.4	U	3.70	20.4	ug/kg
12672-29-6	Aroclor-1248	20.4	U	3.40	20.4	ug/kg
11097-69-1	Aroclor-1254	20.4	U	4.50	20.4	ug/kg
37324-23-5	Aroclor-1262	20.4	U	3.30	20.4	ug/kg
11100-14-4	Aroclor-1268	20.4	U	4.00	20.4	ug/kg
11096-82-5	Aroclor-1260	20.4	U	4.00	20.4	ug/kg
Total PCBs	Total PCBs	20.4	U	6.90	20.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.0		40 - 162	110%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.8		32 - 176	104%	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\PQ071823\
Data File : PQ062356.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 18:42
Operator : YP\AJ
Sample : 03645-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
SB-10-(0.5-2.0)

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 02:52:59 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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...	3.401	2.755	107.3E6	51986201	21.998m	20.719
2)	SA Decachlor...	8.583	7.524	74581083	69331280	20.530m	20.807m
	Target Compounds						

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

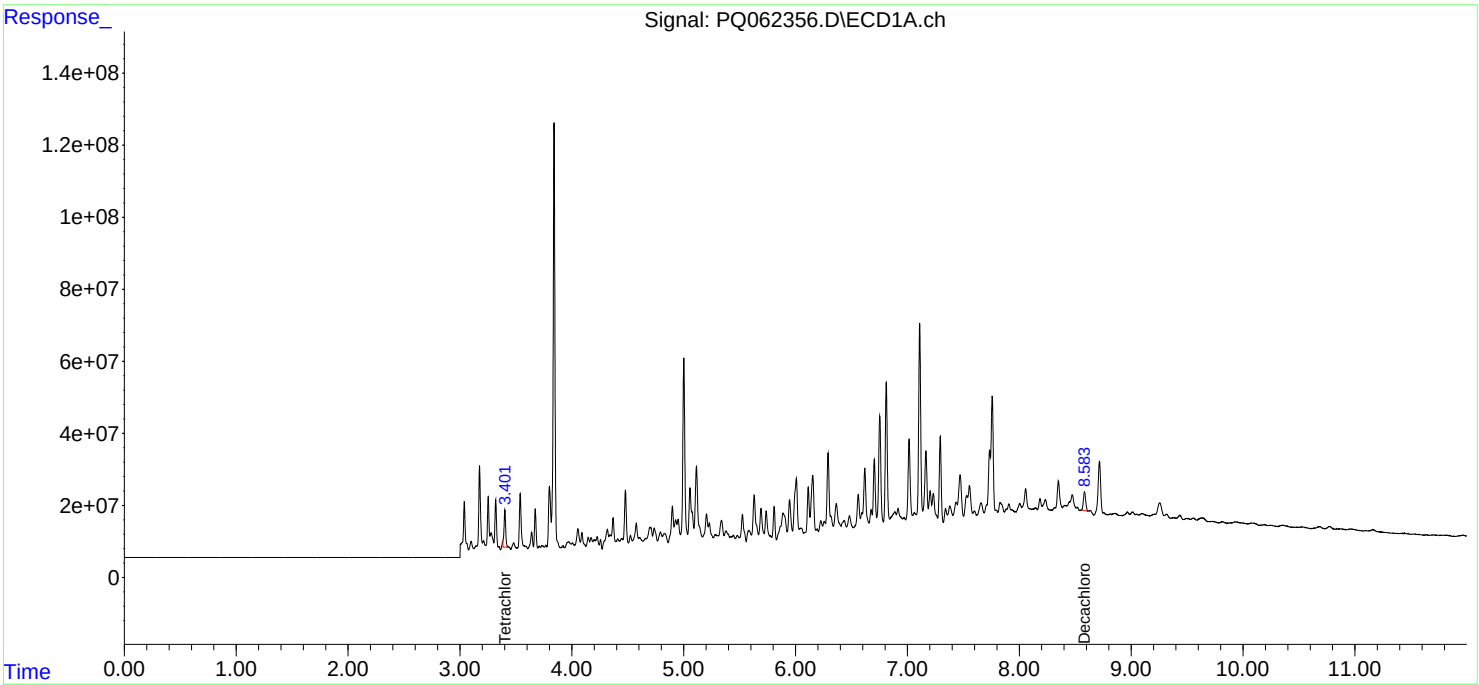
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071823\
Data File : PQ062356.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 18:42
Operator : YP\AJ
Sample : 03645-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

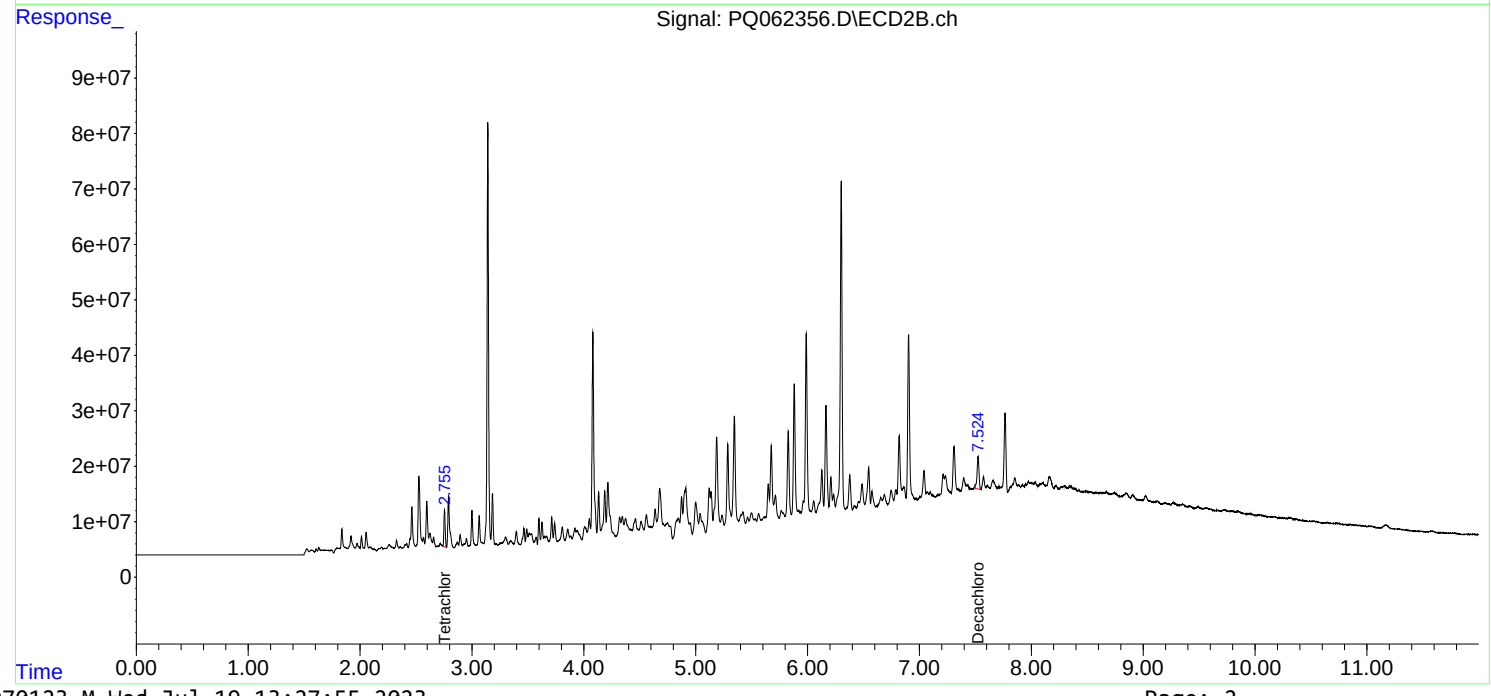
Instrument :
ECD_Q
ClientSampleId :
SB-10-(0.5-2.0)

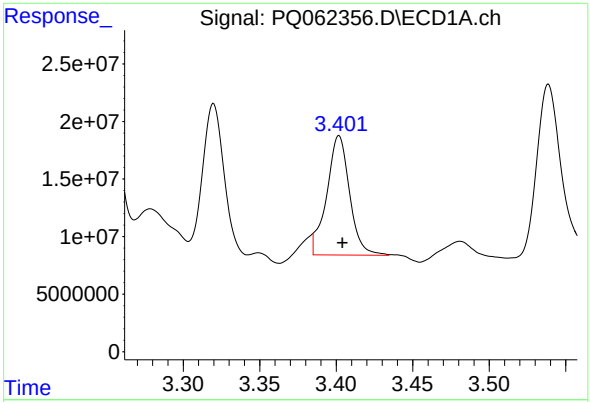
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 02:52:59 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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







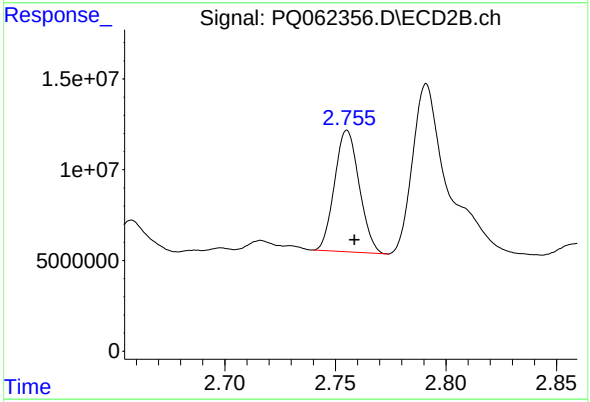
#1 Tetrachloro-m-xylene

R.T.: 3.401 min
Delta R.T.: -0.003 min
Response: 107308706
Conc: 22.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-10-(0.5-2.0)

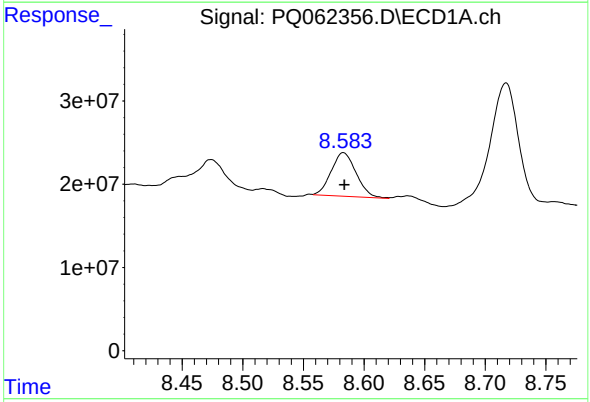
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023



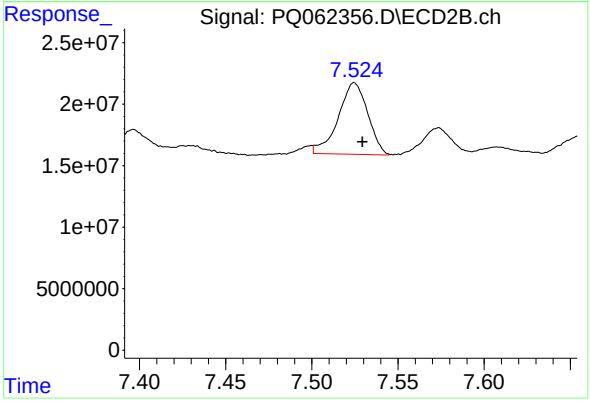
#1 Tetrachloro-m-xylene

R.T.: 2.755 min
Delta R.T.: -0.003 min
Response: 51986201
Conc: 20.72 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: -0.001 min
Response: 74581083
Conc: 20.53 ng/ml m



#2 Decachlorobiphenyl

R.T.: 7.524 min
Delta R.T.: -0.005 min
Response: 69331280
Conc: 20.81 ng/ml m

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	07/12/23
Project:	Mackenna Parcels	Date Received:	07/17/23
Client Sample ID:	DUP	SDG No.:	O3645
Lab Sample ID:	O3645-07	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	80.8 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ062357.D	1	07/18/23 09:10	07/18/23 18:57	PB154254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	21.0	U	4.40	21.0	ug/kg
11104-28-2	Aroclor-1221	21.0	U	7.30	21.0	ug/kg
11141-16-5	Aroclor-1232	21.0	U	5.60	21.0	ug/kg
53469-21-9	Aroclor-1242	21.0	U	3.90	21.0	ug/kg
12672-29-6	Aroclor-1248	21.0	U	3.50	21.0	ug/kg
11097-69-1	Aroclor-1254	21.0	U	4.60	21.0	ug/kg
37324-23-5	Aroclor-1262	21.0	U	3.40	21.0	ug/kg
11100-14-4	Aroclor-1268	21.0	U	4.10	21.0	ug/kg
11096-82-5	Aroclor-1260	21.0	U	4.10	21.0	ug/kg
Total PCBs	Total PCBs	21.0	U	7.10	21.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.2		40 - 162	91%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.1		32 - 176	76%	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\PQ071823\
Data File : PQ062357.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 18:57
Operator : YP\AJ
Sample : 03645-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
DUP

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 02:53:32 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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...	3.401	2.755	77126258	45759381	15.810	18.237
2)	SA Decachlor...	8.583	7.525	50794017	50379558	13.982	15.119
	Target Compounds						

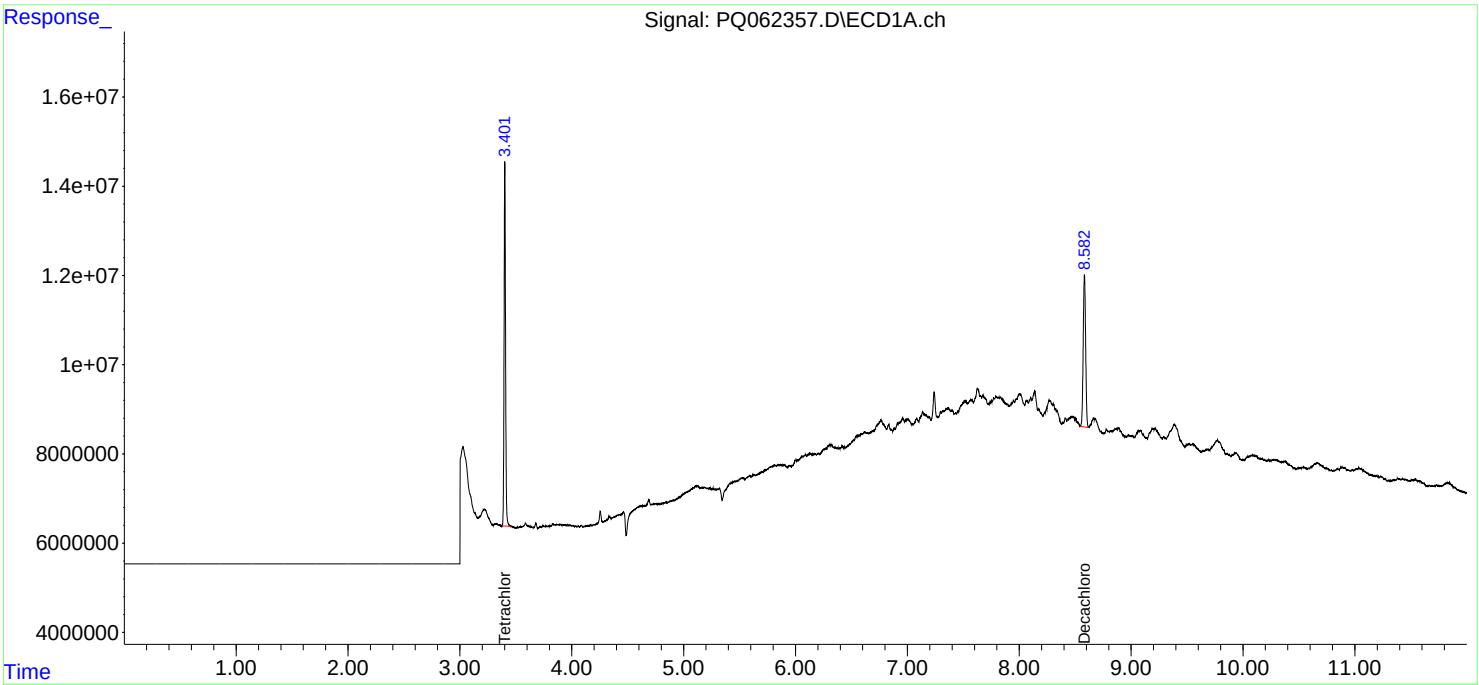
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

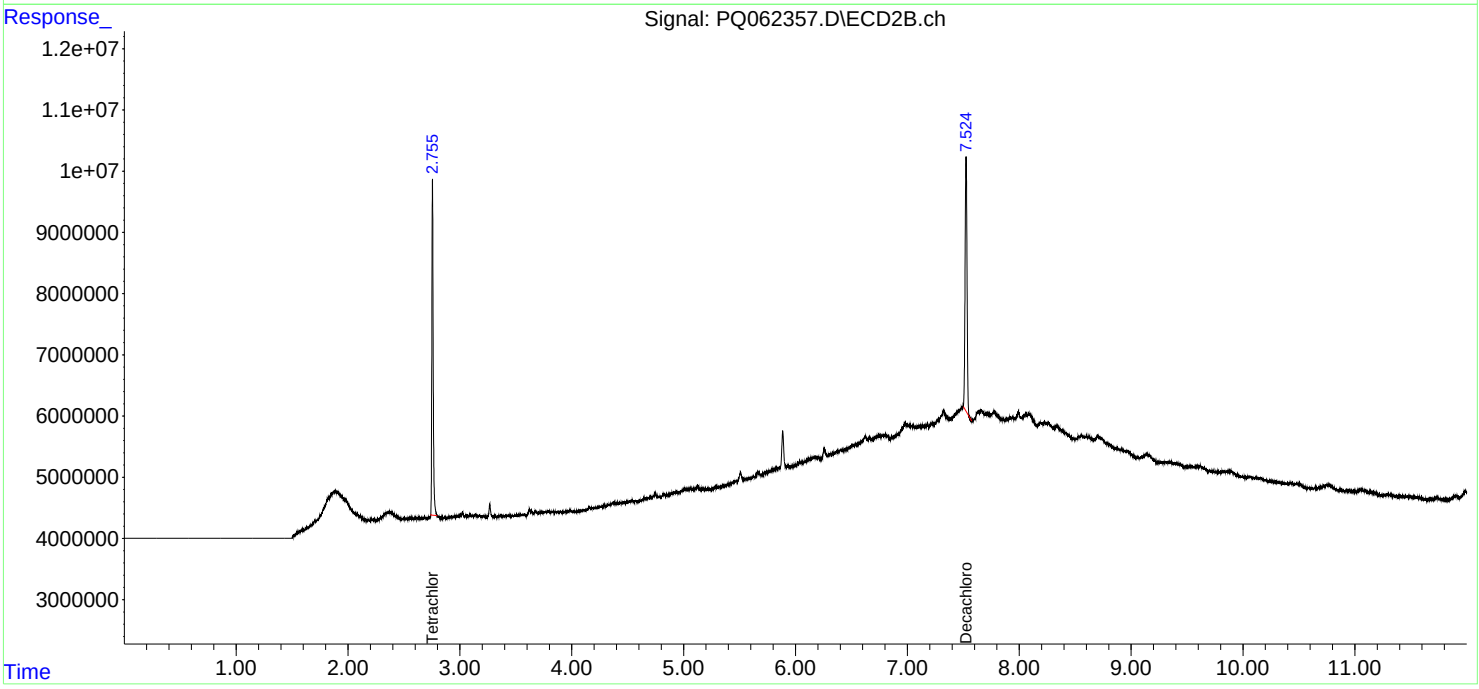
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071823\
Data File : PQ062357.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 18:57
Operator : YP\AJ
Sample : 03645-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

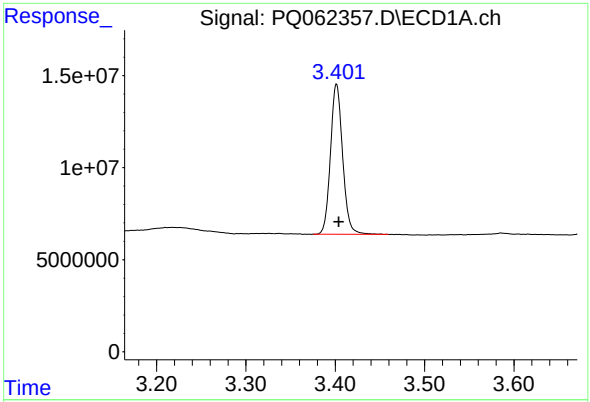
Instrument :
ECD_Q
ClientSampleId :
DUP

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 02:53:32 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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



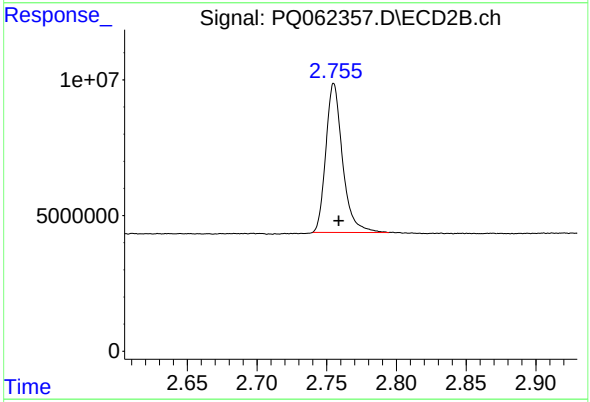




#1 Tetrachloro-m-xylene

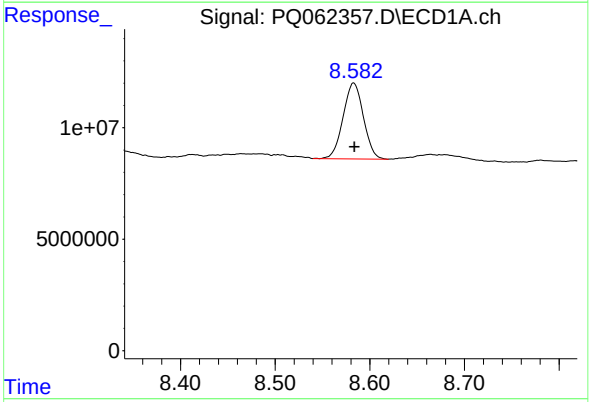
R.T.: 3.401 min
Delta R.T.: -0.003 min
Response: 77126258
Conc: 15.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DUP



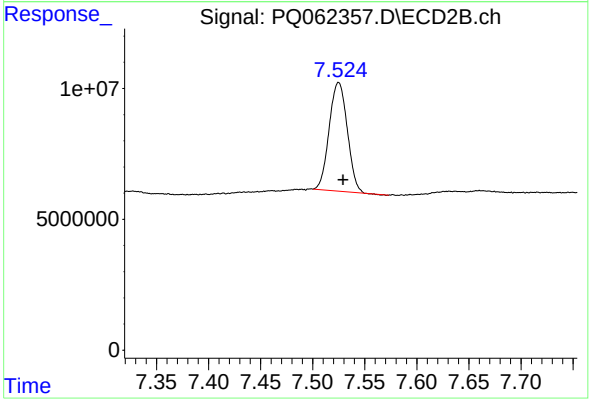
#1 Tetrachloro-m-xylene

R.T.: 2.755 min
Delta R.T.: -0.004 min
Response: 45759381
Conc: 18.24 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 50794017
Conc: 13.98 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.525 min
Delta R.T.: -0.004 min
Response: 50379558
Conc: 15.12 ng/ml

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	07/12/23
Project:	Mackenna Parcels	Date Received:	07/17/23
Client Sample ID:	RINSATE-BLANK	SDG No.:	O3645
Lab Sample ID:	O3645-08	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ062374.D	1	07/18/23 08:50	07/19/23 00:04	PB154263

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.50	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.22	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.18	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.18	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.16	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.13	0.50	ug/L
11096-82-5	Aroclor-1260	0.50	U	0.16	0.50	ug/L
Total PCBs	Total PCBs	0.50	U	0.22	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.7		21 - 155	98%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071823\
Data File : PQ062374.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jul 2023 00:04
Operator : YP\AJ
Sample : 03645-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
RINSATE-BLANK

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 03:01:54 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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...	3.402	2.755	82892408	49381002	16.992	19.681m
2)	SA Decachlor...	8.580	7.523	66445188	65403715	18.291	19.628m
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071823\
Data File : PQ062374.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jul 2023 00:04
Operator : YP\AJ
Sample : 03645-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

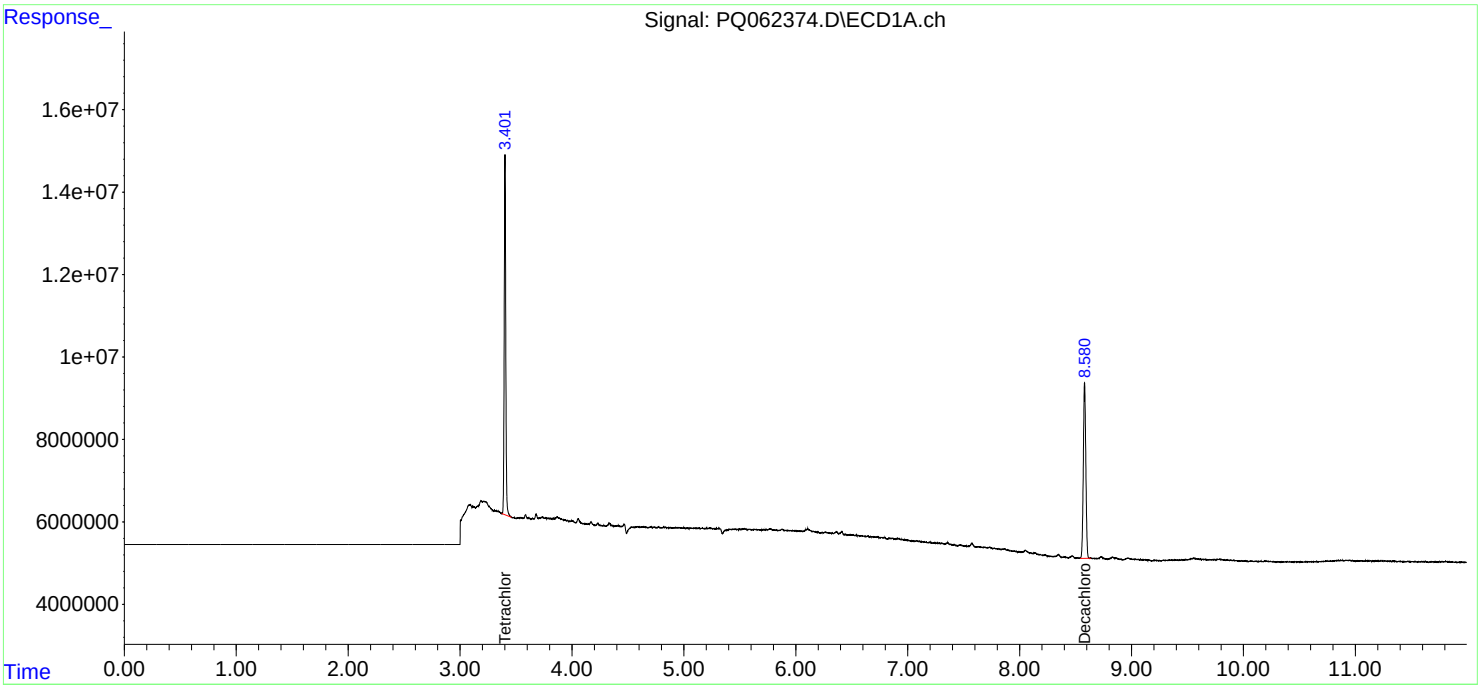
Instrument :
ECD_Q
ClientSampleId :
RINSATE-BLANK

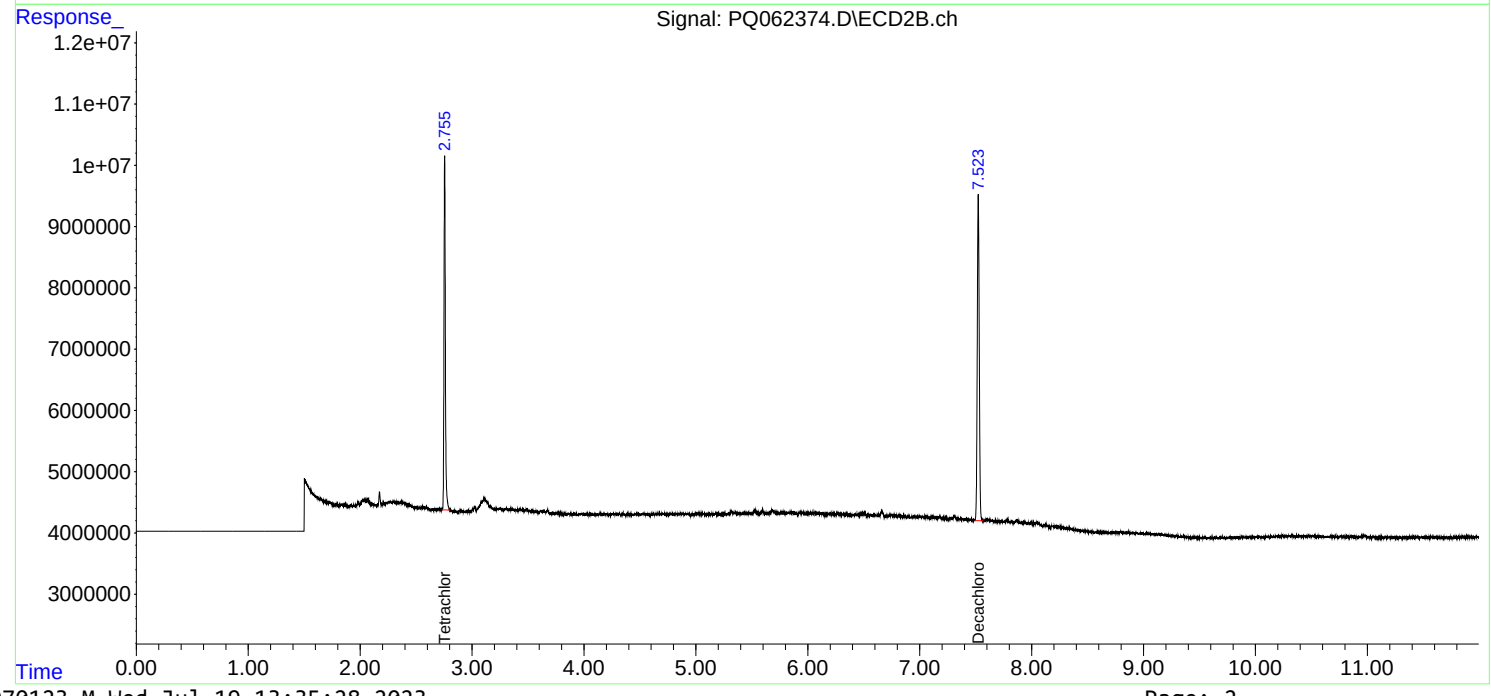
Manual Integrations APPROVED

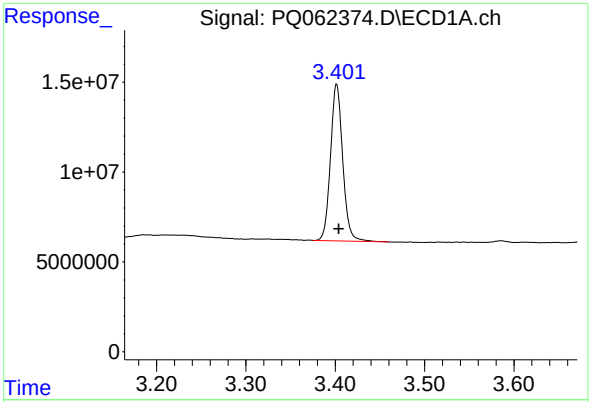
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 03:01:54 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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







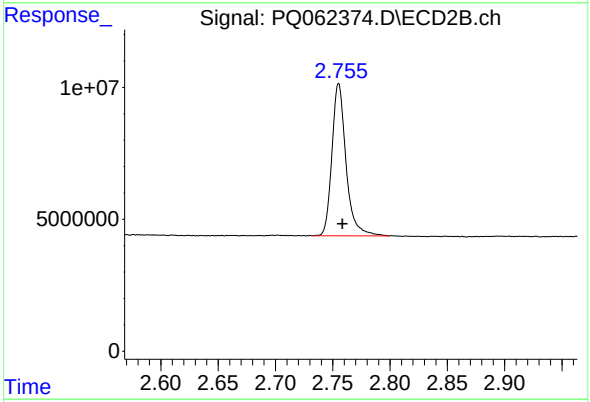
#1 Tetrachloro-m-xylene

R.T.: 3.402 min
Delta R.T.: -0.002 min
Response: 82892408
Conc: 16.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
RINSATE-BLANK

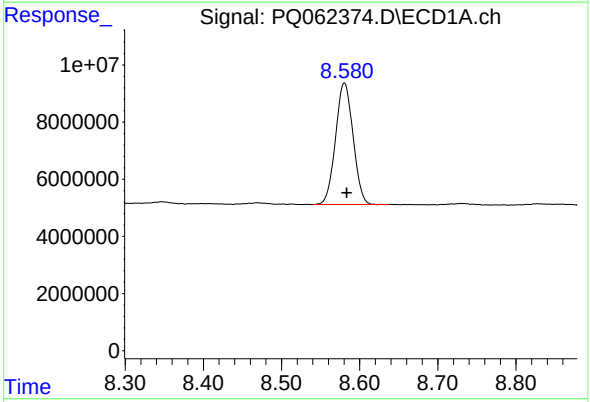
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023



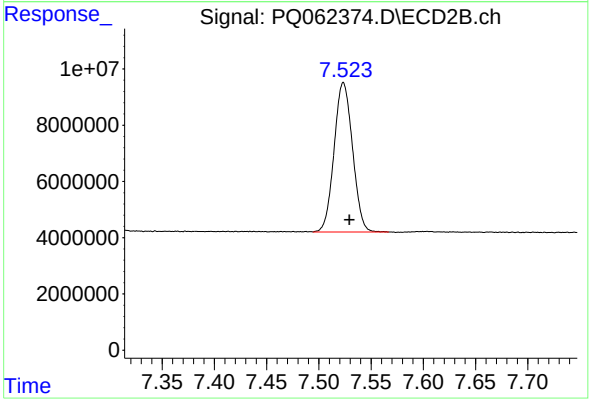
#1 Tetrachloro-m-xylene

R.T.: 2.755 min
Delta R.T.: -0.004 min
Response: 49381002
Conc: 19.68 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.580 min
Delta R.T.: -0.003 min
Response: 66445188
Conc: 18.29 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.523 min
Delta R.T.: -0.006 min
Response: 65403715
Conc: 19.63 ng/ml m

CALIBRATION SUMMARY

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

Instrument ID: ECD_Q **Calibration Date(s):** 07/01/2023 07/01/2023

Calibration Times: 03:04 09:39

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

LAB FILE ID: RT 1000 = PQ061835.D RT 750 = PQ061836.D

RT 500 = PQ061837.D RT 250 = PQ061838.D RT 050 = PQ061839.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.51	4.51	4.50	4.51	4.51	4.51	4.41	4.61
Aroclor-1016-2	(2)	4.52	4.52	4.52	4.52	4.52	4.52	4.42	4.62
Aroclor-1016-3	(3)	4.58	4.58	4.58	4.58	4.58	4.58	4.48	4.68
Aroclor-1016-4	(4)	4.67	4.67	4.67	4.67	4.67	4.67	4.57	4.77
Aroclor-1016-5	(5)	4.96	4.96	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1260-1	(1)	6.06	6.06	6.06	6.06	6.06	6.06	5.96	6.16
Aroclor-1260-2	(2)	6.32	6.32	6.32	6.32	6.32	6.32	6.22	6.42
Aroclor-1260-3	(3)	6.68	6.68	6.68	6.68	6.68	6.68	6.58	6.78
Aroclor-1260-4	(4)	6.89	6.89	6.89	6.89	6.89	6.89	6.79	6.99
Aroclor-1260-5	(5)	7.21	7.21	7.20	7.20	7.20	7.20	7.10	7.30
Decachlorobiphenyl		8.58	8.59	8.58	8.58	8.58	8.58	8.48	8.68
Tetrachloro-m-xylene		3.41	3.41	3.40	3.41	3.40	3.41	3.31	3.51
Aroclor-1242-1	(1)	4.51	4.51	4.50	4.50	4.50	4.50	4.40	4.60
Aroclor-1242-2	(2)	4.52	4.52	4.52	4.52	4.52	4.52	4.42	4.62
Aroclor-1242-3	(3)	4.58	4.58	4.58	4.58	4.58	4.58	4.48	4.68
Aroclor-1242-4	(4)	4.67	4.67	4.67	4.67	4.67	4.67	4.57	4.77
Aroclor-1242-5	(5)	5.39	5.39	5.39	5.39	5.39	5.39	5.29	5.49
Decachlorobiphenyl		8.58	8.58	8.58	8.58	8.58	8.58	8.48	8.68
Tetrachloro-m-xylene		3.40	3.41	3.40	3.40	3.40	3.40	3.30	3.50
Aroclor-1248-1	(1)	4.51	4.52	4.50	4.50	4.51	4.51	4.41	4.61
Aroclor-1248-2	(2)	4.77	4.79	4.77	4.77	4.77	4.77	4.67	4.87
Aroclor-1248-3	(3)	4.96	4.98	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1248-4	(4)	5.35	5.37	5.35	5.35	5.35	5.36	5.26	5.46
Aroclor-1248-5	(5)	5.39	5.41	5.39	5.39	5.39	5.39	5.29	5.49
Decachlorobiphenyl		8.58	8.60	8.58	8.58	8.58	8.59	8.49	8.69
Tetrachloro-m-xylene		3.40	3.42	3.40	3.40	3.40	3.41	3.31	3.51
Aroclor-1254-1	(1)	5.33	5.33	5.33	5.33	5.33	5.33	5.23	5.43
Aroclor-1254-2	(2)	5.54	5.54	5.54	5.54	5.54	5.54	5.44	5.64
Aroclor-1254-3	(3)	5.90	5.90	5.90	5.90	5.90	5.90	5.80	6.00
Aroclor-1254-4	(4)	6.18	6.18	6.18	6.18	6.18	6.18	6.08	6.28
Aroclor-1254-5	(5)	6.60	6.60	6.59	6.60	6.60	6.60	6.50	6.70
Decachlorobiphenyl		8.58	8.58	8.58	8.58	8.58	8.58	8.48	8.68
Tetrachloro-m-xylene		3.40	3.40	3.40	3.40	3.40	3.40	3.30	3.50
Aroclor-1268-1	(1)	7.48	7.48	7.48	7.48	7.48	7.48	7.38	7.58
Aroclor-1268-2	(2)	7.56	7.56	7.56	7.56	7.56	7.56	7.46	7.66
Aroclor-1268-3	(3)	7.74	7.74	7.74	7.74	7.74	7.74	7.64	7.84
Aroclor-1268-4	(4)	8.06	8.06	8.06	8.06	8.06	8.06	7.96	8.16
Aroclor-1268-5	(5)	8.35	8.35	8.35	8.35	8.35	8.35	8.25	8.45

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.58	8.58	8.58	8.58	8.58	8.58	8.48	8.68
Tetrachloro-m-xylene	3.40	3.40	3.40	3.40	3.40	3.40	3.30	3.50

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

Instrument ID: ECD_Q **Calibration Date(s):** 07/01/2023 07/01/2023

Calibration Times: 03:04 09:39

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

LAB FILE ID: RT 1000 = PQ061835.D RT 750 = PQ061836.D

RT 500 = PQ061837.D RT 250 = PQ061838.D RT 050 = PQ061839.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	3.76	3.76	3.76	3.76	3.76	3.76	3.66	3.86
Aroclor-1016-2	(2)	3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1016-3	(3)	3.94	3.94	3.94	3.94	3.94	3.94	3.84	4.04
Aroclor-1016-4	(4)	3.99	3.99	3.99	3.99	3.99	3.99	3.89	4.09
Aroclor-1016-5	(5)	4.18	4.18	4.18	4.18	4.18	4.18	4.08	4.28
Aroclor-1260-1	(1)	5.17	5.17	5.17	5.17	5.17	5.17	5.07	5.27
Aroclor-1260-2	(2)	5.36	5.36	5.36	5.36	5.36	5.36	5.26	5.46
Aroclor-1260-3	(3)	5.51	5.50	5.50	5.50	5.50	5.50	5.40	5.60
Aroclor-1260-4	(4)	5.97	5.97	5.97	5.97	5.97	5.97	5.87	6.07
Aroclor-1260-5	(5)	6.21	6.21	6.21	6.21	6.21	6.21	6.11	6.31
Decachlorobiphenyl		7.53	7.53	7.53	7.53	7.53	7.53	7.43	7.63
Tetrachloro-m-xylene		2.76	2.76	2.76	2.76	2.76	2.76	2.66	2.86
Aroclor-1242-1	(1)	3.76	3.76	3.76	3.76	3.76	3.76	3.66	3.86
Aroclor-1242-2	(2)	3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1242-3	(3)	3.94	3.94	3.94	3.94	3.94	3.94	3.84	4.04
Aroclor-1242-4	(4)	4.02	4.02	4.02	4.02	4.02	4.02	3.92	4.12
Aroclor-1242-5	(5)	4.52	4.52	4.52	4.52	4.52	4.52	4.42	4.62
Decachlorobiphenyl		7.53	7.53	7.53	7.53	7.53	7.53	7.43	7.63
Tetrachloro-m-xylene		2.76	2.76	2.76	2.76	2.76	2.76	2.66	2.86
Aroclor-1248-1	(1)	3.76	3.76	3.76	3.76	3.76	3.76	3.66	3.86
Aroclor-1248-2	(2)	3.99	3.99	3.99	3.99	3.99	3.99	3.89	4.09
Aroclor-1248-3	(3)	4.02	4.02	4.02	4.02	4.02	4.02	3.92	4.12
Aroclor-1248-4	(4)	4.18	4.18	4.18	4.18	4.18	4.18	4.08	4.28
Aroclor-1248-5	(5)	4.55	4.55	4.55	4.56	4.55	4.55	4.45	4.65
Decachlorobiphenyl		7.53	7.53	7.53	7.53	7.53	7.53	7.43	7.63
Tetrachloro-m-xylene		2.76	2.76	2.76	2.76	2.76	2.76	2.66	2.86
Aroclor-1254-1	(1)	4.52	4.52	4.52	4.52	4.52	4.52	4.42	4.62
Aroclor-1254-2	(2)	4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76
Aroclor-1254-3	(3)	5.04	5.04	5.04	5.04	5.04	5.04	4.94	5.14
Aroclor-1254-4	(4)	5.27	5.27	5.27	5.27	5.27	5.27	5.17	5.37
Aroclor-1254-5	(5)	5.68	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Decachlorobiphenyl		7.53	7.53	7.53	7.53	7.53	7.53	7.43	7.63
Tetrachloro-m-xylene		2.76	2.76	2.76	2.76	2.76	2.76	2.66	2.86
Aroclor-1268-1	(1)	6.49	6.49	6.49	6.49	6.49	6.49	6.39	6.59
Aroclor-1268-2	(2)	6.55	6.55	6.55	6.55	6.55	6.55	6.45	6.65
Aroclor-1268-3	(3)	6.75	6.75	6.75	6.75	6.75	6.75	6.65	6.85
Aroclor-1268-4	(4)	7.04	7.05	7.04	7.04	7.04	7.04	6.94	7.14
Aroclor-1268-5	(5)	7.31	7.31	7.31	7.31	7.31	7.31	7.21	7.41

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	7.53	7.53	7.53	7.53	7.53	7.53	7.43	7.63
Tetrachloro-m-xylene	2.76	2.76	2.76	2.76	2.76	2.76	2.66	2.86

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

Instrument ID: ECD_Q **Calibration Date(s):** 07/01/2023 07/01/2023

Calibration Times: 03:04 09:39

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

LAB FILE ID: **CF 1000 =** PQ061835.D **CF 750 =** PQ061836.D

CF 500 = PQ061837.D **CF 250 =** PQ061838.D **CF 050 =** PQ061839.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	165606472	168587108	168279828	173074120	148042080	164717922	6
Aroclor-1016-2	(2)	247560975	249293749	253818164	255974056	229694860	247268361	4
Aroclor-1016-3	(3)	150077294	151886135	155061318	159342292	145661180	152405644	3
Aroclor-1016-4	(4)	124334874	126646800	127062662	128148620	120533360	125345263	2
Aroclor-1016-5	(5)	119371211	120721977	123605514	127074876	117810760	121716868	3
Aroclor-1260-1	(1)	231814227	235194988	240387124	246556300	225705360	235931600	3
Aroclor-1260-2	(2)	279196652	283551855	291520792	302056716	287736360	288812475	3
Aroclor-1260-3	(3)	173388700	176639817	179706544	182823904	170323020	176576397	3
Aroclor-1260-4	(4)	210284099	210424784	214539528	217817712	200182560	210649737	3
Aroclor-1260-5	(5)	412460898	413449515	416848222	422145980	388140340	410608991	3
Decachlorobiphenyl		3560536330	3598491653	3708541760	3812346240	3483867600	3632756717	4
Tetrachloro-m-xylene		4971885790	5007263680	5010988940	4997077760	4403745600	4878192354	5
Aroclor-1242-1	(1)	124524411	126682077	133440674	140965868	127907400	130704086	5
Aroclor-1242-2	(2)	184136155	188234016	198320918	205515132	194485600	194138364	4
Aroclor-1242-3	(3)	113505199	115500193	122524800	127344280	125346160	120844126	5
Aroclor-1242-4	(4)	93901035	95558696	100364786	103374896	94229320	97485747	4
Aroclor-1242-5	(5)	95677681	97879572	101772924	102714020	80606100	95730059	9
Decachlorobiphenyl		3533771350	3610739173	3802574500	3962058280	3805163600	3742861381	5
Tetrachloro-m-xylene		4950194780	5004502187	5187781380	5287630280	4912333200	5068488365	3
Aroclor-1248-1	(1)	101532881	103687529	108736062	112130504	93806240	103978643	7
Aroclor-1248-2	(2)	134889130	139425571	147651332	153806584	142537960	143662115	5
Aroclor-1248-3	(3)	164978029	170853717	179018774	187073532	166639960	173712802	5
Aroclor-1248-4	(4)	185288890	189404373	199301686	204440340	181217120	191930482	5
Aroclor-1248-5	(5)	180028262	184065977	192382298	197077708	152056120	181122073	10
Decachlorobiphenyl		3664865420	3781469267	3950746120	4071747840	3769946600	3847755049	4
Tetrachloro-m-xylene		5090313230	5180775573	5376645620	5365159400	4583519000	5119282565	6
Aroclor-1254-1	(1)	174947235	182221152	189004822	201060728	181872800	185821347	5
Aroclor-1254-2	(2)	272892699	284048927	295200784	312967580	288454940	290712986	5
Aroclor-1254-3	(3)	291946447	302580463	313643486	329864396	297666480	307140254	5
Aroclor-1254-4	(4)	218598125	226803107	234355736	246201544	235006600	232193022	4
Aroclor-1254-5	(5)	246047511	255897805	263067528	274909848	244428160	256870170	5
Decachlorobiphenyl		3513306230	3668168107	3822823440	4035338440	3590789200	3726085083	6
Tetrachloro-m-xylene		4921362040	5059775373	5165316320	5320773480	4580343800	5009514203	6
Aroclor-1268-1	(1)	531388133	566293227	576692258	604194540	558824420	567478516	5

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	480782556	512147229	521329926	541591684	493512160	509872711	5
Aroclor-1268-3	(3)	403398958	426826568	435636530	454506476	413495000	426772706	5
Aroclor-1268-4	(4)	170693328	182408305	187404518	195352812	179066320	182985057	5
Aroclor-1268-5	(5)	1210434141	1274612009	1285398726	1327423944	1205895980	1260752960	4
Decachlorobiphenyl		5706612520	6040381307	6203210740	6528972000	6022348400	6100304993	5
Tetrachloro-m-xylene		4440312980	4976652440	5029655640	5154754000	4574560600	4835187132	6

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

Instrument ID: ECD_Q **Calibration Date(s):** 07/01/2023 07/01/2023

Calibration Times: 03:04 09:39

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

LAB FILE ID: **CF 1000 =** PQ061835.D **CF 750 =** PQ061836.D

CF 500 = PQ061837.D **CF 250 =** PQ061838.D **CF 050 =** PQ061839.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	95059022	100157919	99799326	105174560	94686200	98975405	4
Aroclor-1016-2	(2)	140213069	146382796	145788530	149864596	138745900	144198978	3
Aroclor-1016-3	(3)	74786721	75833213	78160364	80901460	67531680	75442688	7
Aroclor-1016-4	(4)	63418735	64095188	68213824	70076988	62590960	65679139	5
Aroclor-1016-5	(5)	78296673	79238107	84420330	87299528	80653440	81981616	5
Aroclor-1260-1	(1)	161890943	164359937	167452506	174667128	164395480	166553199	3
Aroclor-1260-2	(2)	201684425	202946975	205146426	212979324	216973060	207946042	3
Aroclor-1260-3	(3)	191493597	193267276	193234216	199942564	194855680	194558667	2
Aroclor-1260-4	(4)	143361581	144799459	146642604	151842772	142661280	145861539	3
Aroclor-1260-5	(5)	331016196	331550343	341865748	339399112	316463560	332058992	3
Decachlorobiphenyl		3244904370	3282789987	3379152400	3447802080	3306245600	3332178887	2
Tetrachloro-m-xylene		2594635550	2551389520	2556156360	2576840440	2266505800	2509105534	5
Aroclor-1242-1	(1)	73698107	74437112	79858234	80347240	78354680	77339075	4
Aroclor-1242-2	(2)	108257772	107835555	112148394	116909188	110642440	111158670	3
Aroclor-1242-3	(3)	57751145	56938439	60424816	62094336	55671540	58576055	4
Aroclor-1242-4	(4)	55063545	55221313	59163236	62162688	61530100	58628176	6
Aroclor-1242-5	(5)	78281292	78798571	85166684	87316496	84900040	82892617	5
Decachlorobiphenyl		3229344350	3289877853	3455487080	3591382080	3447112400	3402640753	4
Tetrachloro-m-xylene		2528835730	2565765880	2677311680	2755265760	2475753000	2600586410	4
Aroclor-1248-1	(1)	60440678	61539253	64431884	68004820	58185180	62520363	6
Aroclor-1248-2	(2)	89666096	90573249	99854226	100027184	88723080	93768767	6
Aroclor-1248-3	(3)	86657239	87438648	95906086	96140928	86575700	90543720	6
Aroclor-1248-4	(4)	107902999	109888035	117922082	120961700	107522420	112839447	5
Aroclor-1248-5	(5)	109111515	110888256	116446744	118957708	104758760	112032597	5
Decachlorobiphenyl		3342610600	3429675080	3552526200	3654544480	3358565400	3467584352	4
Tetrachloro-m-xylene		2678444770	2696577307	2804395640	2821488920	2377414200	2675664167	7
Aroclor-1254-1	(1)	151435820	159158548	165411510	173122860	158185340	161462816	5
Aroclor-1254-2	(2)	137765424	144324716	151964748	159613020	142455180	147224618	6
Aroclor-1254-3	(3)	223111474	230822475	238332084	248809572	227429620	233701045	4
Aroclor-1254-4	(4)	144872408	150280927	154715092	162566192	149636640	152414252	4
Aroclor-1254-5	(5)	222142384	229320547	236798280	245922724	219797940	230796375	5
Decachlorobiphenyl		3224437400	3348442893	3455695460	3635268600	3249297200	3382628311	5
Tetrachloro-m-xylene		2568073960	2671571387	2735483240	2796189240	2386017000	2631466965	6
Aroclor-1268-1	(1)	433587545	470156204	480606830	499635636	468700980	470537439	5

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	394473975	427250947	436152456	450464948	410168000	423702065	5
Aroclor-1268-3	(3)	341277649	368810072	377986076	392360544	361163780	368319624	5
Aroclor-1268-4	(4)	146834989	160380248	163835508	170793916	157836920	159936316	6
Aroclor-1268-5	(5)	1093539582	1185840700	1196216218	1241444432	1117723940	1166952974	5
Decachlorobiphenyl		5085668100	5517473467	5647781640	5933945560	5533657000	5543705153	6
Tetrachloro-m-xylene		2291736150	2609303413	2671391600	2725314320	2333966400	2526342377	8

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

Instrument ID: ECD_Q **Date(s) Analyzed:** 07/01/2023 07/01/2023

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	3.61	3.51	3.71	60107800
		2	3.68	3.58	3.78	44932600
		3	3.75	3.65	3.85	140518000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	3.75	3.65	3.85	105601000
		2	4.25	4.15	4.35	59151200
		3	4.52	4.42	4.62	113081000
		4	4.67	4.57	4.77	56666400
		5	4.77	4.67	4.87	40050000
Aroclor-1262	500	1	6.68	6.58	6.78	304942000
		2	7.20	7.10	7.30	526714000
		3	7.48	7.38	7.58	352304000
		4	7.55	7.45	7.65	266720000
		5	8.06	7.96	8.16	177509000

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

Instrument ID: ECD_Q **Date(s) Analyzed:** 07/01/2023 07/01/2023

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	2.96	2.86	3.06	32996600
		2	3.04	2.94	3.14	25400000
		3	3.11	3.01	3.21	77090800
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	3.11	3.01	3.21	57298600
		2	3.78	3.68	3.88	66555000
		3	3.94	3.84	4.04	34555000
		4	4.02	3.92	4.12	29739800
		5	4.18	4.08	4.28	35660800
Aroclor-1262	500	1	5.72	5.62	5.82	232472000
		2	5.97	5.87	6.07	216208000
		3	6.49	6.39	6.59	174328000
		4	6.55	6.45	6.65	322294000
		5	7.04	6.94	7.14	155115000

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061835.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 03:04
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 06:10:20 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 06:10:11 2023
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...	3.405	2.759	497.2E6	259.5E6	99.608	100.747
2)	SA Decachlor...	8.584	7.529	356.1E6	324.5E6	97.964	97.973
	Target Compounds						
3)	L1 AR-1016-1	4.505	3.761	165.6E6	95059022	991.993	975.673
4)	L1 AR-1016-2	4.524	3.776	247.6E6	140.2E6	987.520	980.505
5)	L1 AR-1016-3	4.582	3.936	150.1E6	74786721	983.666	977.942
6)	L1 AR-1016-4	4.673	3.985	124.3E6	63418735	989.150	963.572
7)	L1 AR-1016-5	4.960	4.180	119.4E6	78296673	982.573	962.366
31)	L7 AR-1260-1	6.063	5.173	231.8E6	161.9E6	981.845	983.113
32)	L7 AR-1260-2	6.323	5.364	279.2E6	201.7E6	978.406	991.490
33)	L7 AR-1260-3	6.676	5.505	173.4E6	191.5E6	982.107	995.476
34)	L7 AR-1260-4	6.894	5.967	210.3E6	143.4E6	989.983	988.686
35)	L7 AR-1260-5	7.205	6.213	412.5E6	331.0E6	994.710	983.876

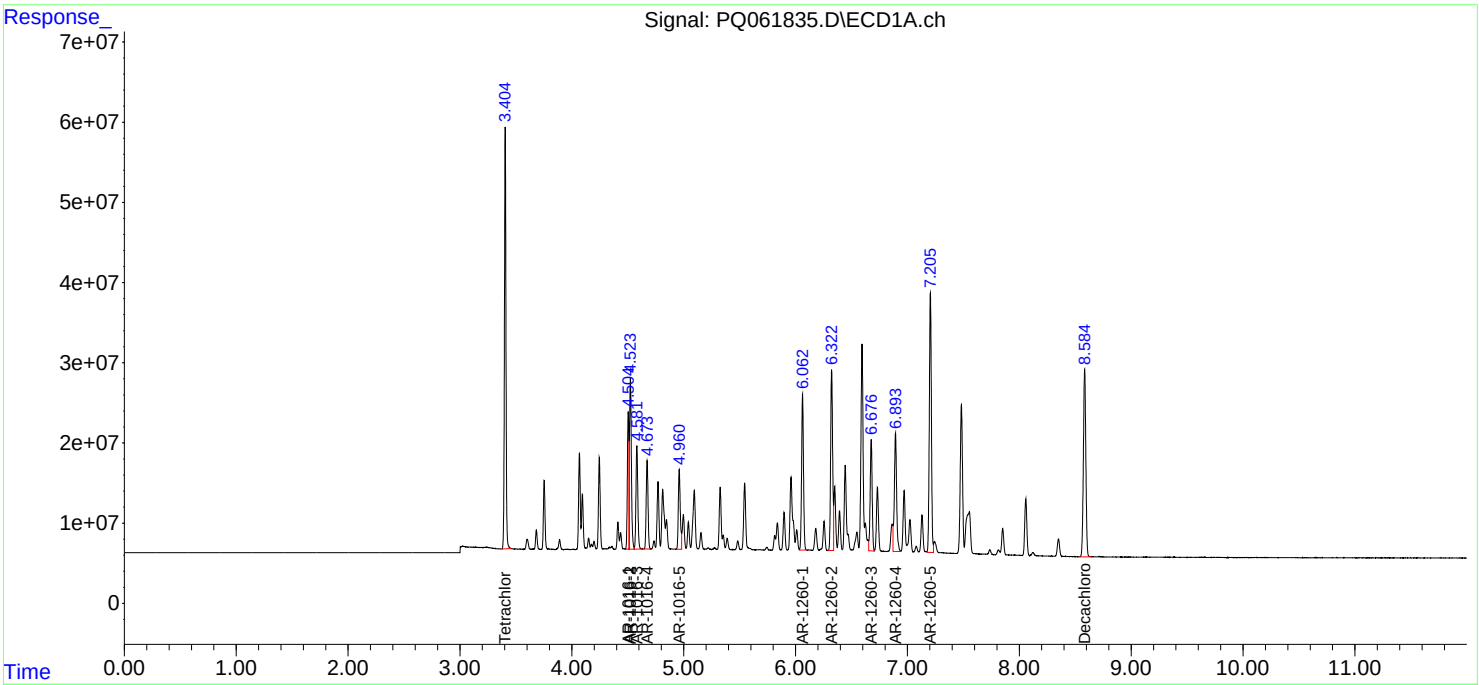
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

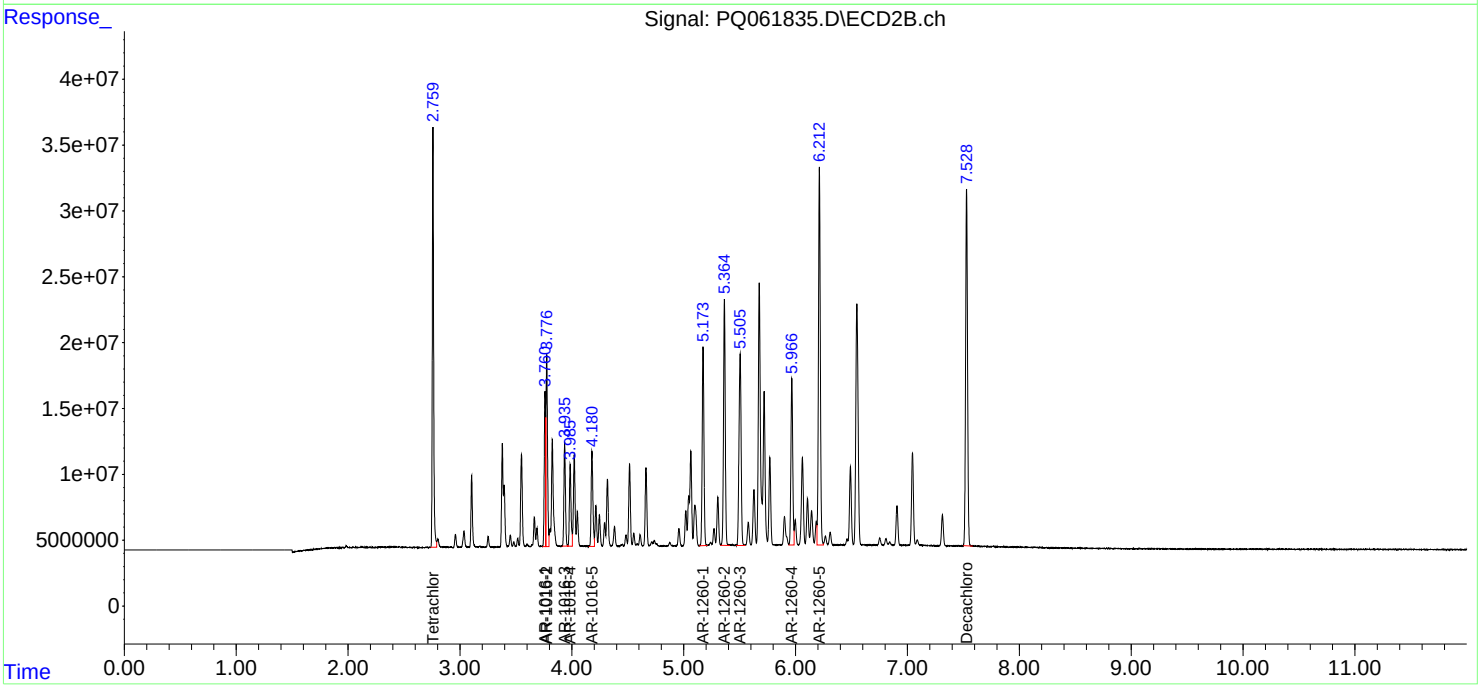
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061835.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 03:04
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 36 Sample Multiplier: 1

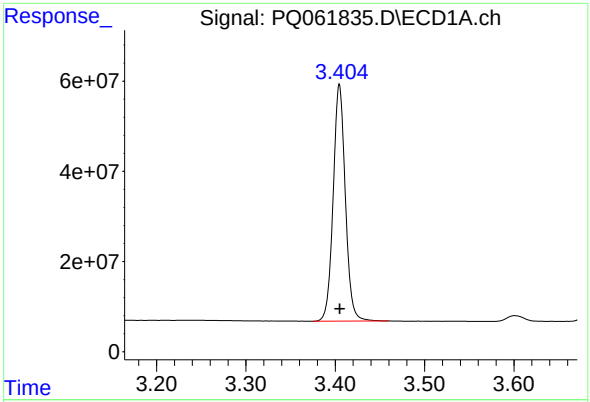
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 06:10:20 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 06:10:11 2023
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



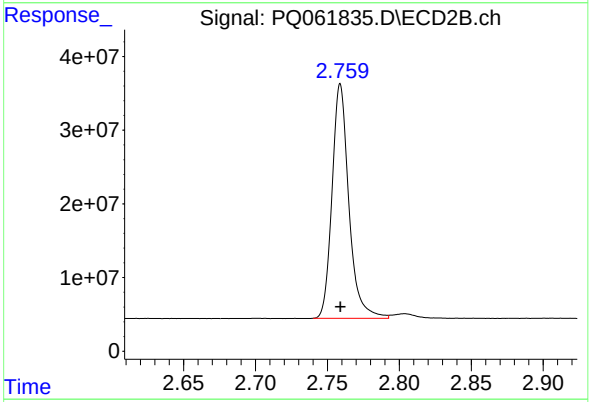




#1 Tetrachloro-m-xylene

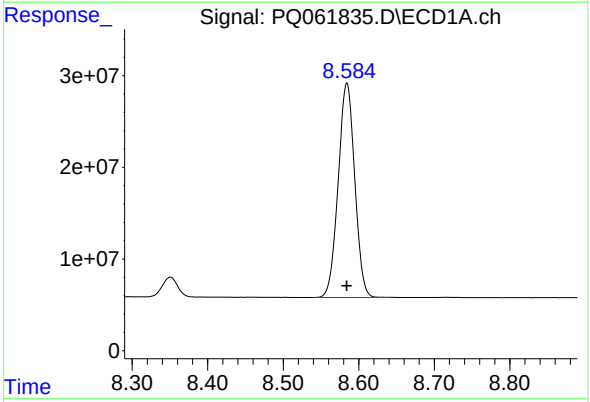
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 497188579
Conc: 99.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



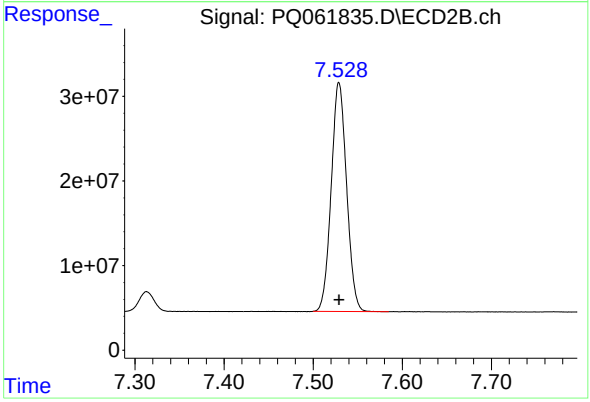
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 259463555
Conc: 100.75 ng/ml



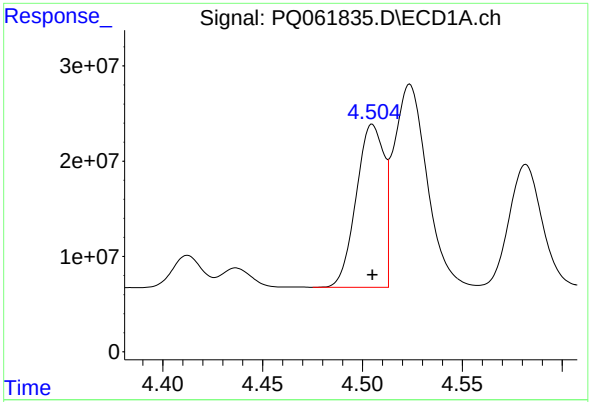
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 356053633
Conc: 97.96 ng/ml



#2 Decachlorobiphenyl

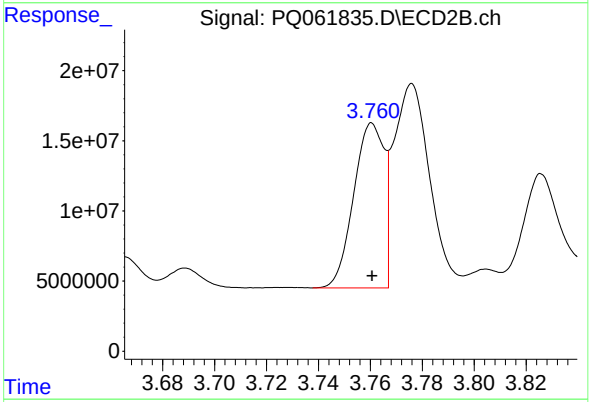
R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 324490437
Conc: 97.97 ng/ml



#3 AR-1016-1

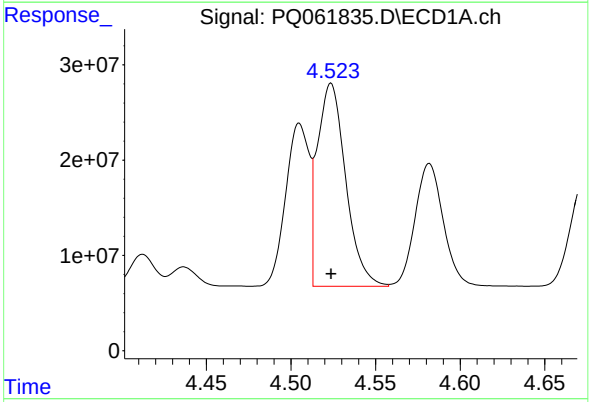
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 165606472
Conc: 991.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



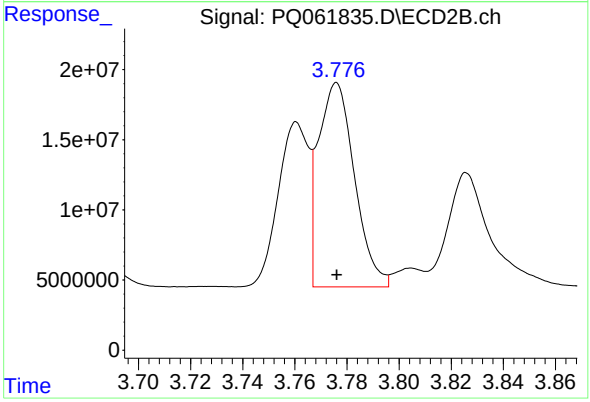
#3 AR-1016-1

R.T.: 3.761 min
Delta R.T.: 0.000 min
Response: 95059022
Conc: 975.67 ng/ml



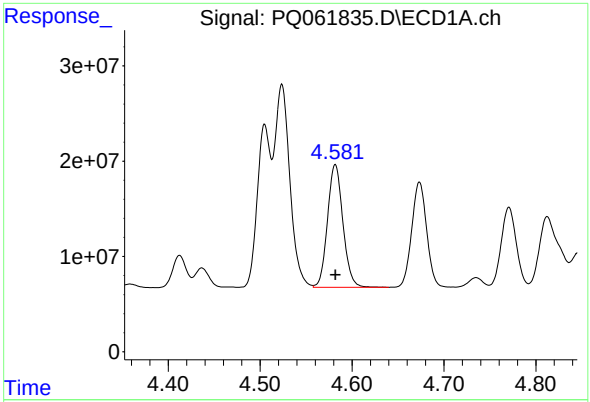
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 247560975
Conc: 987.52 ng/ml



#4 AR-1016-2

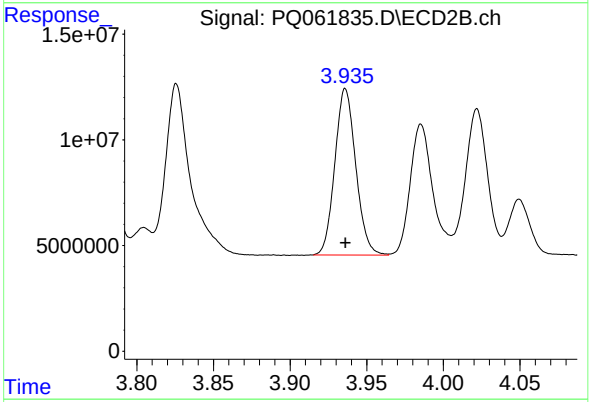
R.T.: 3.776 min
Delta R.T.: 0.000 min
Response: 140213069
Conc: 980.51 ng/ml



#5 AR-1016-3

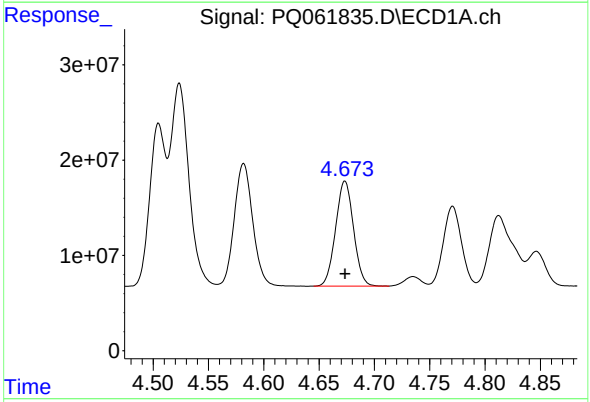
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 150077294
Conc: 983.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



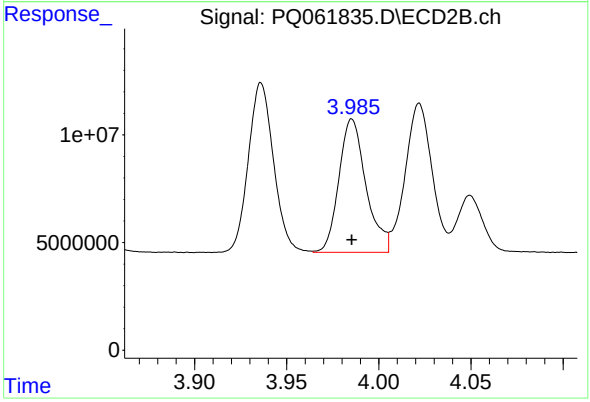
#5 AR-1016-3

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 74786721
Conc: 977.94 ng/ml



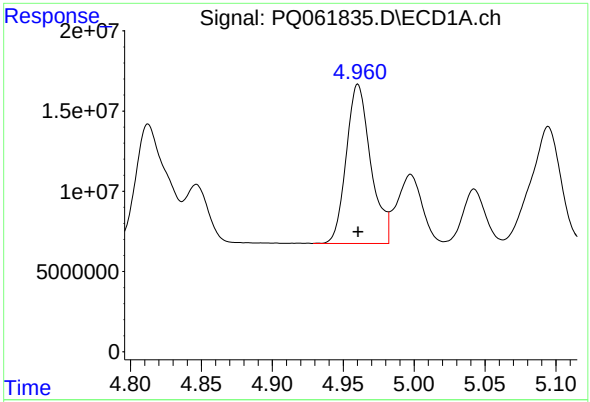
#6 AR-1016-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 124334874
Conc: 989.15 ng/ml



#6 AR-1016-4

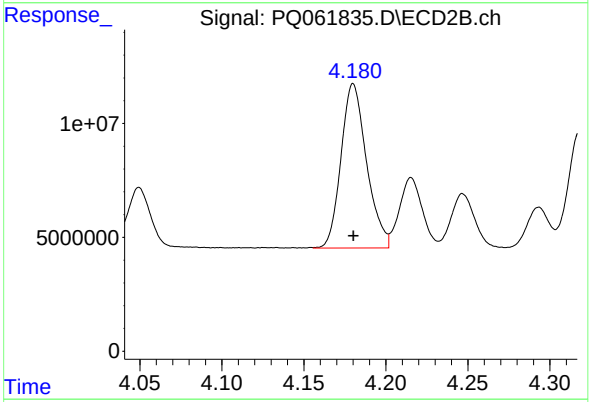
R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 63418735
Conc: 963.57 ng/ml



#7 AR-1016-5

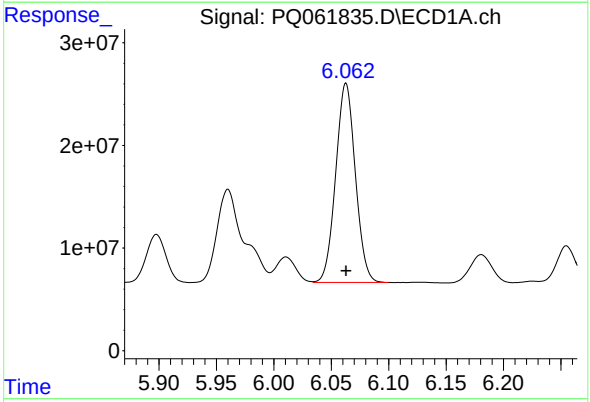
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 119371211
Conc: 982.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



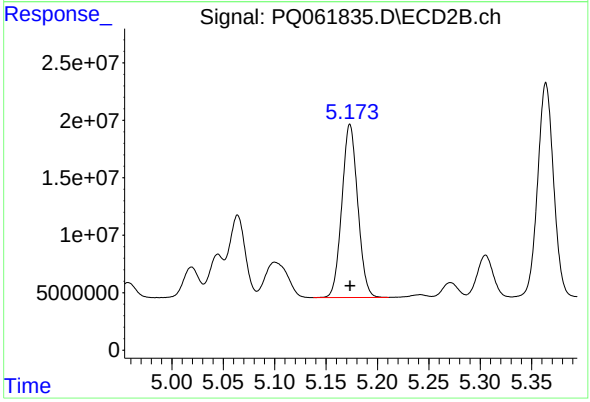
#7 AR-1016-5

R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 78296673
Conc: 962.37 ng/ml



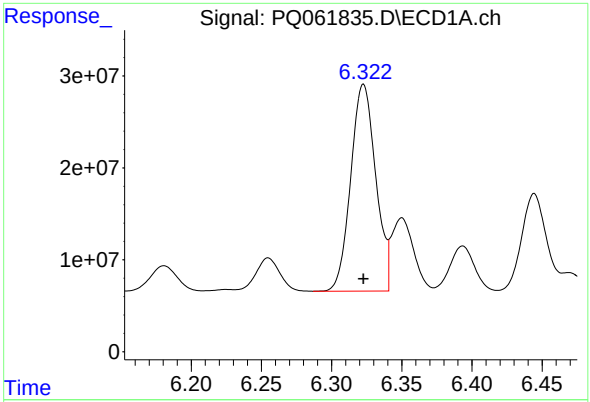
#31 AR-1260-1

R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 231814227
Conc: 981.84 ng/ml



#31 AR-1260-1

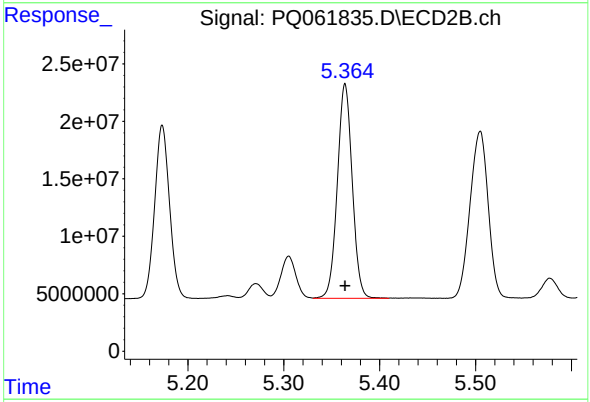
R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 161890943
Conc: 983.11 ng/ml



#32 AR-1260-2

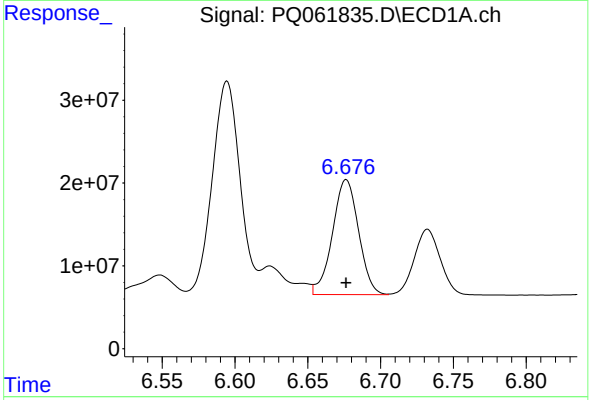
R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 279196652
Conc: 978.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



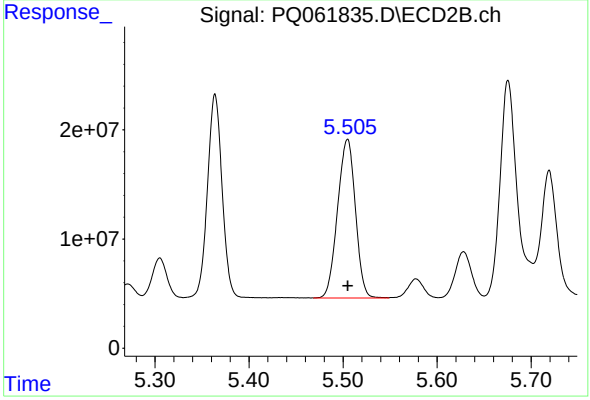
#32 AR-1260-2

R.T.: 5.364 min
Delta R.T.: 0.000 min
Response: 201684425
Conc: 991.49 ng/ml



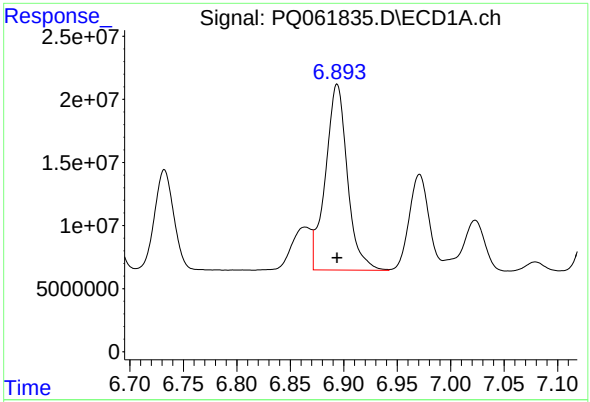
#33 AR-1260-3

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 173388700
Conc: 982.11 ng/ml



#33 AR-1260-3

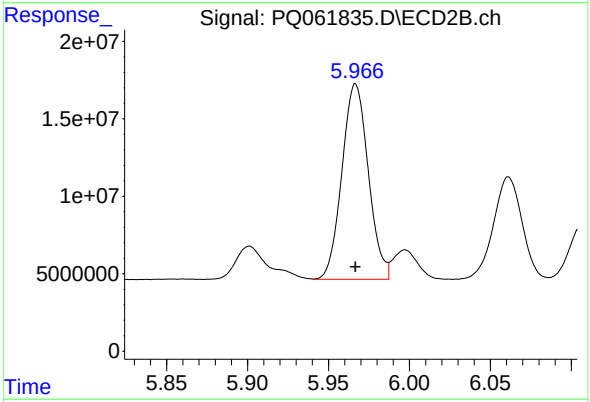
R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 191493597
Conc: 995.48 ng/ml



#34 AR-1260-4

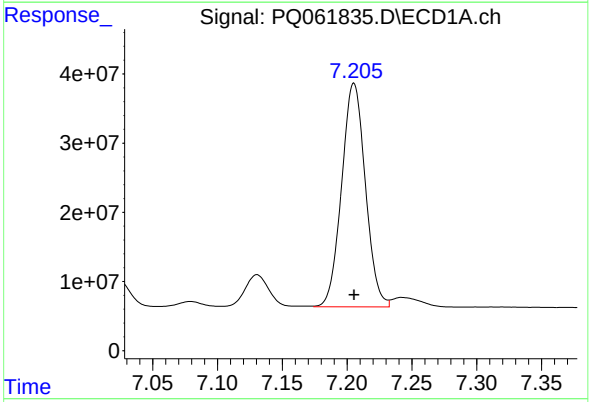
R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 210284099
Conc: 989.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



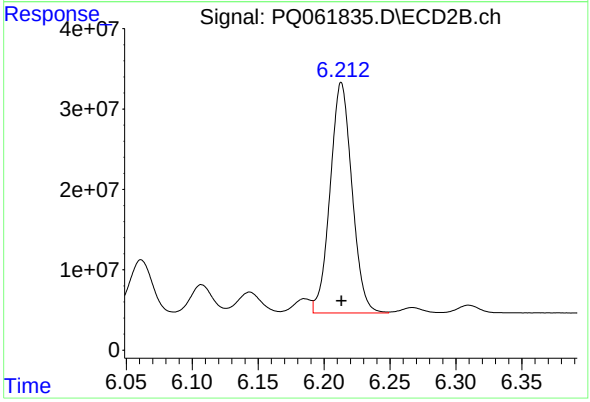
#34 AR-1260-4

R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 143361581
Conc: 988.69 ng/ml



#35 AR-1260-5

R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 412460898
Conc: 994.71 ng/ml



#35 AR-1260-5

R.T.: 6.213 min
Delta R.T.: 0.000 min
Response: 331016196
Conc: 983.88 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061836.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 03:18
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 06:12:27 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 06:12:20 2023
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...	3.405	2.759	375.5E6	191.4E6	75.158	74.532
2)	SA Decachlor...	8.585	7.529	269.9E6	246.2E6	74.502	74.557
	Target Compounds						
3)	L1 AR-1016-1	4.505	3.761	126.4E6	75118439	754.908	763.874
4)	L1 AR-1016-2	4.524	3.776	187.0E6	109.8E6	747.211	761.733
5)	L1 AR-1016-3	4.581	3.936	113.9E6	56874910	747.758	745.802
6)	L1 AR-1016-4	4.673	3.985	94985100	48071391	753.762	736.810
7)	L1 AR-1016-5	4.961	4.180	90541483	59428580	746.839	736.855
31)	L7 AR-1260-1	6.063	5.173	176.4E6	123.3E6	748.080	749.053
32)	L7 AR-1260-2	6.323	5.363	212.7E6	152.2E6	746.827	748.848
33)	L7 AR-1260-3	6.676	5.504	132.5E6	145.0E6	750.261	752.344
34)	L7 AR-1260-4	6.893	5.966	157.8E6	108.6E6	745.308	749.301
35)	L7 AR-1260-5	7.205	6.212	310.1E6	248.7E6	748.546	742.696

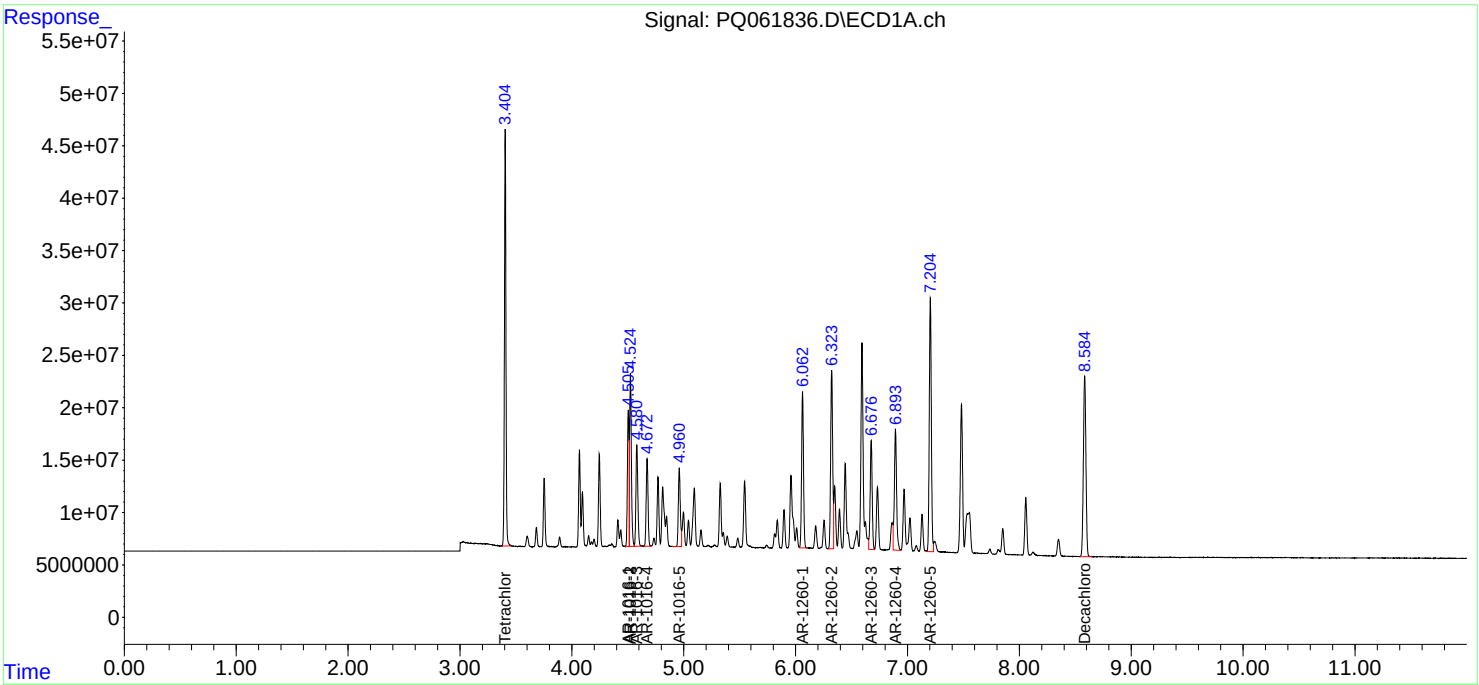
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

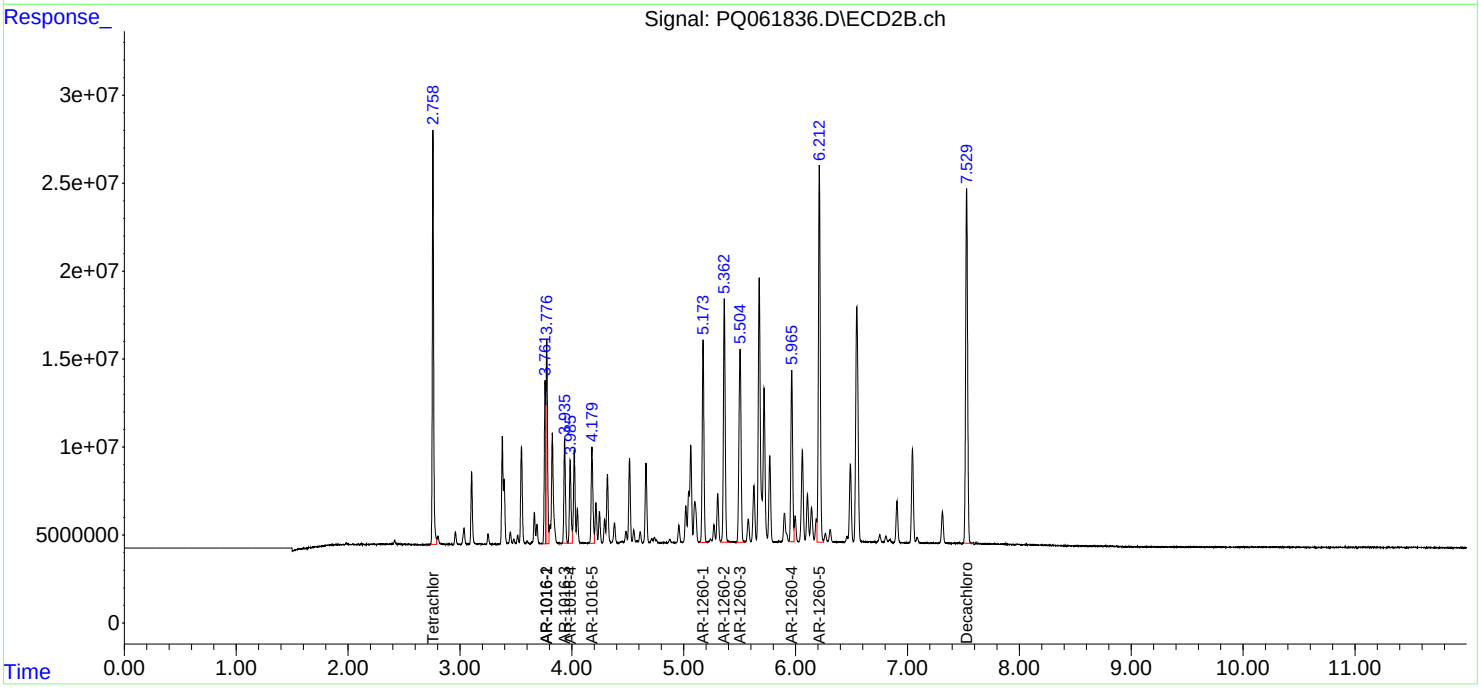
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061836.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 03:18
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 37 Sample Multiplier: 1

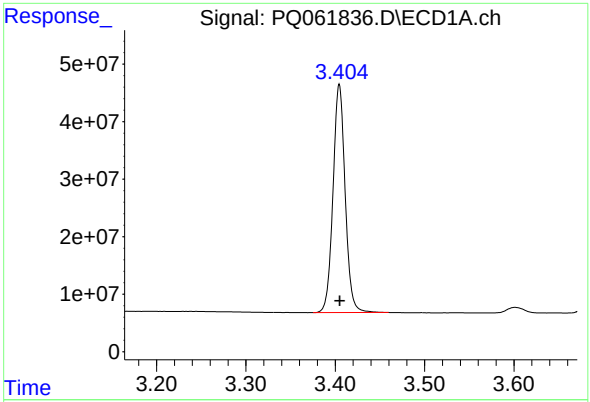
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 06:12:27 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 06:12:20 2023
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



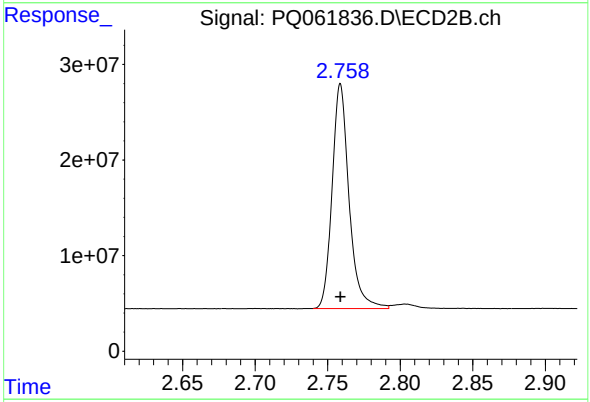




#1 Tetrachloro-m-xylene

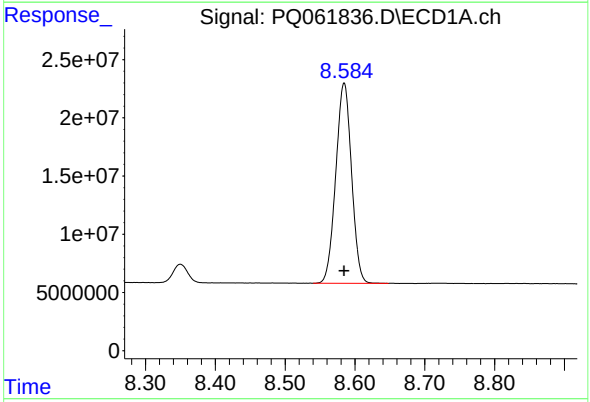
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 375544776
Conc: 75.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



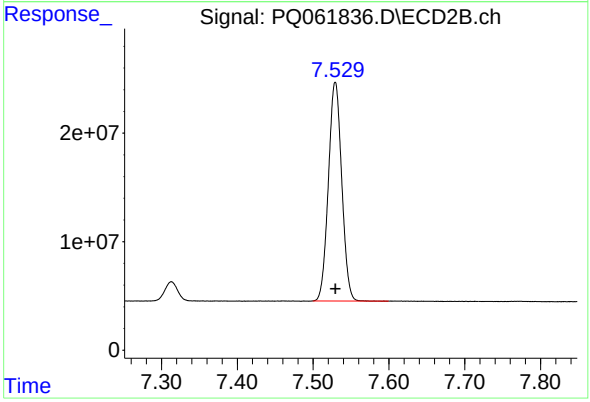
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 191354214
Conc: 74.53 ng/ml



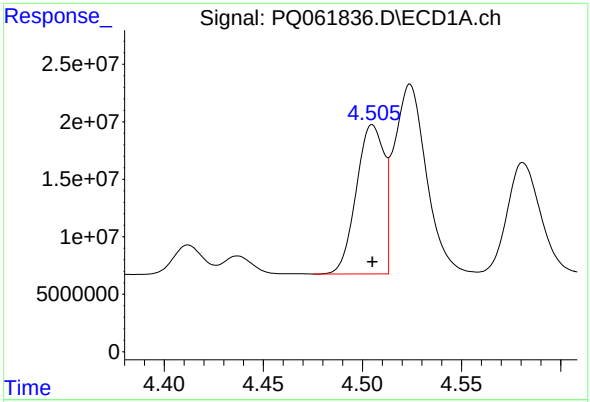
#2 Decachlorobiphenyl

R.T.: 8.585 min
Delta R.T.: 0.000 min
Response: 269886874
Conc: 74.50 ng/ml



#2 Decachlorobiphenyl

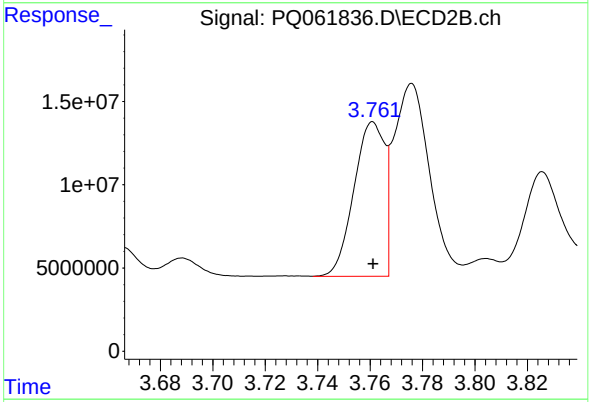
R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 246209249
Conc: 74.56 ng/ml



#3 AR-1016-1

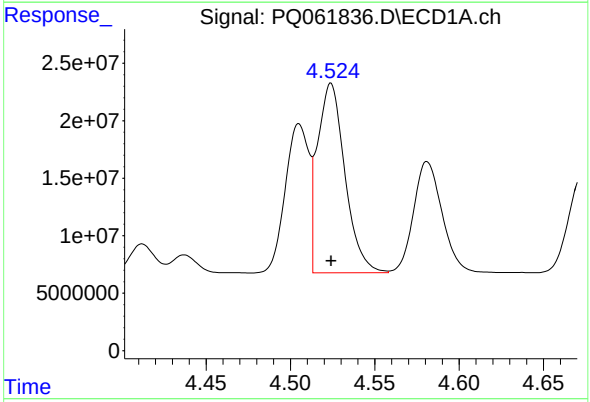
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 126440331
Conc: 754.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



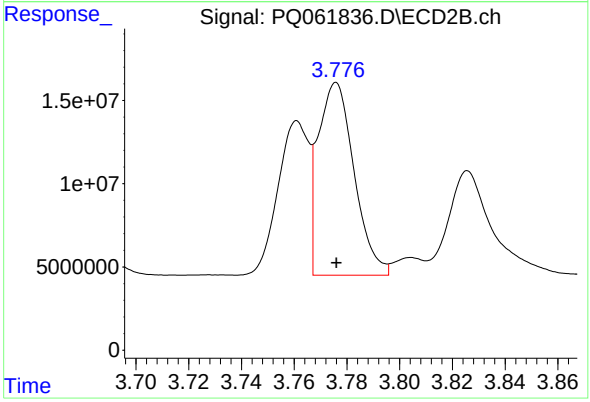
#3 AR-1016-1

R.T.: 3.761 min
Delta R.T.: 0.000 min
Response: 75118439
Conc: 763.87 ng/ml



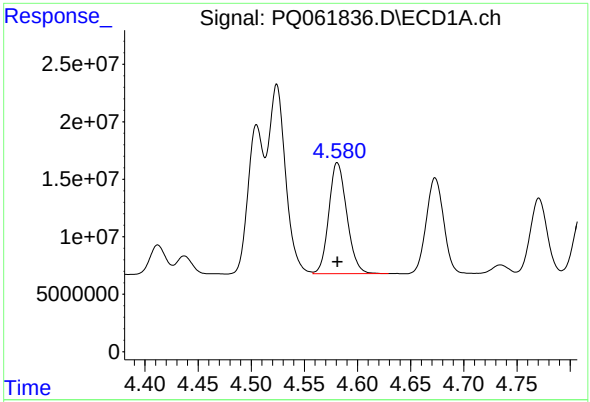
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 186970312
Conc: 747.21 ng/ml



#4 AR-1016-2

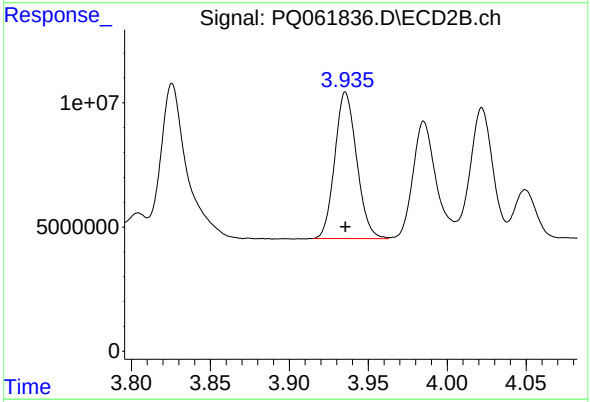
R.T.: 3.776 min
Delta R.T.: 0.000 min
Response: 109787097
Conc: 761.73 ng/ml



#5 AR-1016-3

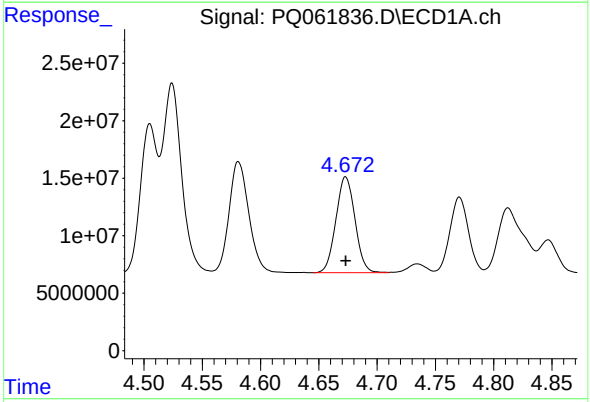
R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 113914601
Conc: 747.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



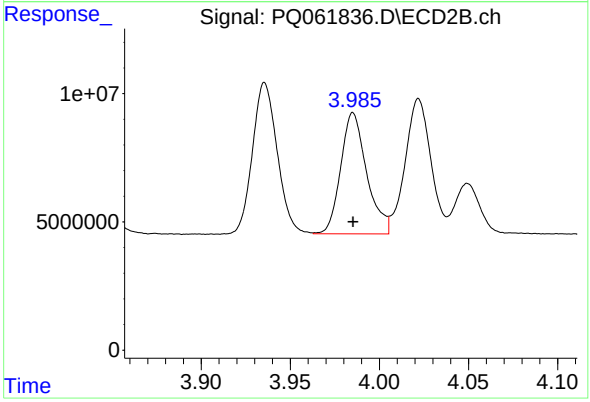
#5 AR-1016-3

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 56874910
Conc: 745.80 ng/ml



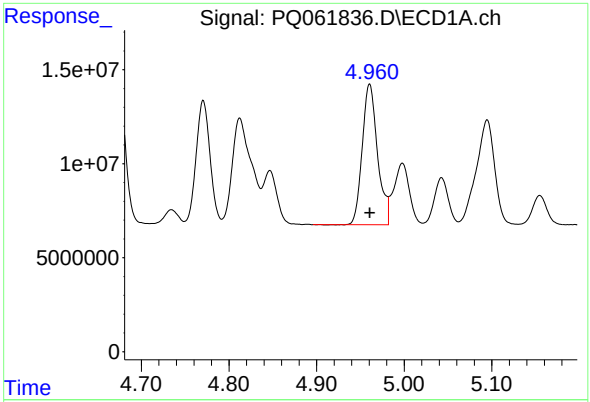
#6 AR-1016-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 94985100
Conc: 753.76 ng/ml



#6 AR-1016-4

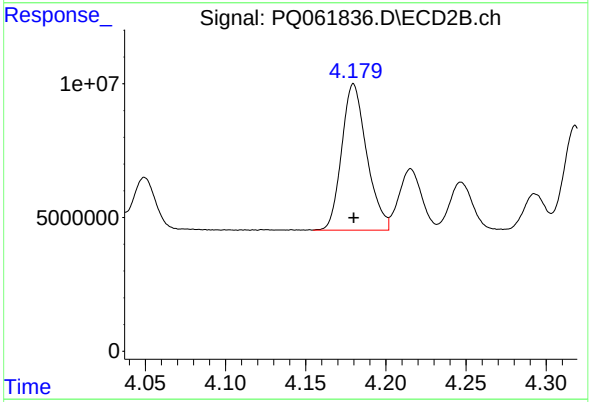
R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 48071391
Conc: 736.81 ng/ml



#7 AR-1016-5

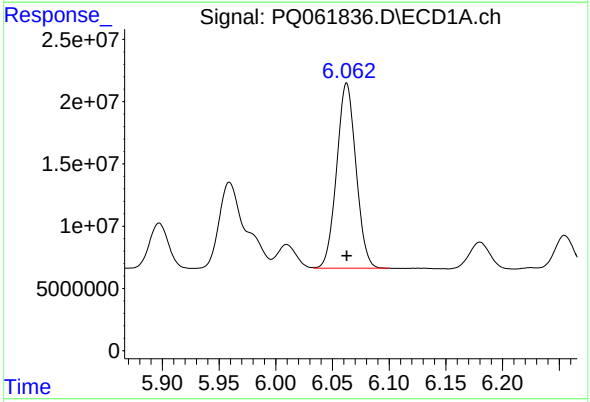
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 90541483
Conc: 746.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



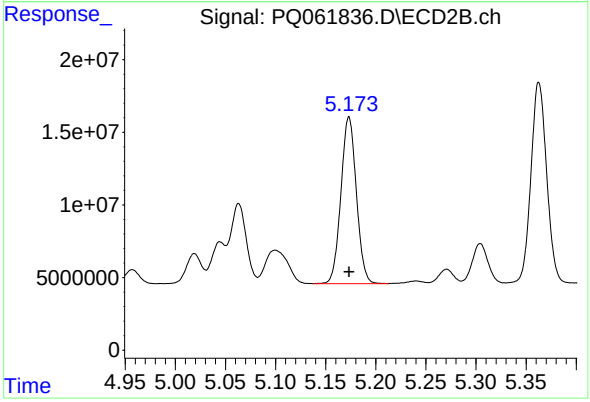
#7 AR-1016-5

R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 59428580
Conc: 736.85 ng/ml



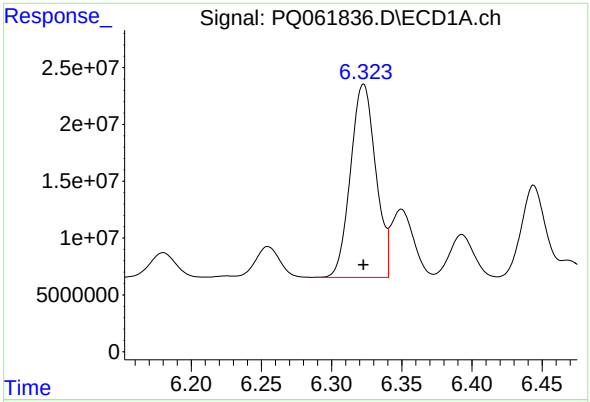
#31 AR-1260-1

R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 176396241
Conc: 748.08 ng/ml



#31 AR-1260-1

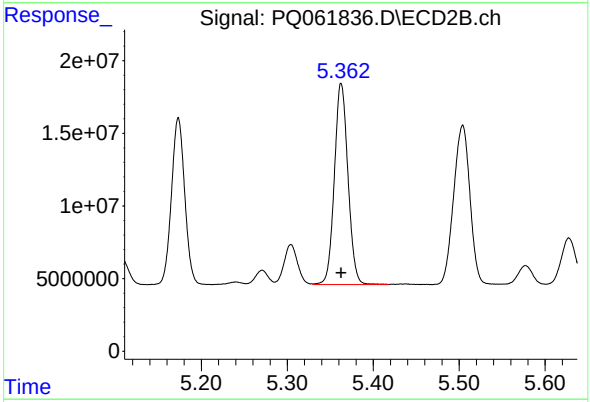
R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 123269953
Conc: 749.05 ng/ml



#32 AR-1260-2

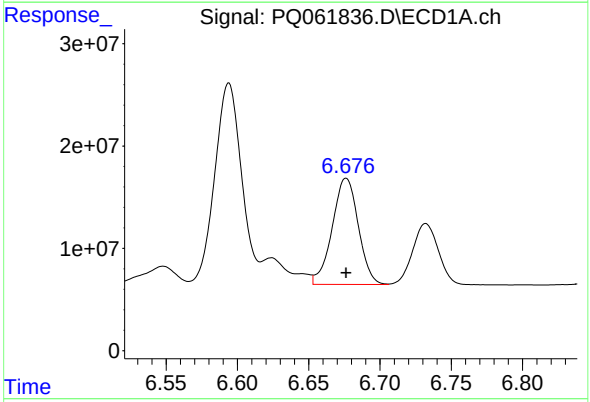
R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 212663891
Conc: 746.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



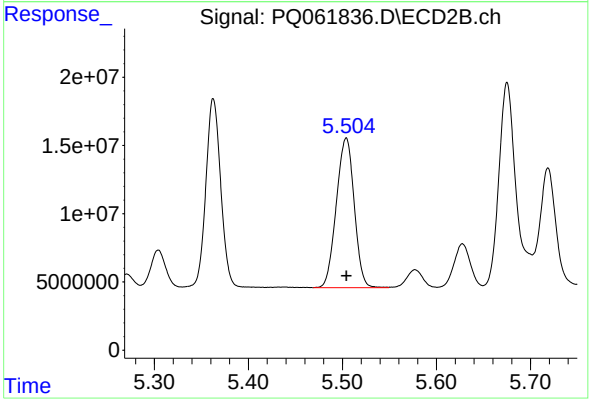
#32 AR-1260-2

R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 152210231
Conc: 748.85 ng/ml



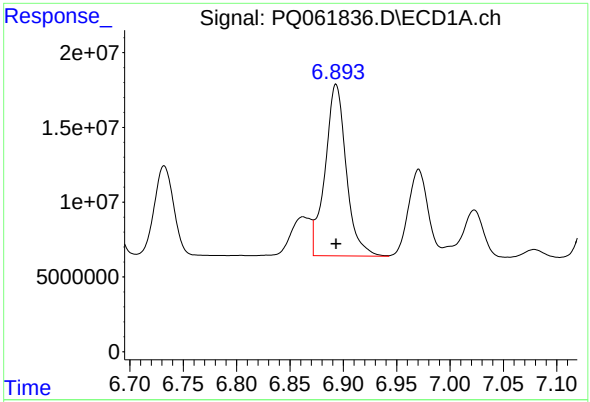
#33 AR-1260-3

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 132479863
Conc: 750.26 ng/ml



#33 AR-1260-3

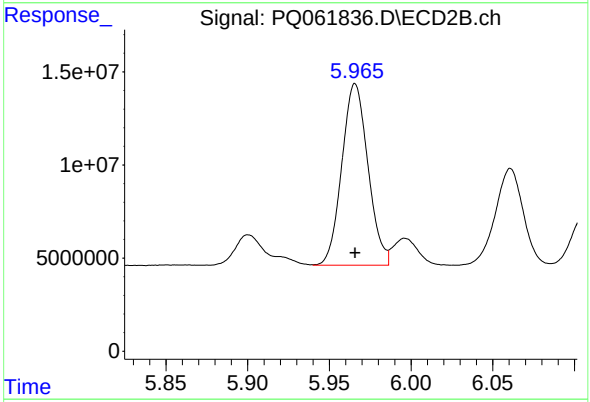
R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 144950457
Conc: 752.34 ng/ml



#34 AR-1260-4

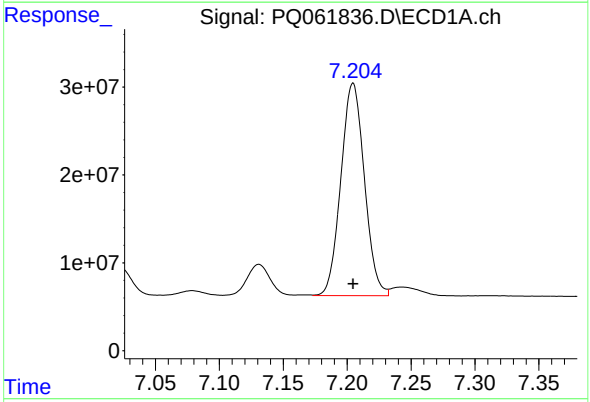
R.T.: 6.893 min
Delta R.T.: 0.000 min
Response: 157818588
Conc: 745.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



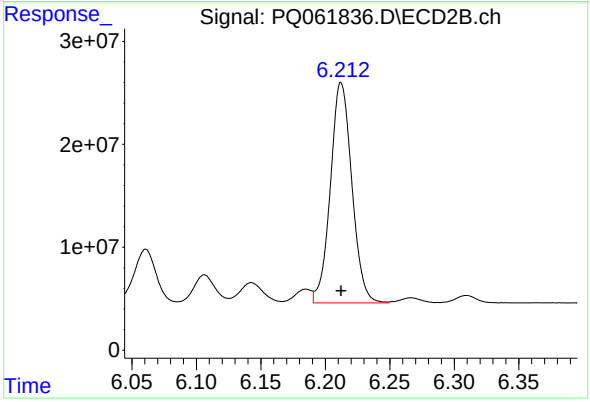
#34 AR-1260-4

R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 108599594
Conc: 749.30 ng/ml



#35 AR-1260-5

R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 310087136
Conc: 748.55 ng/ml



#35 AR-1260-5

R.T.: 6.212 min
Delta R.T.: 0.000 min
Response: 248662757
Conc: 742.70 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061837.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 03:33
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 05:50:19 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 05:48:16 2023
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...	3.404	2.759	250.5E6	127.8E6	50.000	50.000
2)	SA Decachlor...	8.584	7.529	185.4E6	169.0E6	50.000	50.000
	Target Compounds						
3)	L1 AR-1016-1	4.504	3.761	84139914	49899663	500.000	500.000
4)	L1 AR-1016-2	4.524	3.776	126.9E6	72894265	500.000	500.000
5)	L1 AR-1016-3	4.581	3.936	77530659	39080182	500.000	500.000
6)	L1 AR-1016-4	4.673	3.986	63531331	34106912	500.000	500.000
7)	L1 AR-1016-5	4.960	4.180	61802757	42210165	500.000	500.000
31)	L7 AR-1260-1	6.063	5.173	120.2E6	83726253	500.000	500.000
32)	L7 AR-1260-2	6.323	5.363	145.8E6	102.6E6	500.000	500.000
33)	L7 AR-1260-3	6.676	5.504	89853272	96617108	500.000	500.000
34)	L7 AR-1260-4	6.893	5.967	107.3E6	73321302	500.000	500.000
35)	L7 AR-1260-5	7.204	6.213	208.4E6	170.9E6	500.000	500.000

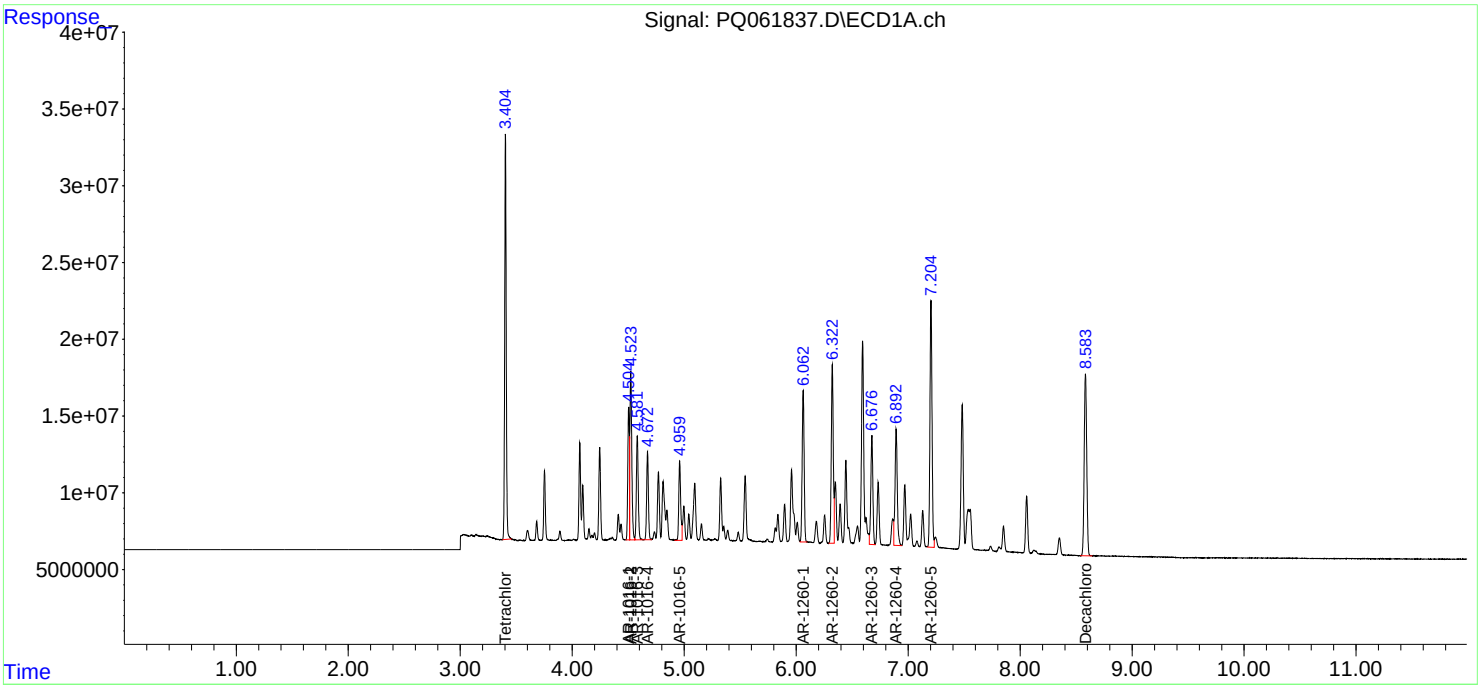
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

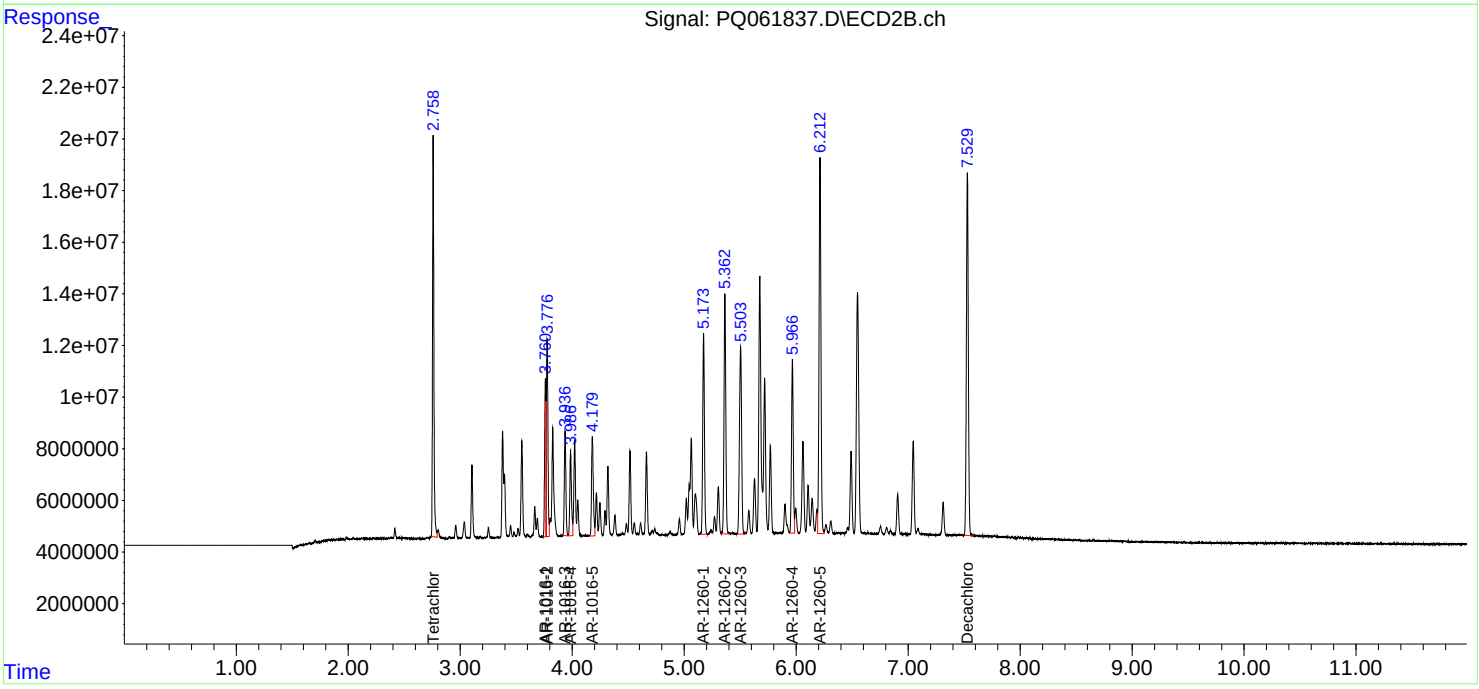
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061837.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 03:33
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 38 Sample Multiplier: 1

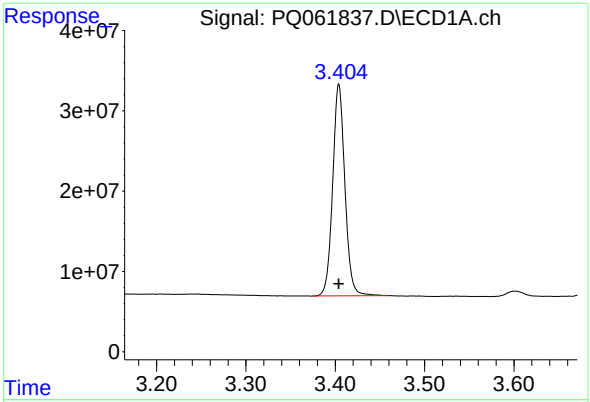
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 05:50:19 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 05:48:16 2023
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



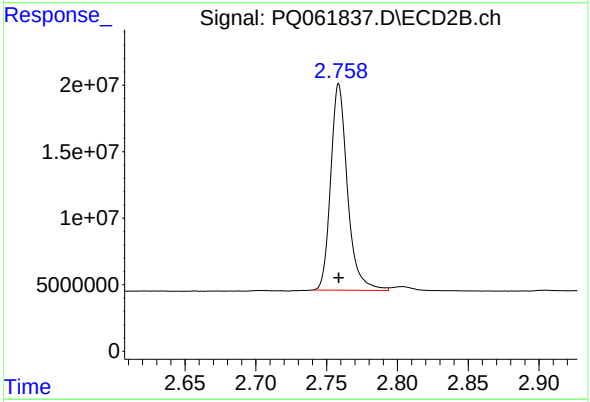




#1 Tetrachloro-m-xylene

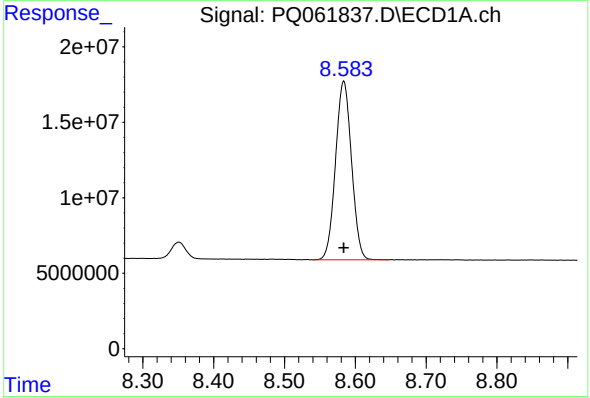
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 250549447
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



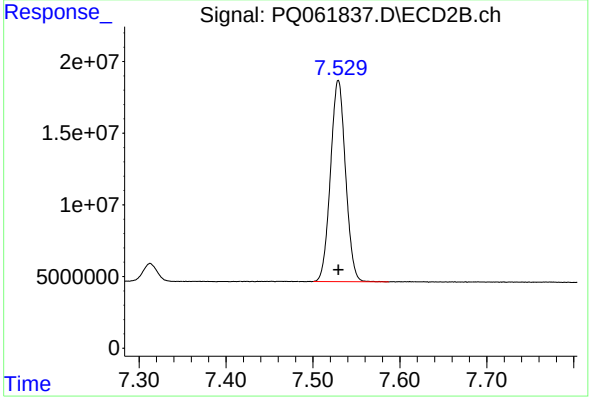
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 127807818
Conc: 50.00 ng/ml



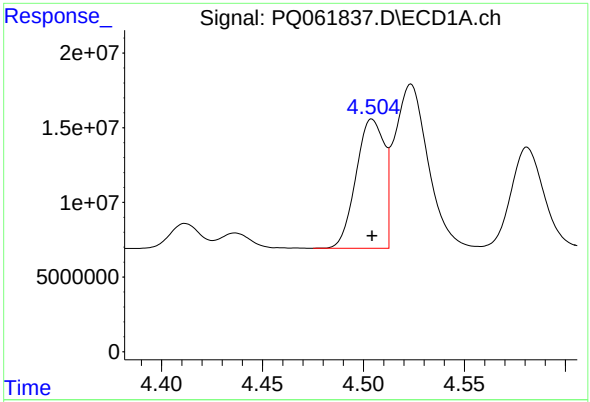
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 185427088
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

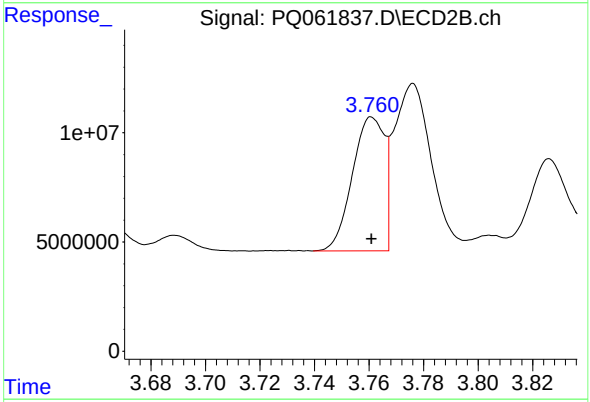
R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 168957620
Conc: 50.00 ng/ml



#3 AR-1016-1

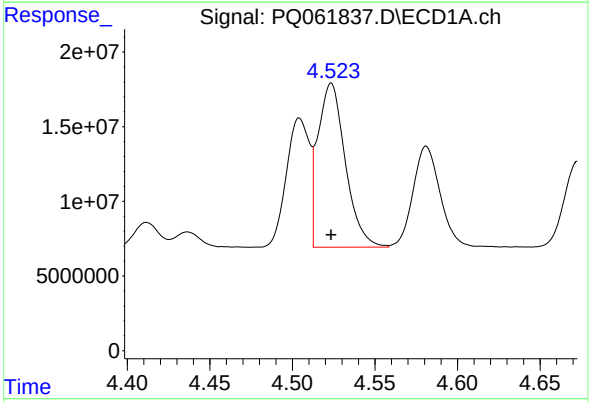
R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: 84139914
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



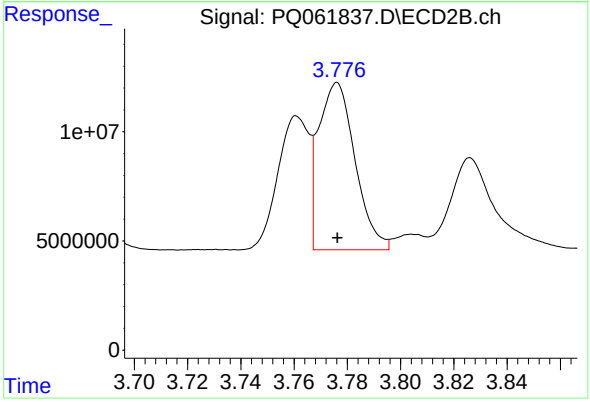
#3 AR-1016-1

R.T.: 3.761 min
Delta R.T.: 0.000 min
Response: 49899663
Conc: 500.00 ng/ml



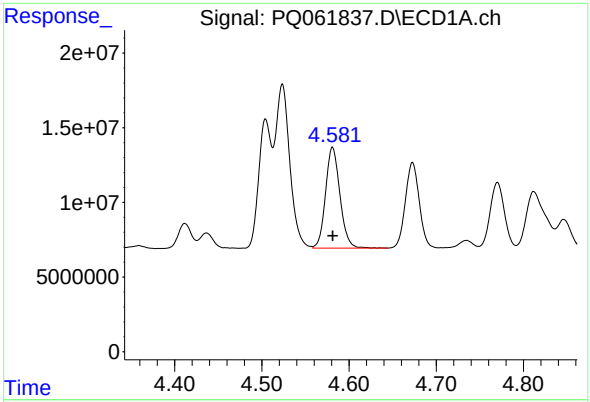
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 126909082
Conc: 500.00 ng/ml



#4 AR-1016-2

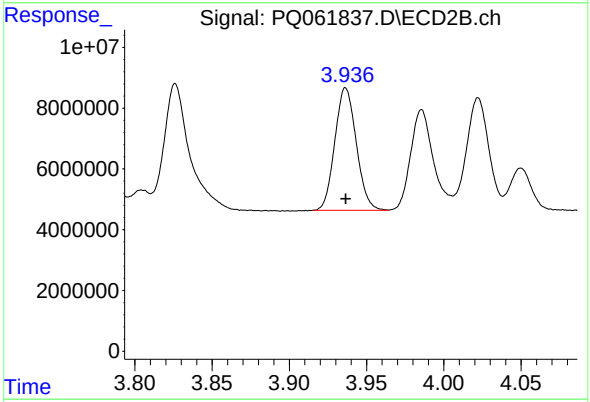
R.T.: 3.776 min
Delta R.T.: 0.000 min
Response: 72894265
Conc: 500.00 ng/ml



#5 AR-1016-3

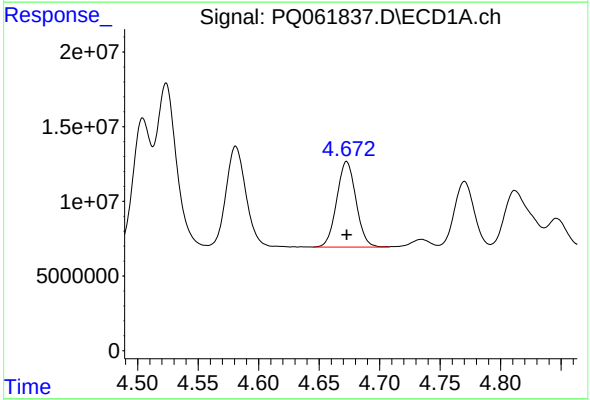
R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 77530659
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



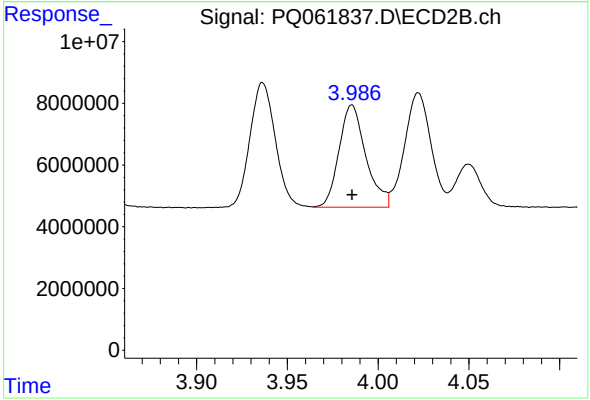
#5 AR-1016-3

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 39080182
Conc: 500.00 ng/ml



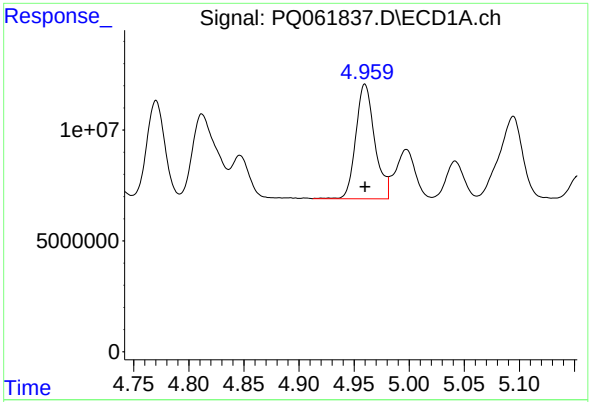
#6 AR-1016-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 63531331
Conc: 500.00 ng/ml



#6 AR-1016-4

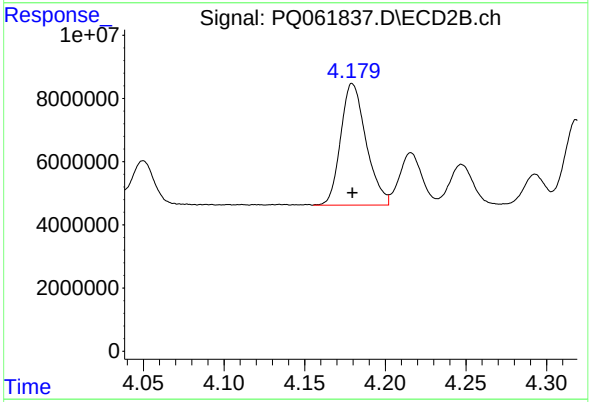
R.T.: 3.986 min
Delta R.T.: 0.000 min
Response: 34106912
Conc: 500.00 ng/ml



#7 AR-1016-5

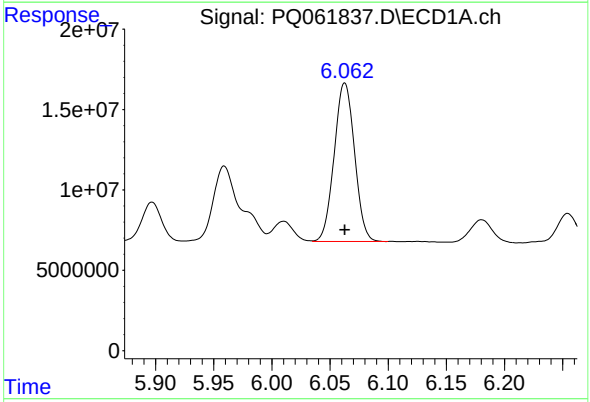
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 61802757
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



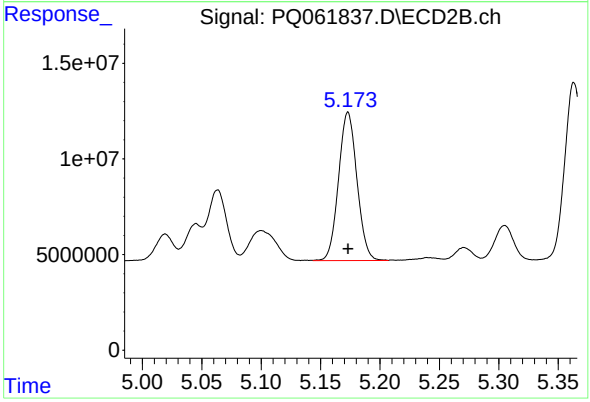
#7 AR-1016-5

R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 42210165
Conc: 500.00 ng/ml



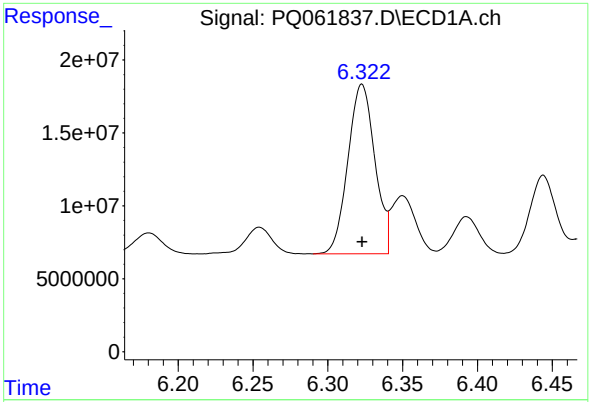
#31 AR-1260-1

R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 120193562
Conc: 500.00 ng/ml



#31 AR-1260-1

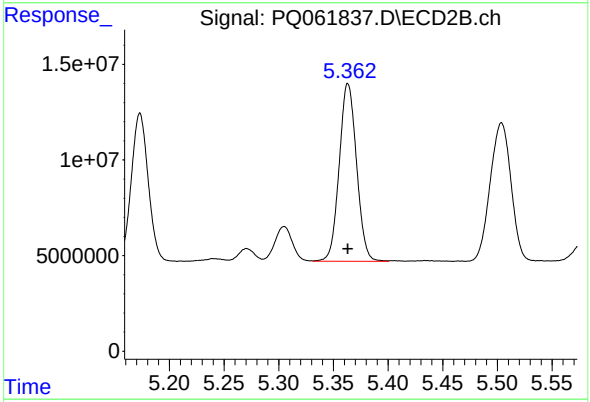
R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 83726253
Conc: 500.00 ng/ml



#32 AR-1260-2

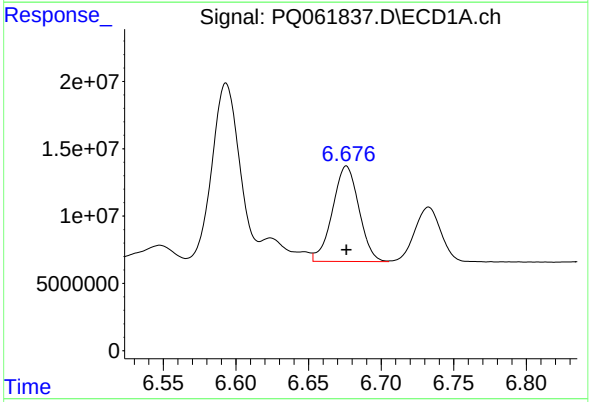
R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 145760396
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



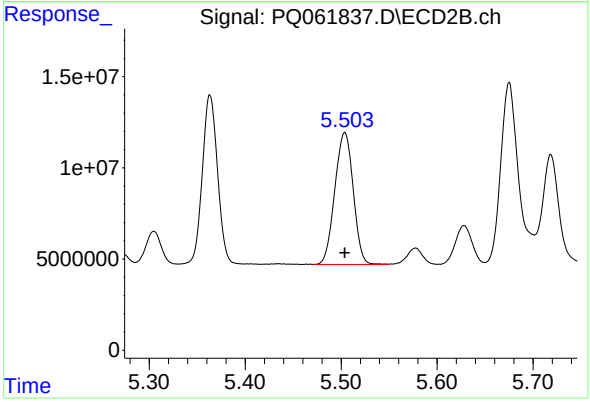
#32 AR-1260-2

R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 102573213
Conc: 500.00 ng/ml



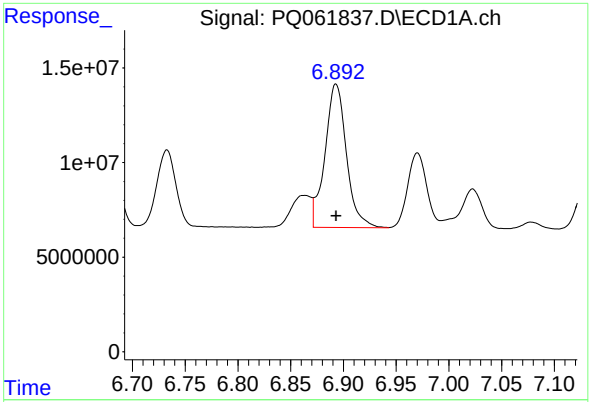
#33 AR-1260-3

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 89853272
Conc: 500.00 ng/ml



#33 AR-1260-3

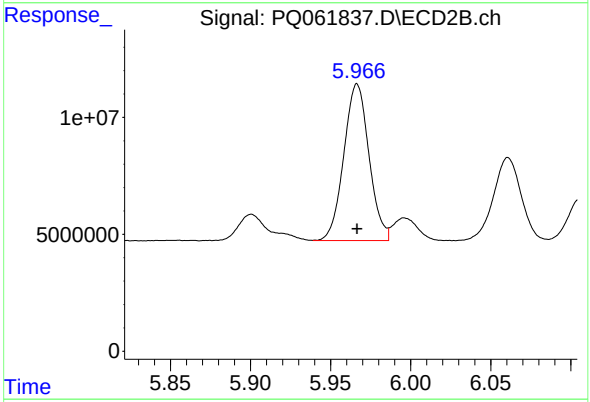
R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 96617108
Conc: 500.00 ng/ml



#34 AR-1260-4

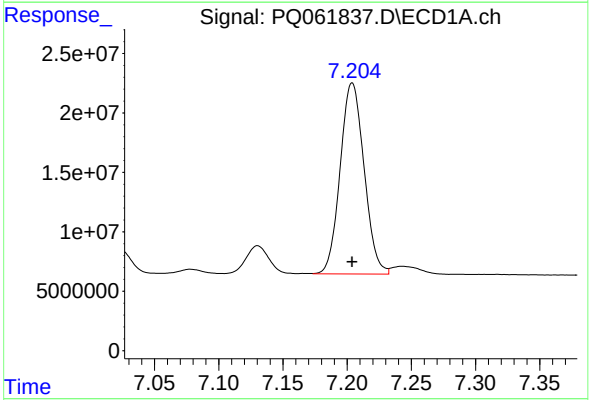
R.T.: 6.893 min
Delta R.T.: 0.000 min
Response: 107269764
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



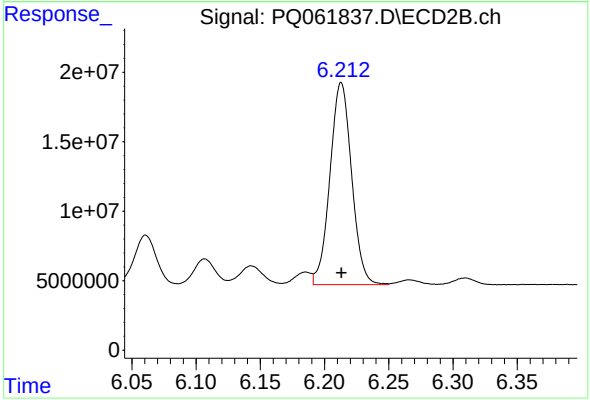
#34 AR-1260-4

R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 73321302
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.204 min
Delta R.T.: 0.000 min
Response: 208424111
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 6.213 min
Delta R.T.: 0.000 min
Response: 170932874
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061838.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 03:48
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 06:14:56 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 06:14:49 2023
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...	3.405	2.759	124.9E6	64421011	25.001	25.069
2)	SA Decachlor...	8.584	7.528	95308656	86195052	25.970	25.817
	Target Compounds						
3)	L1 AR-1016-1	4.505	3.761	43268530	26293640	256.198	262.811
4)	L1 AR-1016-2	4.524	3.776	63993514	37466149	254.284	257.389
5)	L1 AR-1016-3	4.581	3.936	39835573	20225365	258.519	261.241
6)	L1 AR-1016-4	4.673	3.985	32037155	17519247	253.162	263.641
7)	L1 AR-1016-5	4.960	4.180	31768719	21824882	258.928	265.143
31)	L7 AR-1260-1	6.063	5.173	61639075	43666782	258.458	261.333
32)	L7 AR-1260-2	6.323	5.363	75514179	53244831	261.221	258.860
33)	L7 AR-1260-3	6.676	5.504	45705976	49985641	256.574	257.016
34)	L7 AR-1260-4	6.893	5.966	54454428	37960693	255.335	258.832
35)	L7 AR-1260-5	7.204	6.213	105.5E6	84849778	253.556	252.561

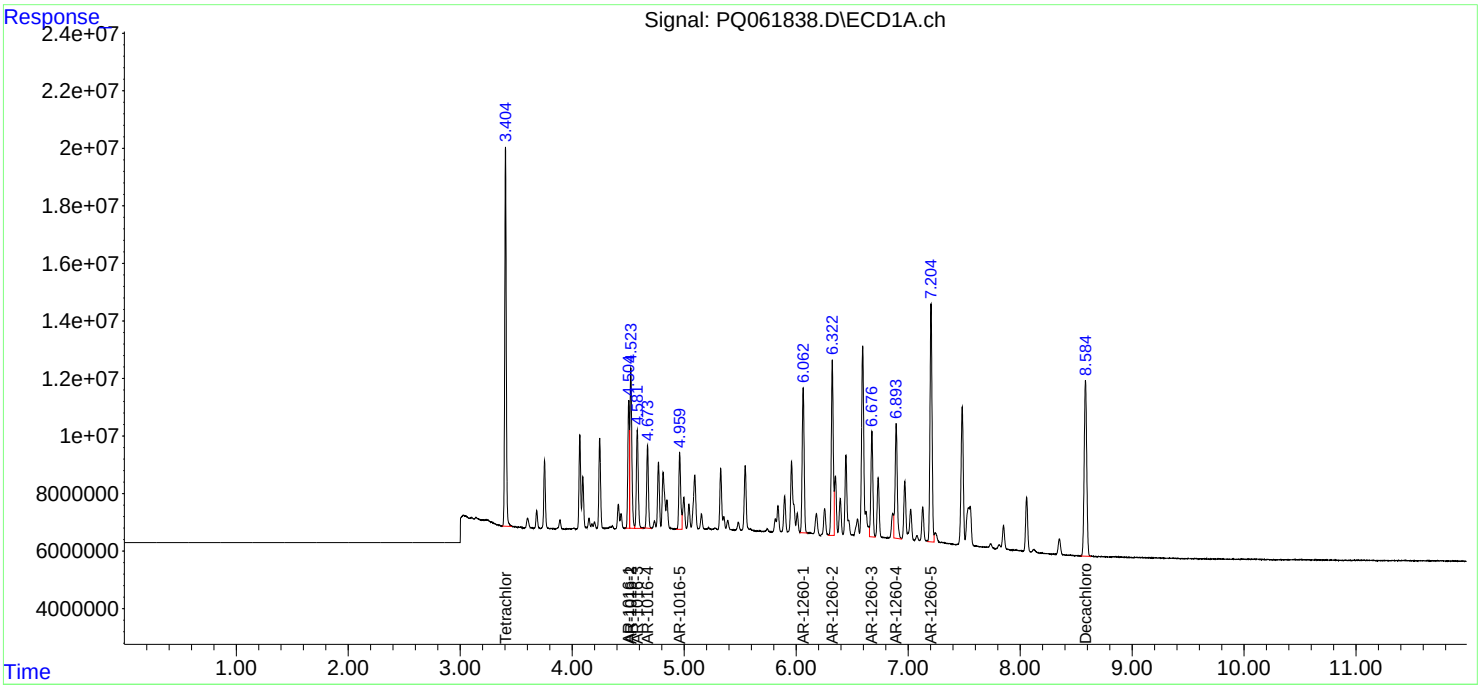
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

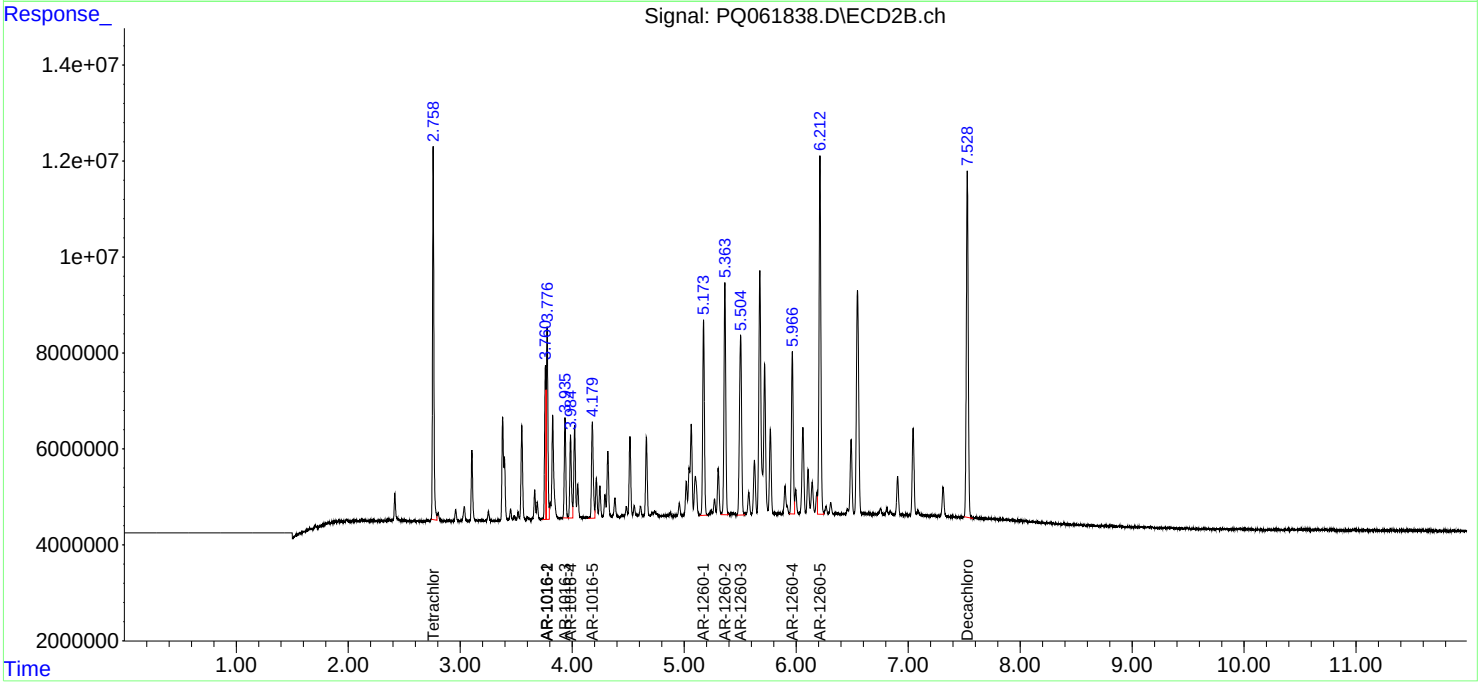
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061838.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 03:48
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 39 Sample Multiplier: 1

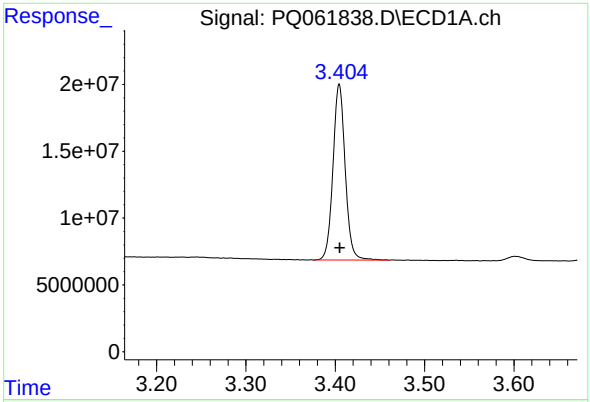
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 06:14:56 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 06:14:49 2023
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



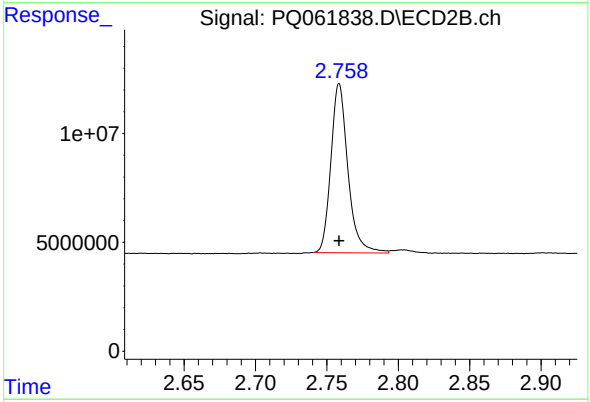




#1 Tetrachloro-m-xylene

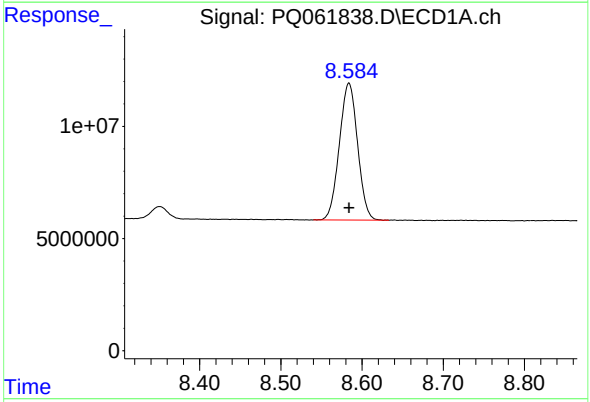
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 124926944
Conc: 25.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



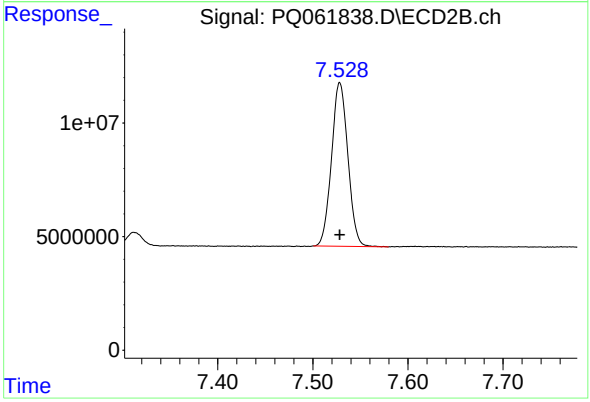
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 64421011
Conc: 25.07 ng/ml



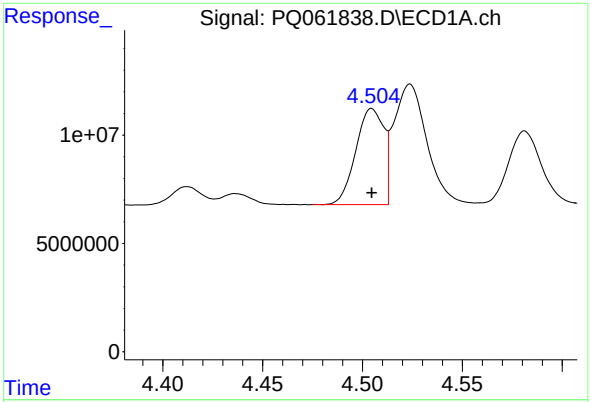
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 95308656
Conc: 25.97 ng/ml



#2 Decachlorobiphenyl

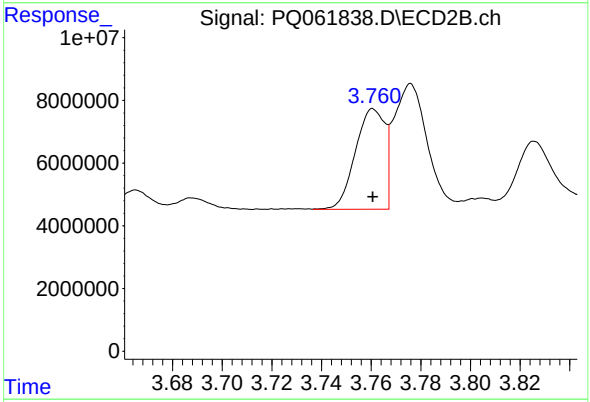
R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 86195052
Conc: 25.82 ng/ml



#3 AR-1016-1

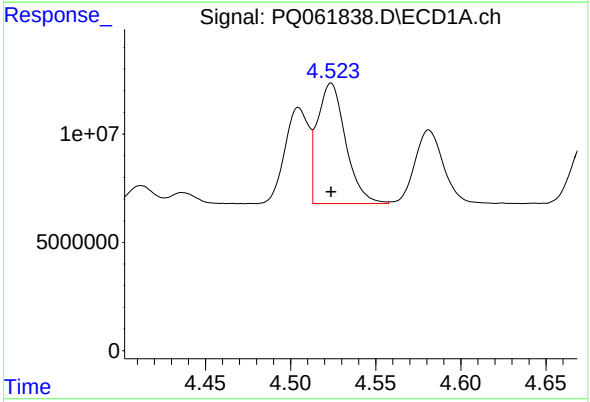
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 43268530
Conc: 256.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



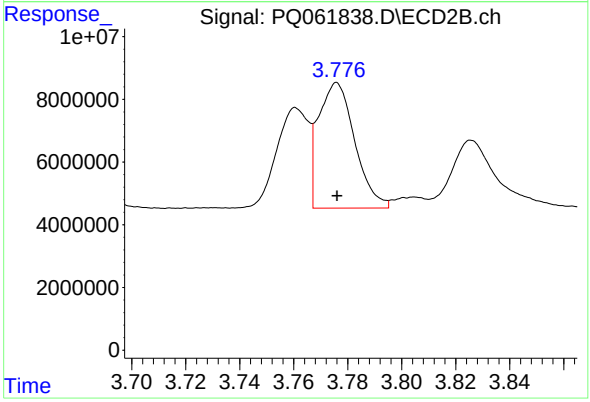
#3 AR-1016-1

R.T.: 3.761 min
Delta R.T.: 0.000 min
Response: 26293640
Conc: 262.81 ng/ml



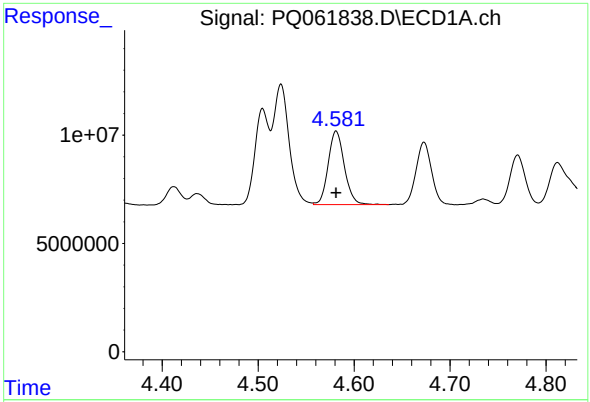
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 63993514
Conc: 254.28 ng/ml



#4 AR-1016-2

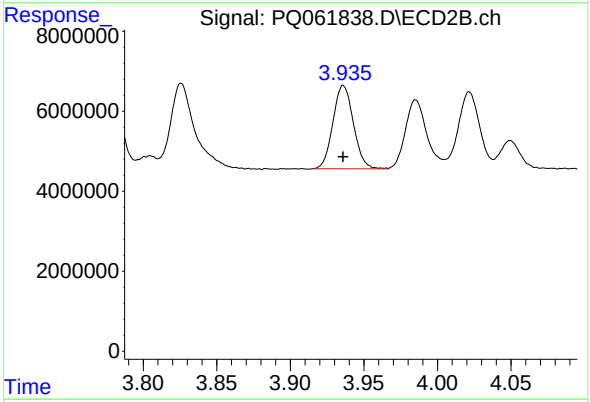
R.T.: 3.776 min
Delta R.T.: 0.000 min
Response: 37466149
Conc: 257.39 ng/ml



#5 AR-1016-3

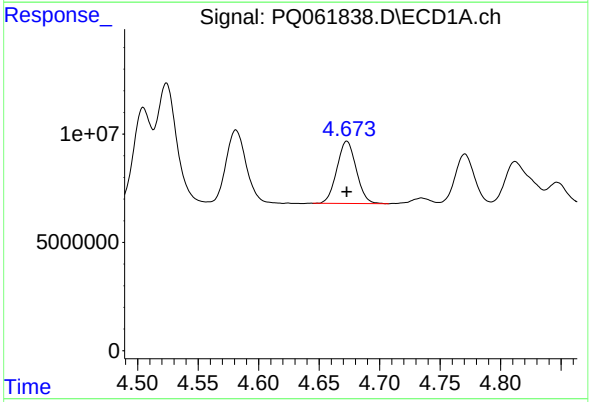
R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 39835573
Conc: 258.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



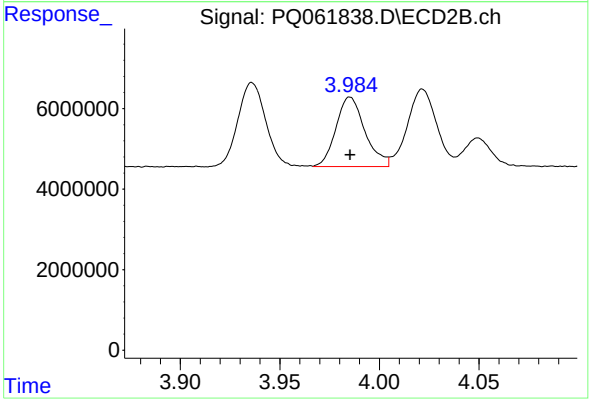
#5 AR-1016-3

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 20225365
Conc: 261.24 ng/ml



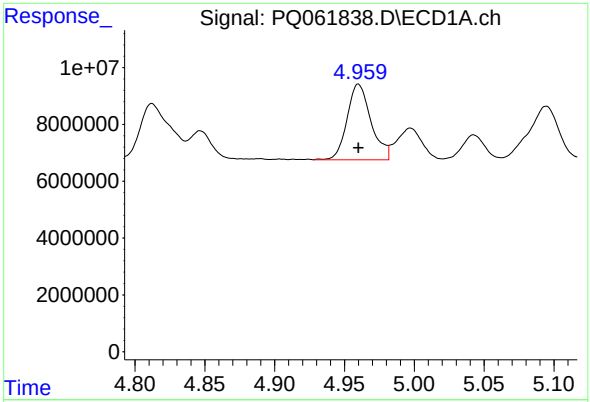
#6 AR-1016-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 32037155
Conc: 253.16 ng/ml



#6 AR-1016-4

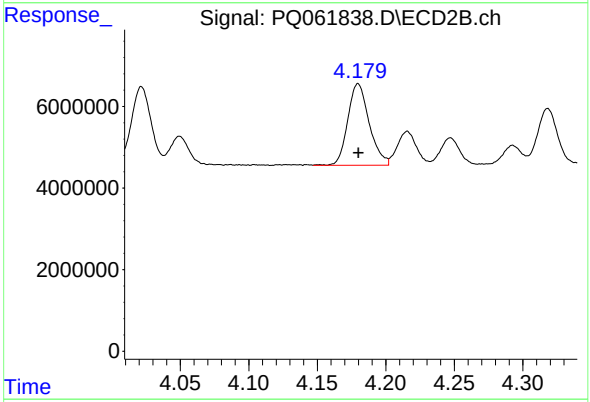
R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 17519247
Conc: 263.64 ng/ml



#7 AR-1016-5

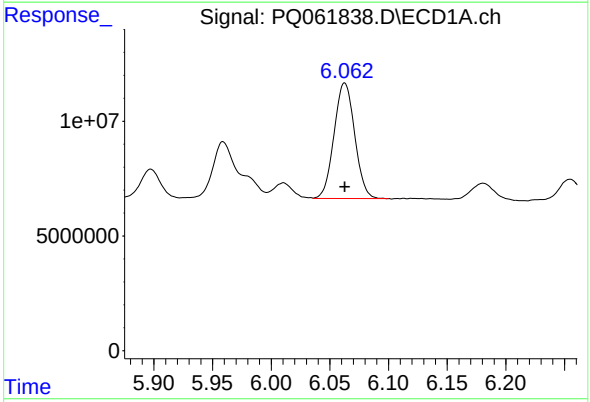
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 31768719
Conc: 258.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



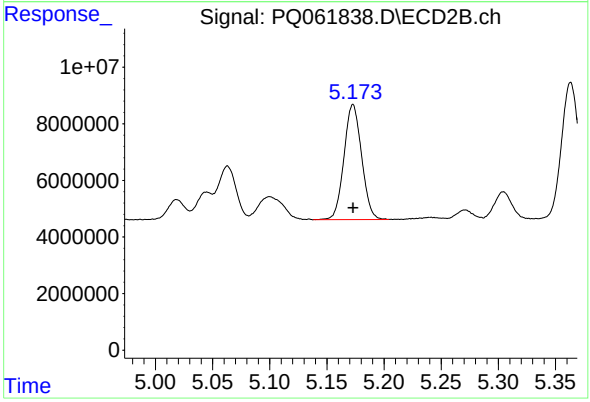
#7 AR-1016-5

R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 21824882
Conc: 265.14 ng/ml



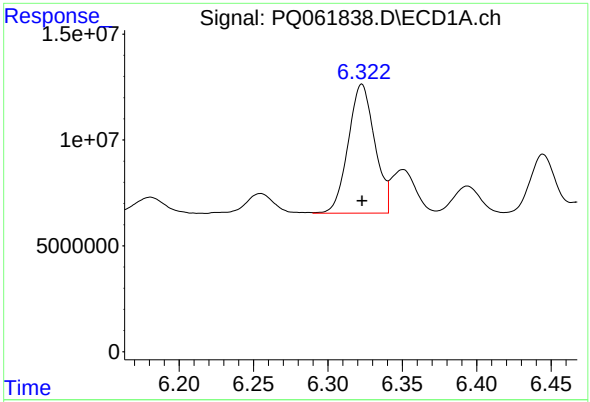
#31 AR-1260-1

R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 61639075
Conc: 258.46 ng/ml



#31 AR-1260-1

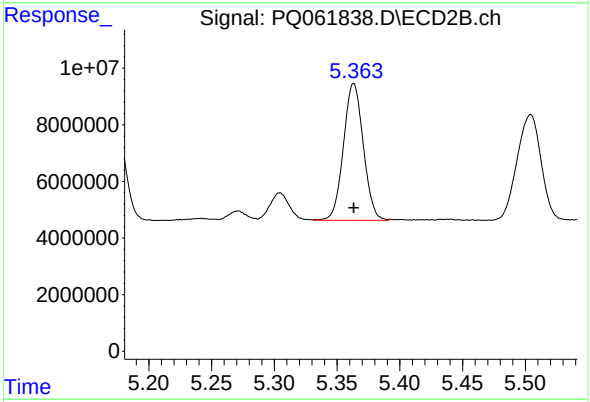
R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 43666782
Conc: 261.33 ng/ml



#32 AR-1260-2

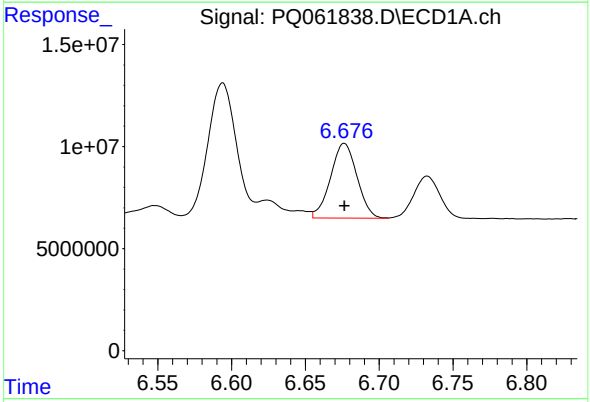
R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 75514179
Conc: 261.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



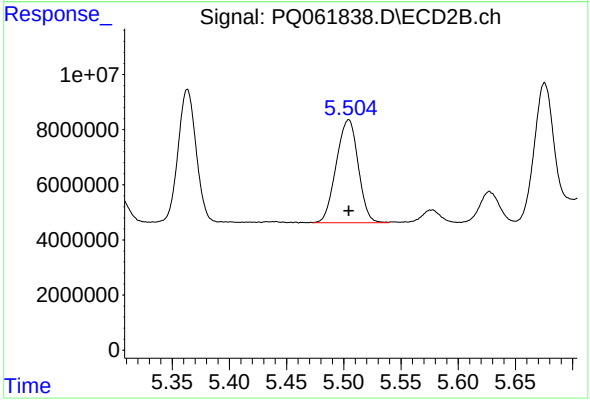
#32 AR-1260-2

R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 53244831
Conc: 258.86 ng/ml



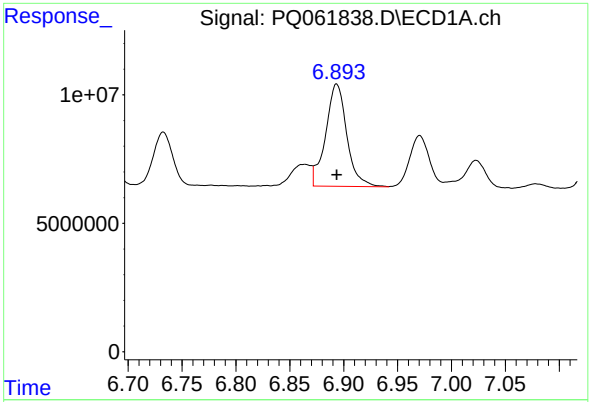
#33 AR-1260-3

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 45705976
Conc: 256.57 ng/ml



#33 AR-1260-3

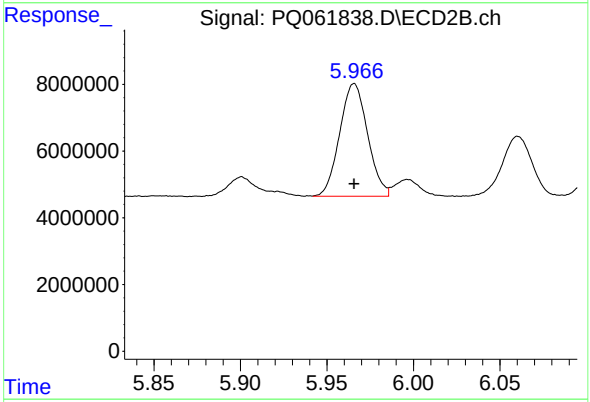
R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 49985641
Conc: 257.02 ng/ml



#34 AR-1260-4

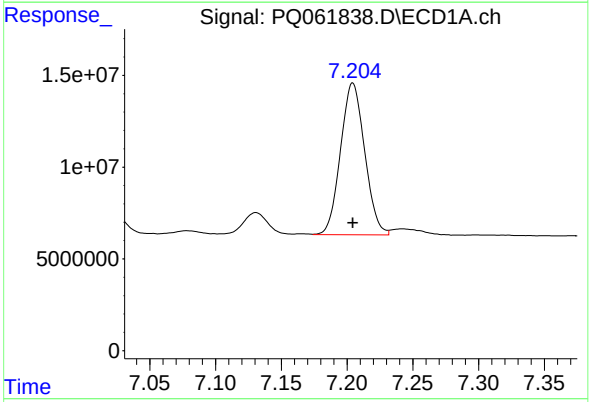
R.T.: 6.893 min
Delta R.T.: 0.000 min
Response: 54454428
Conc: 255.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



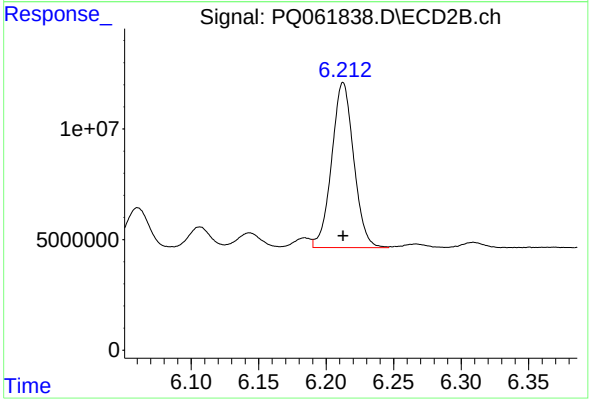
#34 AR-1260-4

R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 37960693
Conc: 258.83 ng/ml



#35 AR-1260-5

R.T.: 7.204 min
Delta R.T.: 0.000 min
Response: 105536495
Conc: 253.56 ng/ml



#35 AR-1260-5

R.T.: 6.213 min
Delta R.T.: 0.000 min
Response: 84849778
Conc: 252.56 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061839.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 04:02
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Ankita Jodhani 07/05/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 06:43:34 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 06:43:27 2023
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...	3.404	2.759	22018728	11332529	4.514	4.517
2)	SA Decachlor...	8.583	7.529	17419338	16531228	4.795	4.961
	Target Compounds						
3)	L1 AR-1016-1	4.505	3.761	7402104	4734310	44.938	47.833
4)	L1 AR-1016-2	4.524	3.776	11484743	6937295	46.446	48.109
5)	L1 AR-1016-3	4.581	3.936	7283059	3376584	47.787	44.757
6)	L1 AR-1016-4	4.674	3.985	6026668	3129548	48.081	47.649
7)	L1 AR-1016-5	4.960	4.179	5890538	4032672	48.395	49.190
31)	L7 AR-1260-1	6.062	5.174	11285268	8219774	47.833	49.352
32)	L7 AR-1260-2	6.322	5.363	14386818	10848653	49.814	52.274m
33)	L7 AR-1260-3	6.676	5.504	8516151	9742784	48.229	50.076
34)	L7 AR-1260-4	6.893	5.966	10009128	7133064	47.516	48.903
35)	L7 AR-1260-5	7.204	6.213	19407017	15823178	47.264	47.652

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061839.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 04:02
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 40 Sample Multiplier: 1

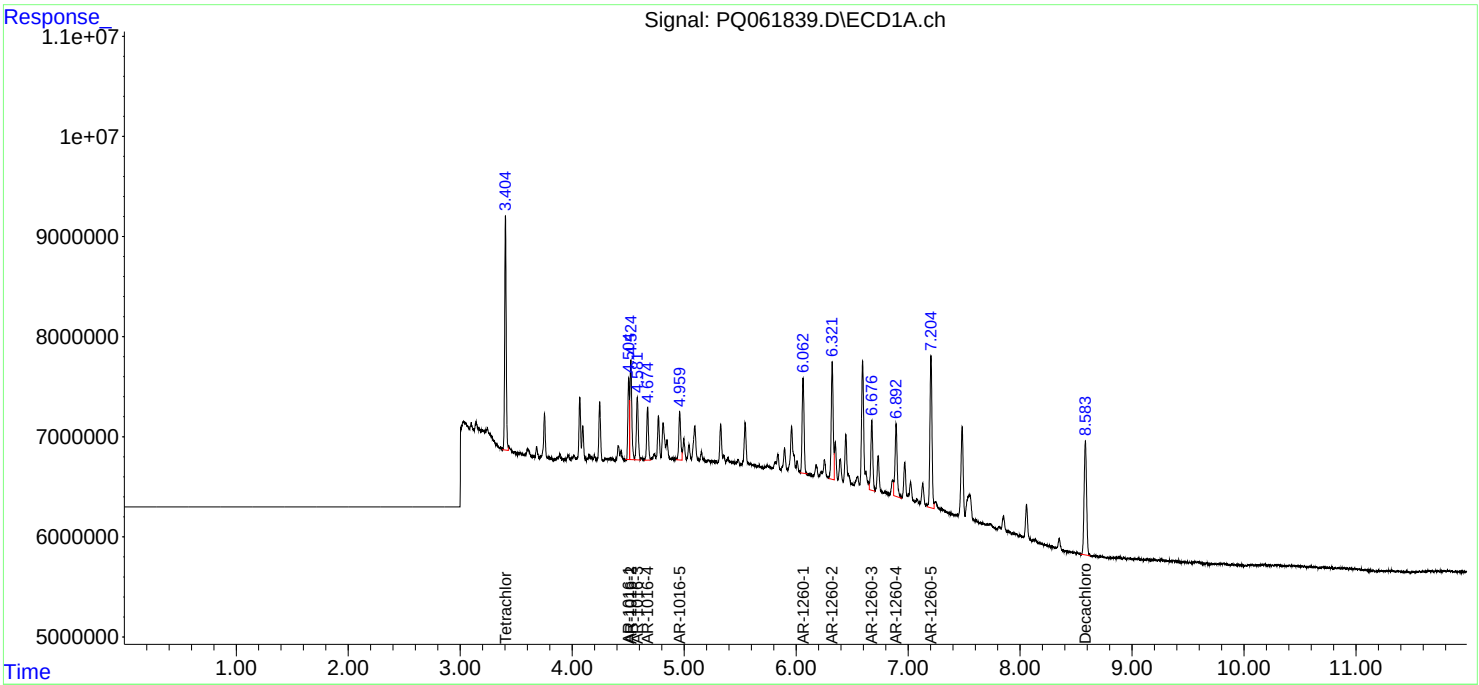
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

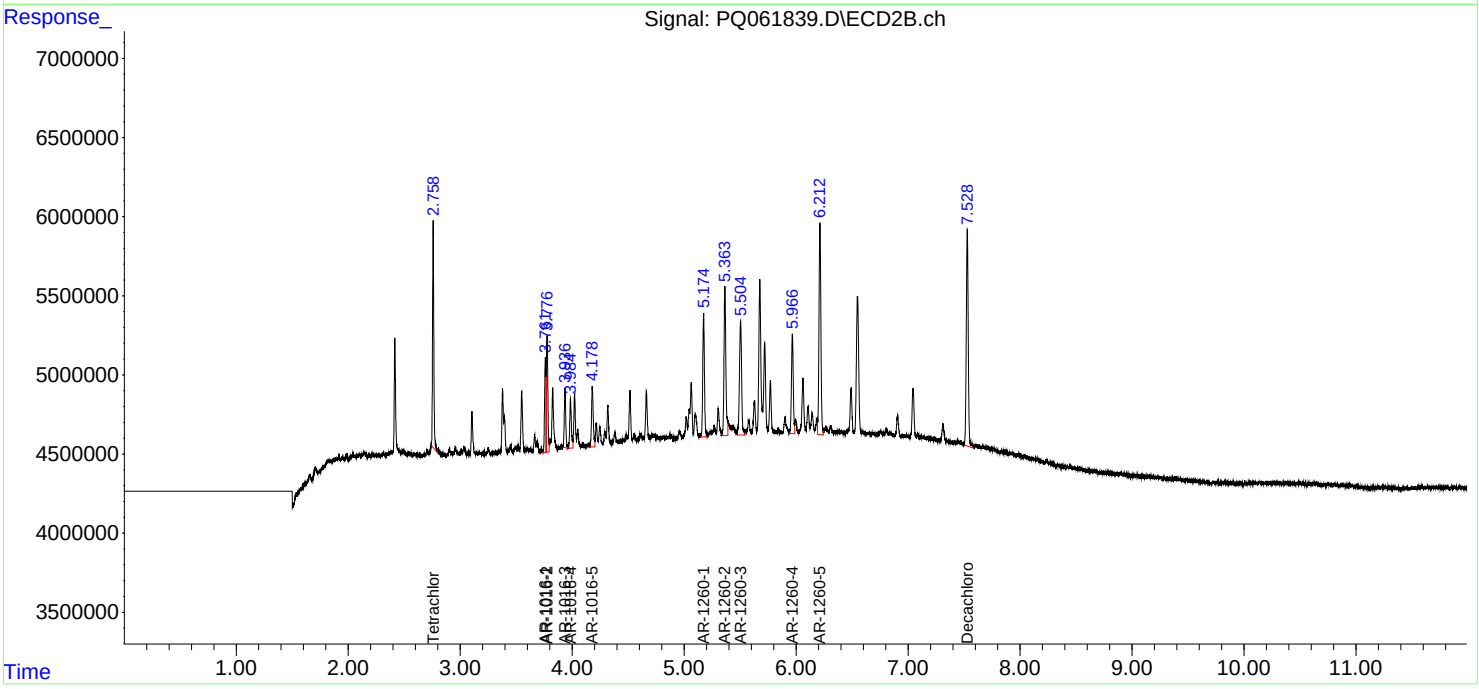
Manual Integrations APPROVED

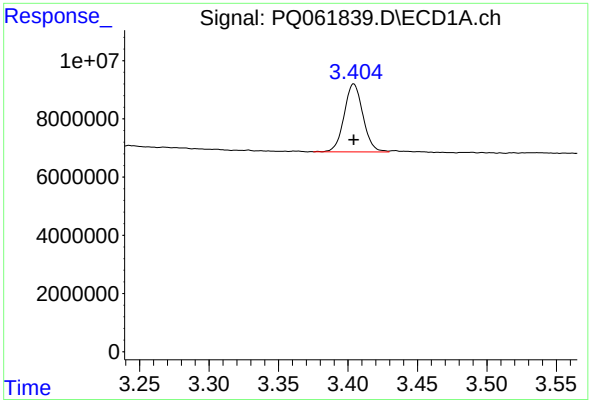
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Ankita Jodhani 07/05/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 06:43:34 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 06:43:27 2023
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







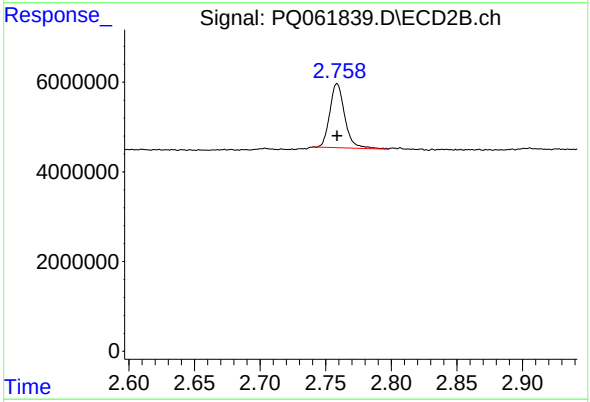
#1 Tetrachloro-m-xylene

R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 22018728
Conc: 4.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

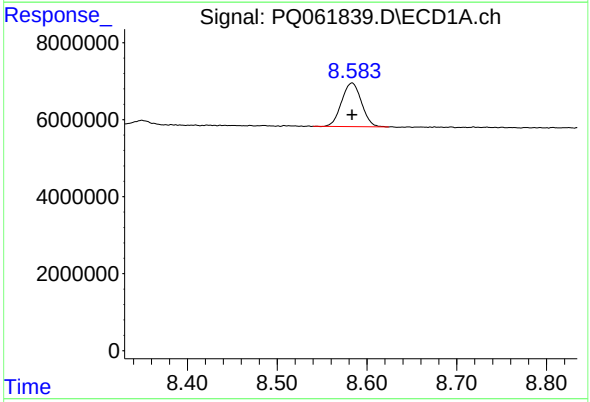
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Ankita Jodhani 07/05/2023



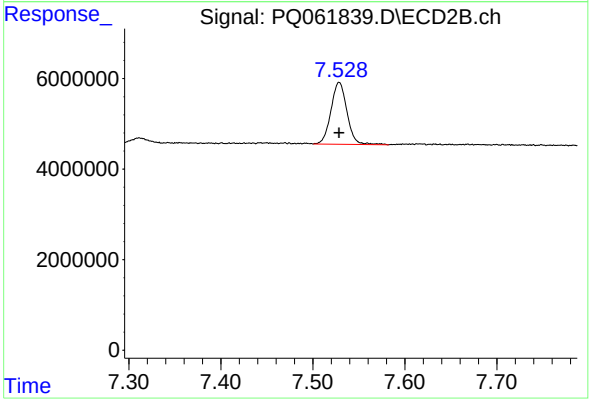
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 11332529
Conc: 4.52 ng/ml



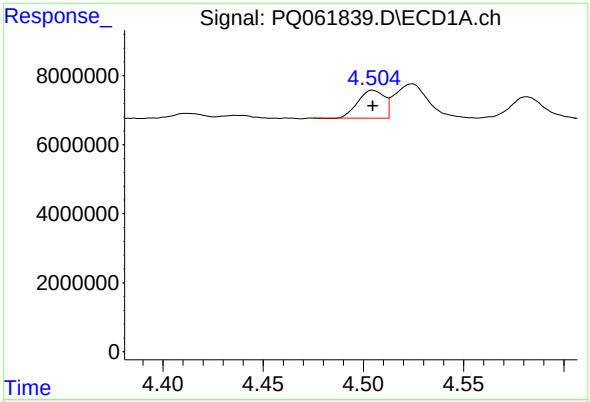
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 17419338
Conc: 4.80 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 16531228
Conc: 4.96 ng/ml



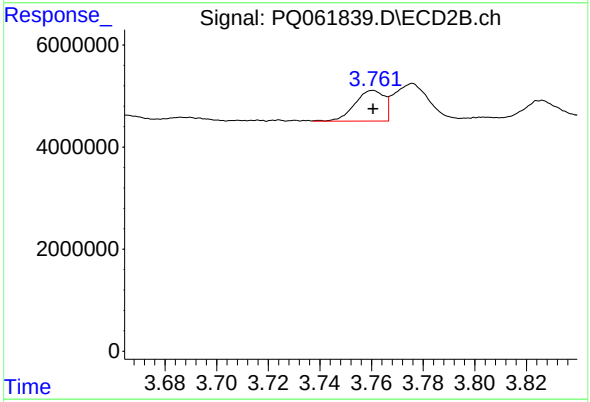
#3 AR-1016-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 7402104
Conc: 44.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

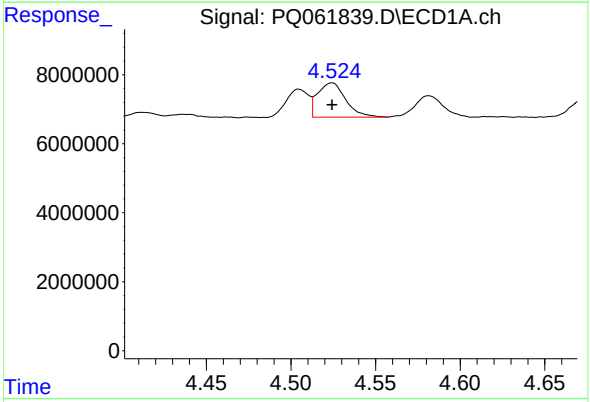
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Ankita Jodhani 07/05/2023



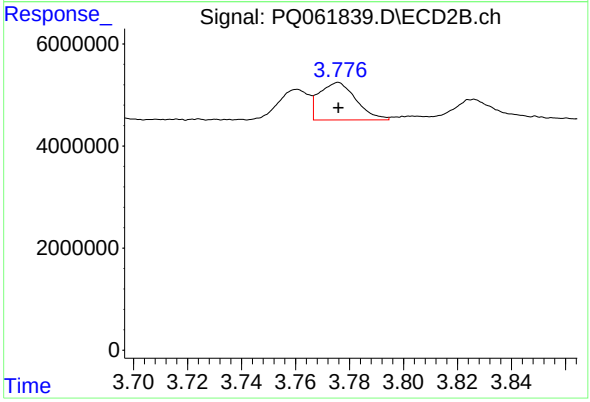
#3 AR-1016-1

R.T.: 3.761 min
Delta R.T.: 0.000 min
Response: 4734310
Conc: 47.83 ng/ml



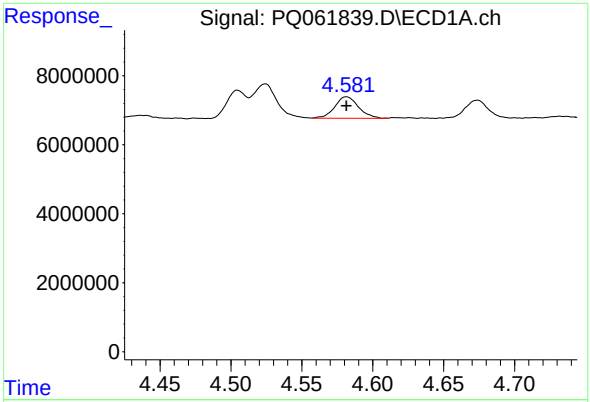
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 11484743
Conc: 46.45 ng/ml



#4 AR-1016-2

R.T.: 3.776 min
Delta R.T.: 0.000 min
Response: 6937295
Conc: 48.11 ng/ml



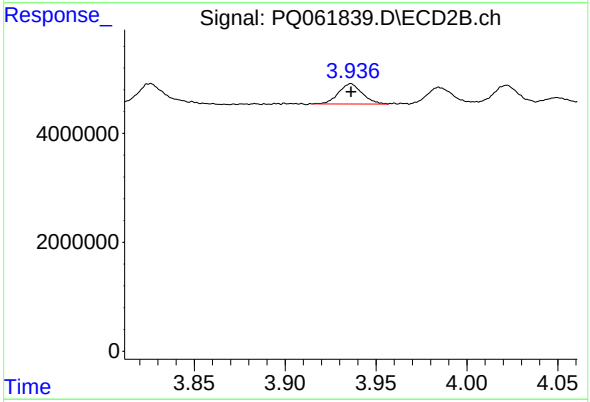
#5 AR-1016-3

R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 7283059
Conc: 47.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

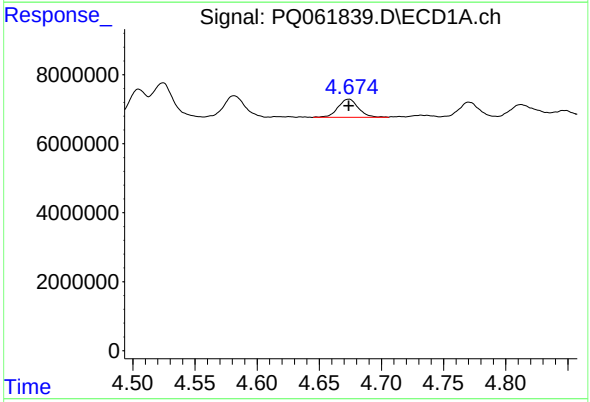
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Ankita Jodhani 07/05/2023



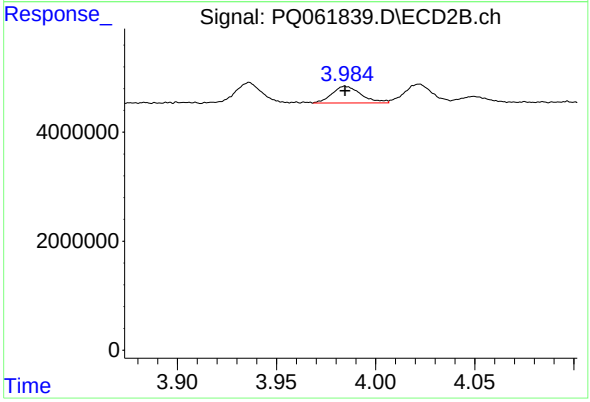
#5 AR-1016-3

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 3376584
Conc: 44.76 ng/ml



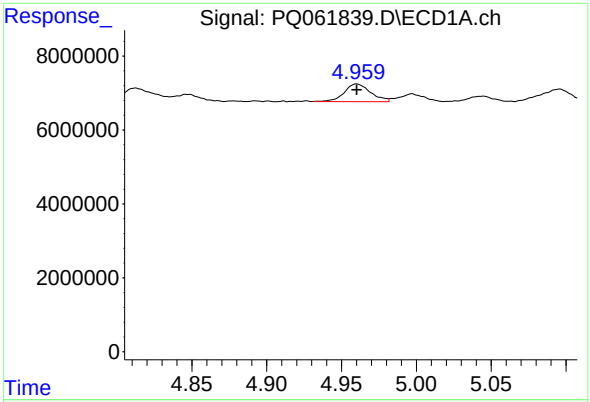
#6 AR-1016-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 6026668
Conc: 48.08 ng/ml



#6 AR-1016-4

R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 3129548
Conc: 47.65 ng/ml



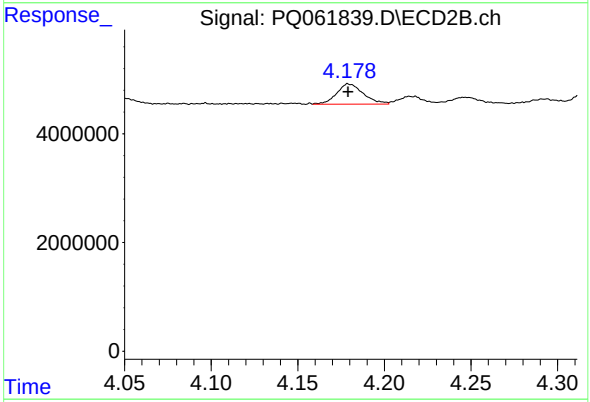
#7 AR-1016-5

R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 5890538
Conc: 48.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

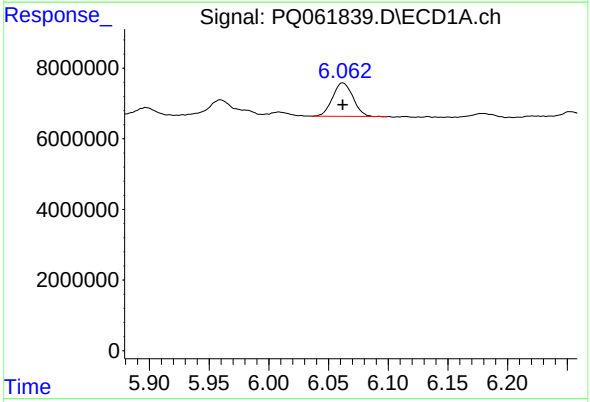
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Ankita Jodhani 07/05/2023



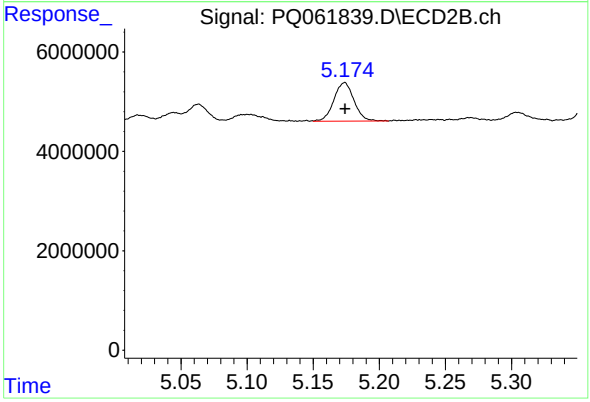
#7 AR-1016-5

R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 4032672
Conc: 49.19 ng/ml



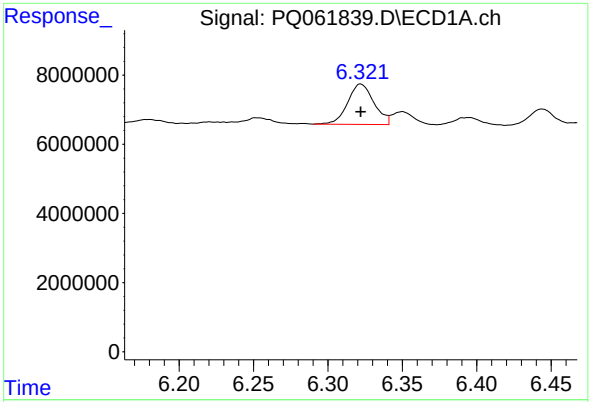
#31 AR-1260-1

R.T.: 6.062 min
Delta R.T.: 0.000 min
Response: 11285268
Conc: 47.83 ng/ml



#31 AR-1260-1

R.T.: 5.174 min
Delta R.T.: 0.000 min
Response: 8219774
Conc: 49.35 ng/ml



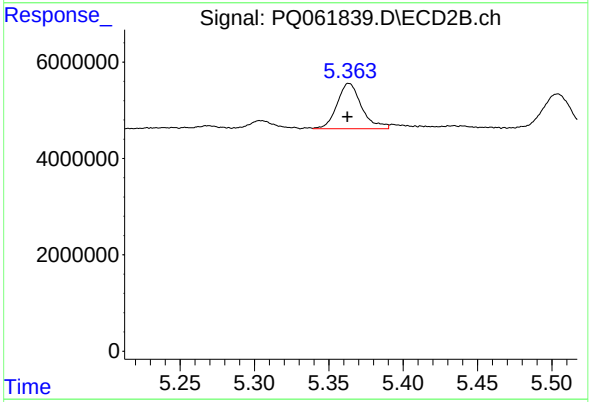
#32 AR-1260-2

R.T.: 6.322 min
Delta R.T.: 0.000 min
Response: 14386818
Conc: 49.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

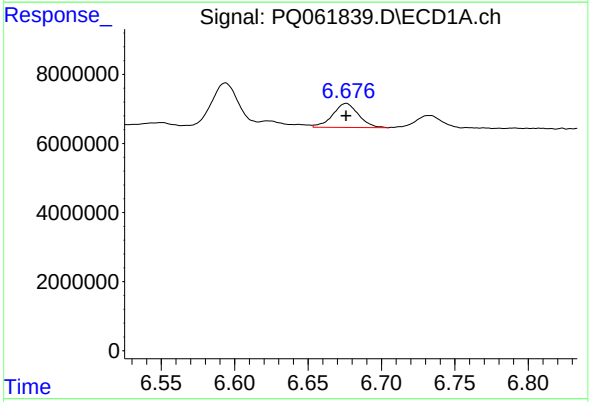
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Ankita Jodhani 07/05/2023



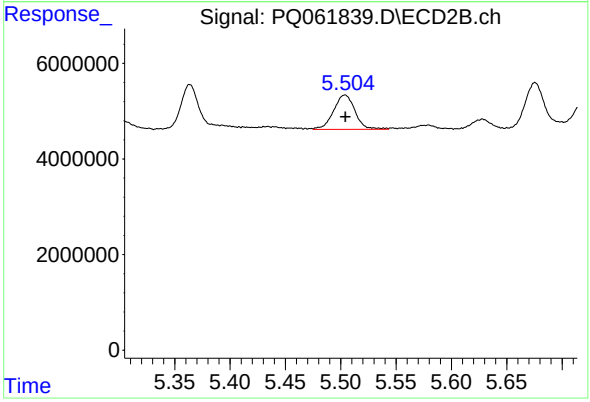
#32 AR-1260-2

R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 10848653
Conc: 52.27 ng/ml m



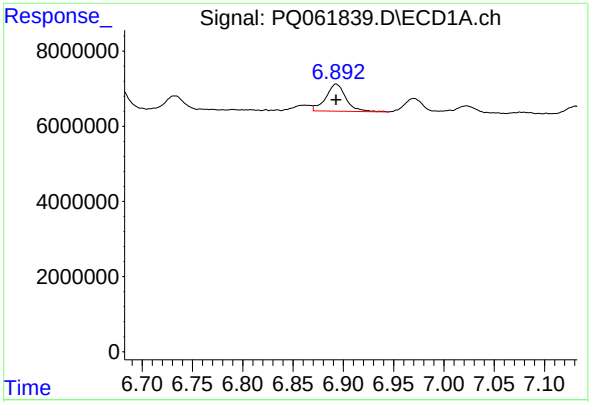
#33 AR-1260-3

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 8516151
Conc: 48.23 ng/ml



#33 AR-1260-3

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 9742784
Conc: 50.08 ng/ml



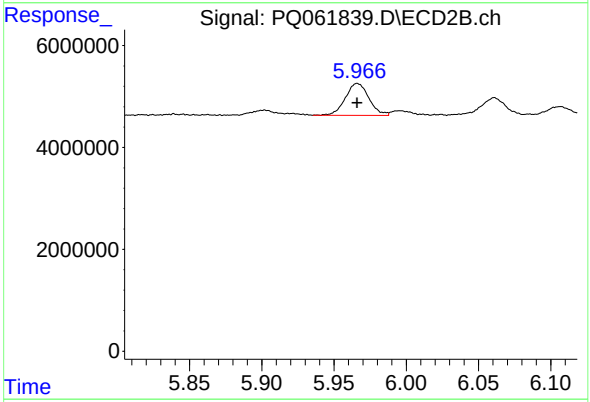
#34 AR-1260-4

R.T.: 6.893 min
Delta R.T.: 0.000 min
Response: 10009128
Conc: 47.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

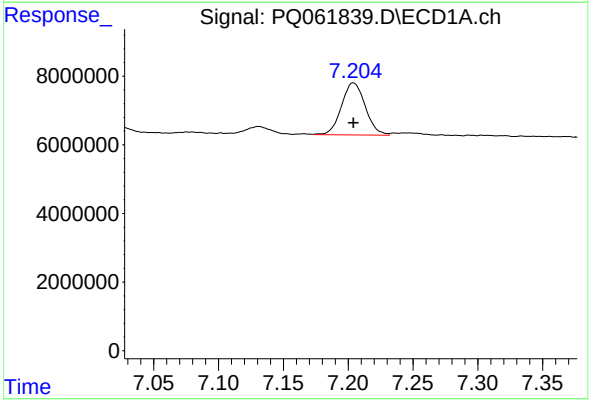
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Ankita Jodhani 07/05/2023



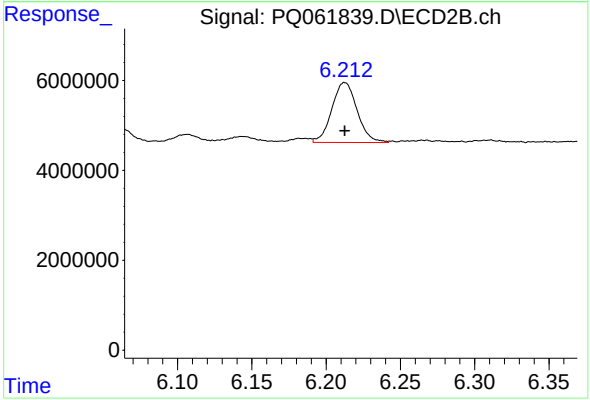
#34 AR-1260-4

R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 7133064
Conc: 48.90 ng/ml



#35 AR-1260-5

R.T.: 7.204 min
Delta R.T.: 0.000 min
Response: 19407017
Conc: 47.26 ng/ml



#35 AR-1260-5

R.T.: 6.213 min
Delta R.T.: 0.000 min
Response: 15823178
Conc: 47.65 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061840.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 04:17
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 06:54:29 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 06:54:07 2023
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...	3.404	2.759	262.3E6	133.0E6	50.000	50.000
2)	SA Decachlor...	8.584	7.529	188.4E6	170.4E6	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	3.605	2.961	30053917	16498256	500.000	500.000
9)	L2 AR-1221-2	3.683	3.037	22466329	12700031	500.000	500.000
10)	L2 AR-1221-3	3.753	3.105	70259118	38545443	500.000	500.000

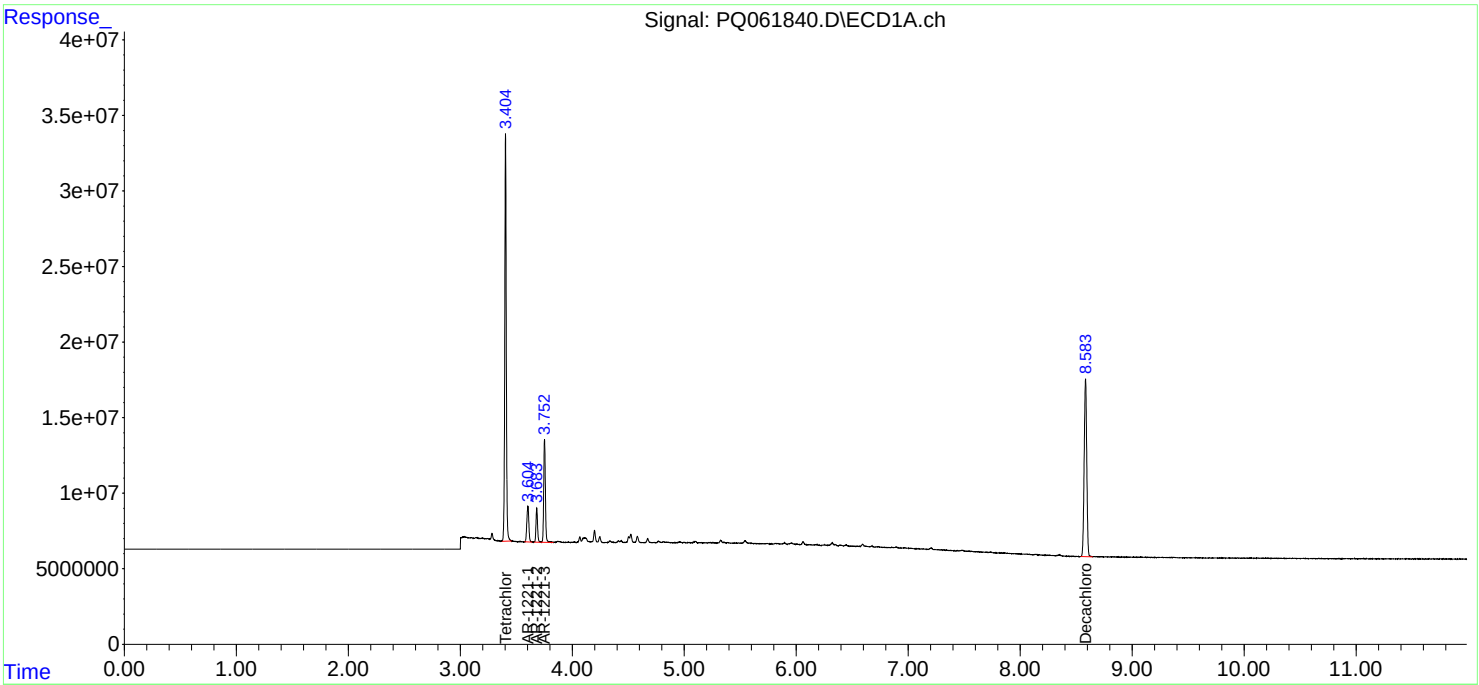
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

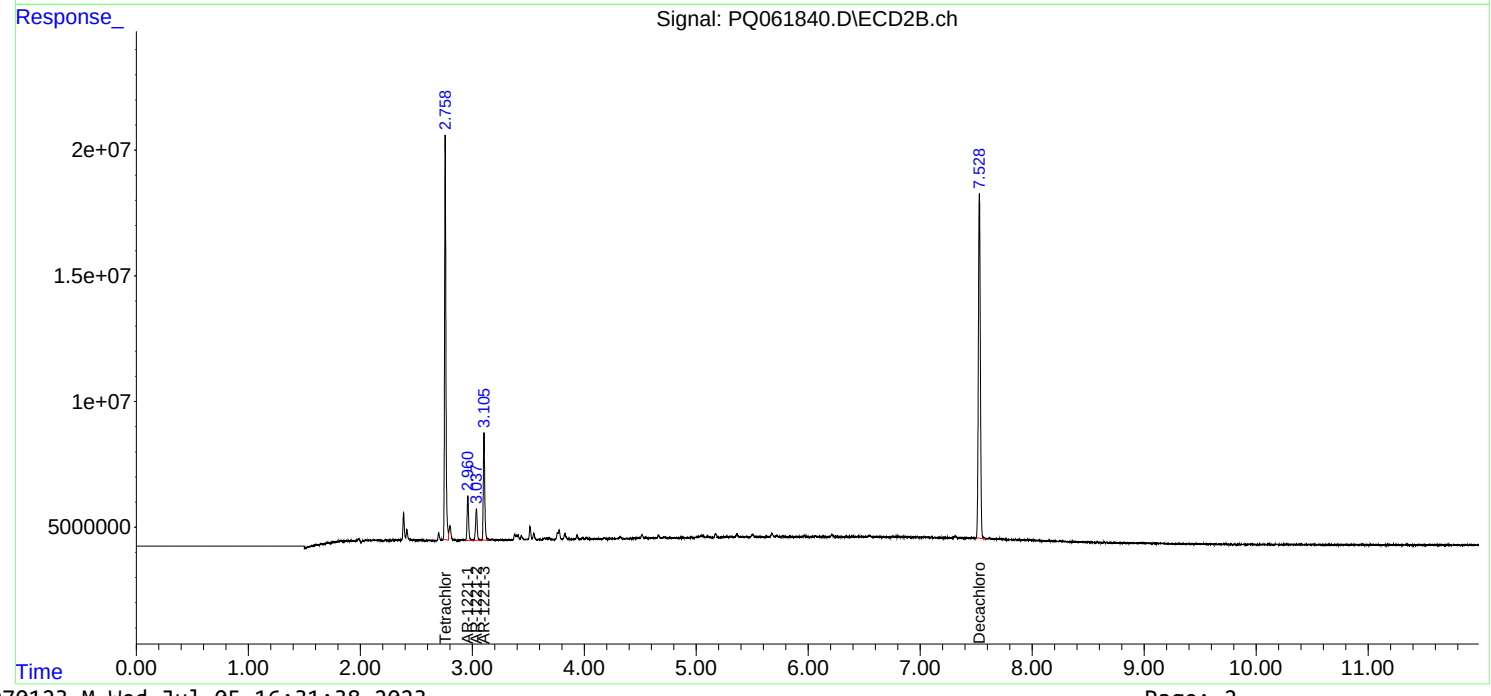
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061840.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 04:17
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 41 Sample Multiplier: 1

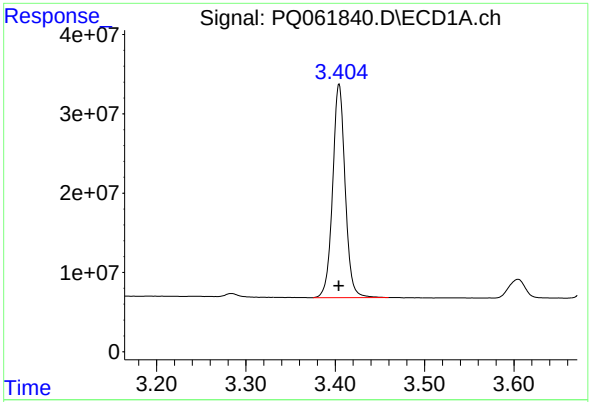
Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 06:54:29 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 06:54:07 2023
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



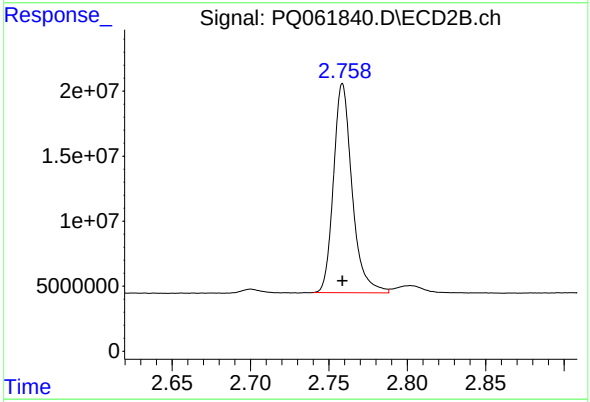




#1 Tetrachloro-m-xylene

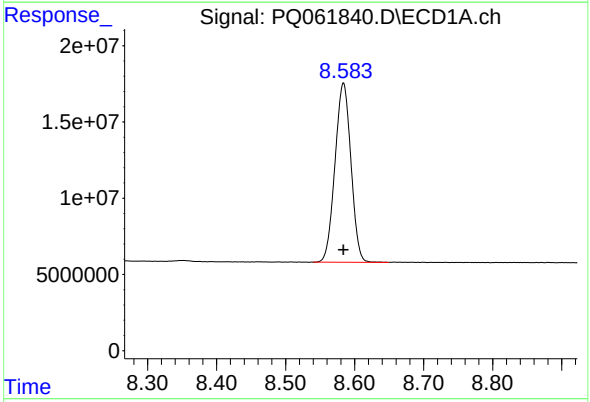
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 262346894
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500



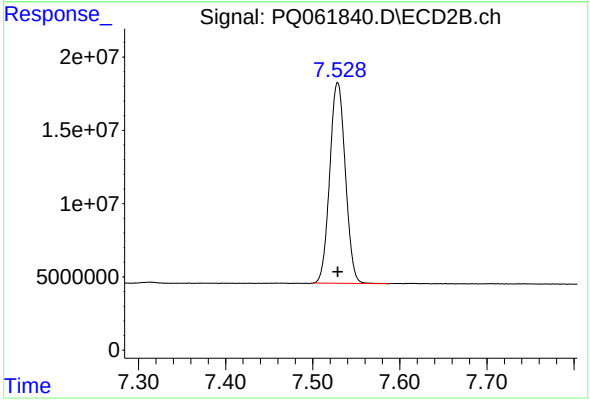
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 132955930
Conc: 50.00 ng/ml



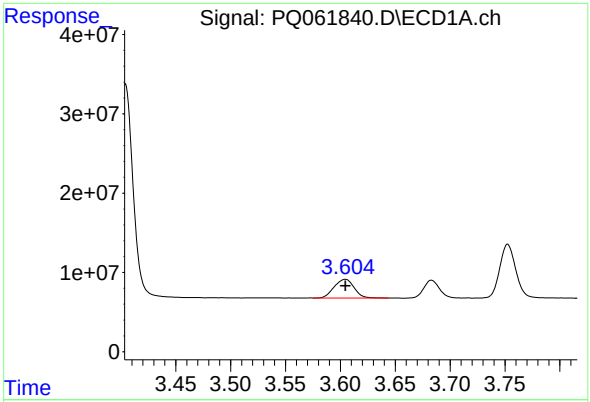
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 188372410
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

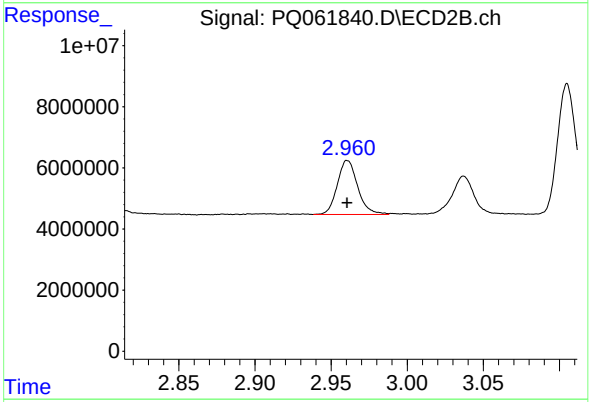
R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 170395319
Conc: 50.00 ng/ml



#8 AR-1221-1

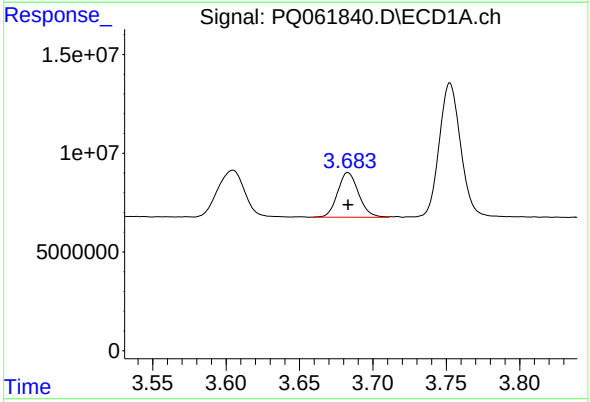
R.T.: 3.605 min
Delta R.T.: 0.000 min
Response: 30053917
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500



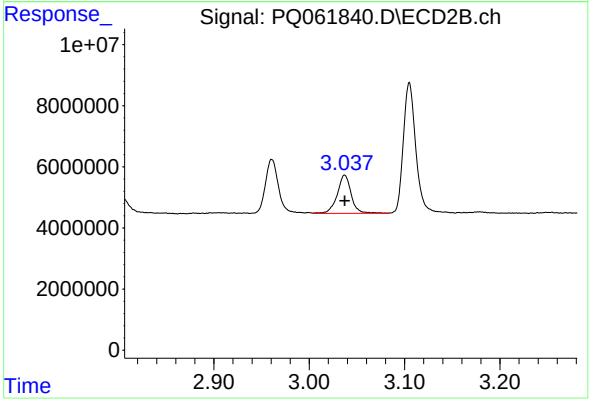
#8 AR-1221-1

R.T.: 2.961 min
Delta R.T.: 0.000 min
Response: 16498256
Conc: 500.00 ng/ml



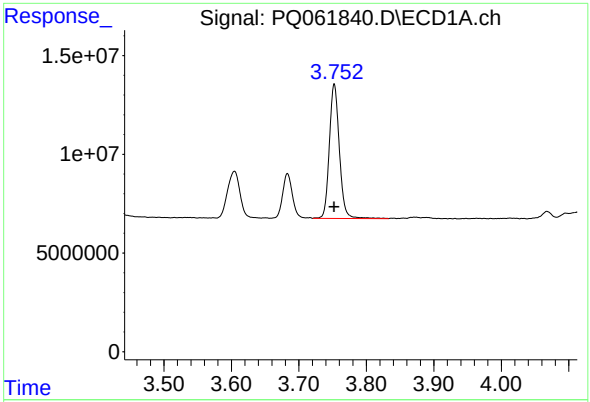
#9 AR-1221-2

R.T.: 3.683 min
Delta R.T.: 0.000 min
Response: 22466329
Conc: 500.00 ng/ml



#9 AR-1221-2

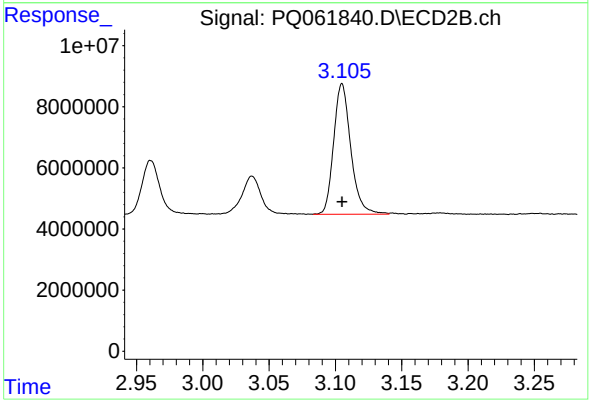
R.T.: 3.037 min
Delta R.T.: 0.000 min
Response: 12700031
Conc: 500.00 ng/ml



#10 AR-1221-3

R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 70259118
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500



#10 AR-1221-3

R.T.: 3.105 min
Delta R.T.: 0.000 min
Response: 38545443
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061841.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 04:31
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 07:07:09 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 07:06:45 2023
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...	3.404	2.758	255.7E6	129.9E6	50.000	50.000
2)	SA Decachlor...	8.583	7.529	186.8E6	168.9E6	50.000	50.000
	Target Compounds						
11)	L3 AR-1232-1	3.753	3.105	52800664	28649315	500.000	500.000
12)	L3 AR-1232-2	4.246	3.776	29575570	33277479	500.000	500.000
13)	L3 AR-1232-3	4.524	3.936	56540284	17277486	500.000	500.000
14)	L3 AR-1232-4	4.673	4.022	28333216	14869911	500.000	500.000
15)	L3 AR-1232-5	4.770	4.180	20025002	17830425	500.000	500.000

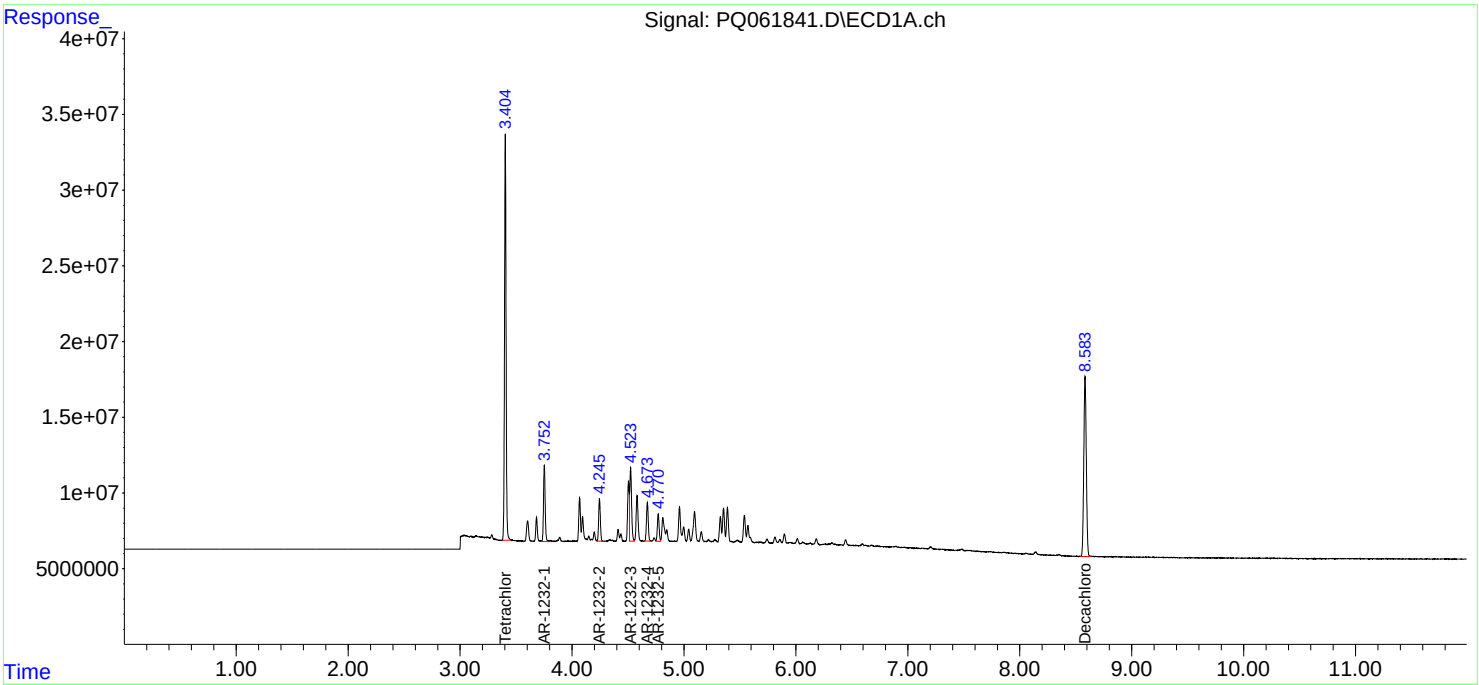
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

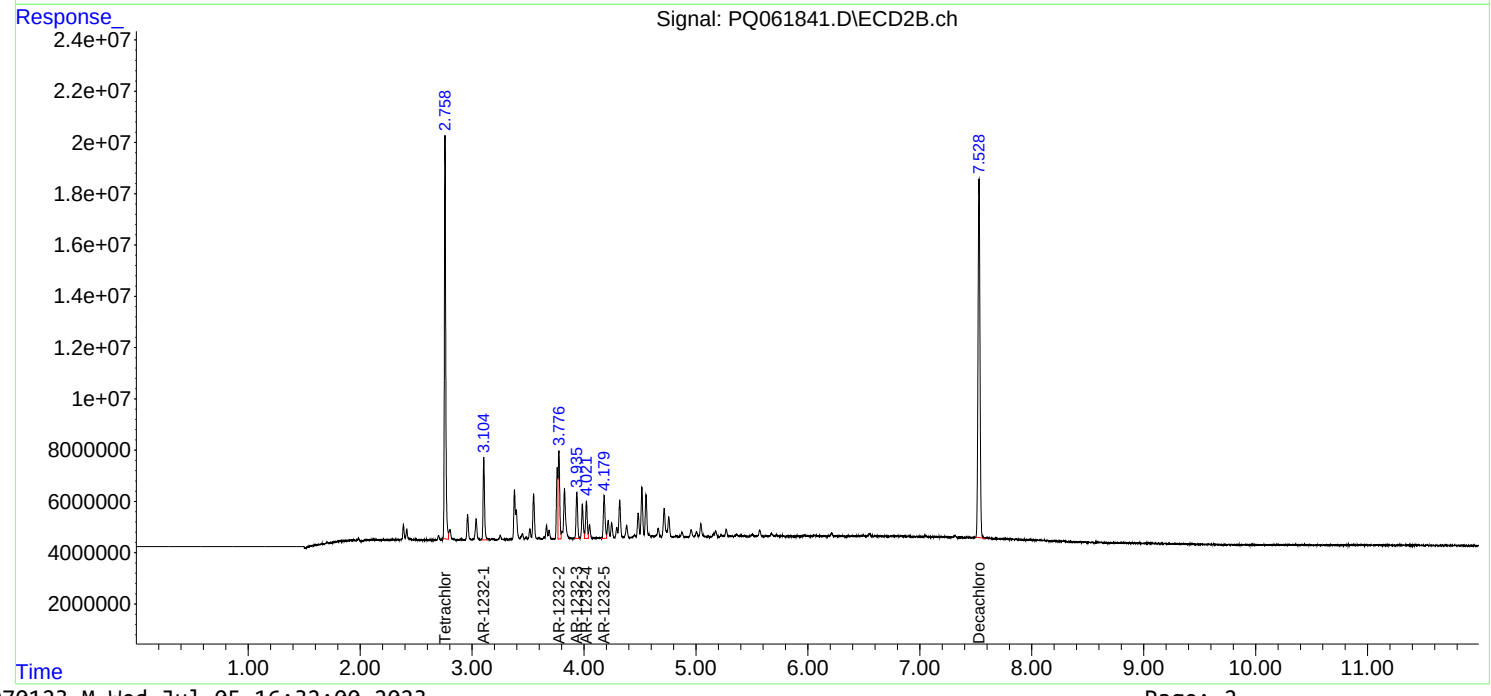
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061841.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 04:31
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 42 Sample Multiplier: 1

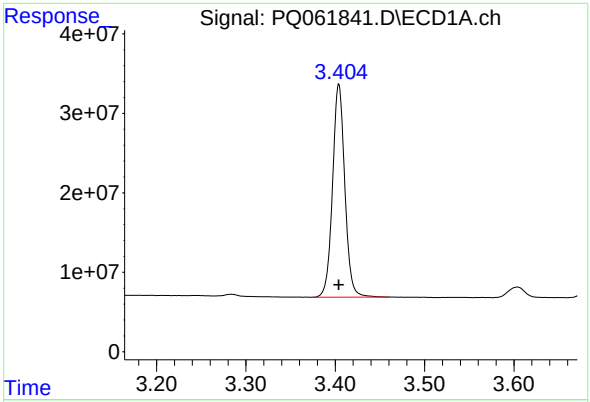
Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 07:07:09 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 07:06:45 2023
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



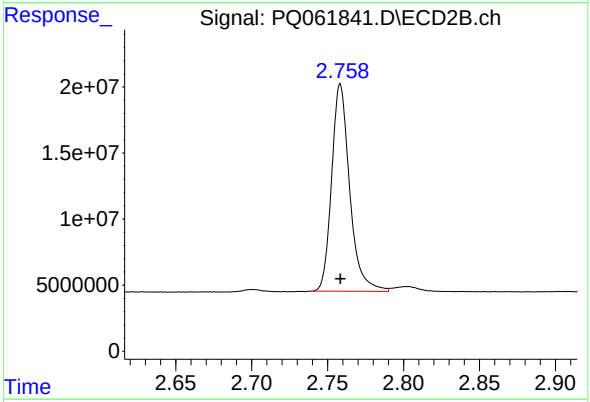




#1 Tetrachloro-m-xylene

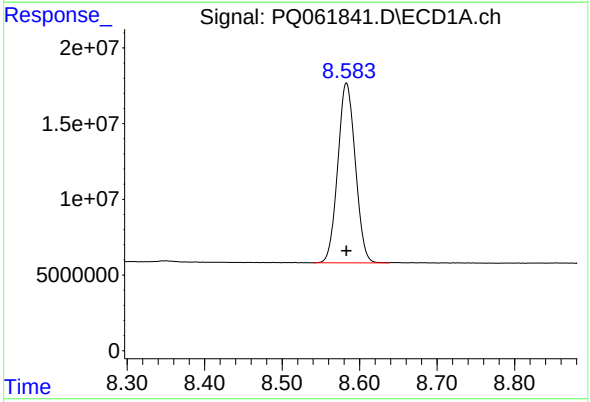
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 255733127
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500



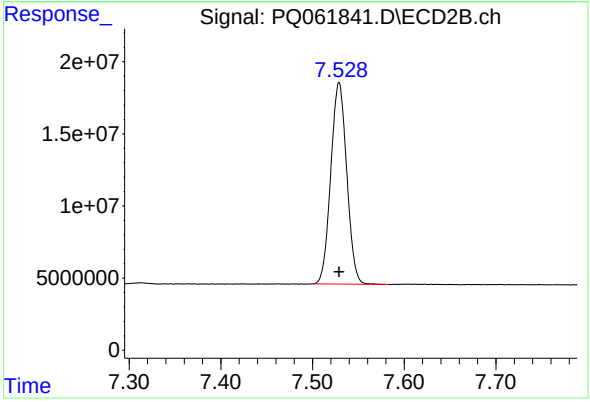
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 129880120
Conc: 50.00 ng/ml



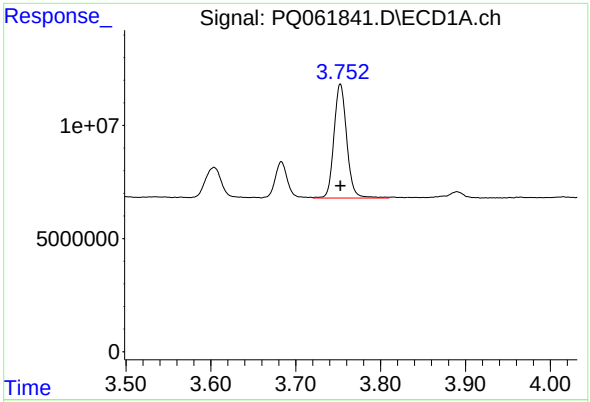
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 186802847
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

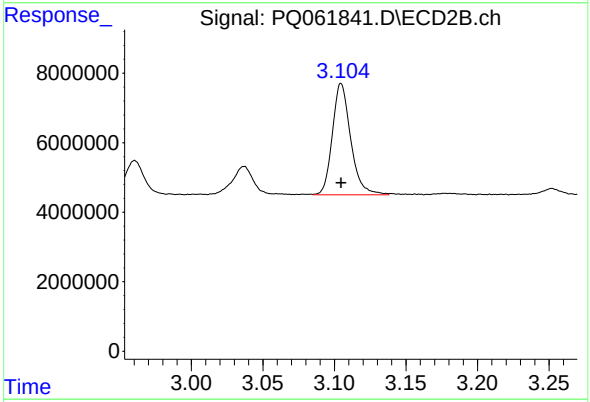
R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 168860030
Conc: 50.00 ng/ml



#11 AR-1232-1

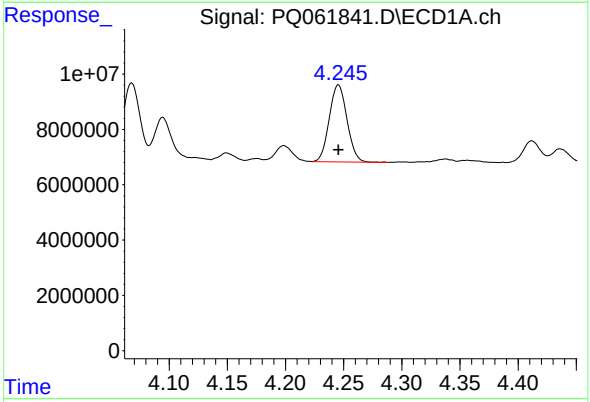
R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 52800664
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500



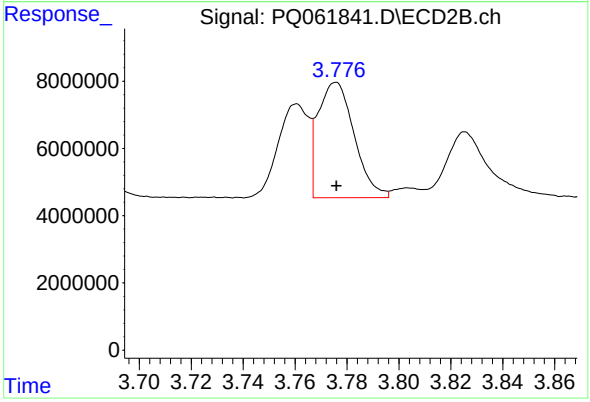
#11 AR-1232-1

R.T.: 3.105 min
Delta R.T.: 0.000 min
Response: 28649315
Conc: 500.00 ng/ml



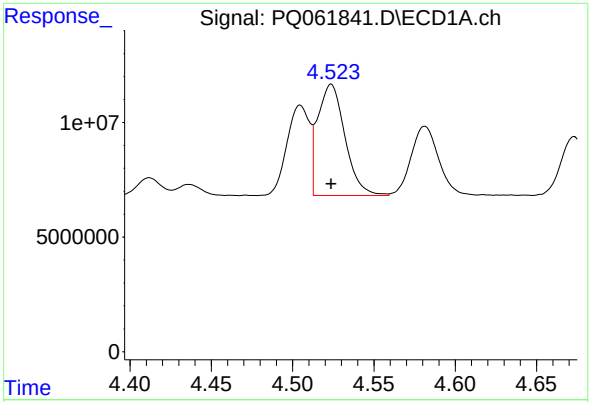
#12 AR-1232-2

R.T.: 4.246 min
Delta R.T.: 0.000 min
Response: 29575570
Conc: 500.00 ng/ml



#12 AR-1232-2

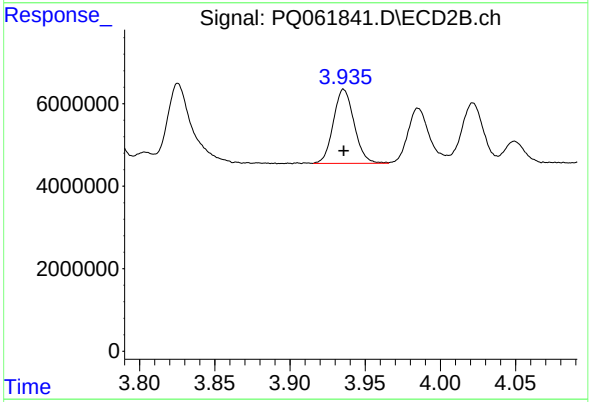
R.T.: 3.776 min
Delta R.T.: 0.000 min
Response: 33277479
Conc: 500.00 ng/ml



#13 AR-1232-3

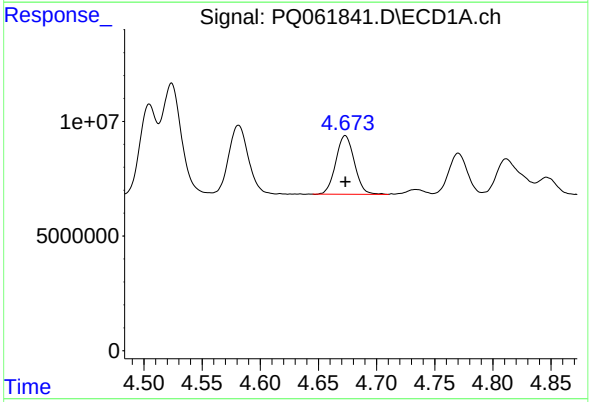
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 56540284
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500



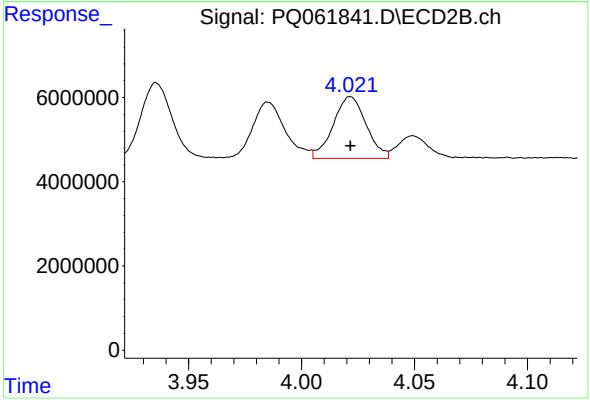
#13 AR-1232-3

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 17277486
Conc: 500.00 ng/ml



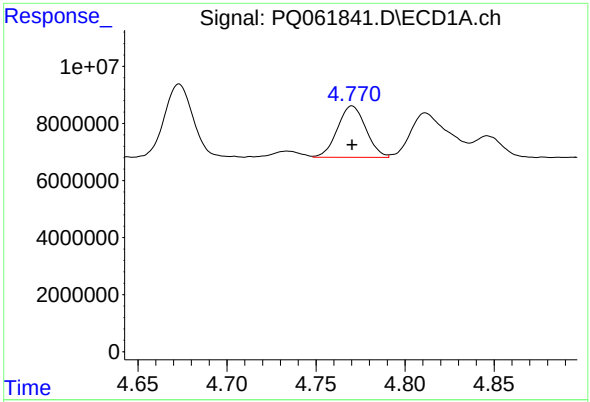
#14 AR-1232-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 28333216
Conc: 500.00 ng/ml



#14 AR-1232-4

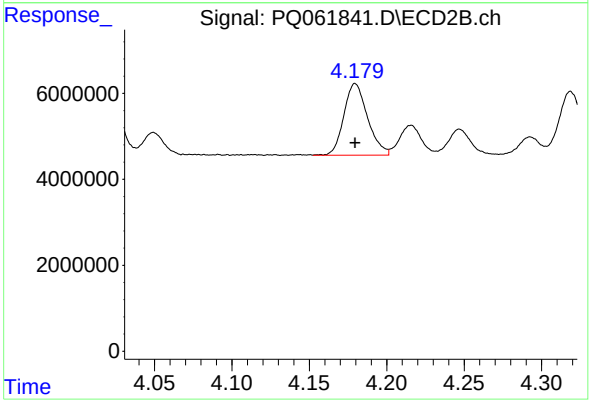
R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 14869911
Conc: 500.00 ng/ml



#15 AR-1232-5

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 20025002
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500



#15 AR-1232-5

R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 17830425
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061842.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 04:46
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 07:32:14 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 07:32:07 2023
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...	3.404	2.759	495.0E6	252.9E6	97.656	97.148
2)	SA Decachlor...	8.584	7.528	353.4E6	322.9E6	96.336	96.617
	Target Compounds						
16)	L4 AR-1242-1	4.505	3.760	124.5E6	73698107	965.436	959.884
17)	L4 AR-1242-2	4.524	3.775	184.1E6	108.3E6	962.911	982.348
18)	L4 AR-1242-3	4.581	3.936	113.5E6	57751145	961.786	977.375
19)	L4 AR-1242-4	4.673	4.022	93901035	55063545	966.727	964.109
20)	L4 AR-1242-5	5.389	4.516	95677681	78281292	969.130	957.874

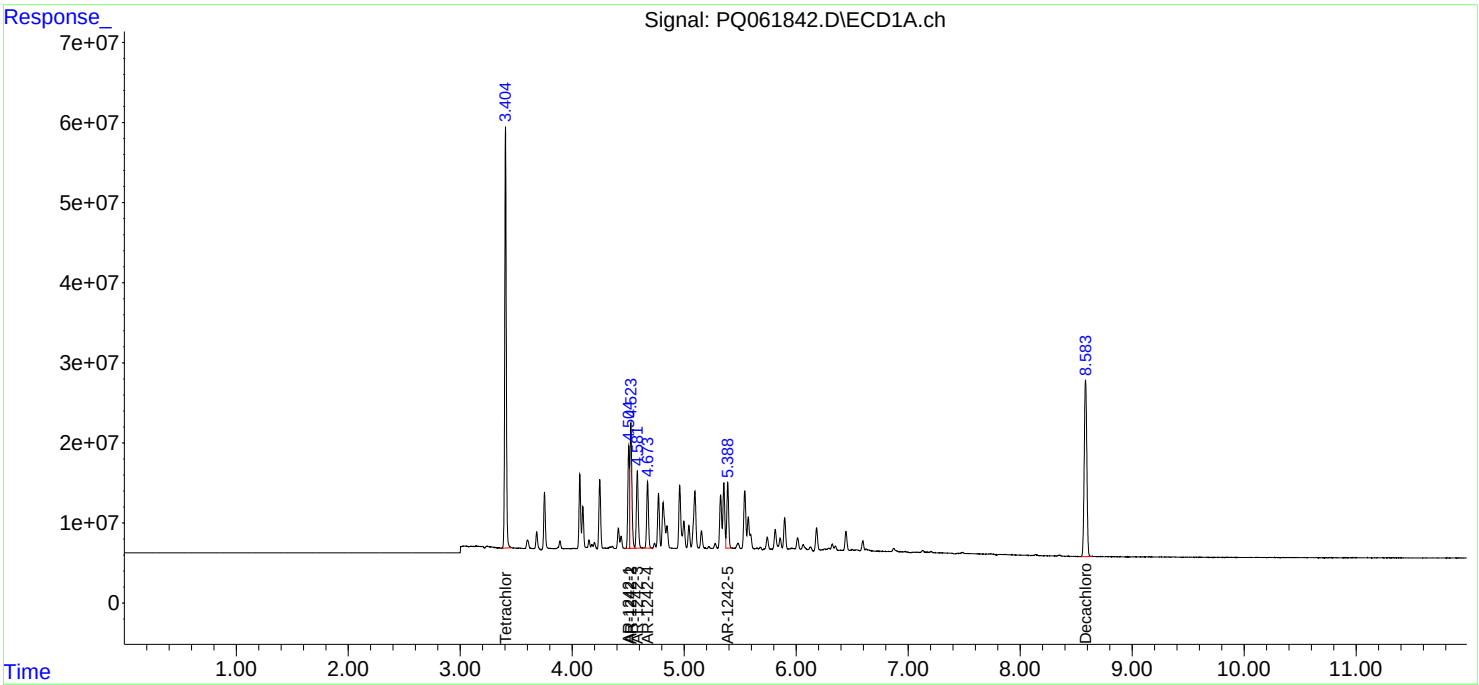
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

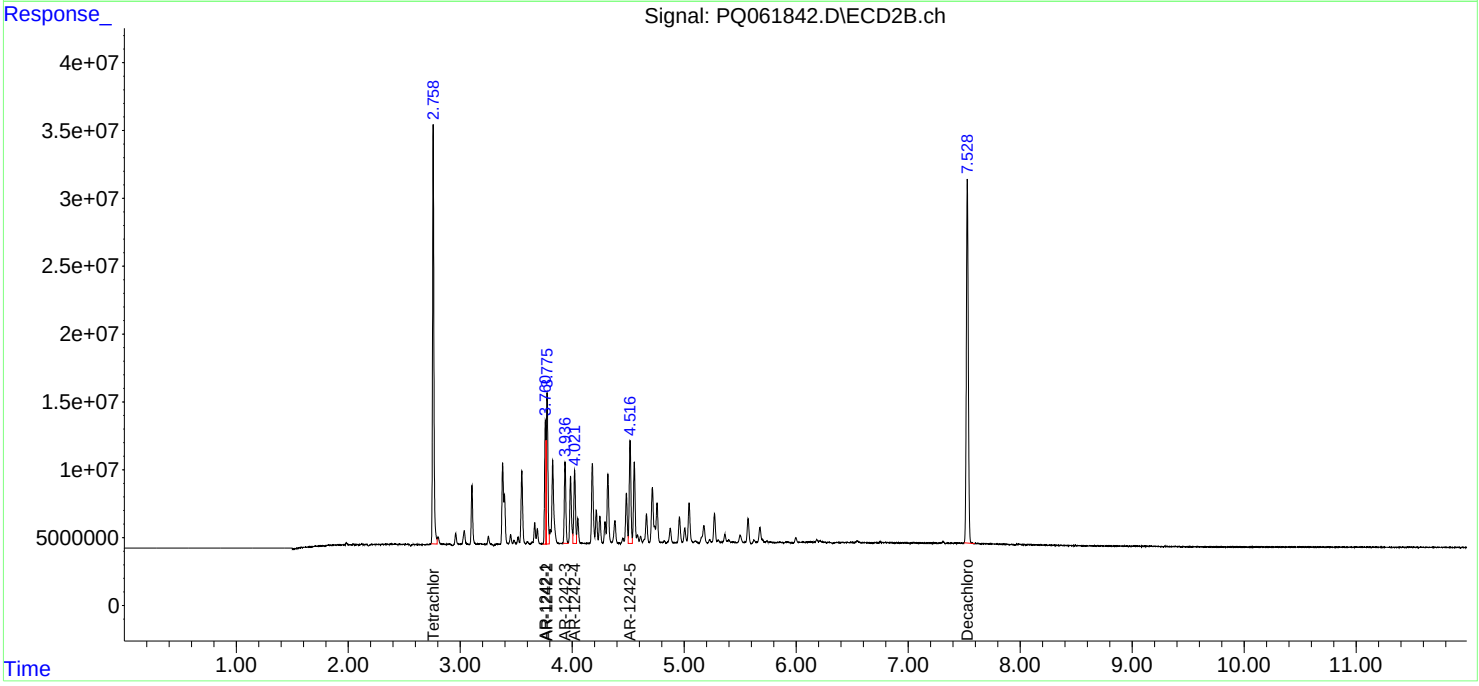
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061842.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 04:46
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 43 Sample Multiplier: 1

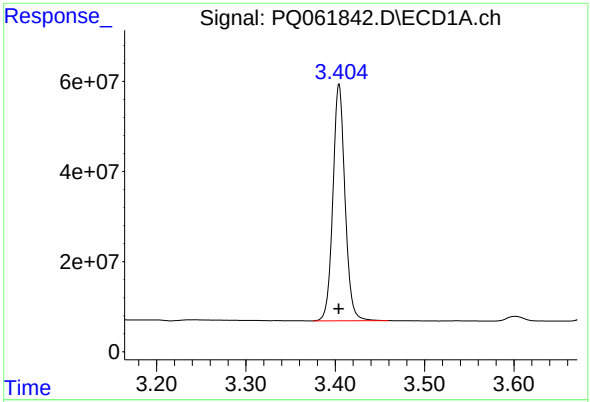
Instrument :
ECD_Q
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 07:32:14 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 07:32:07 2023
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



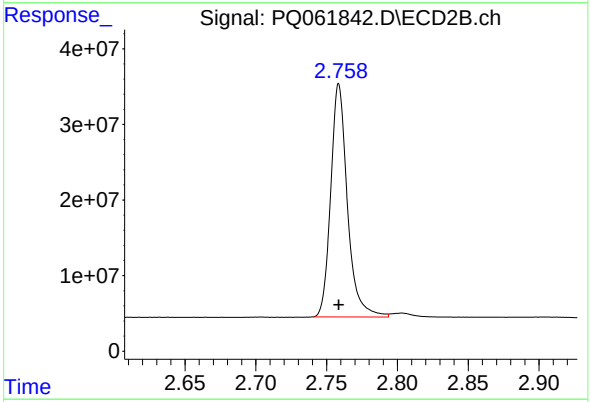




#1 Tetrachloro-m-xylene

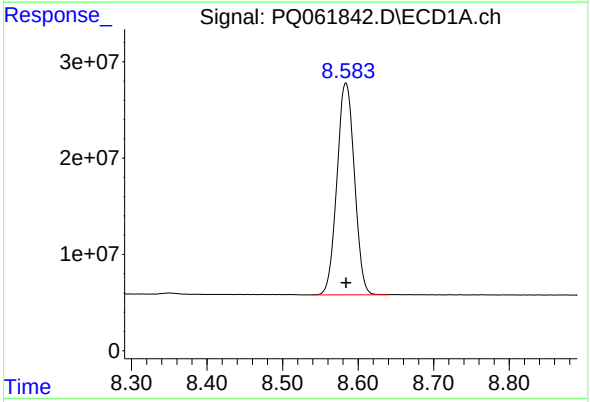
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 495019478
Conc: 97.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC1000



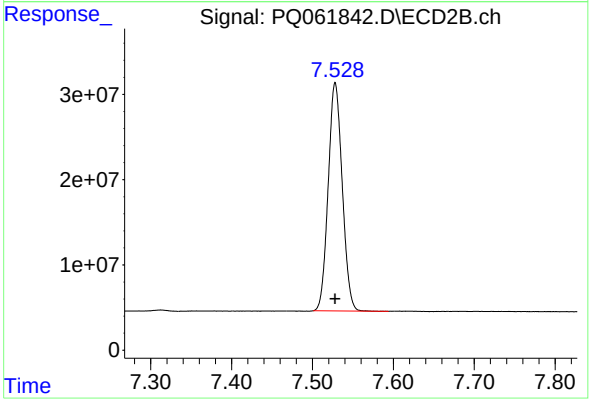
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 252883573
Conc: 97.15 ng/ml



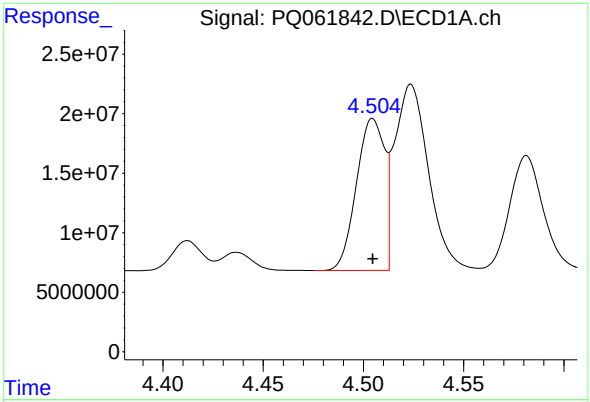
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 353377135
Conc: 96.34 ng/ml



#2 Decachlorobiphenyl

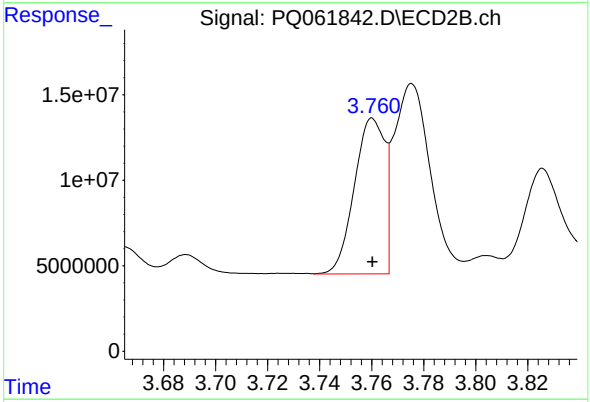
R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 322934435
Conc: 96.62 ng/ml



#16 AR-1242-1

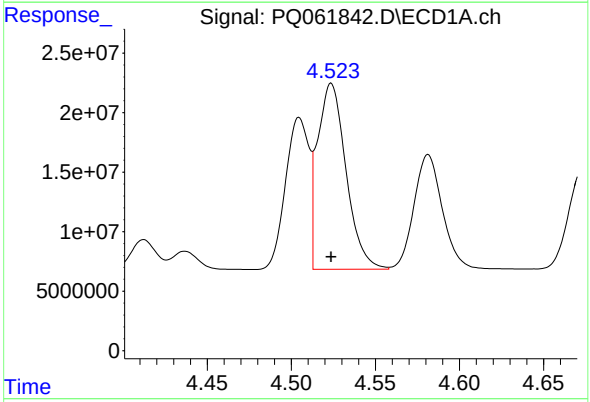
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 124524411
Conc: 965.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC1000



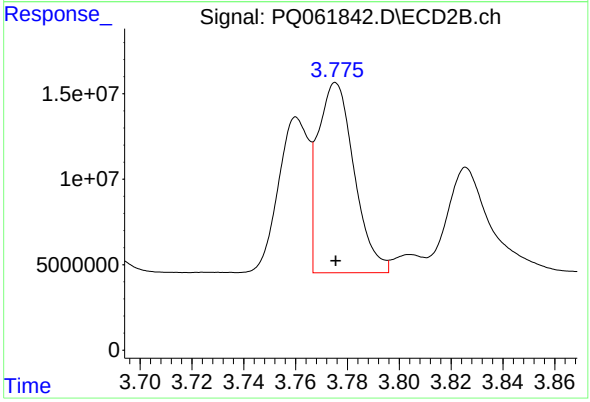
#16 AR-1242-1

R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 73698107
Conc: 959.88 ng/ml



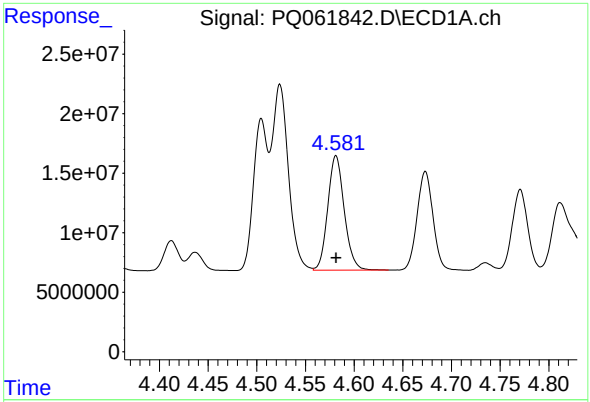
#17 AR-1242-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 184136155
Conc: 962.91 ng/ml



#17 AR-1242-2

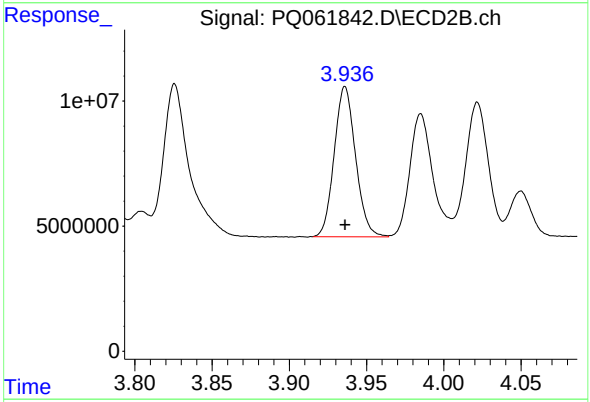
R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 108257772
Conc: 982.35 ng/ml



#18 AR-1242-3

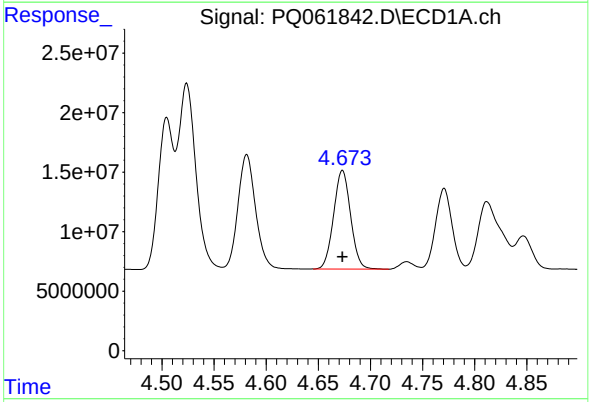
R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 113505199
Conc: 961.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC1000



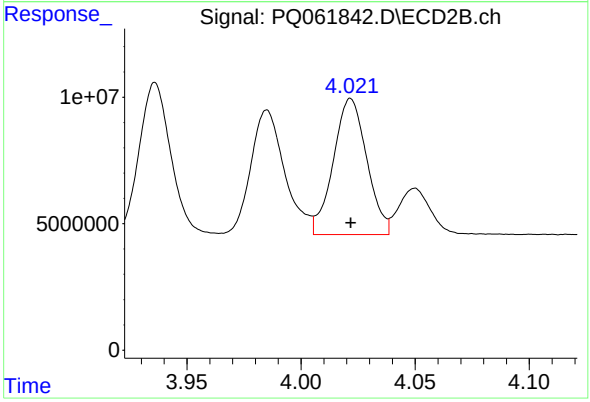
#18 AR-1242-3

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 57751145
Conc: 977.38 ng/ml



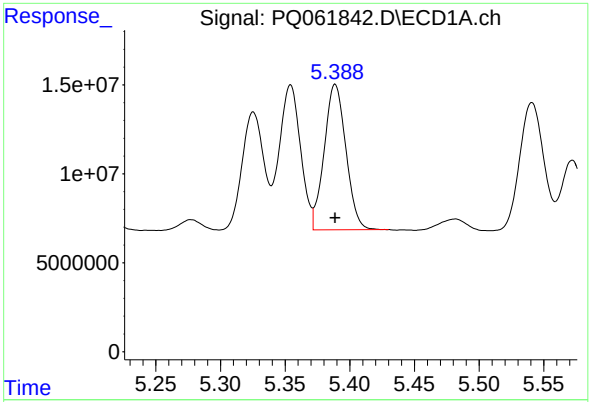
#19 AR-1242-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 93901035
Conc: 966.73 ng/ml



#19 AR-1242-4

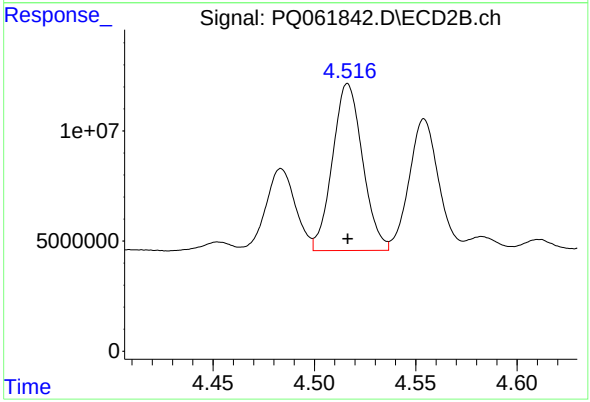
R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 55063545
Conc: 964.11 ng/ml



#20 AR-1242-5

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 95677681
Conc: 969.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC1000



#20 AR-1242-5

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 78281292
Conc: 957.87 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061843.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 05:01
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 07:34:12 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 07:34:05 2023
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...	3.405	2.758	375.3E6	192.4E6	74.361	74.280
2)	SA Decachlor...	8.584	7.529	270.8E6	246.7E6	74.213	74.210
	Target Compounds						
16)	L4 AR-1242-1	4.505	3.760	95011558	55827834	741.029	734.598
17)	L4 AR-1242-2	4.524	3.775	141.2E6	80876666	742.129	739.181
18)	L4 AR-1242-3	4.582	3.936	86625145	42703829	739.269	731.587
19)	L4 AR-1242-4	4.673	4.022	71669022	41415985	741.853	733.251
20)	L4 AR-1242-5	5.389	4.517	73409679	59098928	745.704	731.886

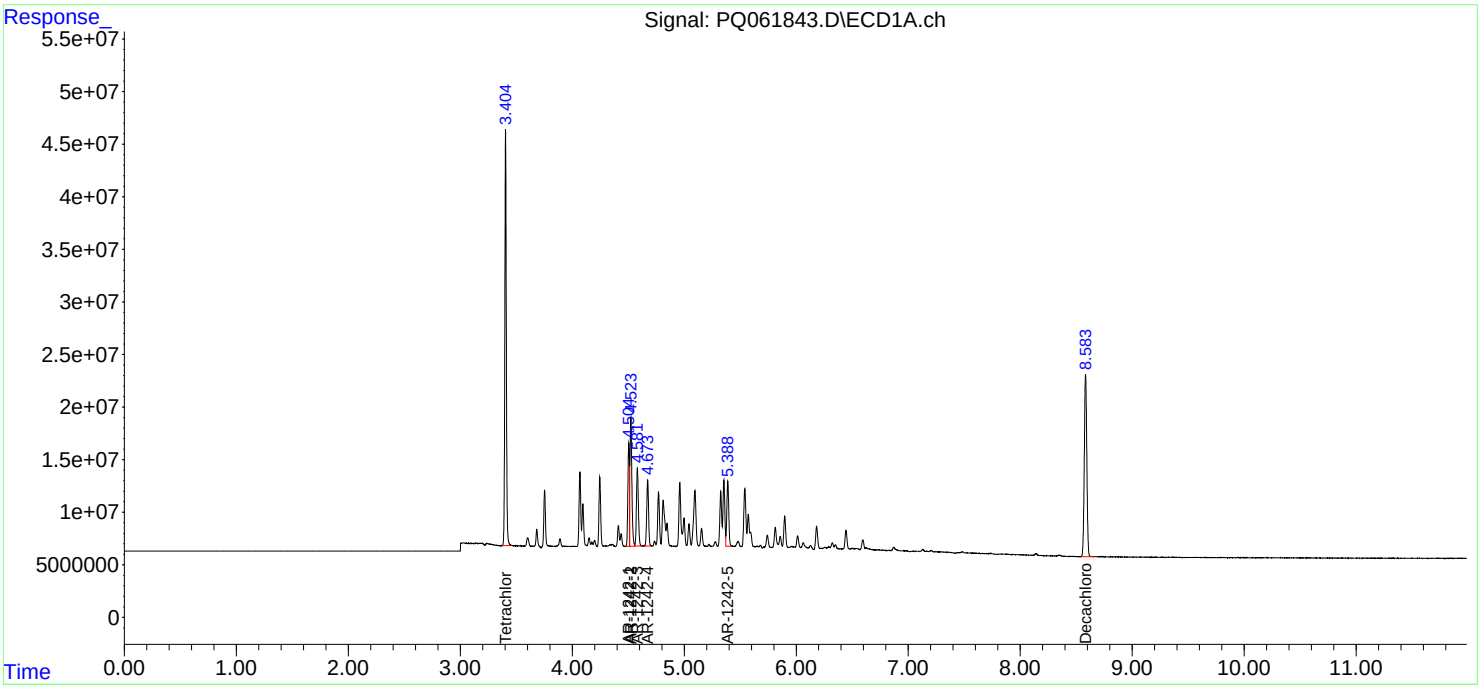
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

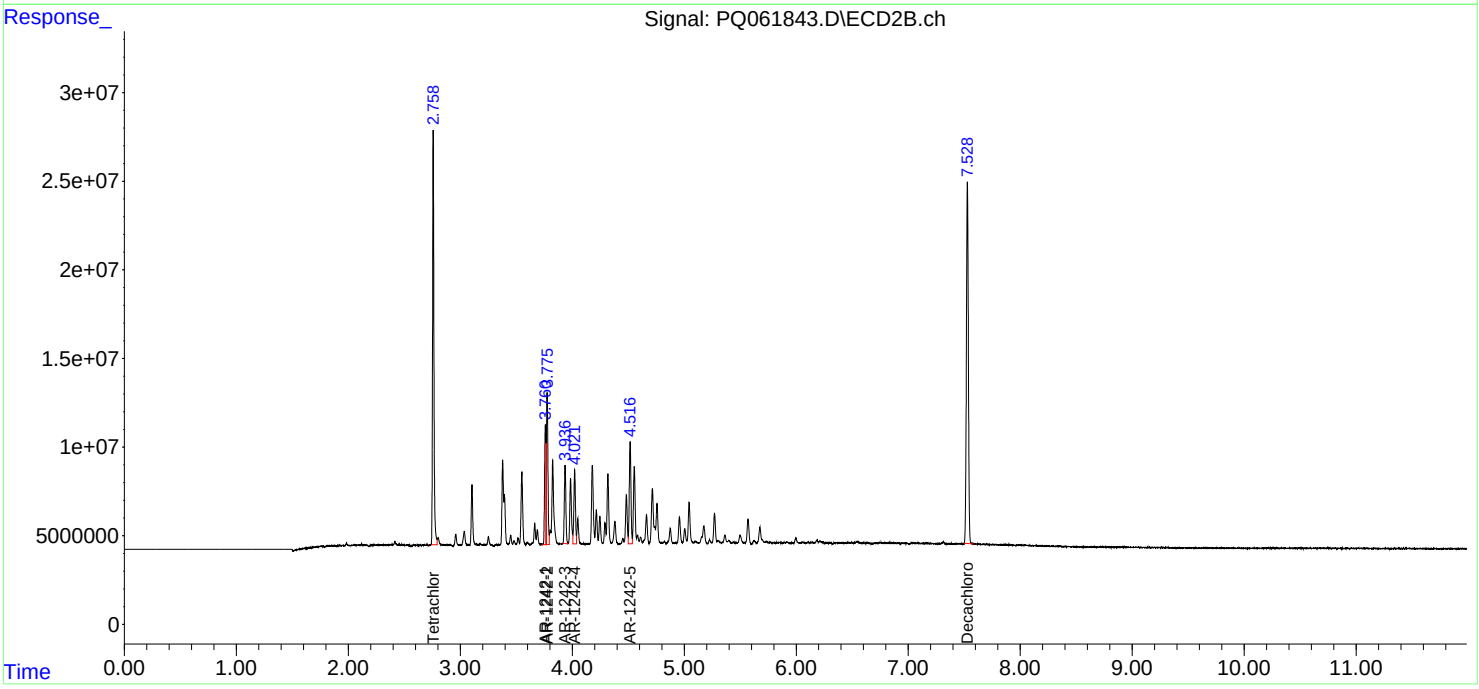
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061843.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 05:01
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 44 Sample Multiplier: 1

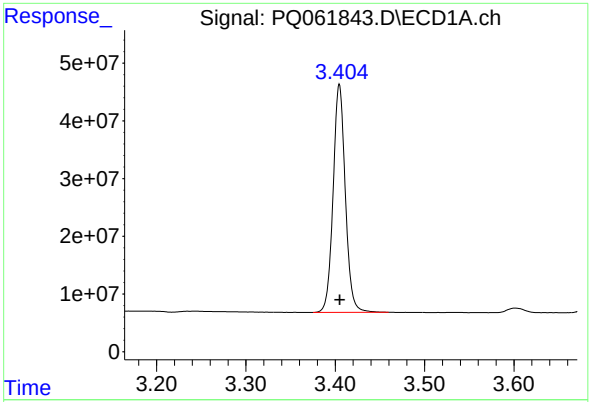
Instrument :
ECD_Q
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 07:34:12 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 07:34:05 2023
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



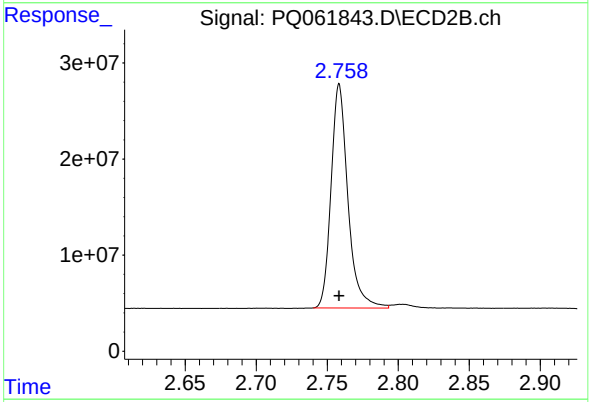




#1 Tetrachloro-m-xylene

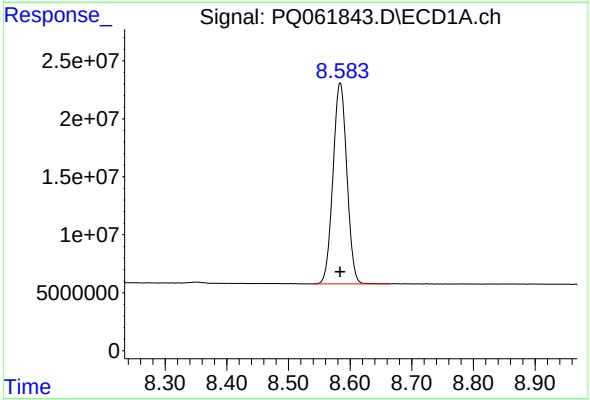
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 375337664
Conc: 74.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC750



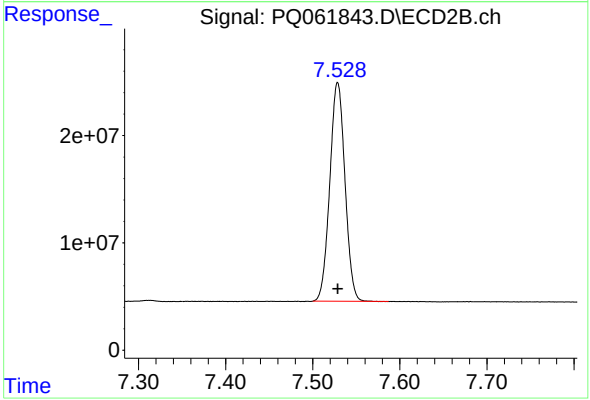
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 192432441
Conc: 74.28 ng/ml



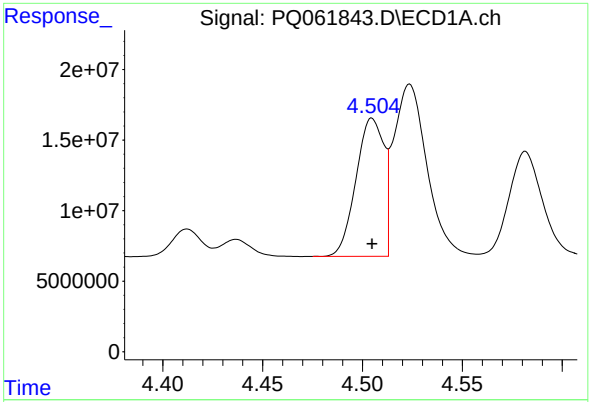
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 270805438
Conc: 74.21 ng/ml



#2 Decachlorobiphenyl

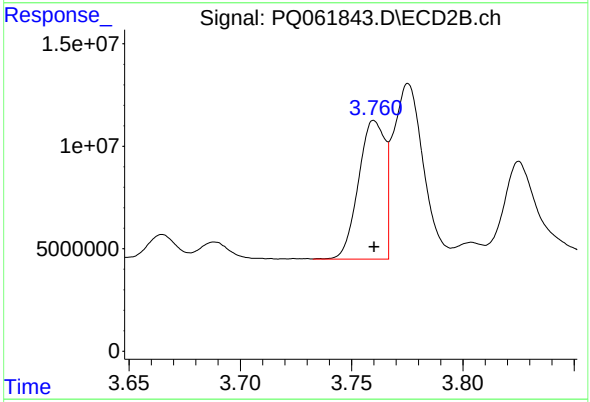
R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 246740839
Conc: 74.21 ng/ml



#16 AR-1242-1

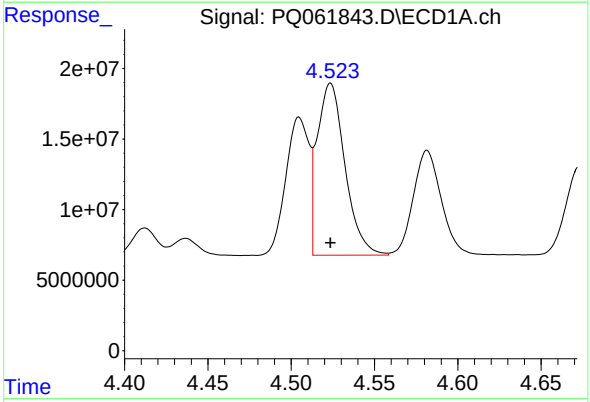
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 95011558
Conc: 741.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC750



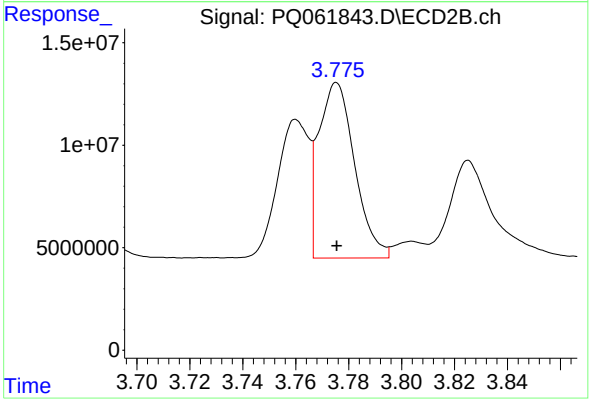
#16 AR-1242-1

R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 55827834
Conc: 734.60 ng/ml



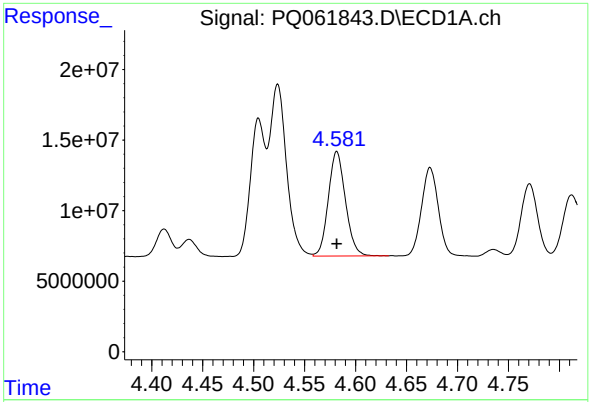
#17 AR-1242-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 141175512
Conc: 742.13 ng/ml



#17 AR-1242-2

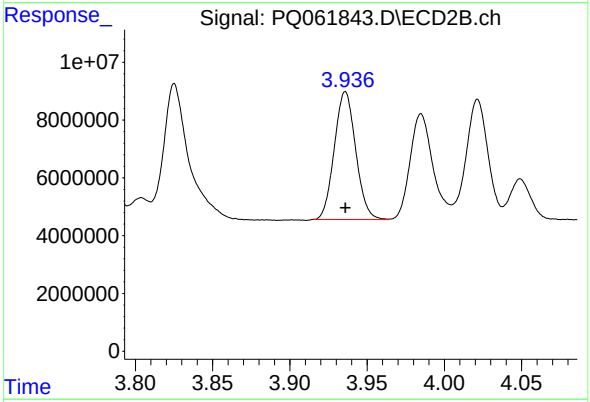
R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 80876666
Conc: 739.18 ng/ml



#18 AR-1242-3

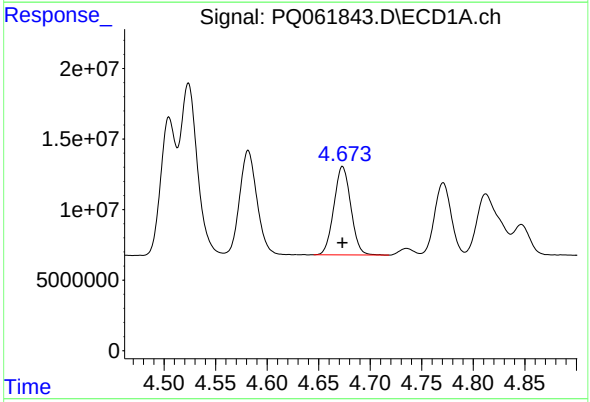
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 86625145
Conc: 739.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC750



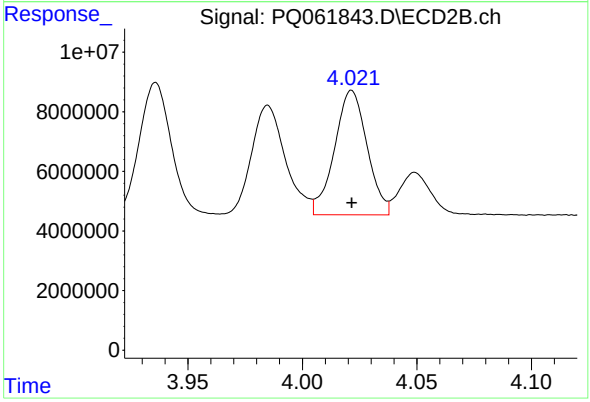
#18 AR-1242-3

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 42703829
Conc: 731.59 ng/ml



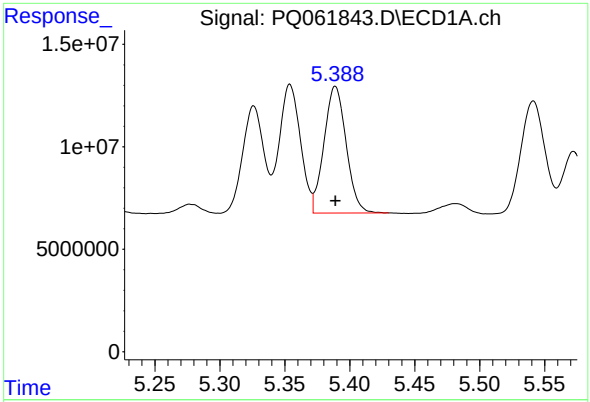
#19 AR-1242-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 71669022
Conc: 741.85 ng/ml



#19 AR-1242-4

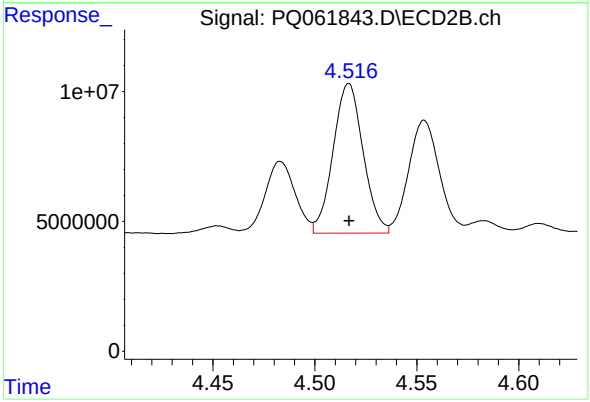
R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 41415985
Conc: 733.25 ng/ml



#20 AR-1242-5

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 73409679
Conc: 745.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC750



#20 AR-1242-5

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 59098928
Conc: 731.89 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061844.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 05:15
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 07:28:44 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 07:27:32 2023
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...	3.404	2.758	259.4E6	133.9E6	50.000	50.000
2)	SA Decachlor...	8.584	7.529	190.1E6	172.8E6	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	4.504	3.760	66720337	39929117	500.000	500.000
17)	L4 AR-1242-2	4.524	3.775	99160459	56074197	500.000	500.000
18)	L4 AR-1242-3	4.581	3.936	61262400	30212408	500.000	500.000
19)	L4 AR-1242-4	4.673	4.022	50182393	29581618	500.000	500.000
20)	L4 AR-1242-5	5.388	4.517	50886462	42583342	500.000	500.000

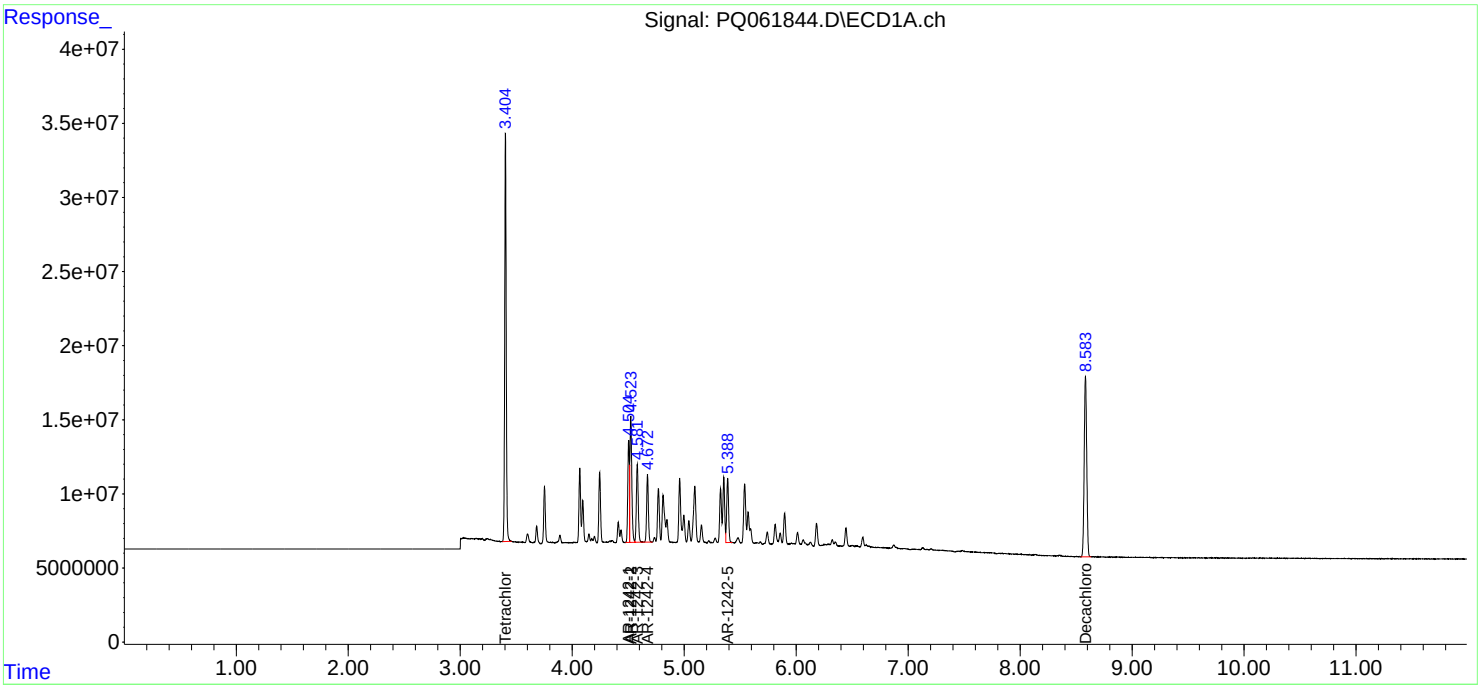
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

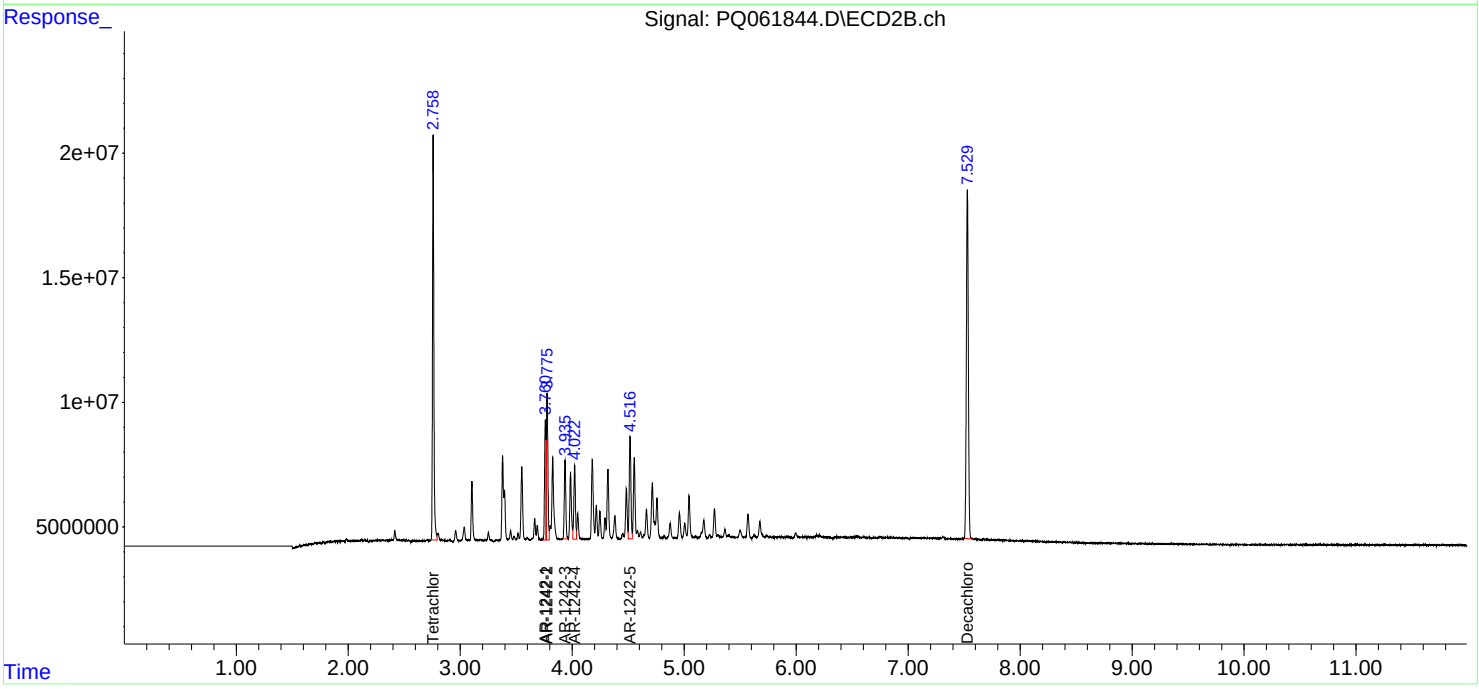
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061844.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 05:15
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 45 Sample Multiplier: 1

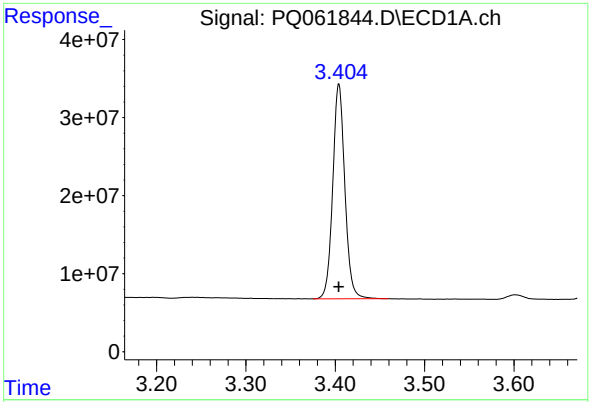
Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 07:28:44 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 07:27:32 2023
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



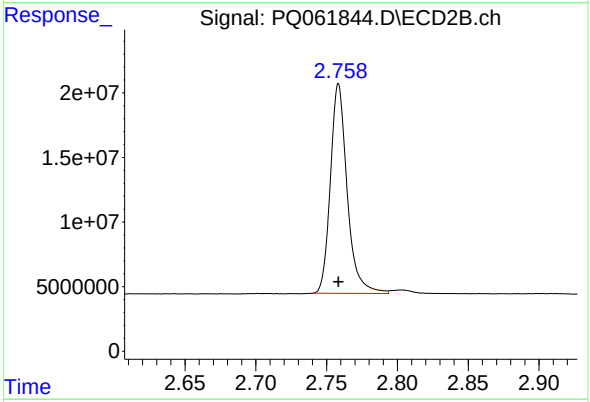




#1 Tetrachloro-m-xylene

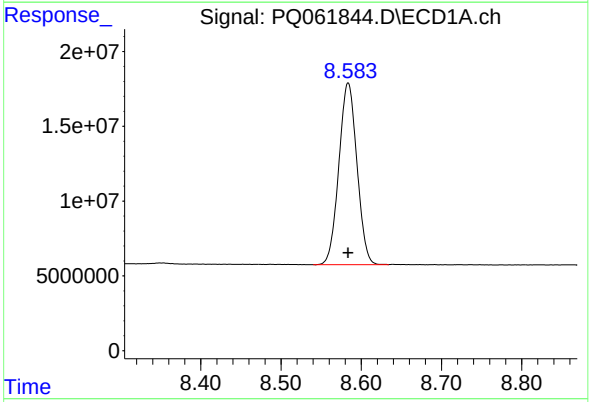
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 259389069
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500



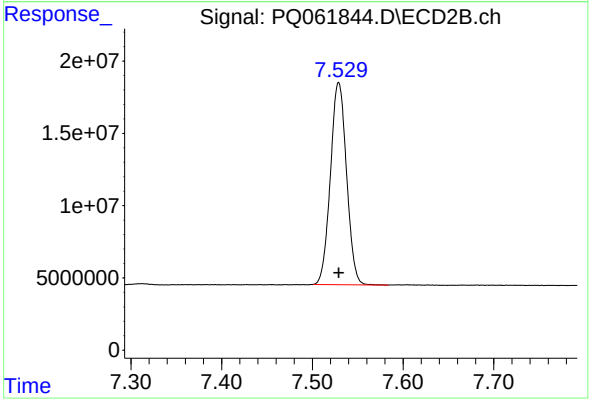
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 133865584
Conc: 50.00 ng/ml



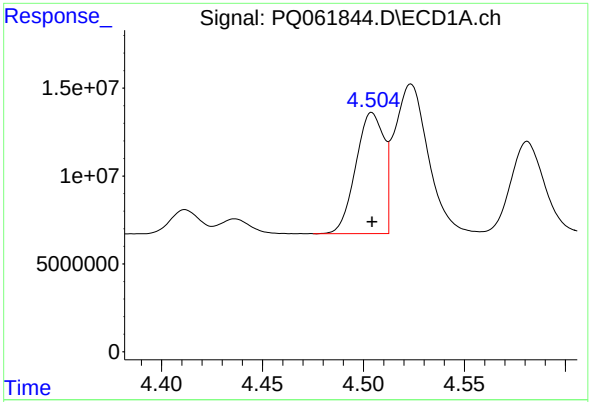
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 190128725
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

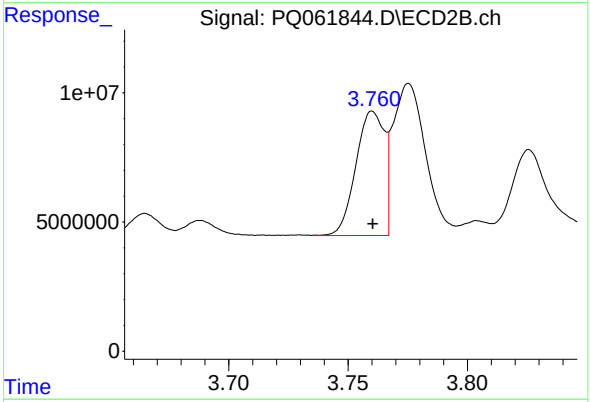
R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 172774354
Conc: 50.00 ng/ml



#16 AR-1242-1

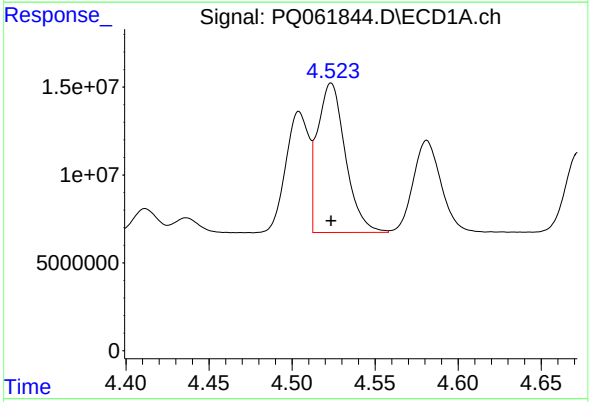
R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: 66720337
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500



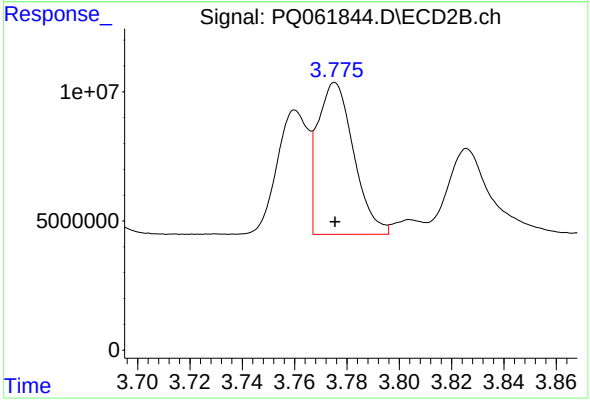
#16 AR-1242-1

R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 39929117
Conc: 500.00 ng/ml



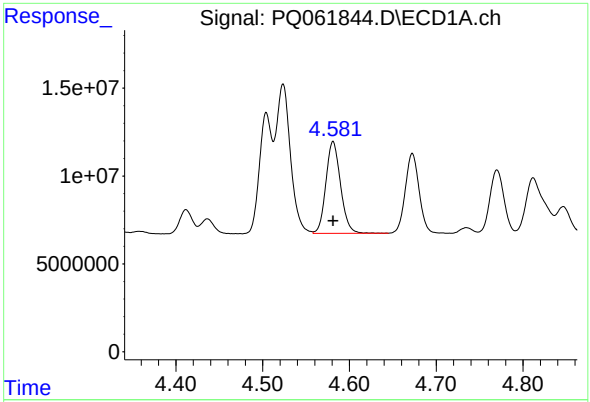
#17 AR-1242-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 99160459
Conc: 500.00 ng/ml



#17 AR-1242-2

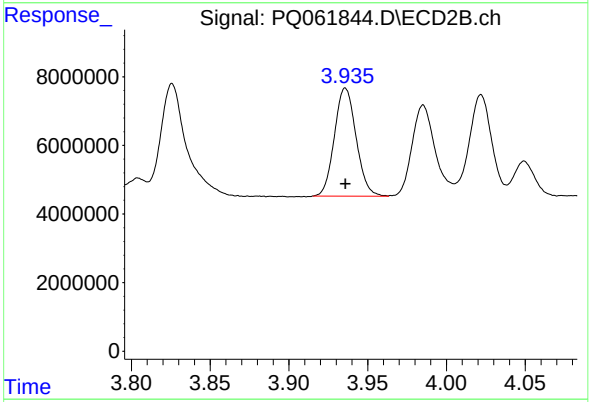
R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 56074197
Conc: 500.00 ng/ml



#18 AR-1242-3

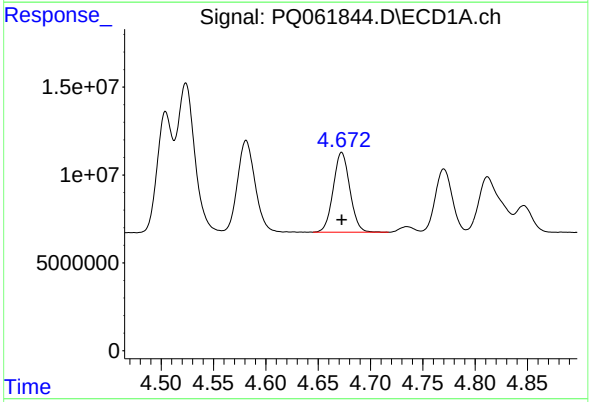
R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 61262400
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500



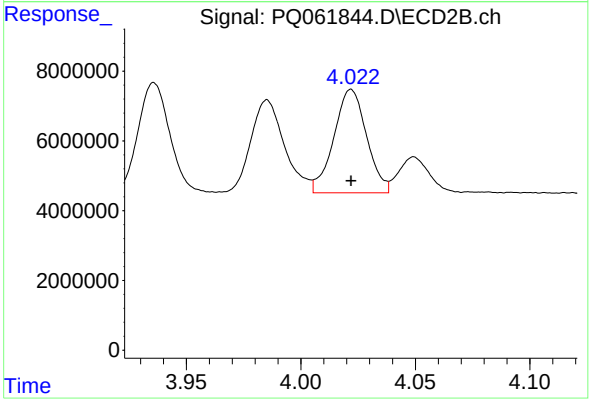
#18 AR-1242-3

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 30212408
Conc: 500.00 ng/ml



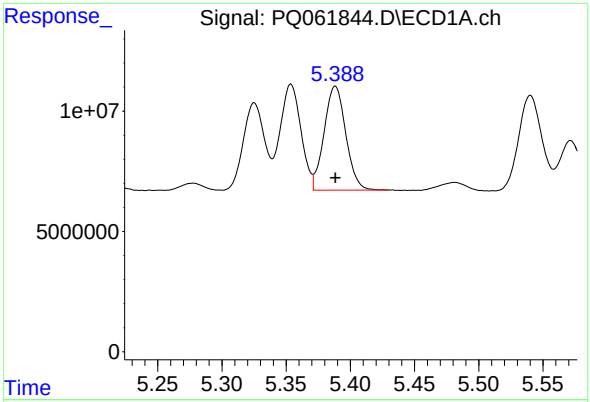
#19 AR-1242-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 50182393
Conc: 500.00 ng/ml



#19 AR-1242-4

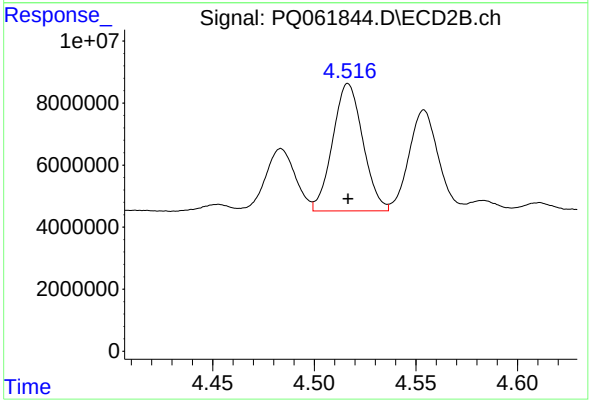
R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 29581618
Conc: 500.00 ng/ml



#20 AR-1242-5

R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 50886462
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500



#20 AR-1242-5

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 42583342
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061845.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 05:30
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 07:36:15 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 07:36:07 2023
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...	3.404	2.759	132.2E6	68881644	25.882	26.173
2)	SA Decachlor...	8.582	7.528	99051457	89784552	26.575	26.473
	Target Compounds						
16)	L4 AR-1242-1	4.504	3.760	35241467	20086810	268.193	260.579
17)	L4 AR-1242-2	4.524	3.775	51378783	29227297	264.769	262.628
18)	L4 AR-1242-3	4.581	3.935	31836070	15523584	265.924	261.771
19)	L4 AR-1242-4	4.673	4.021	25843724	15540672	262.907	268.393
20)	L4 AR-1242-5	5.388	4.517	25678505	21829124	258.047	264.946

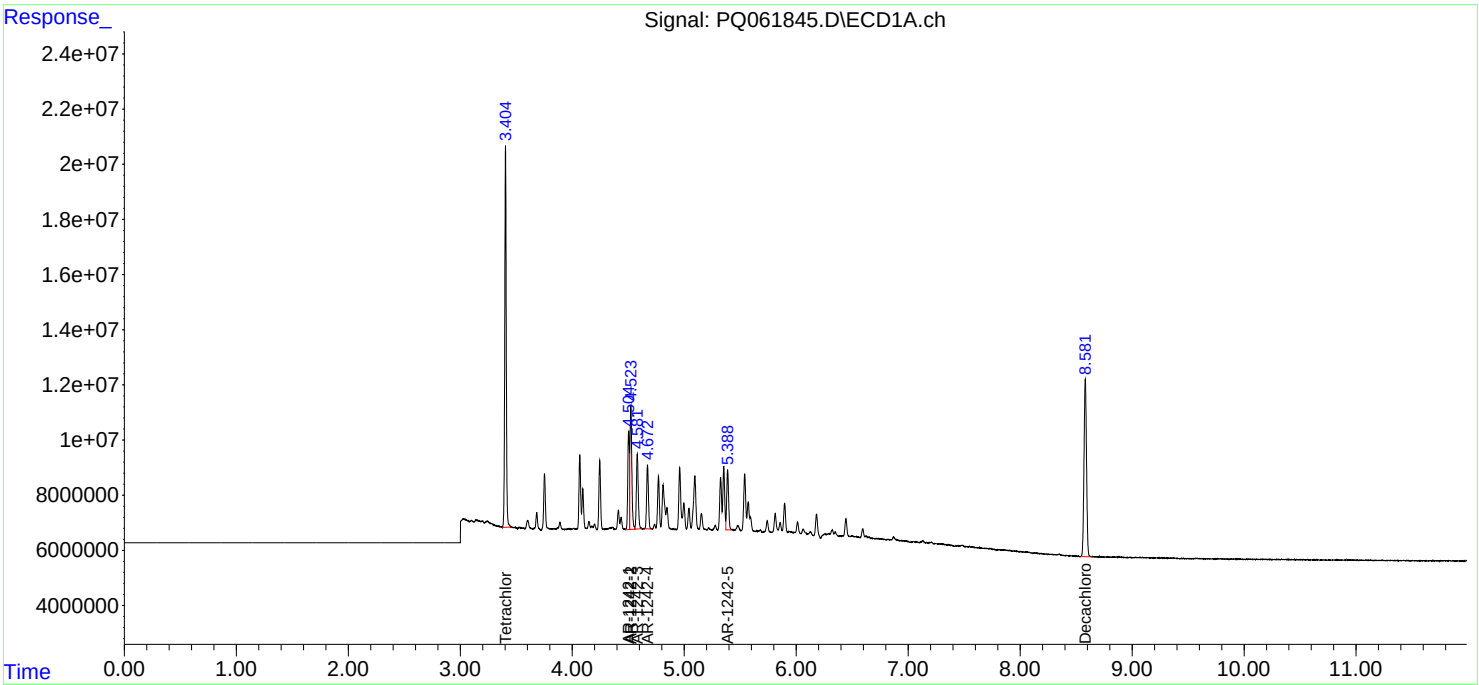
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

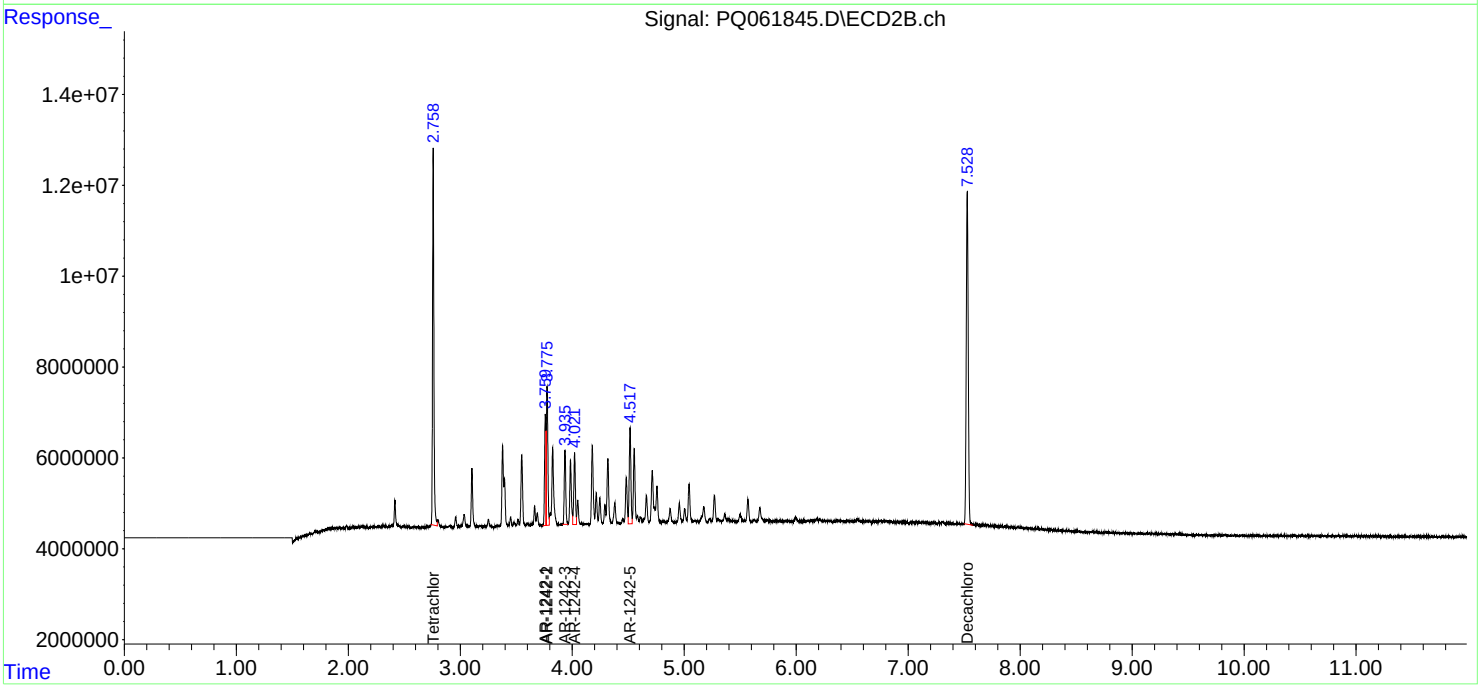
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061845.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 05:30
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 46 Sample Multiplier: 1

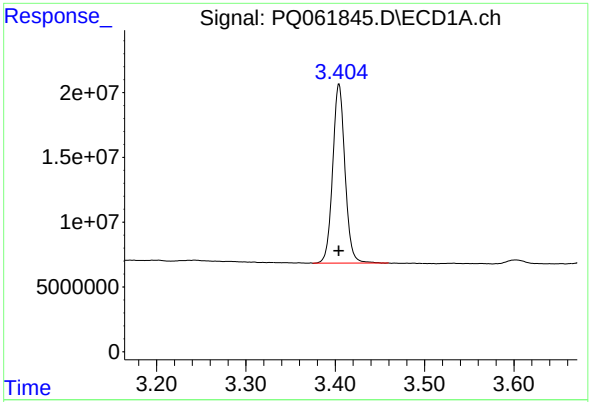
Instrument :
ECD_Q
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 07:36:15 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 07:36:07 2023
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



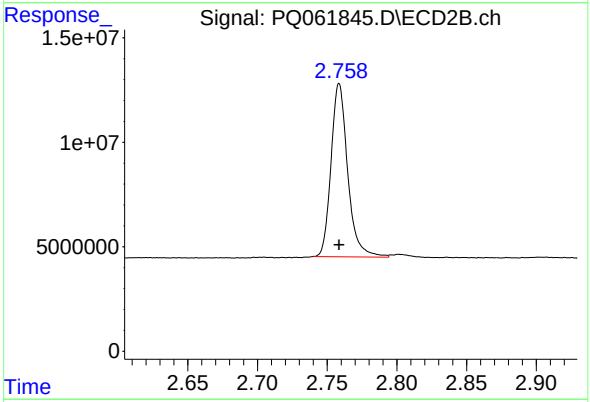




#1 Tetrachloro-m-xylene

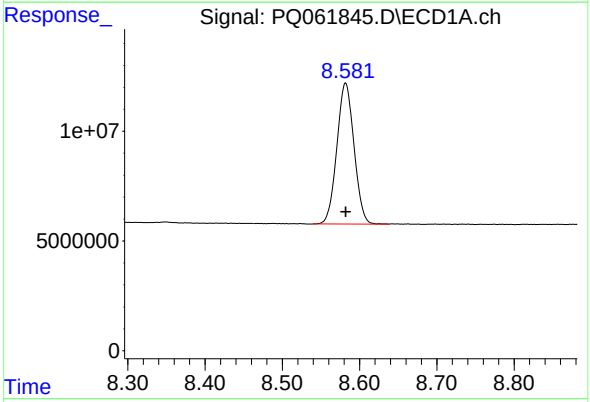
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 132190757
Conc: 25.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC250



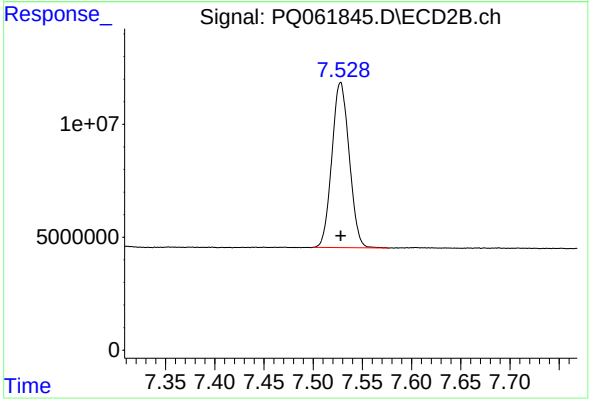
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 68881644
Conc: 26.17 ng/ml



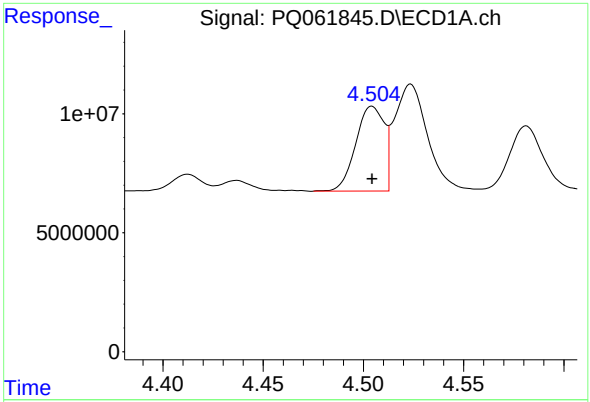
#2 Decachlorobiphenyl

R.T.: 8.582 min
Delta R.T.: 0.000 min
Response: 99051457
Conc: 26.57 ng/ml



#2 Decachlorobiphenyl

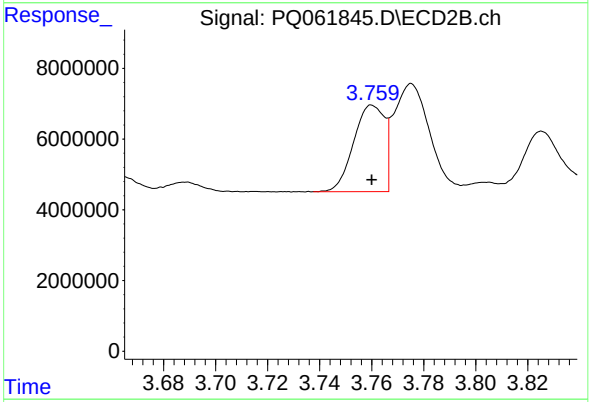
R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 89784552
Conc: 26.47 ng/ml



#16 AR-1242-1

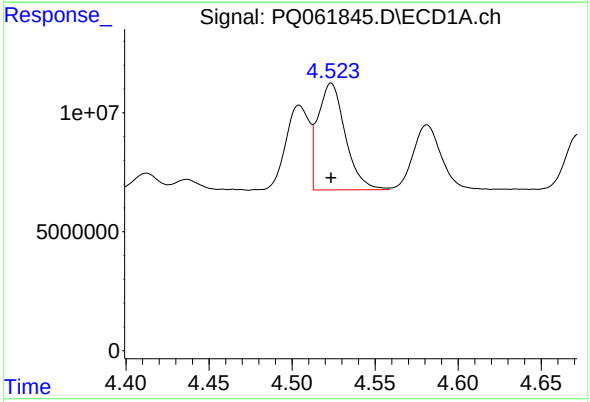
R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: 35241467
Conc: 268.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC250



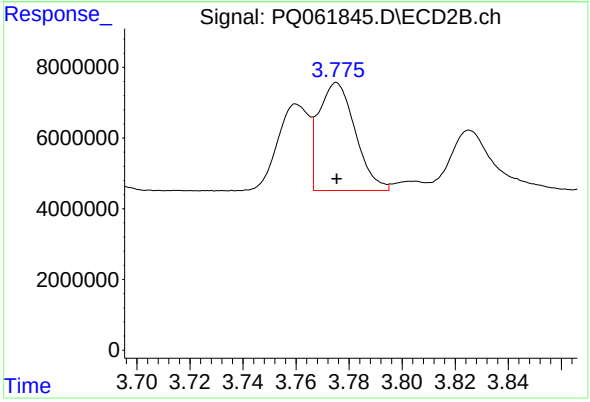
#16 AR-1242-1

R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 20086810
Conc: 260.58 ng/ml



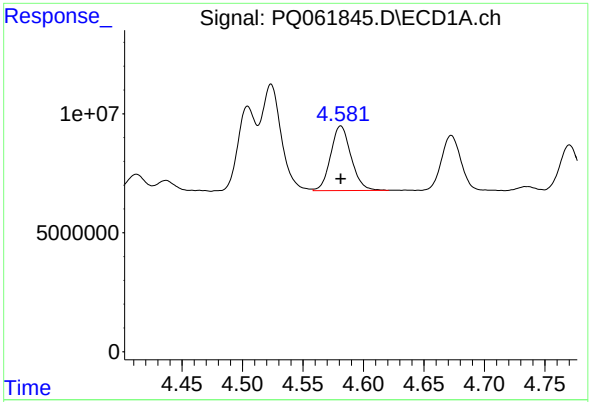
#17 AR-1242-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 51378783
Conc: 264.77 ng/ml



#17 AR-1242-2

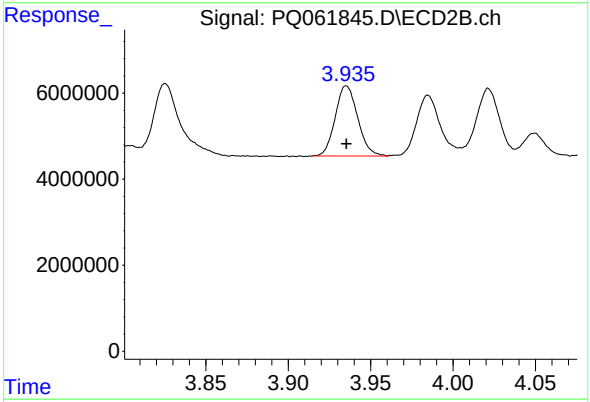
R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 29227297
Conc: 262.63 ng/ml



#18 AR-1242-3

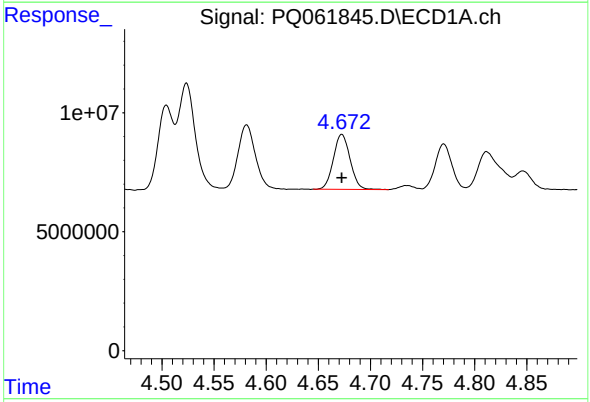
R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 31836070
Conc: 265.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC250



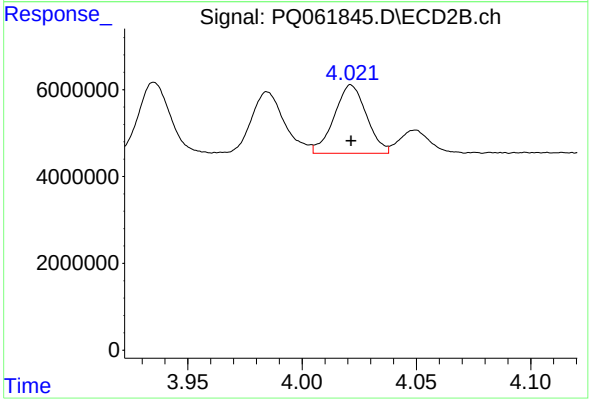
#18 AR-1242-3

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 15523584
Conc: 261.77 ng/ml



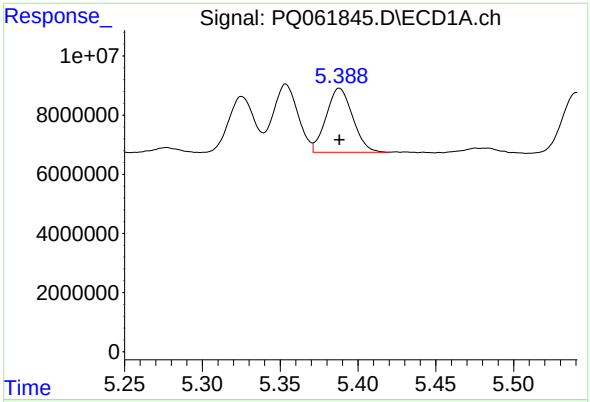
#19 AR-1242-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 25843724
Conc: 262.91 ng/ml



#19 AR-1242-4

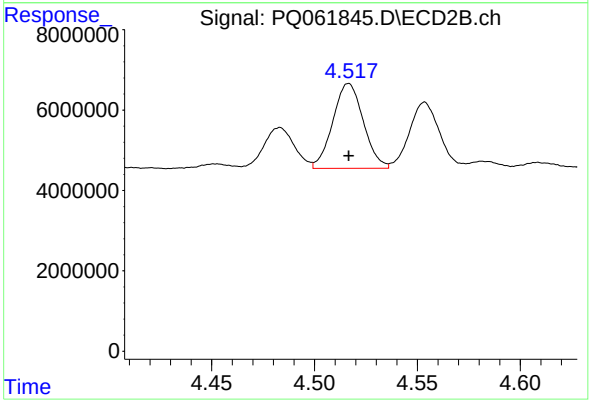
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 15540672
Conc: 268.39 ng/ml



#20 AR-1242-5

R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 25678505
Conc: 258.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC250



#20 AR-1242-5

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 21829124
Conc: 264.95 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061846.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 05:45
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 07:39:06 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 07:39:00 2023
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...	3.404	2.758	24561666	12378765	4.846	4.760
2)	SA Decachlor...	8.583	7.529	19025818	17235562	5.083	5.065
	Target Compounds						
16)	L4 AR-1242-1	4.504	3.760	6395370	3917734	48.930	50.657
17)	L4 AR-1242-2	4.524	3.775	9724280	5532122	50.089	49.768
18)	L4 AR-1242-3	4.581	3.936	6267308	2783577	51.863	47.521
19)	L4 AR-1242-4	4.673	4.022	4711466	3076505	48.330	52.475
20)	L4 AR-1242-5	5.389	4.516	4030305	4245002	42.101	51.211

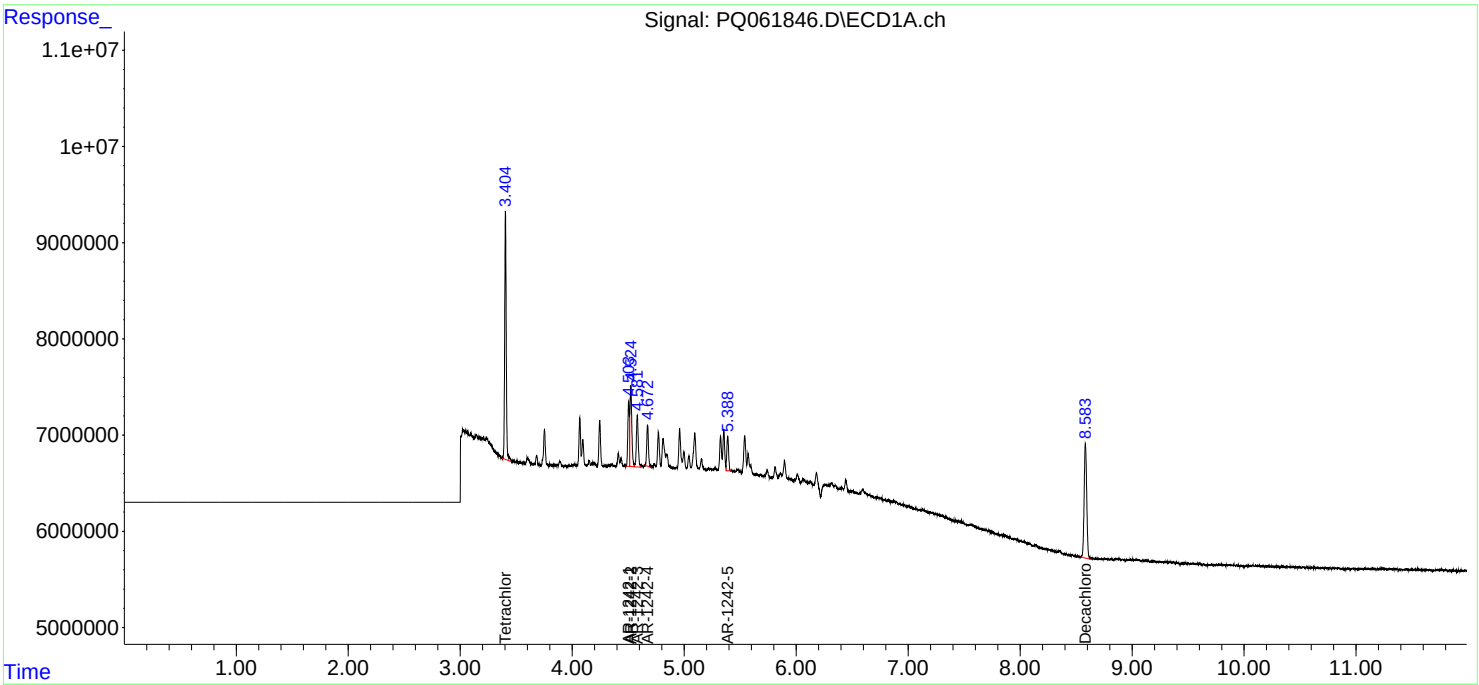
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

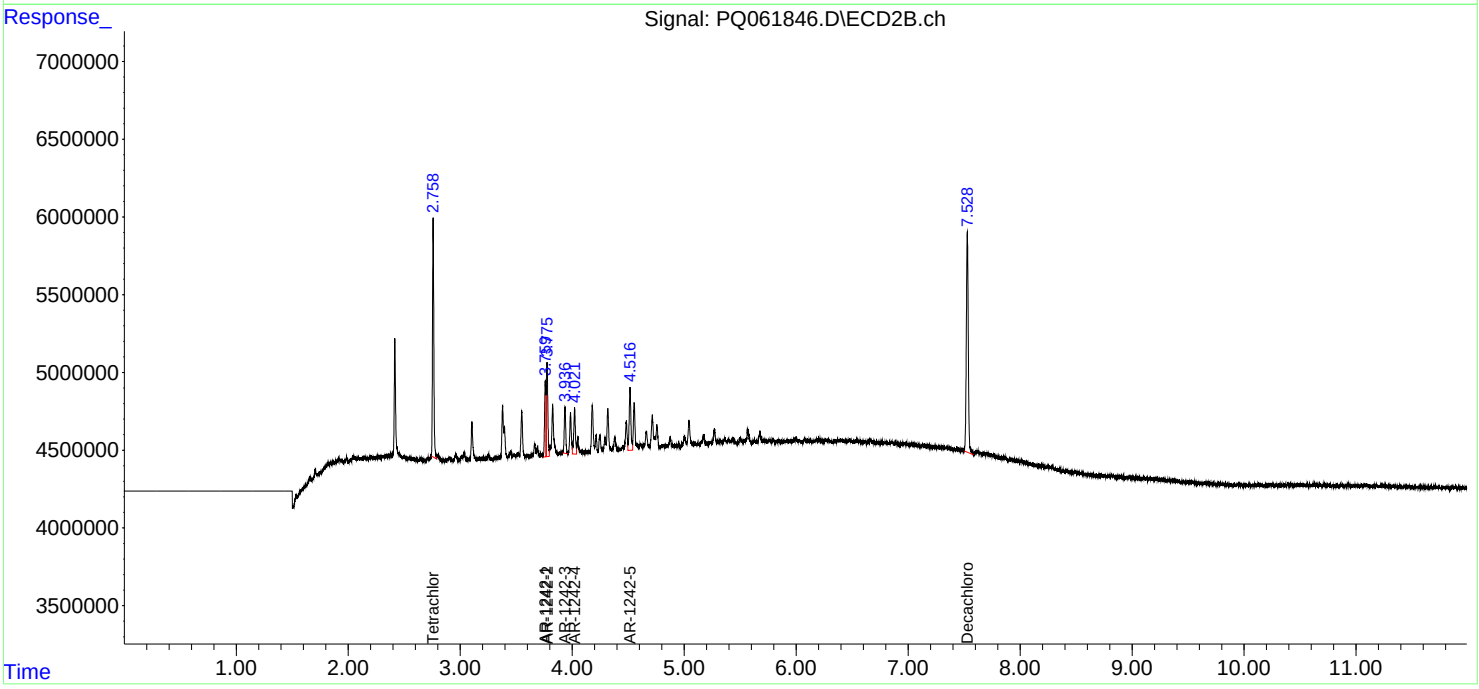
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061846.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 05:45
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 47 Sample Multiplier: 1

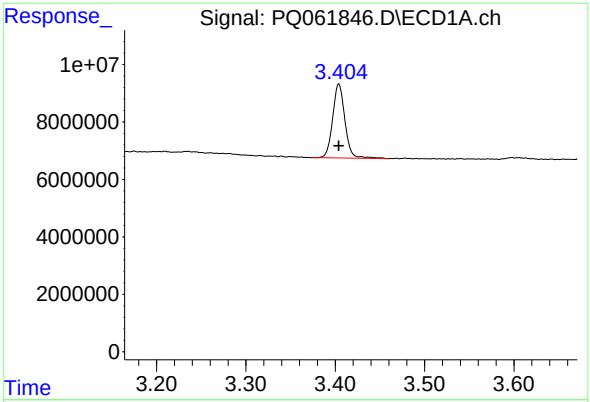
Instrument :
ECD_Q
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 07:39:06 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 07:39:00 2023
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



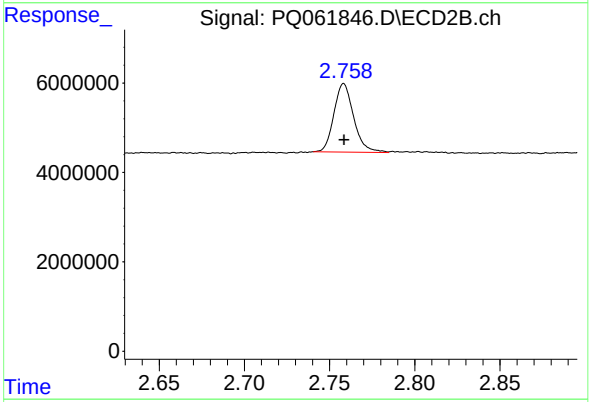




#1 Tetrachloro-m-xylene

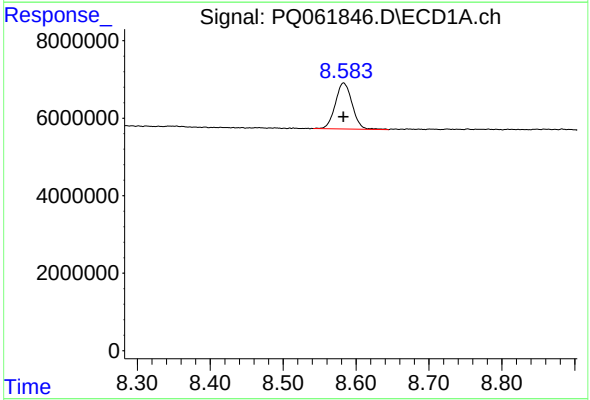
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 24561666
Conc: 4.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC050



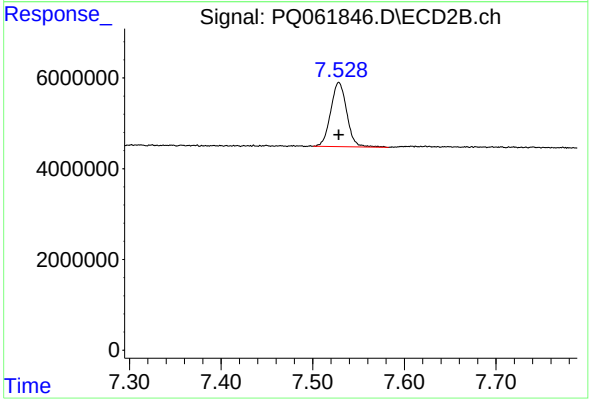
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 12378765
Conc: 4.76 ng/ml



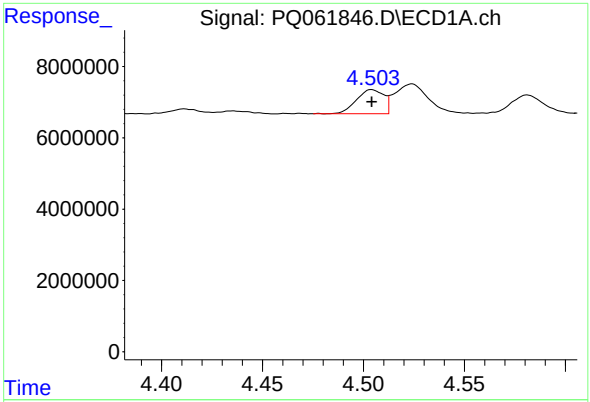
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 19025818
Conc: 5.08 ng/ml



#2 Decachlorobiphenyl

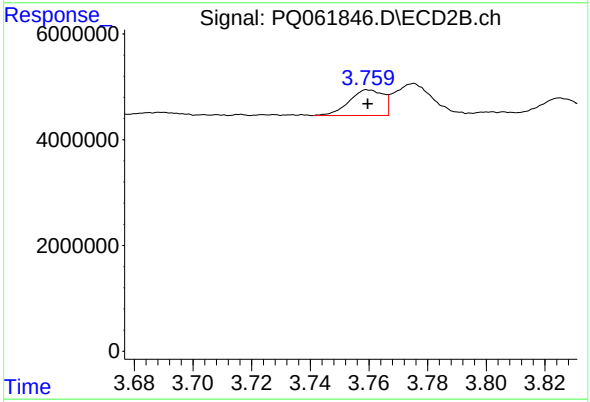
R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 17235562
Conc: 5.07 ng/ml



#16 AR-1242-1

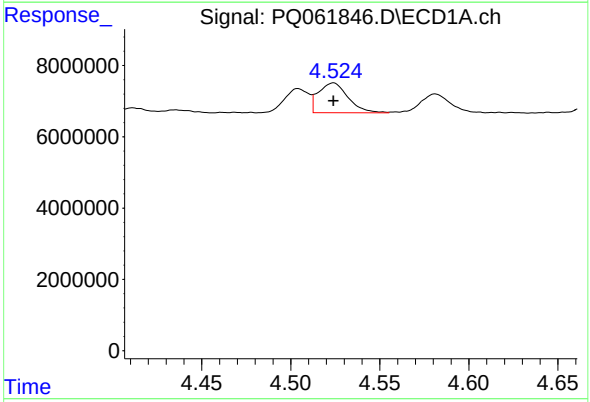
R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: 6395370
Conc: 48.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC050



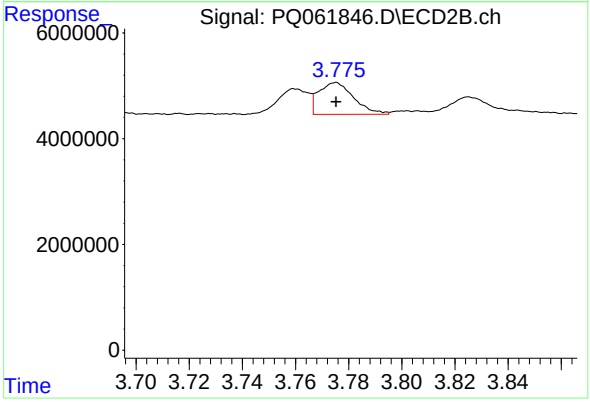
#16 AR-1242-1

R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 3917734
Conc: 50.66 ng/ml



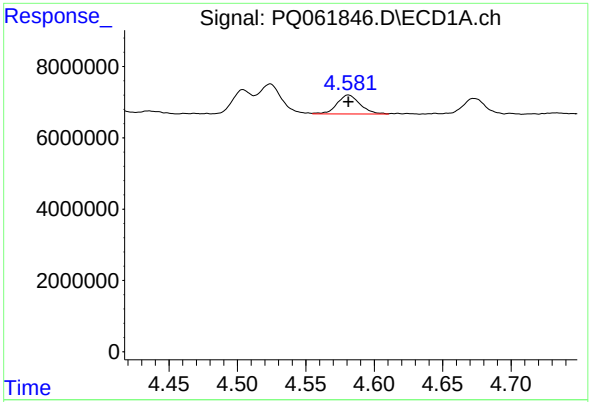
#17 AR-1242-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 9724280
Conc: 50.09 ng/ml



#17 AR-1242-2

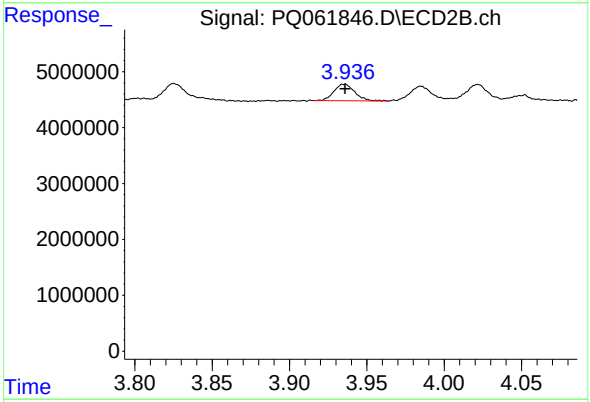
R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 5532122
Conc: 49.77 ng/ml



#18 AR-1242-3

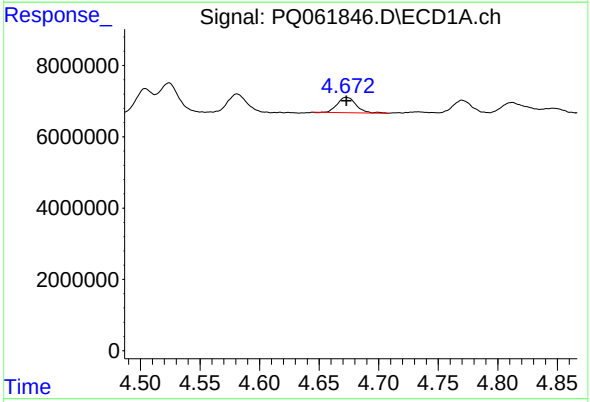
R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 6267308
Conc: 51.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC050



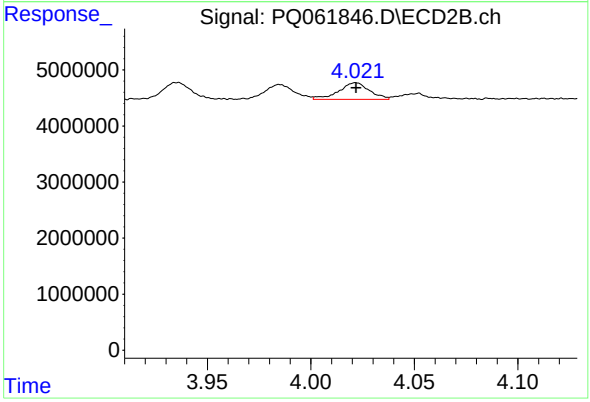
#18 AR-1242-3

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 2783577
Conc: 47.52 ng/ml



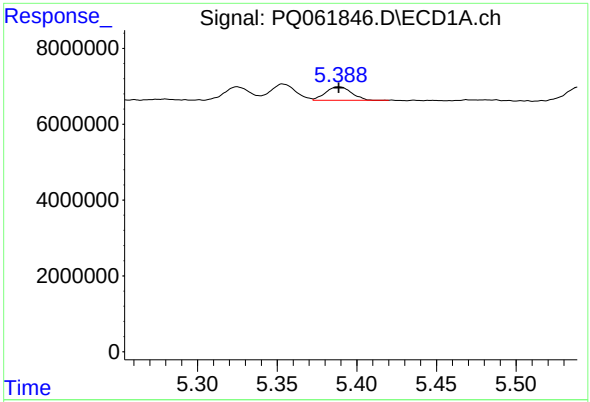
#19 AR-1242-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 4711466
Conc: 48.33 ng/ml



#19 AR-1242-4

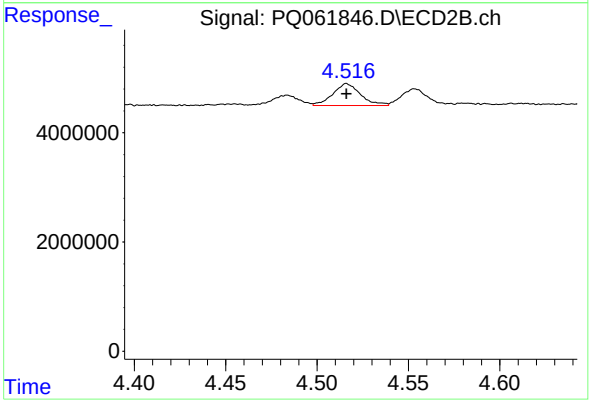
R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 3076505
Conc: 52.47 ng/ml



#20 AR-1242-5

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 4030305
Conc: 42.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC050



#20 AR-1242-5

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 4245002
Conc: 51.21 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061847.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 05:59
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 07:47:19 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 07:47:11 2023
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...	3.404	2.759	509.0E6	267.8E6	97.264	97.703
2)	SA Decachlor...	8.582	7.528	366.5E6	334.3E6	96.246	96.956
	Target Compounds						
21)	L5 AR-1248-1	4.505	3.760	101.5E6	60440678	965.743	968.038
22)	L5 AR-1248-2	4.770	3.985	134.9E6	89666096	954.831	946.243
23)	L5 AR-1248-3	4.960	4.022	165.0E6	86657239	959.184	949.339
24)	L5 AR-1248-4	5.353	4.179	185.3E6	107.9E6	963.564	955.633
25)	L5 AR-1248-5	5.388	4.554	180.0E6	109.1E6	966.827	967.480

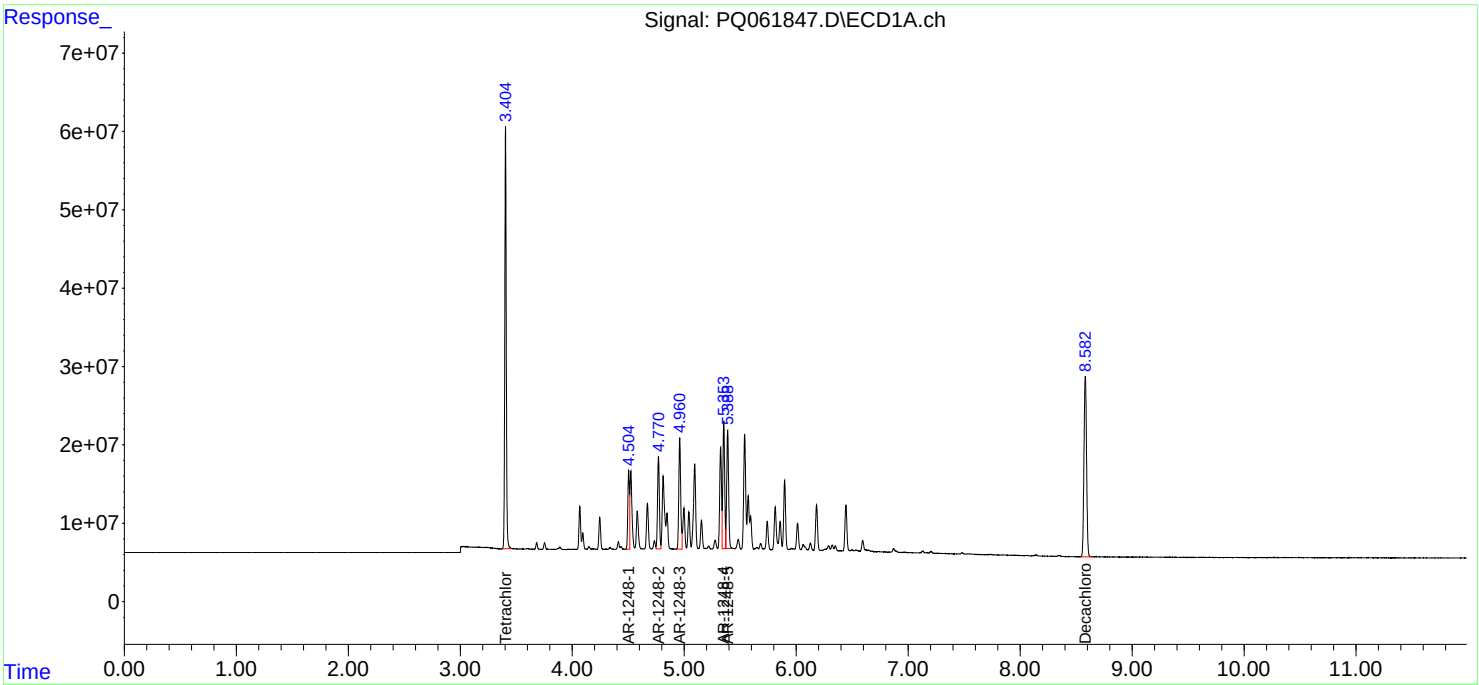
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

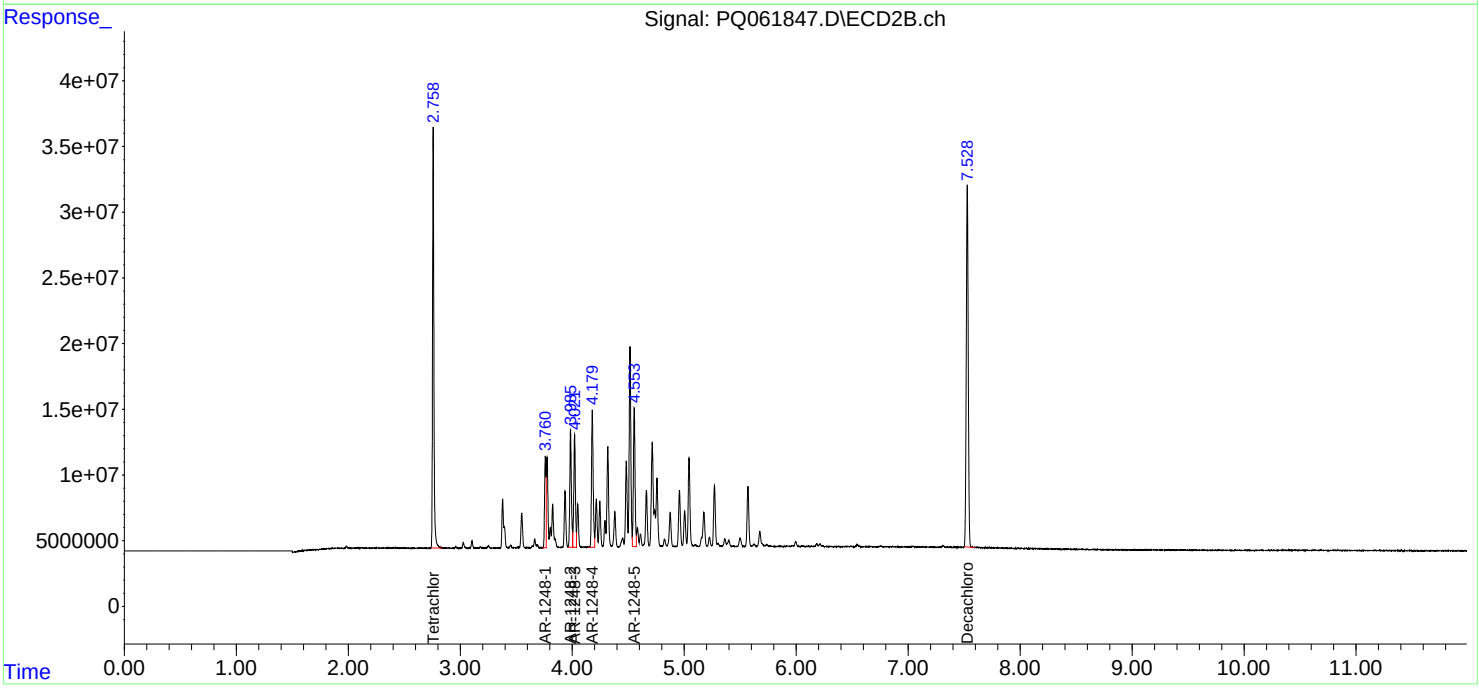
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061847.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 05:59
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 48 Sample Multiplier: 1

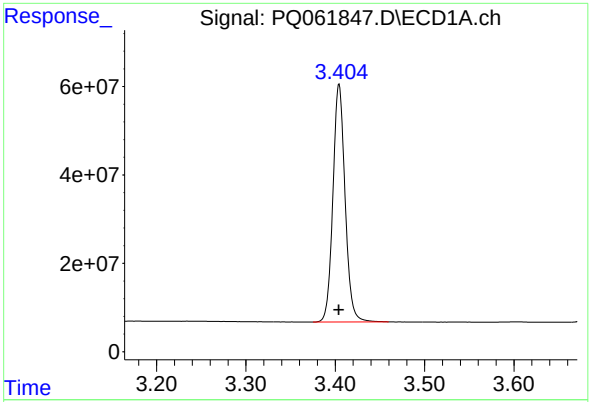
Instrument :
ECD_Q
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 07:47:19 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 07:47:11 2023
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



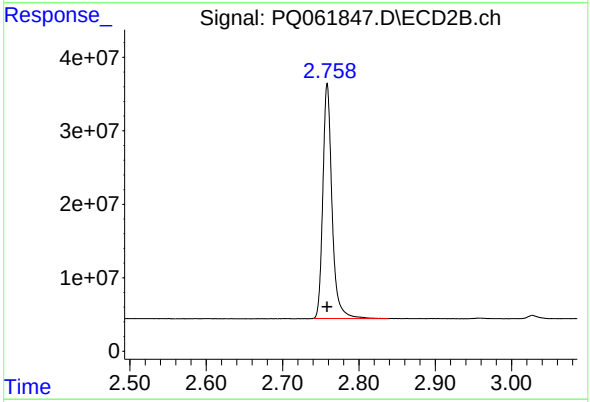




#1 Tetrachloro-m-xylene

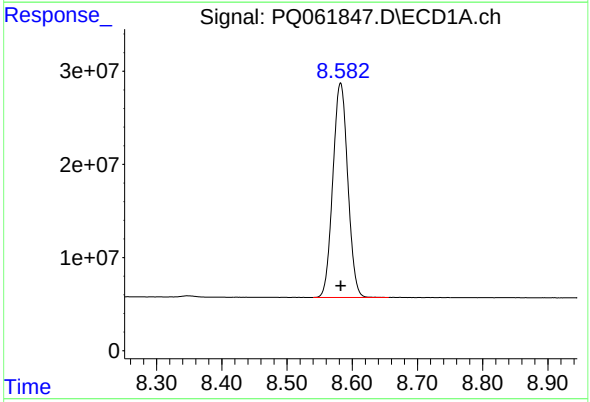
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 509031323
Conc: 97.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC1000



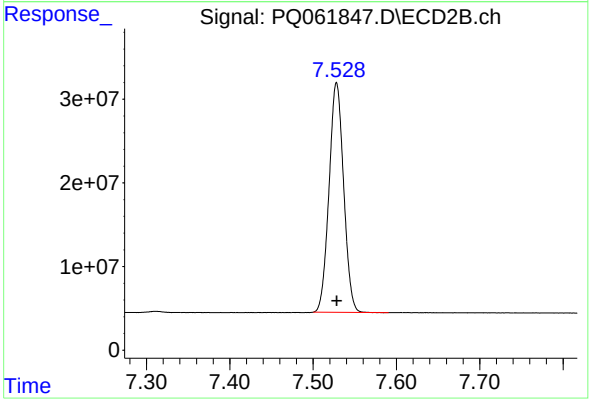
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 267844477
Conc: 97.70 ng/ml



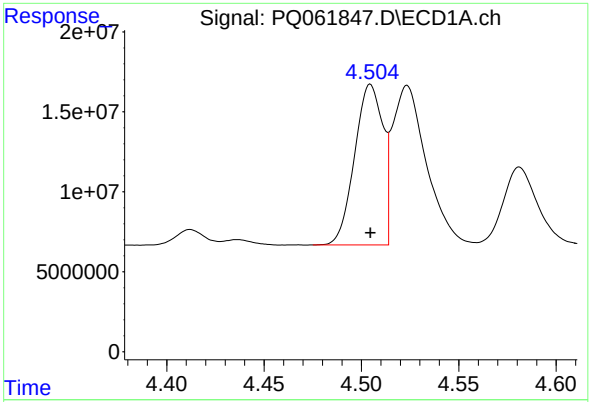
#2 Decachlorobiphenyl

R.T.: 8.582 min
Delta R.T.: 0.000 min
Response: 366486542
Conc: 96.25 ng/ml



#2 Decachlorobiphenyl

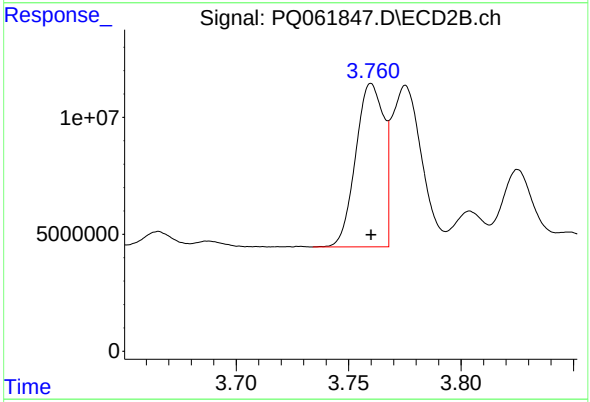
R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 334261060
Conc: 96.96 ng/ml



#21 AR-1248-1

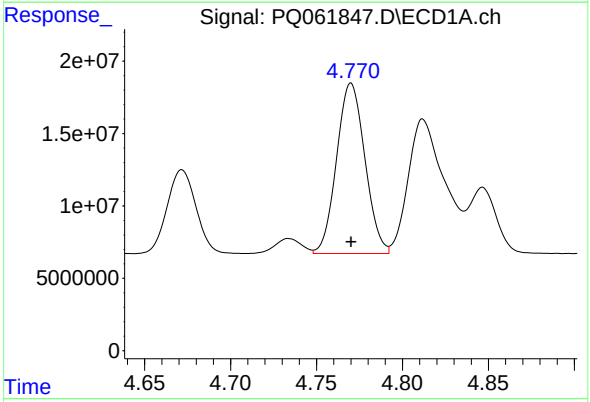
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 101532881
Conc: 965.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC1000



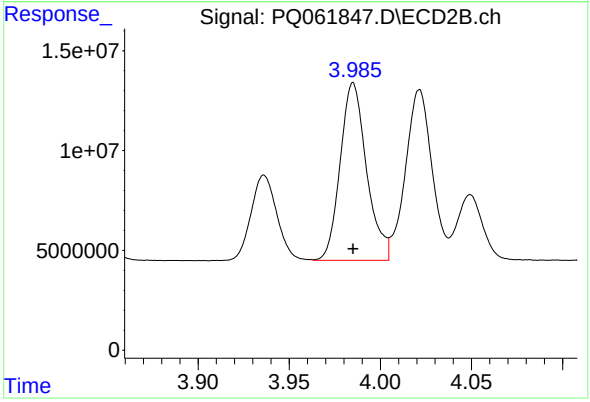
#21 AR-1248-1

R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 60440678
Conc: 968.04 ng/ml



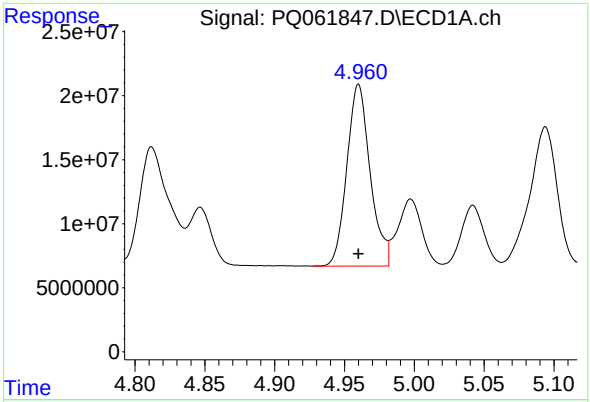
#22 AR-1248-2

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 134889130
Conc: 954.83 ng/ml



#22 AR-1248-2

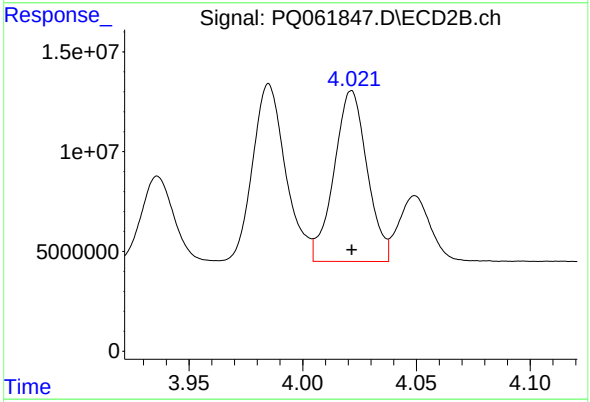
R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 89666096
Conc: 946.24 ng/ml



#23 AR-1248-3

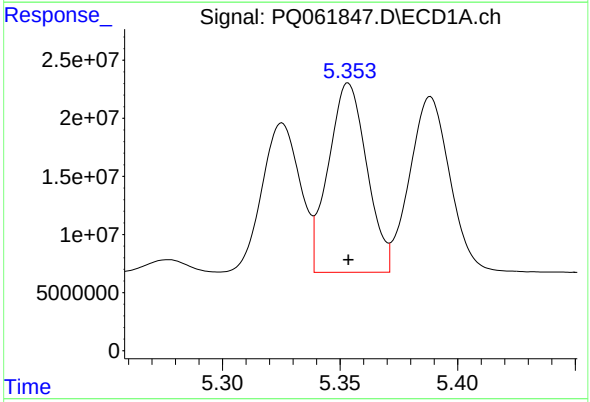
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 164978029
Conc: 959.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC1000



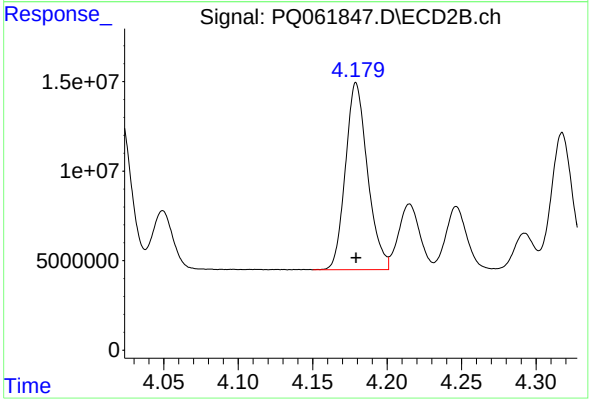
#23 AR-1248-3

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 86657239
Conc: 949.34 ng/ml



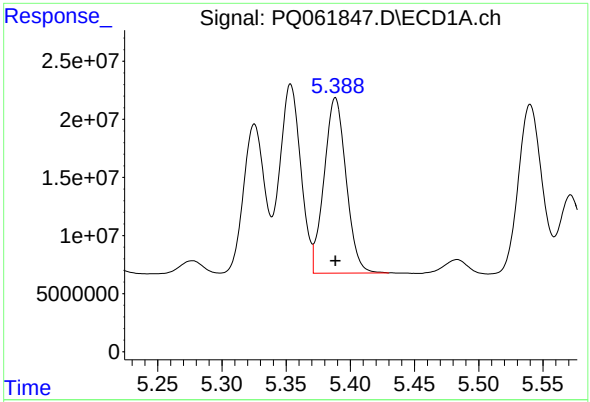
#24 AR-1248-4

R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 185288890
Conc: 963.56 ng/ml



#24 AR-1248-4

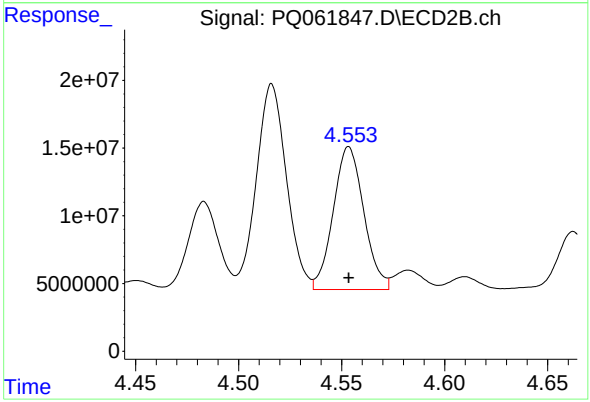
R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 107902999
Conc: 955.63 ng/ml



#25 AR-1248-5

R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 180028262
Conc: 966.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC1000



#25 AR-1248-5

R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 109111515
Conc: 967.48 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061848.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 06:14
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Ankita Jodhani 07/05/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 08:20:03 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 08:19:55 2023
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...	3.424	2.759	388.6E6	202.2E6	74.495	74.178
2)	SA Decachlor...	8.602	7.528	283.6E6	257.2E6	74.653	74.740
	Target Compounds						
21)	L5 AR-1248-1	4.524	3.760	77765647	46154440	743.087	742.782
22)	L5 AR-1248-2	4.790	3.985	104.6E6	67929937	759.587	727.578
23)	L5 AR-1248-3	4.980	4.021	128.1E6	65578986	746.665	728.650
24)	L5 AR-1248-4	5.374	4.179	142.1E6	82416026	735.576m	736.486
25)	L5 AR-1248-5	5.408	4.553	138.0E6	83166192	752.251m	741.570

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061848.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 06:14
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 49 Sample Multiplier: 1

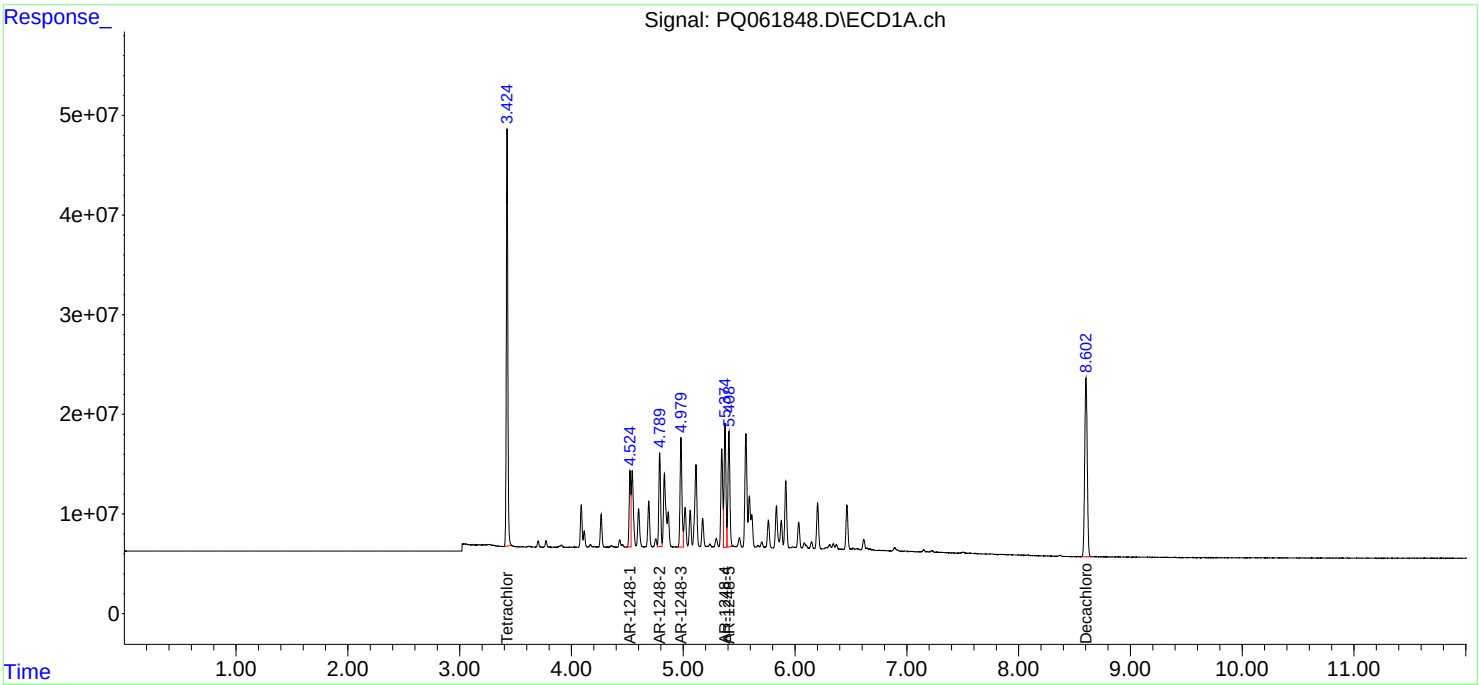
Instrument :
ECD_Q
ClientSampleId :
AR1248ICC750

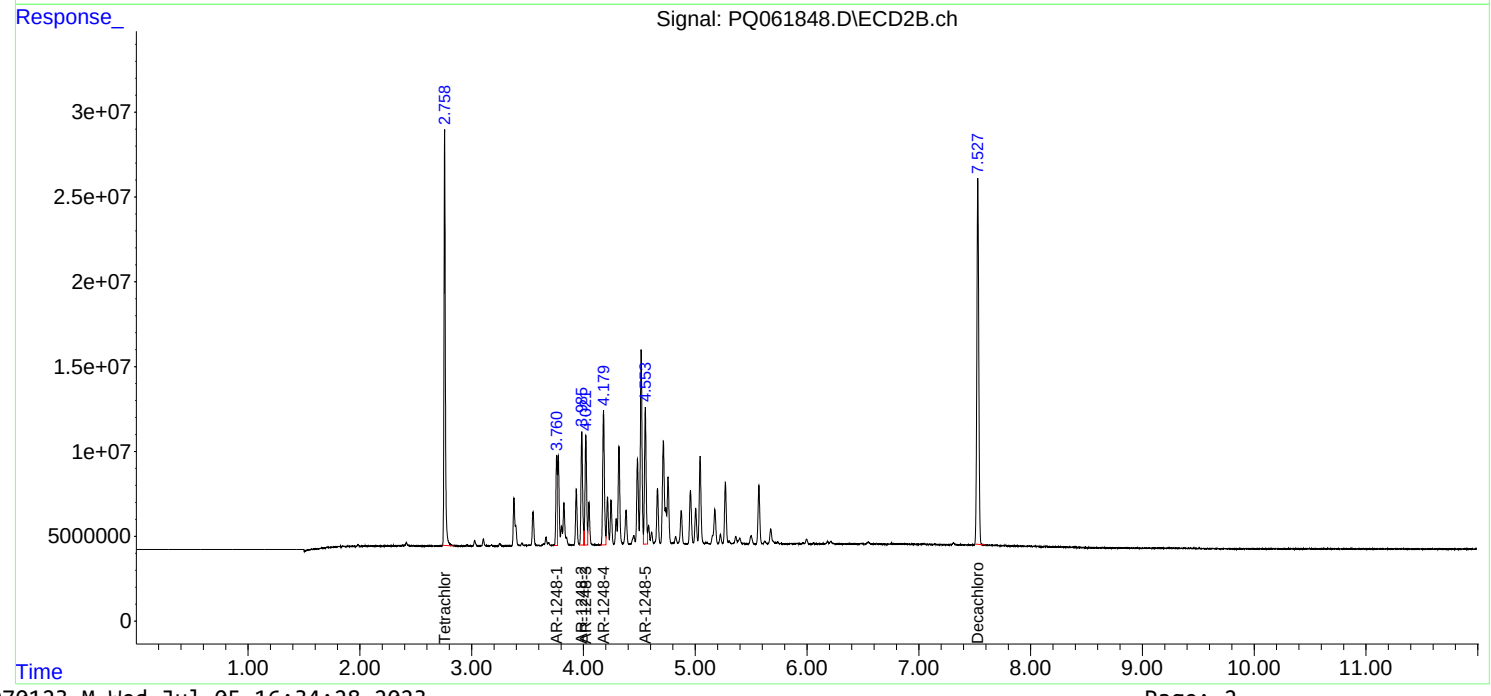
Manual Integrations APPROVED

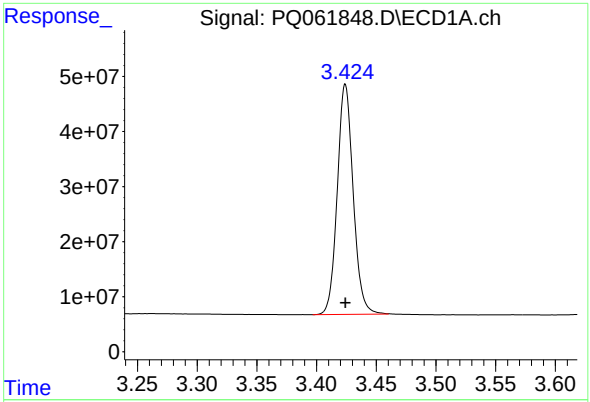
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Ankita Jodhani 07/05/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 08:20:03 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 08:19:55 2023
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







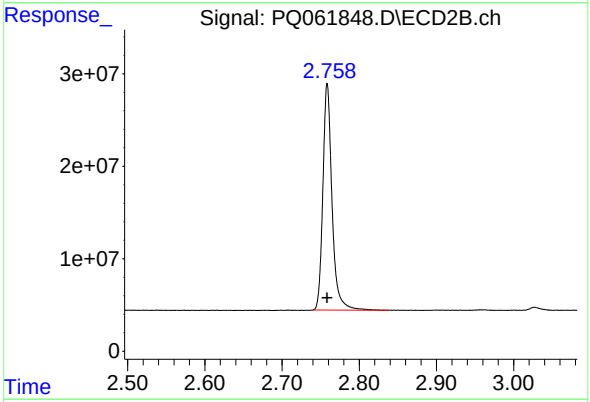
#1 Tetrachloro-m-xylene

R.T.: 3.424 min
Delta R.T.: 0.000 min
Response: 388558168
Conc: 74.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC750

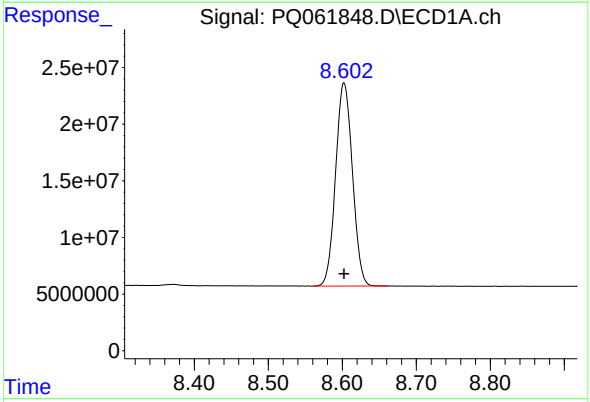
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Ankita Jodhani 07/05/2023



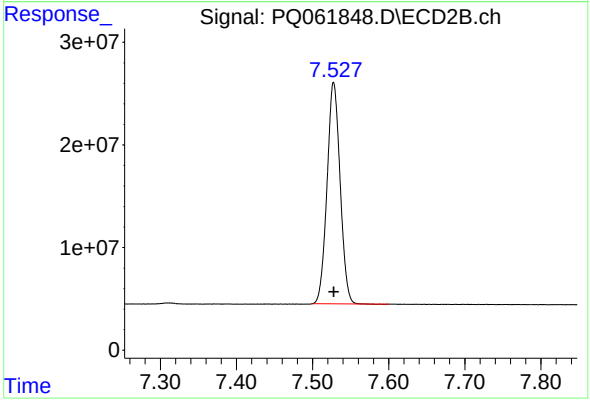
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 202243298
Conc: 74.18 ng/ml



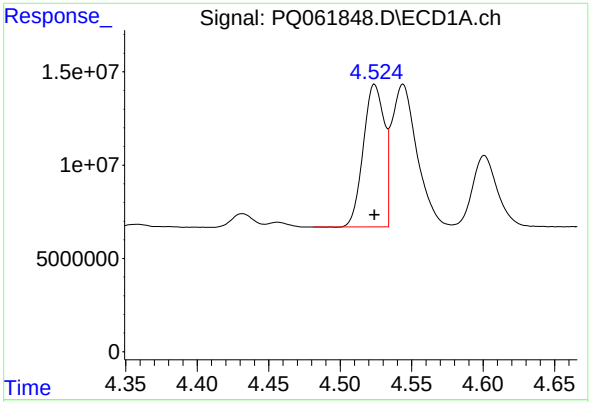
#2 Decachlorobiphenyl

R.T.: 8.602 min
Delta R.T.: 0.000 min
Response: 283610195
Conc: 74.65 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 257225631
Conc: 74.74 ng/ml



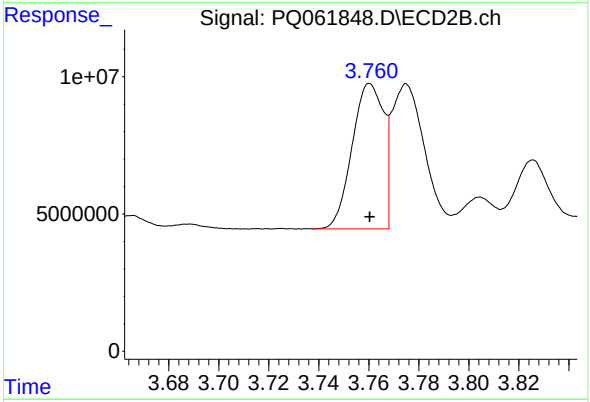
#21 AR-1248-1

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 77765647
Conc: 743.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC750

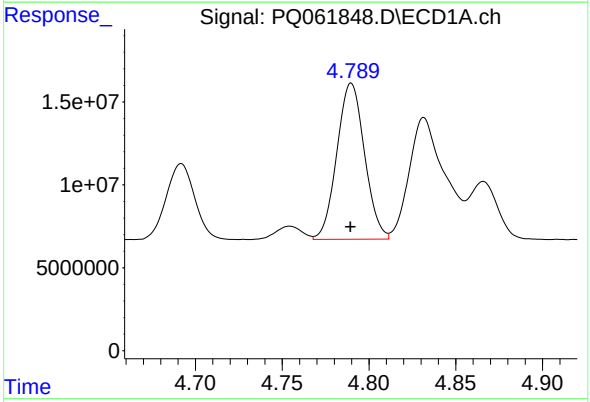
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Ankita Jodhani 07/05/2023



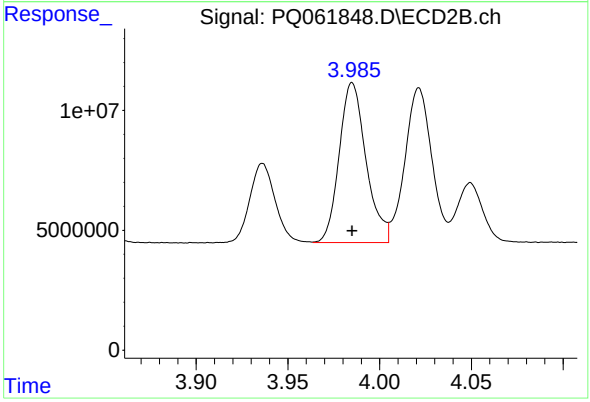
#21 AR-1248-1

R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 46154440
Conc: 742.78 ng/ml



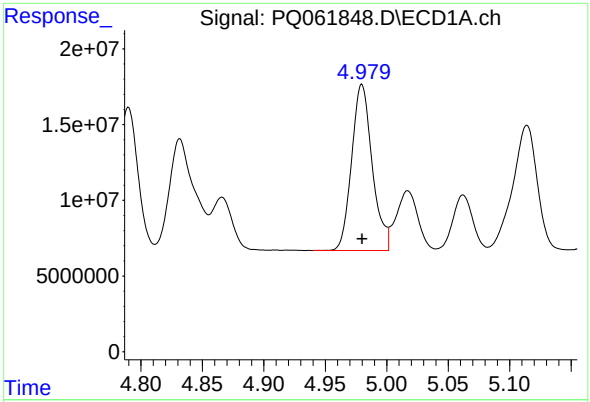
#22 AR-1248-2

R.T.: 4.790 min
Delta R.T.: 0.000 min
Response: 104569178
Conc: 759.59 ng/ml



#22 AR-1248-2

R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 67929937
Conc: 727.58 ng/ml



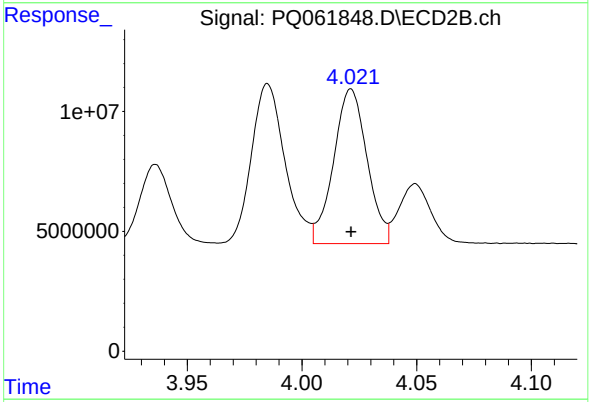
#23 AR-1248-3

R.T.: 4.980 min
Delta R.T.: 0.000 min
Response: 128140288
Conc: 746.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC750

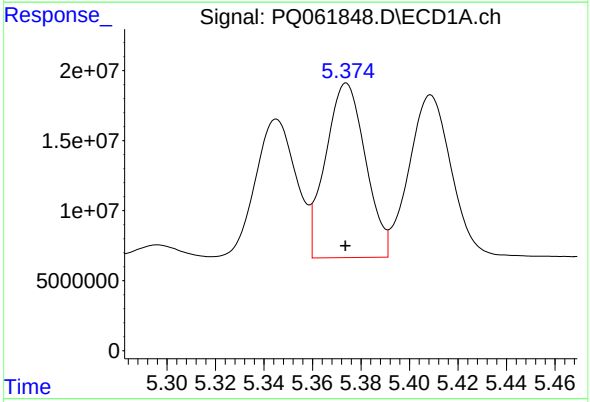
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Ankita Jodhani 07/05/2023



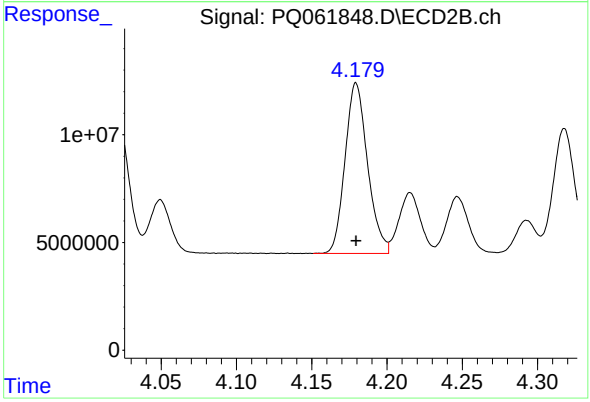
#23 AR-1248-3

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 65578986
Conc: 728.65 ng/ml



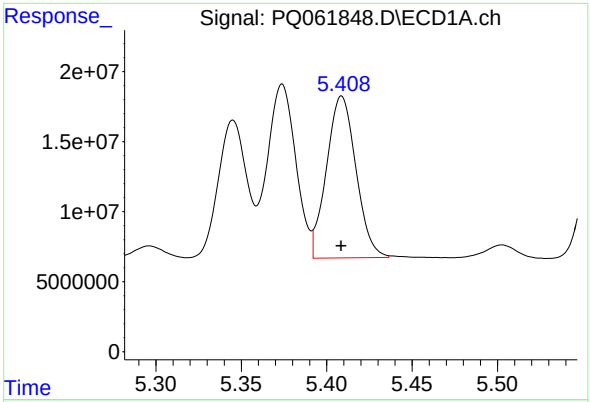
#24 AR-1248-4

R.T.: 5.374 min
Delta R.T.: 0.000 min
Response: 142053280
Conc: 735.58 ng/ml m



#24 AR-1248-4

R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 82416026
Conc: 736.49 ng/ml



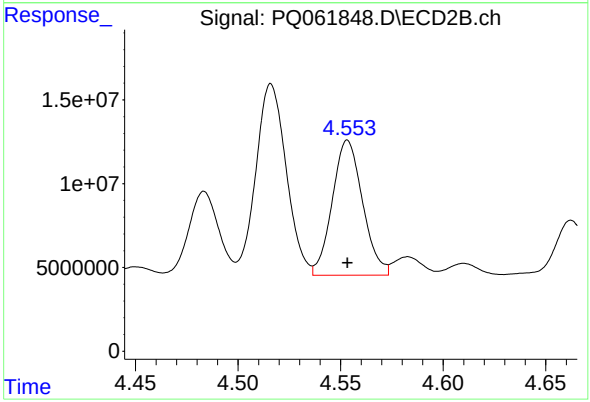
#25 AR-1248-5

R.T.: 5.408 min
Delta R.T.: 0.000 min
Response: 138049483
Conc: 752.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Ankita Jodhani 07/05/2023



#25 AR-1248-5

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 83166192
Conc: 741.57 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061849.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 06:28
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 07:43:09 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 07:41:52 2023
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...	3.404	2.759	268.8E6	140.2E6	50.000	50.000
2)	SA Decachlor...	8.584	7.528	197.5E6	177.6E6	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	4.504	3.761	54368031	32215942	500.000	500.000
22)	L5 AR-1248-2	4.770	3.985	73825666	49927113	500.000	500.000
23)	L5 AR-1248-3	4.960	4.022	89509387	47953043	500.000	500.000
24)	L5 AR-1248-4	5.354	4.179	99650843	58961041	500.000	500.000
25)	L5 AR-1248-5	5.389	4.554	96191149	58223372	500.000	500.000

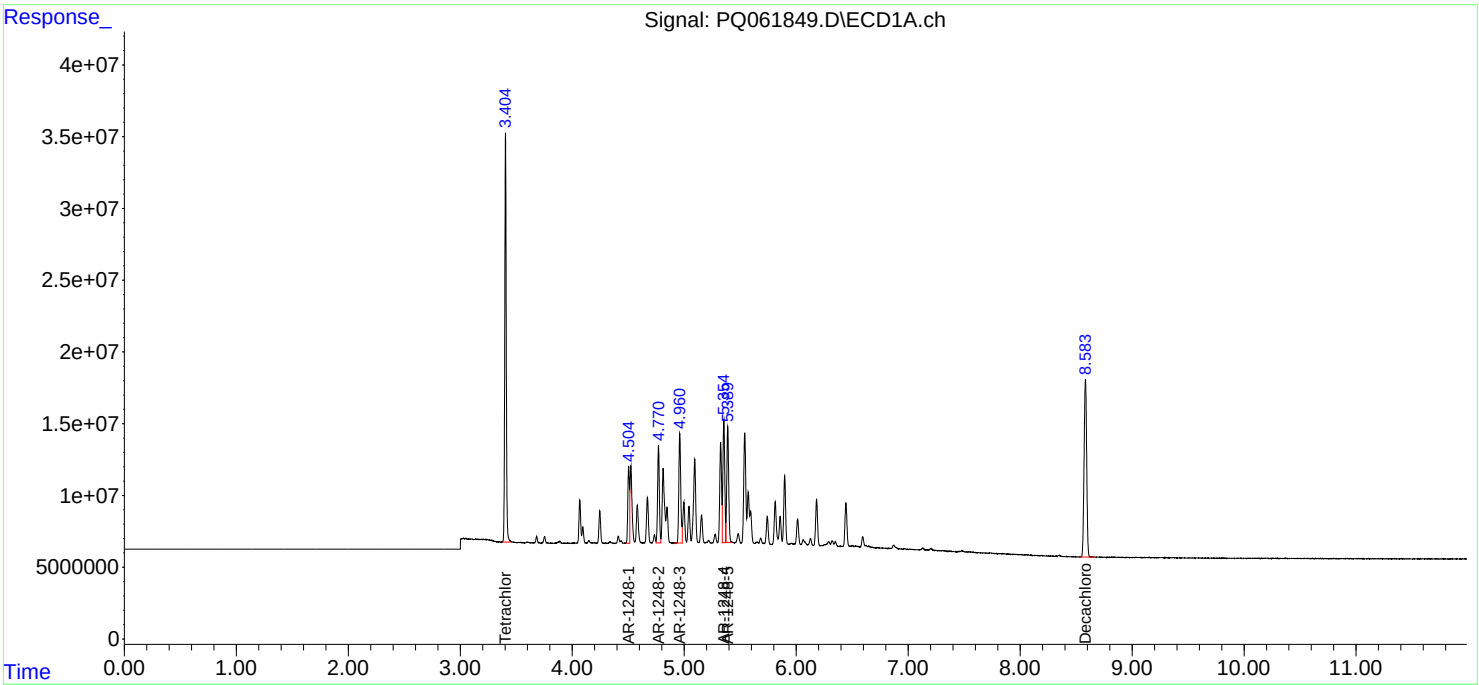
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

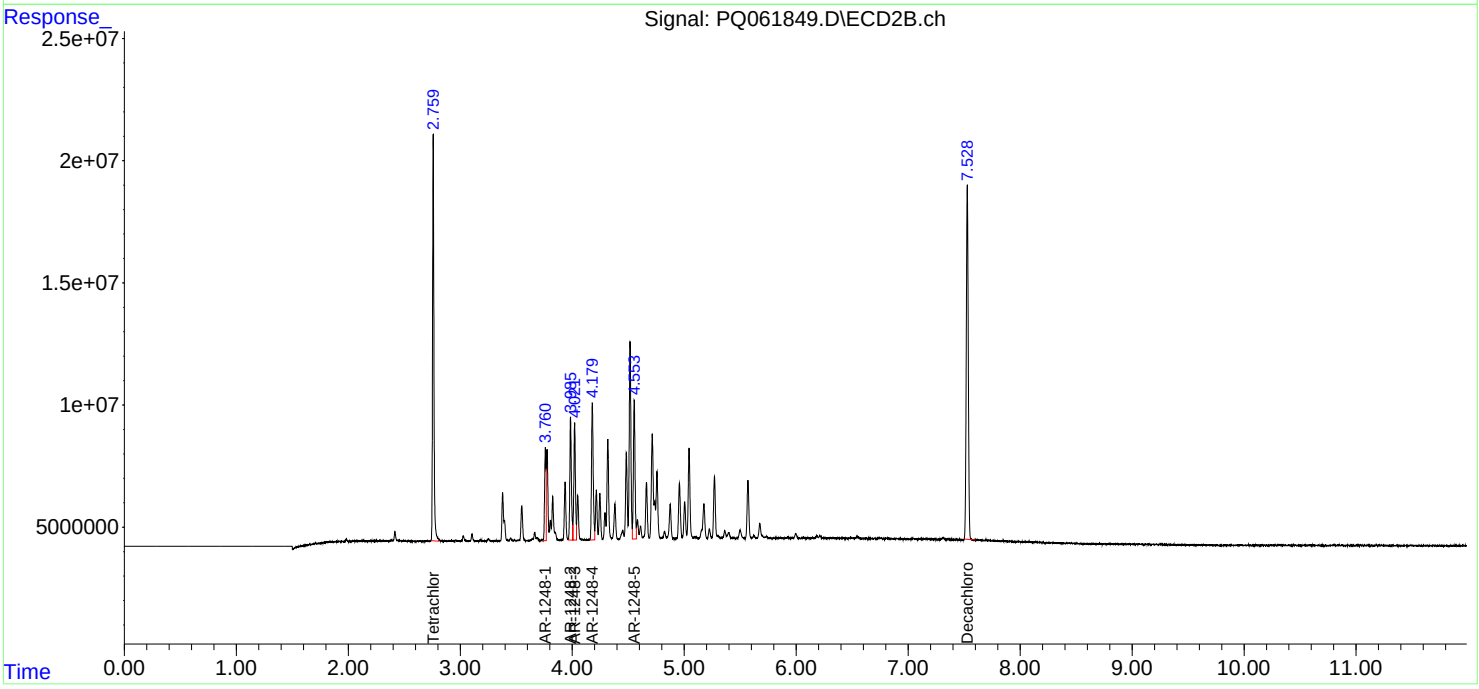
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061849.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 06:28
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 50 Sample Multiplier: 1

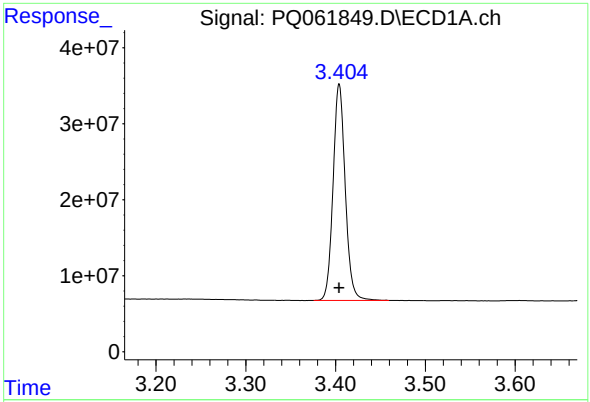
Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 07:43:09 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 07:41:52 2023
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



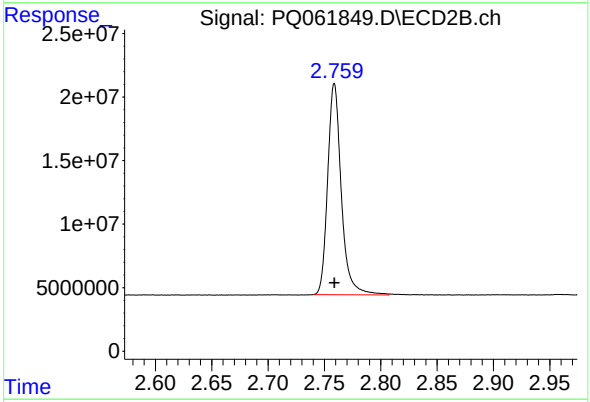




#1 Tetrachloro-m-xylene

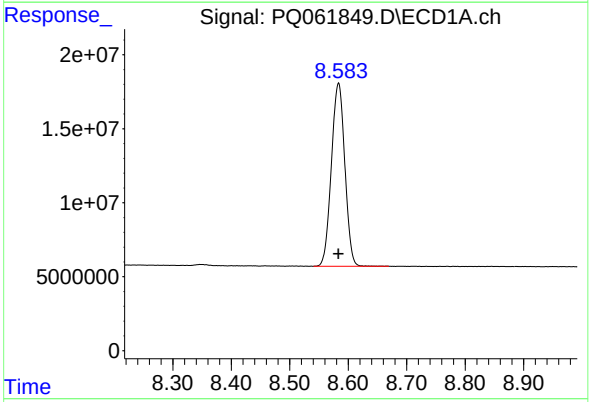
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 268832281
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500



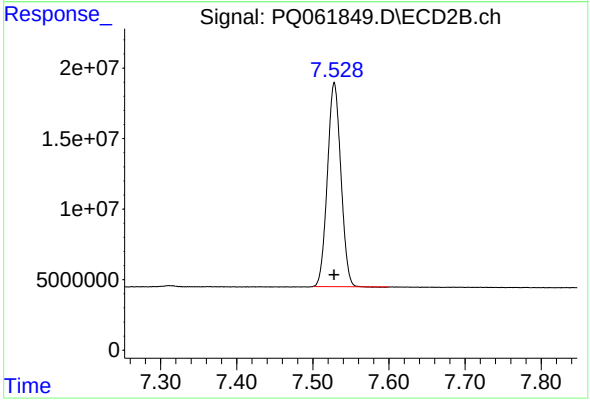
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 140219782
Conc: 50.00 ng/ml



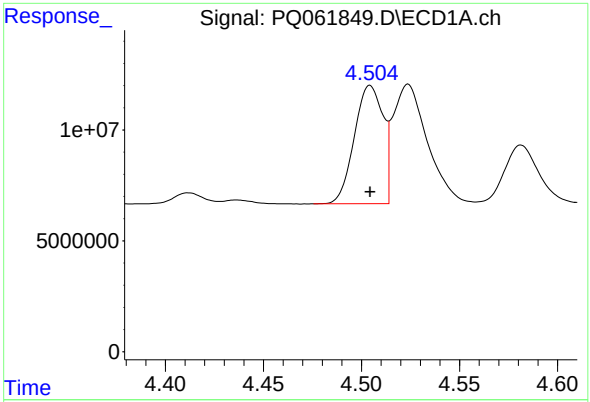
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 197537306
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

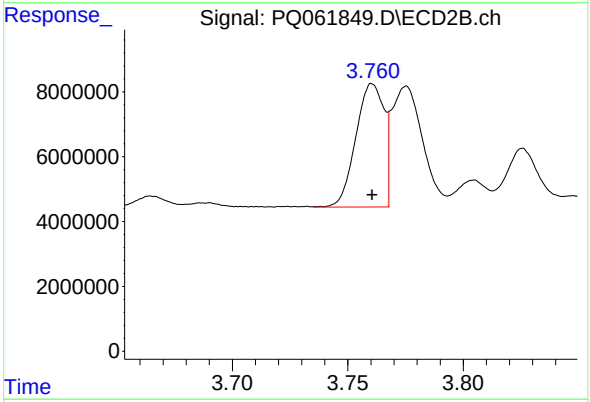
R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 177626310
Conc: 50.00 ng/ml



#21 AR-1248-1

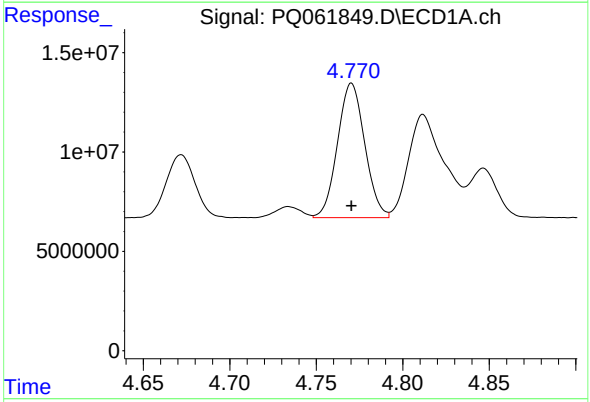
R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: 54368031
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500



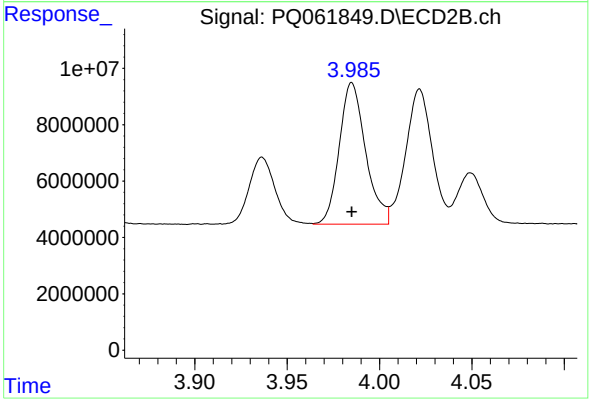
#21 AR-1248-1

R.T.: 3.761 min
Delta R.T.: 0.000 min
Response: 32215942
Conc: 500.00 ng/ml



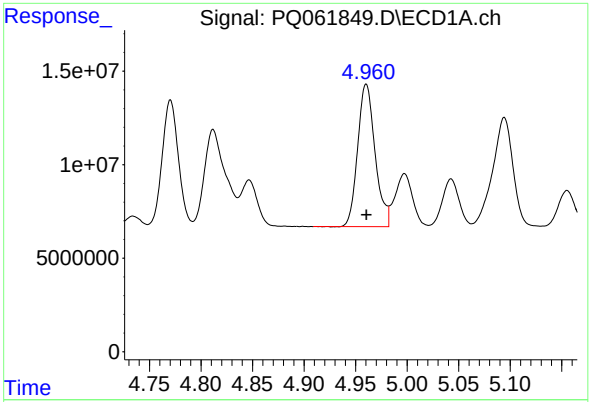
#22 AR-1248-2

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 73825666
Conc: 500.00 ng/ml



#22 AR-1248-2

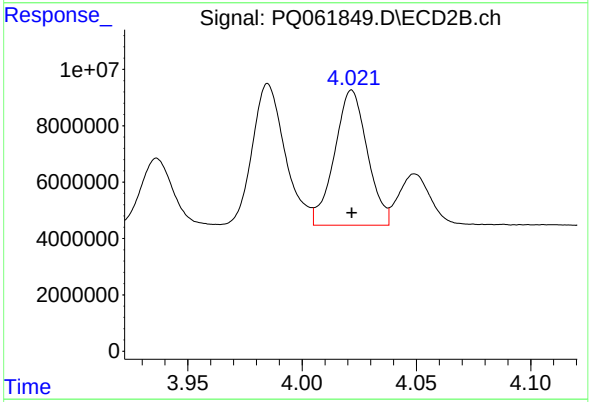
R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 49927113
Conc: 500.00 ng/ml



#23 AR-1248-3

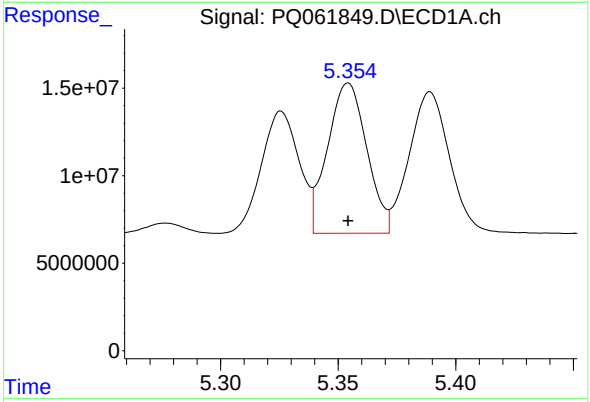
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 89509387
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500



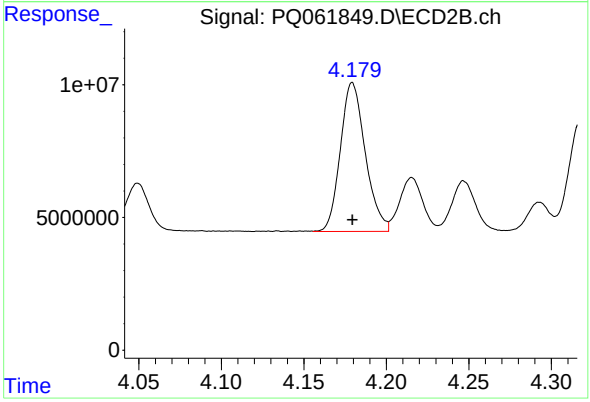
#23 AR-1248-3

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 47953043
Conc: 500.00 ng/ml



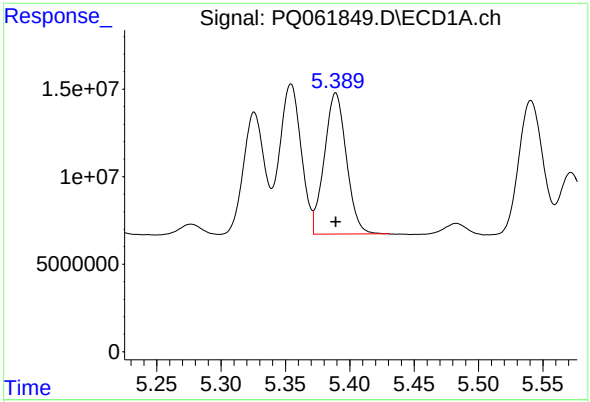
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 99650843
Conc: 500.00 ng/ml



#24 AR-1248-4

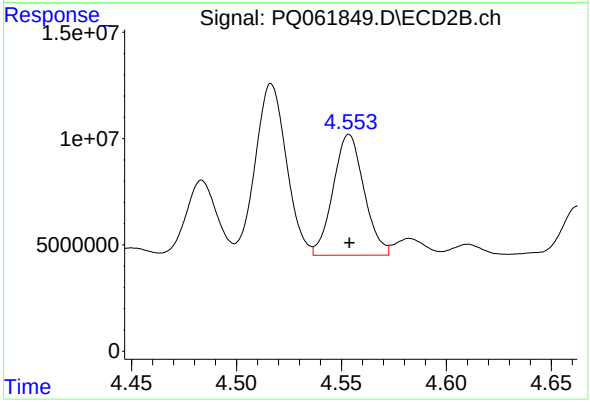
R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 58961041
Conc: 500.00 ng/ml



#25 AR-1248-5

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 96191149
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500



#25 AR-1248-5

R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 58223372
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061850.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 06:43
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 08:22:32 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 08:22:25 2023
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...	3.404	2.759	134.1E6	70537223	25.533	25.648
2)	SA Decachlor...	8.583	7.528	101.8E6	91363612	26.322	26.142
	Target Compounds						
21)	L5 AR-1248-1	4.504	3.761	28032626	17001205	263.163	267.297
22)	L5 AR-1248-2	4.770	3.985	38451646	25006796	271.358	263.146
23)	L5 AR-1248-3	4.960	4.022	46768383	24035232	266.515	262.578
24)	L5 AR-1248-4	5.354	4.180	51110085	30240425	260.834	264.875
25)	L5 AR-1248-5	5.388	4.555	49269427	29739427	263.606	261.213

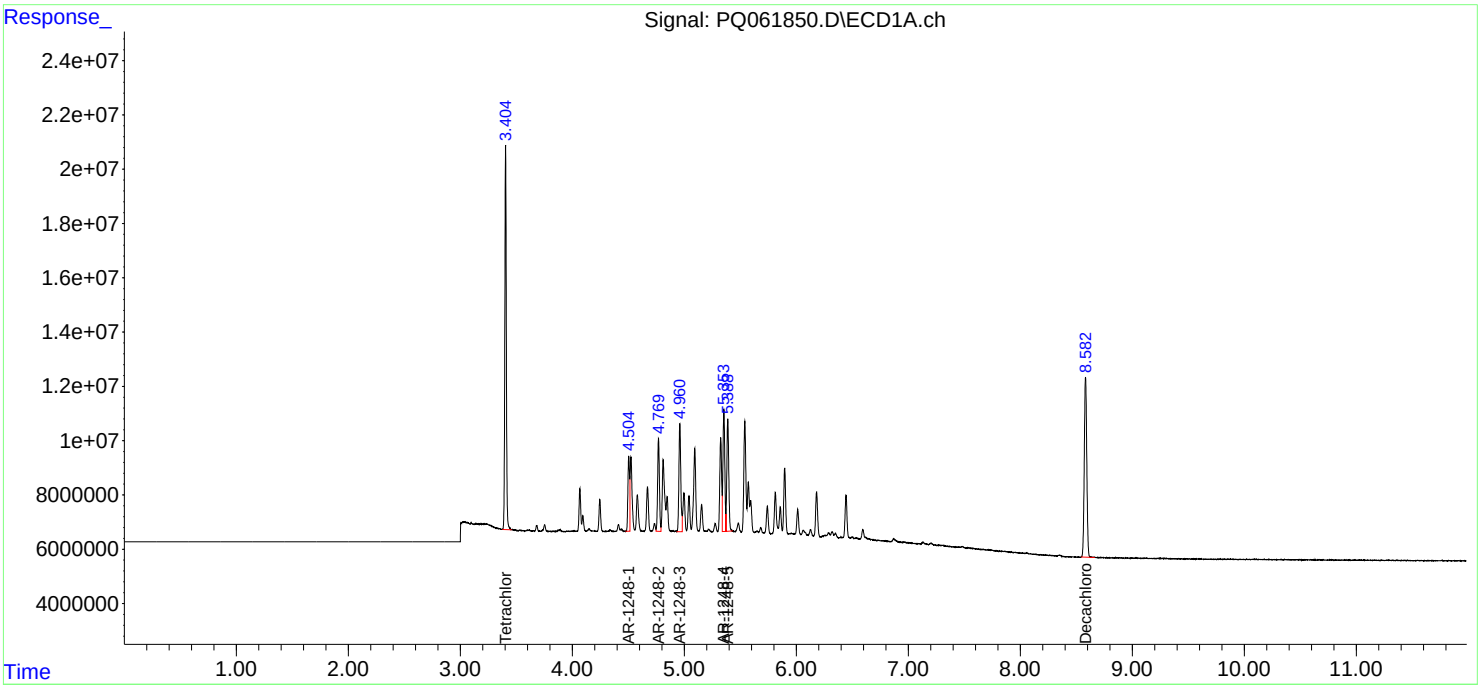
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

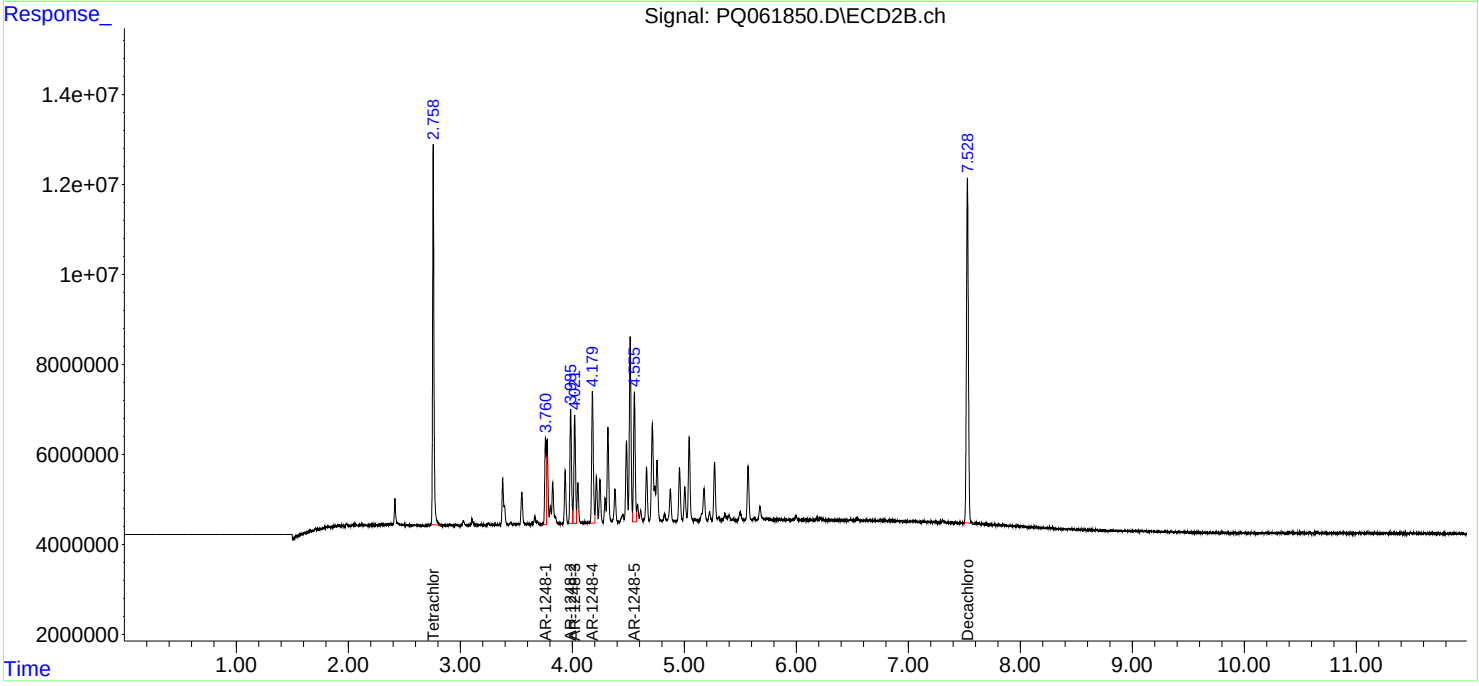
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061850.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 06:43
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 51 Sample Multiplier: 1

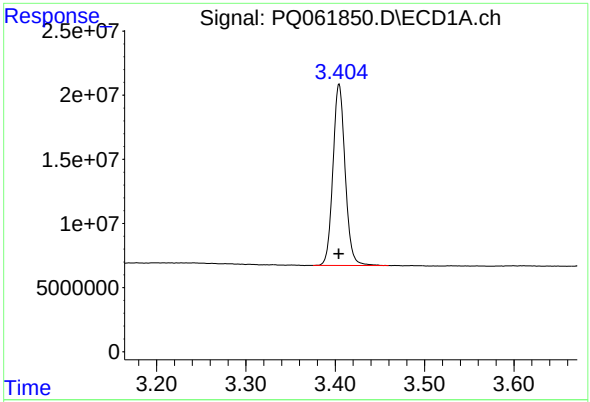
Instrument :
ECD_Q
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 08:22:32 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 08:22:25 2023
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



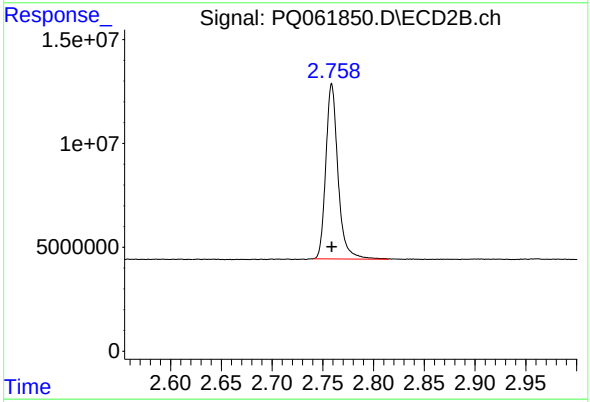




#1 Tetrachloro-m-xylene

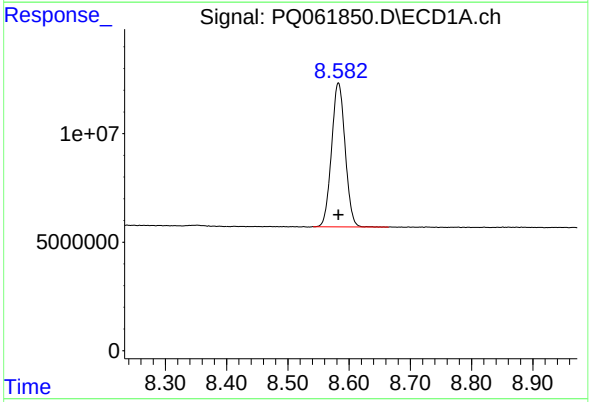
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 134128985
Conc: 25.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC250



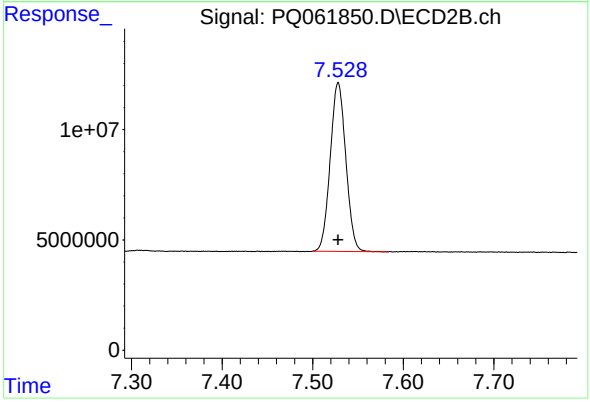
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 70537223
Conc: 25.65 ng/ml



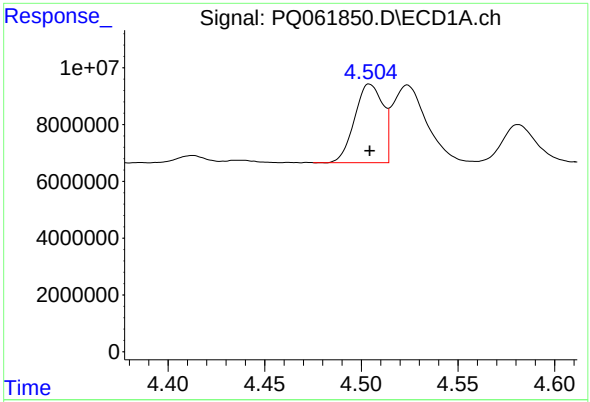
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 101793696
Conc: 26.32 ng/ml



#2 Decachlorobiphenyl

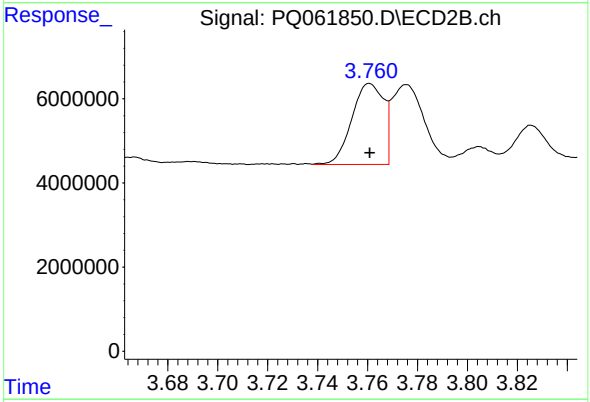
R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 91363612
Conc: 26.14 ng/ml



#21 AR-1248-1

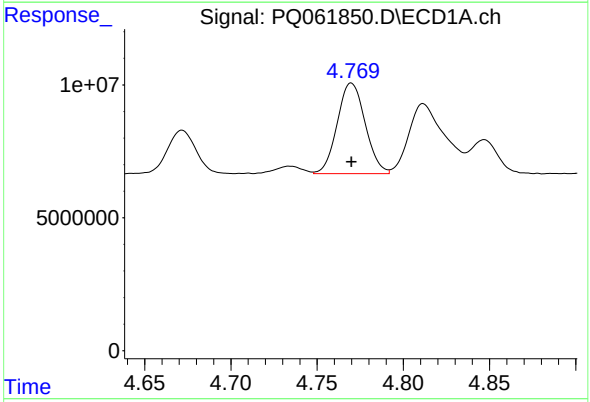
R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: 28032626
Conc: 263.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC250



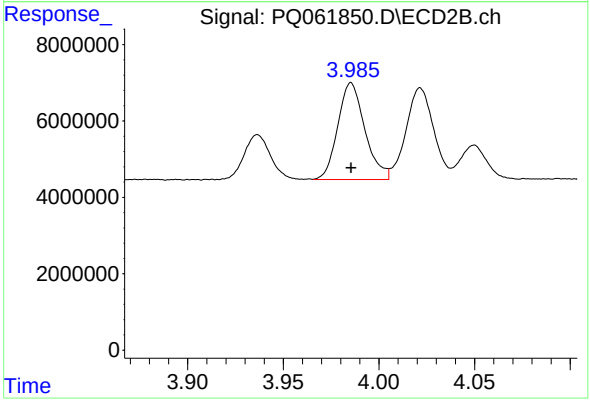
#21 AR-1248-1

R.T.: 3.761 min
Delta R.T.: 0.000 min
Response: 17001205
Conc: 267.30 ng/ml



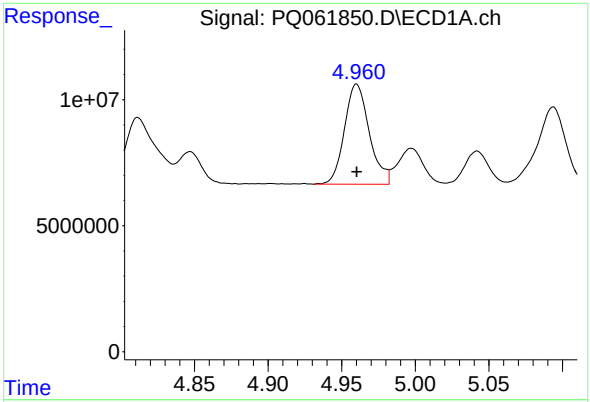
#22 AR-1248-2

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 38451646
Conc: 271.36 ng/ml



#22 AR-1248-2

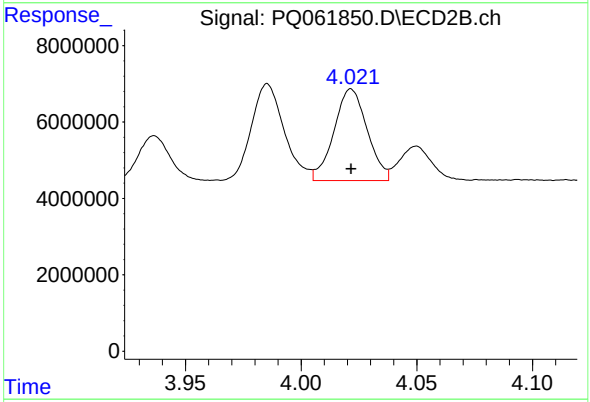
R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 25006796
Conc: 263.15 ng/ml



#23 AR-1248-3

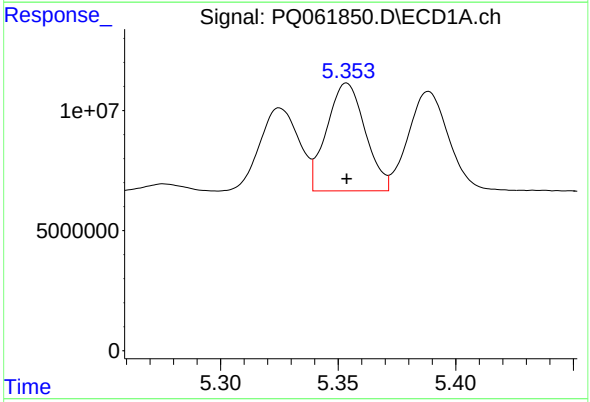
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 46768383
Conc: 266.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC250



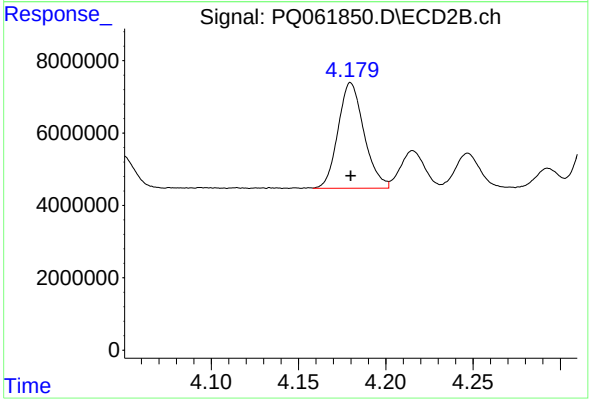
#23 AR-1248-3

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 24035232
Conc: 262.58 ng/ml



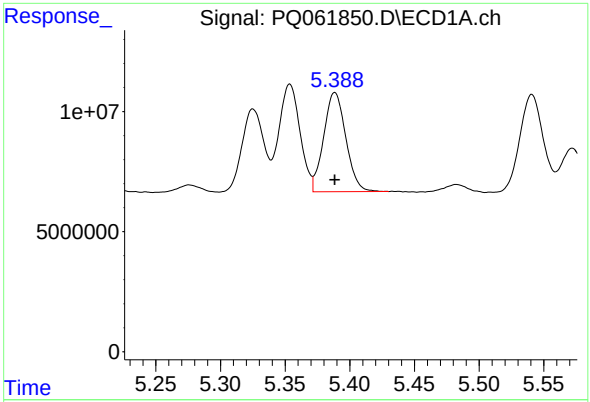
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 51110085
Conc: 260.83 ng/ml



#24 AR-1248-4

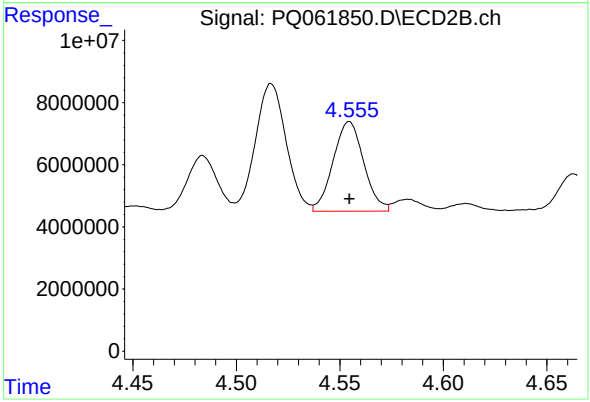
R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 30240425
Conc: 264.87 ng/ml



#25 AR-1248-5

R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 49269427
Conc: 263.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC250



#25 AR-1248-5

R.T.: 4.555 min
Delta R.T.: 0.000 min
Response: 29739427
Conc: 261.21 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061851.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 06:58
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 08:31:48 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 08:31:40 2023
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...	3.404	2.758	22917595	11887071	4.477	4.443
2)	SA Decachlor...	8.582	7.528	18849733	16792827	4.899	4.843
	Target Compounds						
21)	L5 AR-1248-1	4.505	3.760	4690312	2909259	45.108	46.533
22)	L5 AR-1248-2	4.770	3.985	7126898	4436154	50.236	47.310
23)	L5 AR-1248-3	4.960	4.021	8331998	4328785	47.964	47.809
24)	L5 AR-1248-4	5.354	4.179	9060856	5376121	46.947	47.644
25)	L5 AR-1248-5	5.389	4.554	7602806	5237938	42.253	46.754

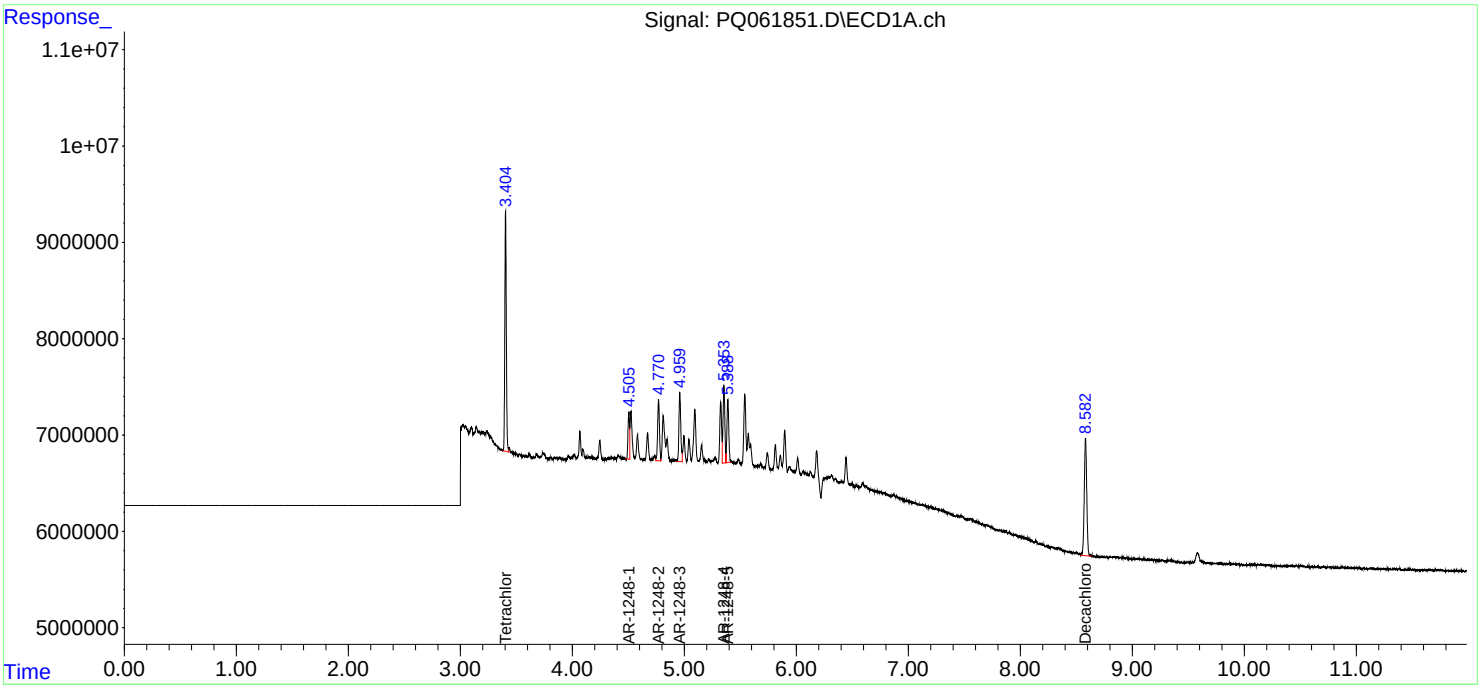
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

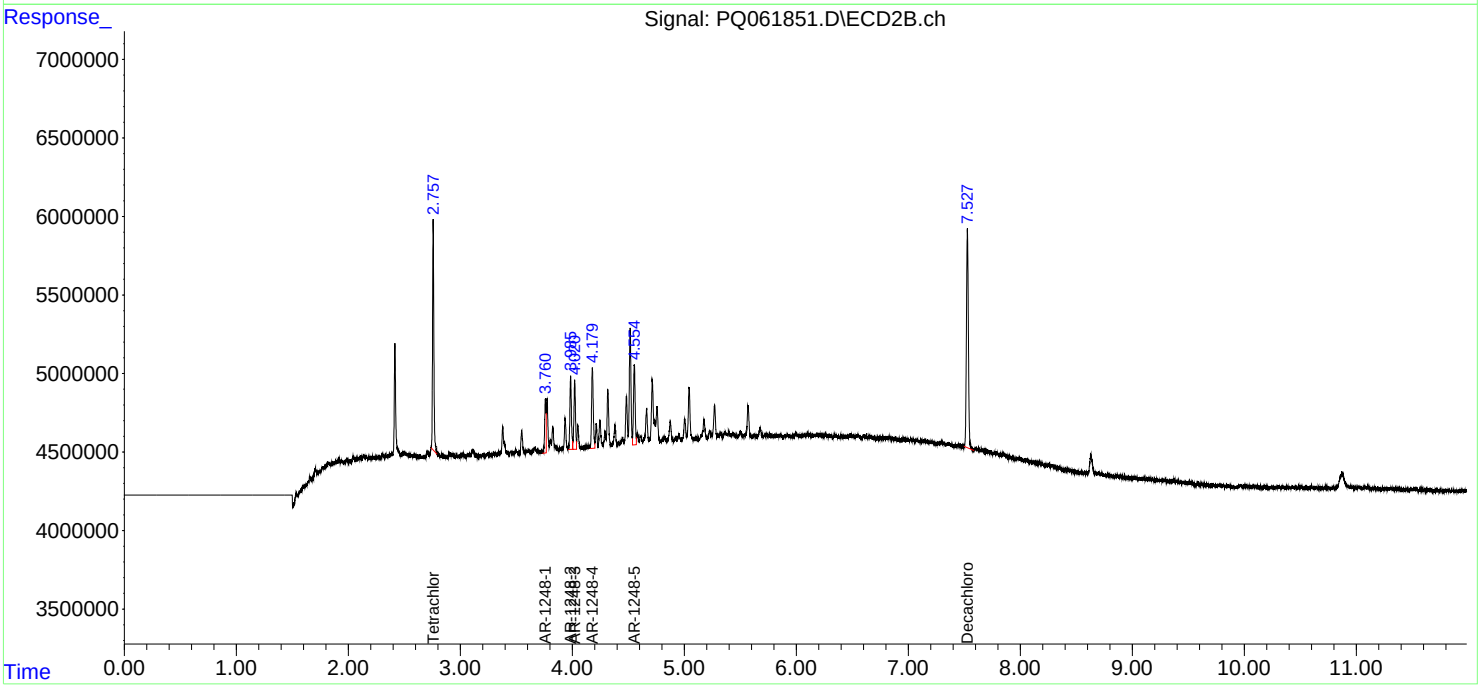
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061851.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 06:58
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 52 Sample Multiplier: 1

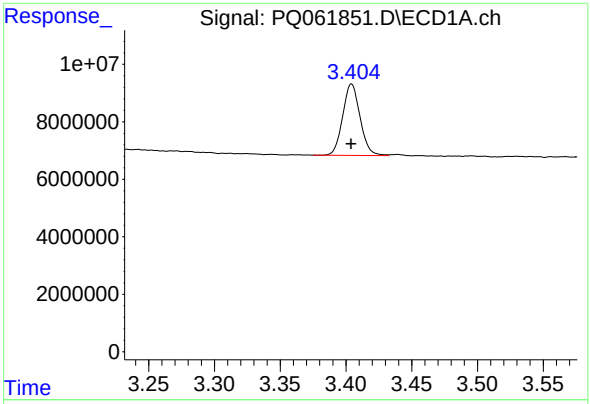
Instrument :
ECD_Q
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 08:31:48 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 08:31:40 2023
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



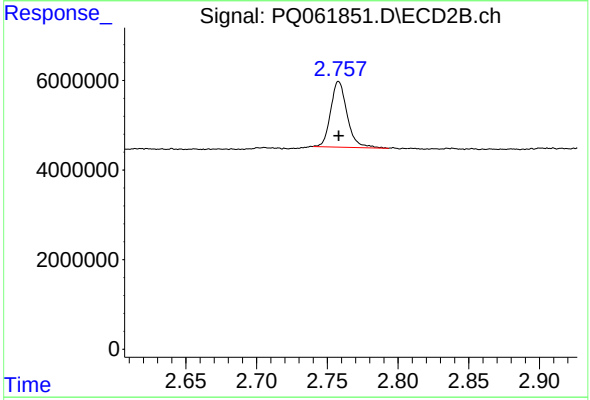




#1 Tetrachloro-m-xylene

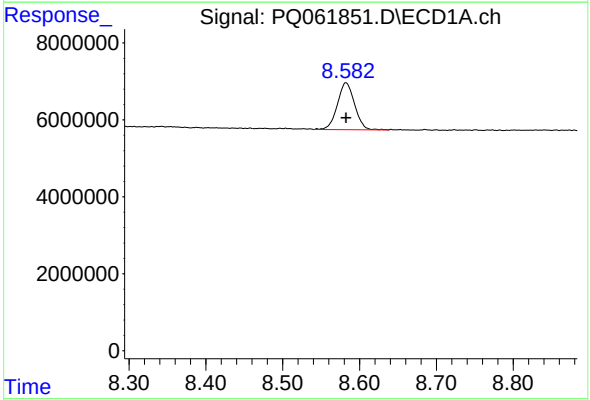
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 22917595
Conc: 4.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC050



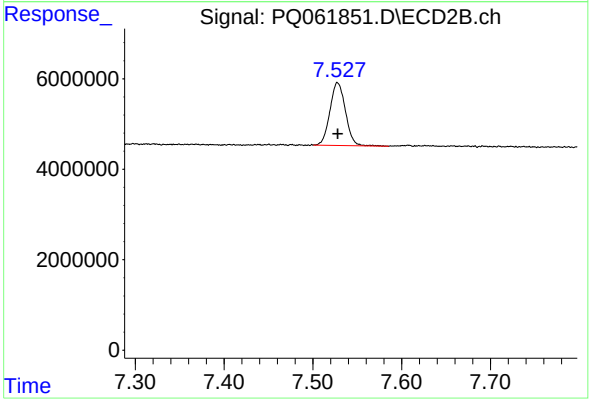
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 11887071
Conc: 4.44 ng/ml



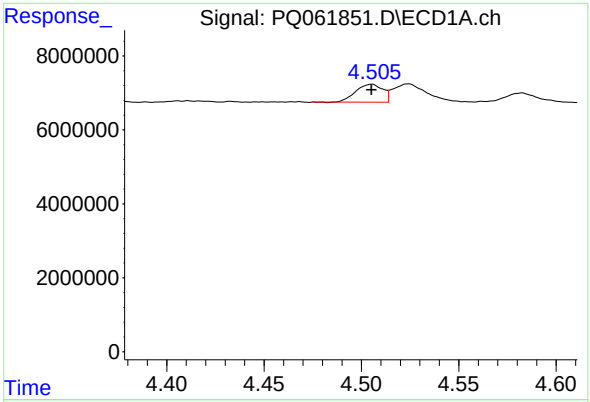
#2 Decachlorobiphenyl

R.T.: 8.582 min
Delta R.T.: 0.000 min
Response: 18849733
Conc: 4.90 ng/ml



#2 Decachlorobiphenyl

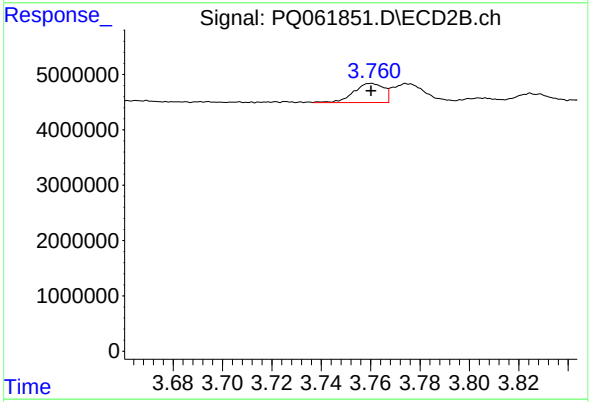
R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 16792827
Conc: 4.84 ng/ml



#21 AR-1248-1

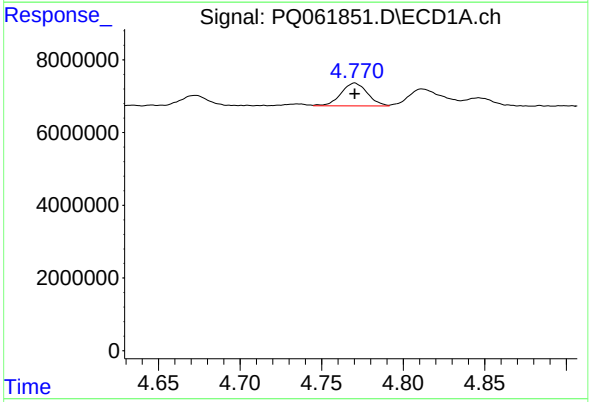
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 4690312
Conc: 45.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC050



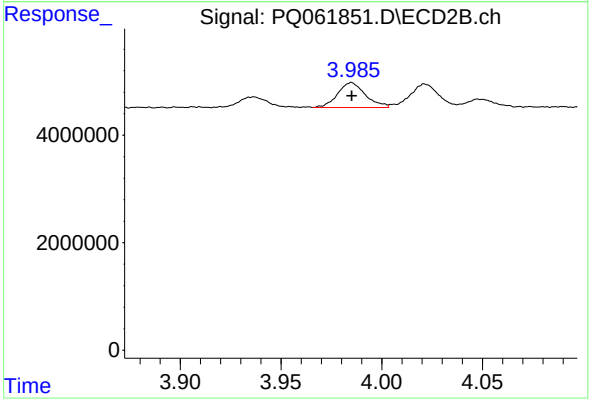
#21 AR-1248-1

R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 2909259
Conc: 46.53 ng/ml



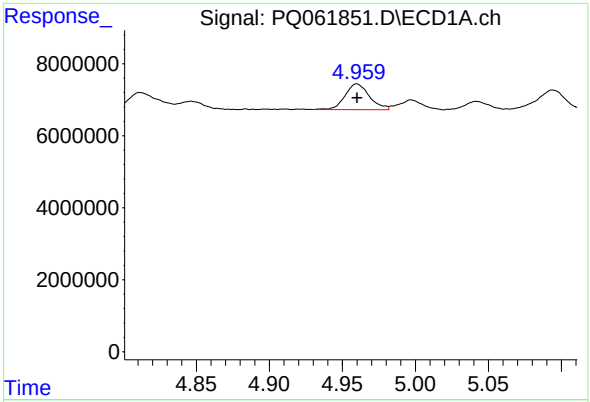
#22 AR-1248-2

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 7126898
Conc: 50.24 ng/ml



#22 AR-1248-2

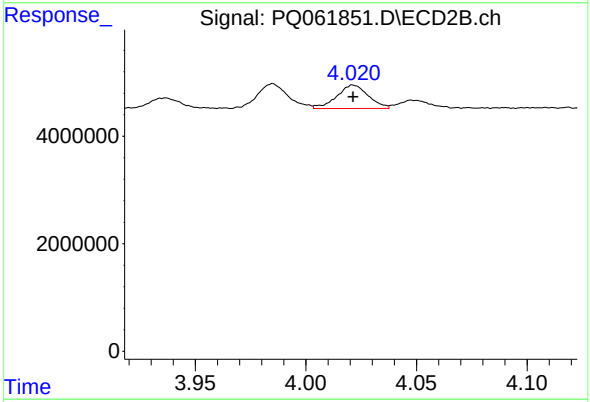
R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 4436154
Conc: 47.31 ng/ml



#23 AR-1248-3

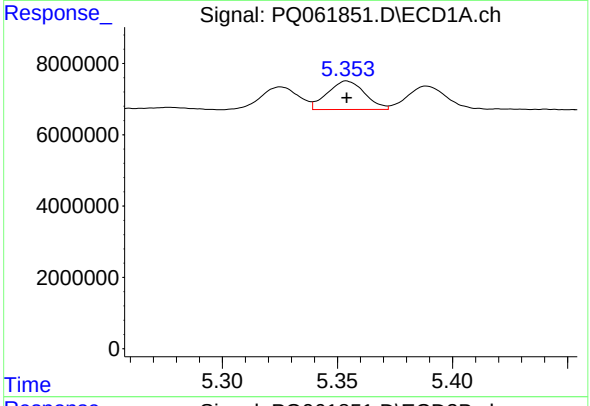
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 8331998
Conc: 47.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC050



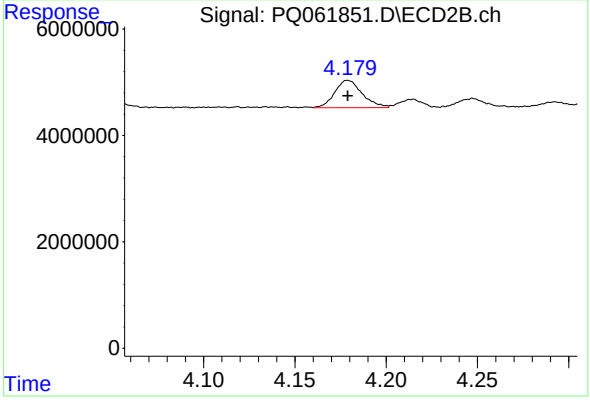
#23 AR-1248-3

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 4328785
Conc: 47.81 ng/ml



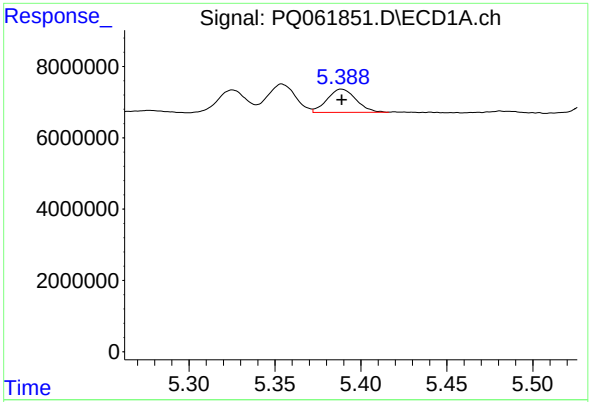
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 9060856
Conc: 46.95 ng/ml



#24 AR-1248-4

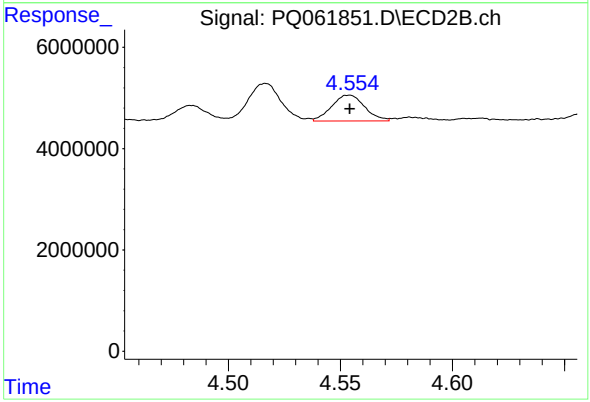
R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 5376121
Conc: 47.64 ng/ml



#25 AR-1248-5

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 7602806
Conc: 42.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC050



#25 AR-1248-5

R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 5237938
Conc: 46.75 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061852.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 07:12
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 12:52:28 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 12:52:21 2023
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...	3.404	2.759	492.1E6	256.8E6	97.581	96.843
2)	SA Decachlor...	8.583	7.528	351.3E6	322.4E6	95.781	96.538
	Target Compounds						
26)	L6 AR-1254-1	5.327	4.516	174.9E6	151.4E6	961.375	955.891
27)	L6 AR-1254-2	5.544	4.662	272.9E6	137.8E6	960.732	950.991
28)	L6 AR-1254-3	5.897	5.044	291.9E6	223.1E6	964.172	967.015
29)	L6 AR-1254-4	6.182	5.270	218.6E6	144.9E6	965.211	967.146
30)	L6 AR-1254-5	6.595	5.675	246.0E6	222.1E6	966.569	968.066

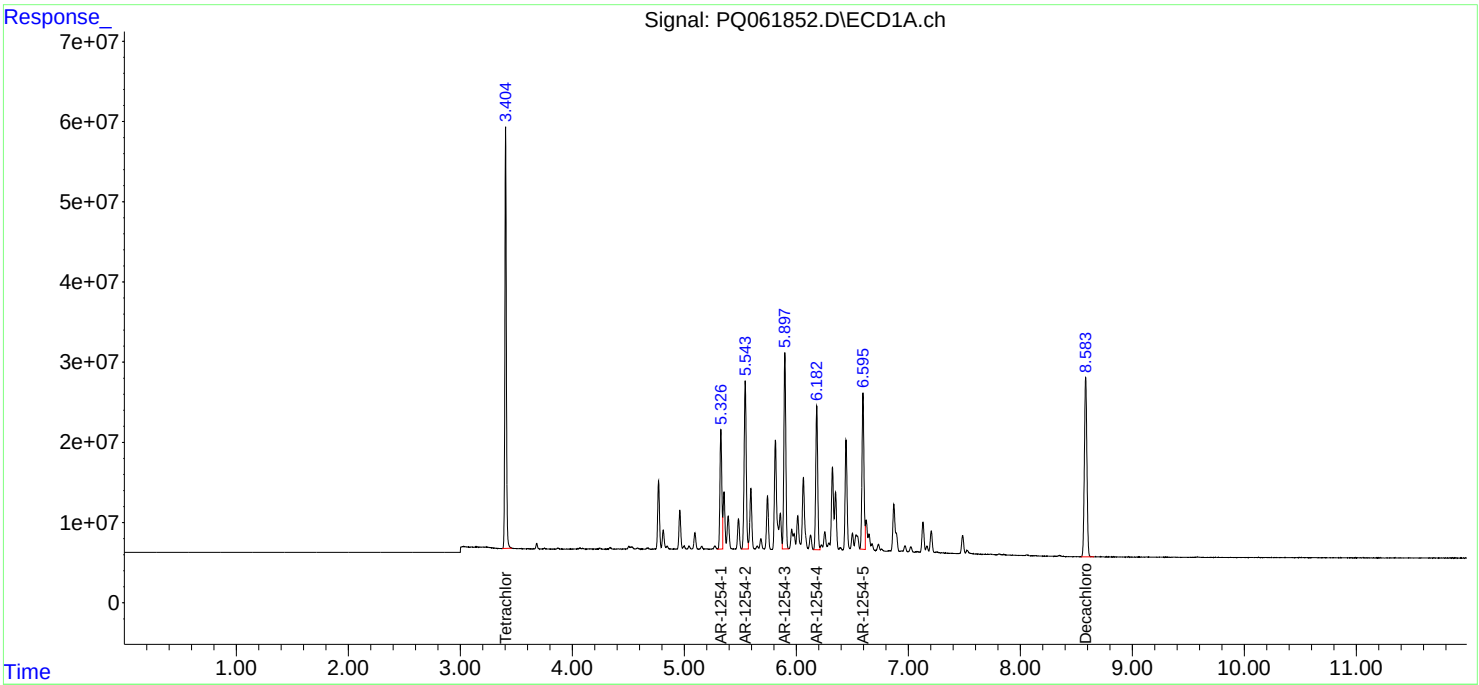
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

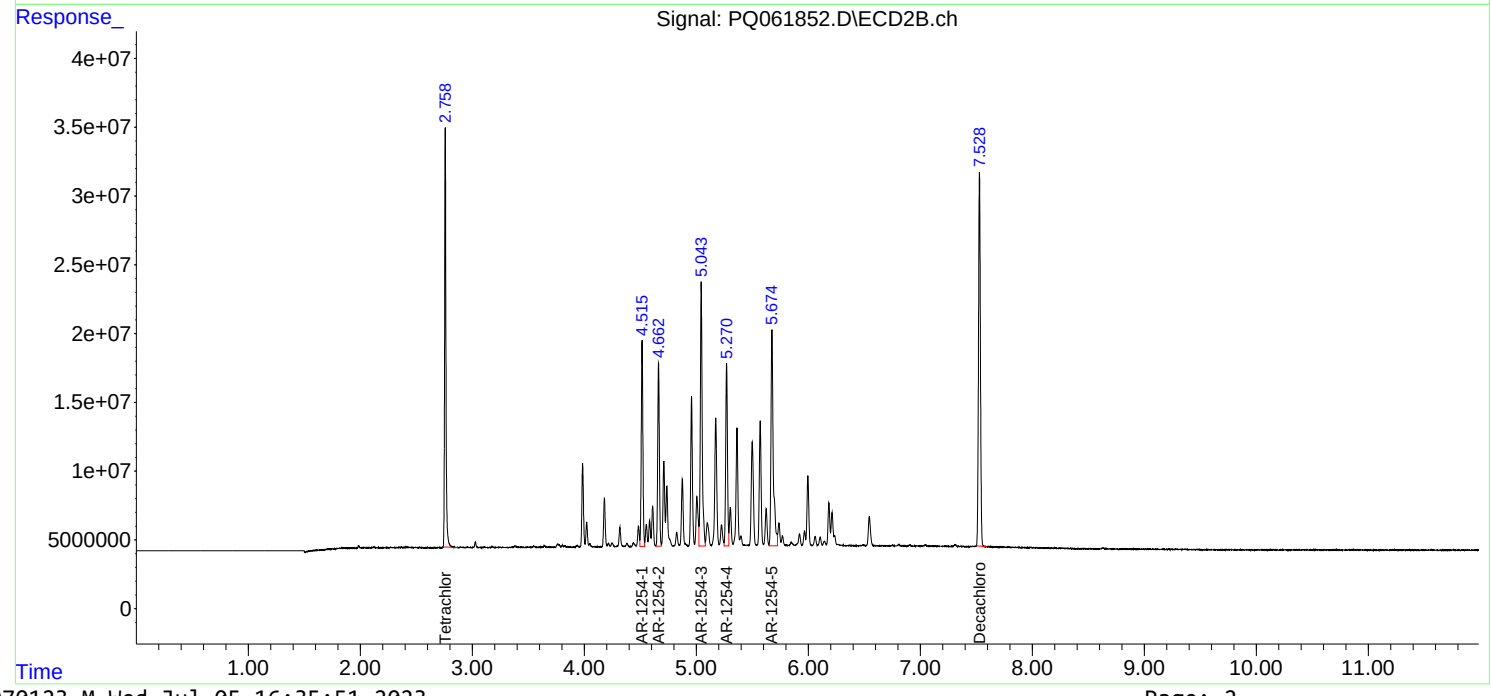
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061852.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 07:12
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 53 Sample Multiplier: 1

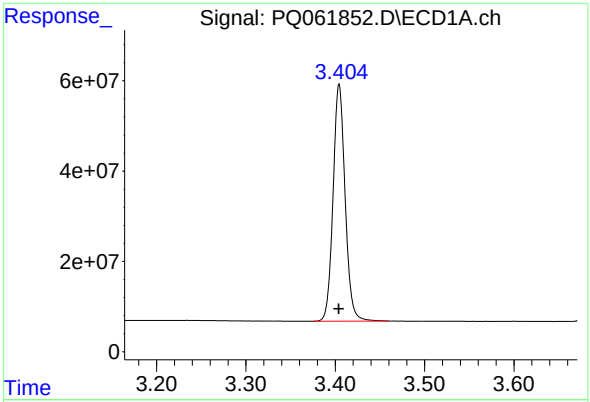
Instrument :
ECD_Q
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 12:52:28 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 12:52:21 2023
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



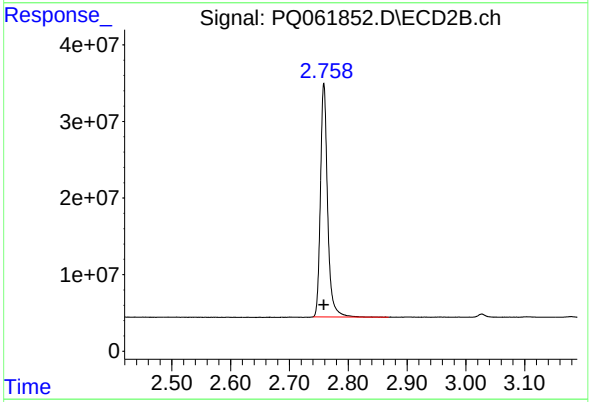




#1 Tetrachloro-m-xylene

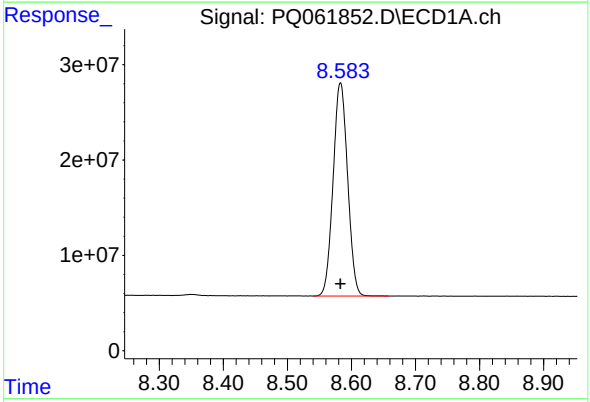
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 492136204
Conc: 97.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC1000



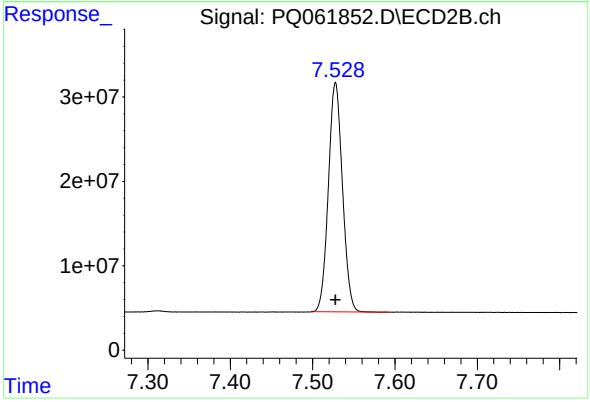
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 256807396
Conc: 96.84 ng/ml



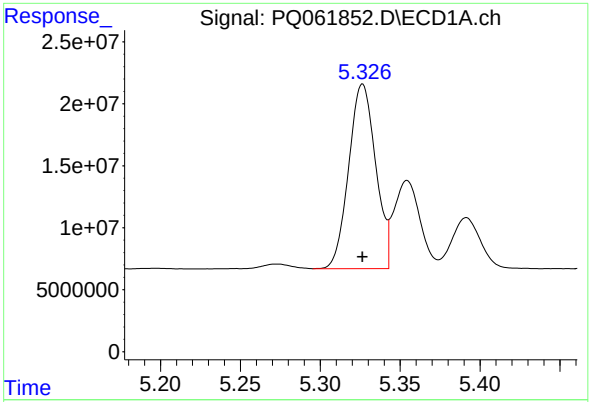
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 351330623
Conc: 95.78 ng/ml



#2 Decachlorobiphenyl

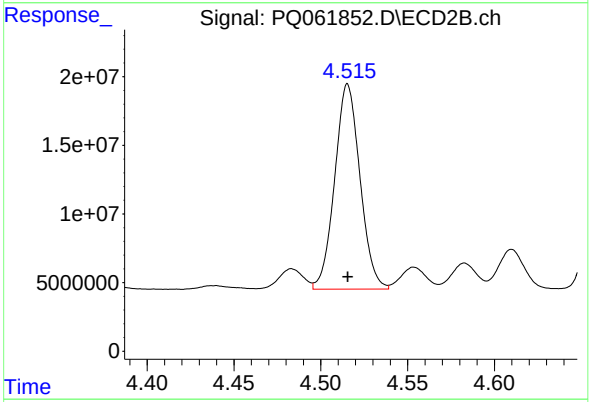
R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 322443740
Conc: 96.54 ng/ml



#26 AR-1254-1

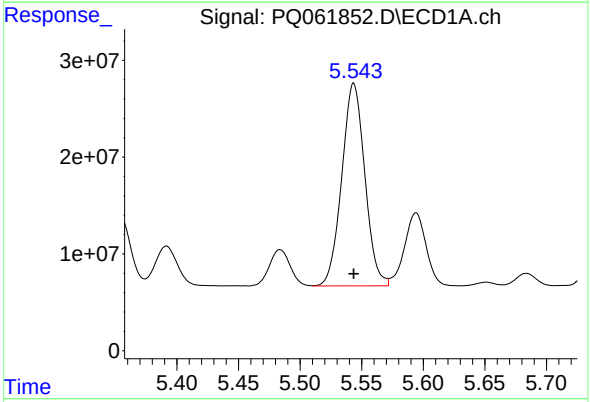
R.T.: 5.327 min
Delta R.T.: 0.000 min
Response: 174947235
Conc: 961.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC1000



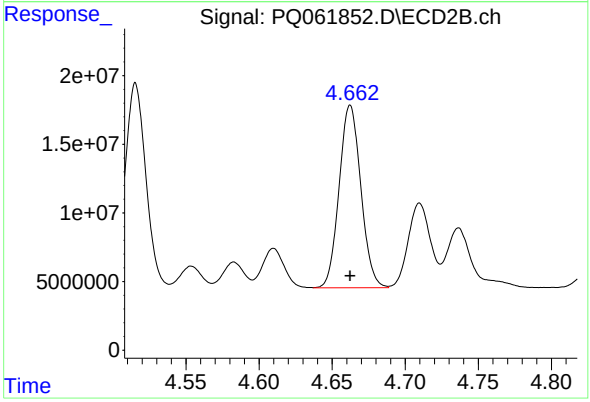
#26 AR-1254-1

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 151435820
Conc: 955.89 ng/ml



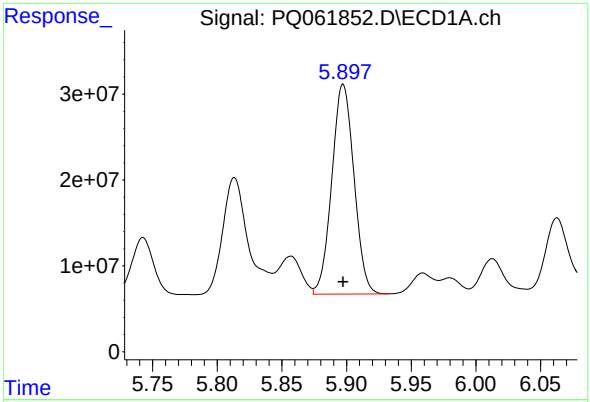
#27 AR-1254-2

R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 272892699
Conc: 960.73 ng/ml



#27 AR-1254-2

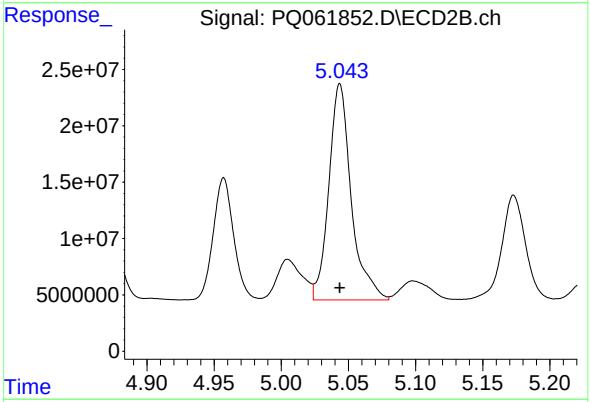
R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 137765424
Conc: 950.99 ng/ml



#28 AR-1254-3

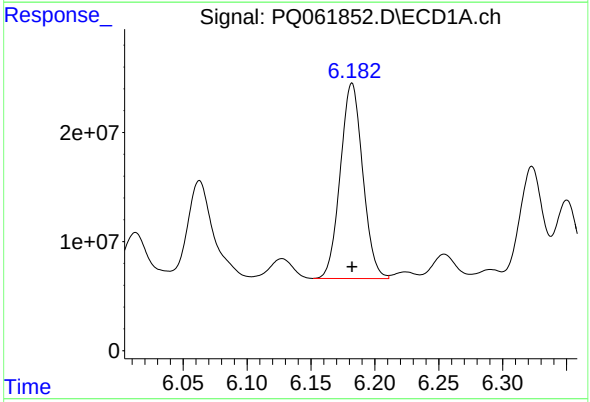
R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 291946447
Conc: 964.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC1000



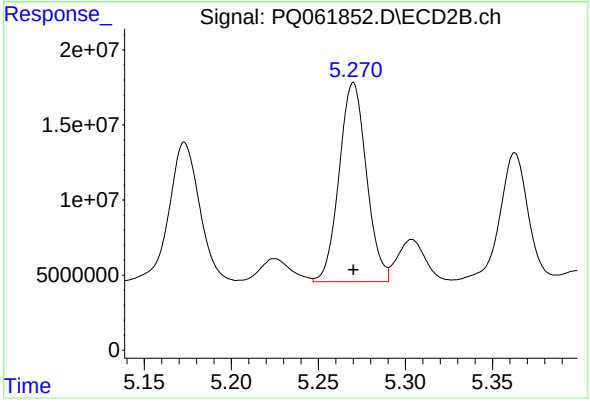
#28 AR-1254-3

R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 223111474
Conc: 967.02 ng/ml



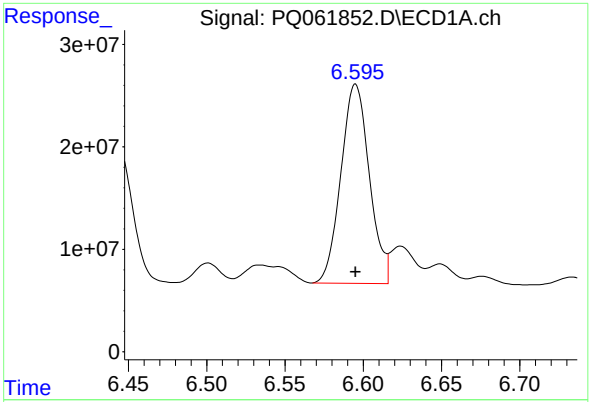
#29 AR-1254-4

R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 218598125
Conc: 965.21 ng/ml



#29 AR-1254-4

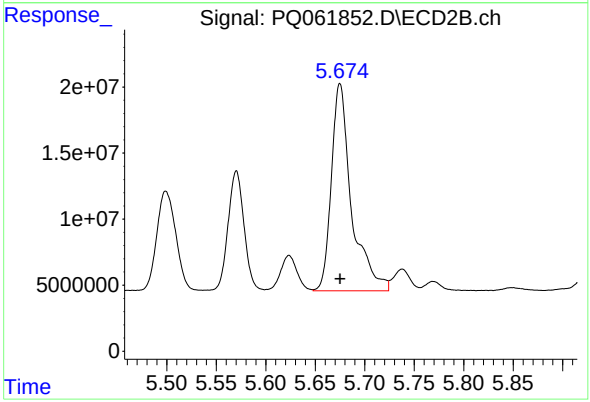
R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 144872408
Conc: 967.15 ng/ml



#30 AR-1254-5

R.T.: 6.595 min
Delta R.T.: 0.000 min
Response: 246047511
Conc: 966.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC1000



#30 AR-1254-5

R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 222142384
Conc: 968.07 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061853.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 07:27
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 13:56:57 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 13:56:48 2023
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...	3.404	2.758	379.5E6	200.4E6	75.163	75.372
2)	SA Decachlor...	8.583	7.528	275.1E6	251.1E6	75.001	75.125
	Target Compounds						
26)	L6 AR-1254-1	5.327	4.516	136.7E6	119.4E6	750.673	752.316
27)	L6 AR-1254-2	5.544	4.662	213.0E6	108.2E6	750.004	748.133
28)	L6 AR-1254-3	5.897	5.043	226.9E6	173.1E6	749.646	750.218
29)	L6 AR-1254-4	6.182	5.270	170.1E6	112.7E6	750.720	751.624
30)	L6 AR-1254-5	6.595	5.676	191.9E6	172.0E6	752.628	749.674

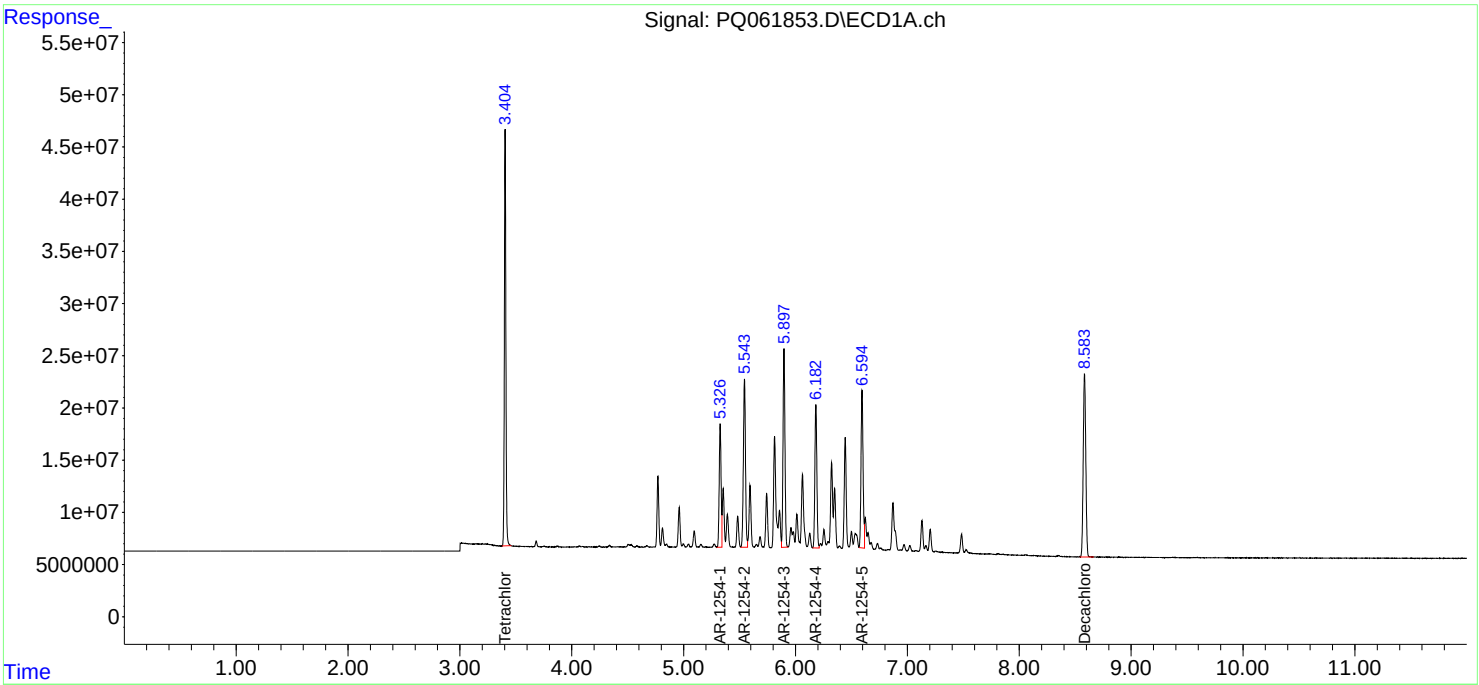
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

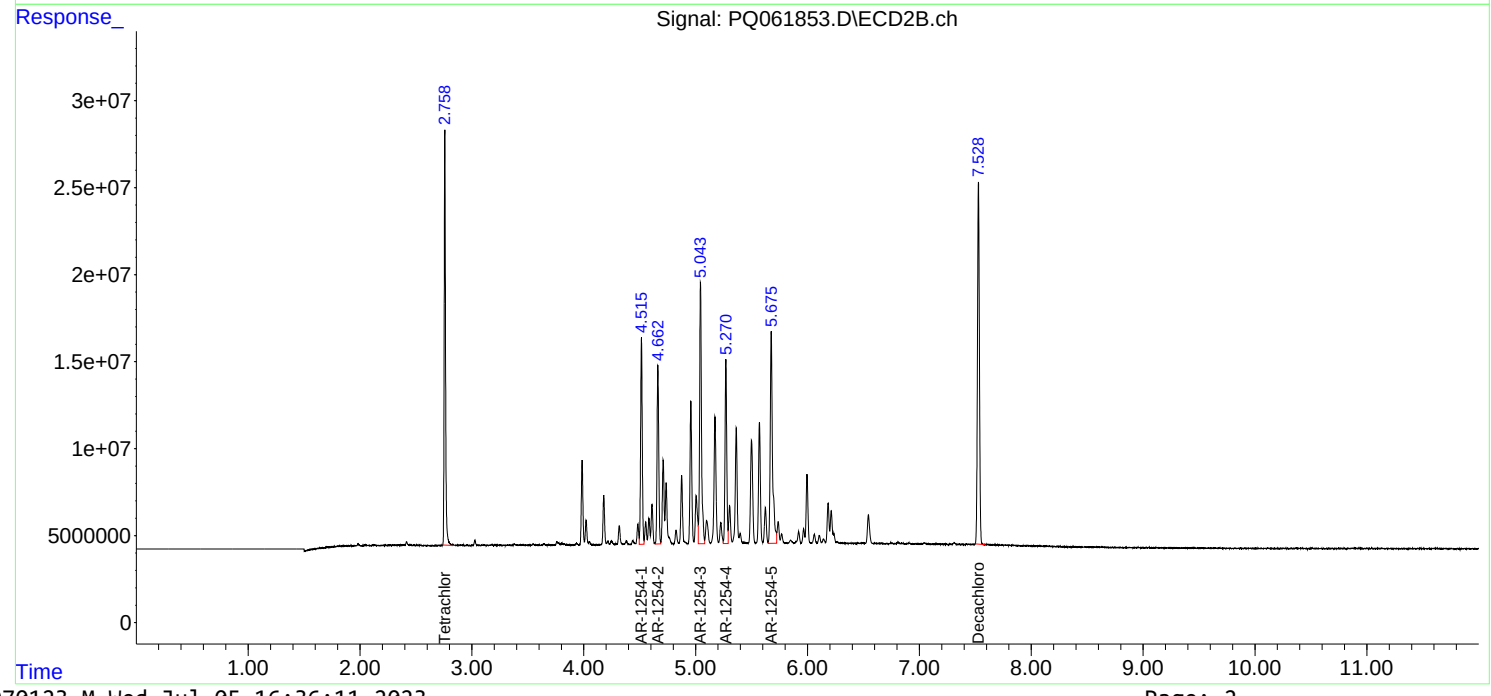
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061853.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 07:27
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 54 Sample Multiplier: 1

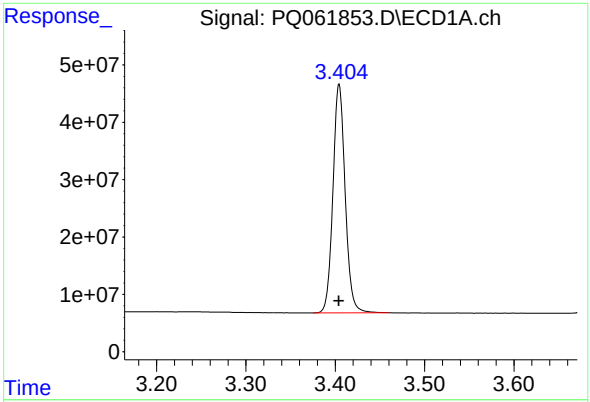
Instrument :
ECD_Q
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 13:56:57 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 13:56:48 2023
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



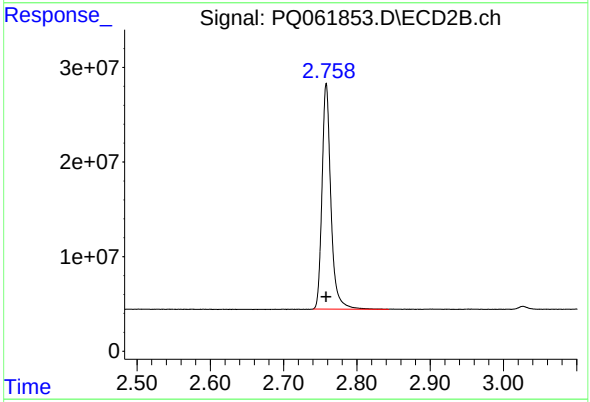




#1 Tetrachloro-m-xylene

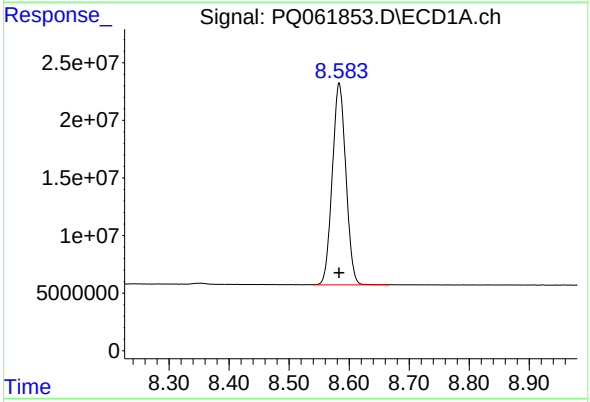
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 379483153
Conc: 75.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC750



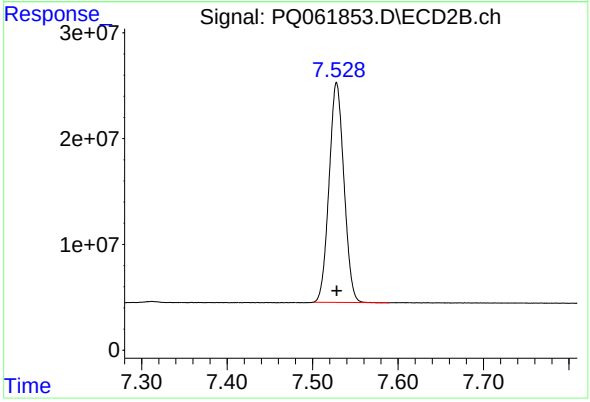
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 200367854
Conc: 75.37 ng/ml



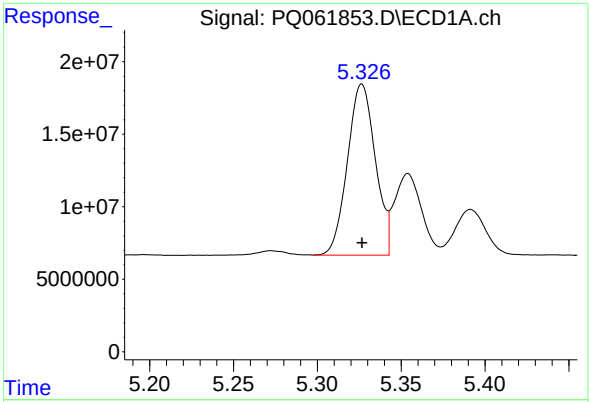
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 275112608
Conc: 75.00 ng/ml



#2 Decachlorobiphenyl

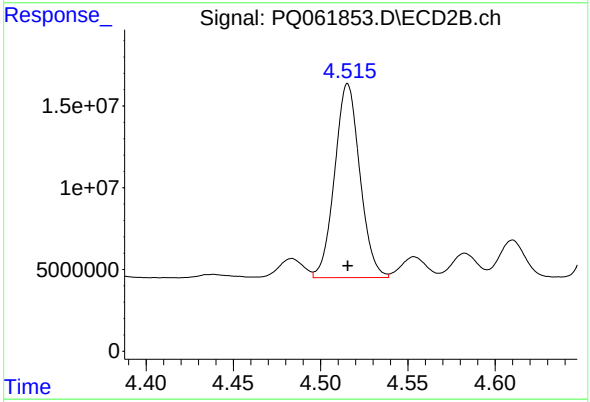
R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 251133217
Conc: 75.13 ng/ml



#26 AR-1254-1

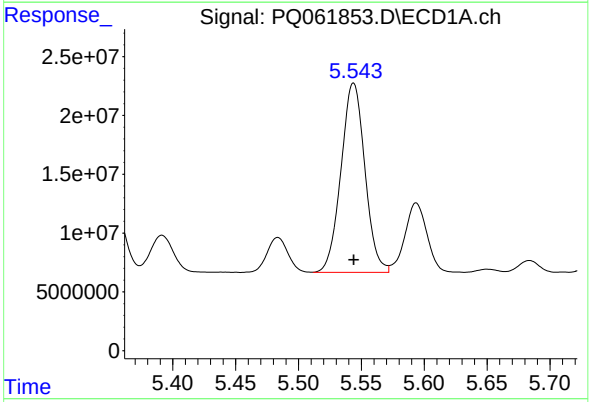
R.T.: 5.327 min
Delta R.T.: 0.000 min
Response: 136665864
Conc: 750.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC750



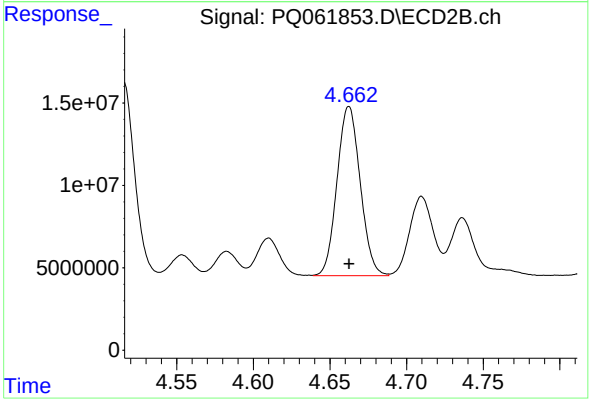
#26 AR-1254-1

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 119368911
Conc: 752.32 ng/ml



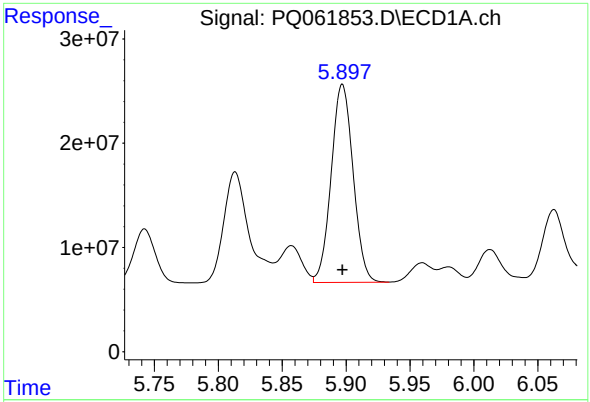
#27 AR-1254-2

R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 213036695
Conc: 750.00 ng/ml



#27 AR-1254-2

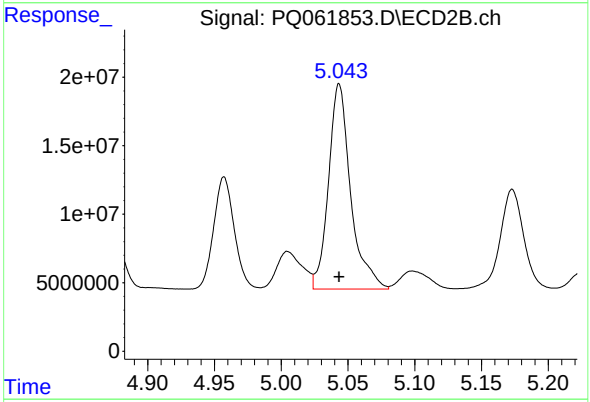
R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 108243537
Conc: 748.13 ng/ml



#28 AR-1254-3

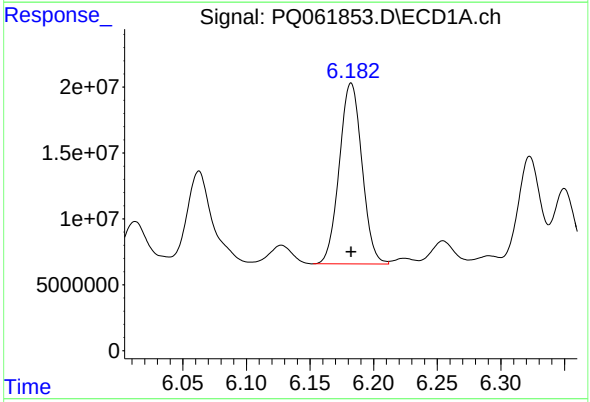
R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 226935347
Conc: 749.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC750



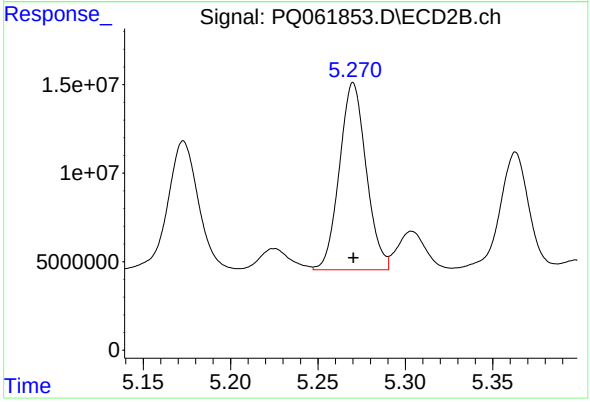
#28 AR-1254-3

R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 173116856
Conc: 750.22 ng/ml



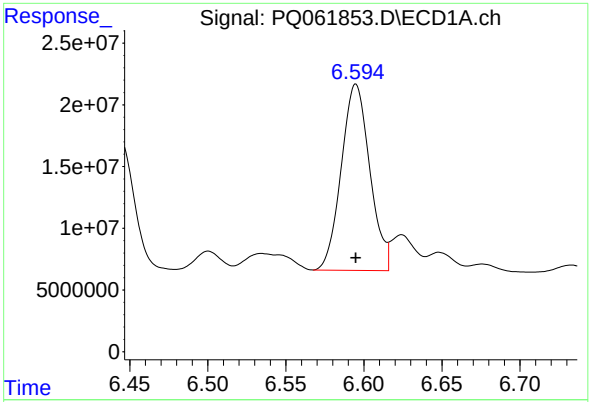
#29 AR-1254-4

R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 170102330
Conc: 750.72 ng/ml



#29 AR-1254-4

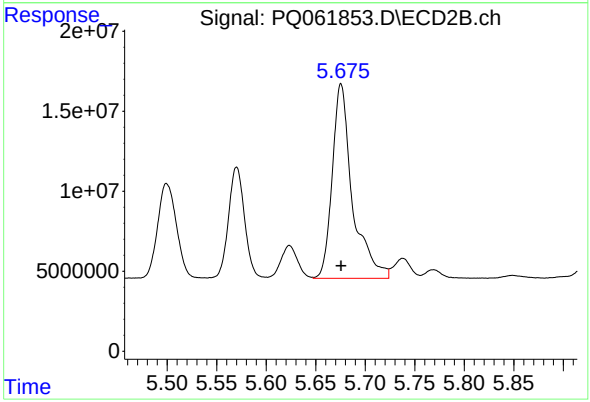
R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 112710695
Conc: 751.62 ng/ml



#30 AR-1254-5

R.T.: 6.595 min
Delta R.T.: 0.000 min
Response: 191923354
Conc: 752.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC750



#30 AR-1254-5

R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 171990410
Conc: 749.67 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061854.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 07:42
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 12:49:14 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 12:39:51 2023
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...	3.404	2.759	258.3E6	136.8E6	50.000	50.000
2)	SA Decachlor...	8.583	7.528	191.1E6	172.8E6	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	5.327	4.515	94502411	82705755	500.000	500.000
27)	L6 AR-1254-2	5.543	4.662	147.6E6	75982374	500.000	500.000
28)	L6 AR-1254-3	5.897	5.043	156.8E6	119.2E6	500.000	500.000
29)	L6 AR-1254-4	6.182	5.270	117.2E6	77357546	500.000	500.000
30)	L6 AR-1254-5	6.594	5.675	131.5E6	118.4E6	500.000	500.000

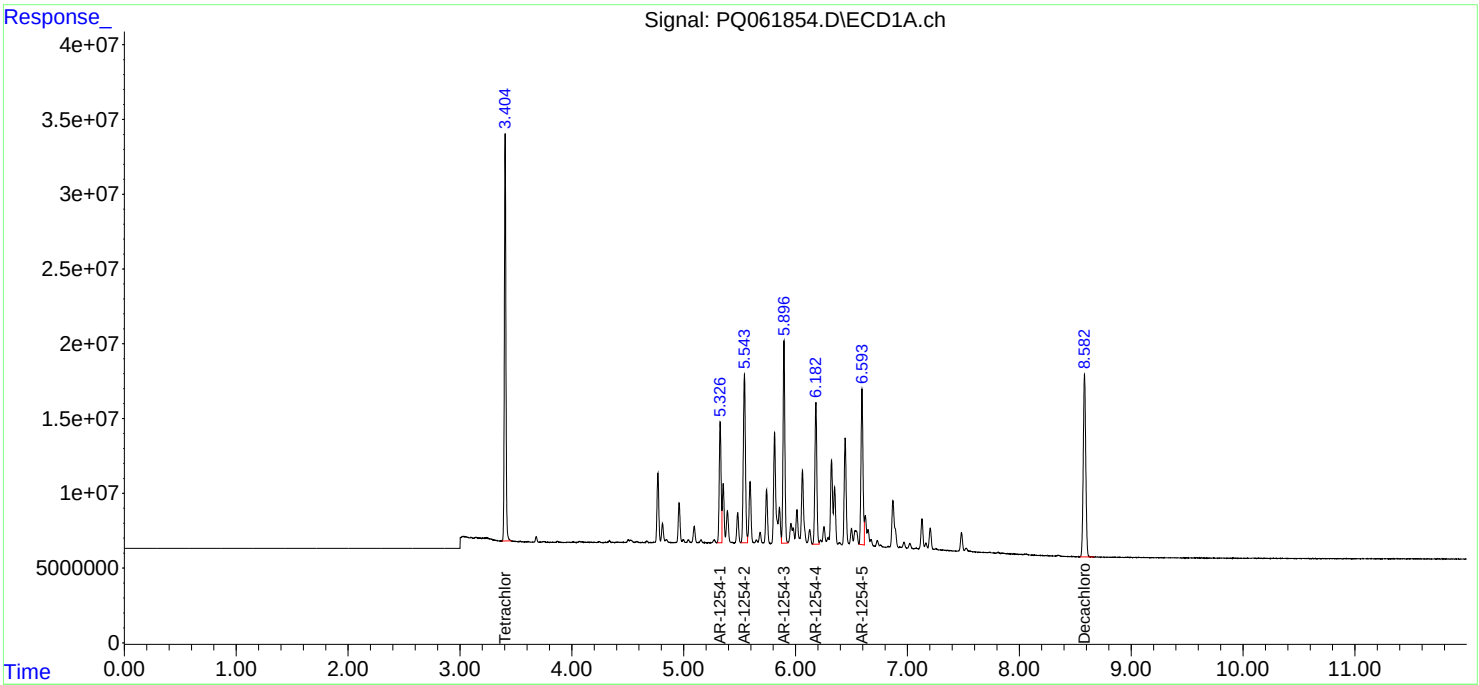
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

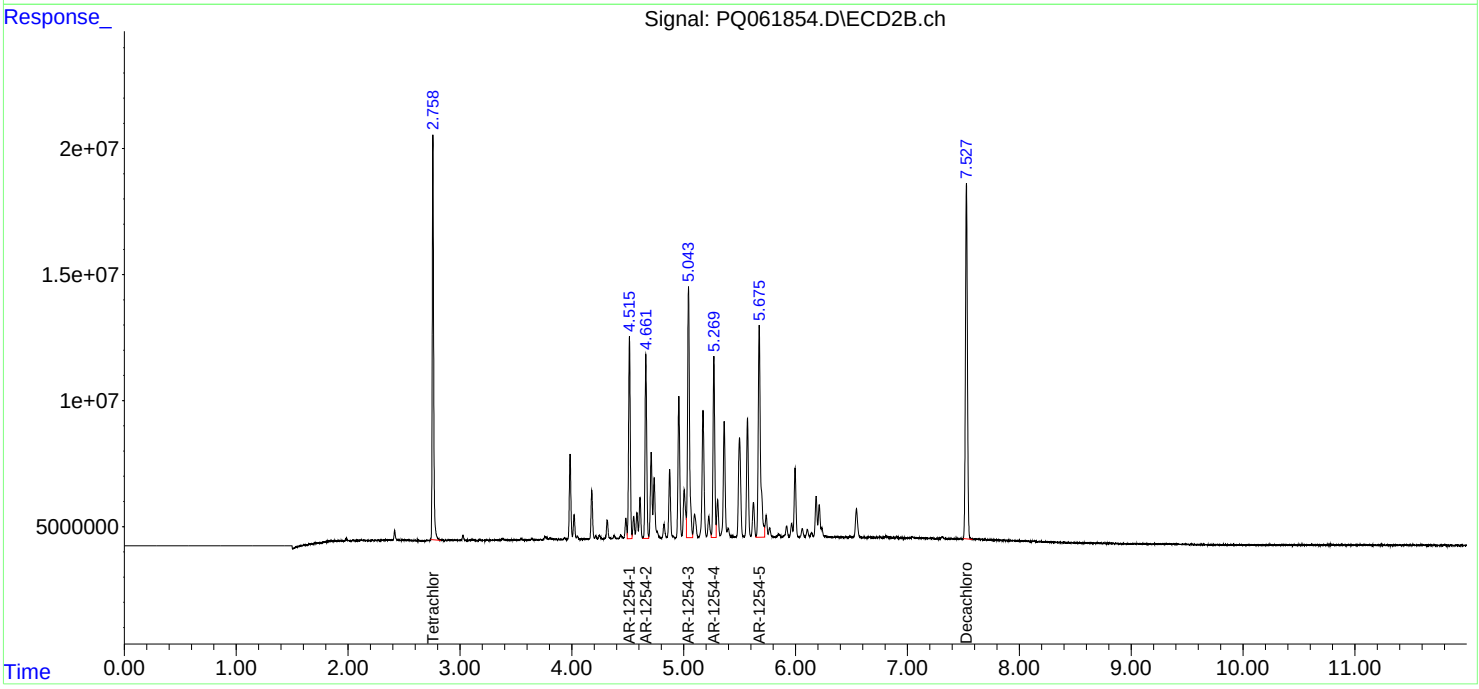
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061854.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 07:42
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 55 Sample Multiplier: 1

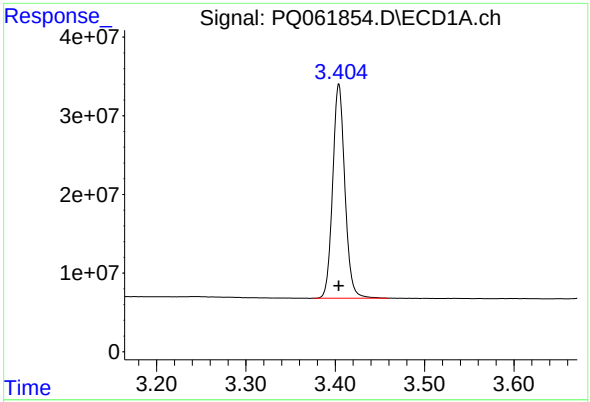
Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 12:49:14 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 12:39:51 2023
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



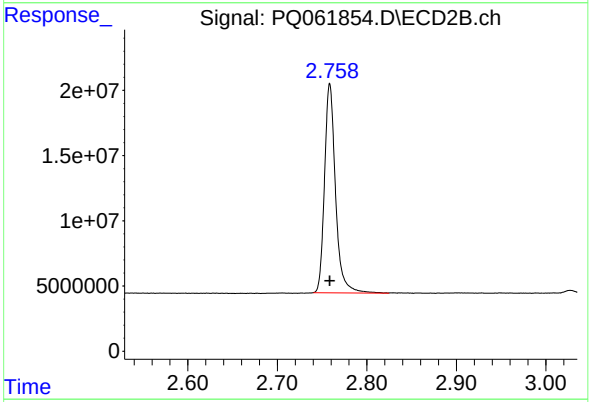




#1 Tetrachloro-m-xylene

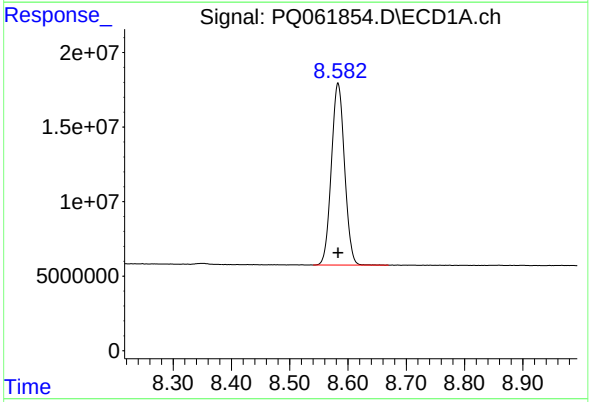
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 258265816
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500



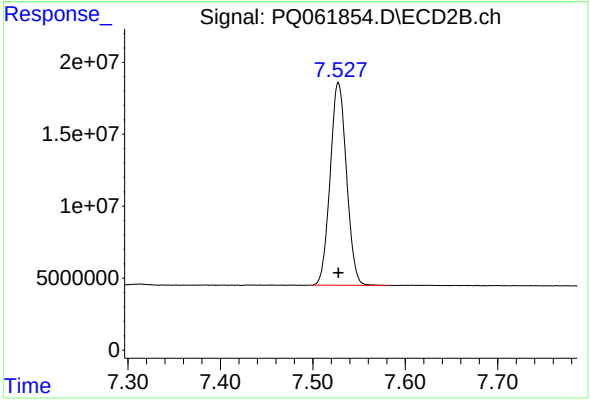
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 136774162
Conc: 50.00 ng/ml



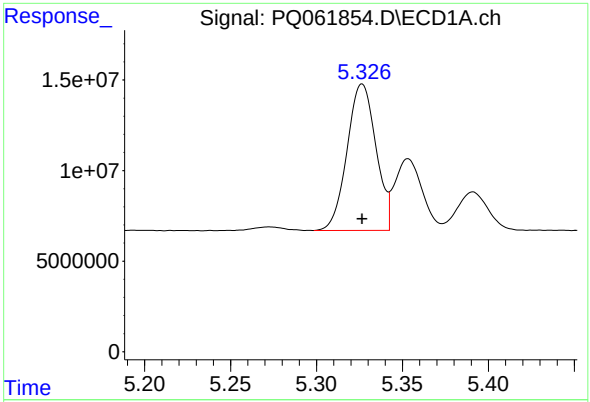
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 191141172
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

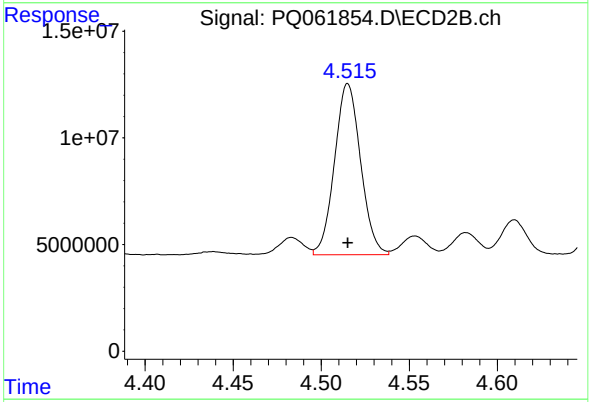
R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 172784773
Conc: 50.00 ng/ml



#26 AR-1254-1

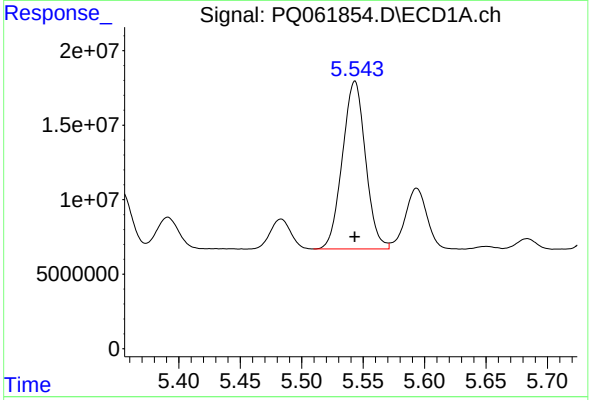
R.T.: 5.327 min
Delta R.T.: 0.000 min
Response: 94502411
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500



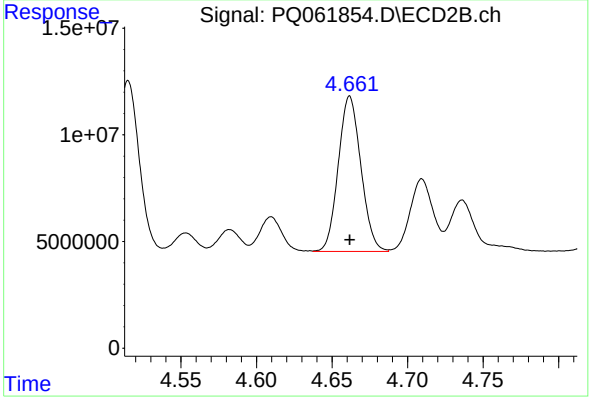
#26 AR-1254-1

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 82705755
Conc: 500.00 ng/ml



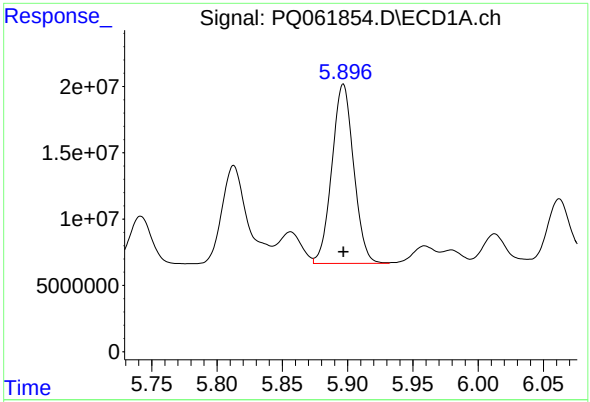
#27 AR-1254-2

R.T.: 5.543 min
Delta R.T.: 0.000 min
Response: 147600392
Conc: 500.00 ng/ml



#27 AR-1254-2

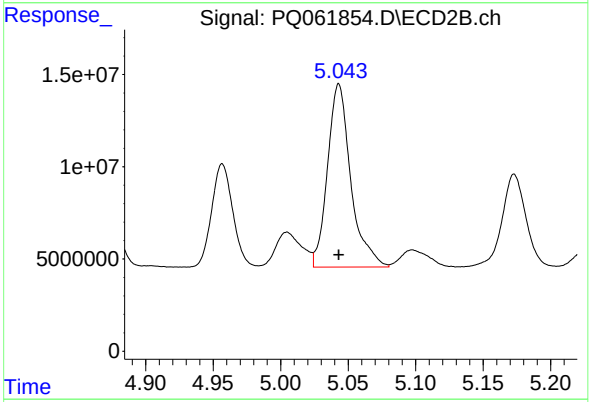
R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 75982374
Conc: 500.00 ng/ml



#28 AR-1254-3

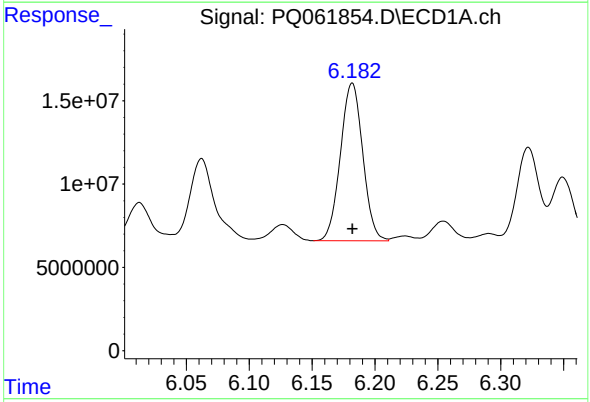
R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 156821743
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500



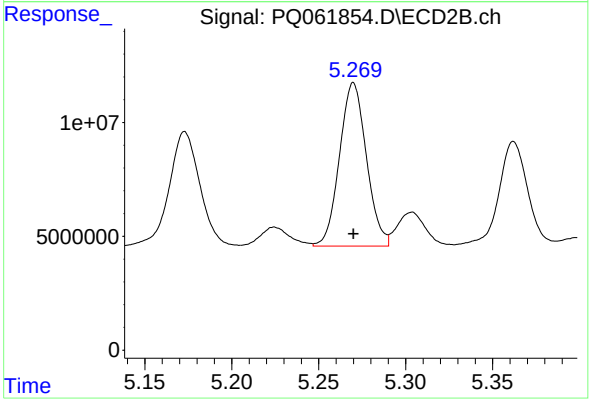
#28 AR-1254-3

R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 119166042
Conc: 500.00 ng/ml



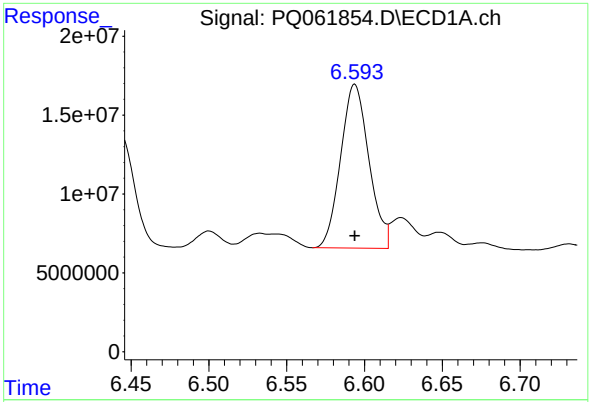
#29 AR-1254-4

R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 117177868
Conc: 500.00 ng/ml



#29 AR-1254-4

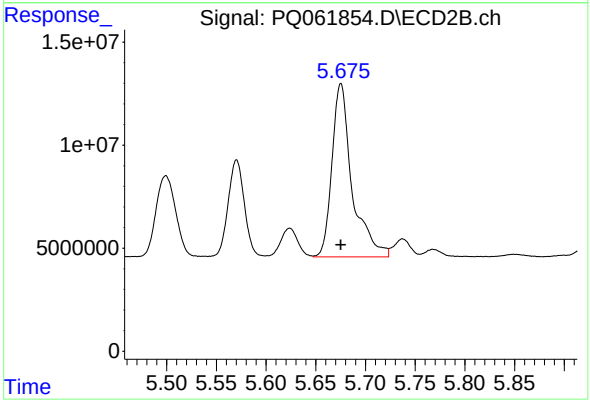
R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 77357546
Conc: 500.00 ng/ml



#30 AR-1254-5

R.T.: 6.594 min
Delta R.T.: 0.000 min
Response: 131533764
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500



#30 AR-1254-5

R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 118399140
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061855.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 07:56
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 14:01:28 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 14:01:17 2023
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...	3.404	2.759	133.0E6	69904731	25.997	25.960
2)	SA Decachlor...	8.583	7.528	100.9E6	90881715	26.831	26.605
	Target Compounds						
26)	L6 AR-1254-1	5.327	4.515	50265182	43280715	269.073	266.700
27)	L6 AR-1254-2	5.544	4.662	78241895	39903255	268.616	268.859
28)	L6 AR-1254-3	5.897	5.043	82466099	62202393	266.442	264.389
29)	L6 AR-1254-4	6.182	5.270	61550386	40641548	265.888	265.443
30)	L6 AR-1254-5	6.595	5.675	68727462	61480681	264.356	263.249

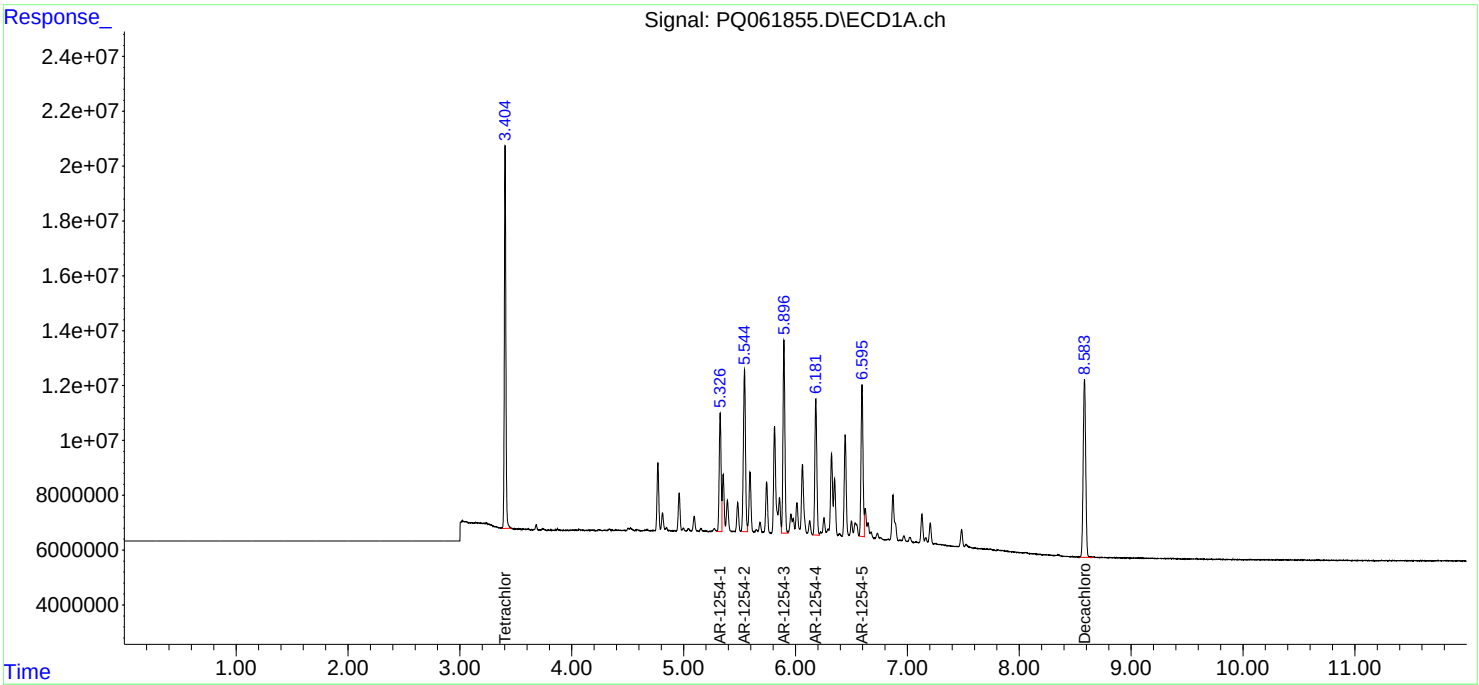
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

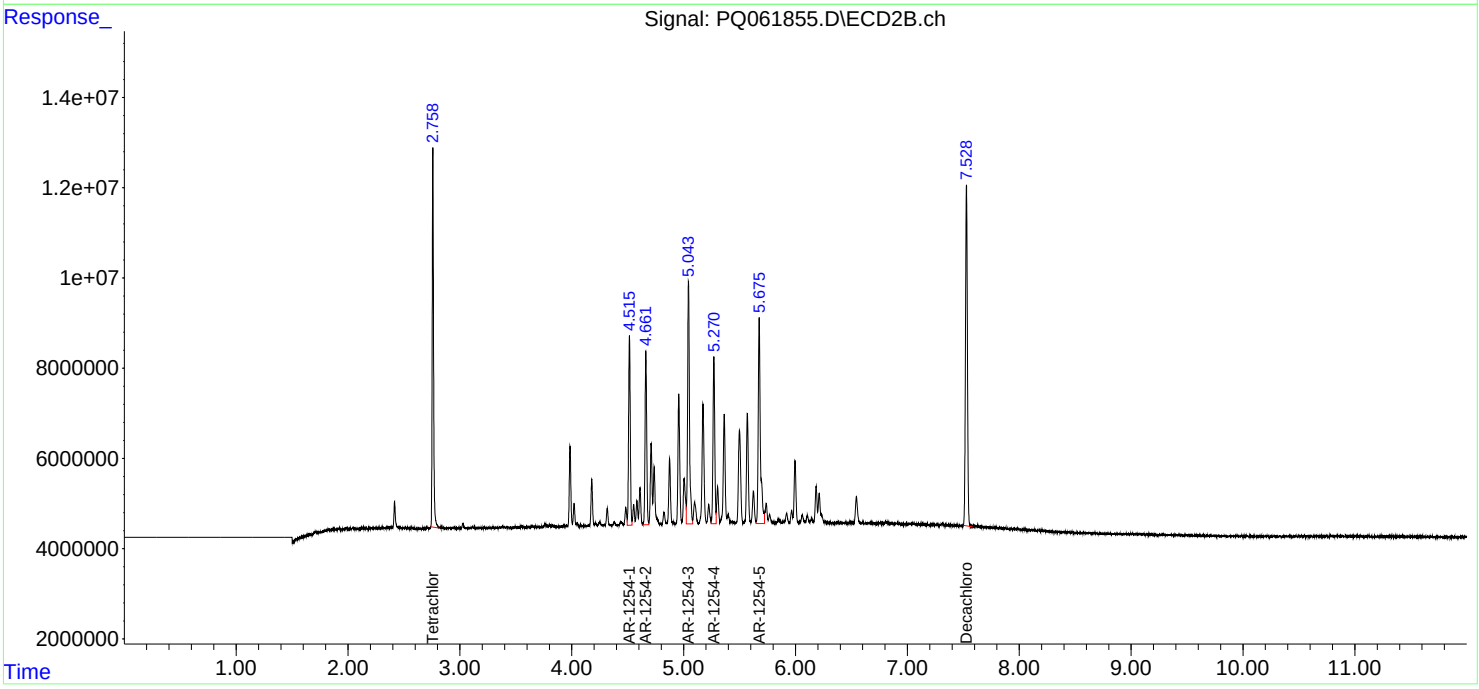
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061855.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 07:56
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 56 Sample Multiplier: 1

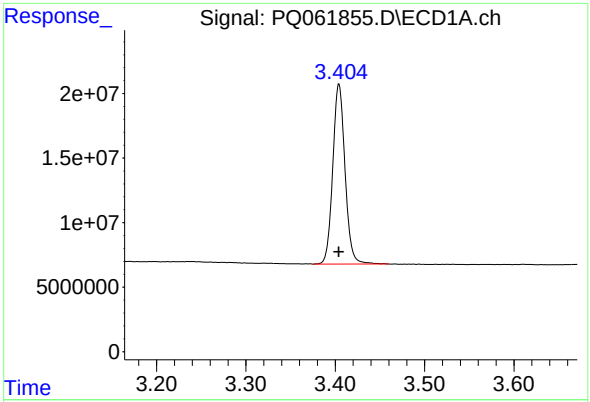
Instrument :
ECD_Q
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 14:01:28 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 14:01:17 2023
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



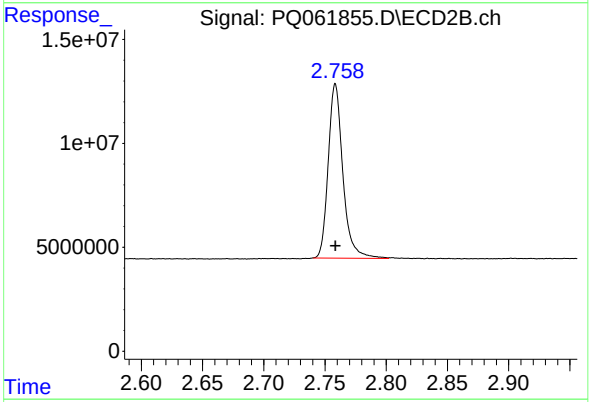




#1 Tetrachloro-m-xylene

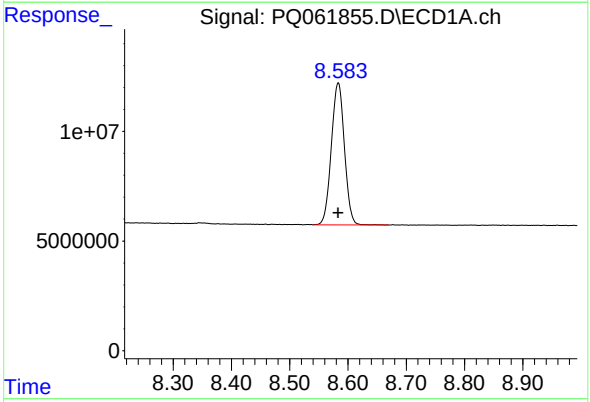
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 133019337
Conc: 26.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC250



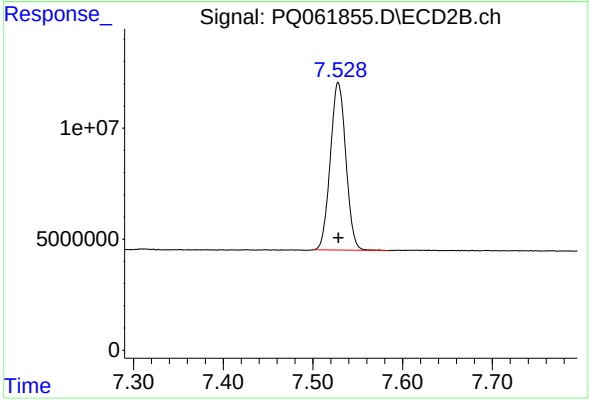
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 69904731
Conc: 25.96 ng/ml



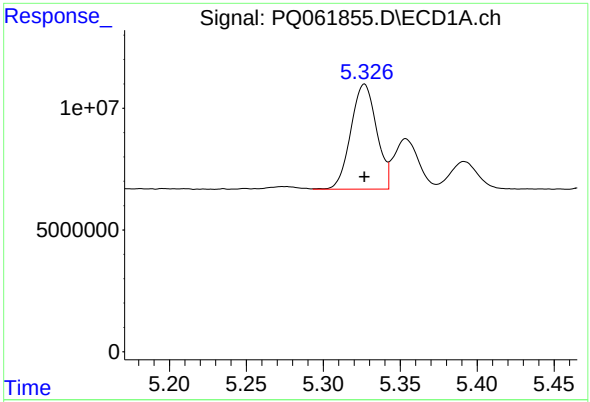
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 100883461
Conc: 26.83 ng/ml



#2 Decachlorobiphenyl

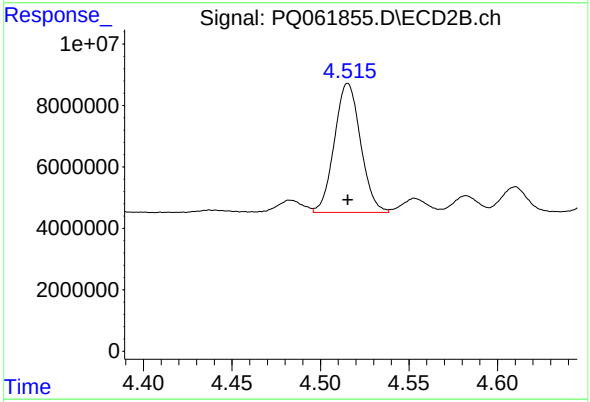
R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 90881715
Conc: 26.61 ng/ml



#26 AR-1254-1

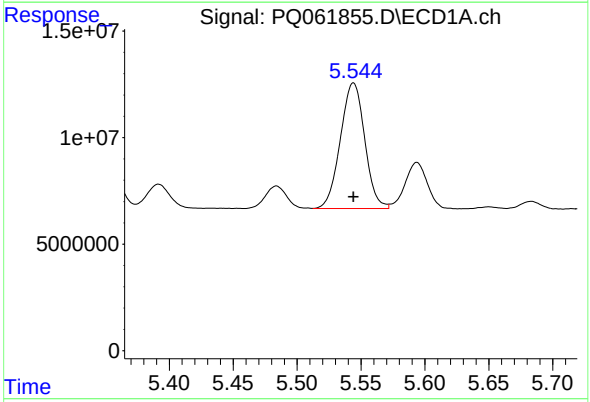
R.T.: 5.327 min
Delta R.T.: 0.000 min
Response: 50265182
Conc: 269.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC250



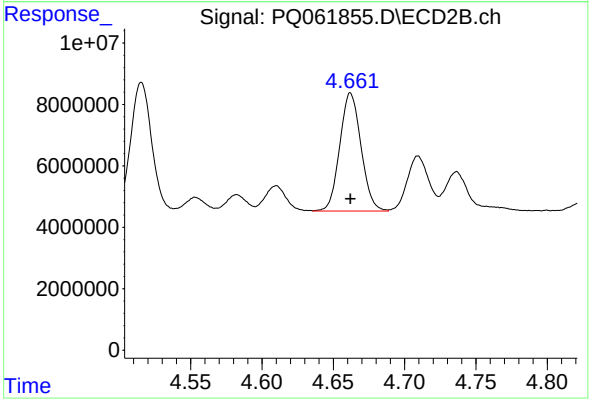
#26 AR-1254-1

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 43280715
Conc: 266.70 ng/ml



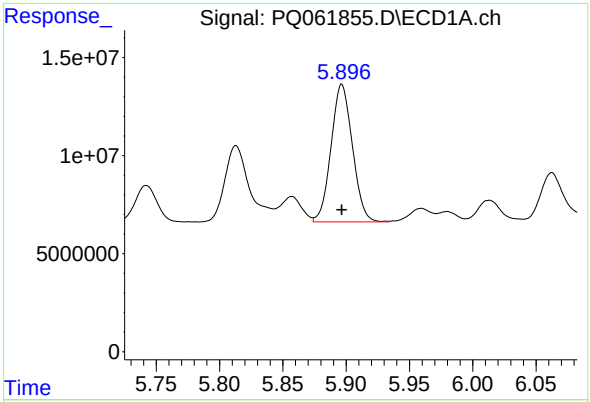
#27 AR-1254-2

R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 78241895
Conc: 268.62 ng/ml



#27 AR-1254-2

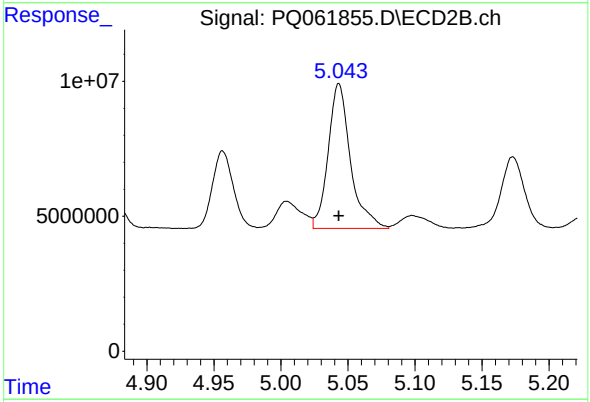
R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 39903255
Conc: 268.86 ng/ml



#28 AR-1254-3

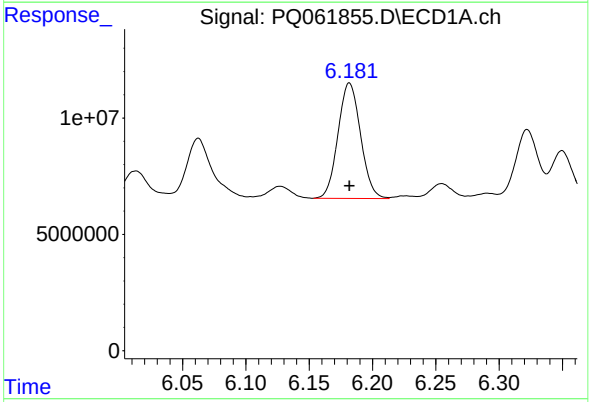
R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 82466099
Conc: 266.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC250



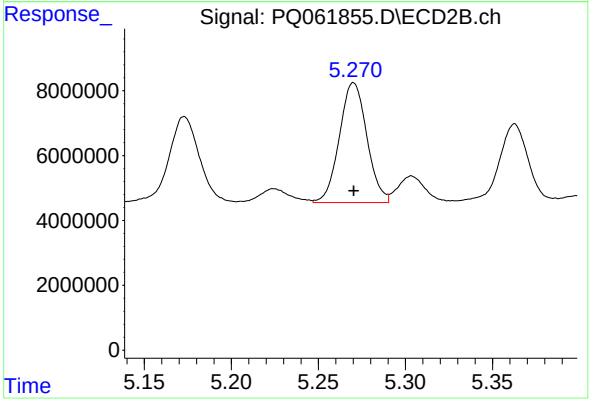
#28 AR-1254-3

R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 62202393
Conc: 264.39 ng/ml



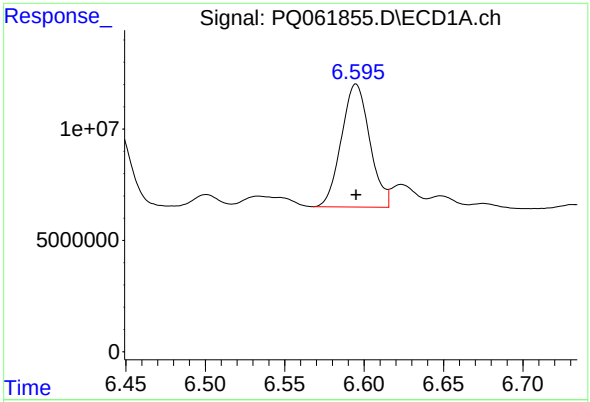
#29 AR-1254-4

R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 61550386
Conc: 265.89 ng/ml



#29 AR-1254-4

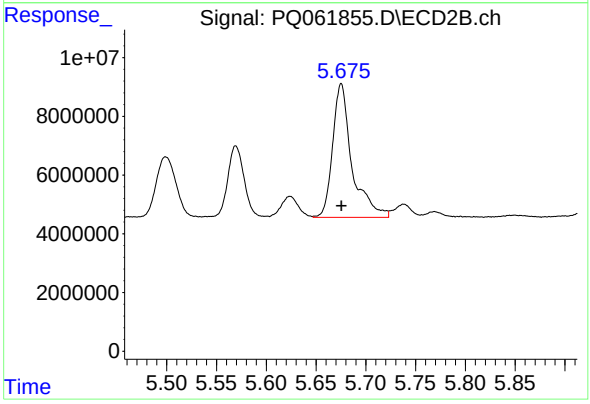
R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 40641548
Conc: 265.44 ng/ml



#30 AR-1254-5

R.T.: 6.595 min
Delta R.T.: 0.000 min
Response: 68727462
Conc: 264.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC250



#30 AR-1254-5

R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 61480681
Conc: 263.25 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061856.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 08:11
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 14:04:19 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 14:04:07 2023
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...	3.404	2.759	22901719	11930085	4.572	4.534
2)	SA Decachlor...	8.583	7.529	17953946	16246486	4.818	4.803
	Target Compounds						
26)	L6 AR-1254-1	5.326	4.516	9093640	7909267	48.938	48.985
27)	L6 AR-1254-2	5.543	4.663	14422747	7122759	49.612	48.380
28)	L6 AR-1254-3	5.897	5.044	14883324	11371481	48.458	48.658
29)	L6 AR-1254-4	6.182	5.270	11750330	7481832	50.606	49.089
30)	L6 AR-1254-5	6.595	5.675	12221408	10989897	47.578	47.617

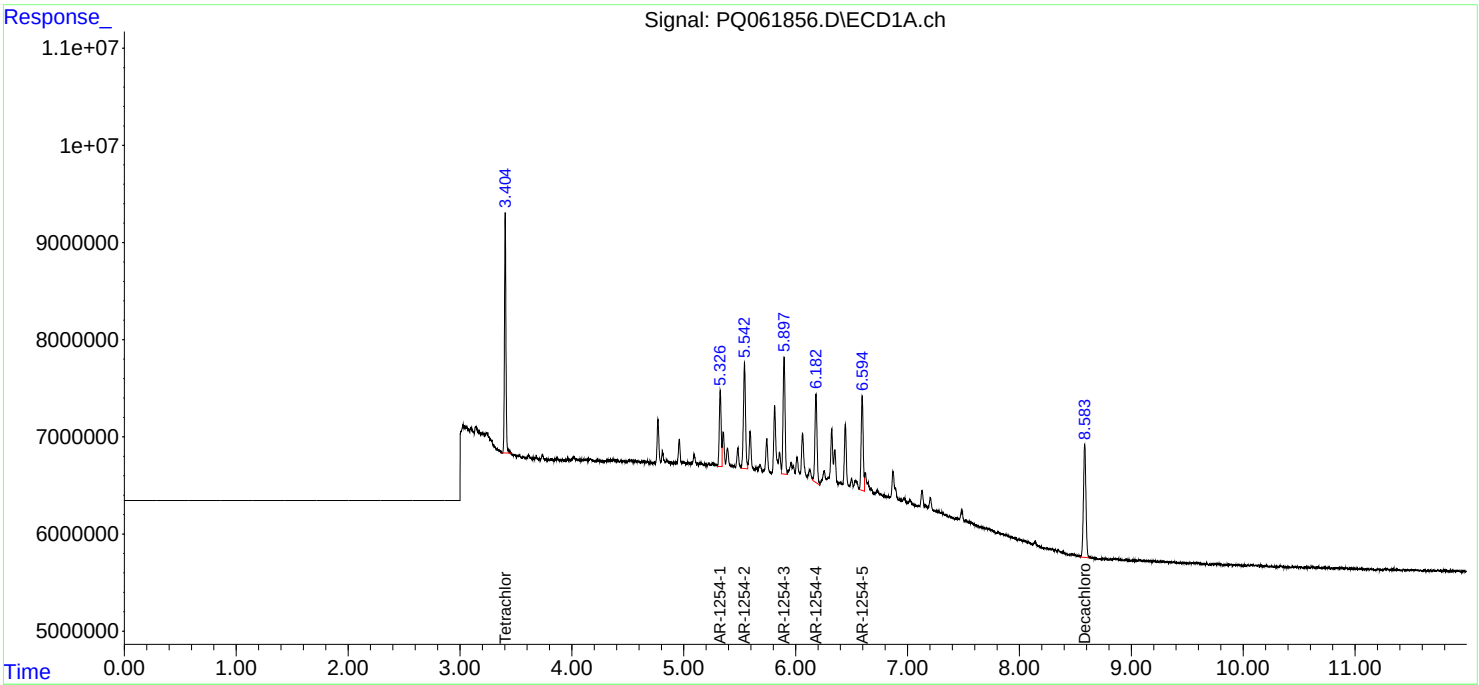
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

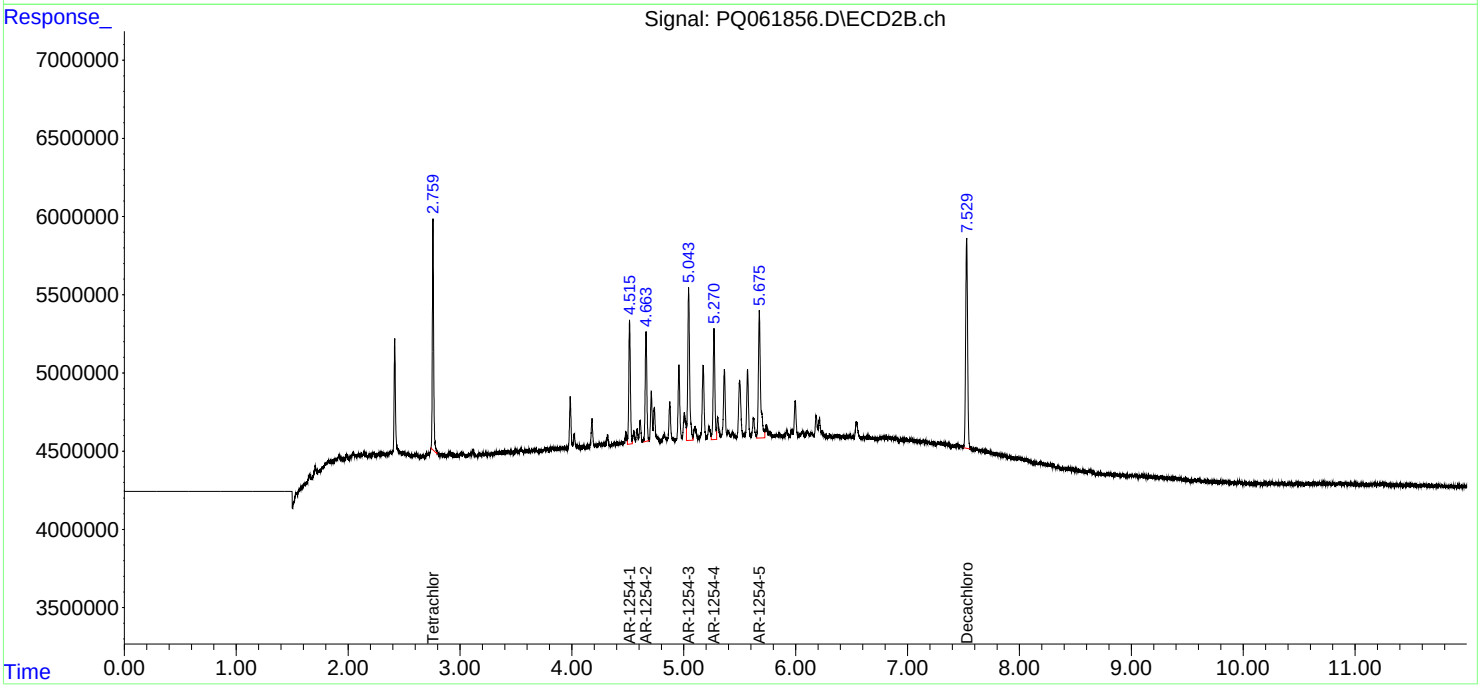
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061856.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 08:11
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 57 Sample Multiplier: 1

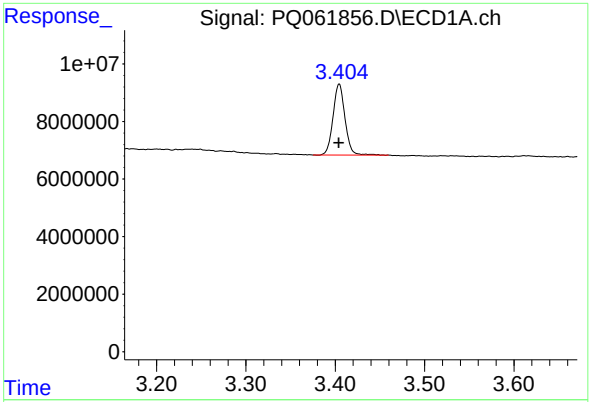
Instrument :
ECD_Q
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 14:04:19 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 14:04:07 2023
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



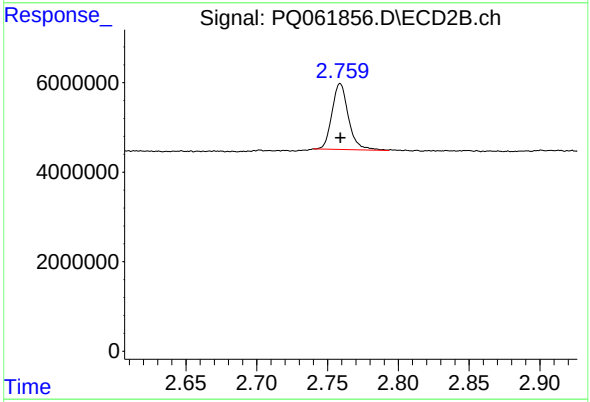




#1 Tetrachloro-m-xylene

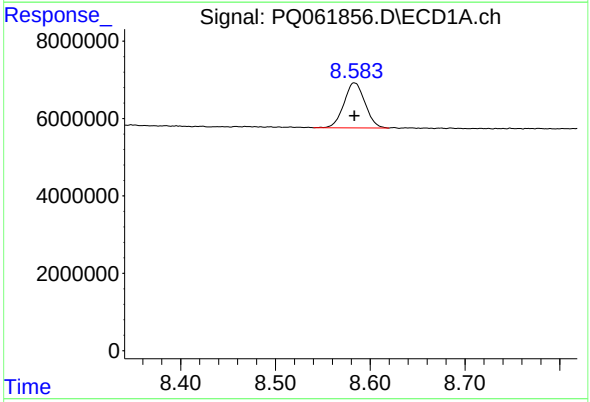
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 22901719
Conc: 4.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC050



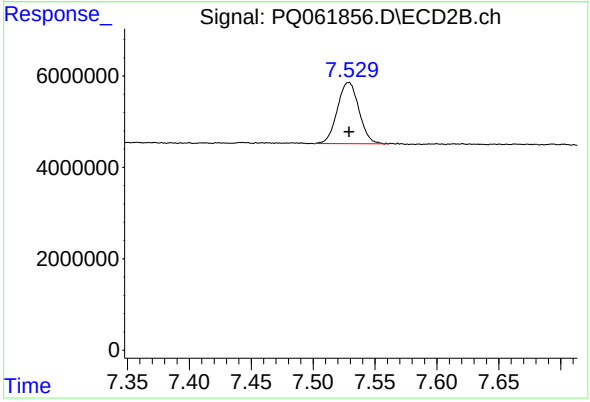
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 11930085
Conc: 4.53 ng/ml



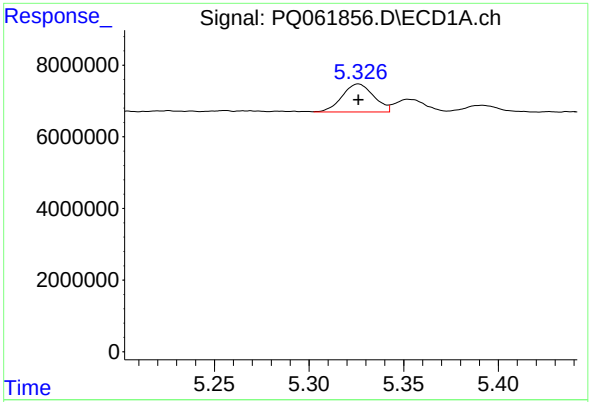
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 17953946
Conc: 4.82 ng/ml



#2 Decachlorobiphenyl

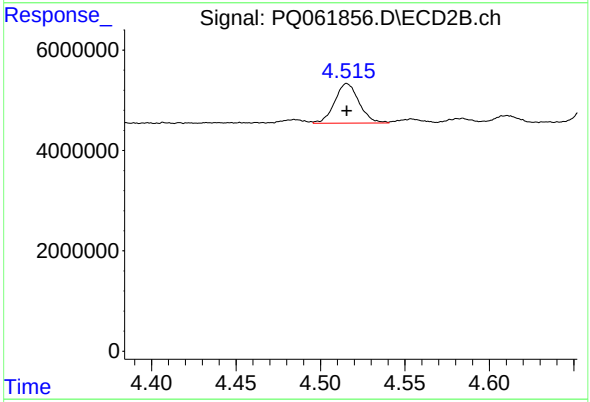
R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 16246486
Conc: 4.80 ng/ml



#26 AR-1254-1

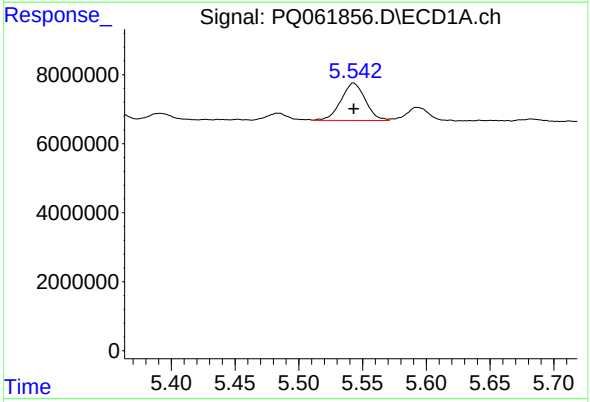
R.T.: 5.326 min
Delta R.T.: 0.000 min
Response: 9093640
Conc: 48.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC050



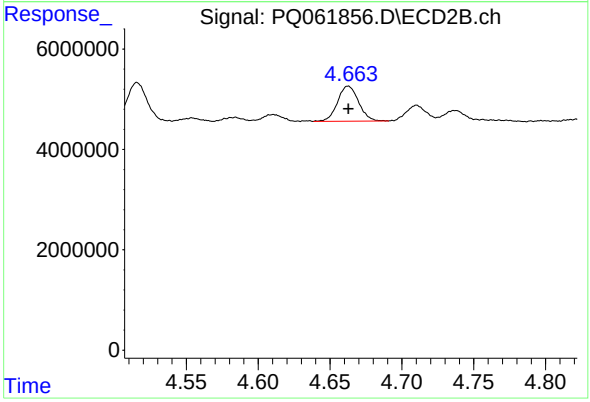
#26 AR-1254-1

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 7909267
Conc: 48.99 ng/ml



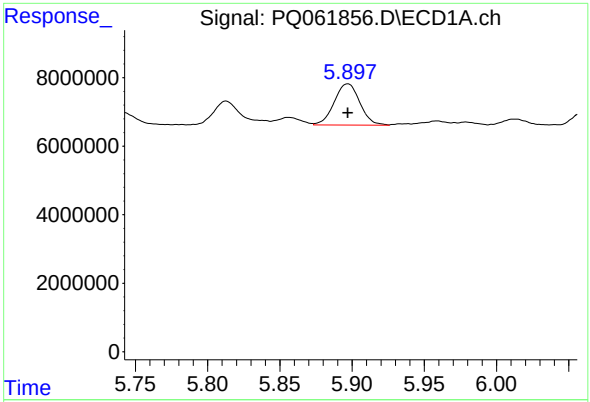
#27 AR-1254-2

R.T.: 5.543 min
Delta R.T.: 0.000 min
Response: 14422747
Conc: 49.61 ng/ml



#27 AR-1254-2

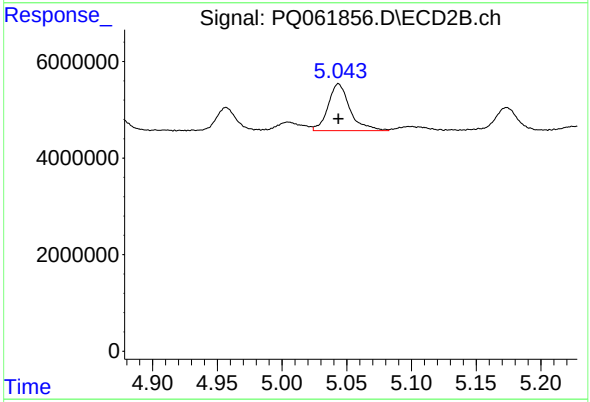
R.T.: 4.663 min
Delta R.T.: 0.000 min
Response: 7122759
Conc: 48.38 ng/ml



#28 AR-1254-3

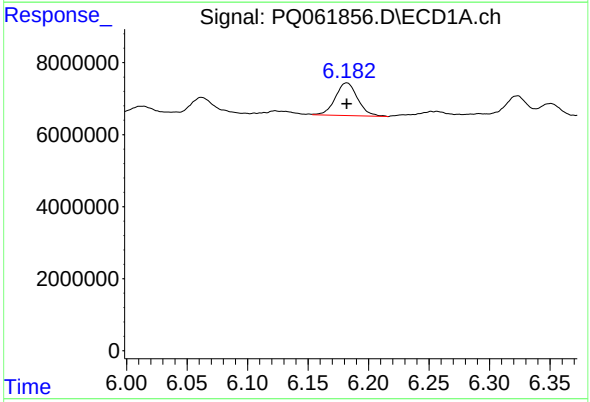
R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 14883324
Conc: 48.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC050



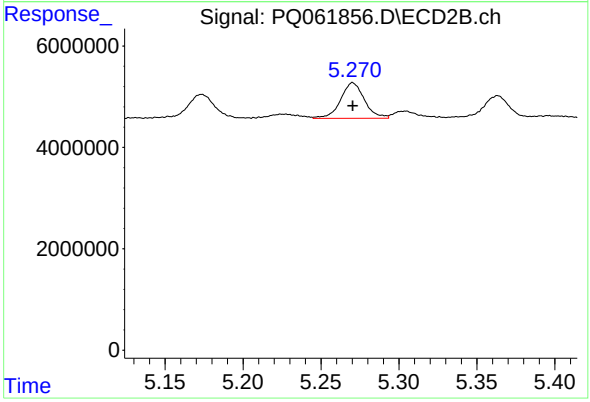
#28 AR-1254-3

R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 11371481
Conc: 48.66 ng/ml



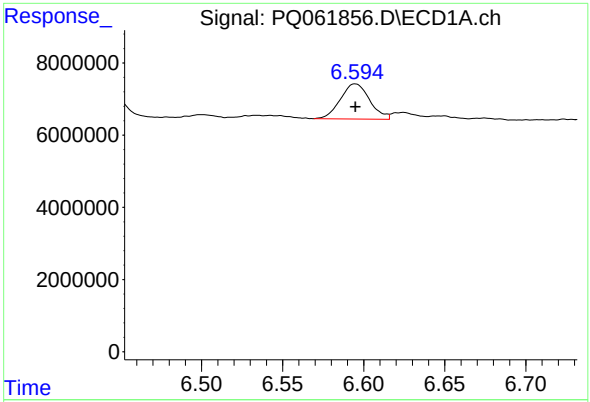
#29 AR-1254-4

R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 11750330
Conc: 50.61 ng/ml



#29 AR-1254-4

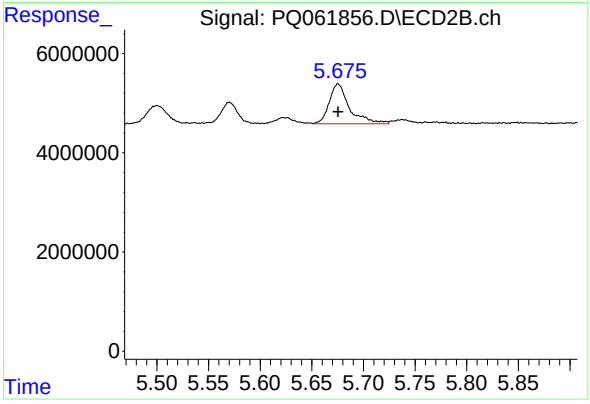
R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 7481832
Conc: 49.09 ng/ml



#30 AR-1254-5

R.T.: 6.595 min
Delta R.T.: 0.000 min
Response: 12221408
Conc: 47.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC050



#30 AR-1254-5

R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 10989897
Conc: 47.62 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061857.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 08:25
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 04 05:24:26 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:22:12 2023
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...	3.404	2.758	257.6E6	134.7E6	50.000	50.000
2)	SA Decachlor...	8.583	7.528	190.6E6	173.1E6	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	6.675	5.718	152.5E6	116.2E6	500.000	500.000
37)	L8 AR-1262-2	7.204	5.965	263.4E6	108.1E6	500.000	500.000
38)	L8 AR-1262-3	7.479	6.489	176.2E6	87163877	500.000	500.000
39)	L8 AR-1262-4	7.553	6.550	133.4E6	161.1E6	500.000	500.000
40)	L8 AR-1262-5	8.057	7.044	88754429	77557404	500.000	500.000

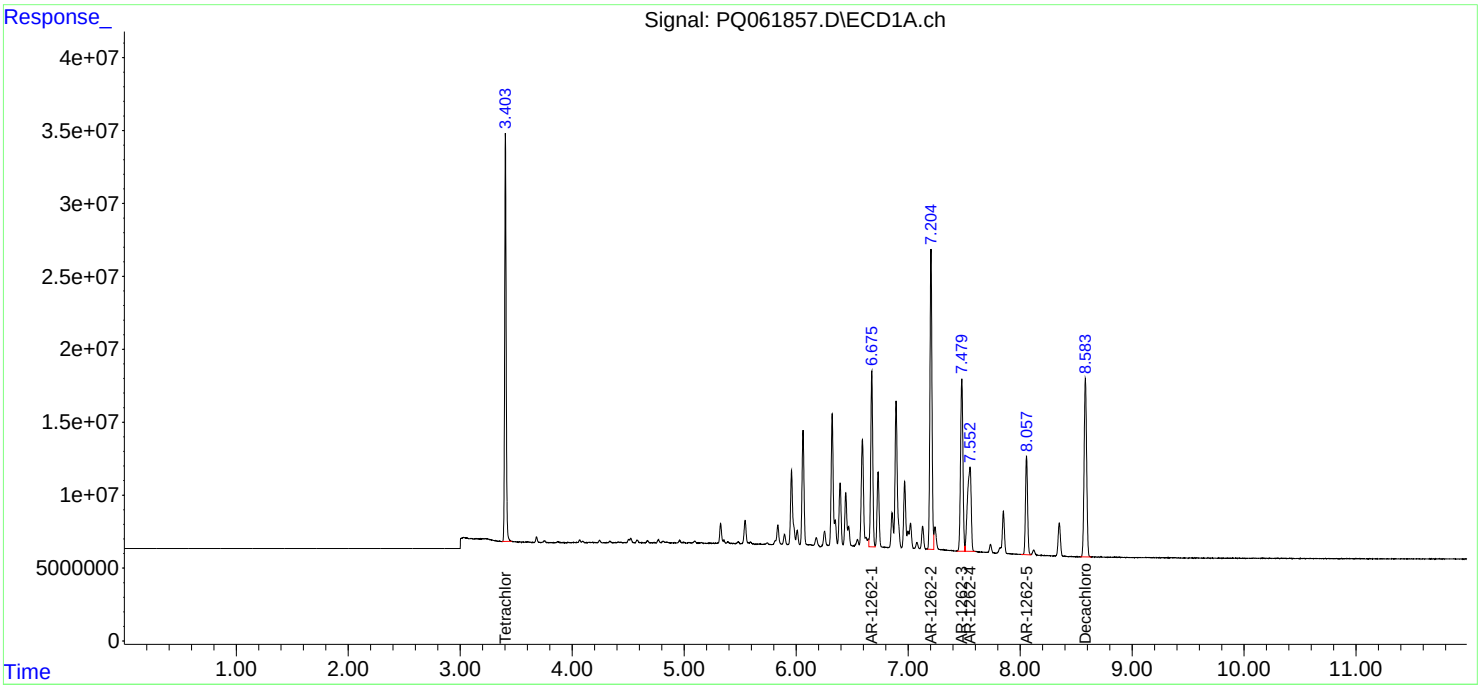
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

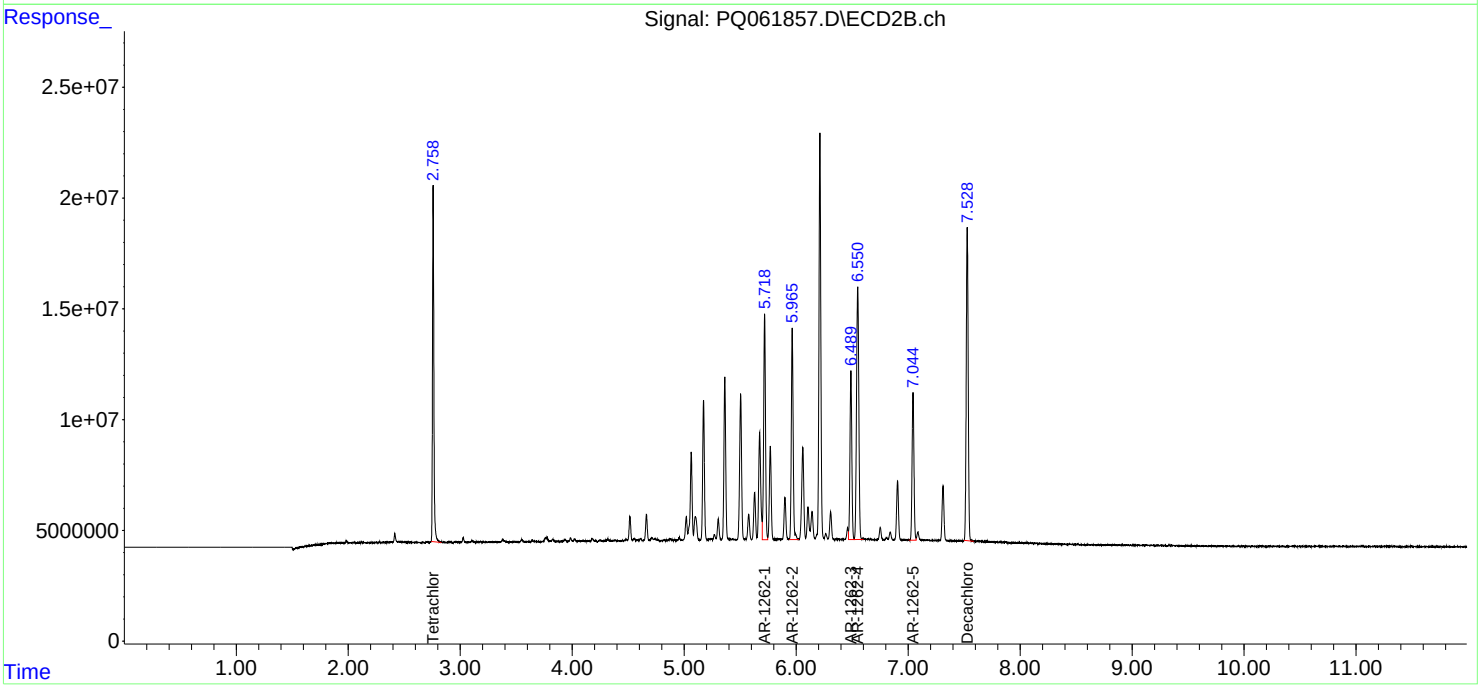
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061857.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 08:25
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 58 Sample Multiplier: 1

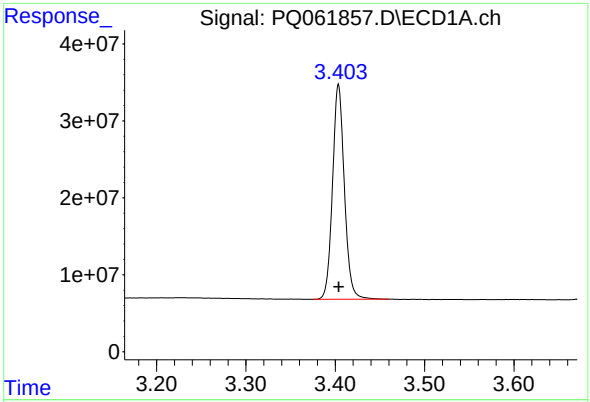
Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 04 05:24:26 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:22:12 2023
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



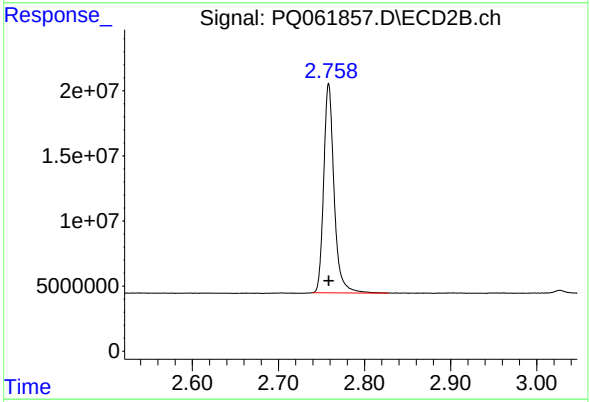




#1 Tetrachloro-m-xylene

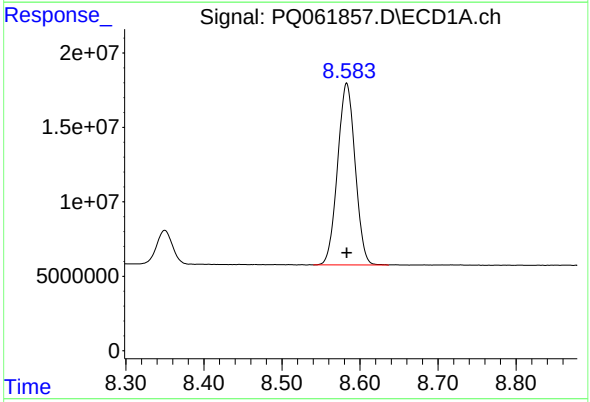
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 257598880
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500



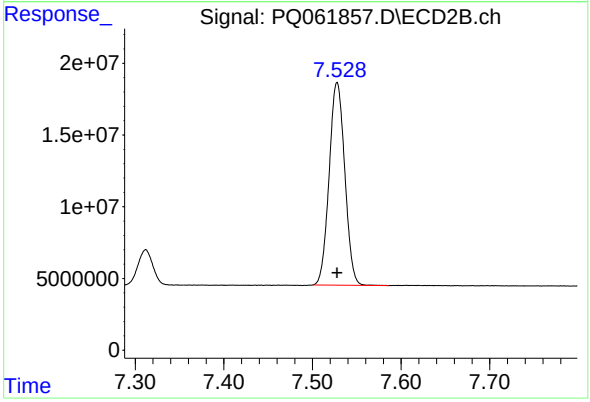
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 134725085
Conc: 50.00 ng/ml



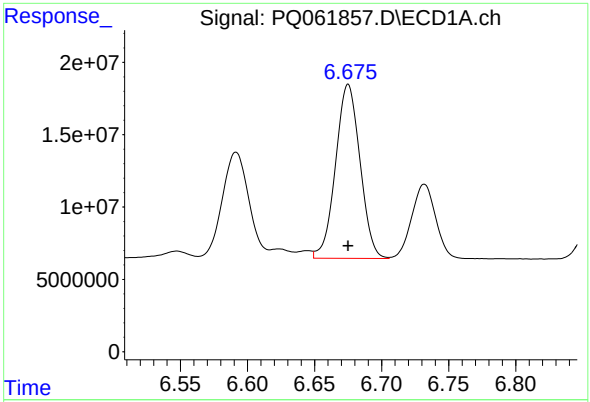
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 190550791
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

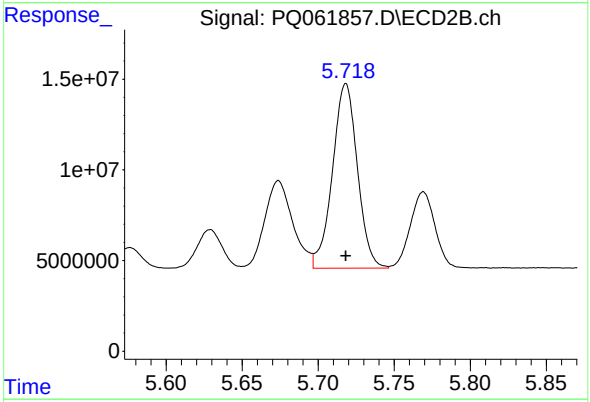
R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 173097097
Conc: 50.00 ng/ml



#36 AR-1262-1

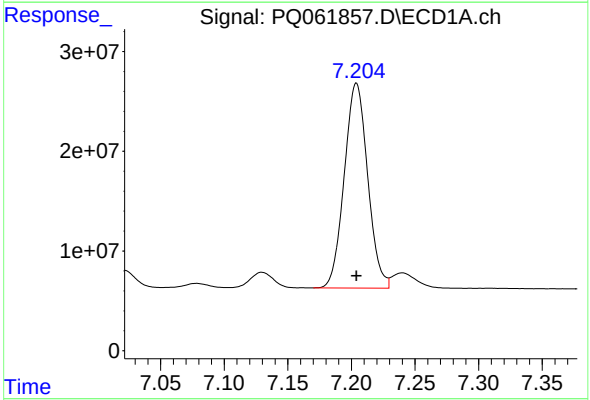
R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 152470858
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500



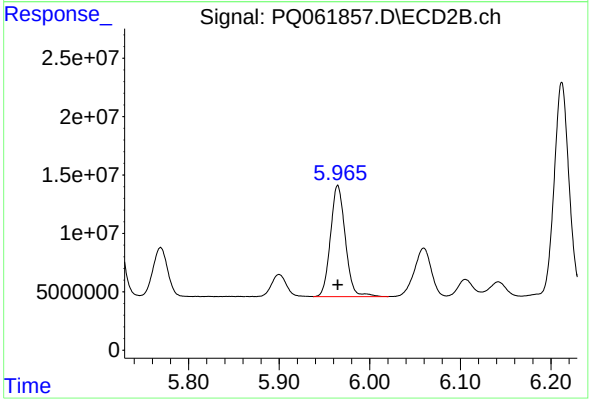
#36 AR-1262-1

R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 116235785
Conc: 500.00 ng/ml



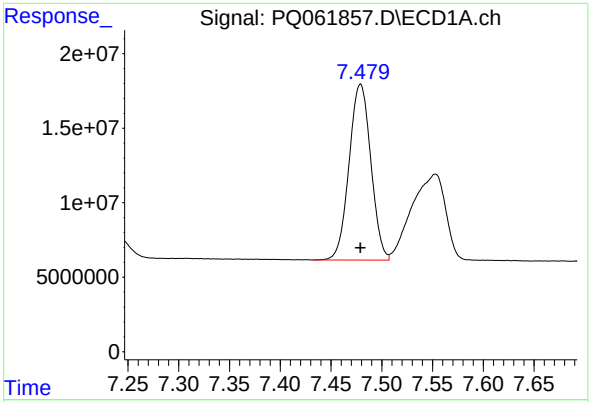
#37 AR-1262-2

R.T.: 7.204 min
Delta R.T.: 0.000 min
Response: 263356870
Conc: 500.00 ng/ml



#37 AR-1262-2

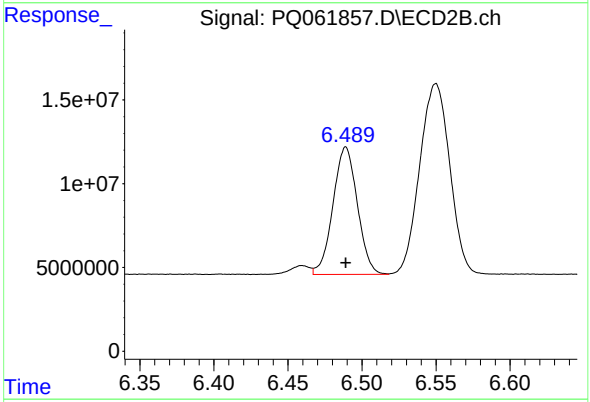
R.T.: 5.965 min
Delta R.T.: 0.000 min
Response: 108103653
Conc: 500.00 ng/ml



#38 AR-1262-3

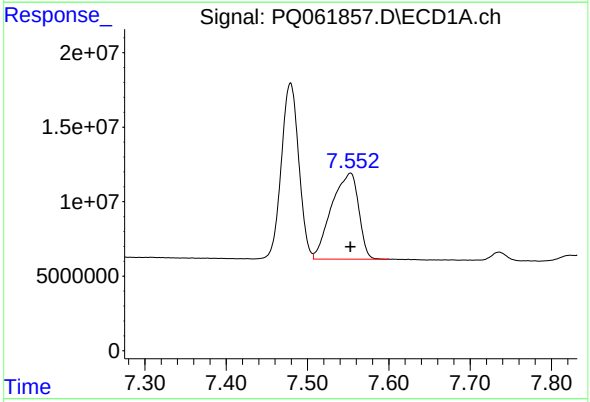
R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 176151583
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500



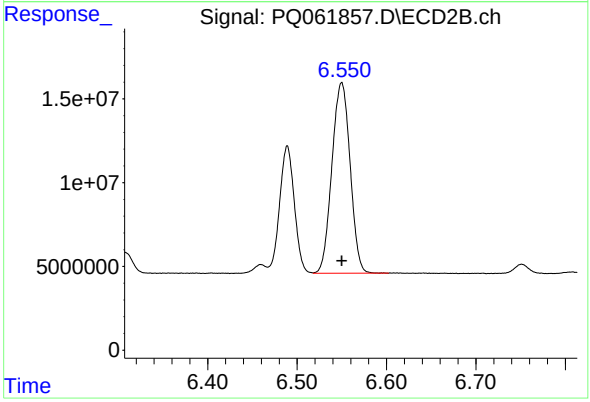
#38 AR-1262-3

R.T.: 6.489 min
Delta R.T.: 0.000 min
Response: 87163877
Conc: 500.00 ng/ml



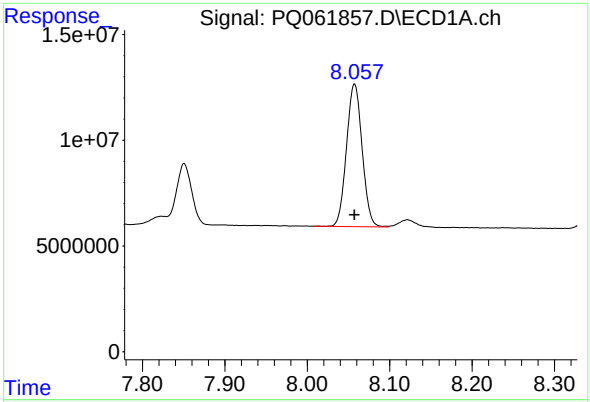
#39 AR-1262-4

R.T.: 7.553 min
Delta R.T.: 0.000 min
Response: 133360093
Conc: 500.00 ng/ml



#39 AR-1262-4

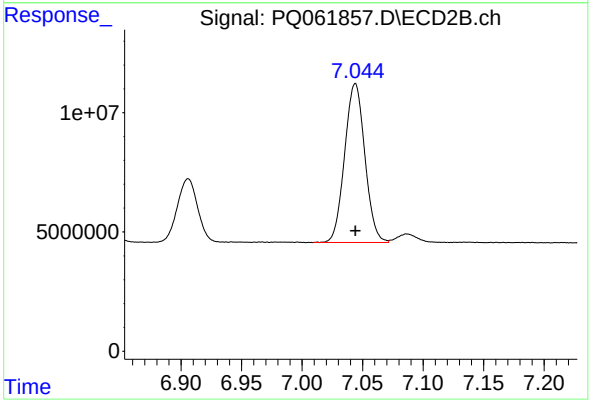
R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 161147134
Conc: 500.00 ng/ml



#40 AR-1262-5

R.T.: 8.057 min
Delta R.T.: 0.000 min
Response: 88754429
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500



#40 AR-1262-5

R.T.: 7.044 min
Delta R.T.: 0.000 min
Response: 77557404
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061858.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 08:40
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 14:24:25 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 14:15:41 2023
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...	3.404	2.758	444.0E6	229.2E6	93.777	92.350
2)	SA Decachlor...	8.583	7.528	570.7E6	508.6E6	95.830	94.763
	Target Compounds						
41)	L9 AR-1268-1	7.477	6.490	531.4E6	433.6E6	959.115	948.568
42)	L9 AR-1268-2	7.556	6.552	480.8E6	394.5E6	959.538	949.823
43)	L9 AR-1268-3	7.737	6.752	403.4E6	341.3E6	961.578	948.964
44)	L9 AR-1268-4	8.058	7.044	170.7E6	146.8E6	953.333	945.278
45)	L9 AR-1268-5	8.350	7.312	1210.4E6	1093.5E6	969.964	955.158

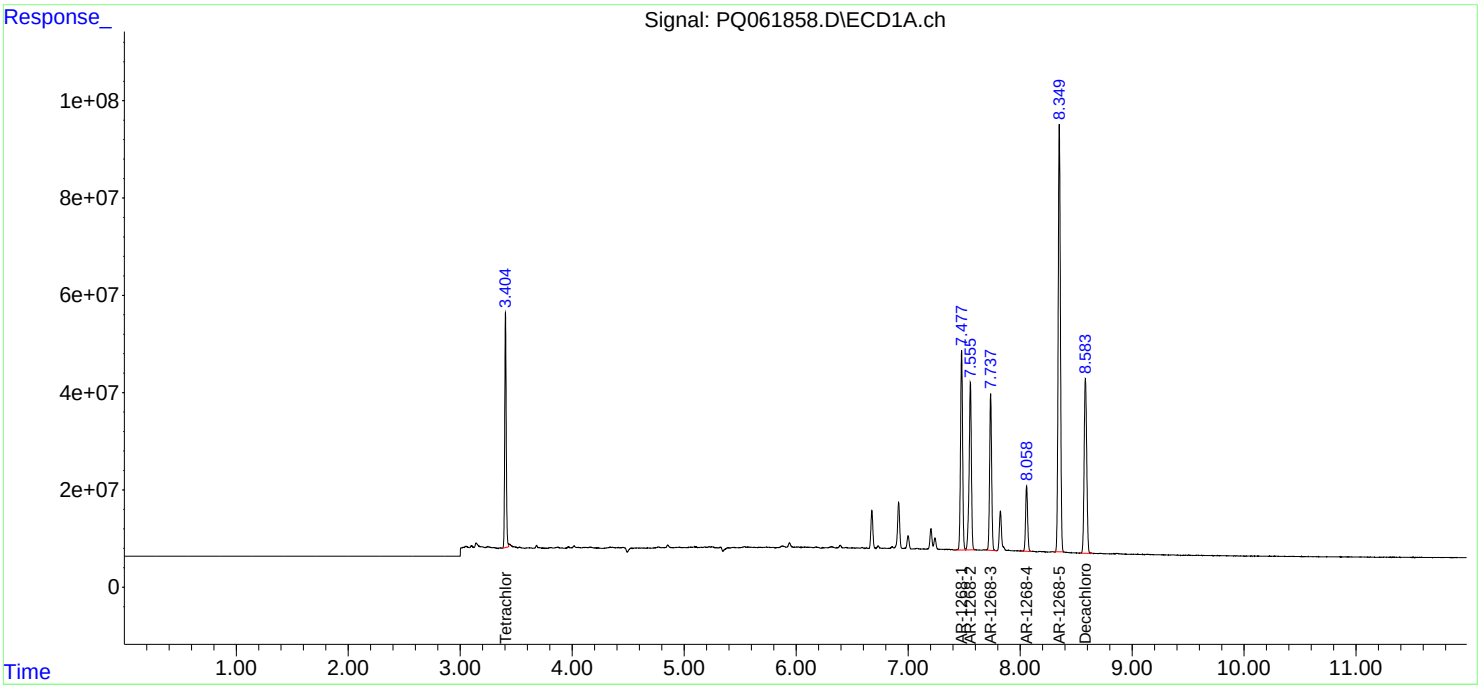
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

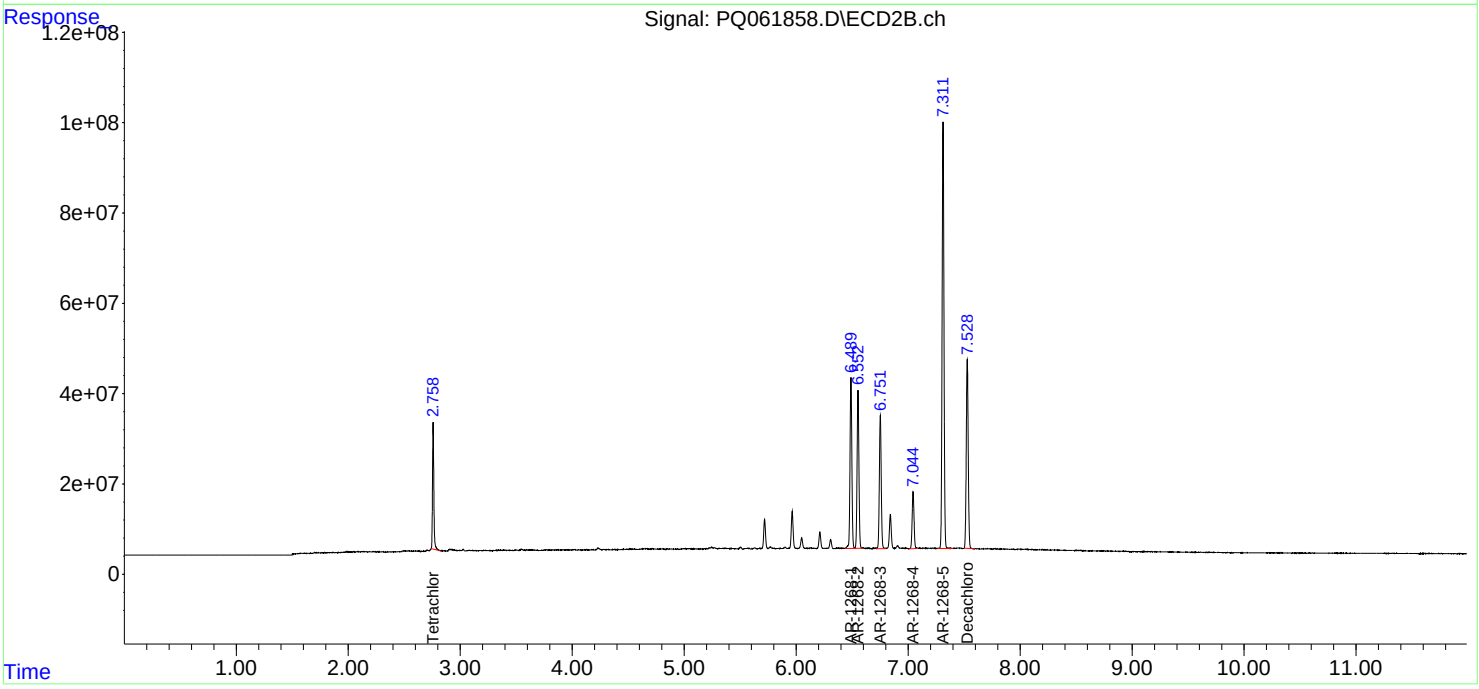
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061858.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 08:40
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 59 Sample Multiplier: 1

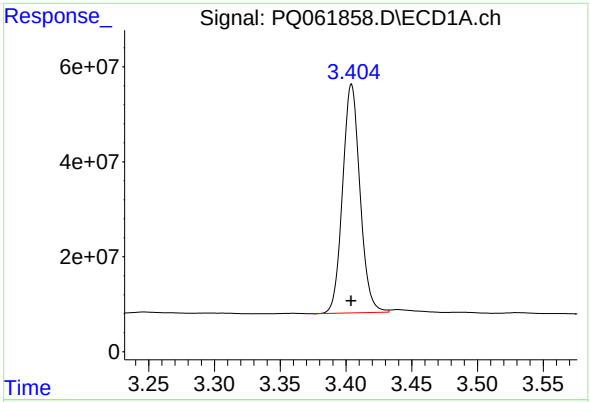
Instrument :
ECD_Q
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 14:24:25 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 14:15:41 2023
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



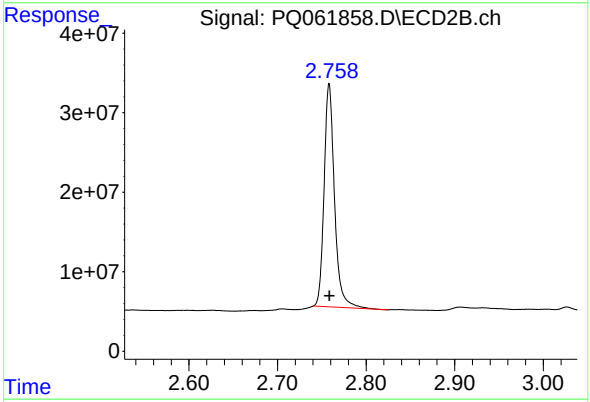




#1 Tetrachloro-m-xylene

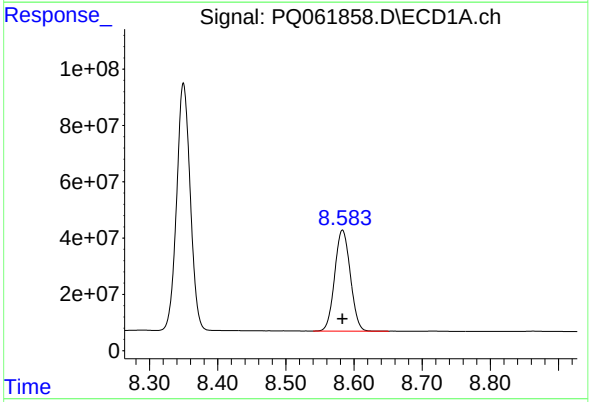
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 444031298
Conc: 93.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC1000



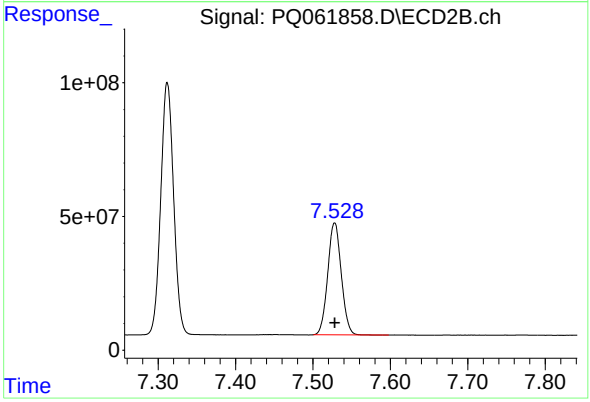
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 229173615
Conc: 92.35 ng/ml



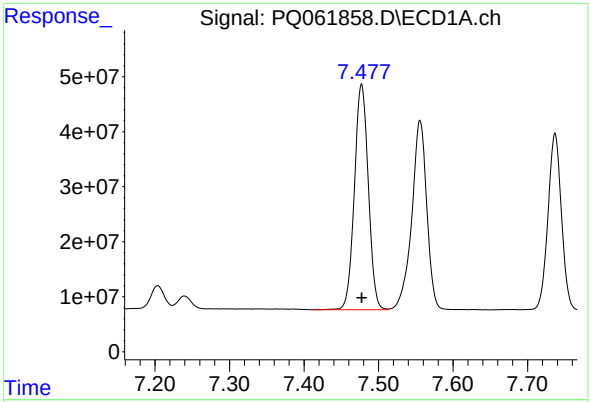
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 570661252
Conc: 95.83 ng/ml



#2 Decachlorobiphenyl

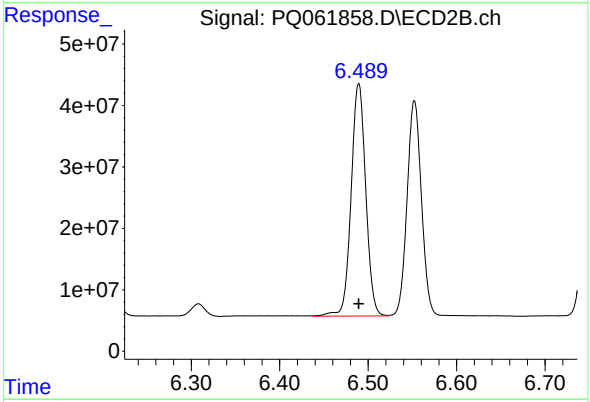
R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 508566810
Conc: 94.76 ng/ml



#41 AR-1268-1

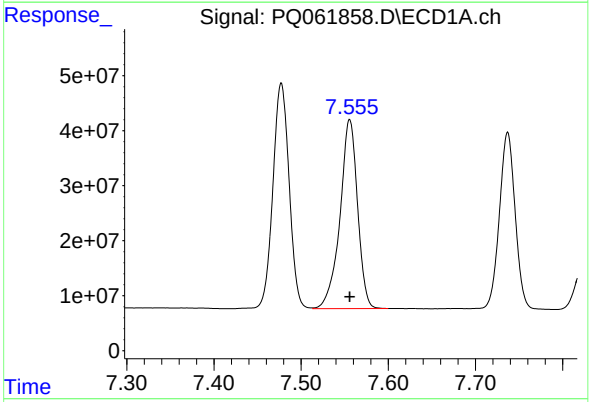
R.T.: 7.477 min
Delta R.T.: 0.000 min
Response: 531388133
Conc: 959.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC1000



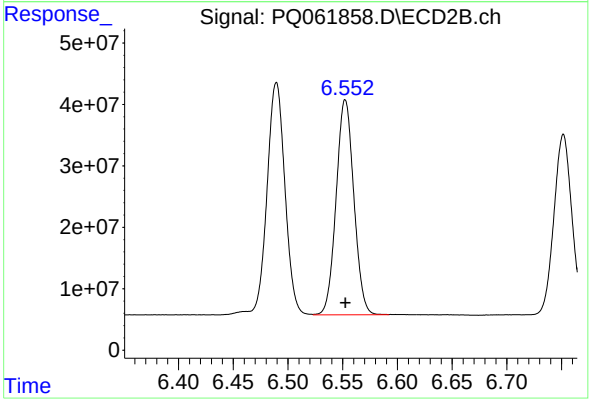
#41 AR-1268-1

R.T.: 6.490 min
Delta R.T.: 0.000 min
Response: 433587545
Conc: 948.57 ng/ml



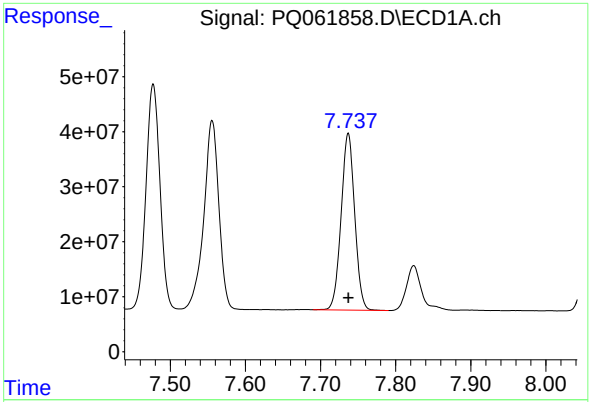
#42 AR-1268-2

R.T.: 7.556 min
Delta R.T.: 0.000 min
Response: 480782556
Conc: 959.54 ng/ml



#42 AR-1268-2

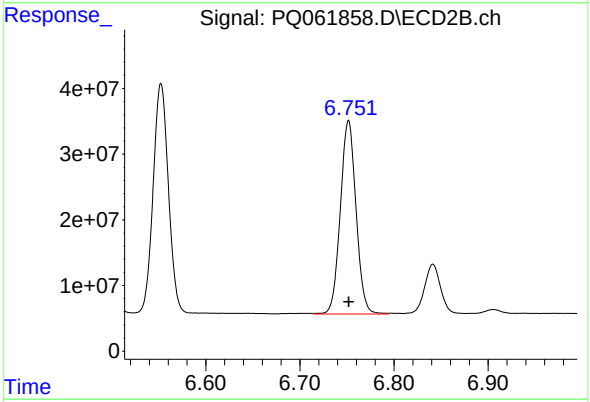
R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 394473975
Conc: 949.82 ng/ml



#43 AR-1268-3

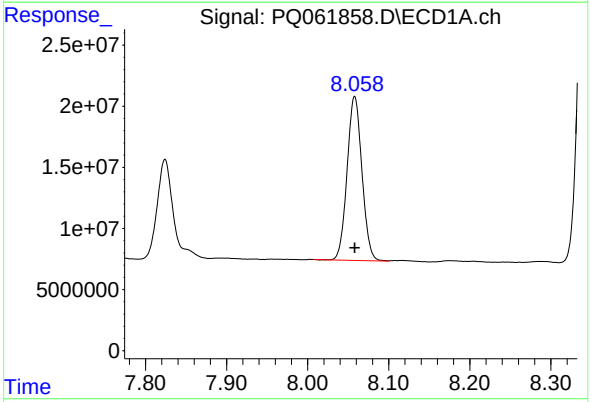
R.T.: 7.737 min
Delta R.T.: 0.000 min
Response: 403398958
Conc: 961.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC1000



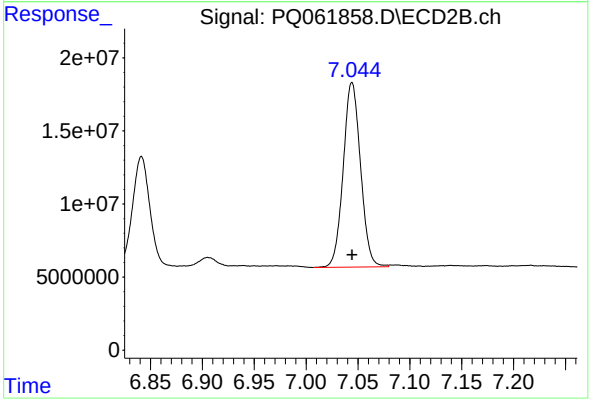
#43 AR-1268-3

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 341277649
Conc: 948.96 ng/ml



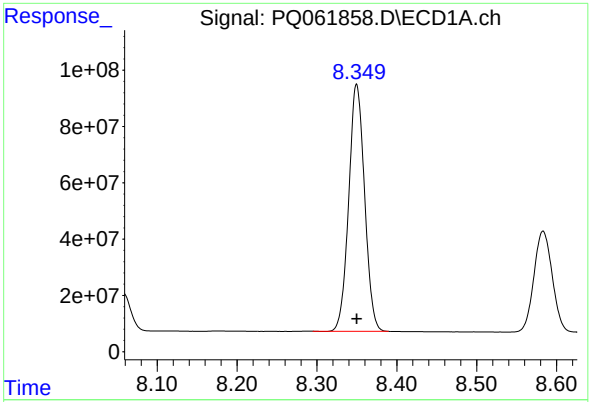
#44 AR-1268-4

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 170693328
Conc: 953.33 ng/ml



#44 AR-1268-4

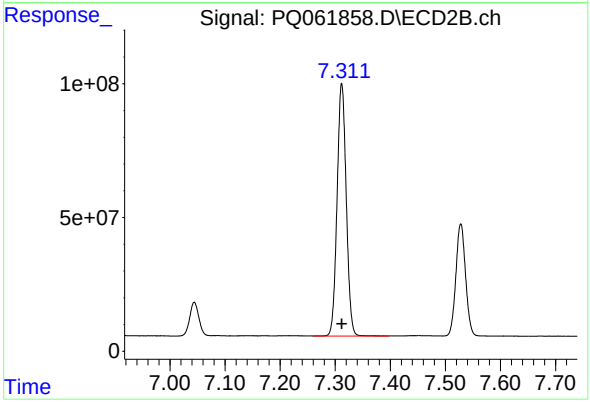
R.T.: 7.044 min
Delta R.T.: 0.000 min
Response: 146834989
Conc: 945.28 ng/ml



#45 AR-1268-5

R.T.: 8.350 min
Delta R.T.: 0.000 min
Response: 1210434141
Conc: 969.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC1000



#45 AR-1268-5

R.T.: 7.312 min
Delta R.T.: 0.000 min
Response: 1093539582
Conc: 955.16 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061859.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 08:55
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 14:28:15 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 14:15:41 2023
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...	3.404	2.759	373.2E6	195.7E6	77.509	77.530
2)	SA Decachlor...	8.584	7.528	453.0E6	413.8E6	75.714	76.391
	Target Compounds						
41)	L9 AR-1268-1	7.477	6.490	424.7E6	352.6E6	760.977	764.150
42)	L9 AR-1268-2	7.556	6.553	384.1E6	320.4E6	760.987	764.236
43)	L9 AR-1268-3	7.737	6.751	320.1E6	276.6E6	758.661	762.653
44)	L9 AR-1268-4	8.059	7.045	136.8E6	120.3E6	759.323	766.065
45)	L9 AR-1268-5	8.351	7.313	956.0E6	889.4E6	760.620	767.679

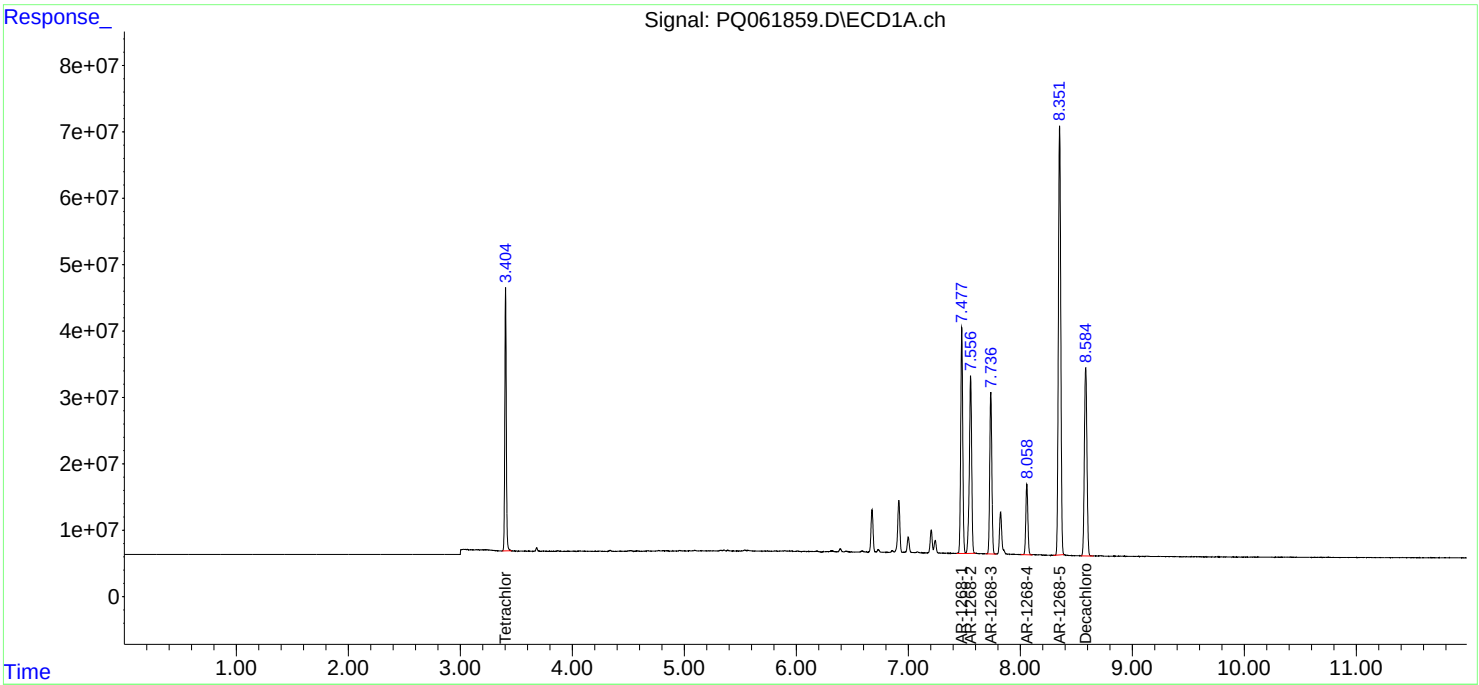
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

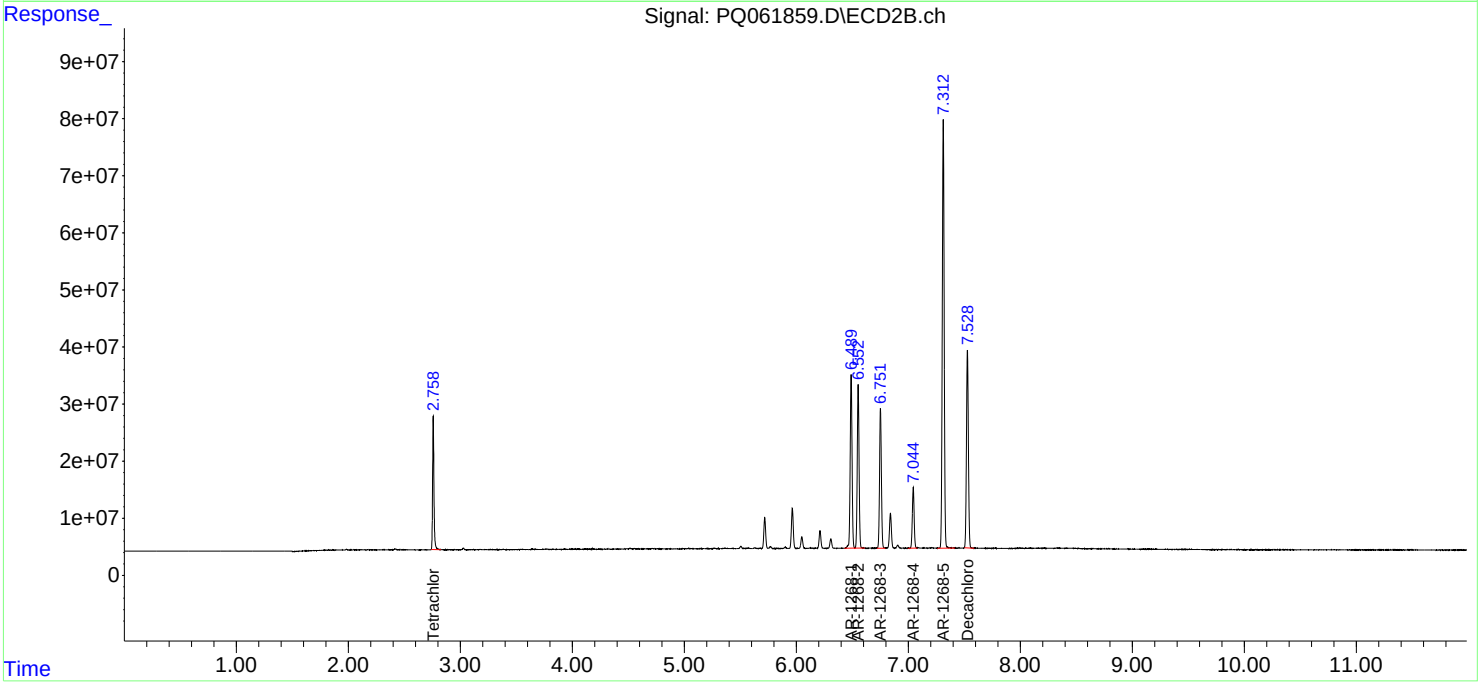
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061859.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 08:55
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 60 Sample Multiplier: 1

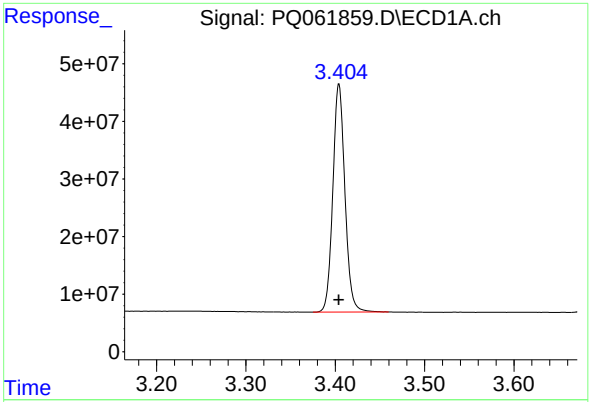
Instrument :
ECD_Q
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 14:28:15 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 14:15:41 2023
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



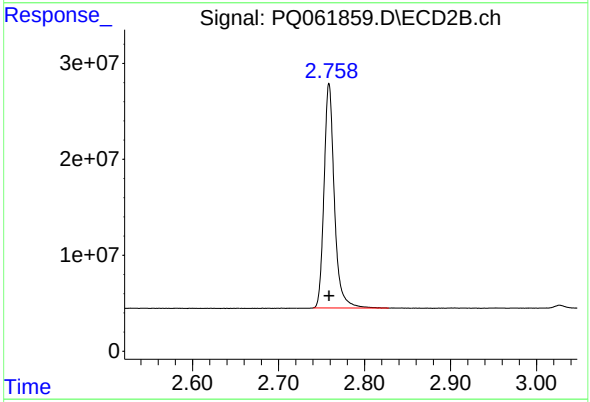




#1 Tetrachloro-m-xylene

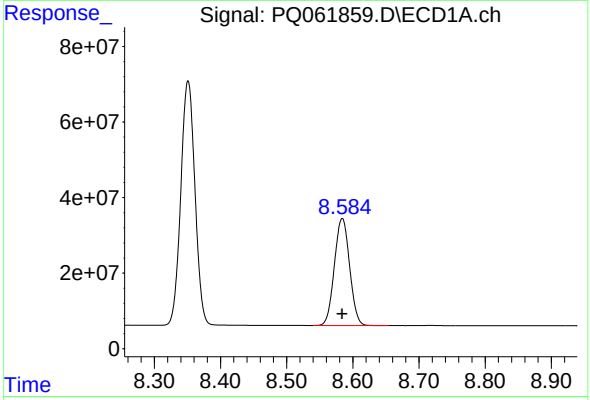
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 373248933
Conc: 77.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC750



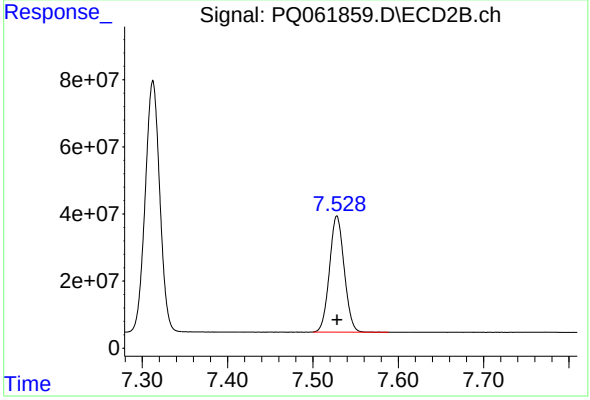
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 195697756
Conc: 77.53 ng/ml



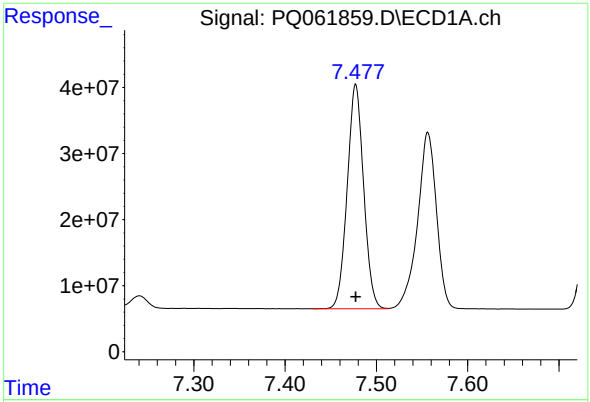
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 453028598
Conc: 75.71 ng/ml



#2 Decachlorobiphenyl

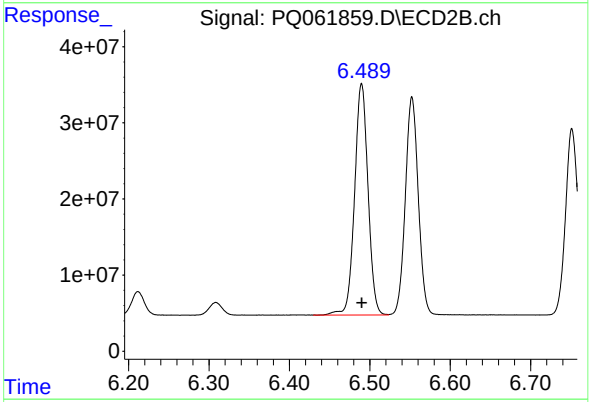
R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 413810510
Conc: 76.39 ng/ml



#41 AR-1268-1

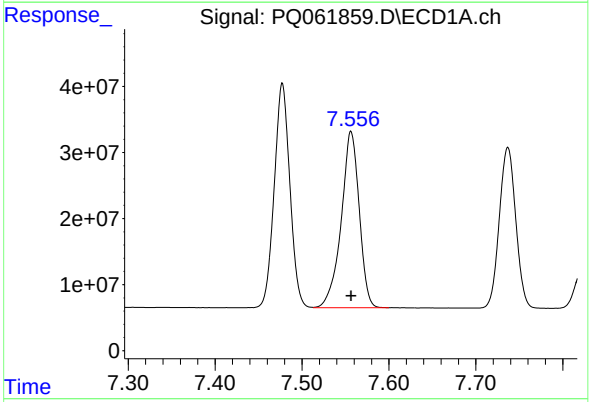
R.T.: 7.477 min
Delta R.T.: 0.000 min
Response: 424719920
Conc: 760.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC750



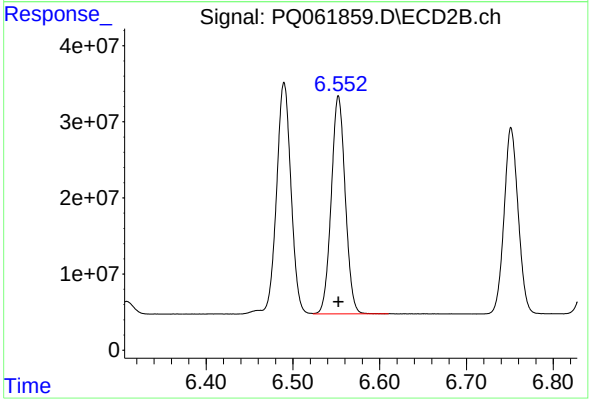
#41 AR-1268-1

R.T.: 6.490 min
Delta R.T.: 0.000 min
Response: 352617153
Conc: 764.15 ng/ml



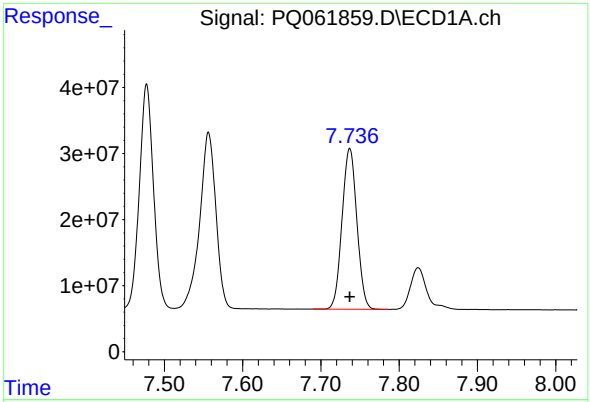
#42 AR-1268-2

R.T.: 7.556 min
Delta R.T.: 0.000 min
Response: 384110422
Conc: 760.99 ng/ml



#42 AR-1268-2

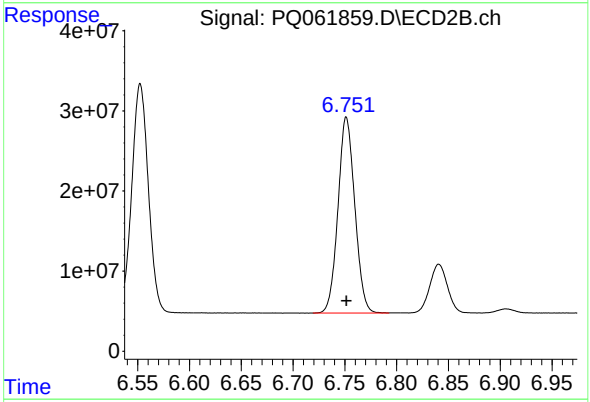
R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 320438210
Conc: 764.24 ng/ml



#43 AR-1268-3

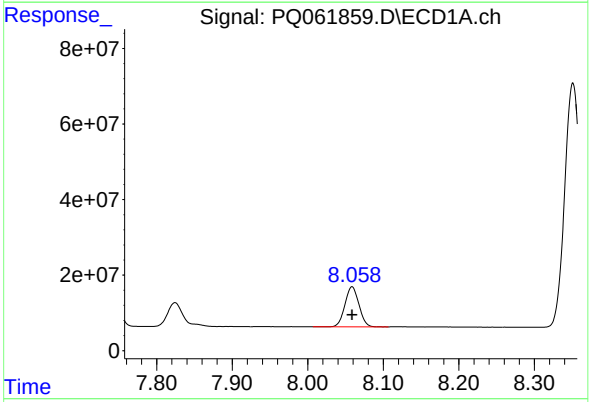
R.T.: 7.737 min
Delta R.T.: 0.000 min
Response: 320119926
Conc: 758.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC750



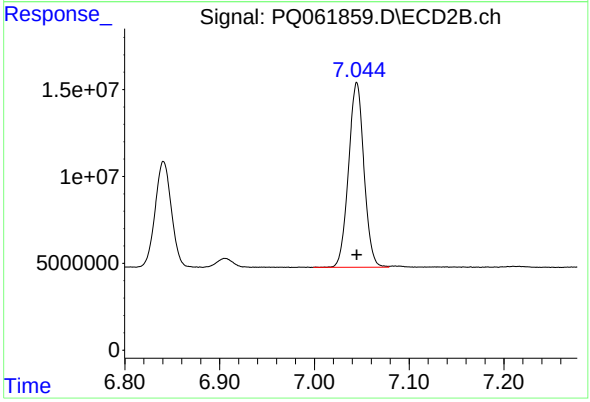
#43 AR-1268-3

R.T.: 6.751 min
Delta R.T.: 0.000 min
Response: 276607554
Conc: 762.65 ng/ml



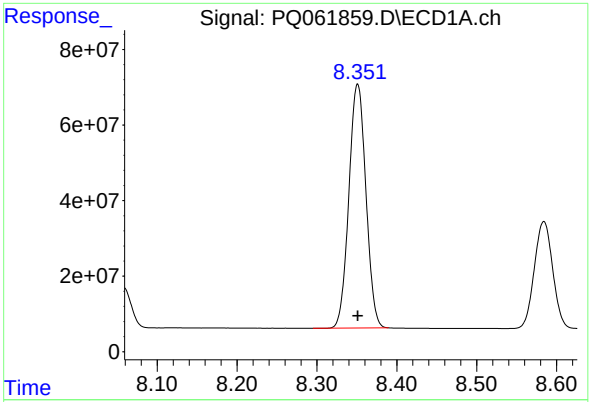
#44 AR-1268-4

R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 136806229
Conc: 759.32 ng/ml



#44 AR-1268-4

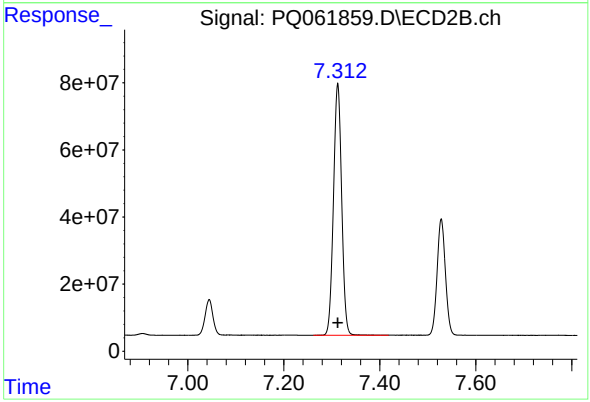
R.T.: 7.045 min
Delta R.T.: 0.000 min
Response: 120285186
Conc: 766.07 ng/ml



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: 0.000 min
Response: 955959007
Conc: 760.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC750



#45 AR-1268-5

R.T.: 7.313 min
Delta R.T.: 0.000 min
Response: 889380525
Conc: 767.68 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061860.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 09:09
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 14:16:59 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 14:15:41 2023
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...	3.404	2.759	251.5E6	133.6E6	50.000	50.000
2)	SA Decachlor...	8.583	7.529	310.2E6	282.4E6	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	7.477	6.490	288.3E6	240.3E6	500.000	500.000
42)	L9 AR-1268-2	7.556	6.553	260.7E6	218.1E6	500.000	500.000
43)	L9 AR-1268-3	7.738	6.752	217.8E6	189.0E6	500.000	500.000
44)	L9 AR-1268-4	8.059	7.044	93702259	81917754	500.000	500.000
45)	L9 AR-1268-5	8.351	7.313	642.7E6	598.1E6	500.000	500.000

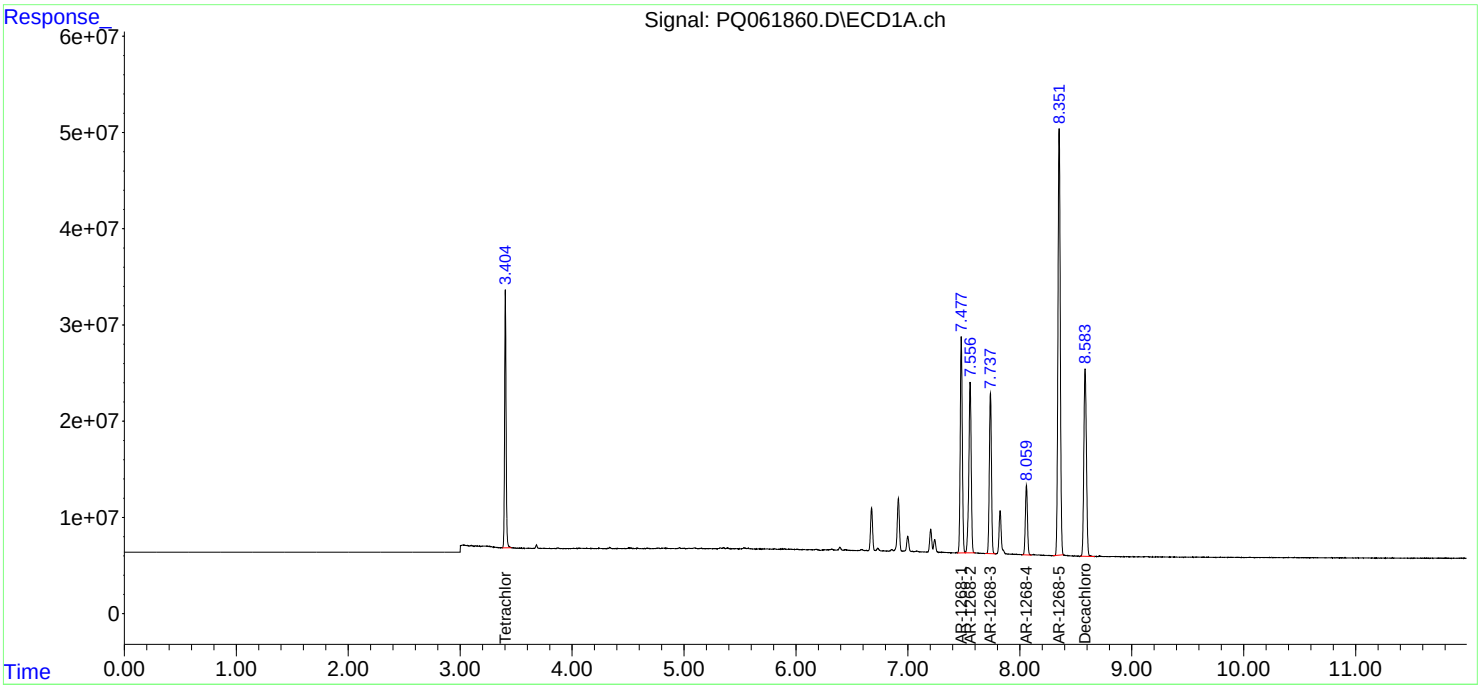
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

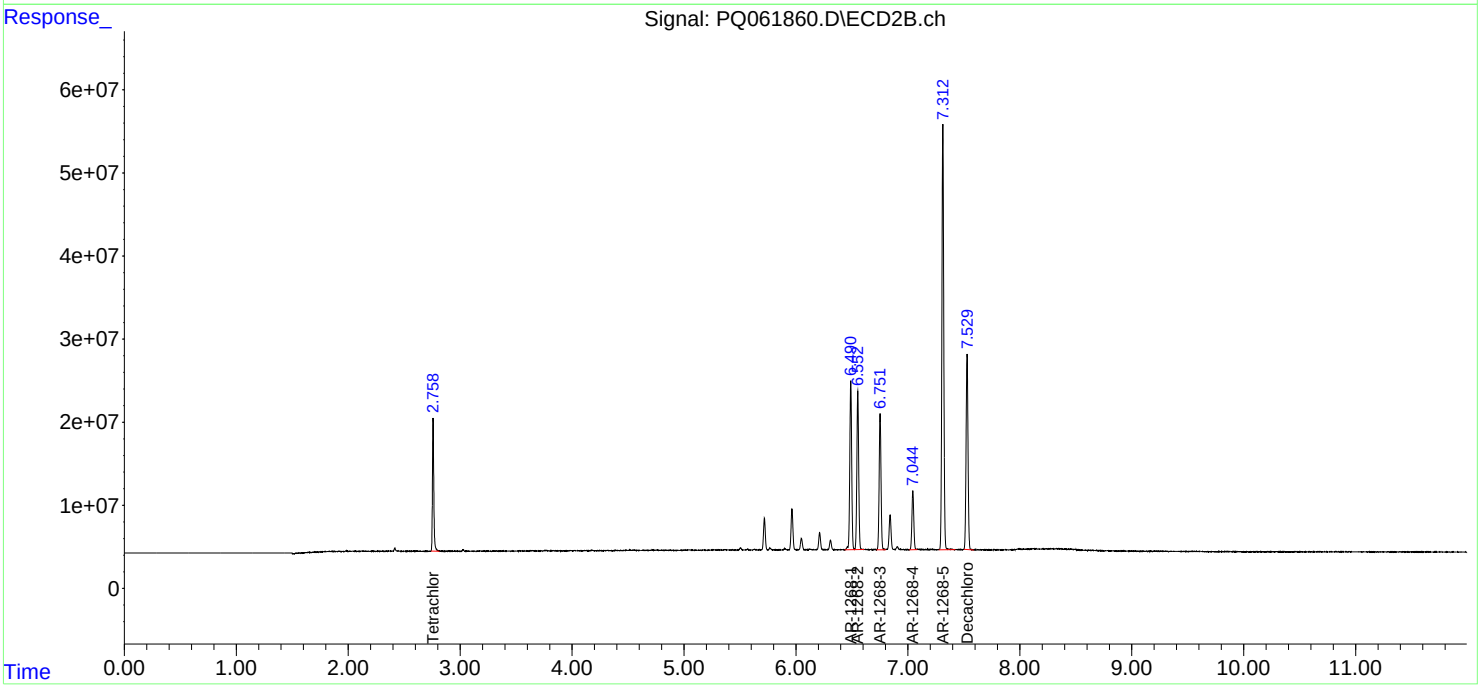
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061860.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 09:09
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 61 Sample Multiplier: 1

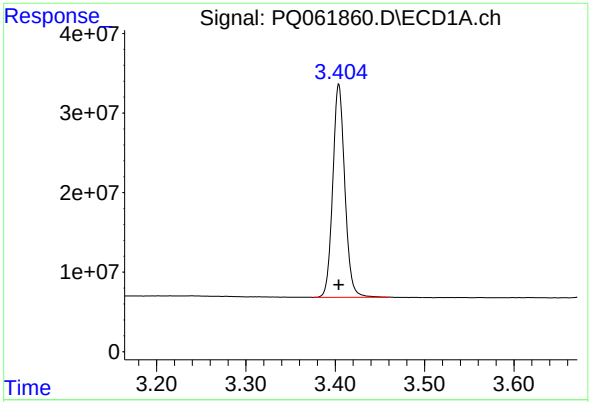
Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 14:16:59 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 14:15:41 2023
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



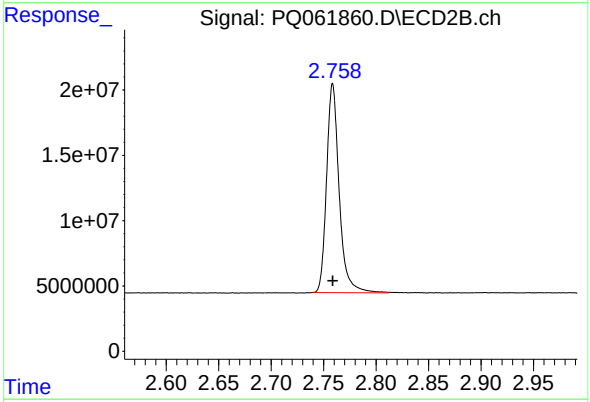




#1 Tetrachloro-m-xylene

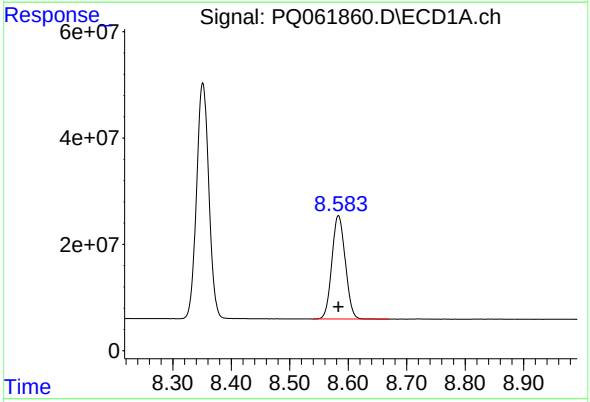
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 251482782
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500



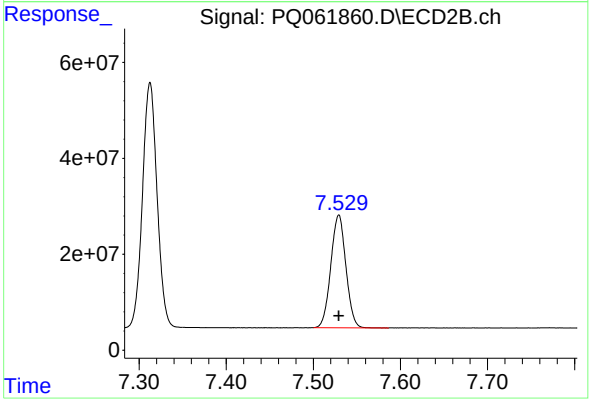
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 133569580
Conc: 50.00 ng/ml



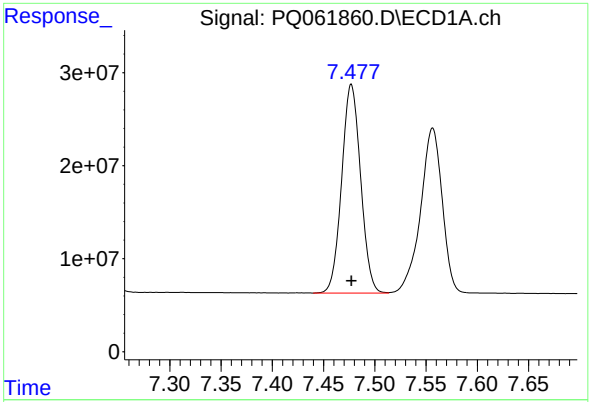
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 310160537
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

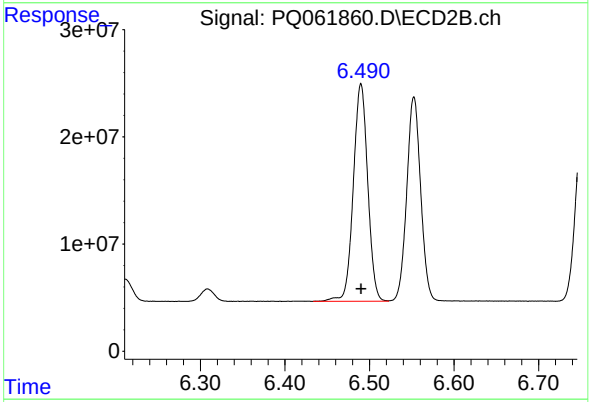
R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 282389082
Conc: 50.00 ng/ml



#41 AR-1268-1

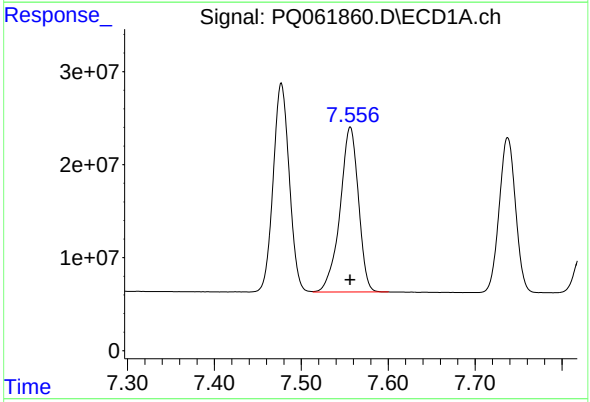
R.T.: 7.477 min
Delta R.T.: 0.000 min
Response: 288346129
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500



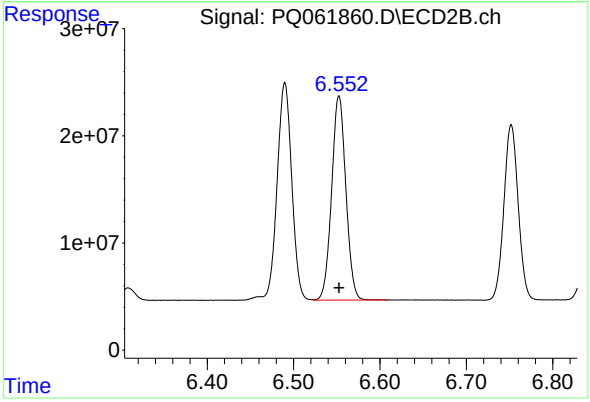
#41 AR-1268-1

R.T.: 6.490 min
Delta R.T.: 0.000 min
Response: 240303415
Conc: 500.00 ng/ml



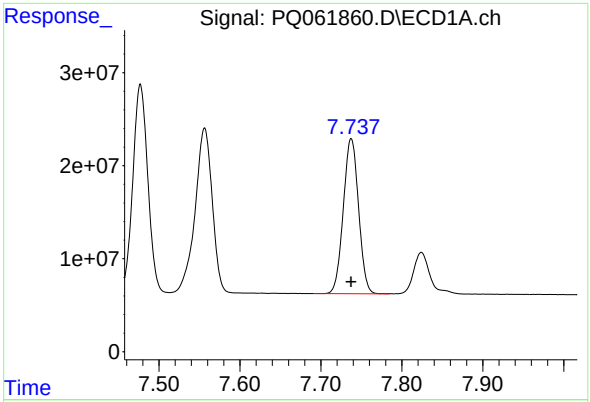
#42 AR-1268-2

R.T.: 7.556 min
Delta R.T.: 0.000 min
Response: 260664963
Conc: 500.00 ng/ml



#42 AR-1268-2

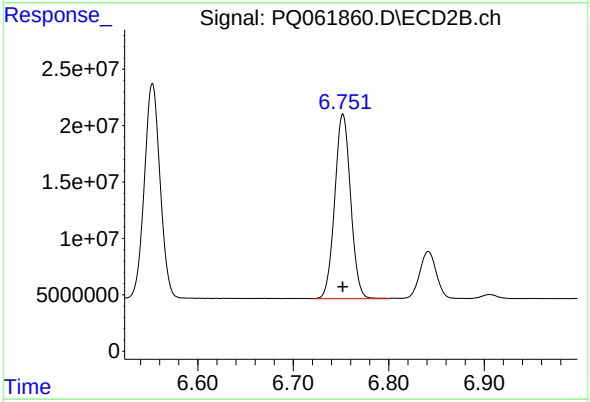
R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 218076228
Conc: 500.00 ng/ml



#43 AR-1268-3

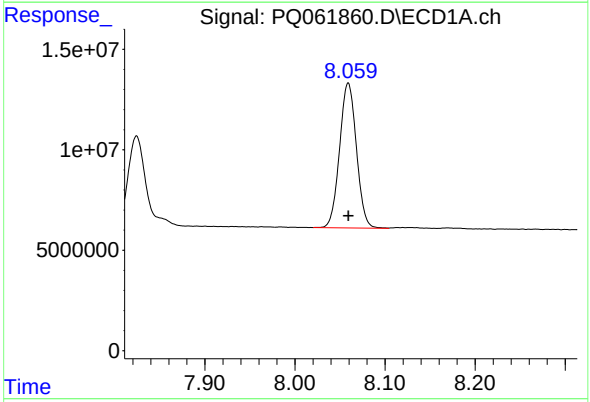
R.T.: 7.738 min
Delta R.T.: 0.000 min
Response: 217818265
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500



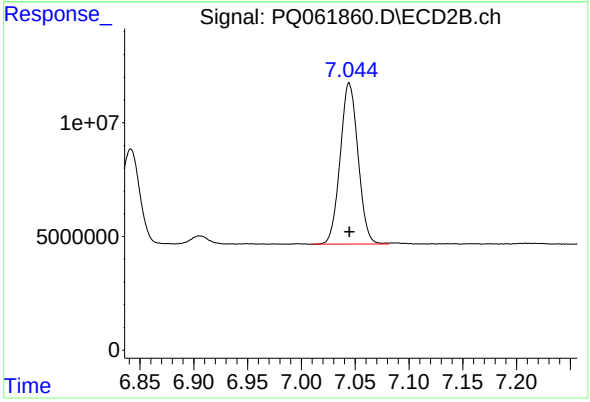
#43 AR-1268-3

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 188993038
Conc: 500.00 ng/ml



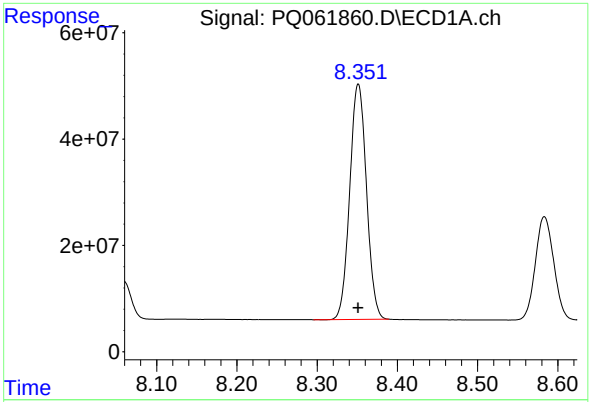
#44 AR-1268-4

R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 93702259
Conc: 500.00 ng/ml



#44 AR-1268-4

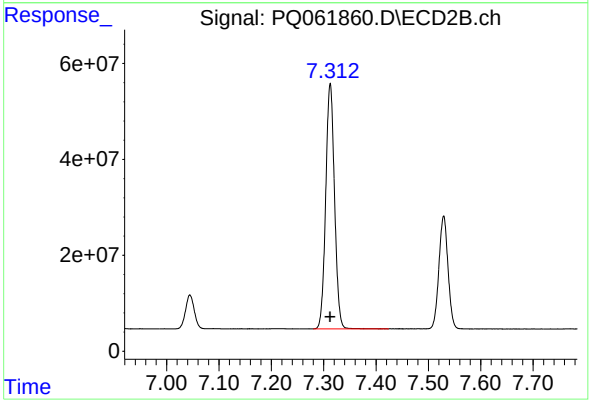
R.T.: 7.044 min
Delta R.T.: 0.000 min
Response: 81917754
Conc: 500.00 ng/ml



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: 0.000 min
Response: 642699363
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500



#45 AR-1268-5

R.T.: 7.313 min
Delta R.T.: 0.000 min
Response: 598108109
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061861.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 09:24
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 14:30:14 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 14:15:41 2023
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...	3.404	2.758	128.9E6	68132858	26.298	26.465
2)	SA Decachlor...	8.584	7.528	163.2E6	148.3E6	26.672	26.748
	Target Compounds						
41)	L9 AR-1268-1	7.477	6.489	151.0E6	124.9E6	265.164	265.201
42)	L9 AR-1268-2	7.557	6.552	135.4E6	112.6E6	263.439	263.685
43)	L9 AR-1268-3	7.737	6.751	113.6E6	98090136	264.191	265.031
44)	L9 AR-1268-4	8.058	7.044	48838203	42698479	265.476	266.099
45)	L9 AR-1268-5	8.351	7.312	331.9E6	310.4E6	260.388	263.183

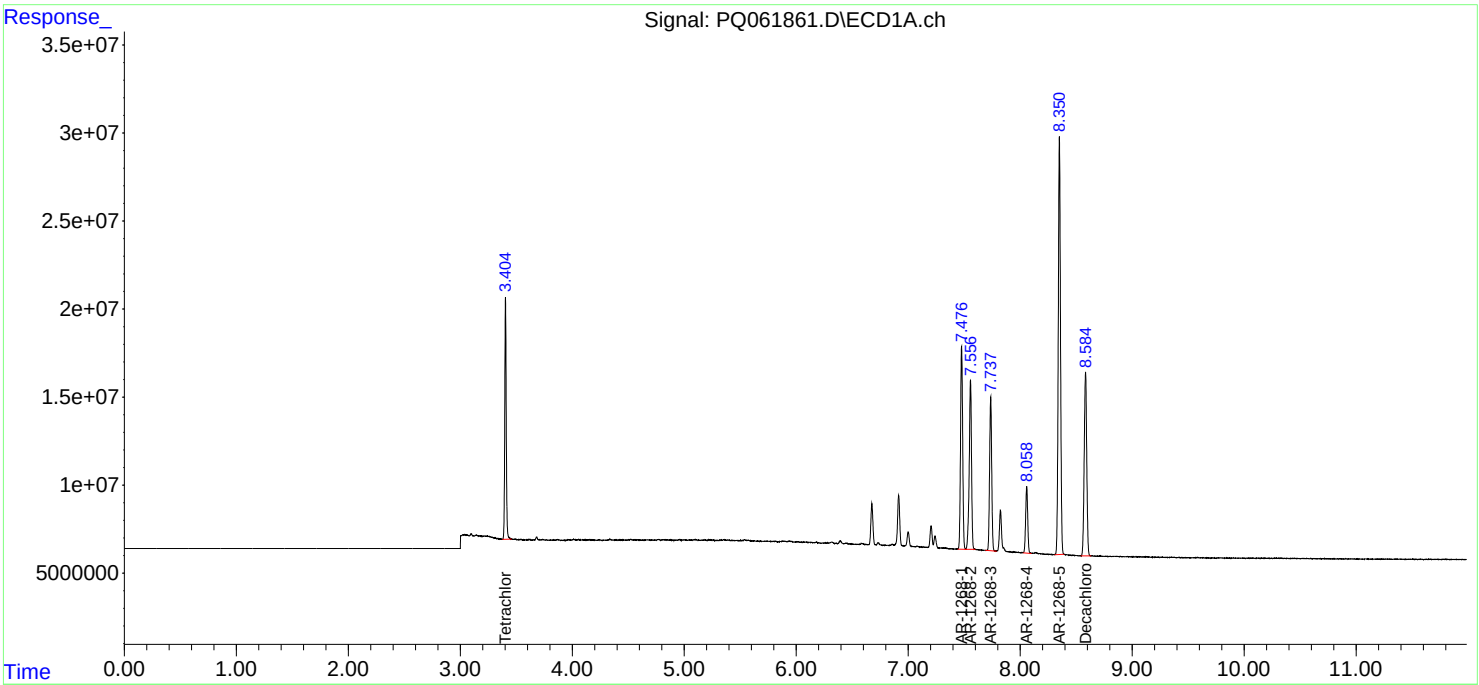
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

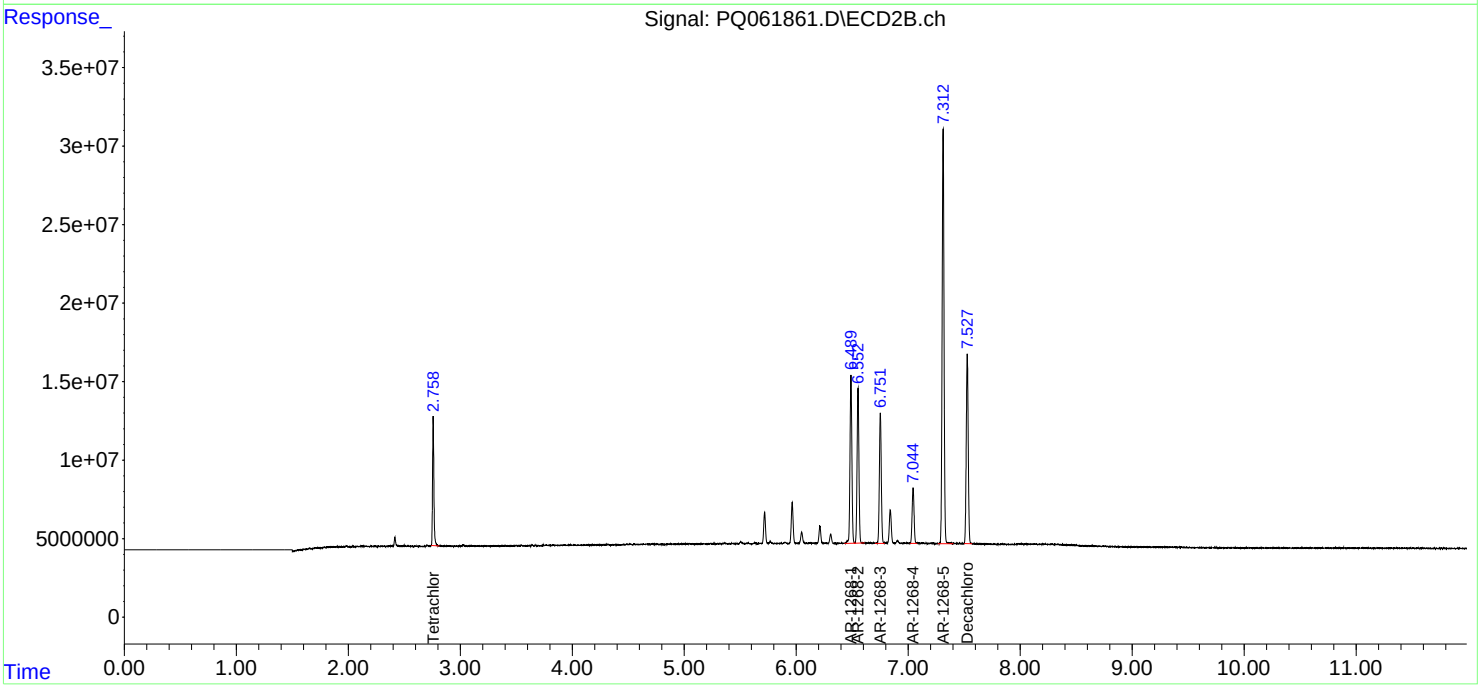
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061861.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 09:24
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 62 Sample Multiplier: 1

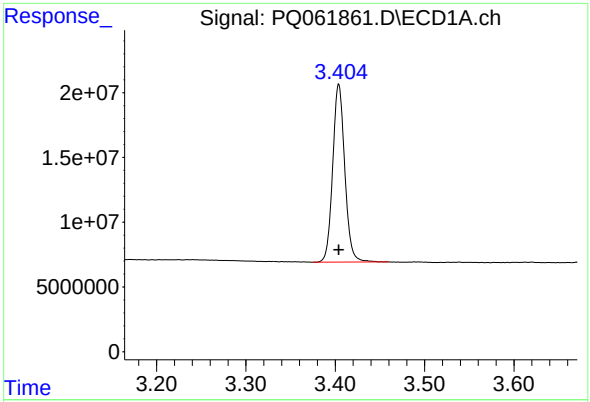
Instrument :
ECD_Q
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 14:30:14 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 14:15:41 2023
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



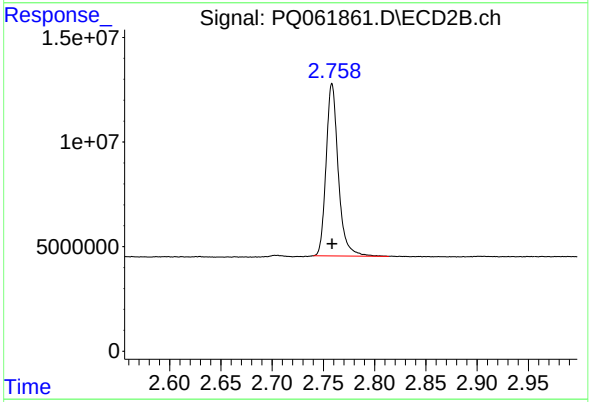




#1 Tetrachloro-m-xylene

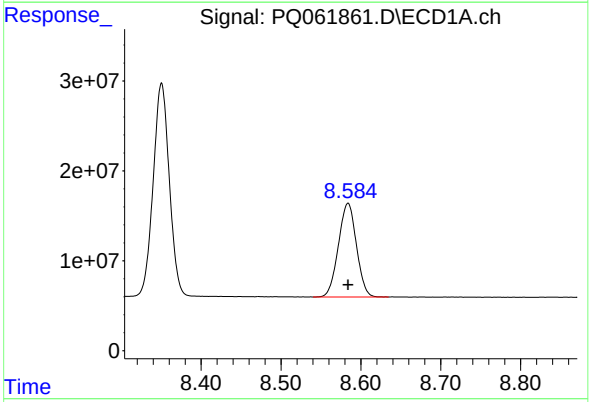
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 128868850
Conc: 26.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC250



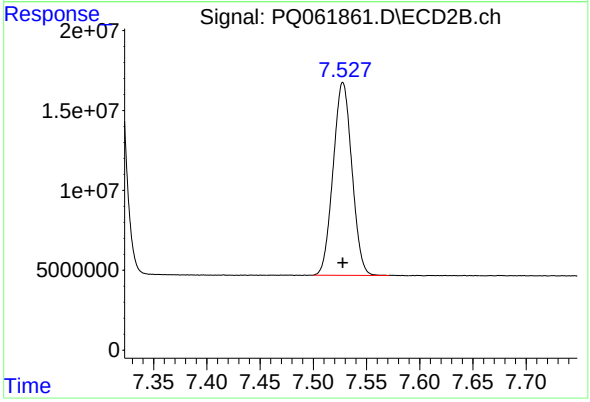
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 68132858
Conc: 26.47 ng/ml



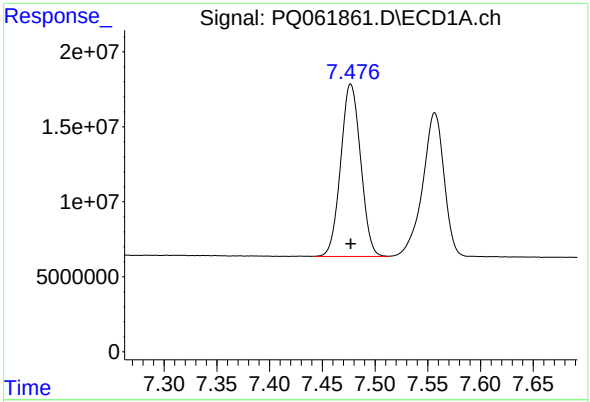
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 163224300
Conc: 26.67 ng/ml



#2 Decachlorobiphenyl

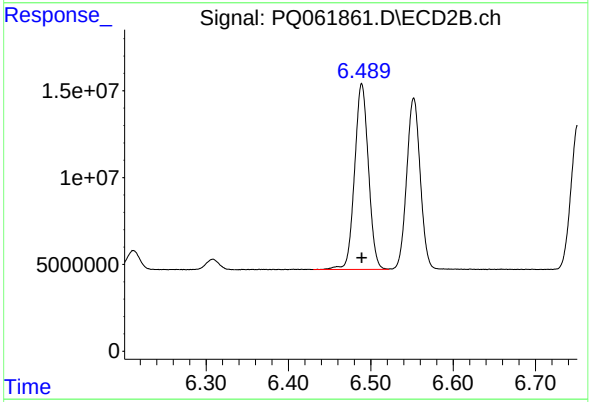
R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 148348639
Conc: 26.75 ng/ml



#41 AR-1268-1

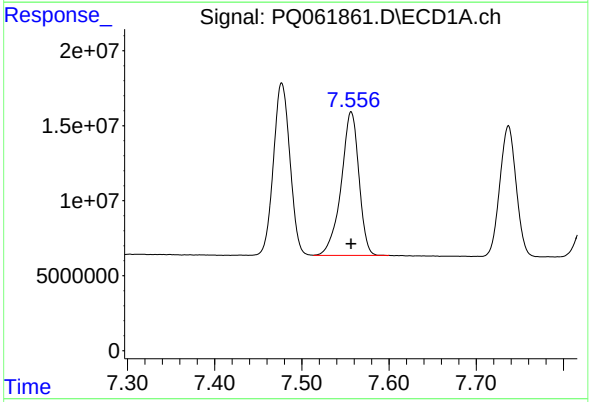
R.T.: 7.477 min
Delta R.T.: 0.000 min
Response: 151048635
Conc: 265.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC250



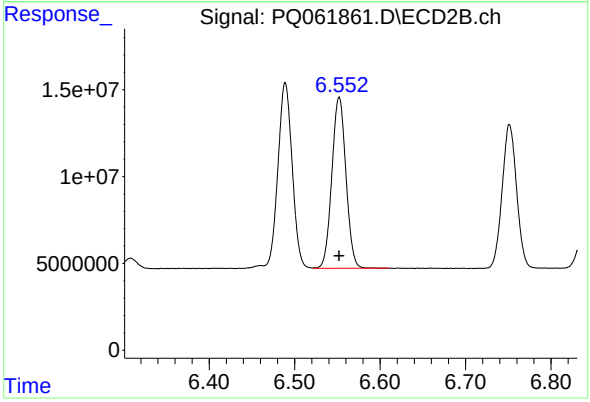
#41 AR-1268-1

R.T.: 6.489 min
Delta R.T.: 0.000 min
Response: 124908909
Conc: 265.20 ng/ml



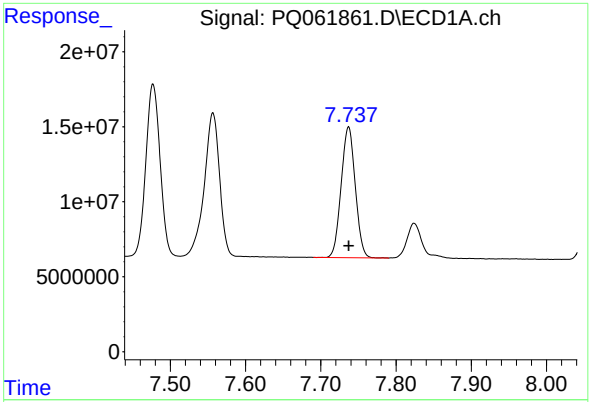
#42 AR-1268-2

R.T.: 7.557 min
Delta R.T.: 0.000 min
Response: 135397921
Conc: 263.44 ng/ml



#42 AR-1268-2

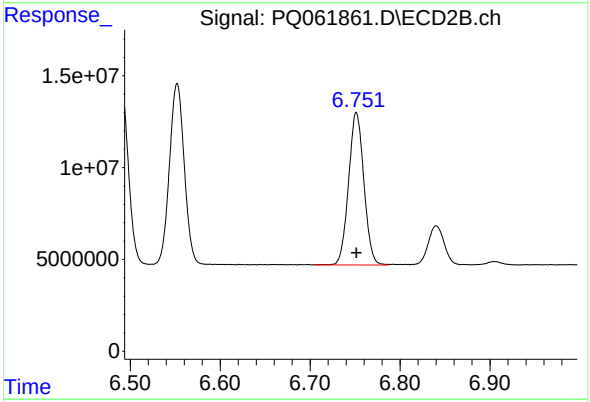
R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 112616237
Conc: 263.69 ng/ml



#43 AR-1268-3

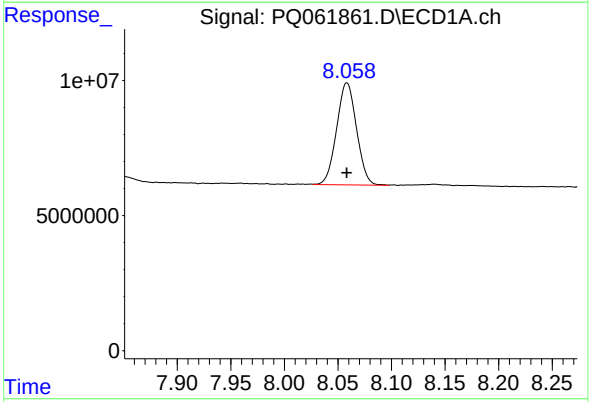
R.T.: 7.737 min
Delta R.T.: 0.000 min
Response: 113626619
Conc: 264.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC250



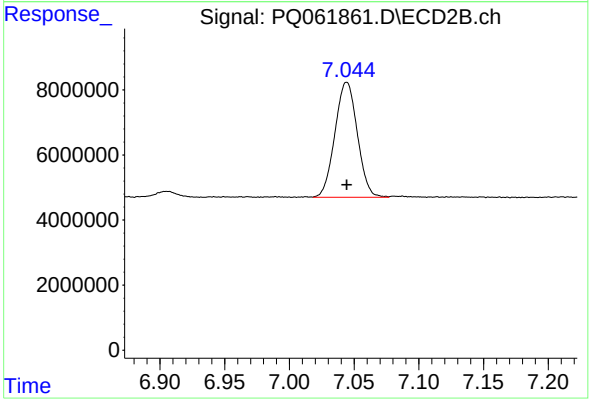
#43 AR-1268-3

R.T.: 6.751 min
Delta R.T.: 0.000 min
Response: 98090136
Conc: 265.03 ng/ml



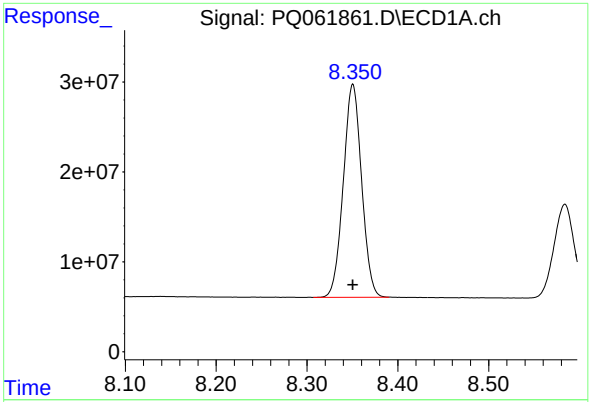
#44 AR-1268-4

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 48838203
Conc: 265.48 ng/ml



#44 AR-1268-4

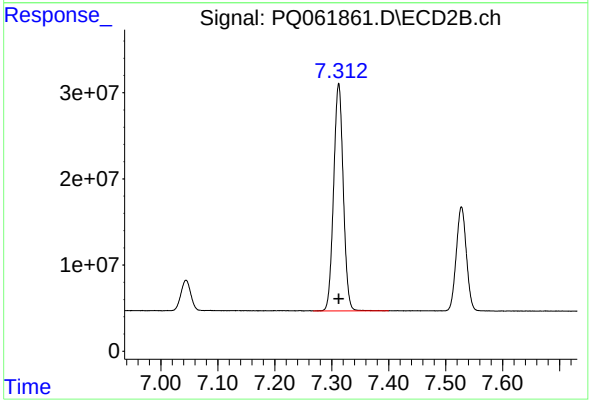
R.T.: 7.044 min
Delta R.T.: 0.000 min
Response: 42698479
Conc: 266.10 ng/ml



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: 0.000 min
Response: 331855986
Conc: 260.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC250



#45 AR-1268-5

R.T.: 7.312 min
Delta R.T.: 0.000 min
Response: 310361108
Conc: 263.18 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061862.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 09:39
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 14:32:09 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 14:15:41 2023
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...	3.404	2.759	22872803	11669832	4.730	4.619
2)	SA Decachlor...	8.583	7.527	30111742	27668285	4.936	4.991
	Target Compounds						
41)	L9 AR-1268-1	7.477	6.490	27941221	23435049	49.237	49.805
42)	L9 AR-1268-2	7.556	6.552	24675608	20508400	48.396	48.403
43)	L9 AR-1268-3	7.737	6.751	20674750	18058189	48.444	49.029
44)	L9 AR-1268-4	8.057	7.044	8953316	7891846	48.929	49.344
45)	L9 AR-1268-5	8.350	7.311	60294799	55886197	47.824	47.891

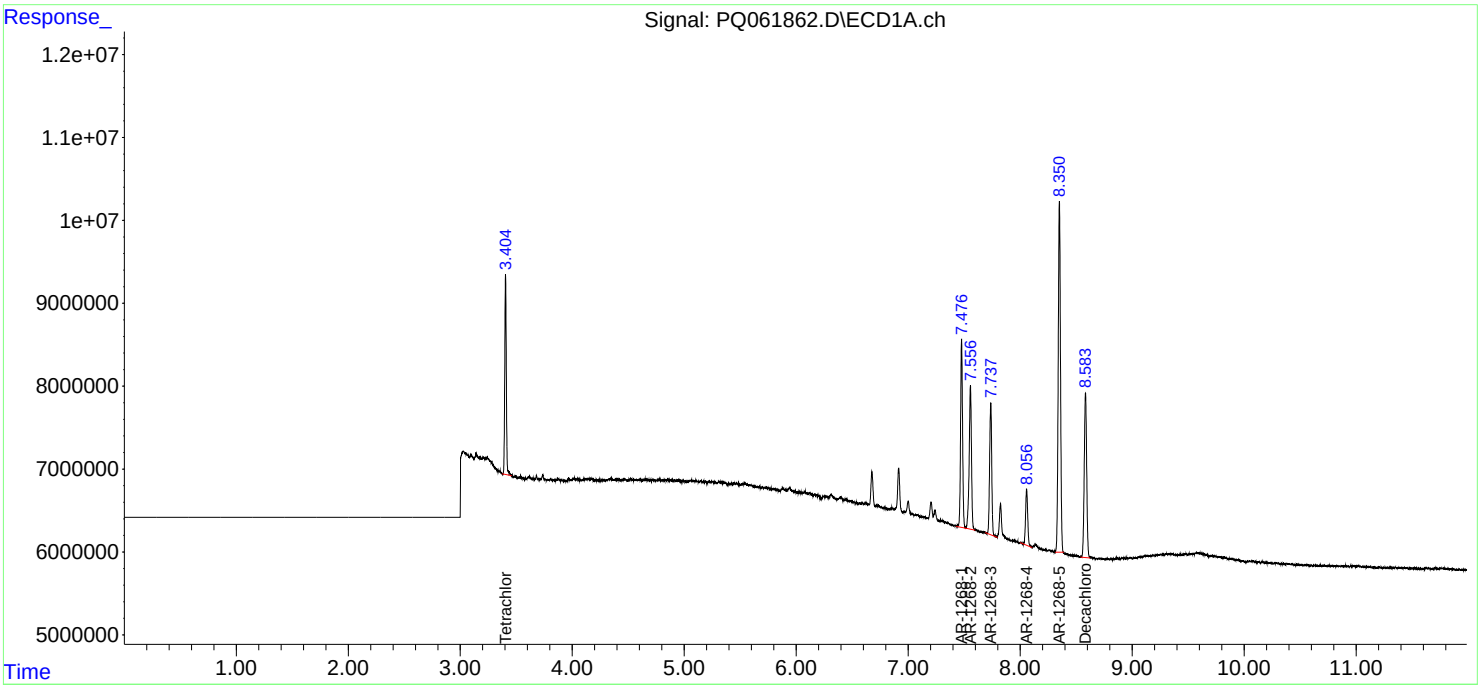
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

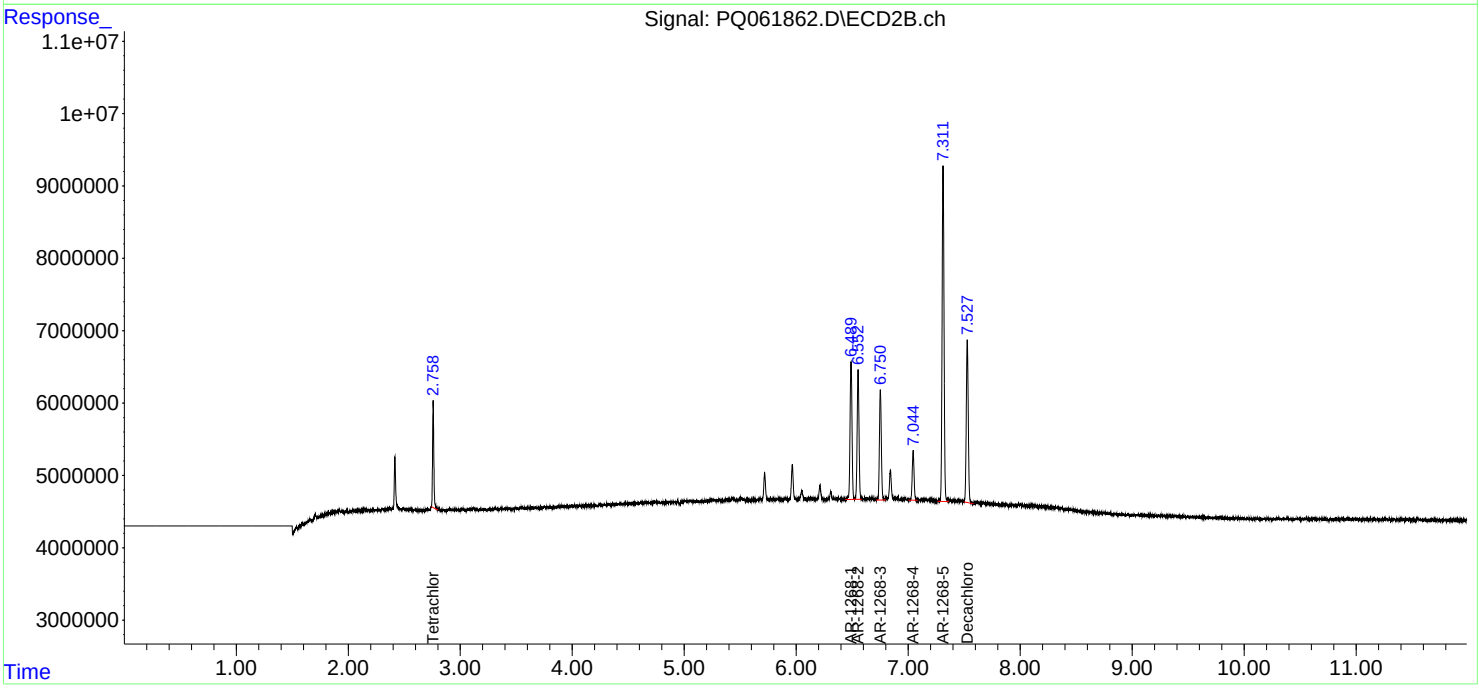
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061862.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 09:39
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 63 Sample Multiplier: 1

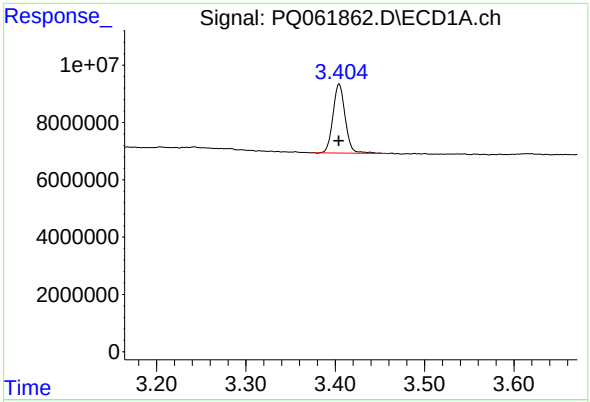
Instrument :
ECD_Q
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 14:32:09 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 14:15:41 2023
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



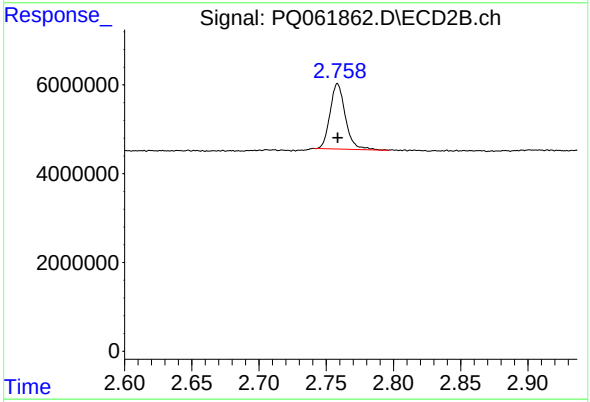




#1 Tetrachloro-m-xylene

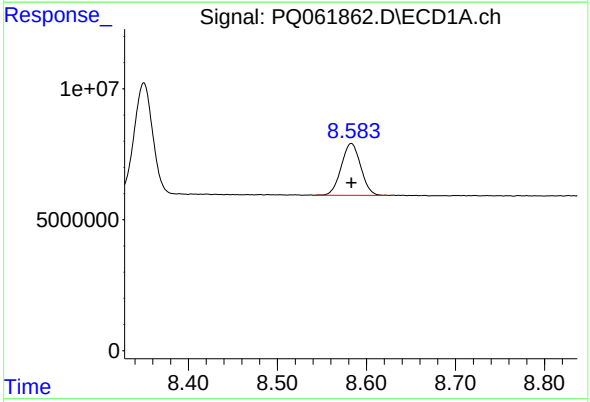
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 22872803
Conc: 4.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC050



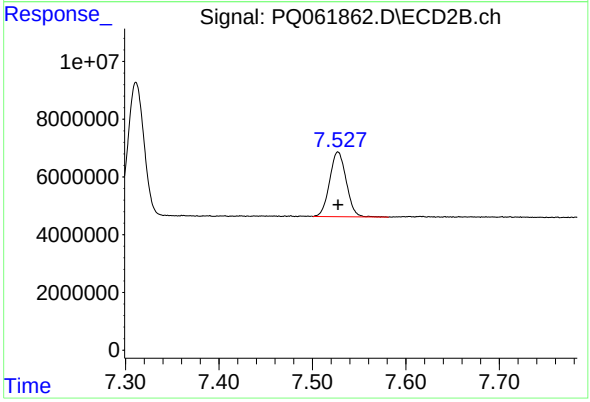
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 11669832
Conc: 4.62 ng/ml



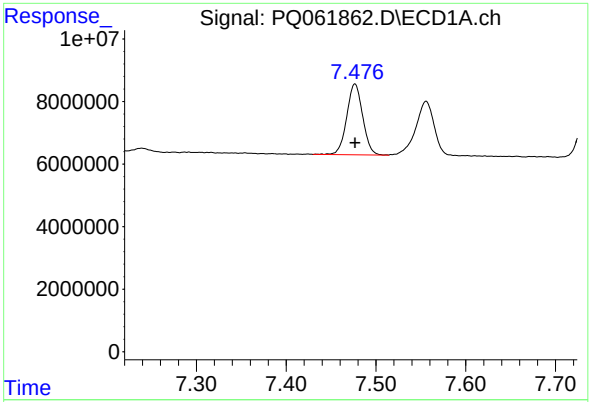
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 30111742
Conc: 4.94 ng/ml



#2 Decachlorobiphenyl

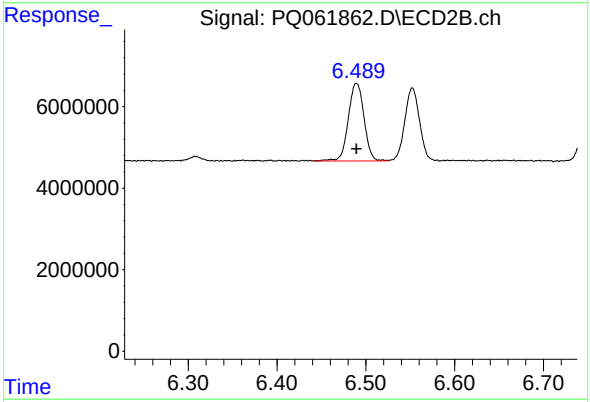
R.T.: 7.527 min
Delta R.T.: 0.000 min
Response: 27668285
Conc: 4.99 ng/ml



#41 AR-1268-1

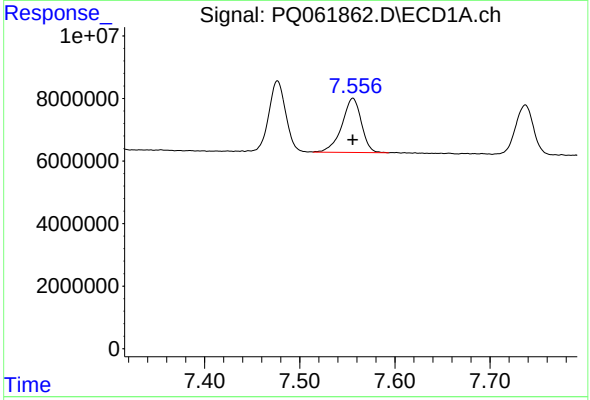
R.T.: 7.477 min
Delta R.T.: 0.000 min
Response: 27941221
Conc: 49.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC050



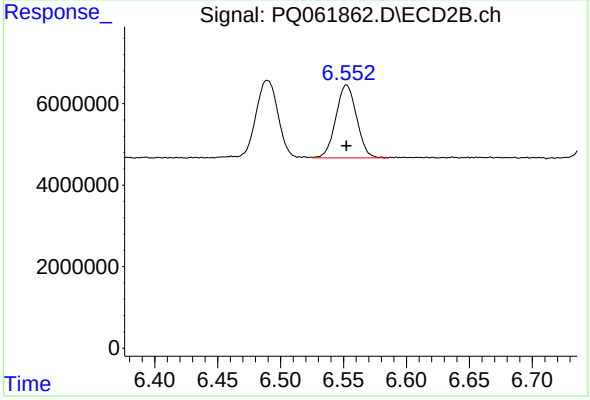
#41 AR-1268-1

R.T.: 6.490 min
Delta R.T.: 0.000 min
Response: 23435049
Conc: 49.80 ng/ml



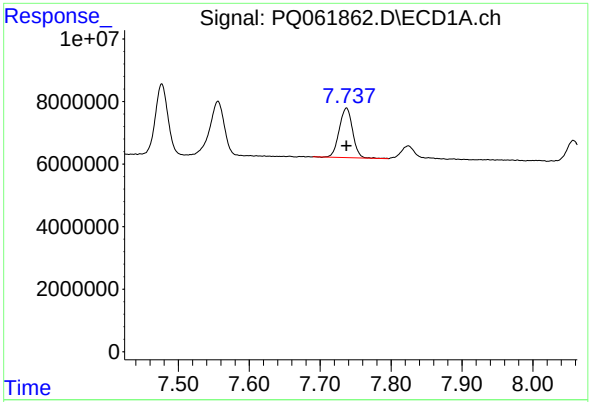
#42 AR-1268-2

R.T.: 7.556 min
Delta R.T.: 0.000 min
Response: 24675608
Conc: 48.40 ng/ml



#42 AR-1268-2

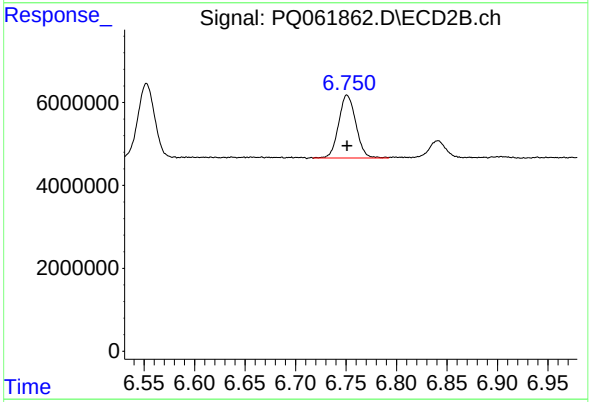
R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 20508400
Conc: 48.40 ng/ml



#43 AR-1268-3

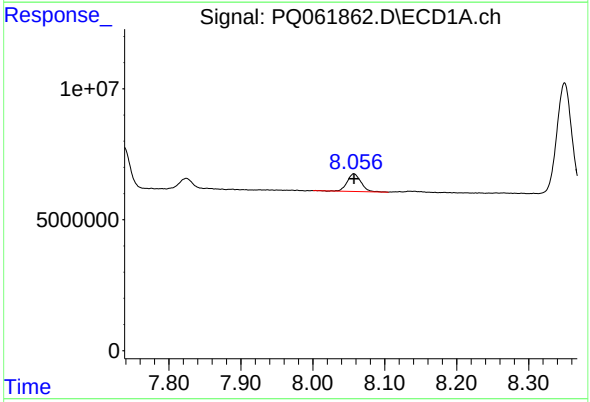
R.T.: 7.737 min
Delta R.T.: 0.000 min
Response: 20674750
Conc: 48.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC050



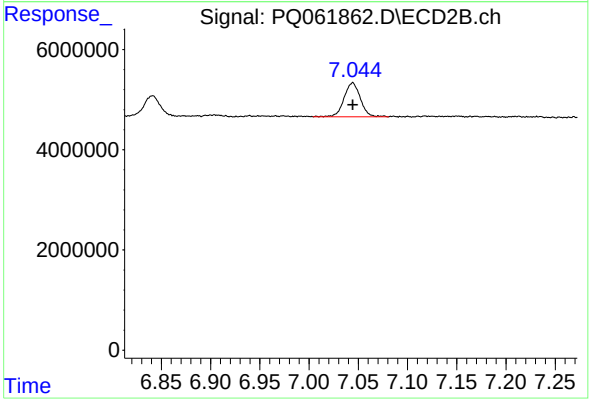
#43 AR-1268-3

R.T.: 6.751 min
Delta R.T.: 0.000 min
Response: 18058189
Conc: 49.03 ng/ml



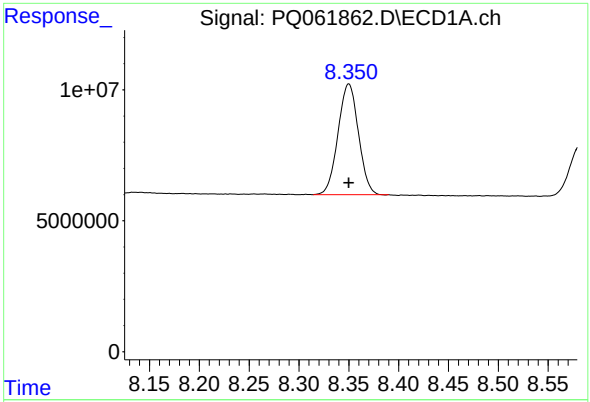
#44 AR-1268-4

R.T.: 8.057 min
Delta R.T.: 0.000 min
Response: 8953316
Conc: 48.93 ng/ml



#44 AR-1268-4

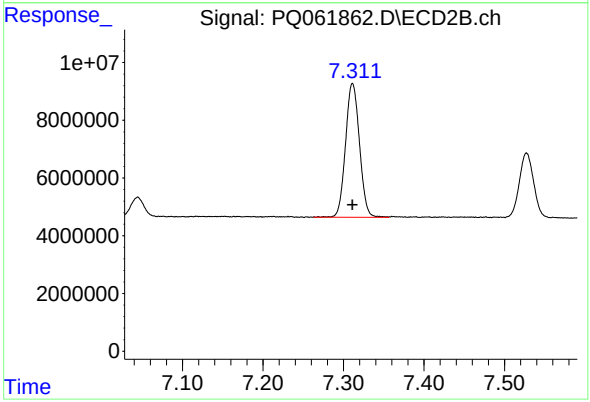
R.T.: 7.044 min
Delta R.T.: 0.000 min
Response: 7891846
Conc: 49.34 ng/ml



#45 AR-1268-5

R.T.: 8.350 min
Delta R.T.: 0.000 min
Response: 60294799
Conc: 47.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC050



#45 AR-1268-5

R.T.: 7.311 min
Delta R.T.: 0.000 min
Response: 55886197
Conc: 47.89 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061863.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 09:53
Operator : YP\AJ
Sample : PQ070123ICV500
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ICVPQ070123

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 14:44:06 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 14:41:48 2023
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...	3.404	2.758	252.2E6	129.8E6	51.710	51.749
2)	SA Decachlor...	8.583	7.528	187.6E6	171.0E6	51.639	51.309
	Target Compounds						
3)	L1 AR-1016-1	4.504	3.760	85565071	50065540	519.464	505.838
4)	L1 AR-1016-2	4.524	3.775	126.8E6	73950550	512.909	512.837
5)	L1 AR-1016-3	4.581	3.935	78049054	39094610	512.114	518.203
6)	L1 AR-1016-4	4.672	3.985	63846590	33820324	509.366	514.932
7)	L1 AR-1016-5	4.960	4.179	61684577	41211552	506.787	502.693
31)	L7 AR-1260-1	6.062	5.172	121.0E6	85670061	512.802	514.371
32)	L7 AR-1260-2	6.322	5.363	147.4E6	105.0E6	510.423	504.780
33)	L7 AR-1260-3	6.676	5.503	90954107	98811479	515.098	507.875
34)	L7 AR-1260-4	6.893	5.965	109.1E6	75530522	517.776	517.823
35)	L7 AR-1260-5	7.204	6.212	213.0E6	171.2E6	518.724	515.687

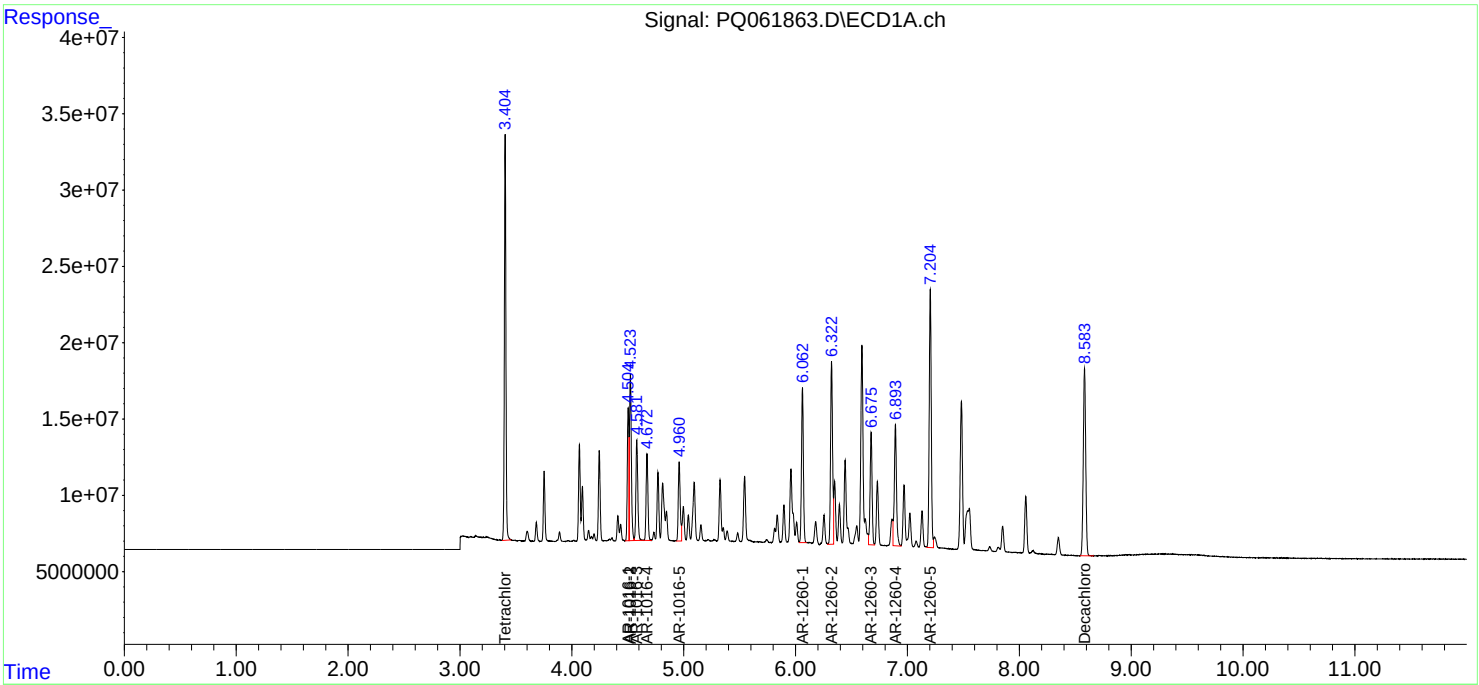
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

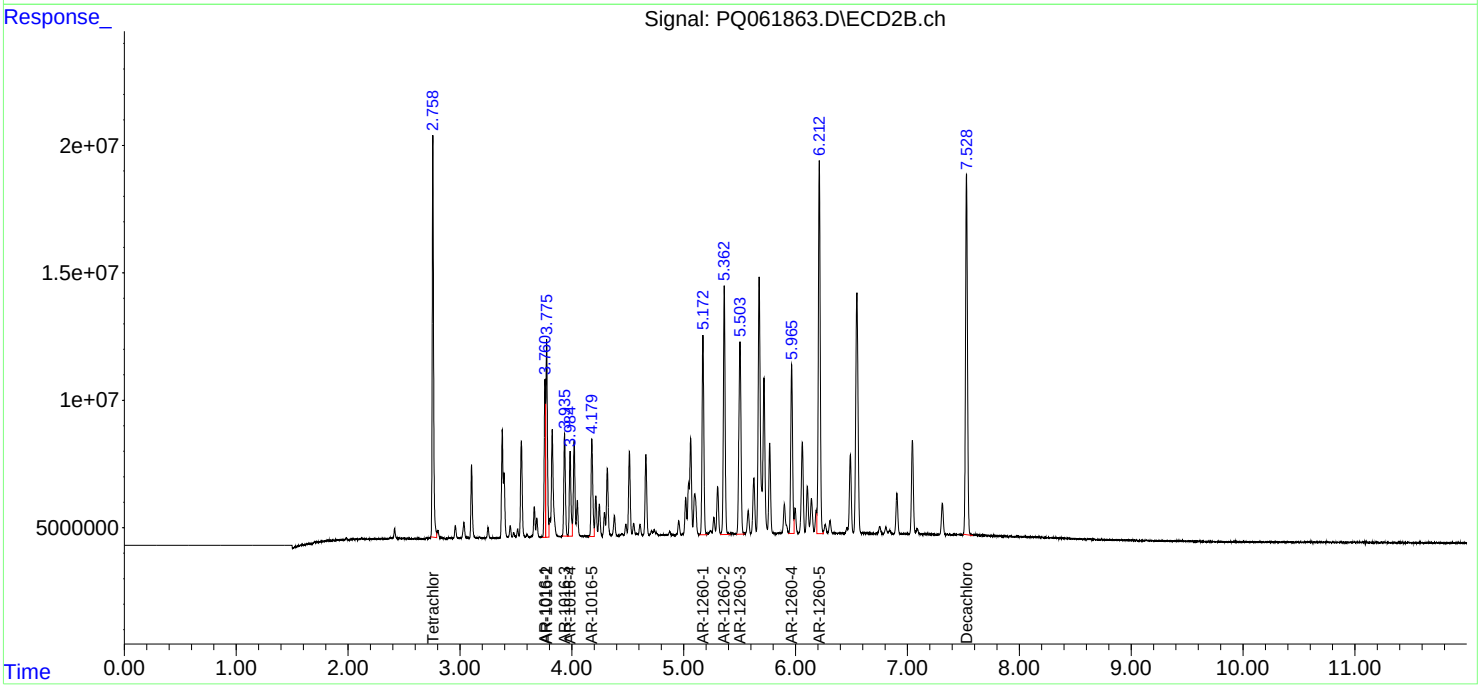
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061863.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 09:53
Operator : YP\AJ
Sample : PQ070123ICV500
Misc :
ALS Vial : 64 Sample Multiplier: 1

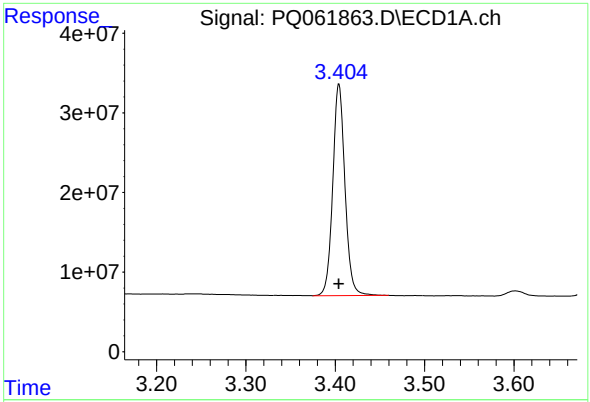
Instrument :
ECD_Q
ClientSampleId :
ICVPQ070123

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 14:44:06 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 14:41:48 2023
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



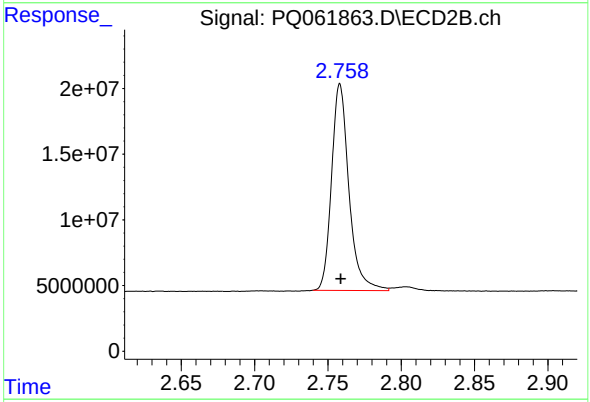




#1 Tetrachloro-m-xylene

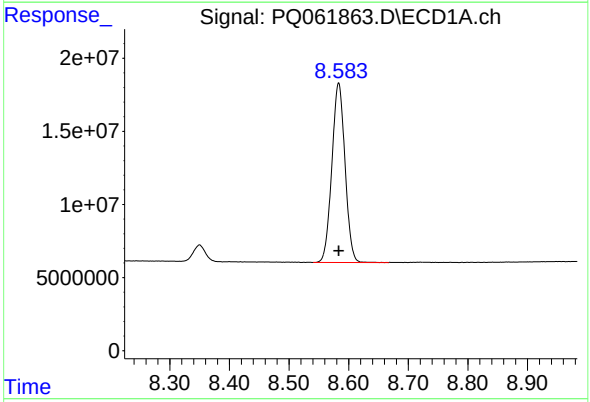
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 252249261
Conc: 51.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ070123



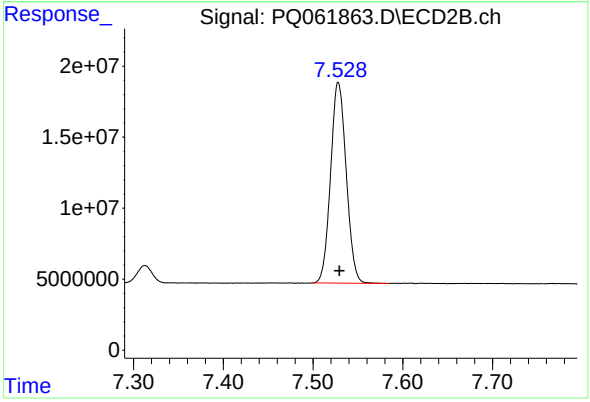
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 129844332
Conc: 51.75 ng/ml



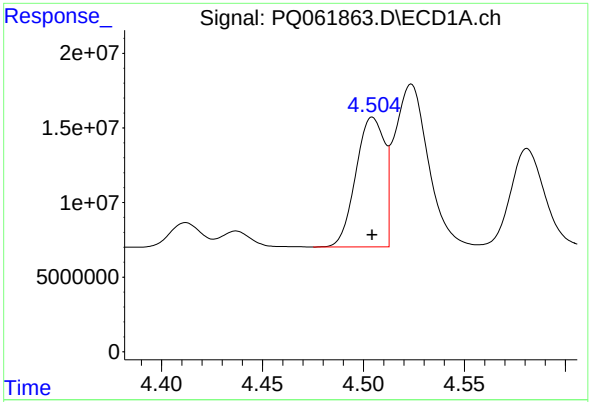
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 187591163
Conc: 51.64 ng/ml



#2 Decachlorobiphenyl

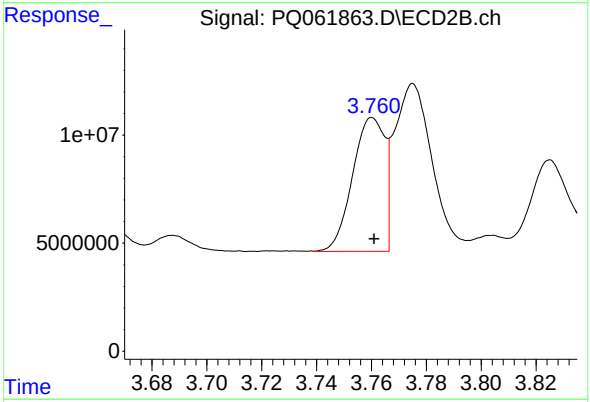
R.T.: 7.528 min
Delta R.T.: -0.001 min
Response: 170971270
Conc: 51.31 ng/ml



#3 AR-1016-1

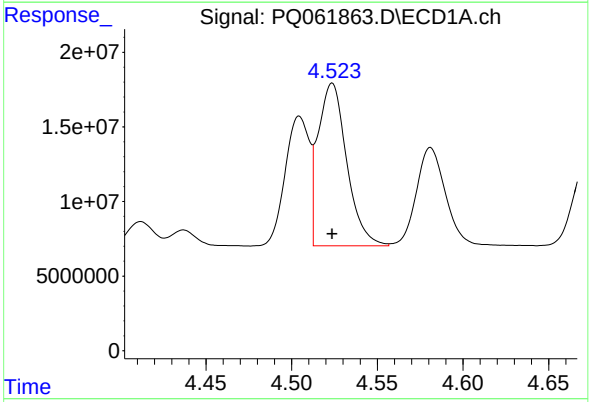
R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: 85565071
Conc: 519.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ070123



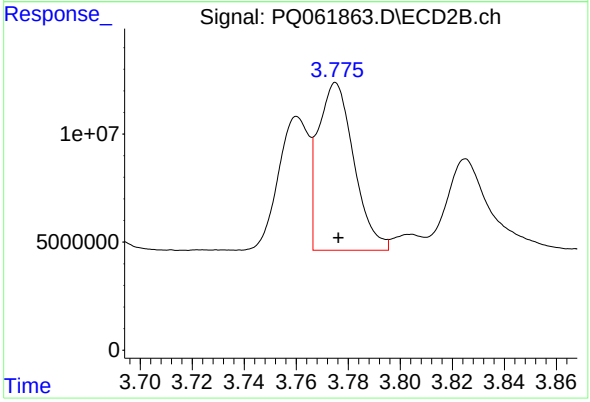
#3 AR-1016-1

R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 50065540
Conc: 505.84 ng/ml



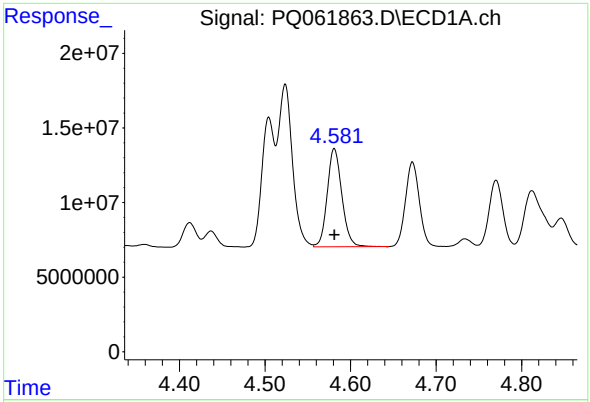
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 126826148
Conc: 512.91 ng/ml



#4 AR-1016-2

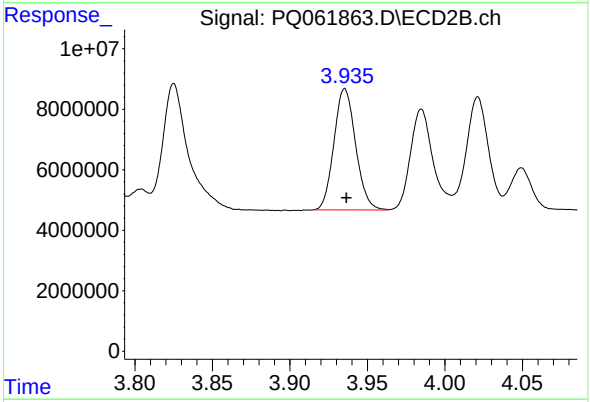
R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 73950550
Conc: 512.84 ng/ml



#5 AR-1016-3

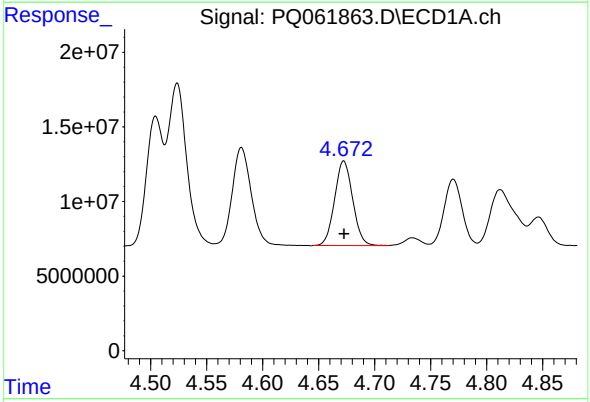
R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 78049054
Conc: 512.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ070123



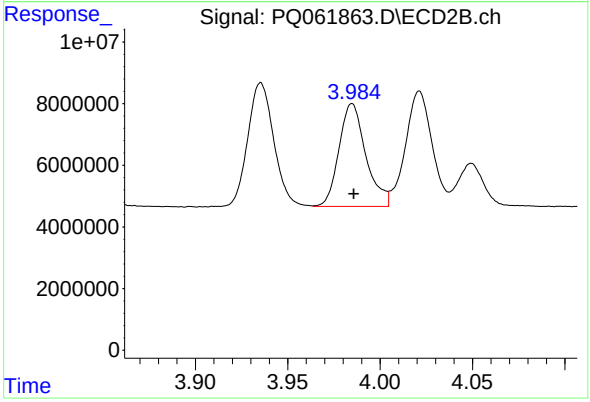
#5 AR-1016-3

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 39094610
Conc: 518.20 ng/ml



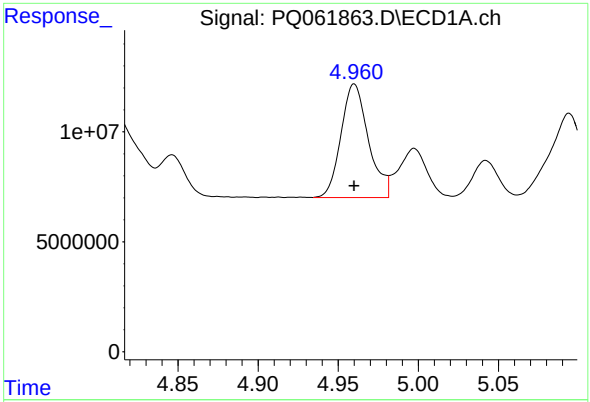
#6 AR-1016-4

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 63846590
Conc: 509.37 ng/ml



#6 AR-1016-4

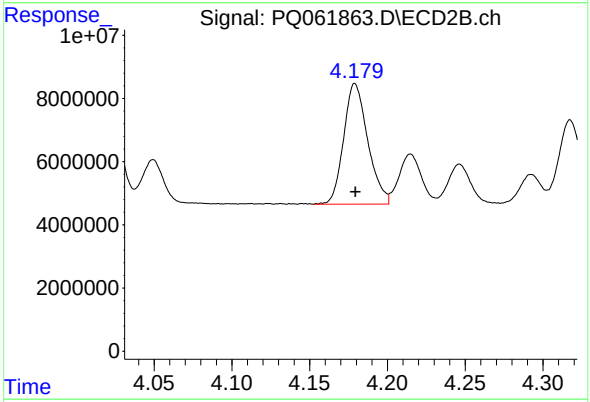
R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 33820324
Conc: 514.93 ng/ml



#7 AR-1016-5

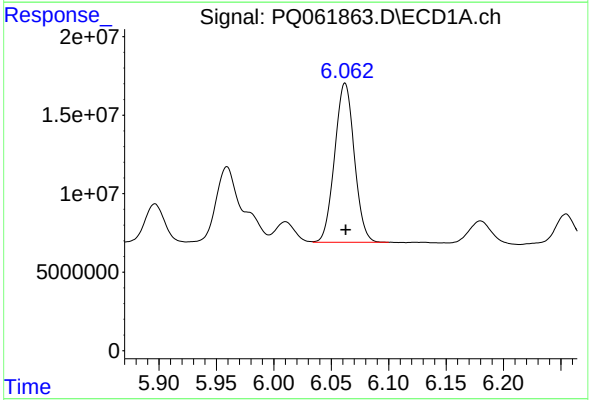
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 61684577
Conc: 506.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ070123



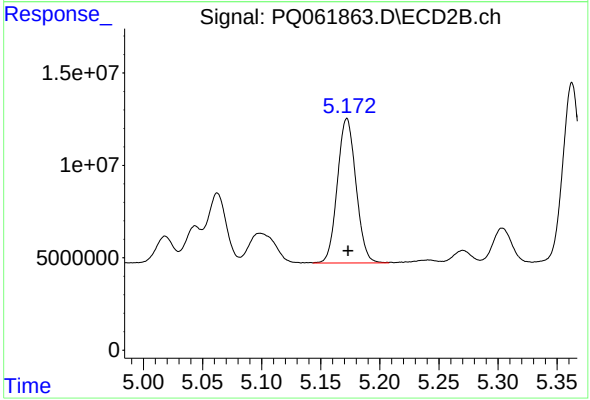
#7 AR-1016-5

R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 41211552
Conc: 502.69 ng/ml



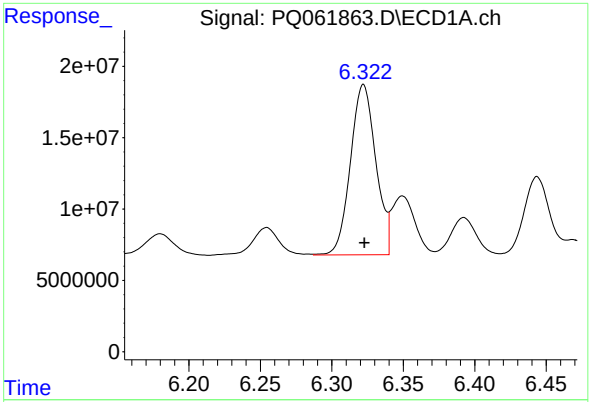
#31 AR-1260-1

R.T.: 6.062 min
Delta R.T.: 0.000 min
Response: 120986177
Conc: 512.80 ng/ml



#31 AR-1260-1

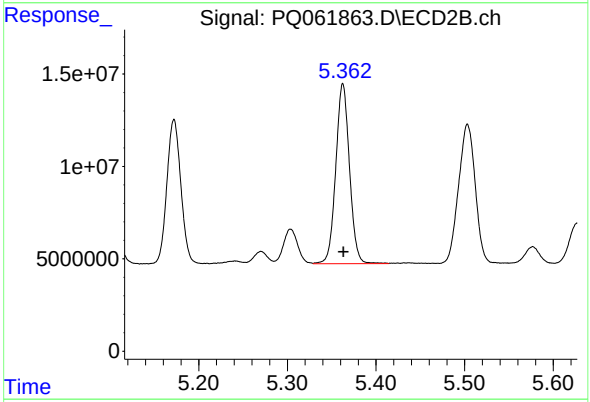
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 85670061
Conc: 514.37 ng/ml



#32 AR-1260-2

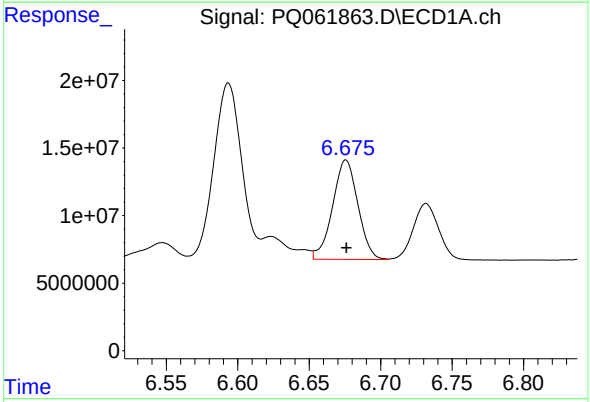
R.T.: 6.322 min
Delta R.T.: 0.000 min
Response: 147416409
Conc: 510.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ070123



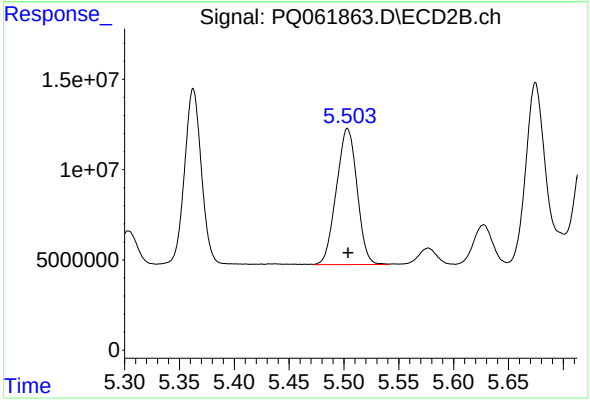
#32 AR-1260-2

R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 104967039
Conc: 504.78 ng/ml



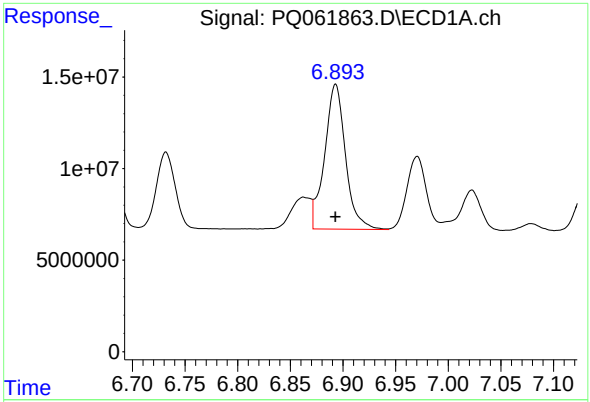
#33 AR-1260-3

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 90954107
Conc: 515.10 ng/ml



#33 AR-1260-3

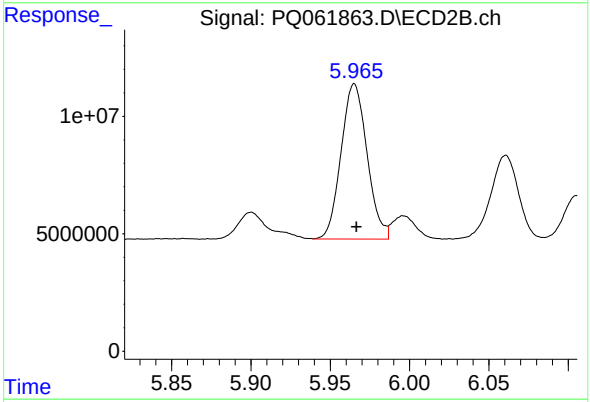
R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 98811479
Conc: 507.87 ng/ml



#34 AR-1260-4

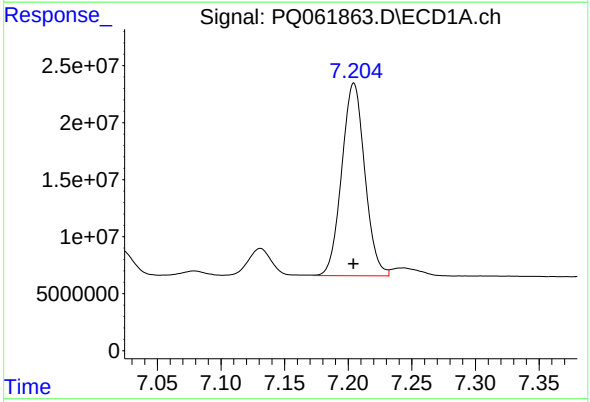
R.T.: 6.893 min
Delta R.T.: 0.000 min
Response: 109069401
Conc: 517.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ070123



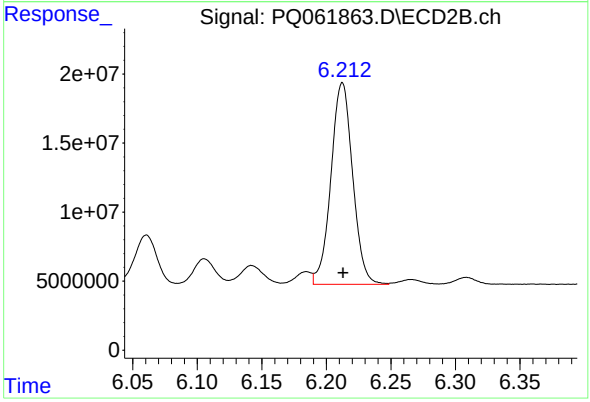
#34 AR-1260-4

R.T.: 5.965 min
Delta R.T.: -0.001 min
Response: 75530522
Conc: 517.82 ng/ml



#35 AR-1260-5

R.T.: 7.204 min
Delta R.T.: 0.000 min
Response: 212992928
Conc: 518.72 ng/ml



#35 AR-1260-5

R.T.: 6.212 min
Delta R.T.: 0.000 min
Response: 171238385
Conc: 515.69 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061864.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 10:08
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ICVPQ070123AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 14:44:40 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 14:41:48 2023
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...	3.404	2.759	269.5E6	138.7E6	55.245	55.265
2)	SA Decachlor...	8.583	7.528	194.3E6	175.8E6	53.481	52.745
	Target Compounds						
16)	L4 AR-1242-1	4.504	3.760	68545592	41470373	524.433	536.215
17)	L4 AR-1242-2	4.523	3.775	101.9E6	58514365	525.135	526.404
18)	L4 AR-1242-3	4.581	3.935	63048810	31492882	521.737	537.641
19)	L4 AR-1242-4	4.672	4.021	51375208	30836631	527.002	525.969
20)	L4 AR-1242-5	5.388	4.516	52528285	43505947	548.713	524.847

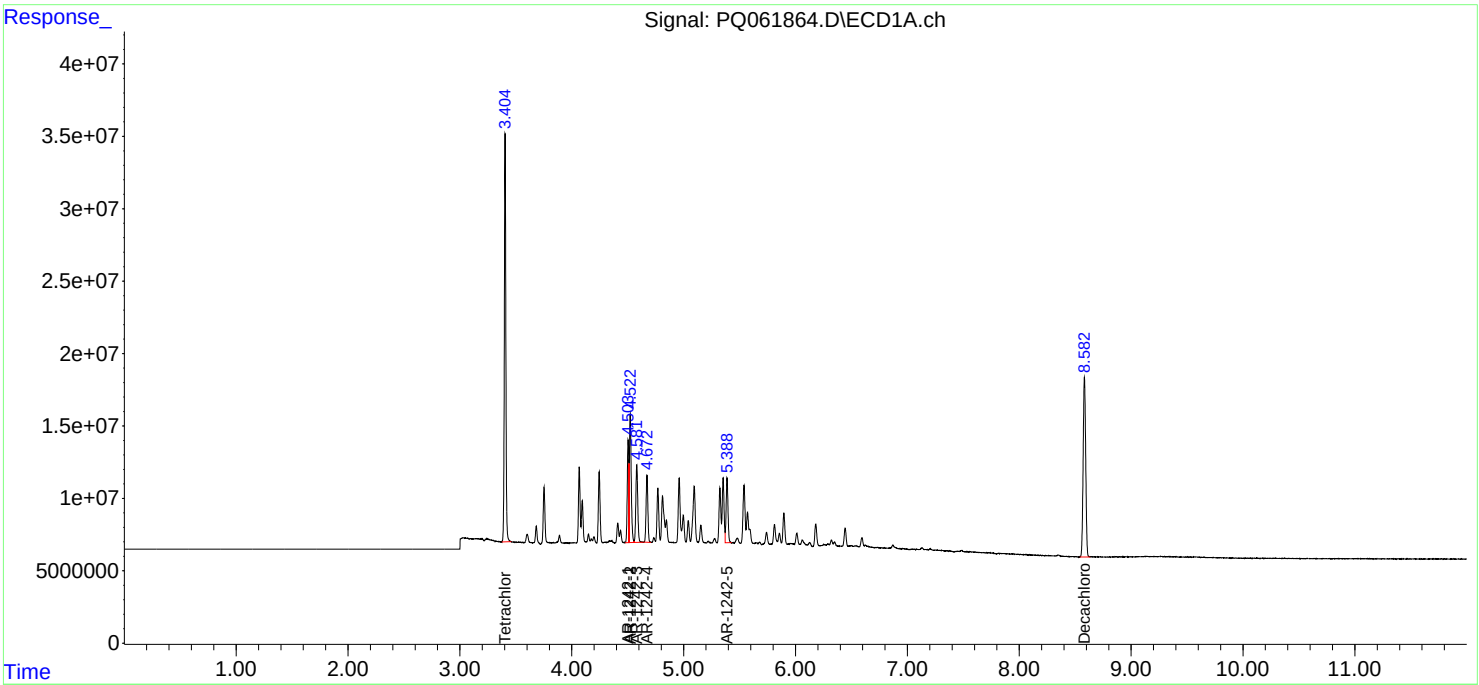
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

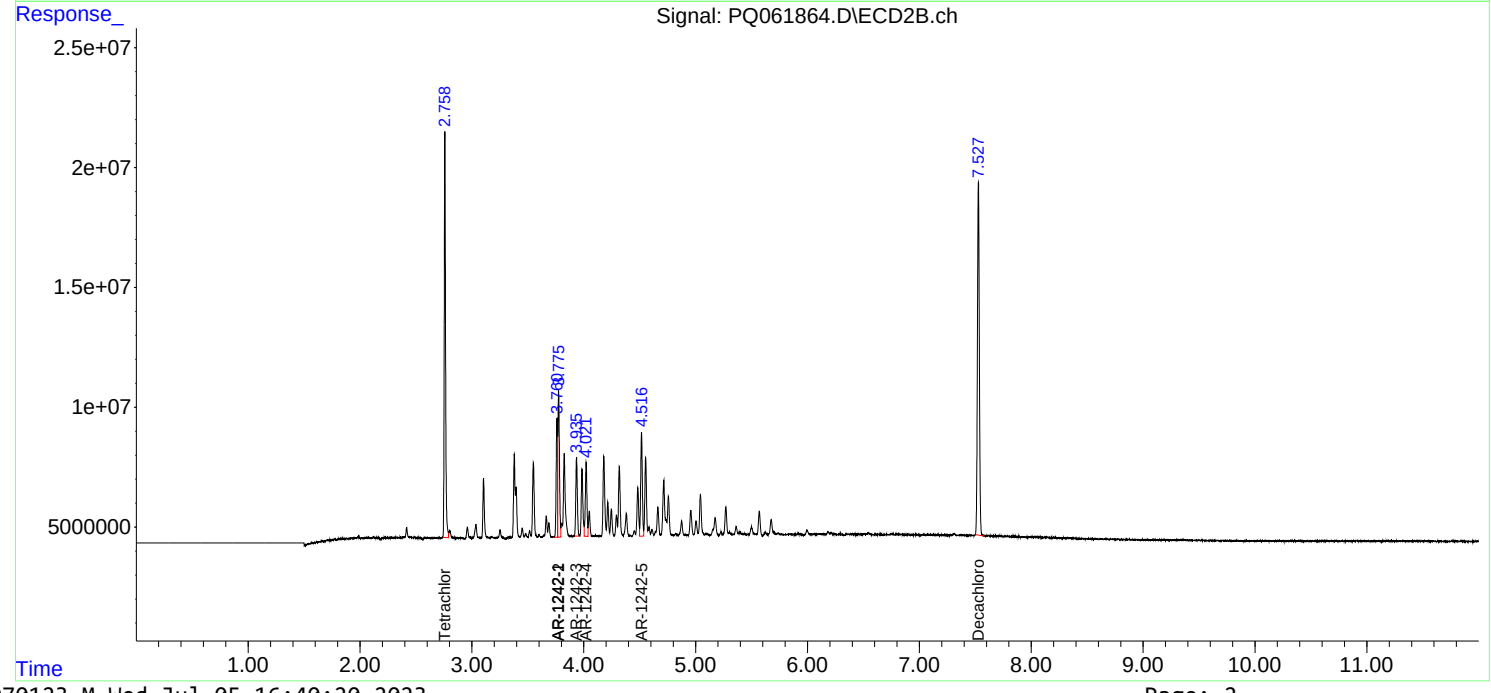
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061864.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 10:08
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 65 Sample Multiplier: 1

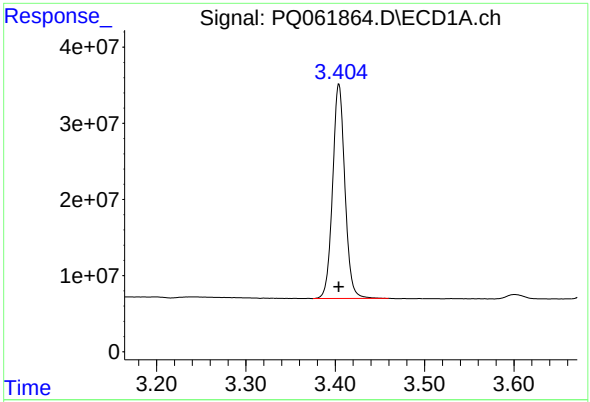
Instrument :
ECD_Q
ClientSampleId :
ICVPQ070123AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 14:44:40 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 14:41:48 2023
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



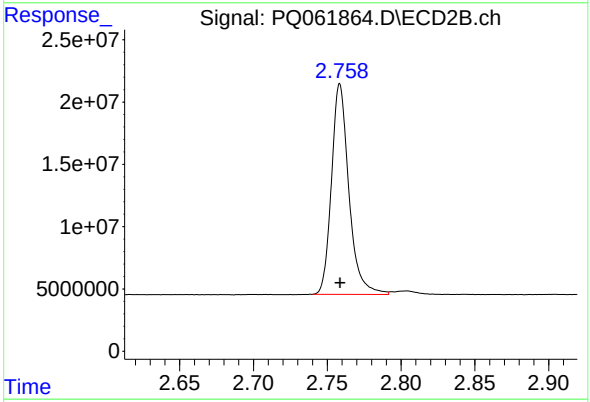




#1 Tetrachloro-m-xylene

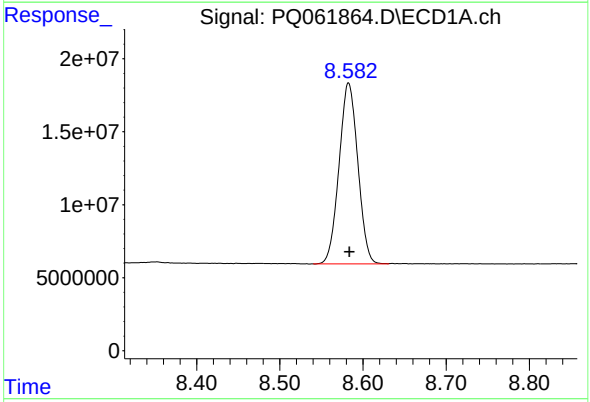
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 269495363
Conc: 55.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ070123AR1242



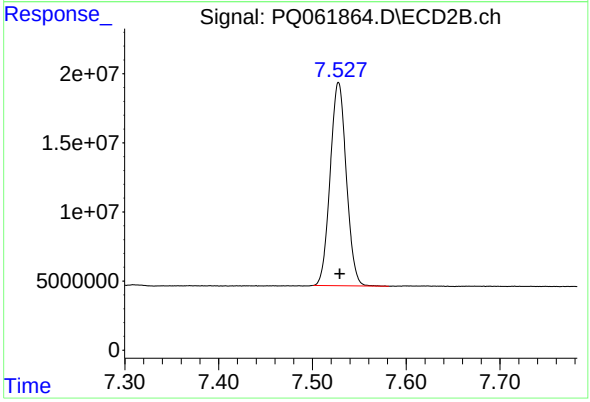
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 138666971
Conc: 55.27 ng/ml



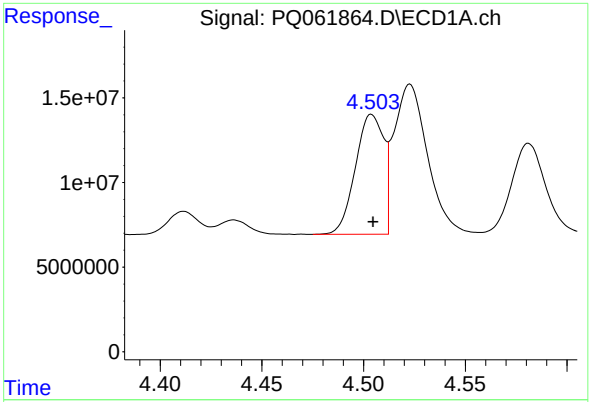
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: -0.001 min
Response: 194281868
Conc: 53.48 ng/ml



#2 Decachlorobiphenyl

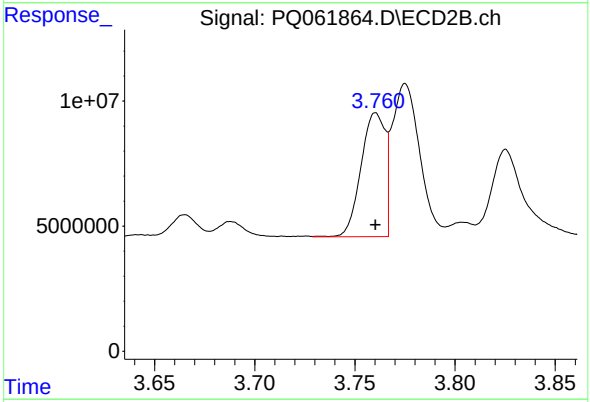
R.T.: 7.528 min
Delta R.T.: -0.001 min
Response: 175756703
Conc: 52.75 ng/ml



#16 AR-1242-1

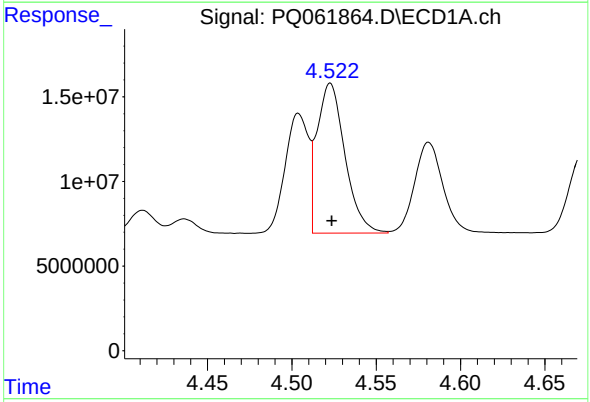
R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: 68545592
Conc: 524.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ070123AR1242



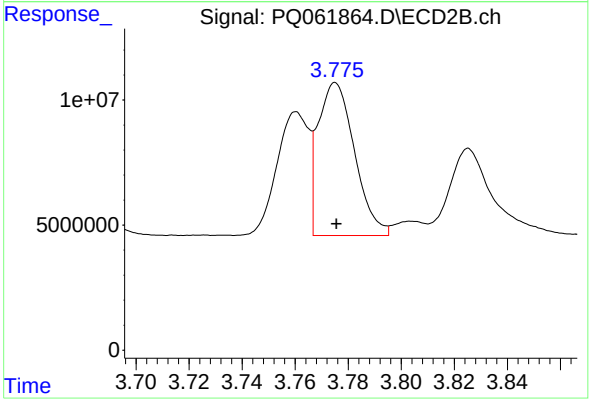
#16 AR-1242-1

R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 41470373
Conc: 536.22 ng/ml



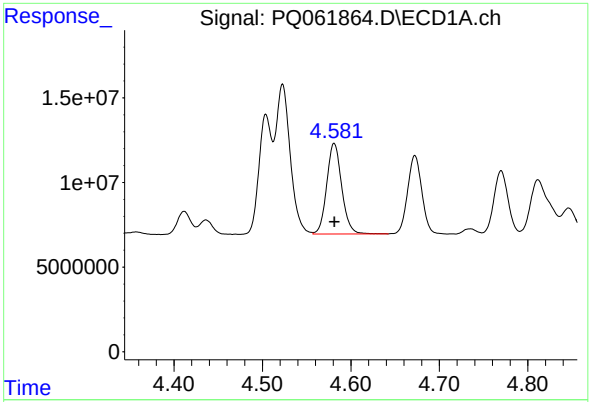
#17 AR-1242-2

R.T.: 4.523 min
Delta R.T.: 0.000 min
Response: 101948898
Conc: 525.14 ng/ml



#17 AR-1242-2

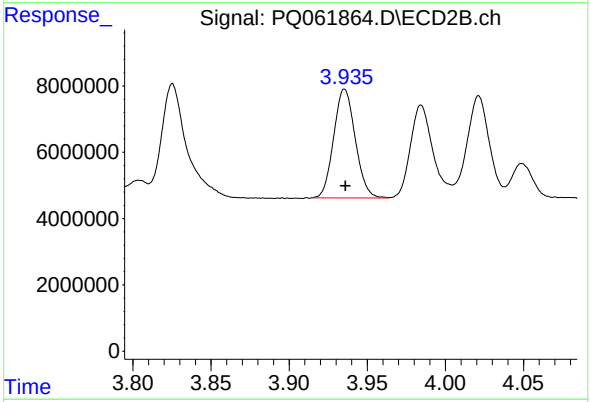
R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 58514365
Conc: 526.40 ng/ml



#18 AR-1242-3

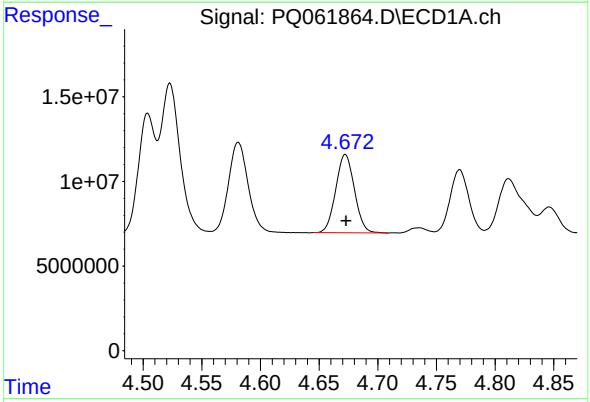
R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 63048810
Conc: 521.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ070123AR1242



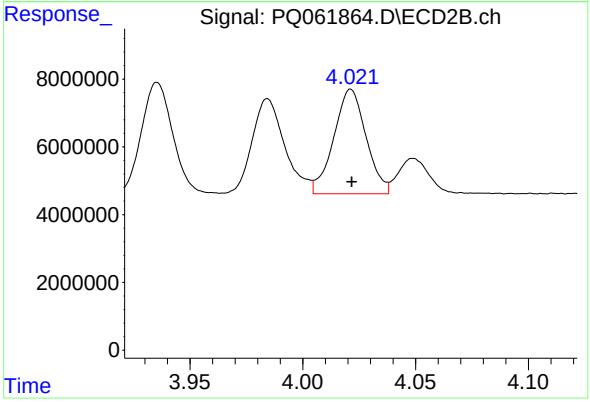
#18 AR-1242-3

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 31492882
Conc: 537.64 ng/ml



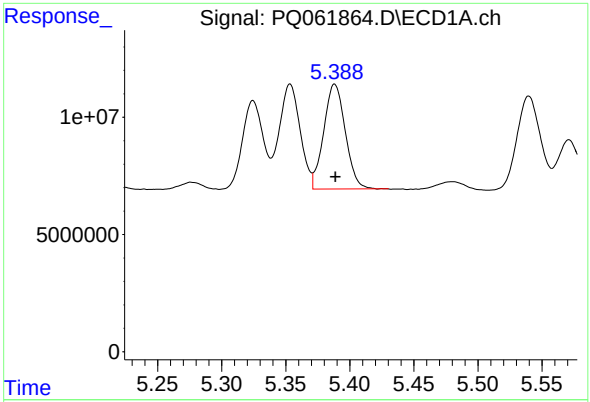
#19 AR-1242-4

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 51375208
Conc: 527.00 ng/ml



#19 AR-1242-4

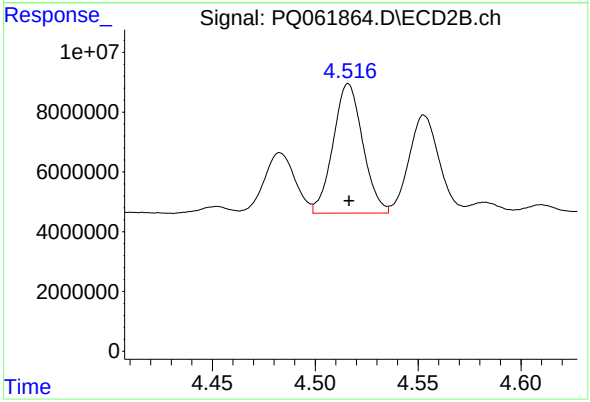
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 30836631
Conc: 525.97 ng/ml



#20 AR-1242-5

R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 52528285
Conc: 548.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ070123AR1242



#20 AR-1242-5

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 43505947
Conc: 524.85 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061865.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 10:23
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ICVPQ070123AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 12:08:29 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 08:31:40 2023
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...	3.404	2.759	272.4E6	143.1E6	53.205	53.485
2)	SA Decachlor...	8.583	7.528	197.2E6	180.6E6	51.259	52.085
	Target Compounds						
21)	L5 AR-1248-1	4.504	3.760	54815461	32561447	527.180	520.813
22)	L5 AR-1248-2	4.770	3.985	74328697	49016119	523.927	522.734
23)	L5 AR-1248-3	4.960	4.022	90136704	47079687	518.883	519.966
24)	L5 AR-1248-4	5.353	4.179	100.1E6	59280028	518.550	525.348
25)	L5 AR-1248-5	5.389	4.553	96737118	59628591	537.620	532.243

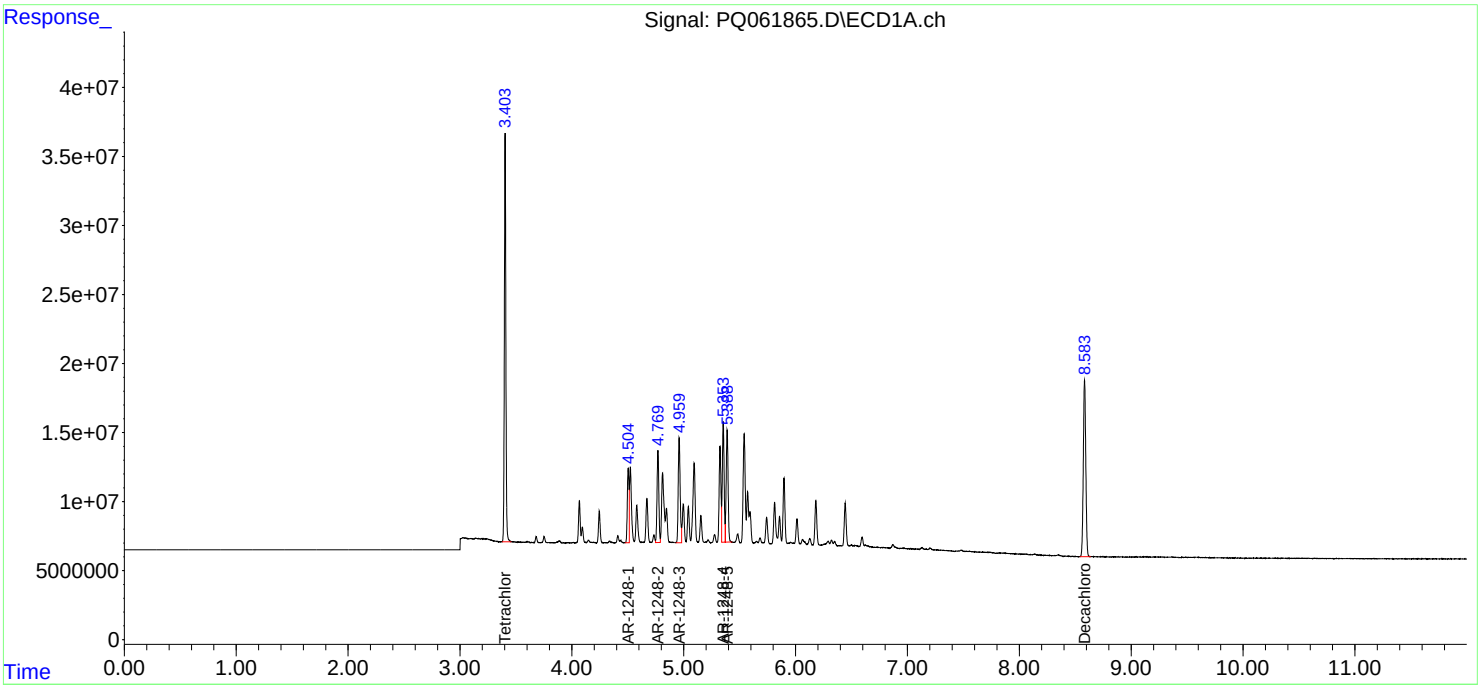
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

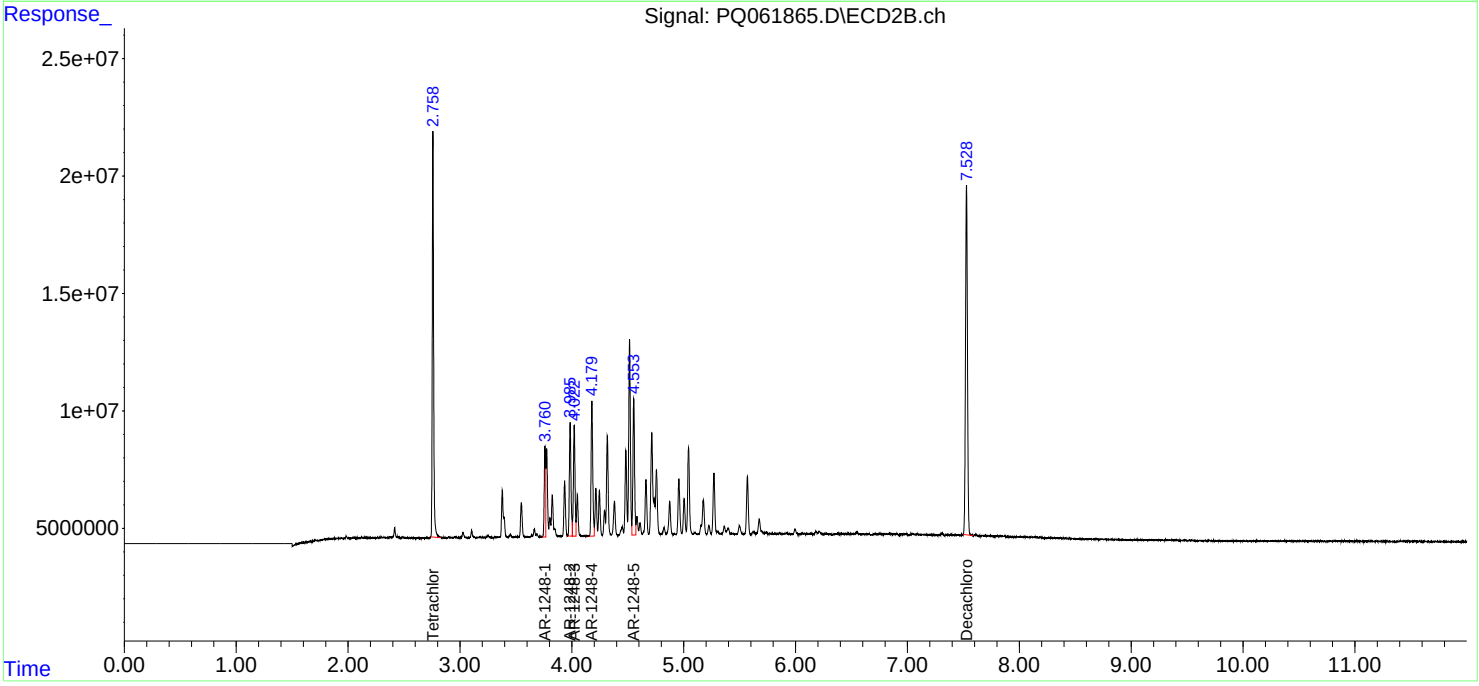
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061865.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 10:23
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 66 Sample Multiplier: 1

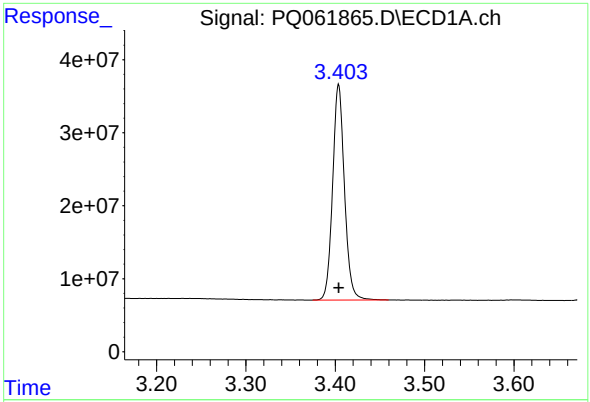
Instrument :
ECD_Q
ClientSampleId :
ICVPQ070123AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 12:08:29 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 08:31:40 2023
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



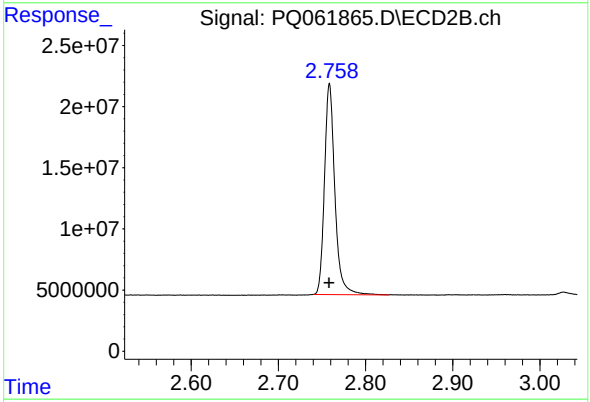




#1 Tetrachloro-m-xylene

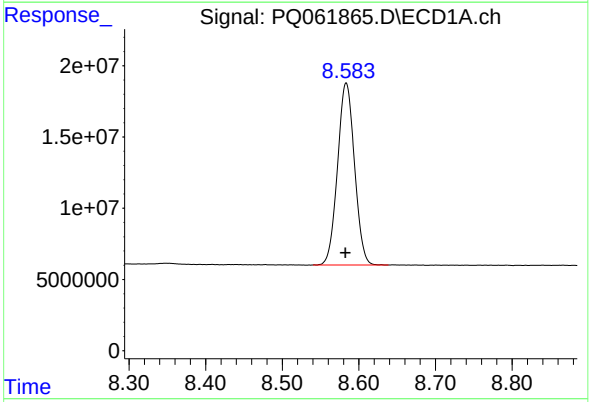
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 272373921
Conc: 53.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ070123AR1248



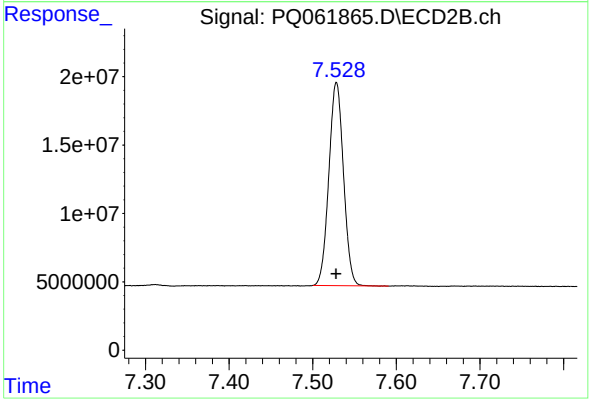
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 143107734
Conc: 53.48 ng/ml



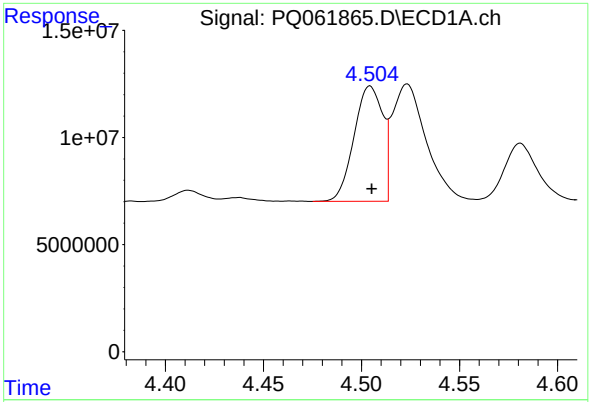
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: 0.001 min
Response: 197230231
Conc: 51.26 ng/ml



#2 Decachlorobiphenyl

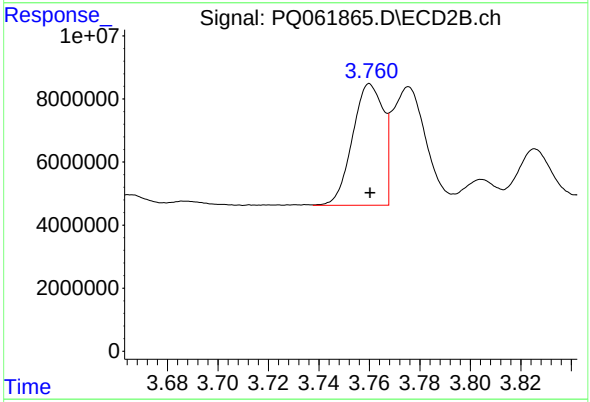
R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 180608325
Conc: 52.08 ng/ml



#21 AR-1248-1

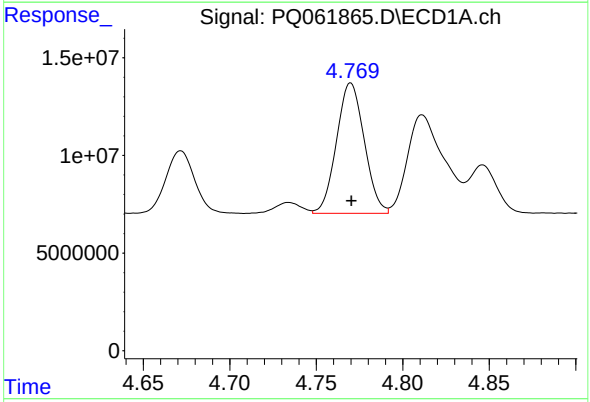
R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: 54815461
Conc: 527.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ070123AR1248



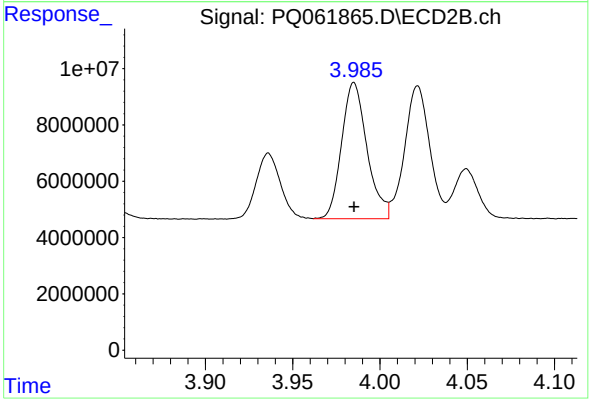
#21 AR-1248-1

R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 32561447
Conc: 520.81 ng/ml



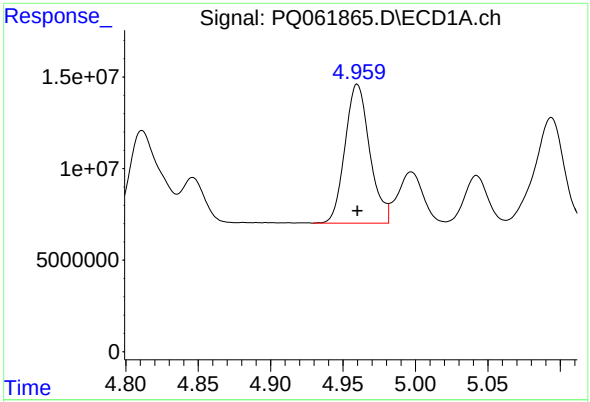
#22 AR-1248-2

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 74328697
Conc: 523.93 ng/ml



#22 AR-1248-2

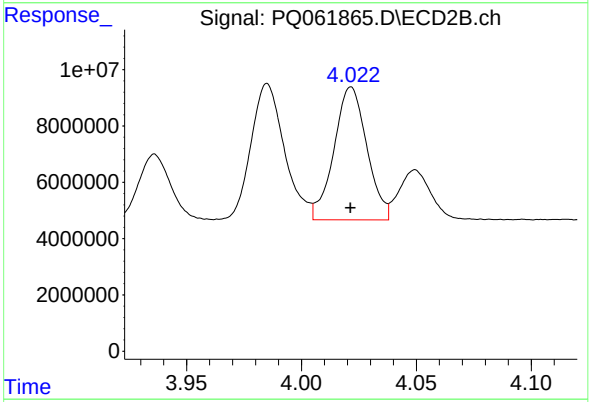
R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 49016119
Conc: 522.73 ng/ml



#23 AR-1248-3

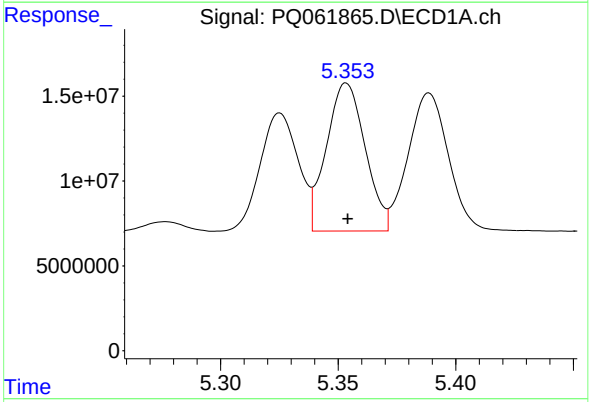
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 90136704
Conc: 518.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ070123AR1248



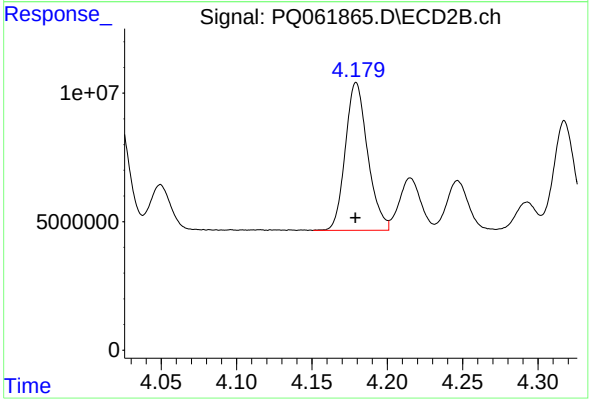
#23 AR-1248-3

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 47079687
Conc: 519.97 ng/ml



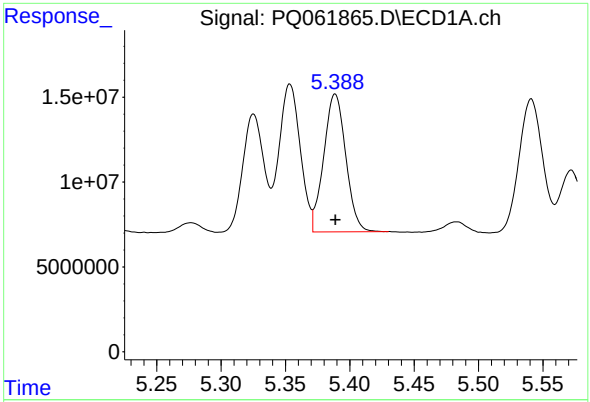
#24 AR-1248-4

R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 100081515
Conc: 518.55 ng/ml



#24 AR-1248-4

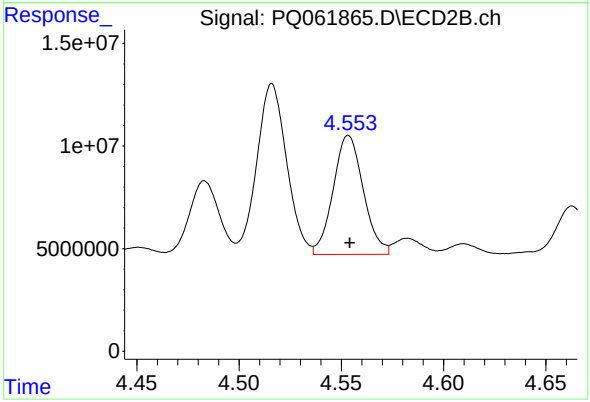
R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 59280028
Conc: 525.35 ng/ml



#25 AR-1248-5

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 96737118
Conc: 537.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ070123AR1248



#25 AR-1248-5

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 59628591
Conc: 532.24 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061866.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 10:37
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ICVPQ070123AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 14:06:57 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 14:04:07 2023
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...	3.404	2.759	263.1E6	138.8E6	52.524	52.750
2)	SA Decachlor...	8.584	7.528	190.8E6	174.4E6	51.212	51.559
	Target Compounds						
26)	L6 AR-1254-1	5.326	4.515	95419969	84825321	513.504	525.355
27)	L6 AR-1254-2	5.544	4.662	149.0E6	76724527	512.398	521.139
28)	L6 AR-1254-3	5.897	5.043	158.8E6	122.3E6	516.942	523.384
29)	L6 AR-1254-4	6.182	5.270	118.4E6	79835878	509.957	523.808
30)	L6 AR-1254-5	6.595	5.675	132.9E6	120.4E6	517.466	521.497

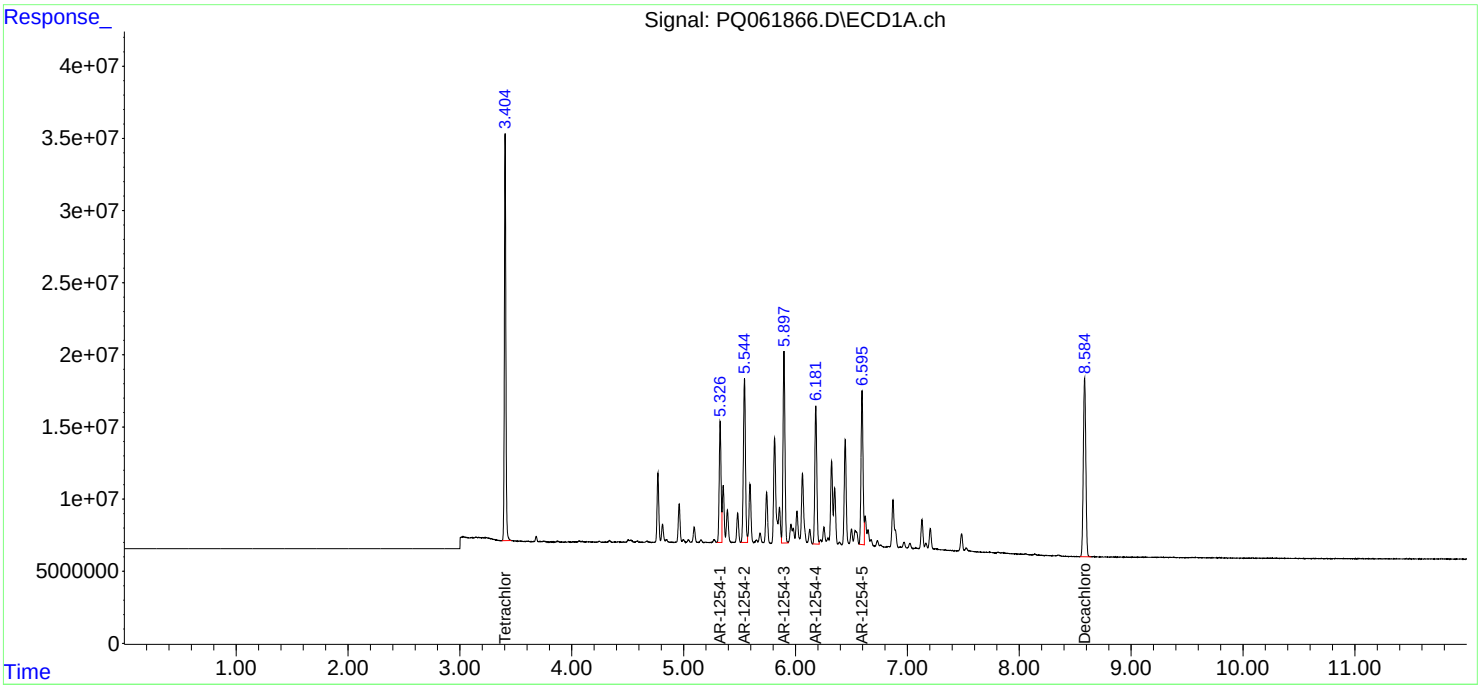
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

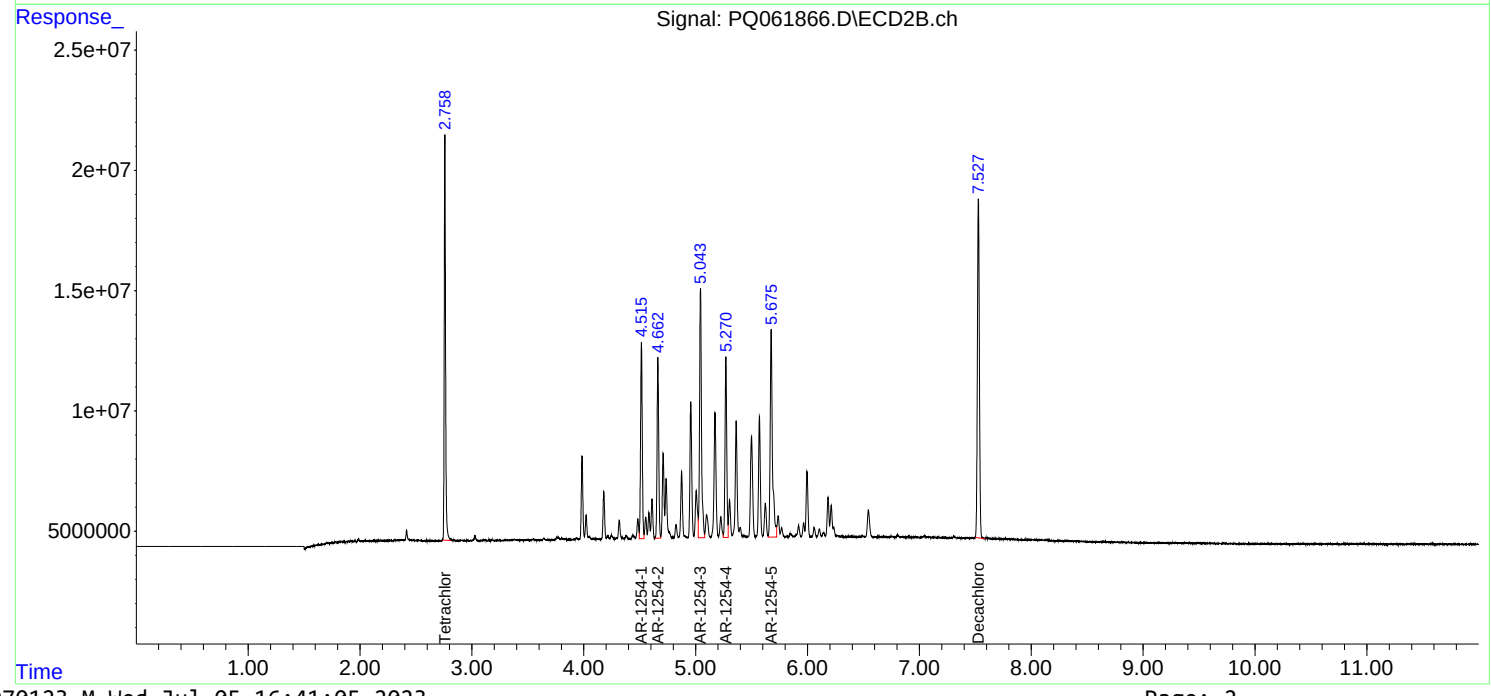
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061866.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 10:37
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 67 Sample Multiplier: 1

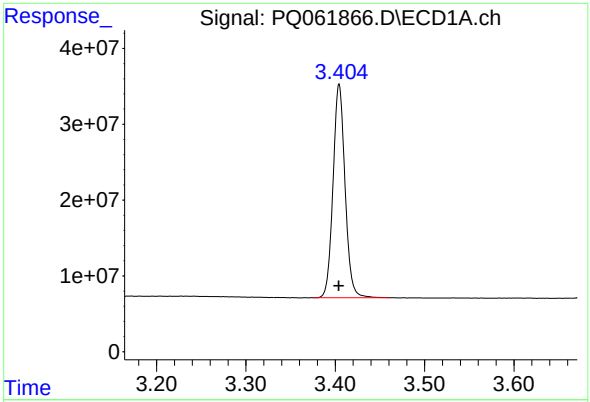
Instrument :
ECD_Q
ClientSampleId :
ICVPQ070123AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 14:06:57 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 14:04:07 2023
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



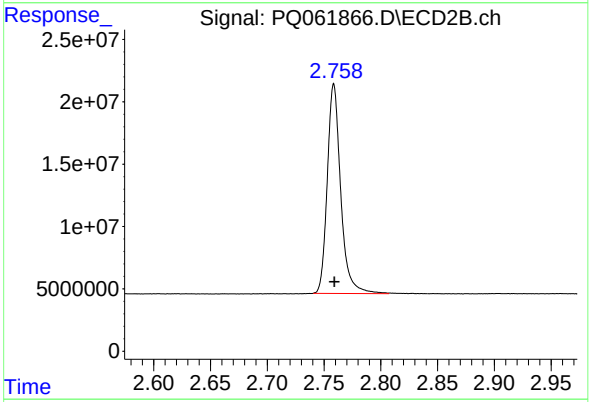




#1 Tetrachloro-m-xylene

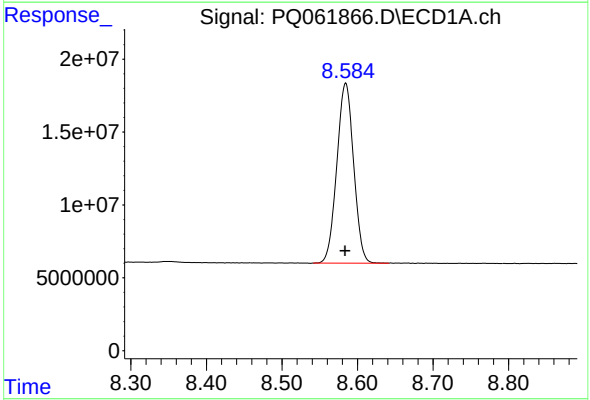
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 263120855
Conc: 52.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ070123AR1254



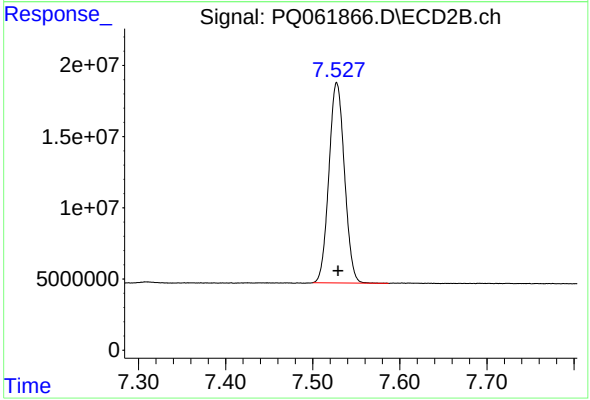
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 138810018
Conc: 52.75 ng/ml



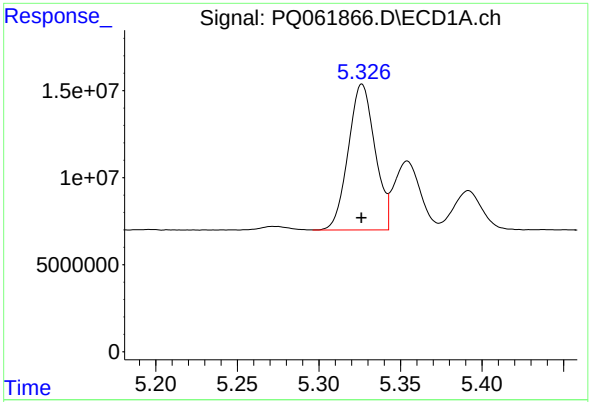
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: 0.001 min
Response: 190820356
Conc: 51.21 ng/ml



#2 Decachlorobiphenyl

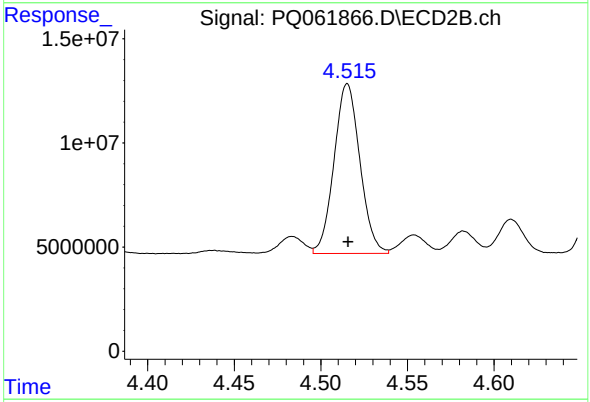
R.T.: 7.528 min
Delta R.T.: -0.001 min
Response: 174403457
Conc: 51.56 ng/ml



#26 AR-1254-1

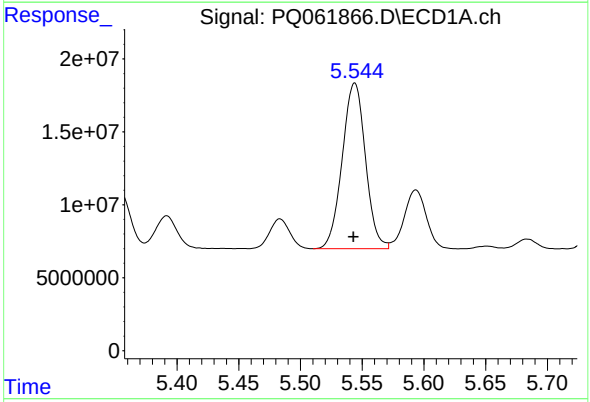
R.T.: 5.326 min
Delta R.T.: 0.000 min
Response: 95419969
Conc: 513.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ070123AR1254



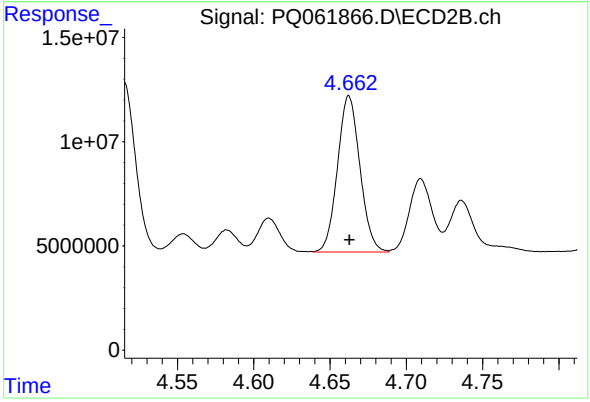
#26 AR-1254-1

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 84825321
Conc: 525.36 ng/ml



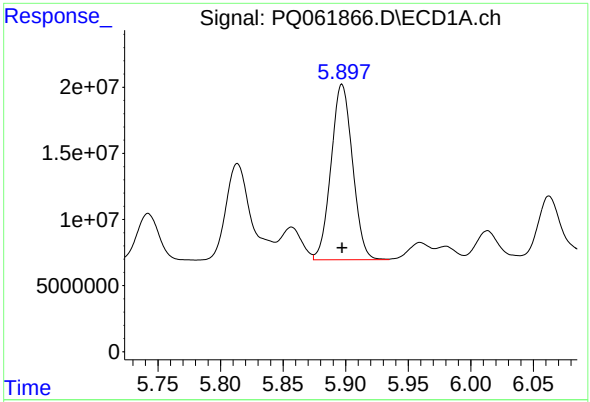
#27 AR-1254-2

R.T.: 5.544 min
Delta R.T.: 0.001 min
Response: 148960836
Conc: 512.40 ng/ml



#27 AR-1254-2

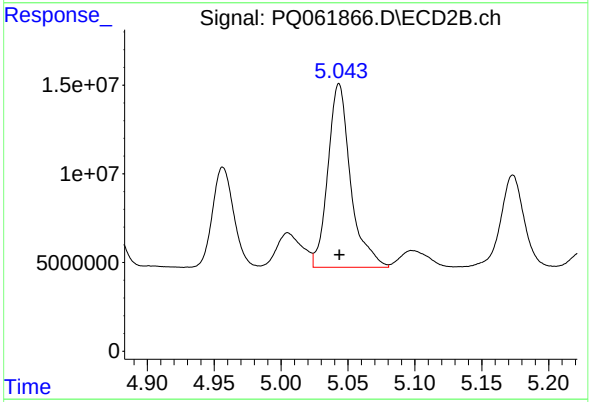
R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 76724527
Conc: 521.14 ng/ml



#28 AR-1254-3

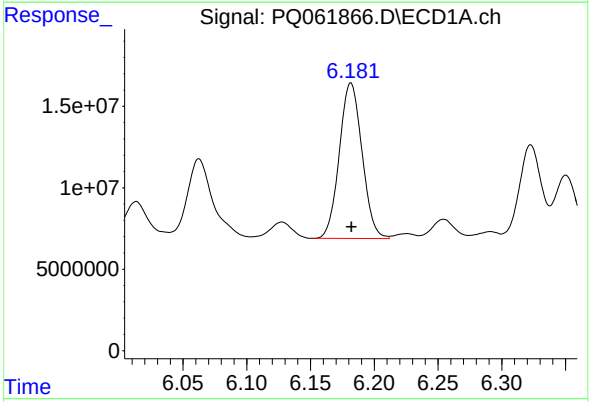
R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 158773631
Conc: 516.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ070123AR1254



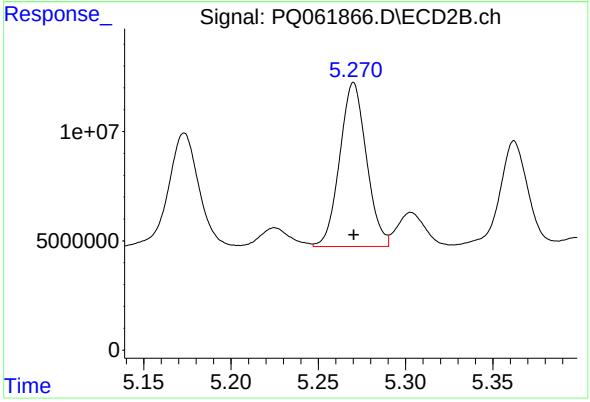
#28 AR-1254-3

R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 122315348
Conc: 523.38 ng/ml



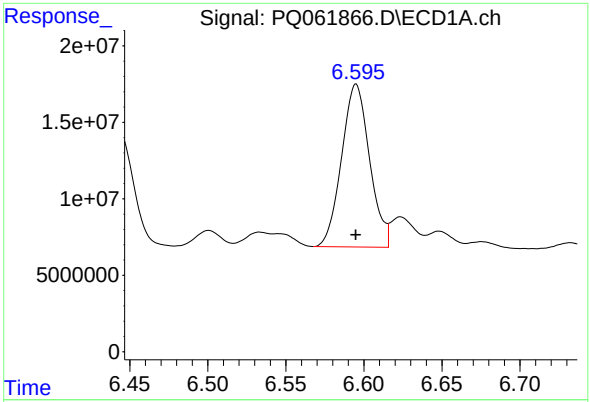
#29 AR-1254-4

R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 118408386
Conc: 509.96 ng/ml



#29 AR-1254-4

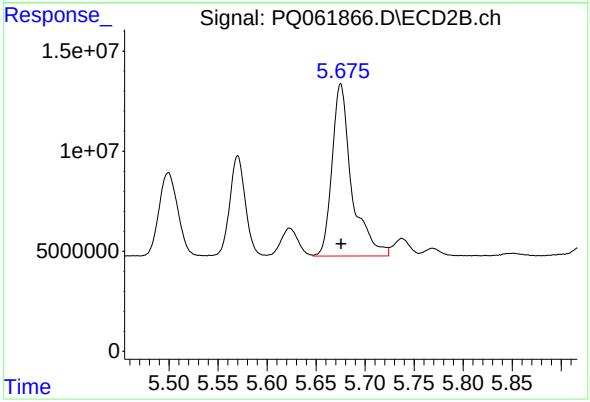
R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 79835878
Conc: 523.81 ng/ml



#30 AR-1254-5

R.T.: 6.595 min
Delta R.T.: 0.000 min
Response: 132921649
Conc: 517.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ070123AR1254



#30 AR-1254-5

R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 120359614
Conc: 521.50 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061867.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 10:52
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ICVPQ070123AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 14:33:38 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 14:32:00 2023
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...	3.404	2.759	258.5E6	137.0E6	53.470	54.228
2)	SA Decachlor...	8.584	7.528	316.6E6	292.0E6	51.905	52.667
	Target Compounds						
41)	L9 AR-1268-1	7.477	6.490	297.0E6	248.4E6	523.441	527.807
42)	L9 AR-1268-2	7.557	6.553	268.3E6	224.9E6	526.166	530.806
43)	L9 AR-1268-3	7.737	6.752	224.6E6	195.6E6	526.228	530.972
44)	L9 AR-1268-4	8.059	7.045	96019784	85506906	524.741	534.631
45)	L9 AR-1268-5	8.351	7.312	659.3E6	623.6E6	522.924	534.404

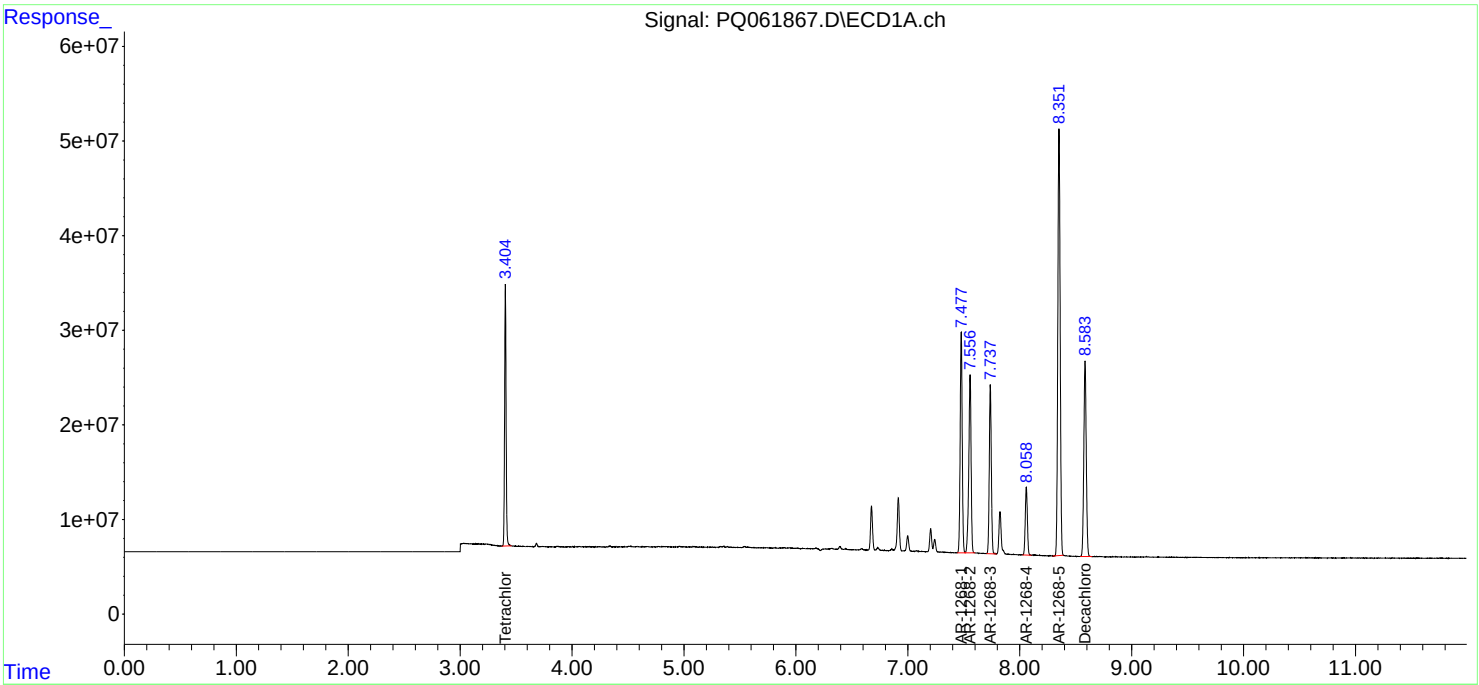
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

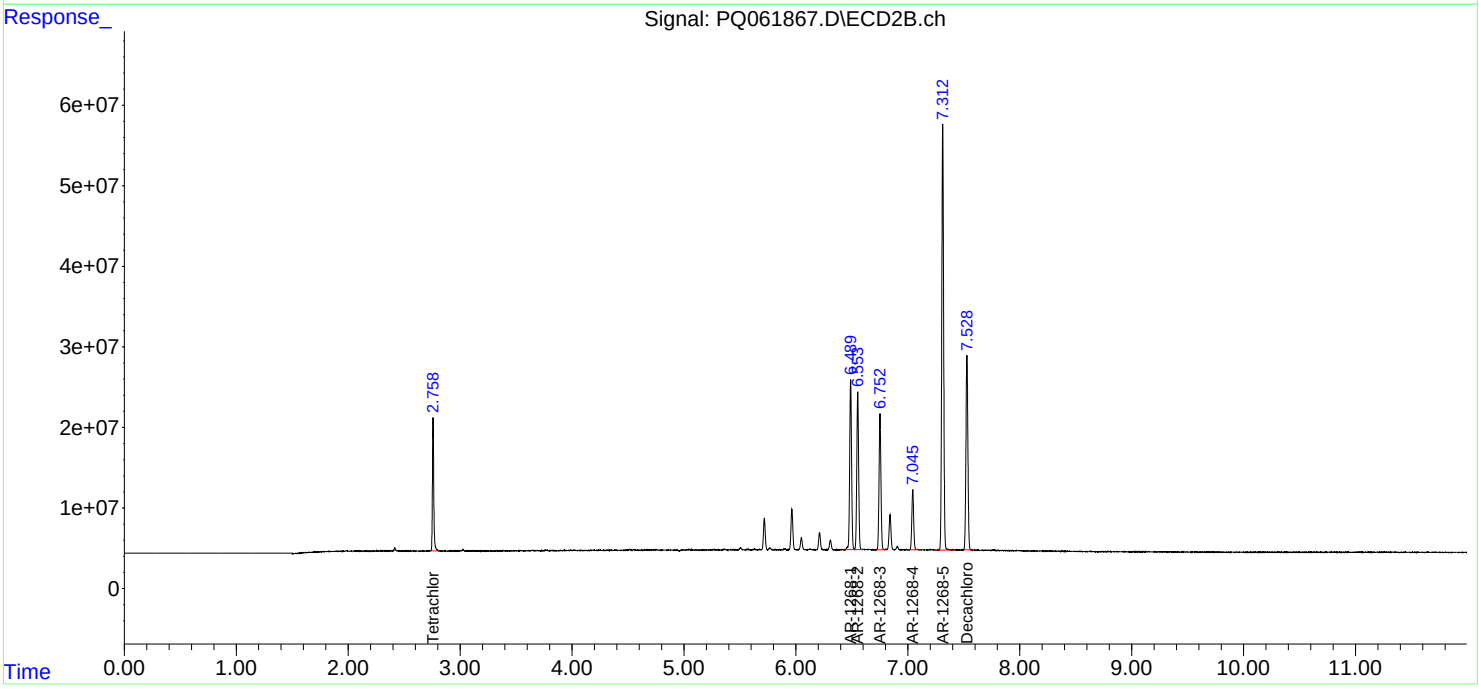
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061867.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 10:52
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 68 Sample Multiplier: 1

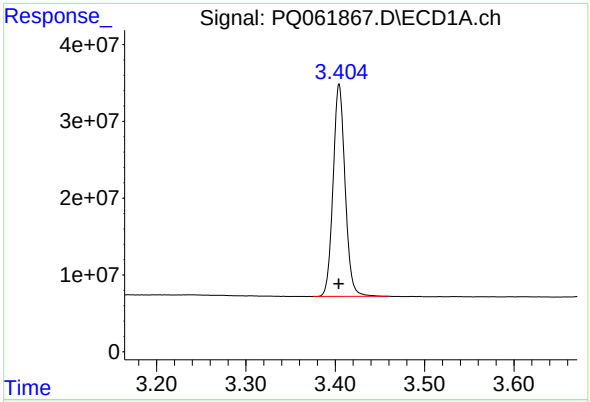
Instrument :
ECD_Q
ClientSampleId :
ICVPQ070123AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 14:33:38 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 14:32:00 2023
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



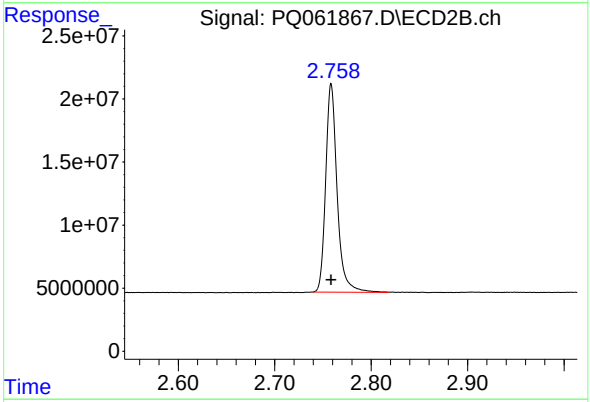




#1 Tetrachloro-m-xylene

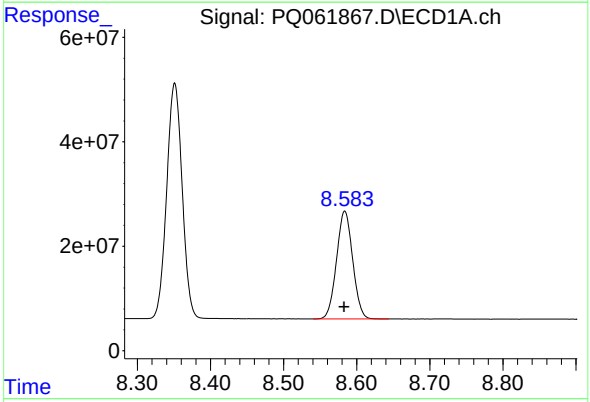
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 258536714
Conc: 53.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ070123AR1268



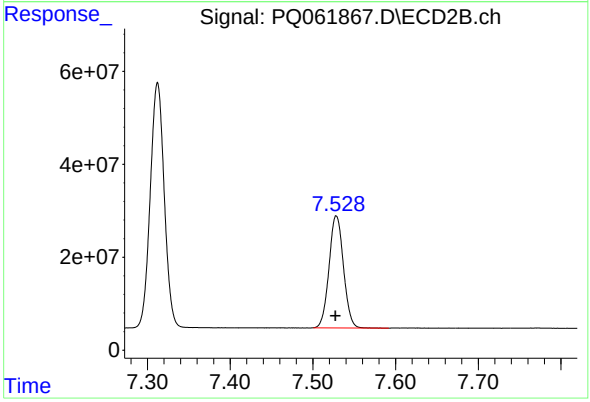
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 136999548
Conc: 54.23 ng/ml



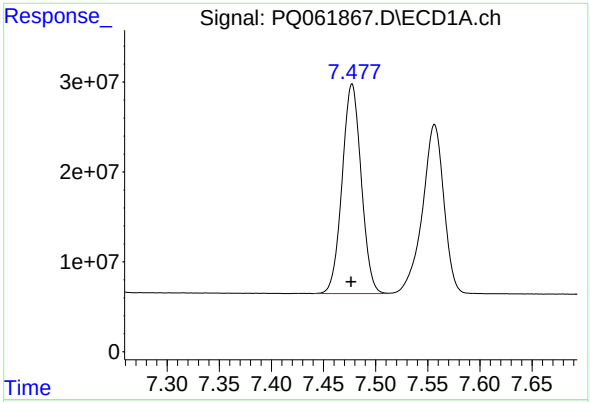
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 316637922
Conc: 51.91 ng/ml



#2 Decachlorobiphenyl

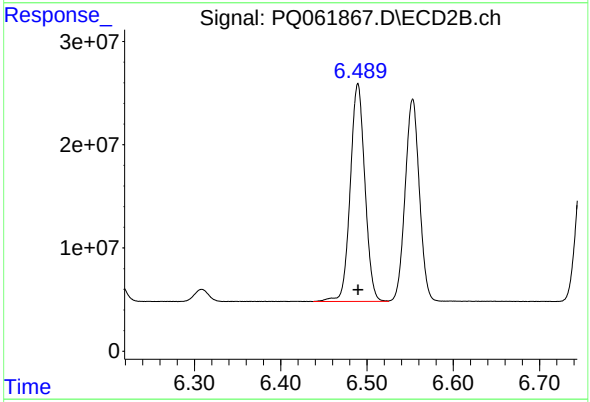
R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 291969718
Conc: 52.67 ng/ml



#41 AR-1268-1

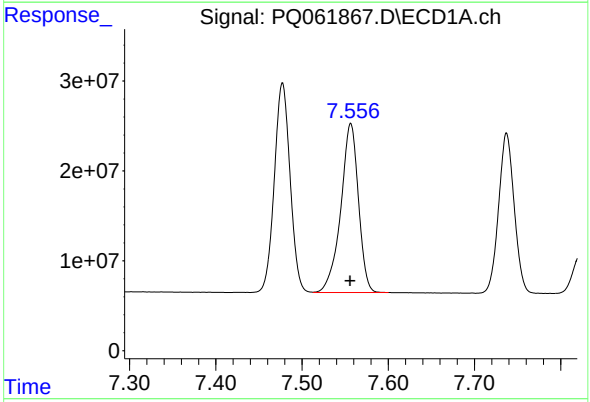
R.T.: 7.477 min
Delta R.T.: 0.000 min
Response: 297041379
Conc: 523.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ070123AR1268



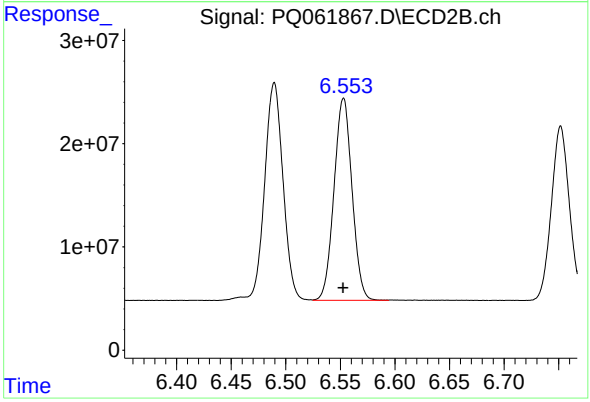
#41 AR-1268-1

R.T.: 6.490 min
Delta R.T.: 0.000 min
Response: 248353114
Conc: 527.81 ng/ml



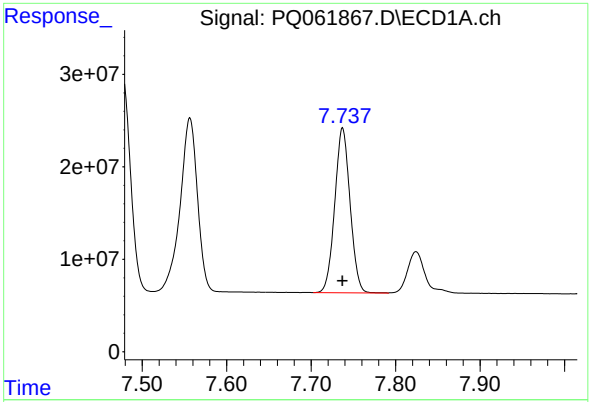
#42 AR-1268-2

R.T.: 7.557 min
Delta R.T.: 0.000 min
Response: 268277788
Conc: 526.17 ng/ml



#42 AR-1268-2

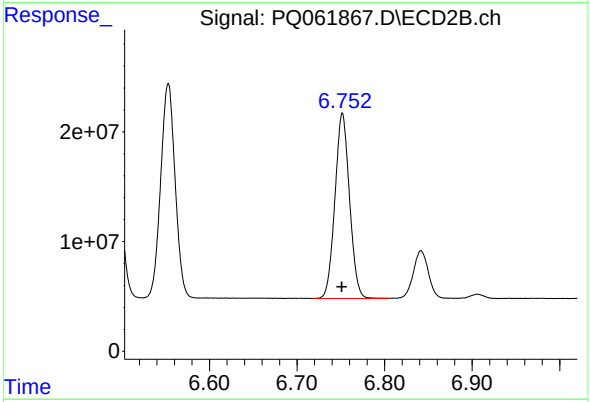
R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 224903702
Conc: 530.81 ng/ml



#43 AR-1268-3

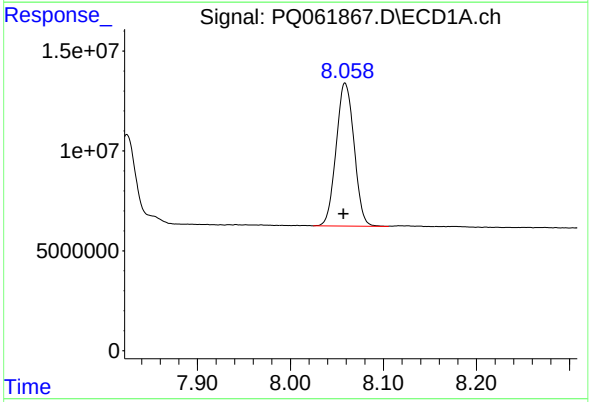
R.T.: 7.737 min
Delta R.T.: 0.000 min
Response: 224579678
Conc: 526.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ070123AR1268



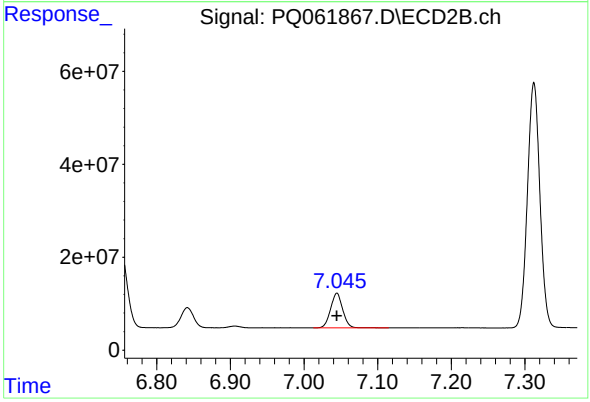
#43 AR-1268-3

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 195567325
Conc: 530.97 ng/ml



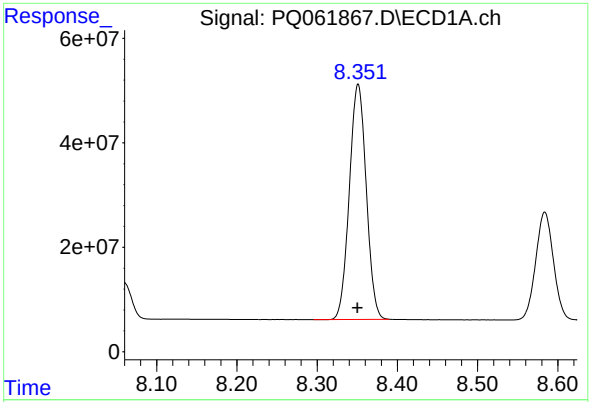
#44 AR-1268-4

R.T.: 8.059 min
Delta R.T.: 0.002 min
Response: 96019784
Conc: 524.74 ng/ml



#44 AR-1268-4

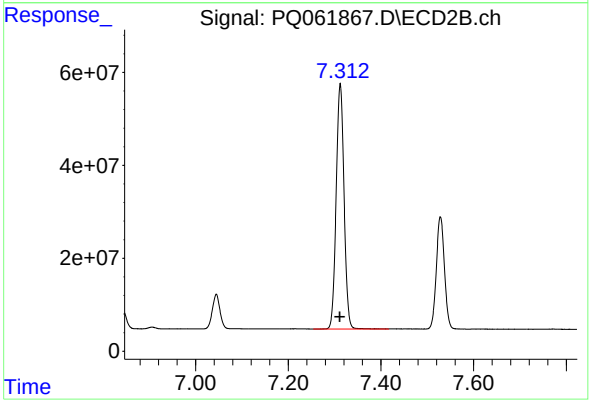
R.T.: 7.045 min
Delta R.T.: 0.000 min
Response: 85506906
Conc: 534.63 ng/ml



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: 0.001 min
Response: 659278563
Conc: 522.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ070123AR1268



#45 AR-1268-5

R.T.: 7.312 min
Delta R.T.: 0.001 min
Response: 623624765
Conc: 534.40 ng/ml

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

Continuing Calib Date: 07/18/2023 **Initial Calibration Date(s):** 07/01/2023 07/01/2023

Continuing Calib Time: 10:46 **Initial Calibration Time(s):** 03:04 09:39

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)	4.51	4.50	4.40	4.60	-0.01
Aroclor-1016-2	(2)	4.53	4.52	4.42	4.62	-0.01
Aroclor-1016-3	(3)	4.58	4.58	4.48	4.68	0.00
Aroclor-1016-4	(4)	4.67	4.67	4.57	4.77	0.00
Aroclor-1016-5	(5)	4.96	4.96	4.86	5.06	0.00
Aroclor-1260-1	(1)	6.06	6.06	5.96	6.16	0.00
Aroclor-1260-2	(2)	6.33	6.32	6.22	6.42	0.00
Aroclor-1260-3	(3)	6.68	6.68	6.58	6.78	0.00
Aroclor-1260-4	(4)	6.90	6.89	6.79	6.99	-0.01
Aroclor-1260-5	(5)	7.21	7.20	7.10	7.30	-0.01
Tetrachloro-m-xylene		3.41	3.40	3.30	3.50	0.00
Decachlorobiphenyl		8.59	8.58	8.48	8.68	-0.01

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

Continuing Calib Date: 07/18/2023 **Initial Calibration Date(s):** 07/01/2023 07/01/2023

Continuing Calib Time: 10:46 **Initial Calibration Time(s):** 03:04 09:39

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)	3.76	3.76	3.66	3.86	0.00
Aroclor-1016-2	(2)	3.77	3.78	3.68	3.88	0.01
Aroclor-1016-3	(3)	3.93	3.94	3.84	4.04	0.01
Aroclor-1016-4	(4)	3.98	3.99	3.89	4.09	0.01
Aroclor-1016-5	(5)	4.18	4.18	4.08	4.28	0.00
Aroclor-1260-1	(1)	5.17	5.17	5.07	5.27	0.00
Aroclor-1260-2	(2)	5.36	5.36	5.26	5.46	0.00
Aroclor-1260-3	(3)	5.50	5.50	5.40	5.60	0.00
Aroclor-1260-4	(4)	5.96	5.97	5.87	6.07	0.01
Aroclor-1260-5	(5)	6.21	6.21	6.11	6.31	0.00
Tetrachloro-m-xylene		2.76	2.76	2.66	2.86	0.00
Decachlorobiphenyl		7.53	7.53	7.43	7.63	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/01/2023 07/01/2023

Client Sample No.: CCAL01 **Date Analyzed:** 07/18/2023

Lab Sample No.: AR1660CCC500 **Data File :** PQ062330.D **Time Analyzed:** 10:46

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.506	4.404	4.604	435.010	500.000	-13.0
Aroclor-1016-2	4.525	4.424	4.624	440.300	500.000	-11.9
Aroclor-1016-3	4.582	4.481	4.681	447.110	500.000	-10.6
Aroclor-1016-4	4.674	4.573	4.773	448.020	500.000	-10.4
Aroclor-1016-5	4.961	4.860	5.060	451.440	500.000	-9.7
Aroclor-1260-1	6.064	5.963	6.163	458.520	500.000	-8.3
Aroclor-1260-2	6.325	6.223	6.423	459.870	500.000	-8.0
Aroclor-1260-3	6.679	6.576	6.776	467.690	500.000	-6.5
Aroclor-1260-4	6.896	6.793	6.993	472.830	500.000	-5.4
Aroclor-1260-5	7.207	7.104	7.304	467.990	500.000	-6.4
Decachlorobiphenyl	8.588	8.484	8.684	45.830	50.000	-8.3
Tetrachloro-m-xylene	3.405	3.304	3.504	41.930	50.000	-16.1

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CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/01/2023 07/01/2023

Client Sample No.: CCAL01 **Date Analyzed:** 07/18/2023

Lab Sample No.: AR1660CCC500 **Data File :** PQ062330.D **Time Analyzed:** 10:46

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.757	3.661	3.861	476.630	500.000	-4.7
Aroclor-1016-2	3.772	3.676	3.876	480.140	500.000	-4.0
Aroclor-1016-3	3.932	3.836	4.036	476.220	500.000	-4.8
Aroclor-1016-4	3.982	3.886	4.086	466.920	500.000	-6.6
Aroclor-1016-5	4.176	4.080	4.280	471.460	500.000	-5.7
Aroclor-1260-1	5.169	5.073	5.273	505.480	500.000	1.1
Aroclor-1260-2	5.360	5.263	5.463	497.450	500.000	-0.5
Aroclor-1260-3	5.500	5.404	5.604	508.590	500.000	1.7
Aroclor-1260-4	5.962	5.867	6.067	503.010	500.000	0.6
Aroclor-1260-5	6.210	6.113	6.313	507.420	500.000	1.5
Decachlorobiphenyl	7.526	7.429	7.629	49.070	50.000	-1.9
Tetrachloro-m-xylene	2.756	2.659	2.859	47.800	50.000	-4.4

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071823\
Data File : PQ062330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 10:46
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: Jul 19 02:36:46 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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...	3.405	2.756	204.6E6	119.9E6	41.935	47.796
2)	SA Decachlor...	8.588	7.526	166.5E6	163.5E6	45.829	49.068
	Target Compounds						
3)	L1 AR-1016-1	4.506	3.757	71653908	47174652	435.010	476.630
4)	L1 AR-1016-2	4.525	3.772	108.9E6	69236146	440.302	480.143
5)	L1 AR-1016-3	4.582	3.932	68142253	35927261	447.111	476.219
6)	L1 AR-1016-4	4.674	3.982	56156811	30667109	448.017	466.923
7)	L1 AR-1016-5	4.961	4.176	54947260	38650764	451.435	471.456
31)	L7 AR-1260-1	6.064	5.169	108.2E6	84189965	458.525	505.484
32)	L7 AR-1260-2	6.325	5.360	132.8E6	103.4E6	459.873	497.451
33)	L7 AR-1260-3	6.679	5.500	82583809	98950506	467.695	508.590
34)	L7 AR-1260-4	6.896	5.962	99600493	73369962	472.825	503.011
35)	L7 AR-1260-5	7.207	6.210	192.2E6	168.5E6	467.989	507.416

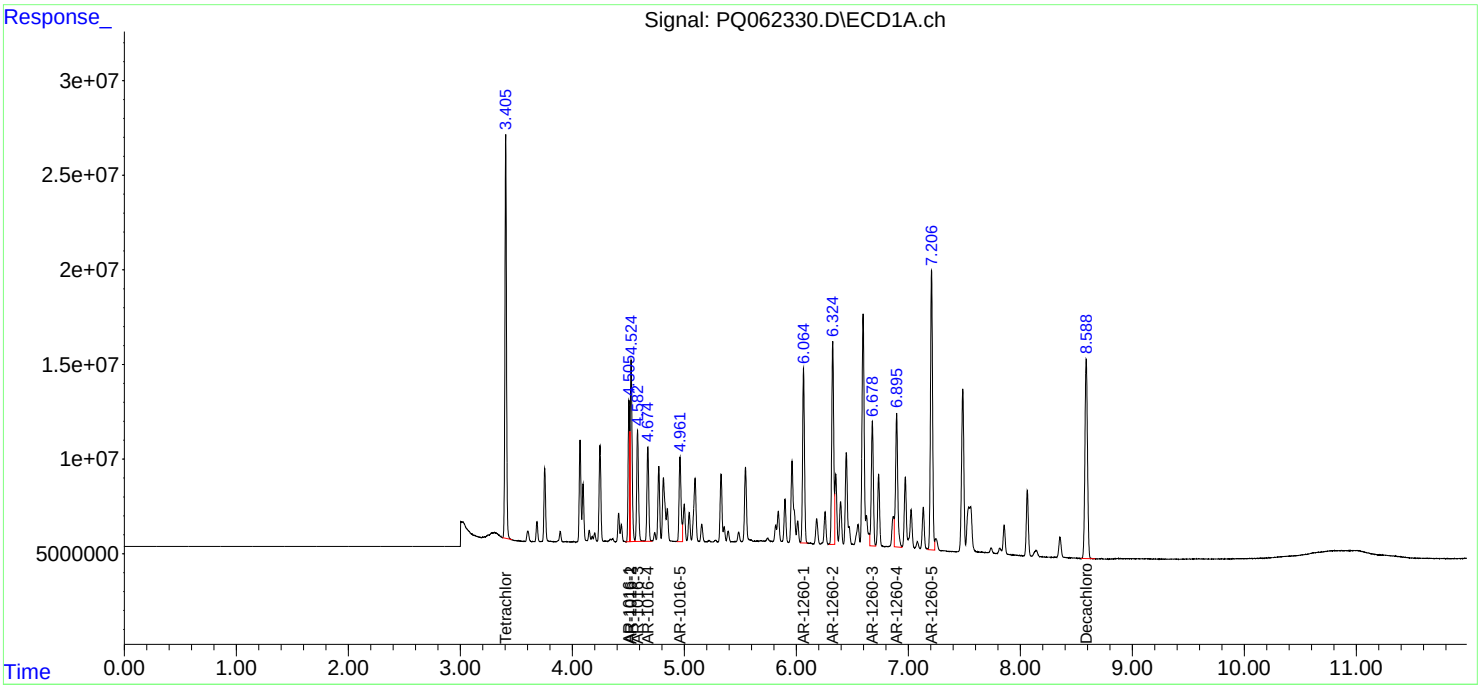
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

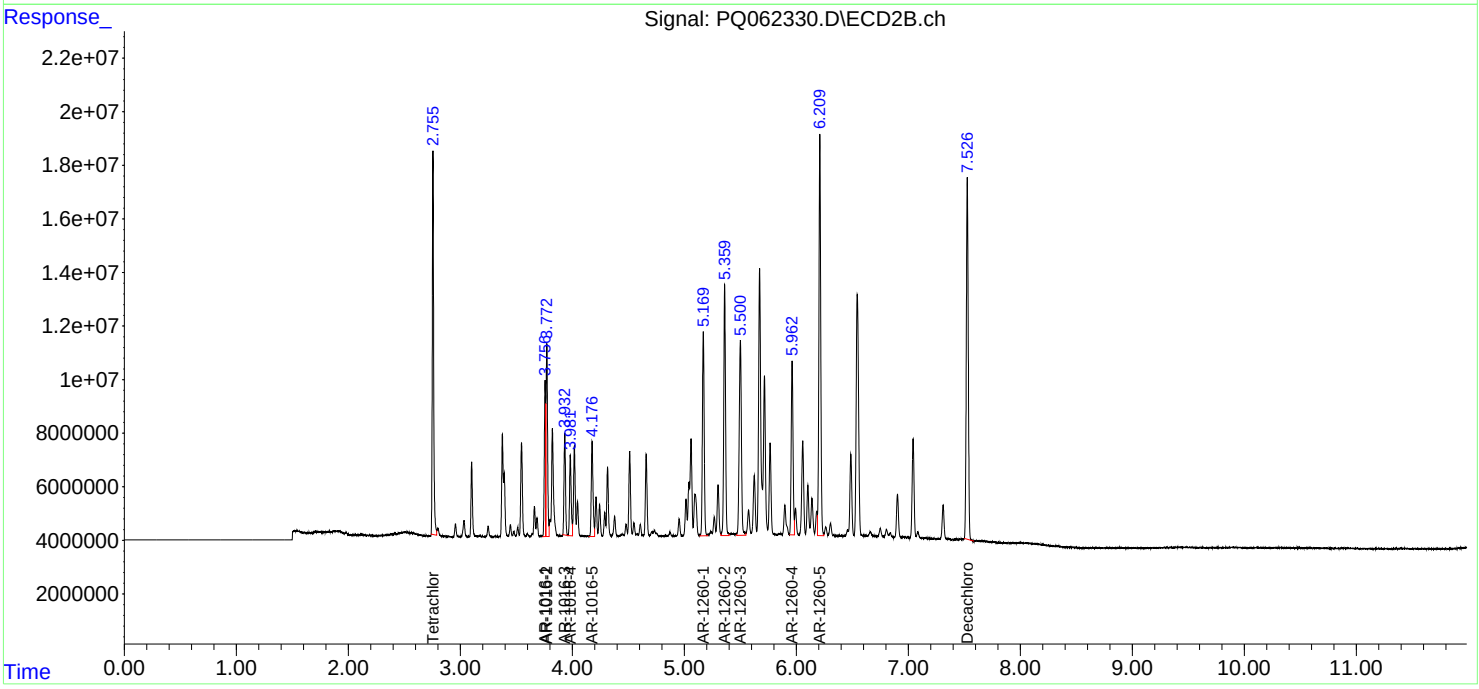
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071823\
Data File : PQ062330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 10:46
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

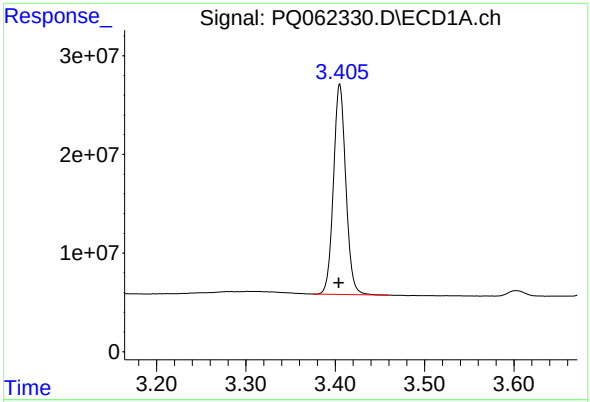
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 02:36:46 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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



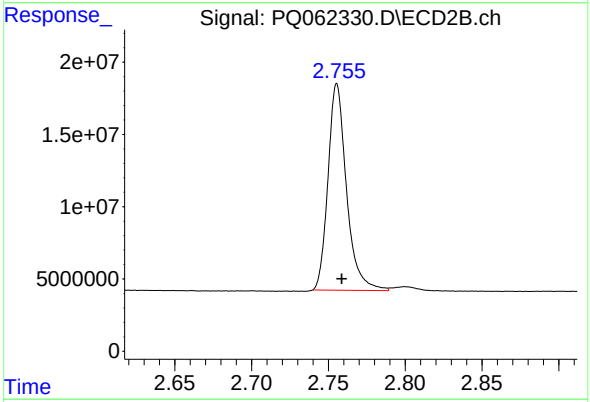




#1 Tetrachloro-m-xylene

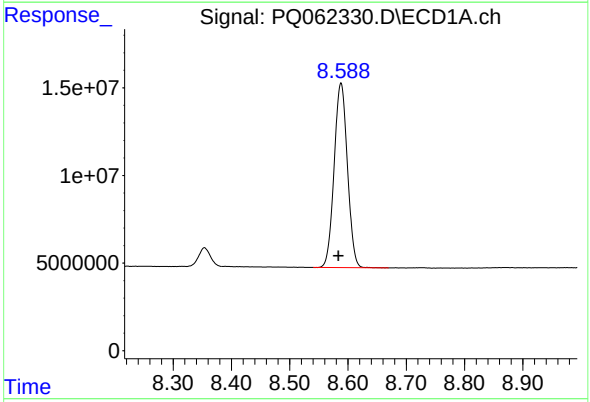
R.T.: 3.405 min
Delta R.T.: 0.001 min
Response: 204565688
Conc: 41.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



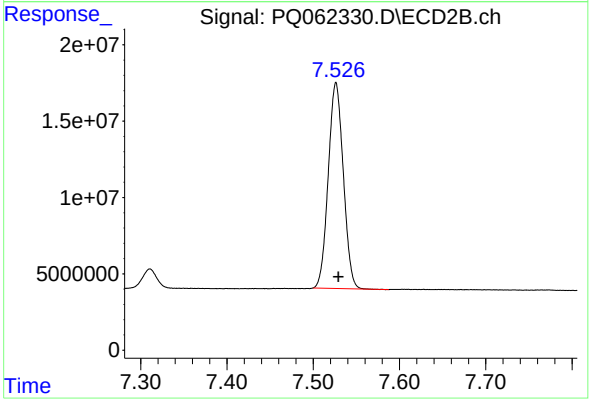
#1 Tetrachloro-m-xylene

R.T.: 2.756 min
Delta R.T.: -0.003 min
Response: 119924768
Conc: 47.80 ng/ml



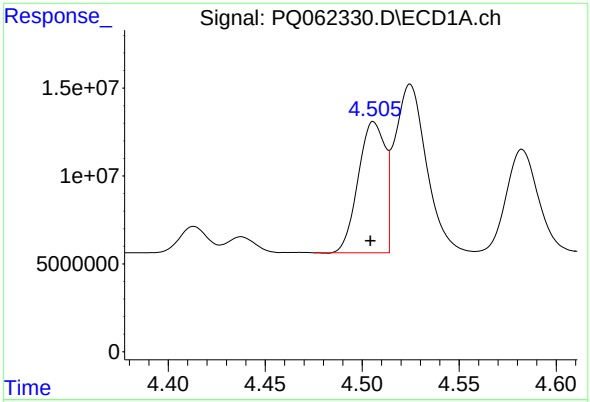
#2 Decachlorobiphenyl

R.T.: 8.588 min
Delta R.T.: 0.004 min
Response: 166485525
Conc: 45.83 ng/ml



#2 Decachlorobiphenyl

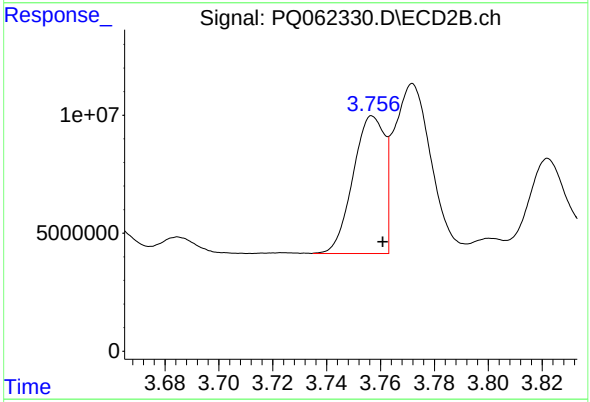
R.T.: 7.526 min
Delta R.T.: -0.003 min
Response: 163504840
Conc: 49.07 ng/ml



#3 AR-1016-1

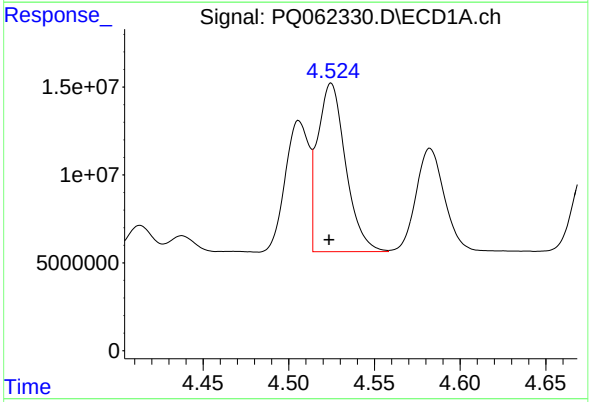
R.T.: 4.506 min
Delta R.T.: 0.002 min
Response: 71653908
Conc: 435.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



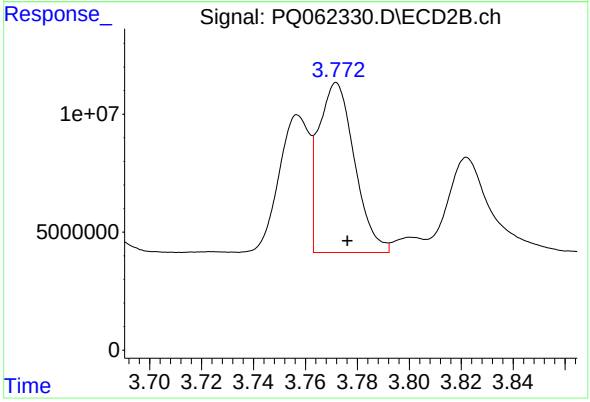
#3 AR-1016-1

R.T.: 3.757 min
Delta R.T.: -0.004 min
Response: 47174652
Conc: 476.63 ng/ml



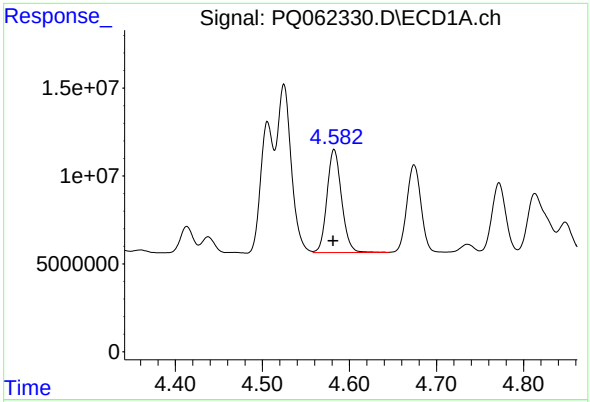
#4 AR-1016-2

R.T.: 4.525 min
Delta R.T.: 0.001 min
Response: 108872720
Conc: 440.30 ng/ml



#4 AR-1016-2

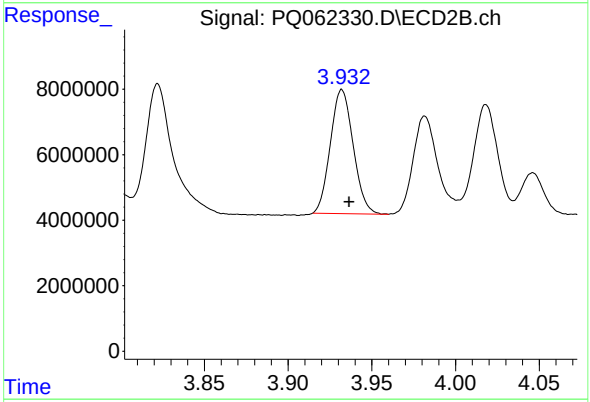
R.T.: 3.772 min
Delta R.T.: -0.004 min
Response: 69236146
Conc: 480.14 ng/ml



#5 AR-1016-3

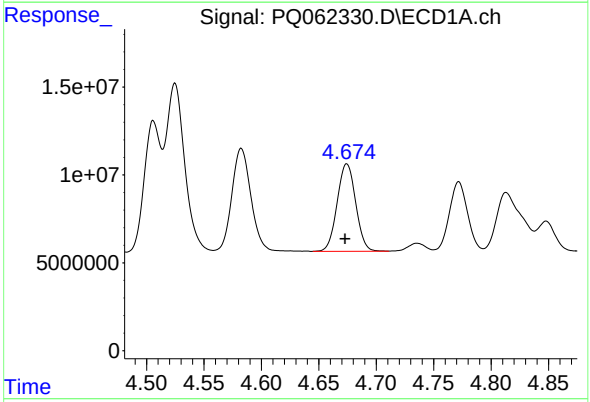
R.T.: 4.582 min
Delta R.T.: 0.001 min
Response: 68142253
Conc: 447.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



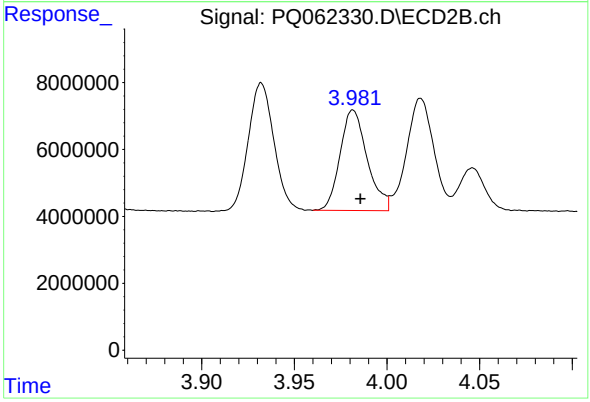
#5 AR-1016-3

R.T.: 3.932 min
Delta R.T.: -0.004 min
Response: 35927261
Conc: 476.22 ng/ml



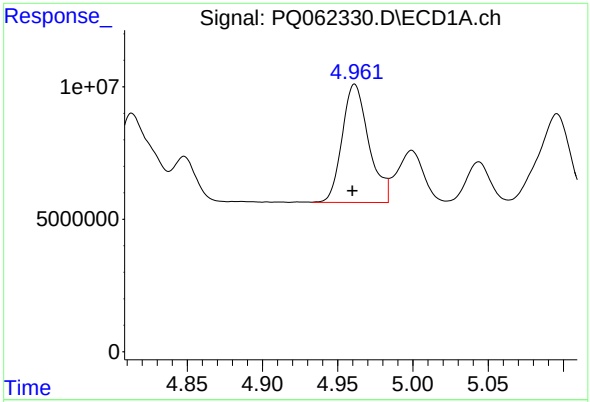
#6 AR-1016-4

R.T.: 4.674 min
Delta R.T.: 0.002 min
Response: 56156811
Conc: 448.02 ng/ml



#6 AR-1016-4

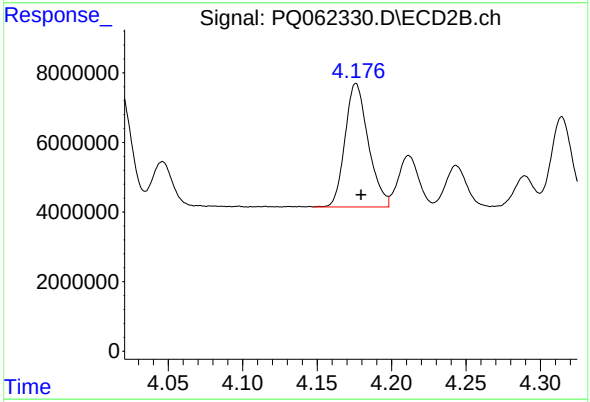
R.T.: 3.982 min
Delta R.T.: -0.004 min
Response: 30667109
Conc: 466.92 ng/ml



#7 AR-1016-5

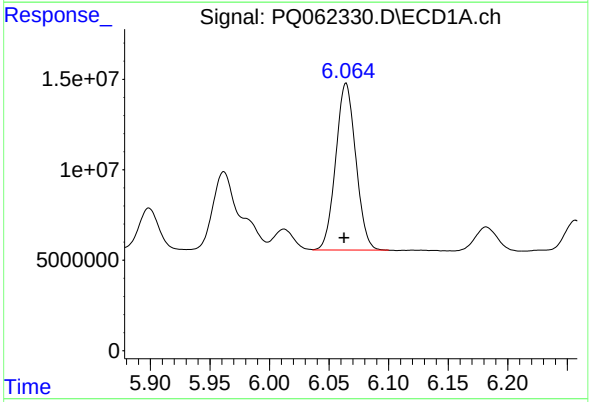
R.T.: 4.961 min
Delta R.T.: 0.001 min
Response: 54947260
Conc: 451.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



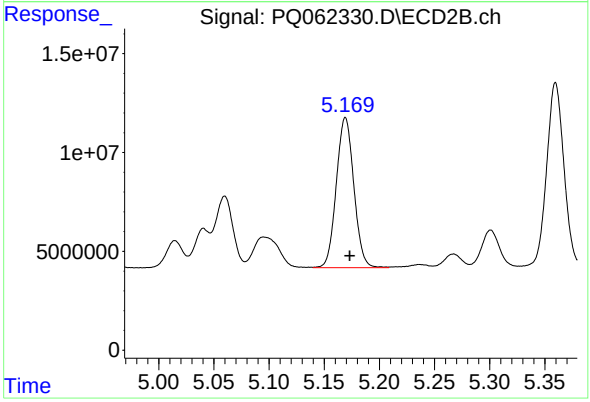
#7 AR-1016-5

R.T.: 4.176 min
Delta R.T.: -0.003 min
Response: 38650764
Conc: 471.46 ng/ml



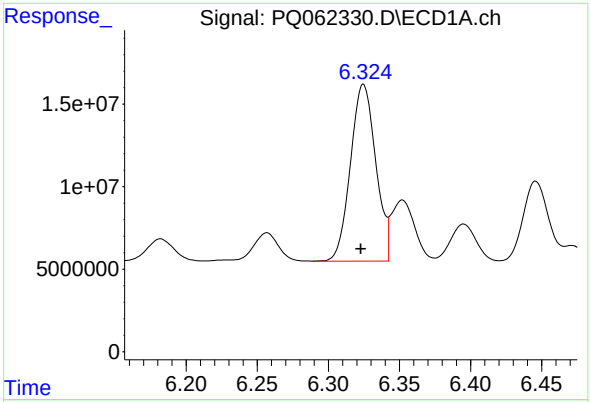
#31 AR-1260-1

R.T.: 6.064 min
Delta R.T.: 0.002 min
Response: 108180525
Conc: 458.52 ng/ml



#31 AR-1260-1

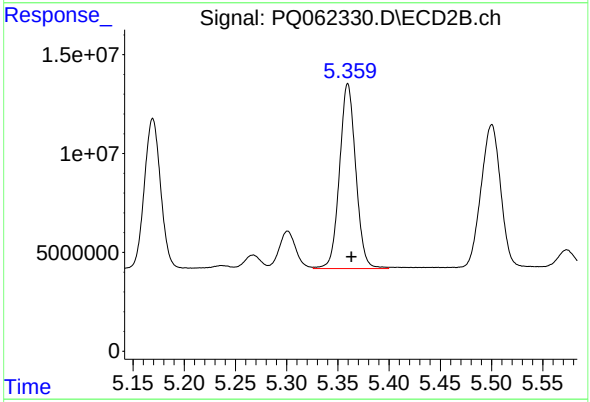
R.T.: 5.169 min
Delta R.T.: -0.004 min
Response: 84189965
Conc: 505.48 ng/ml



#32 AR-1260-2

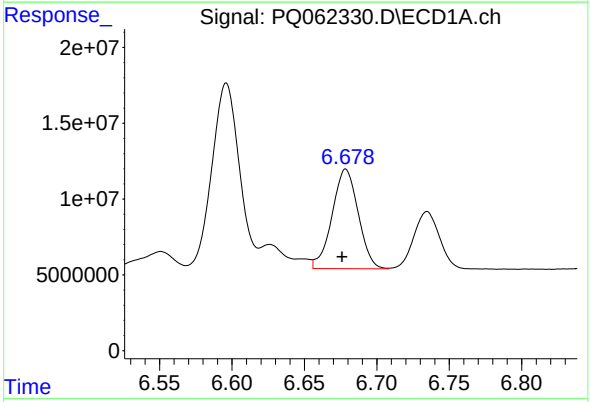
R.T.: 6.325 min
Delta R.T.: 0.002 min
Response: 132816926
Conc: 459.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



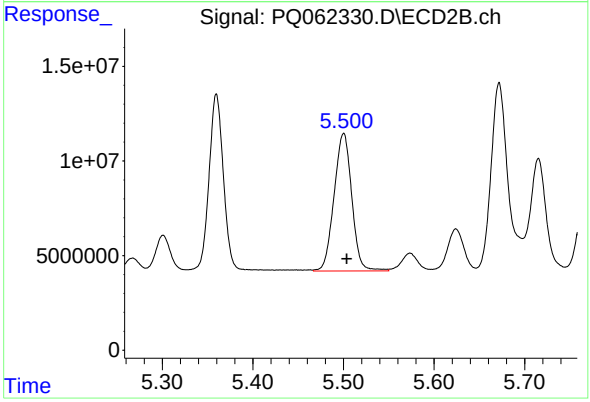
#32 AR-1260-2

R.T.: 5.360 min
Delta R.T.: -0.004 min
Response: 103442884
Conc: 497.45 ng/ml



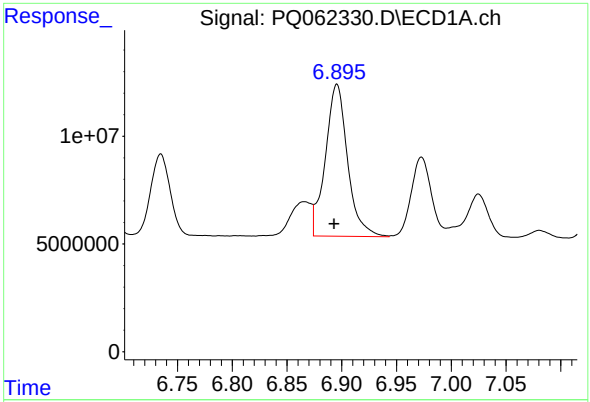
#33 AR-1260-3

R.T.: 6.679 min
Delta R.T.: 0.002 min
Response: 82583809
Conc: 467.69 ng/ml



#33 AR-1260-3

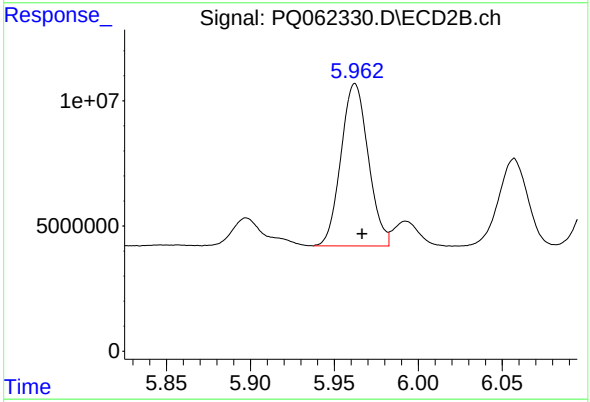
R.T.: 5.500 min
Delta R.T.: -0.003 min
Response: 98950506
Conc: 508.59 ng/ml



#34 AR-1260-4

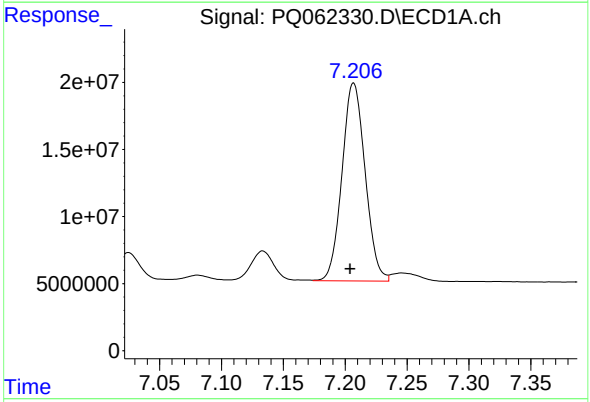
R.T.: 6.896 min
Delta R.T.: 0.003 min
Response: 99600493
Conc: 472.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



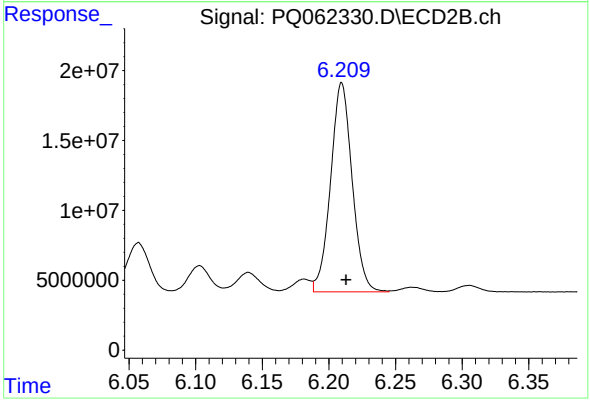
#34 AR-1260-4

R.T.: 5.962 min
Delta R.T.: -0.004 min
Response: 73369962
Conc: 503.01 ng/ml



#35 AR-1260-5

R.T.: 7.207 min
Delta R.T.: 0.003 min
Response: 192160319
Conc: 467.99 ng/ml



#35 AR-1260-5

R.T.: 6.210 min
Delta R.T.: -0.003 min
Response: 168492119
Conc: 507.42 ng/ml

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

Continuing Calib Date: 07/18/2023 **Initial Calibration Date(s):** 07/01/2023 07/01/2023

Continuing Calib Time: 15:47 **Initial Calibration Time(s):** 03:04 09:39

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)	4.50	4.50	4.40	4.60	0.00
Aroclor-1016-2	(2)	4.52	4.52	4.42	4.62	0.00
Aroclor-1016-3	(3)	4.58	4.58	4.48	4.68	0.00
Aroclor-1016-4	(4)	4.67	4.67	4.57	4.77	0.00
Aroclor-1016-5	(5)	4.96	4.96	4.86	5.06	0.00
Aroclor-1260-1	(1)	6.06	6.06	5.96	6.16	0.00
Aroclor-1260-2	(2)	6.32	6.32	6.22	6.42	0.00
Aroclor-1260-3	(3)	6.67	6.68	6.58	6.78	0.01
Aroclor-1260-4	(4)	6.89	6.89	6.79	6.99	0.00
Aroclor-1260-5	(5)	7.20	7.20	7.10	7.30	0.00
Tetrachloro-m-xylene		3.40	3.40	3.30	3.50	0.00
Decachlorobiphenyl		8.58	8.58	8.48	8.68	0.00

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

Continuing Calib Date: 07/18/2023 **Initial Calibration Date(s):** 07/01/2023 07/01/2023

Continuing Calib Time: 15:47 **Initial Calibration Time(s):** 03:04 09:39

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)	3.76	3.76	3.66	3.86	0.00
Aroclor-1016-2	(2)	3.77	3.78	3.68	3.88	0.01
Aroclor-1016-3	(3)	3.93	3.94	3.84	4.04	0.01
Aroclor-1016-4	(4)	3.98	3.99	3.89	4.09	0.01
Aroclor-1016-5	(5)	4.18	4.18	4.08	4.28	0.00
Aroclor-1260-1	(1)	5.17	5.17	5.07	5.27	0.00
Aroclor-1260-2	(2)	5.36	5.36	5.26	5.46	0.00
Aroclor-1260-3	(3)	5.50	5.50	5.40	5.60	0.00
Aroclor-1260-4	(4)	5.96	5.97	5.87	6.07	0.01
Aroclor-1260-5	(5)	6.21	6.21	6.11	6.31	0.00
Tetrachloro-m-xylene		2.76	2.76	2.66	2.86	0.00
Decachlorobiphenyl		7.53	7.53	7.43	7.63	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/01/2023 07/01/2023

Client Sample No.: CCAL02 **Date Analyzed:** 07/18/2023

Lab Sample No.: AR1660CCC500 **Data File :** PQ062344.D **Time Analyzed:** 15:47

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.502	4.404	4.604	455.760	500.000	-8.8
Aroclor-1016-2	4.521	4.424	4.624	449.340	500.000	-10.1
Aroclor-1016-3	4.579	4.481	4.681	451.930	500.000	-9.6
Aroclor-1016-4	4.671	4.573	4.773	454.100	500.000	-9.2
Aroclor-1016-5	4.958	4.860	5.060	464.250	500.000	-7.2
Aroclor-1260-1	6.060	5.963	6.163	459.120	500.000	-8.2
Aroclor-1260-2	6.321	6.223	6.423	456.430	500.000	-8.7
Aroclor-1260-3	6.674	6.576	6.776	465.460	500.000	-6.9
Aroclor-1260-4	6.891	6.793	6.993	469.240	500.000	-6.2
Aroclor-1260-5	7.203	7.104	7.304	472.820	500.000	-5.4
Decachlorobiphenyl	8.582	8.484	8.684	45.700	50.000	-8.6
Tetrachloro-m-xylene	3.402	3.304	3.504	44.040	50.000	-11.9

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/01/2023 07/01/2023

Client Sample No.: CCAL02 **Date Analyzed:** 07/18/2023

Lab Sample No.: AR1660CCC500 **Data File :** PQ062344.D **Time Analyzed:** 15:47

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.757	3.661	3.861	474.100	500.000	-5.2
Aroclor-1016-2	3.772	3.676	3.876	482.260	500.000	-3.5
Aroclor-1016-3	3.932	3.836	4.036	474.720	500.000	-5.1
Aroclor-1016-4	3.982	3.886	4.086	471.680	500.000	-5.7
Aroclor-1016-5	4.176	4.080	4.280	466.770	500.000	-6.6
Aroclor-1260-1	5.169	5.073	5.273	484.360	500.000	-3.1
Aroclor-1260-2	5.360	5.263	5.463	476.990	500.000	-4.6
Aroclor-1260-3	5.500	5.404	5.604	489.360	500.000	-2.1
Aroclor-1260-4	5.962	5.867	6.067	498.090	500.000	-0.4
Aroclor-1260-5	6.209	6.113	6.313	501.990	500.000	0.4
Decachlorobiphenyl	7.525	7.429	7.629	48.730	50.000	-2.5
Tetrachloro-m-xylene	2.756	2.659	2.859	49.150	50.000	-1.7

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071823\
Data File : PQ062344.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 15:47
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: Jul 19 02:43:43 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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...	3.402	2.756	214.9E6	123.3E6	44.044	49.146
2)	SA Decachlor...	8.582	7.525	166.0E6	162.4E6	45.700	48.730
	Target Compounds						
3)	L1 AR-1016-1	4.502	3.757	75071615	46924445	455.759	474.102
4)	L1 AR-1016-2	4.521	3.772	111.1E6	69540965	449.340	482.257
5)	L1 AR-1016-3	4.579	3.932	68876391	35814231	451.928	474.721
6)	L1 AR-1016-4	4.671	3.982	56919113	30979738	454.099	471.683
7)	L1 AR-1016-5	4.958	4.176	56506762	38266473	464.248	466.769
31)	L7 AR-1260-1	6.060	5.169	108.3E6	80671257	459.118	484.357
32)	L7 AR-1260-2	6.321	5.360	131.8E6	99187676	456.426	476.988
33)	L7 AR-1260-3	6.674	5.500	82189066	95208478	465.459	489.356
34)	L7 AR-1260-4	6.891	5.962	98846196	72652411	469.244	498.092
35)	L7 AR-1260-5	7.203	6.209	194.1E6	166.7E6	472.824	501.990

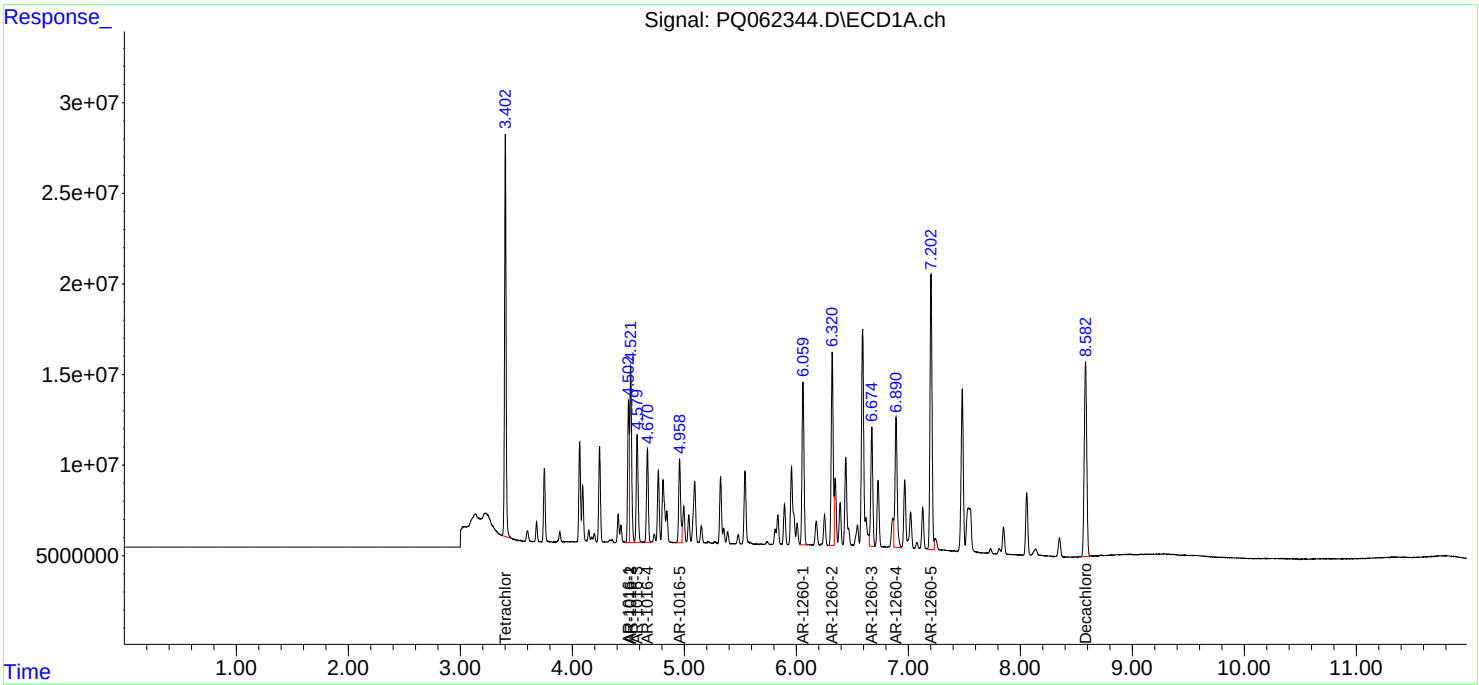
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

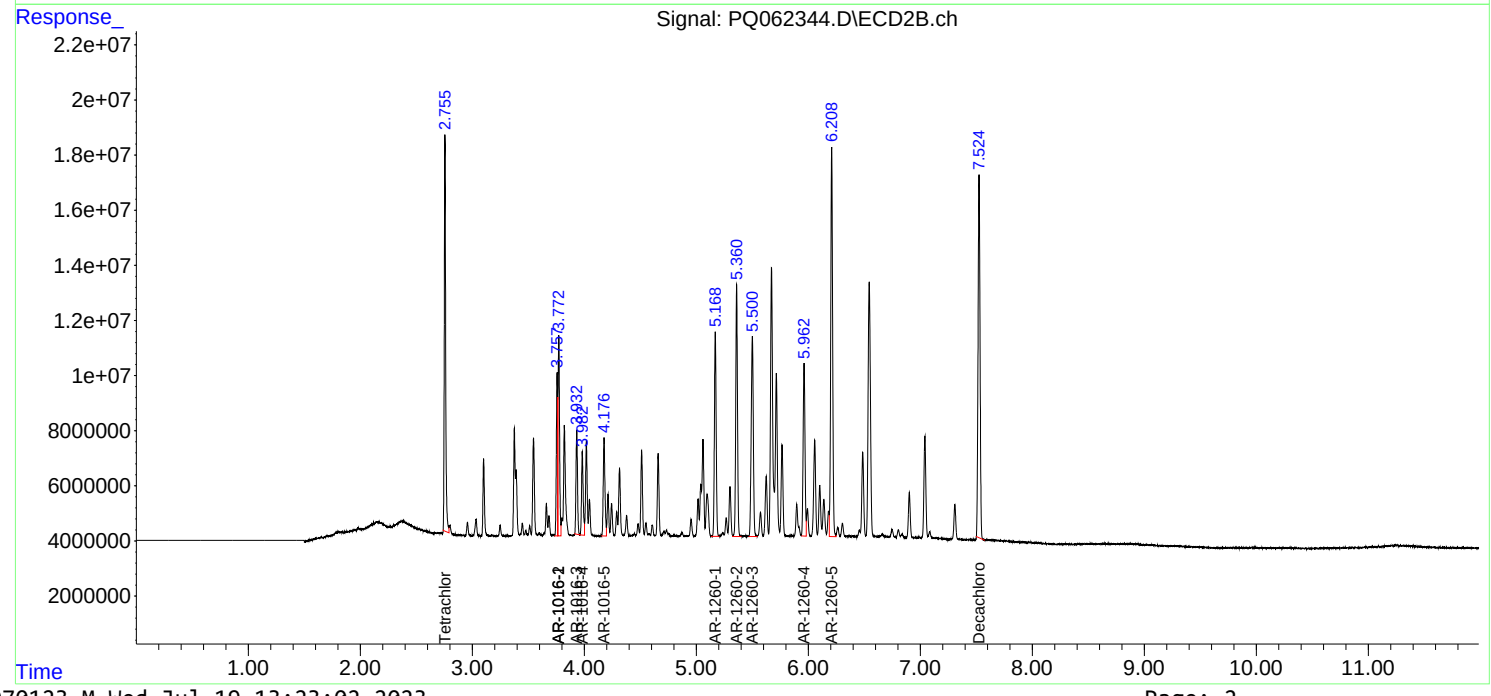
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071823\
Data File : PQ062344.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 15:47
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

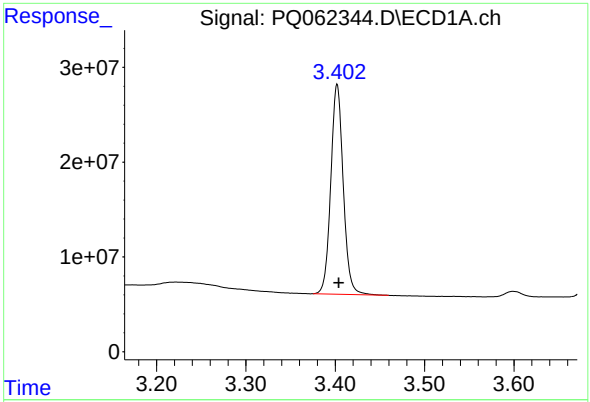
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 02:43:43 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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



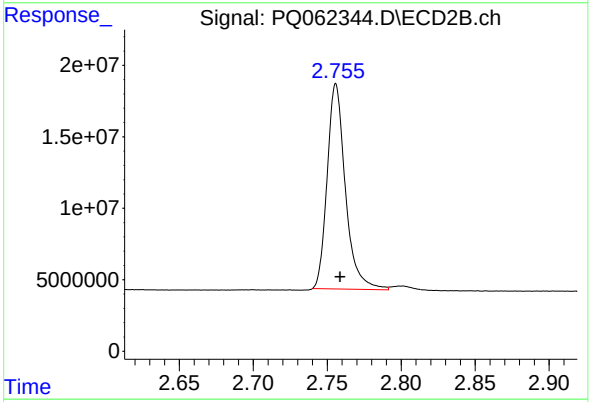




#1 Tetrachloro-m-xylene

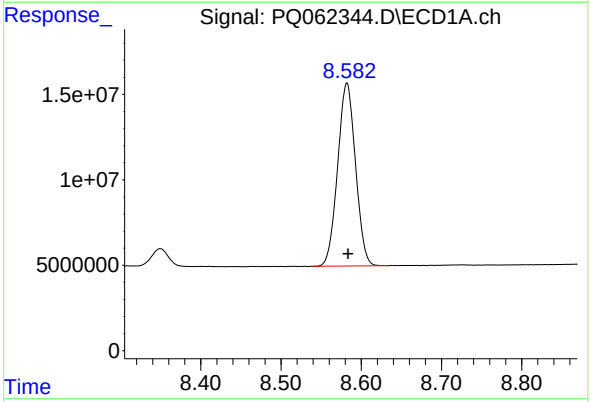
R.T.: 3.402 min
Delta R.T.: -0.002 min
Response: 214854612
Conc: 44.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



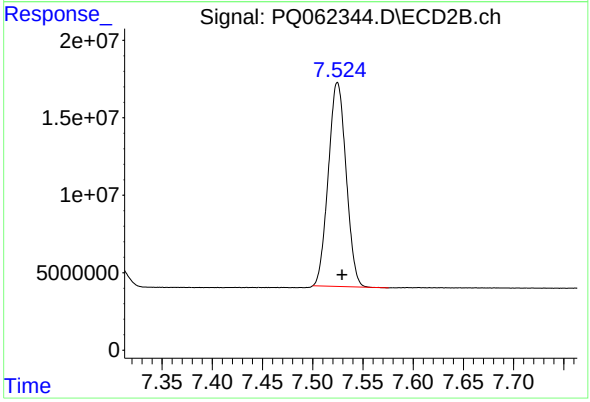
#1 Tetrachloro-m-xylene

R.T.: 2.756 min
Delta R.T.: -0.003 min
Response: 123312974
Conc: 49.15 ng/ml



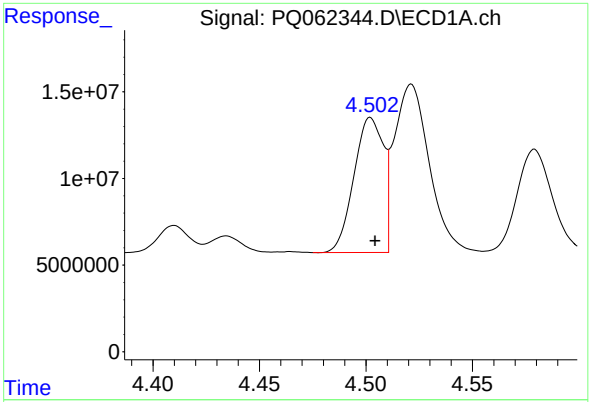
#2 Decachlorobiphenyl

R.T.: 8.582 min
Delta R.T.: -0.002 min
Response: 166015903
Conc: 45.70 ng/ml



#2 Decachlorobiphenyl

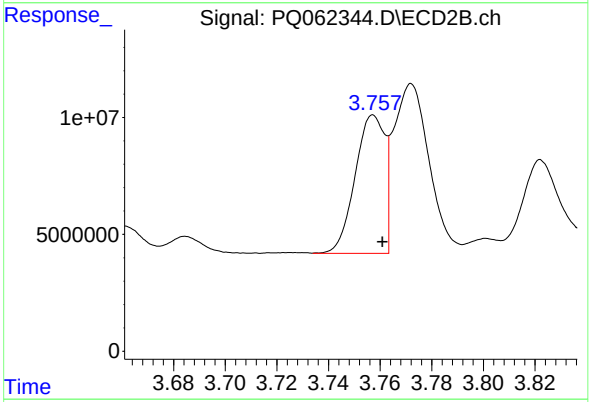
R.T.: 7.525 min
Delta R.T.: -0.005 min
Response: 162375792
Conc: 48.73 ng/ml



#3 AR-1016-1

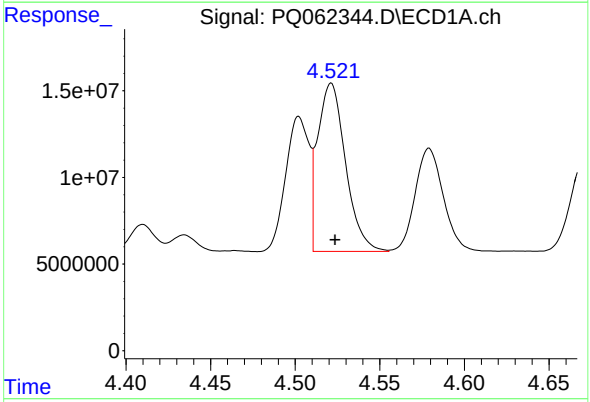
R.T.: 4.502 min
Delta R.T.: -0.002 min
Response: 75071615
Conc: 455.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



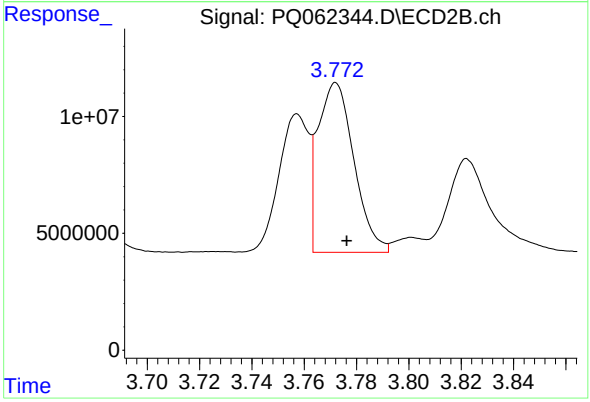
#3 AR-1016-1

R.T.: 3.757 min
Delta R.T.: -0.004 min
Response: 46924445
Conc: 474.10 ng/ml



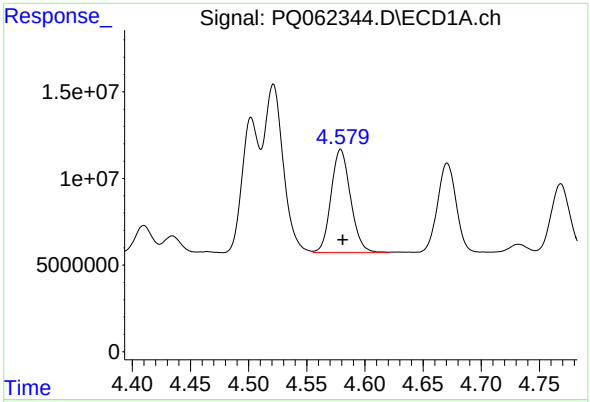
#4 AR-1016-2

R.T.: 4.521 min
Delta R.T.: -0.002 min
Response: 111107583
Conc: 449.34 ng/ml



#4 AR-1016-2

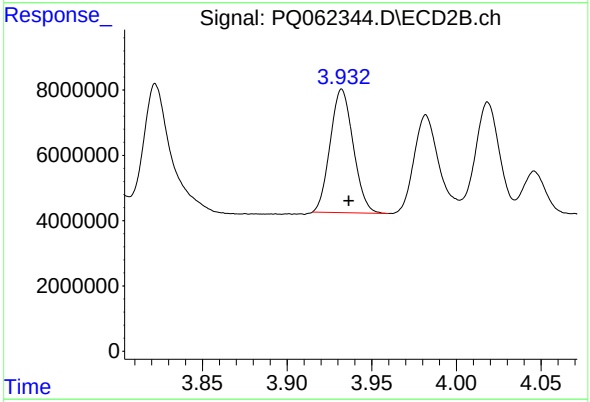
R.T.: 3.772 min
Delta R.T.: -0.004 min
Response: 69540965
Conc: 482.26 ng/ml



#5 AR-1016-3

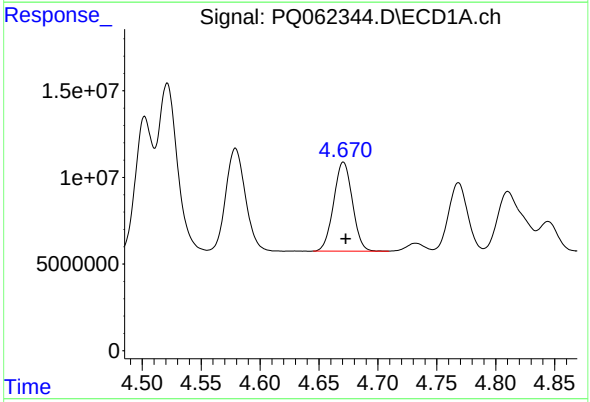
R.T.: 4.579 min
Delta R.T.: -0.002 min
Response: 68876391
Conc: 451.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



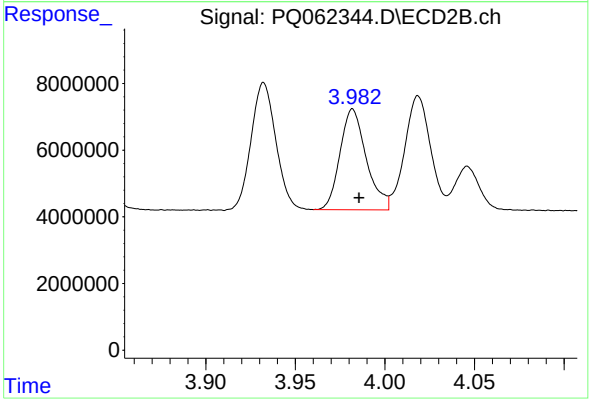
#5 AR-1016-3

R.T.: 3.932 min
Delta R.T.: -0.004 min
Response: 35814231
Conc: 474.72 ng/ml



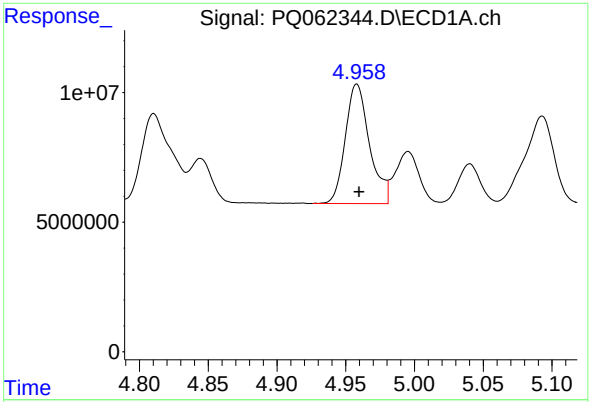
#6 AR-1016-4

R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 56919113
Conc: 454.10 ng/ml



#6 AR-1016-4

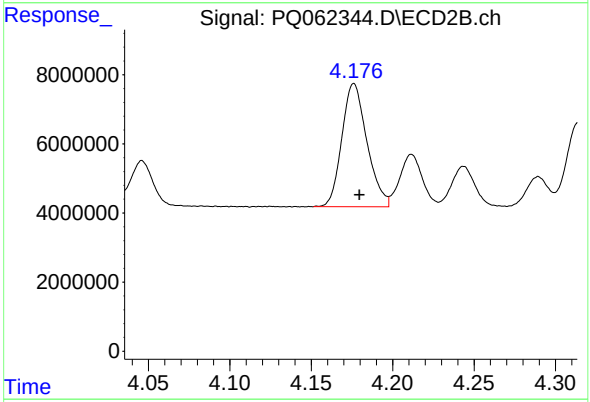
R.T.: 3.982 min
Delta R.T.: -0.004 min
Response: 30979738
Conc: 471.68 ng/ml



#7 AR-1016-5

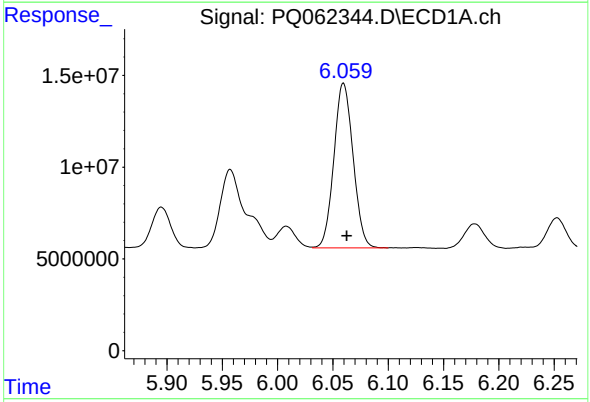
R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 56506762
Conc: 464.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



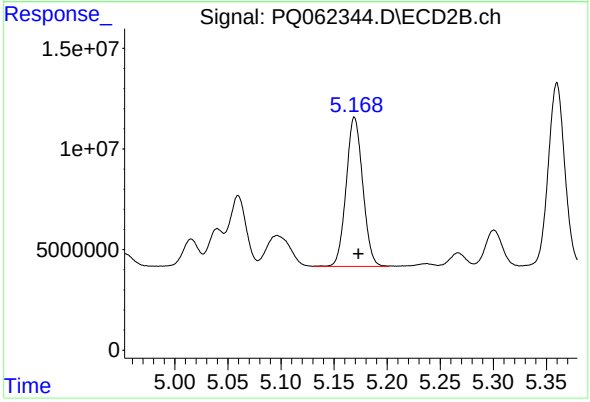
#7 AR-1016-5

R.T.: 4.176 min
Delta R.T.: -0.003 min
Response: 38266473
Conc: 466.77 ng/ml



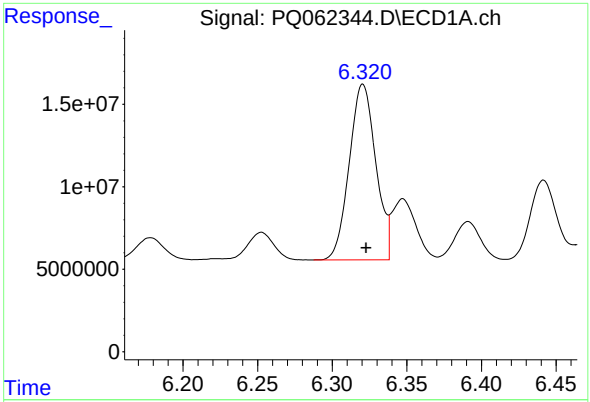
#31 AR-1260-1

R.T.: 6.060 min
Delta R.T.: -0.003 min
Response: 108320485
Conc: 459.12 ng/ml



#31 AR-1260-1

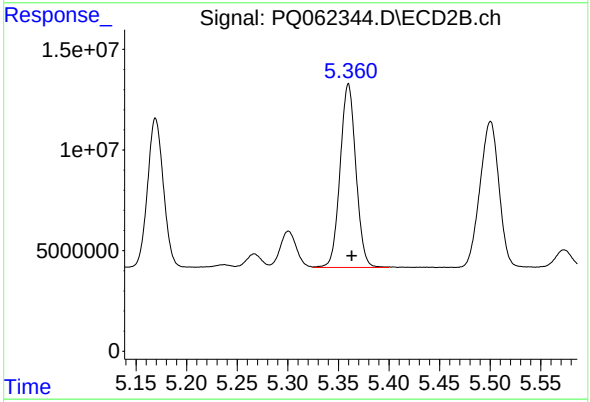
R.T.: 5.169 min
Delta R.T.: -0.004 min
Response: 80671257
Conc: 484.36 ng/ml



#32 AR-1260-2

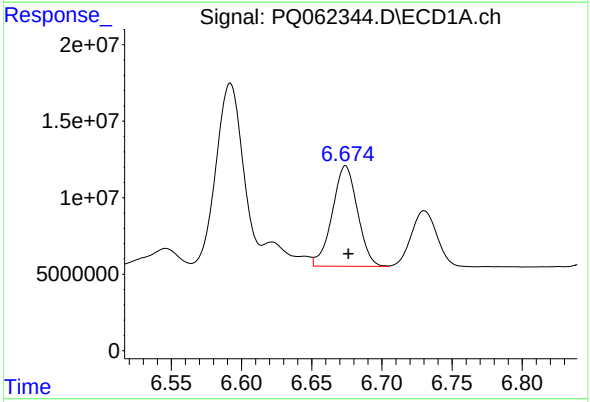
R.T.: 6.321 min
Delta R.T.: -0.002 min
Response: 131821610
Conc: 456.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



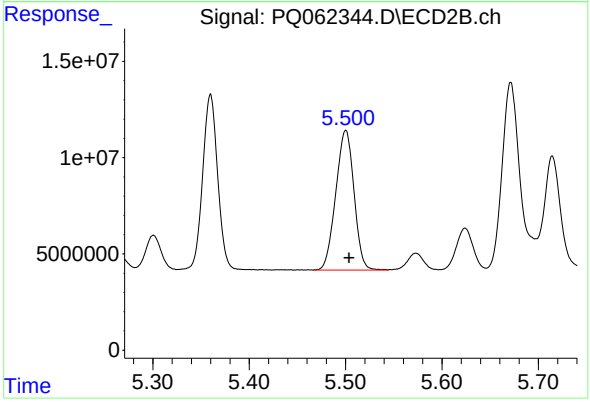
#32 AR-1260-2

R.T.: 5.360 min
Delta R.T.: -0.003 min
Response: 99187676
Conc: 476.99 ng/ml



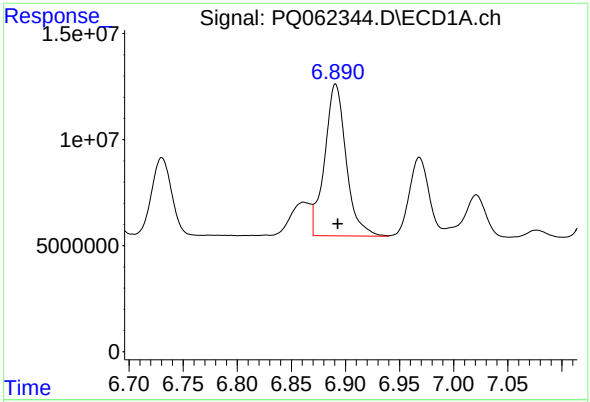
#33 AR-1260-3

R.T.: 6.674 min
Delta R.T.: -0.002 min
Response: 82189066
Conc: 465.46 ng/ml



#33 AR-1260-3

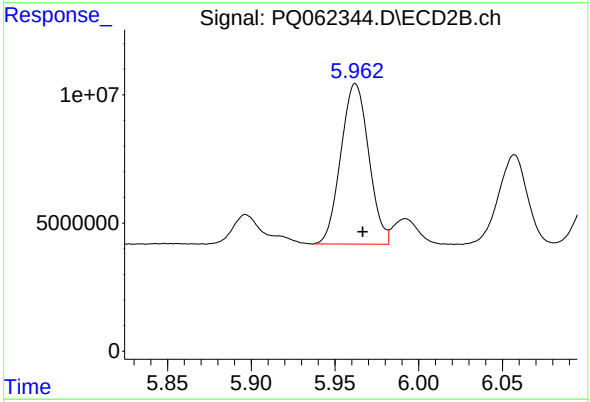
R.T.: 5.500 min
Delta R.T.: -0.003 min
Response: 95208478
Conc: 489.36 ng/ml



#34 AR-1260-4

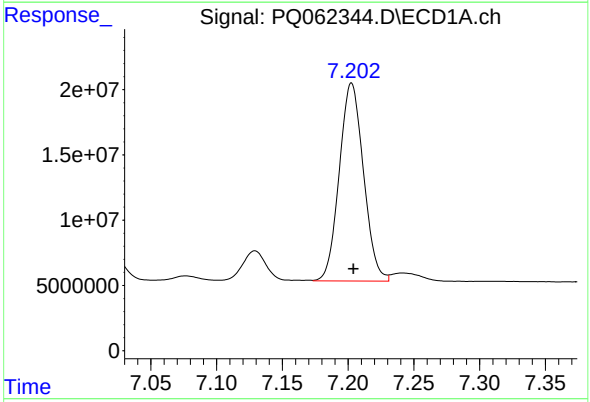
R.T.: 6.891 min
Delta R.T.: -0.002 min
Response: 98846196
Conc: 469.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



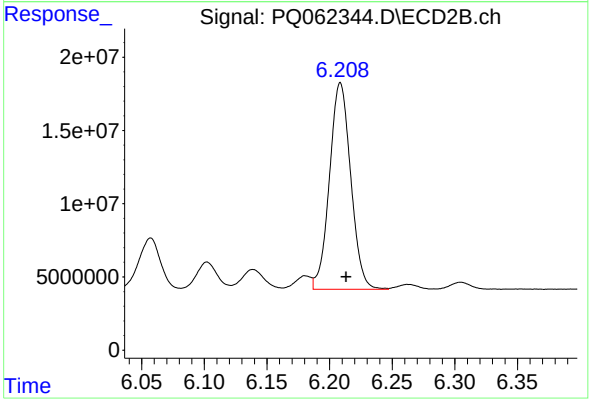
#34 AR-1260-4

R.T.: 5.962 min
Delta R.T.: -0.004 min
Response: 72652411
Conc: 498.09 ng/ml



#35 AR-1260-5

R.T.: 7.203 min
Delta R.T.: -0.001 min
Response: 194145964
Conc: 472.82 ng/ml



#35 AR-1260-5

R.T.: 6.209 min
Delta R.T.: -0.004 min
Response: 166690172
Conc: 501.99 ng/ml

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

Continuing Calib Date: 07/18/2023 **Initial Calibration Date(s):** 07/01/2023 07/01/2023

Continuing Calib Time: 21:53 **Initial Calibration Time(s):** 03:04 09:39

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)	4.50	4.50	4.40	4.60	0.00
Aroclor-1016-2	(2)	4.52	4.52	4.42	4.62	0.00
Aroclor-1016-3	(3)	4.58	4.58	4.48	4.68	0.00
Aroclor-1016-4	(4)	4.67	4.67	4.57	4.77	0.00
Aroclor-1016-5	(5)	4.96	4.96	4.86	5.06	0.00
Aroclor-1260-1	(1)	6.06	6.06	5.96	6.16	0.00
Aroclor-1260-2	(2)	6.32	6.32	6.22	6.42	0.00
Aroclor-1260-3	(3)	6.68	6.68	6.58	6.78	0.00
Aroclor-1260-4	(4)	6.89	6.89	6.79	6.99	0.00
Aroclor-1260-5	(5)	7.20	7.20	7.10	7.30	0.00
Tetrachloro-m-xylene		3.40	3.40	3.30	3.50	0.00
Decachlorobiphenyl		8.58	8.58	8.48	8.68	0.00

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

Continuing Calib Date: 07/18/2023 **Initial Calibration Date(s):** 07/01/2023 07/01/2023

Continuing Calib Time: 21:53 **Initial Calibration Time(s):** 03:04 09:39

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)	3.76	3.76	3.66	3.86	0.00
Aroclor-1016-2	(2)	3.77	3.78	3.68	3.88	0.01
Aroclor-1016-3	(3)	3.93	3.94	3.84	4.04	0.01
Aroclor-1016-4	(4)	3.98	3.99	3.89	4.09	0.01
Aroclor-1016-5	(5)	4.18	4.18	4.08	4.28	0.00
Aroclor-1260-1	(1)	5.17	5.17	5.07	5.27	0.00
Aroclor-1260-2	(2)	5.36	5.36	5.26	5.46	0.00
Aroclor-1260-3	(3)	5.50	5.50	5.40	5.60	0.00
Aroclor-1260-4	(4)	5.96	5.97	5.87	6.07	0.01
Aroclor-1260-5	(5)	6.21	6.21	6.11	6.31	0.00
Tetrachloro-m-xylene		2.76	2.76	2.66	2.86	0.00
Decachlorobiphenyl		7.52	7.53	7.43	7.63	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/01/2023 07/01/2023

Client Sample No.: CCAL03 **Date Analyzed:** 07/18/2023

Lab Sample No.: AR1660CCC500 **Data File :** PQ062366.D **Time Analyzed:** 21:53

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.502	4.404	4.604	468.090	500.000	-6.4
Aroclor-1016-2	4.521	4.424	4.624	462.940	500.000	-7.4
Aroclor-1016-3	4.579	4.481	4.681	461.900	500.000	-7.6
Aroclor-1016-4	4.671	4.573	4.773	467.300	500.000	-6.5
Aroclor-1016-5	4.958	4.860	5.060	470.260	500.000	-5.9
Aroclor-1260-1	6.061	5.963	6.163	469.520	500.000	-6.1
Aroclor-1260-2	6.321	6.223	6.423	468.840	500.000	-6.2
Aroclor-1260-3	6.675	6.576	6.776	472.030	500.000	-5.6
Aroclor-1260-4	6.891	6.793	6.993	474.710	500.000	-5.1
Aroclor-1260-5	7.203	7.104	7.304	486.590	500.000	-2.7
Decachlorobiphenyl	8.581	8.484	8.684	48.760	50.000	-2.5
Tetrachloro-m-xylene	3.401	3.304	3.504	45.410	50.000	-9.2

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/01/2023 07/01/2023

Client Sample No.: CCAL03 **Date Analyzed:** 07/18/2023

Lab Sample No.: AR1660CCC500 **Data File :** PQ062366.D **Time Analyzed:** 21:53

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.756	3.661	3.861	478.180	500.000	-4.4
Aroclor-1016-2	3.772	3.676	3.876	478.850	500.000	-4.2
Aroclor-1016-3	3.931	3.836	4.036	472.580	500.000	-5.5
Aroclor-1016-4	3.981	3.886	4.086	469.160	500.000	-6.2
Aroclor-1016-5	4.175	4.080	4.280	478.220	500.000	-4.4
Aroclor-1260-1	5.169	5.073	5.273	499.800	500.000	0.0
Aroclor-1260-2	5.359	5.263	5.463	495.400	500.000	-0.9
Aroclor-1260-3	5.500	5.404	5.604	500.630	500.000	0.1
Aroclor-1260-4	5.961	5.867	6.067	507.020	500.000	1.4
Aroclor-1260-5	6.208	6.113	6.313	515.780	500.000	3.2
Decachlorobiphenyl	7.524	7.429	7.629	50.960	50.000	1.9
Tetrachloro-m-xylene	2.755	2.659	2.859	50.060	50.000	0.1

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071823\
Data File : PQ062366.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 21:53
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: Jul 19 02:58:05 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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...	3.401	2.755	221.5E6	125.6E6	45.407	50.059
2)	SA Decachlor...	8.581	7.524	177.1E6	169.8E6	48.760	50.963
	Target Compounds						
3)	L1 AR-1016-1	4.502	3.756	77102733	47328264	468.090	478.182
4)	L1 AR-1016-2	4.521	3.772	114.5E6	69049422	462.942	478.848
5)	L1 AR-1016-3	4.579	3.931	70396378	35652968	461.901	472.583
6)	L1 AR-1016-4	4.671	3.981	58573243	30814300	467.295	469.164
7)	L1 AR-1016-5	4.958	4.175	57238428	39205580	470.259	478.224
31)	L7 AR-1260-1	6.061	5.169	110.8E6	83242768	469.521	499.797
32)	L7 AR-1260-2	6.321	5.359	135.4E6	103.0E6	468.842	495.401
33)	L7 AR-1260-3	6.675	5.500	83348645	97402577	472.026	500.633
34)	L7 AR-1260-4	6.891	5.961	99998353	73954173	474.714	507.016
35)	L7 AR-1260-5	7.203	6.208	199.8E6	171.3E6	486.591	515.775

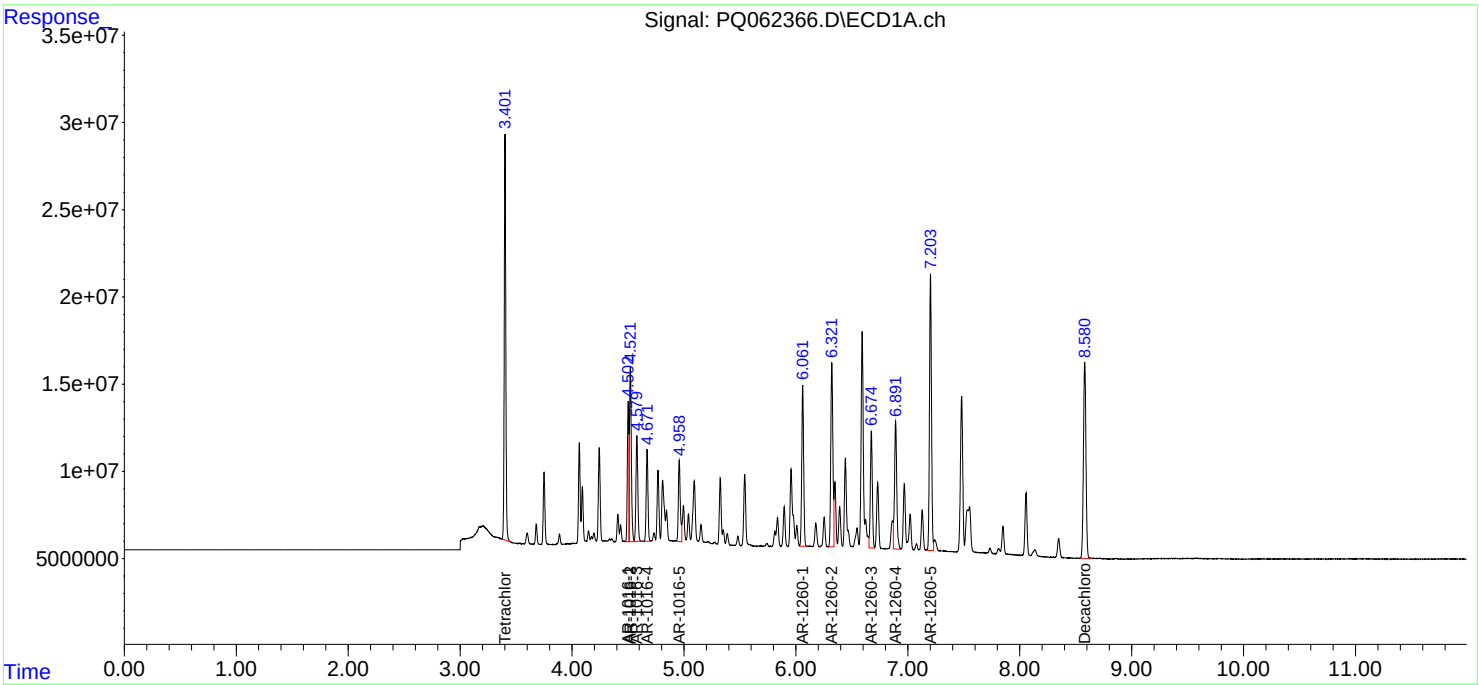
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

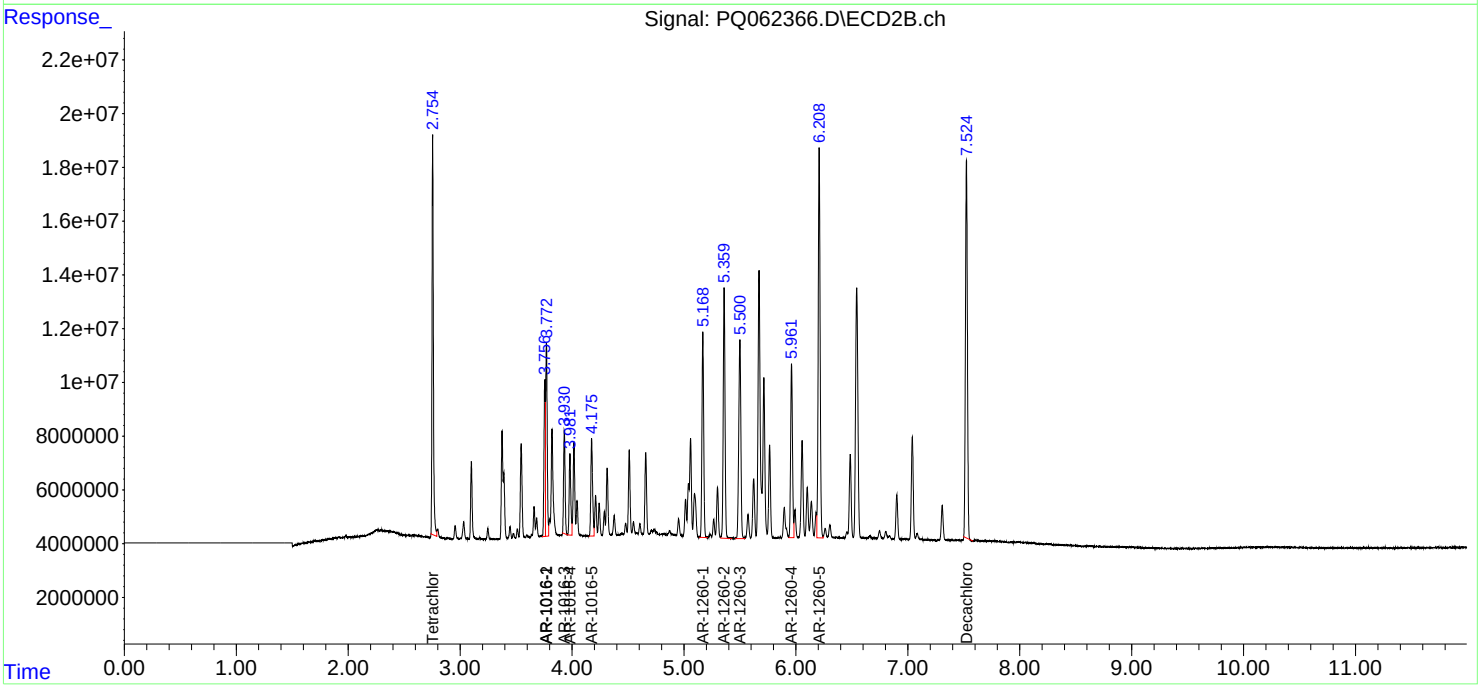
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071823\
Data File : PQ062366.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 21:53
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

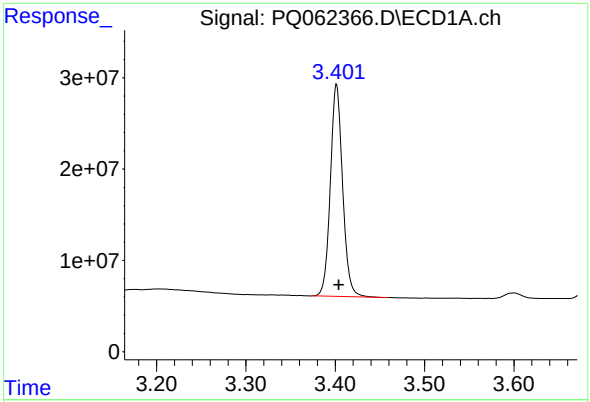
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 02:58:05 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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



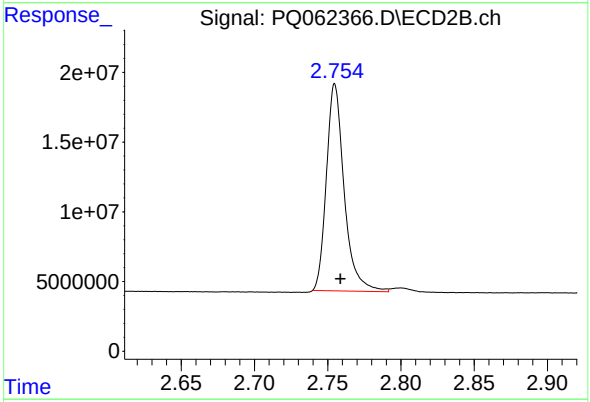




#1 Tetrachloro-m-xylene

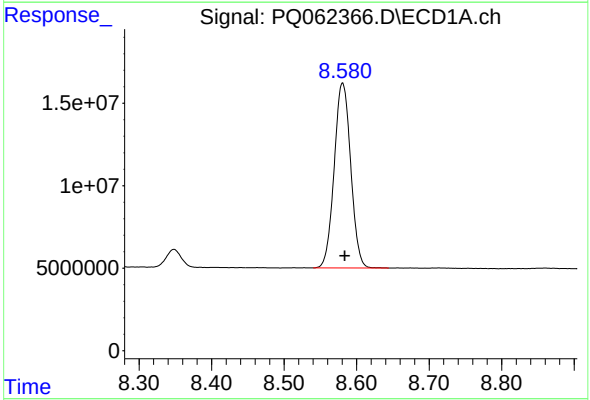
R.T.: 3.401 min
Delta R.T.: -0.003 min
Response: 221505030
Conc: 45.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



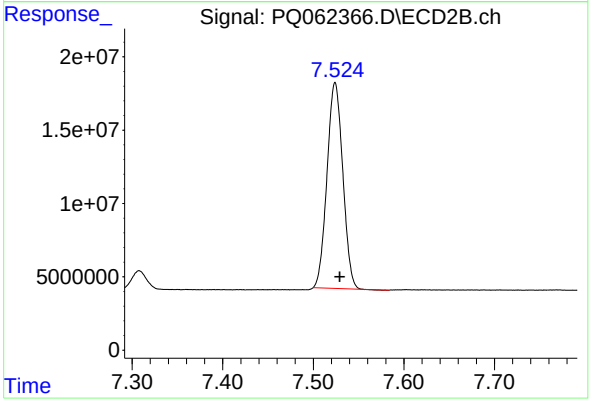
#1 Tetrachloro-m-xylene

R.T.: 2.755 min
Delta R.T.: -0.004 min
Response: 125603392
Conc: 50.06 ng/ml



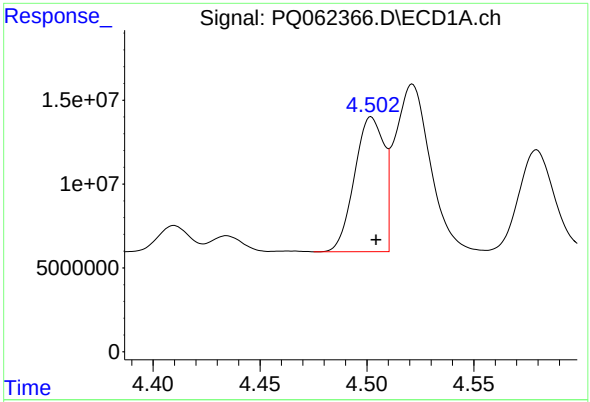
#2 Decachlorobiphenyl

R.T.: 8.581 min
Delta R.T.: -0.003 min
Response: 177132756
Conc: 48.76 ng/ml



#2 Decachlorobiphenyl

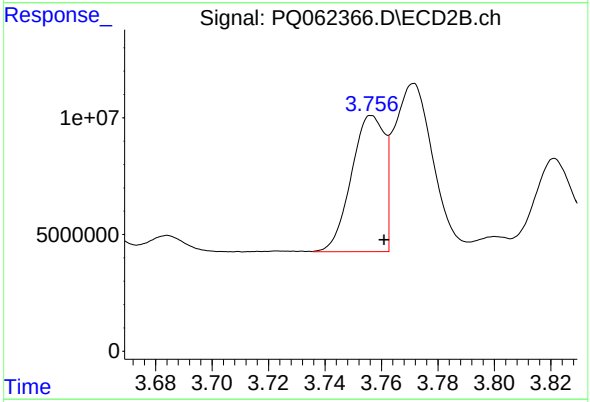
R.T.: 7.524 min
Delta R.T.: -0.005 min
Response: 169817858
Conc: 50.96 ng/ml



#3 AR-1016-1

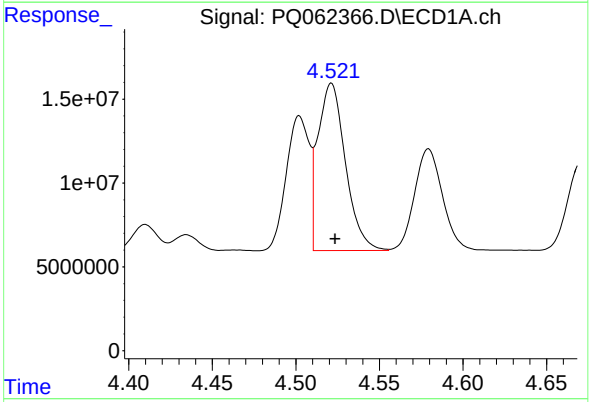
R.T.: 4.502 min
Delta R.T.: -0.002 min
Response: 77102733
Conc: 468.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



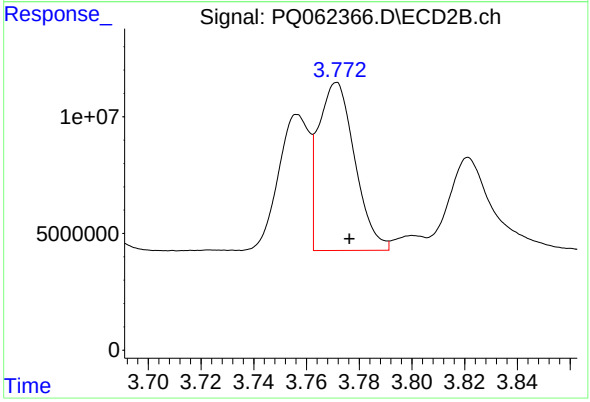
#3 AR-1016-1

R.T.: 3.756 min
Delta R.T.: -0.004 min
Response: 47328264
Conc: 478.18 ng/ml



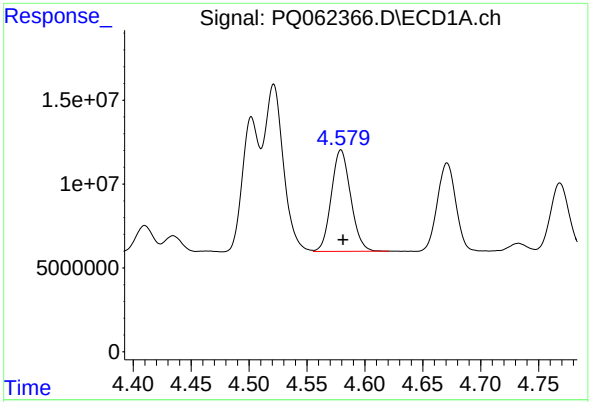
#4 AR-1016-2

R.T.: 4.521 min
Delta R.T.: -0.002 min
Response: 114470897
Conc: 462.94 ng/ml



#4 AR-1016-2

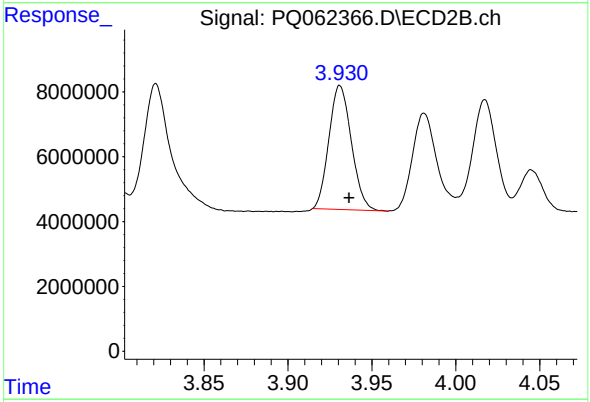
R.T.: 3.772 min
Delta R.T.: -0.005 min
Response: 69049422
Conc: 478.85 ng/ml



#5 AR-1016-3

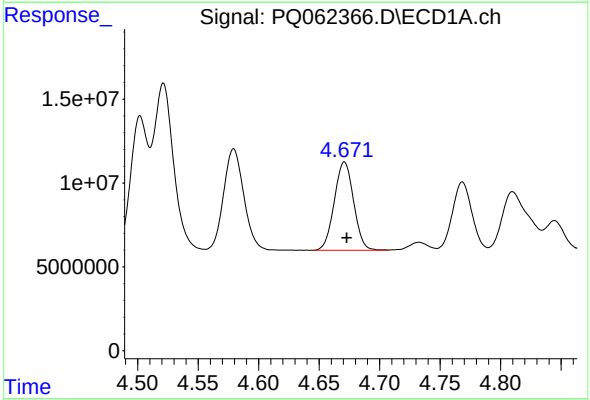
R.T.: 4.579 min
Delta R.T.: -0.002 min
Response: 70396378
Conc: 461.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



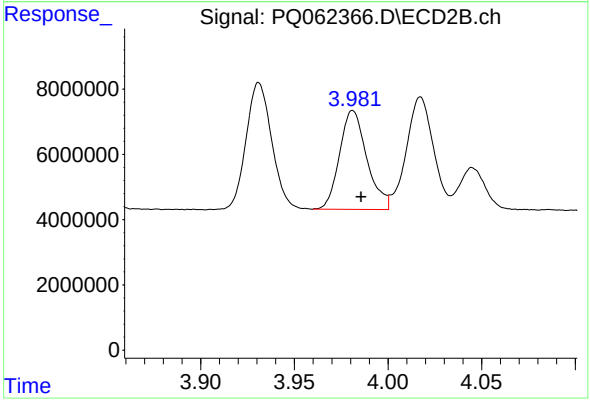
#5 AR-1016-3

R.T.: 3.931 min
Delta R.T.: -0.005 min
Response: 35652968
Conc: 472.58 ng/ml



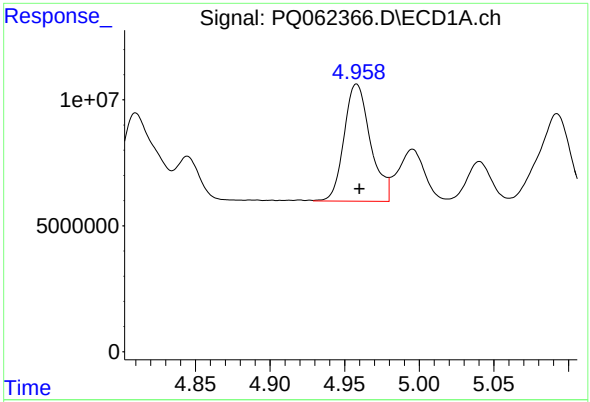
#6 AR-1016-4

R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 58573243
Conc: 467.30 ng/ml



#6 AR-1016-4

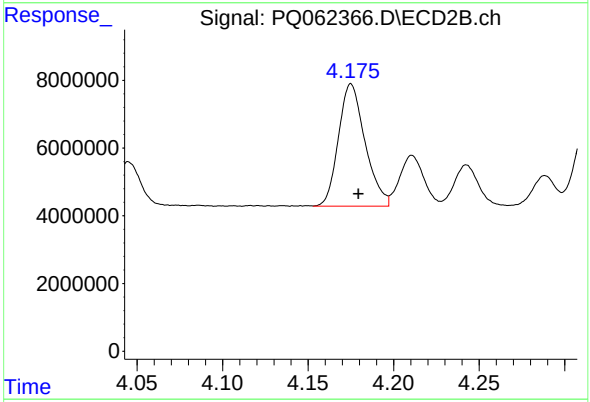
R.T.: 3.981 min
Delta R.T.: -0.005 min
Response: 30814300
Conc: 469.16 ng/ml



#7 AR-1016-5

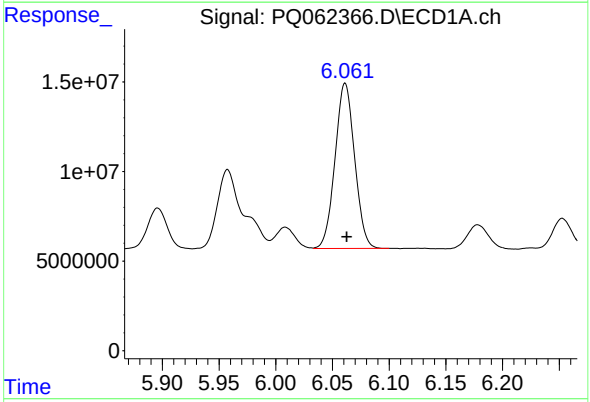
R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 57238428
Conc: 470.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



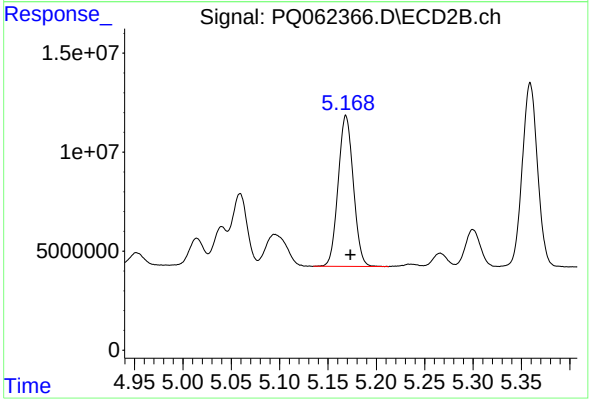
#7 AR-1016-5

R.T.: 4.175 min
Delta R.T.: -0.004 min
Response: 39205580
Conc: 478.22 ng/ml



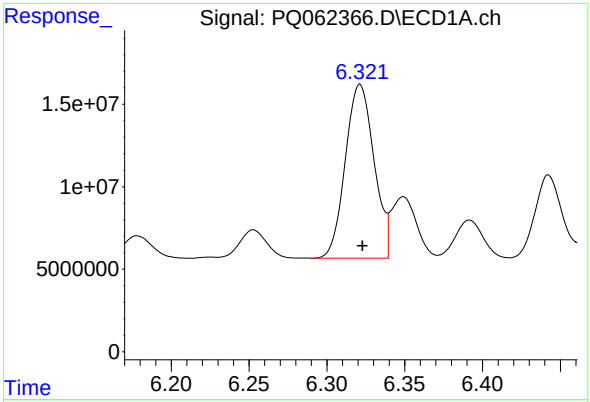
#31 AR-1260-1

R.T.: 6.061 min
Delta R.T.: -0.001 min
Response: 110774945
Conc: 469.52 ng/ml



#31 AR-1260-1

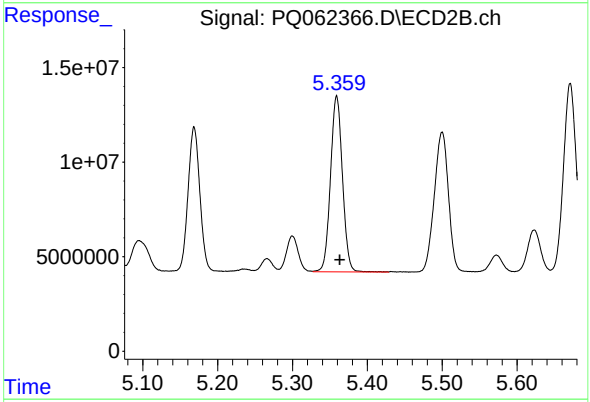
R.T.: 5.169 min
Delta R.T.: -0.005 min
Response: 83242768
Conc: 499.80 ng/ml



#32 AR-1260-2

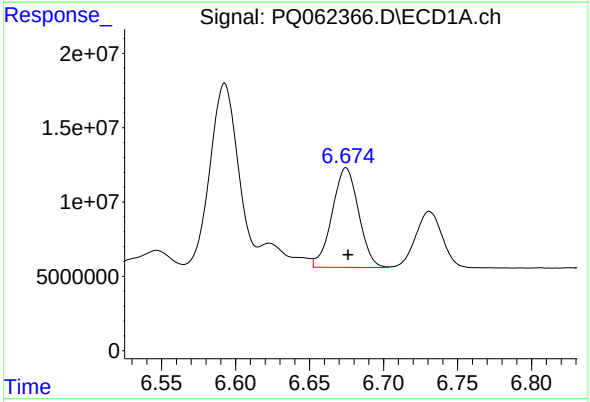
R.T.: 6.321 min
Delta R.T.: -0.002 min
Response: 135407536
Conc: 468.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



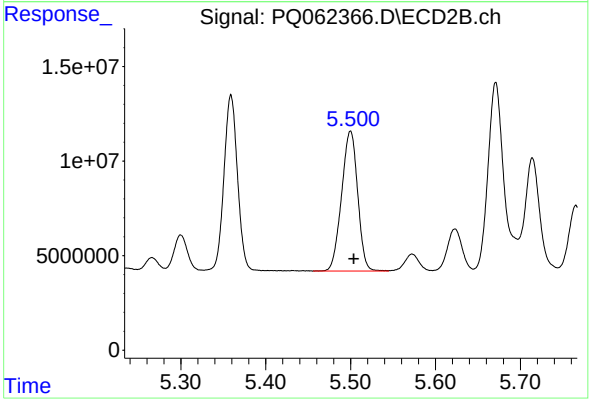
#32 AR-1260-2

R.T.: 5.359 min
Delta R.T.: -0.004 min
Response: 103016683
Conc: 495.40 ng/ml



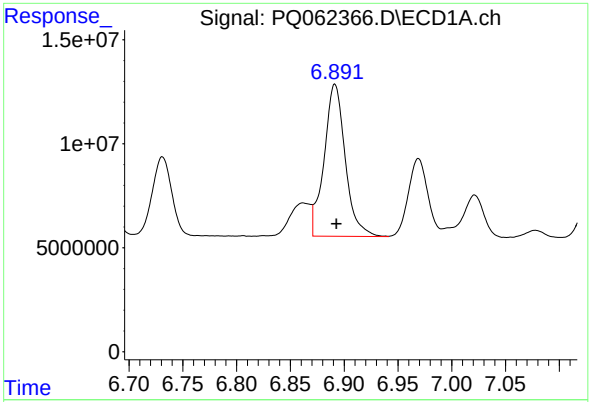
#33 AR-1260-3

R.T.: 6.675 min
Delta R.T.: -0.001 min
Response: 83348645
Conc: 472.03 ng/ml



#33 AR-1260-3

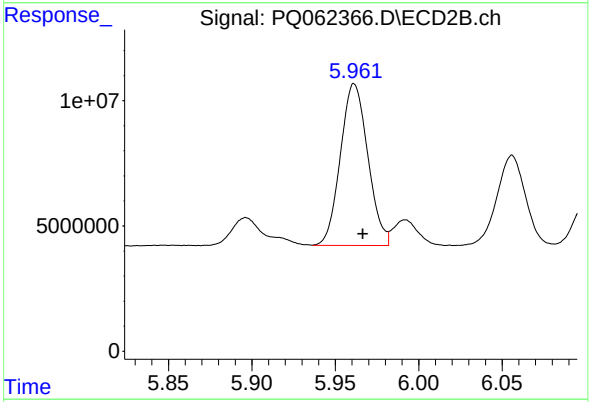
R.T.: 5.500 min
Delta R.T.: -0.004 min
Response: 97402577
Conc: 500.63 ng/ml



#34 AR-1260-4

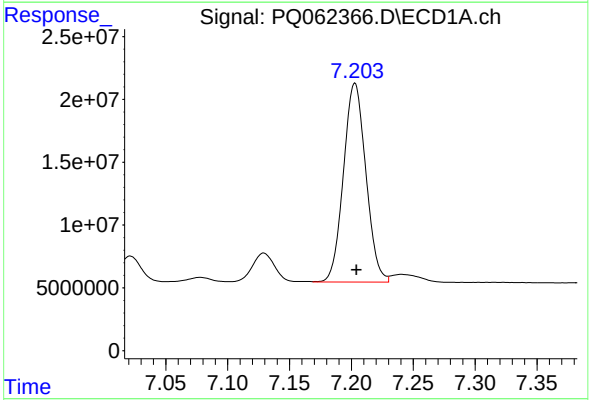
R.T.: 6.891 min
Delta R.T.: -0.002 min
Response: 99998353
Conc: 474.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



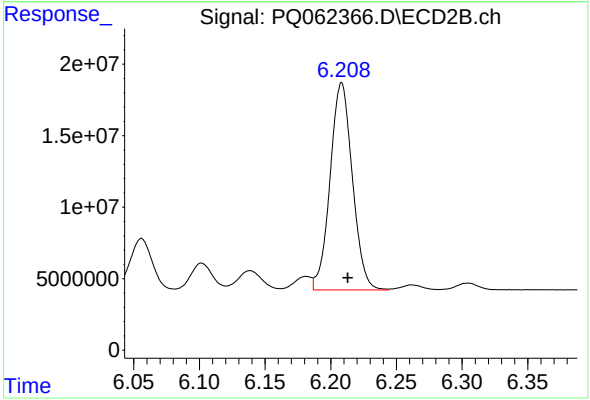
#34 AR-1260-4

R.T.: 5.961 min
Delta R.T.: -0.005 min
Response: 73954173
Conc: 507.02 ng/ml



#35 AR-1260-5

R.T.: 7.203 min
Delta R.T.: -0.001 min
Response: 199798751
Conc: 486.59 ng/ml



#35 AR-1260-5

R.T.: 6.208 min
Delta R.T.: -0.005 min
Response: 171267763
Conc: 515.78 ng/ml

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

Continuing Calib Date: 07/19/2023 **Initial Calibration Date(s):** 07/01/2023 07/01/2023

Continuing Calib Time: 01:03 **Initial Calibration Time(s):** 03:04 09:39

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)	4.50	4.50	4.40	4.60	0.00
Aroclor-1016-2	(2)	4.52	4.52	4.42	4.62	0.00
Aroclor-1016-3	(3)	4.58	4.58	4.48	4.68	0.00
Aroclor-1016-4	(4)	4.67	4.67	4.57	4.77	0.00
Aroclor-1016-5	(5)	4.96	4.96	4.86	5.06	0.00
Aroclor-1260-1	(1)	6.06	6.06	5.96	6.16	0.00
Aroclor-1260-2	(2)	6.32	6.32	6.22	6.42	0.00
Aroclor-1260-3	(3)	6.67	6.68	6.58	6.78	0.01
Aroclor-1260-4	(4)	6.89	6.89	6.79	6.99	0.00
Aroclor-1260-5	(5)	7.20	7.20	7.10	7.30	0.00
Tetrachloro-m-xylene		3.40	3.40	3.30	3.50	0.00
Decachlorobiphenyl		8.58	8.58	8.48	8.68	0.00

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

Continuing Calib Date: 07/19/2023 **Initial Calibration Date(s):** 07/01/2023 07/01/2023

Continuing Calib Time: 01:03 **Initial Calibration Time(s):** 03:04 09:39

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)	3.76	3.76	3.66	3.86	0.00
Aroclor-1016-2	(2)	3.77	3.78	3.68	3.88	0.01
Aroclor-1016-3	(3)	3.93	3.94	3.84	4.04	0.01
Aroclor-1016-4	(4)	3.98	3.99	3.89	4.09	0.01
Aroclor-1016-5	(5)	4.18	4.18	4.08	4.28	0.00
Aroclor-1260-1	(1)	5.17	5.17	5.07	5.27	0.00
Aroclor-1260-2	(2)	5.36	5.36	5.26	5.46	0.00
Aroclor-1260-3	(3)	5.50	5.50	5.40	5.60	0.00
Aroclor-1260-4	(4)	5.96	5.97	5.87	6.07	0.01
Aroclor-1260-5	(5)	6.21	6.21	6.11	6.31	0.00
Tetrachloro-m-xylene		2.75	2.76	2.66	2.86	0.01
Decachlorobiphenyl		7.52	7.53	7.43	7.63	0.01

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/01/2023 07/01/2023

Client Sample No.: CCAL04 **Date Analyzed:** 07/19/2023

Lab Sample No.: AR1660CCC500 **Data File :** PQ062375.D **Time Analyzed:** 01:03

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.502	4.404	4.604	473.080	500.000	-5.4
Aroclor-1016-2	4.521	4.424	4.624	474.550	500.000	-5.1
Aroclor-1016-3	4.579	4.481	4.681	479.470	500.000	-4.1
Aroclor-1016-4	4.671	4.573	4.773	474.200	500.000	-5.2
Aroclor-1016-5	4.958	4.860	5.060	479.590	500.000	-4.1
Aroclor-1260-1	6.060	5.963	6.163	476.510	500.000	-4.7
Aroclor-1260-2	6.321	6.223	6.423	477.840	500.000	-4.4
Aroclor-1260-3	6.674	6.576	6.776	485.550	500.000	-2.9
Aroclor-1260-4	6.892	6.793	6.993	490.150	500.000	-2.0
Aroclor-1260-5	7.203	7.104	7.304	500.690	500.000	0.1
Decachlorobiphenyl	8.581	8.484	8.684	50.190	50.000	0.4
Tetrachloro-m-xylene	3.402	3.304	3.504	46.580	50.000	-6.8

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/01/2023 07/01/2023

Client Sample No.: CCAL04 **Date Analyzed:** 07/19/2023

Lab Sample No.: AR1660CCC500 **Data File :** PQ062375.D **Time Analyzed:** 01:03

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.757	3.661	3.861	493.100	500.000	-1.4
Aroclor-1016-2	3.772	3.676	3.876	495.660	500.000	-0.9
Aroclor-1016-3	3.932	3.836	4.036	488.310	500.000	-2.3
Aroclor-1016-4	3.981	3.886	4.086	484.780	500.000	-3.0
Aroclor-1016-5	4.176	4.080	4.280	491.390	500.000	-1.7
Aroclor-1260-1	5.168	5.073	5.273	500.750	500.000	0.2
Aroclor-1260-2	5.360	5.263	5.463	495.220	500.000	-1.0
Aroclor-1260-3	5.500	5.404	5.604	498.740	500.000	-0.3
Aroclor-1260-4	5.962	5.867	6.067	506.020	500.000	1.2
Aroclor-1260-5	6.208	6.113	6.313	521.170	500.000	4.2
Decachlorobiphenyl	7.524	7.429	7.629	54.260	50.000	8.5
Tetrachloro-m-xylene	2.754	2.659	2.859	52.260	50.000	4.5

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071823\
Data File : PQ062375.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jul 2023 01:03
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 03:02:27 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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...	3.402	2.754	227.2E6	131.1E6	46.584	52.263m
2)	SA Decachlor...	8.581	7.524	182.3E6	180.8E6	50.187	54.256m
	Target Compounds						
3)	L1 AR-1016-1	4.502	3.757	77925517	48804728	473.085	493.100
4)	L1 AR-1016-2	4.521	3.772	117.3E6	71473452	474.545	495.659
5)	L1 AR-1016-3	4.579	3.932	73073675	36839415	479.468	488.310
6)	L1 AR-1016-4	4.671	3.981	59438260	31839894	474.196	484.779
7)	L1 AR-1016-5	4.958	4.176	58374264	40284562	479.591	491.385
31)	L7 AR-1260-1	6.060	5.168	112.4E6	83401393	476.508	500.749
32)	L7 AR-1260-2	6.321	5.360	138.0E6	103.0E6	477.837	495.219
33)	L7 AR-1260-3	6.674	5.500	85736292	97034929	485.548	498.744
34)	L7 AR-1260-4	6.892	5.962	103.3E6	73809377	490.153	506.024
35)	L7 AR-1260-5	7.203	6.208	205.6E6	173.1E6	500.691	521.171

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071823\
Data File : PQ062375.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jul 2023 01:03
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

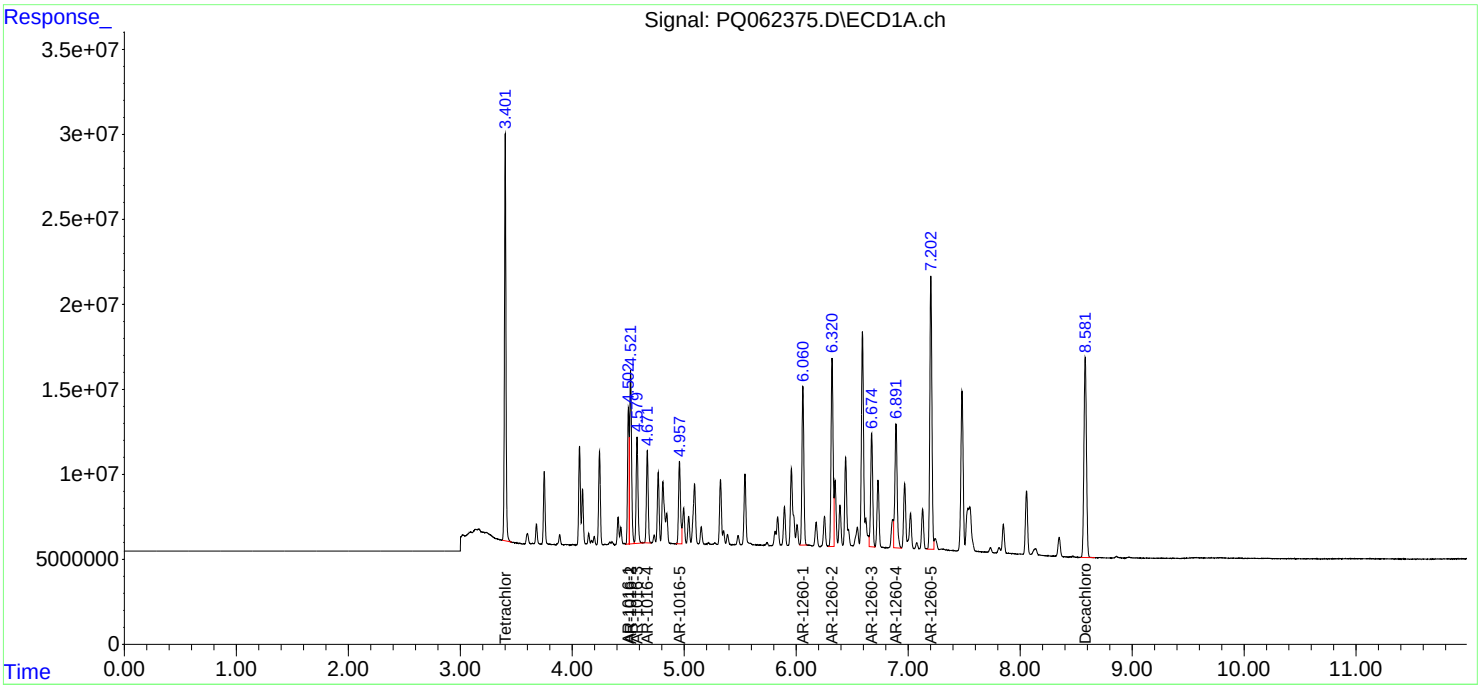
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

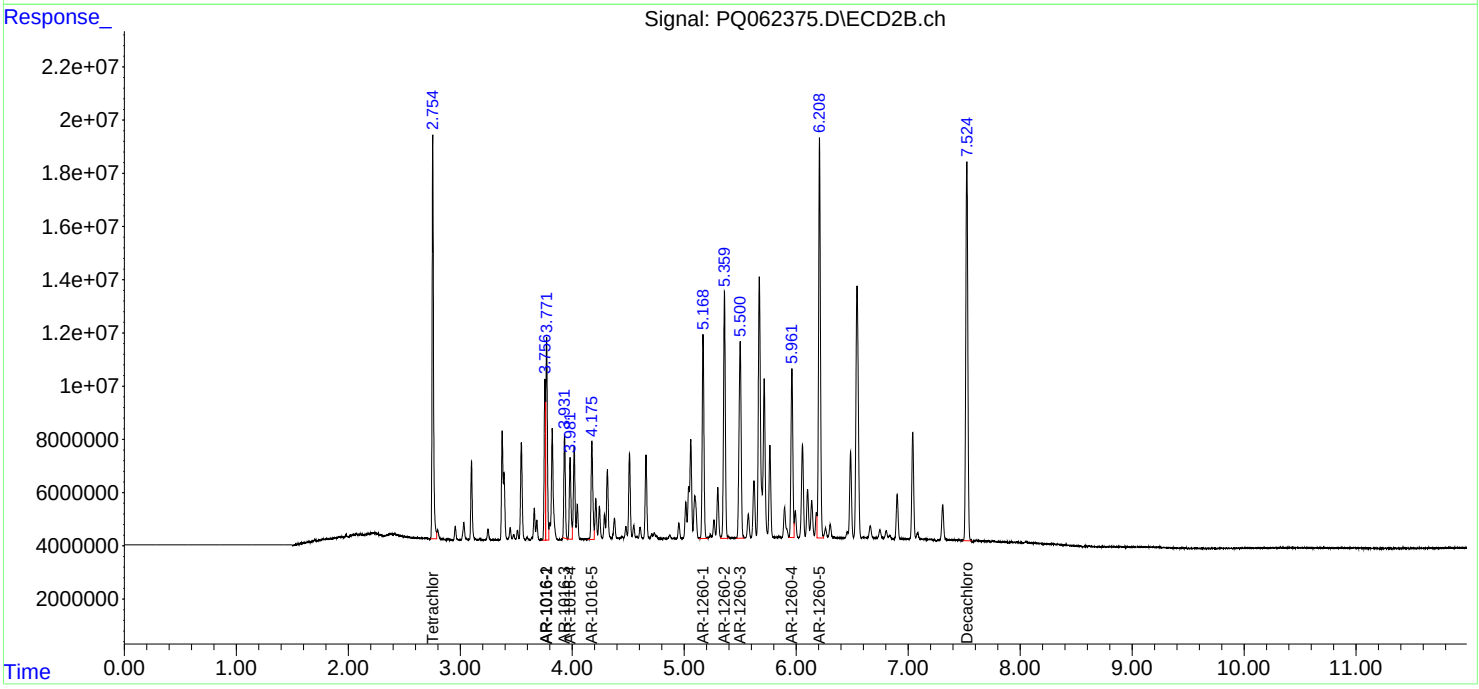
Manual Integrations APPROVED

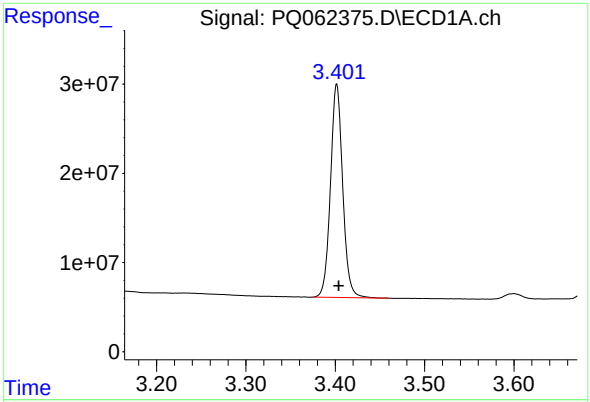
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 03:02:27 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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







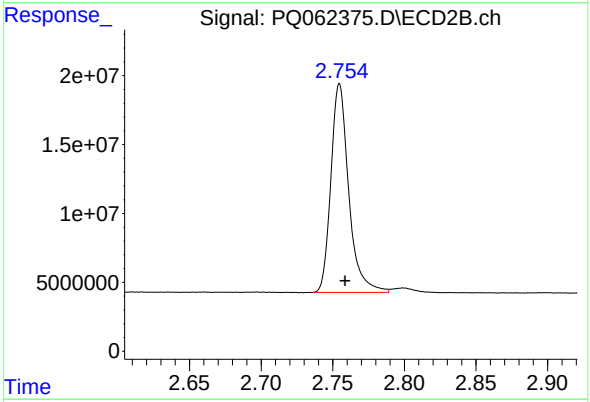
#1 Tetrachloro-m-xylene

R.T.: 3.402 min
Delta R.T.: -0.002 min
Response: 227247578
Conc: 46.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

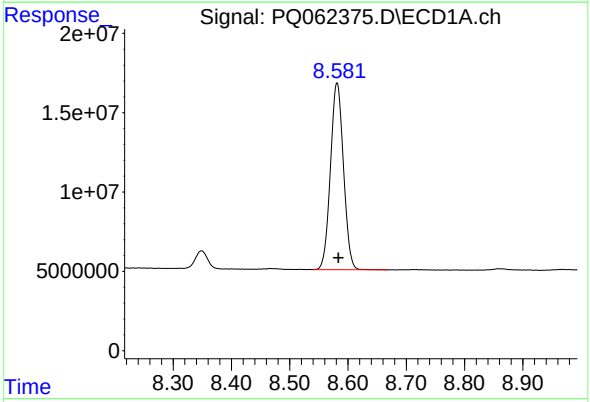
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023



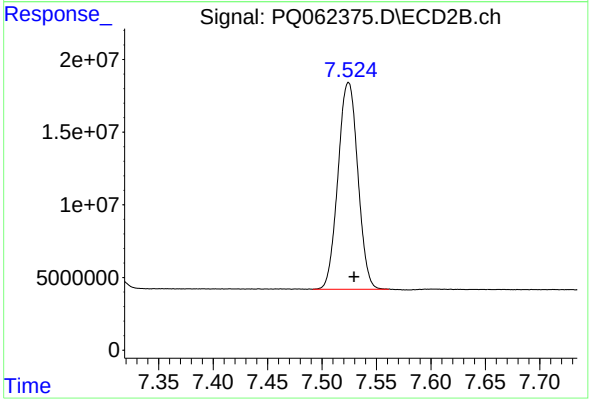
#1 Tetrachloro-m-xylene

R.T.: 2.754 min
Delta R.T.: -0.004 min
Response: 131133370
Conc: 52.26 ng/ml m



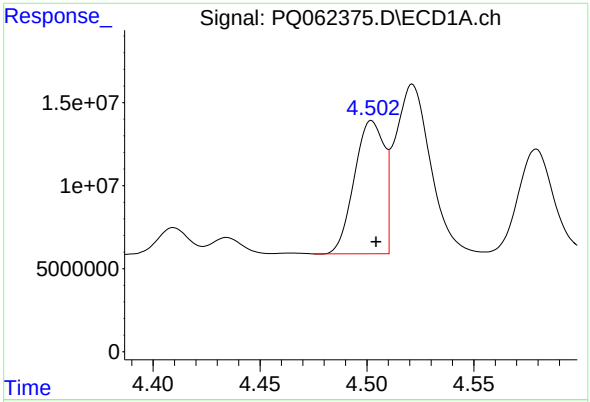
#2 Decachlorobiphenyl

R.T.: 8.581 min
Delta R.T.: -0.002 min
Response: 182317520
Conc: 50.19 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.524 min
Delta R.T.: -0.005 min
Response: 180790352
Conc: 54.26 ng/ml m



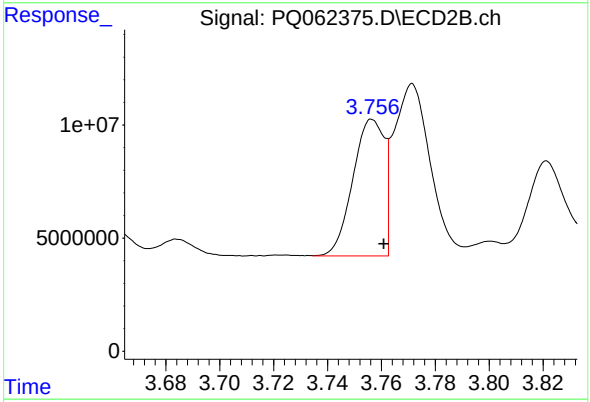
#3 AR-1016-1

R.T.: 4.502 min
Delta R.T.: -0.002 min
Response: 77925517
Conc: 473.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

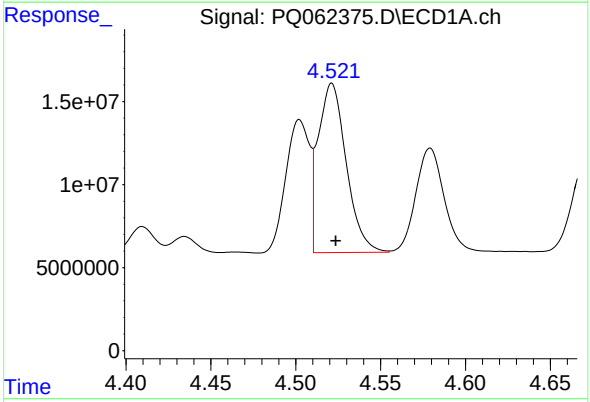
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023



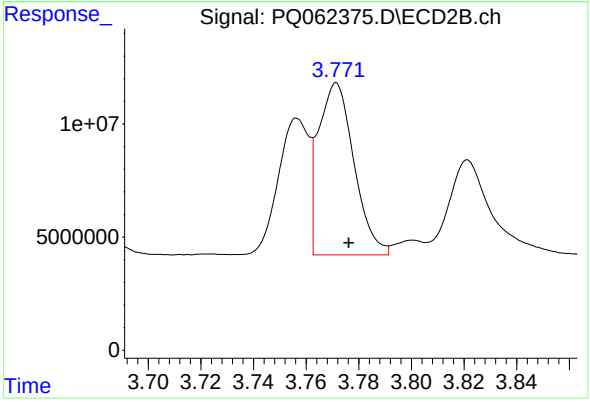
#3 AR-1016-1

R.T.: 3.757 min
Delta R.T.: -0.004 min
Response: 48804728
Conc: 493.10 ng/ml



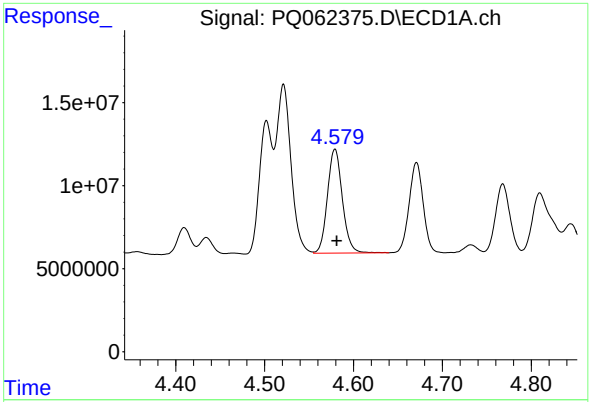
#4 AR-1016-2

R.T.: 4.521 min
Delta R.T.: -0.002 min
Response: 117339976
Conc: 474.55 ng/ml



#4 AR-1016-2

R.T.: 3.772 min
Delta R.T.: -0.005 min
Response: 71473452
Conc: 495.66 ng/ml



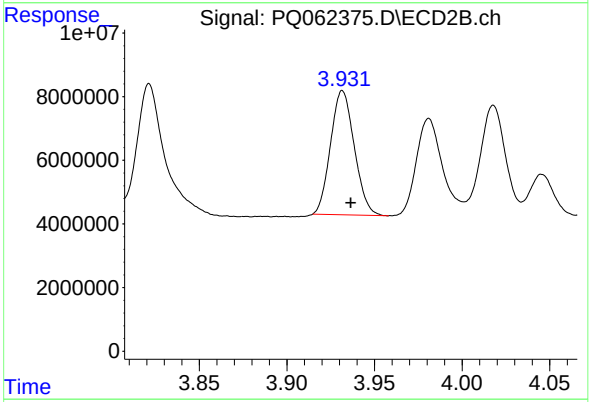
#5 AR-1016-3

R.T.: 4.579 min
Delta R.T.: -0.002 min
Response: 73073675
Conc: 479.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

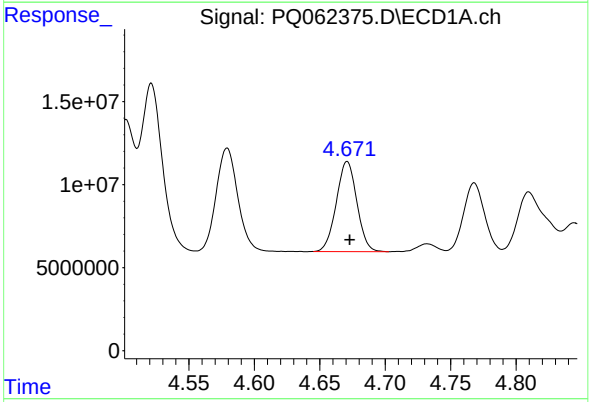
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023



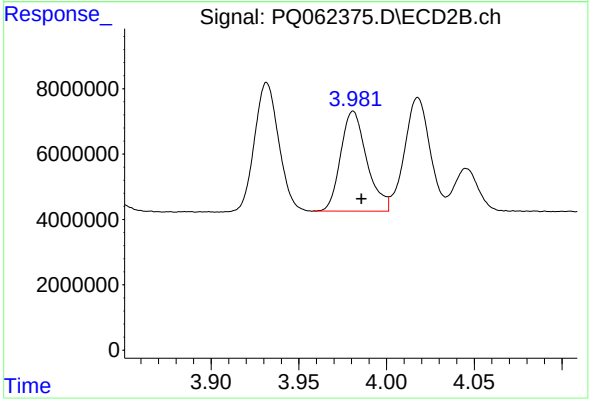
#5 AR-1016-3

R.T.: 3.932 min
Delta R.T.: -0.005 min
Response: 36839415
Conc: 488.31 ng/ml



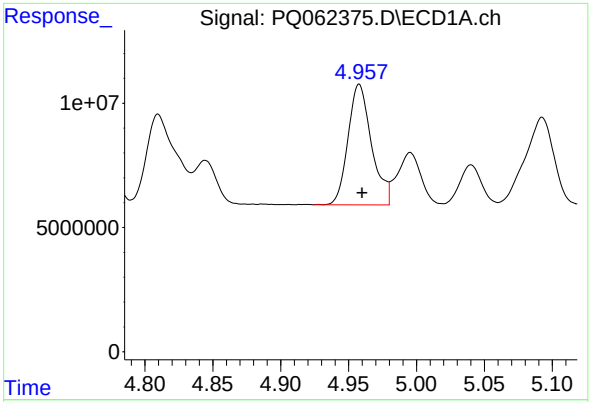
#6 AR-1016-4

R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 59438260
Conc: 474.20 ng/ml



#6 AR-1016-4

R.T.: 3.981 min
Delta R.T.: -0.005 min
Response: 31839894
Conc: 484.78 ng/ml



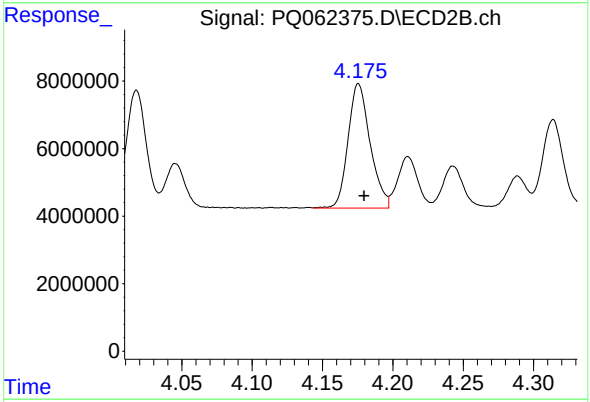
#7 AR-1016-5

R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 58374264
Conc: 479.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

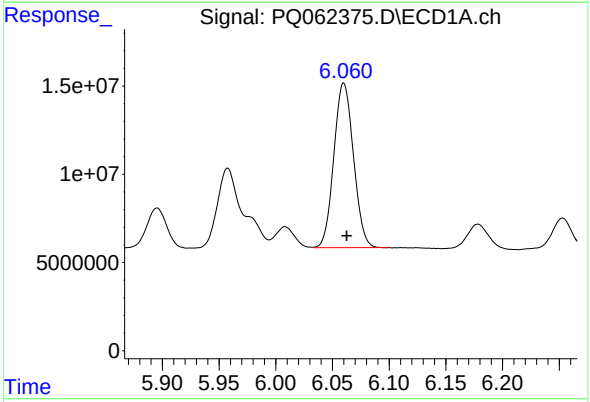
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023



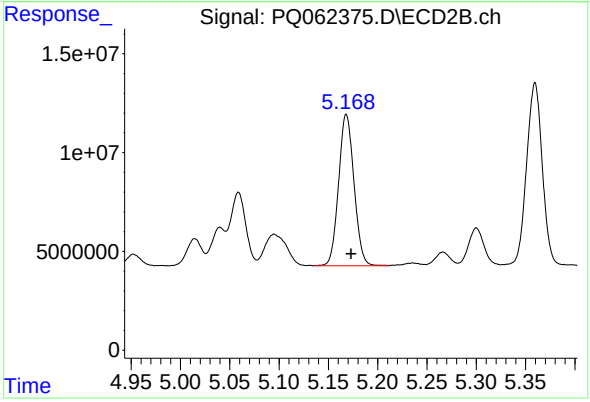
#7 AR-1016-5

R.T.: 4.176 min
Delta R.T.: -0.004 min
Response: 40284562
Conc: 491.39 ng/ml



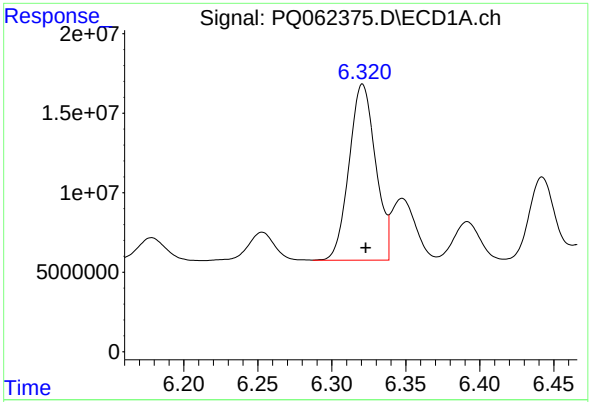
#31 AR-1260-1

R.T.: 6.060 min
Delta R.T.: -0.003 min
Response: 112423198
Conc: 476.51 ng/ml



#31 AR-1260-1

R.T.: 5.168 min
Delta R.T.: -0.005 min
Response: 83401393
Conc: 500.75 ng/ml



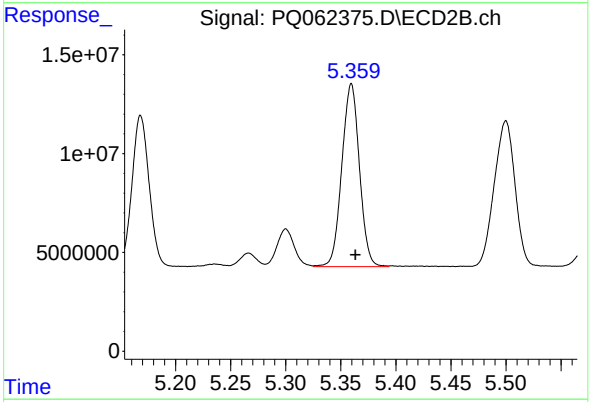
#32 AR-1260-2

R.T.: 6.321 min
Delta R.T.: -0.002 min
Response: 138005353
Conc: 477.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

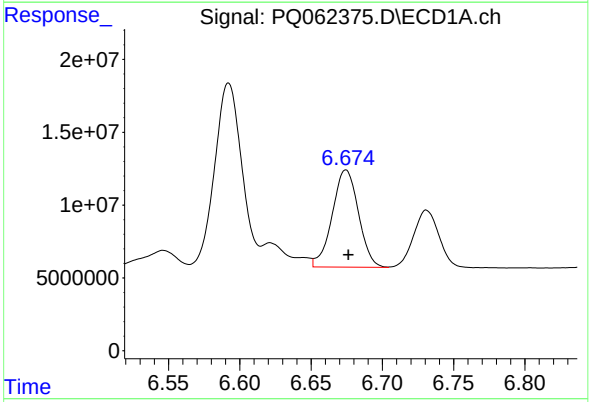
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023



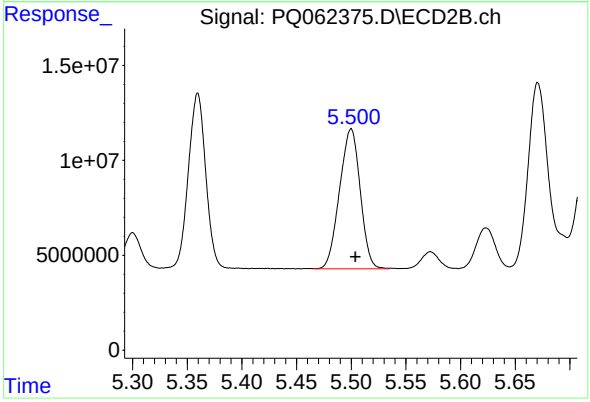
#32 AR-1260-2

R.T.: 5.360 min
Delta R.T.: -0.004 min
Response: 102978837
Conc: 495.22 ng/ml



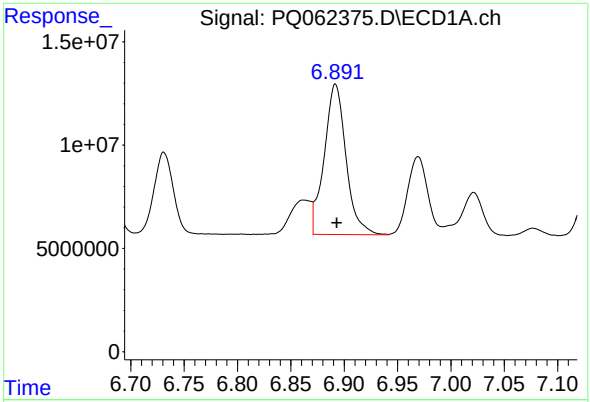
#33 AR-1260-3

R.T.: 6.674 min
Delta R.T.: -0.002 min
Response: 85736292
Conc: 485.55 ng/ml



#33 AR-1260-3

R.T.: 5.500 min
Delta R.T.: -0.004 min
Response: 97034929
Conc: 498.74 ng/ml



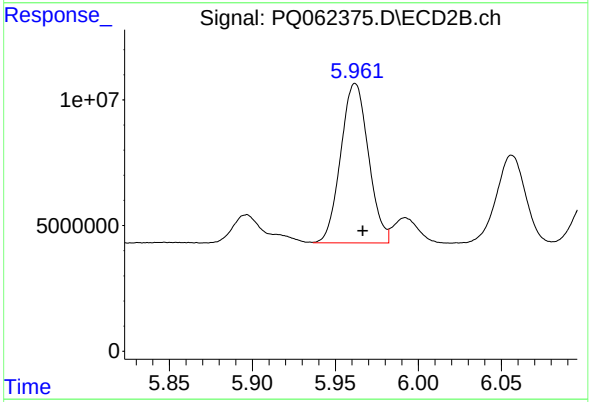
#34 AR-1260-4

R.T.: 6.892 min
Delta R.T.: -0.001 min
Response: 103250529
Conc: 490.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

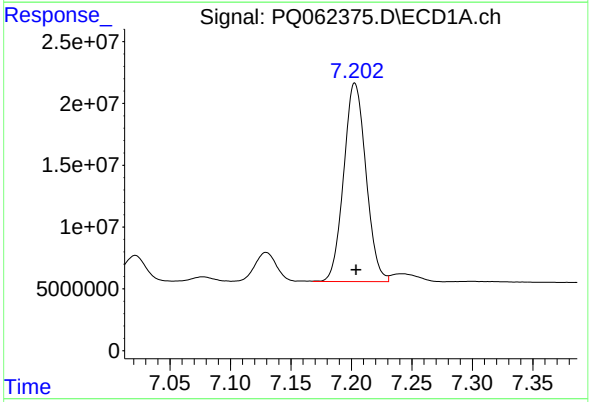
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023



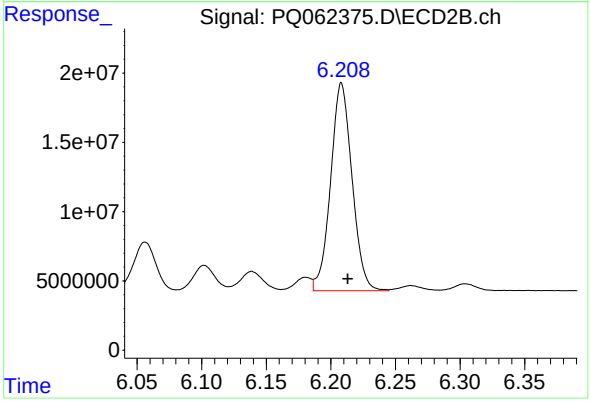
#34 AR-1260-4

R.T.: 5.962 min
Delta R.T.: -0.005 min
Response: 73809377
Conc: 506.02 ng/ml



#35 AR-1260-5

R.T.: 7.203 min
Delta R.T.: -0.001 min
Response: 205588048
Conc: 500.69 ng/ml



#35 AR-1260-5

R.T.: 6.208 min
Delta R.T.: -0.005 min
Response: 173059577
Conc: 521.17 ng/ml

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Analytical Sequence

Client: LaBella Associates P.C. **SDG No.:** O3645

Project: Mackenna Parcels **Instrument ID:** ECD_Q

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 07/01/2023 07/01/2023

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	07/01/2023	02:49	PQ061834.D	8.59	3.40
AR1660ICC1000	AR1660ICC1000	07/01/2023	03:04	PQ061835.D	8.58	3.41
AR1660ICC750	AR1660ICC750	07/01/2023	03:18	PQ061836.D	8.59	3.41
AR1660ICC500	AR1660ICC500	07/01/2023	03:33	PQ061837.D	8.58	3.40
AR1660ICC250	AR1660ICC250	07/01/2023	03:48	PQ061838.D	8.58	3.41
AR1660ICC050	AR1660ICC050	07/01/2023	04:02	PQ061839.D	8.58	3.40
AR1221ICC500	AR1221ICC500	07/01/2023	04:17	PQ061840.D	8.58	3.40
AR1232ICC500	AR1232ICC500	07/01/2023	04:31	PQ061841.D	8.58	3.40
AR1242ICC1000	AR1242ICC1000	07/01/2023	04:46	PQ061842.D	8.58	3.40
AR1242ICC750	AR1242ICC750	07/01/2023	05:01	PQ061843.D	8.58	3.41
AR1242ICC500	AR1242ICC500	07/01/2023	05:15	PQ061844.D	8.58	3.40
AR1242ICC250	AR1242ICC250	07/01/2023	05:30	PQ061845.D	8.58	3.40
AR1242ICC050	AR1242ICC050	07/01/2023	05:45	PQ061846.D	8.58	3.40
AR1248ICC1000	AR1248ICC1000	07/01/2023	05:59	PQ061847.D	8.58	3.40
AR1248ICC750	AR1248ICC750	07/01/2023	06:14	PQ061848.D	8.60	3.42
AR1248ICC500	AR1248ICC500	07/01/2023	06:28	PQ061849.D	8.58	3.40
AR1248ICC250	AR1248ICC250	07/01/2023	06:43	PQ061850.D	8.58	3.40
AR1248ICC050	AR1248ICC050	07/01/2023	06:58	PQ061851.D	8.58	3.40
AR1254ICC1000	AR1254ICC1000	07/01/2023	07:12	PQ061852.D	8.58	3.40
AR1254ICC750	AR1254ICC750	07/01/2023	07:27	PQ061853.D	8.58	3.40
AR1254ICC500	AR1254ICC500	07/01/2023	07:42	PQ061854.D	8.58	3.40
AR1254ICC250	AR1254ICC250	07/01/2023	07:56	PQ061855.D	8.58	3.40
AR1254ICC050	AR1254ICC050	07/01/2023	08:11	PQ061856.D	8.58	3.40
AR1262ICC500	AR1262ICC500	07/01/2023	08:25	PQ061857.D	8.58	3.40
AR1268ICC1000	AR1268ICC1000	07/01/2023	08:40	PQ061858.D	8.58	3.40
AR1268ICC750	AR1268ICC750	07/01/2023	08:55	PQ061859.D	8.58	3.40
AR1268ICC500	AR1268ICC500	07/01/2023	09:09	PQ061860.D	8.58	3.40
AR1268ICC250	AR1268ICC250	07/01/2023	09:24	PQ061861.D	8.58	3.40
AR1268ICC050	AR1268ICC050	07/01/2023	09:39	PQ061862.D	8.58	3.40
AR1660CCC500	AR1660CCC500	07/18/2023	10:46	PQ062330.D	8.59	3.41
I.BLK	I.BLK	07/18/2023	11:44	PQ062334.D	8.58	3.40
PB154254BL	PB154254BL	07/18/2023	13:20	PQ062335.D	8.59	3.41
PB154254BS	PB154254BS	07/18/2023	13:35	PQ062336.D	8.59	3.40
AR1660CCC500	AR1660CCC500	07/18/2023	15:47	PQ062344.D	8.58	3.40
I.BLK	I.BLK	07/18/2023	16:16	PQ062346.D	8.58	3.40
SB-02-(3-5)	O3645-01	07/18/2023	17:29	PQ062351.D	8.58	3.40
SB-04-(1-5)	O3645-02	07/18/2023	17:44	PQ062352.D	8.58	3.40
SB-07-(1-3)	O3645-03	07/18/2023	17:58	PQ062353.D	8.58	3.40
SB-08-(0.5-2.0)	O3645-04	07/18/2023	18:13	PQ062354.D	8.58	3.40
SB-09-(2.0-4.0)	O3645-05	07/18/2023	18:28	PQ062355.D	8.58	3.40
SB-10-(0.5-2.0)	O3645-06	07/18/2023	18:42	PQ062356.D	8.58	3.40
DUP	O3645-07	07/18/2023	18:57	PQ062357.D	8.58	3.40
SB-04-(1-5)MS	O3645-09MS	07/18/2023	19:12	PQ062358.D	8.58	3.40
SB-04-(1-5)MSD	O3645-10MSD	07/18/2023	19:26	PQ062359.D	8.58	3.40
AR1660CCC500	AR1660CCC500	07/18/2023	21:53	PQ062366.D	8.58	3.40

Analytical Sequence

I.BLK	I.BLK	07/18/2023	22:22	PQ062368.D	8.58	3.40
PB154263BL	PB154263BL	07/18/2023	23:06	PQ062370.D	8.58	3.40
PB154263BS	PB154263BS	07/18/2023	23:20	PQ062371.D	8.58	3.40
PB154263BSD	PB154263BSD	07/18/2023	23:35	PQ062372.D	8.58	3.40
RINSATE-BLANK	O3645-08	07/19/2023	00:04	PQ062374.D	8.58	3.40
AR1660CCC500	AR1660CCC500	07/19/2023	01:03	PQ062375.D	8.58	3.40
I.BLK	I.BLK	07/19/2023	01:32	PQ062377.D	8.58	3.40

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Analytical Sequence

Client: LaBella Associates P.C. **SDG No.:** O3645

Project: Mackenna Parcels **Instrument ID:** ECD_Q

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 07/01/2023 07/01/2023

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	07/01/2023	02:49	PQ061834.D	7.53	2.76
AR1660ICC1000	AR1660ICC1000	07/01/2023	03:04	PQ061835.D	7.53	2.76
AR1660ICC750	AR1660ICC750	07/01/2023	03:18	PQ061836.D	7.53	2.76
AR1660ICC500	AR1660ICC500	07/01/2023	03:33	PQ061837.D	7.53	2.76
AR1660ICC250	AR1660ICC250	07/01/2023	03:48	PQ061838.D	7.53	2.76
AR1660ICC050	AR1660ICC050	07/01/2023	04:02	PQ061839.D	7.53	2.76
AR1221ICC500	AR1221ICC500	07/01/2023	04:17	PQ061840.D	7.53	2.76
AR1232ICC500	AR1232ICC500	07/01/2023	04:31	PQ061841.D	7.53	2.76
AR1242ICC1000	AR1242ICC1000	07/01/2023	04:46	PQ061842.D	7.53	2.76
AR1242ICC750	AR1242ICC750	07/01/2023	05:01	PQ061843.D	7.53	2.76
AR1242ICC500	AR1242ICC500	07/01/2023	05:15	PQ061844.D	7.53	2.76
AR1242ICC250	AR1242ICC250	07/01/2023	05:30	PQ061845.D	7.53	2.76
AR1242ICC050	AR1242ICC050	07/01/2023	05:45	PQ061846.D	7.53	2.76
AR1248ICC1000	AR1248ICC1000	07/01/2023	05:59	PQ061847.D	7.53	2.76
AR1248ICC750	AR1248ICC750	07/01/2023	06:14	PQ061848.D	7.53	2.76
AR1248ICC500	AR1248ICC500	07/01/2023	06:28	PQ061849.D	7.53	2.76
AR1248ICC250	AR1248ICC250	07/01/2023	06:43	PQ061850.D	7.53	2.76
AR1248ICC050	AR1248ICC050	07/01/2023	06:58	PQ061851.D	7.53	2.76
AR1254ICC1000	AR1254ICC1000	07/01/2023	07:12	PQ061852.D	7.53	2.76
AR1254ICC750	AR1254ICC750	07/01/2023	07:27	PQ061853.D	7.53	2.76
AR1254ICC500	AR1254ICC500	07/01/2023	07:42	PQ061854.D	7.53	2.76
AR1254ICC250	AR1254ICC250	07/01/2023	07:56	PQ061855.D	7.53	2.76
AR1254ICC050	AR1254ICC050	07/01/2023	08:11	PQ061856.D	7.53	2.76
AR1262ICC500	AR1262ICC500	07/01/2023	08:25	PQ061857.D	7.53	2.76
AR1268ICC1000	AR1268ICC1000	07/01/2023	08:40	PQ061858.D	7.53	2.76
AR1268ICC750	AR1268ICC750	07/01/2023	08:55	PQ061859.D	7.53	2.76
AR1268ICC500	AR1268ICC500	07/01/2023	09:09	PQ061860.D	7.53	2.76
AR1268ICC250	AR1268ICC250	07/01/2023	09:24	PQ061861.D	7.53	2.76
AR1268ICC050	AR1268ICC050	07/01/2023	09:39	PQ061862.D	7.53	2.76
AR1660CCC500	AR1660CCC500	07/18/2023	10:46	PQ062330.D	7.53	2.76
I.BLK	I.BLK	07/18/2023	11:44	PQ062334.D	7.53	2.76
PB154254BL	PB154254BL	07/18/2023	13:20	PQ062335.D	7.53	2.76
PB154254BS	PB154254BS	07/18/2023	13:35	PQ062336.D	7.53	2.76
AR1660CCC500	AR1660CCC500	07/18/2023	15:47	PQ062344.D	7.53	2.76
I.BLK	I.BLK	07/18/2023	16:16	PQ062346.D	7.53	2.76
SB-02-(3-5)	O3645-01	07/18/2023	17:29	PQ062351.D	7.53	2.76
SB-04-(1-5)	O3645-02	07/18/2023	17:44	PQ062352.D	7.53	2.76
SB-07-(1-3)	O3645-03	07/18/2023	17:58	PQ062353.D	7.53	2.76
SB-08-(0.5-2.0)	O3645-04	07/18/2023	18:13	PQ062354.D	7.53	2.76
SB-09-(2.0-4.0)	O3645-05	07/18/2023	18:28	PQ062355.D	7.53	2.76
SB-10-(0.5-2.0)	O3645-06	07/18/2023	18:42	PQ062356.D	7.52	2.76
DUP	O3645-07	07/18/2023	18:57	PQ062357.D	7.53	2.76
SB-04-(1-5)MS	O3645-09MS	07/18/2023	19:12	PQ062358.D	7.53	2.76
SB-04-(1-5)MSD	O3645-10MSD	07/18/2023	19:26	PQ062359.D	7.52	2.76
AR1660CCC500	AR1660CCC500	07/18/2023	21:53	PQ062366.D	7.52	2.76

Analytical Sequence

I.BLK	I.BLK	07/18/2023	22:22	PQ062368.D	7.52	2.76
PB154263BL	PB154263BL	07/18/2023	23:06	PQ062370.D	7.52	2.76
PB154263BS	PB154263BS	07/18/2023	23:20	PQ062371.D	7.52	2.76
PB154263BSD	PB154263BSD	07/18/2023	23:35	PQ062372.D	7.52	2.76
RINSATE-BLANK	O3645-08	07/19/2023	00:04	PQ062374.D	7.52	2.76
AR1660CCC500	AR1660CCC500	07/19/2023	01:03	PQ062375.D	7.52	2.75
I.BLK	I.BLK	07/19/2023	01:32	PQ062377.D	7.52	2.76

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
PB154254BS

Contract: LABE01

Lab Code: CHEM Case No.: O3645 SAS No.: O3645 SDG NO.: O3645

Lab Sample ID: PB154254BS Date(s) Analyzed: 07/18/2023 07/18/2023

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 PQ062336.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.503	4.453	4.553	131		
	2	4.523	4.473	4.573	132		
	3	4.58	4.53	4.63	131		
COLUMN 1	4	4.672	4.622	4.722	135		
	5	4.959	4.909	5.009	138	133	
	1	3.757	3.707	3.807	142		
	2	3.772	3.722	3.822	144		
	3	3.932	3.882	3.982	143		
	4	3.982	3.932	4.032	142		
COLUMN 2	5	4.176	4.126	4.226	142	143	7.25
Aroclor-1260	1	6.061	6.011	6.111	139		
	2	6.322	6.272	6.372	139		
	3	6.676	6.626	6.726	139		
COLUMN 1	4	6.893	6.843	6.943	141		
	5	7.205	7.155	7.255	144	141	
	1	5.168	5.118	5.218	153		
	2	5.359	5.309	5.409	155		
	3	5.5	5.45	5.55	146		
	4	5.962	5.912	6.012	150		
COLUMN 2	5	6.208	6.158	6.258	152	151	6.85

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
SB-04-(1-5)MS

Contract: LABE01
Lab Code: CHEM Case No.: O3645 SAS No.: O3645 SDG NO.: O3645
Lab Sample ID: O3645-09MS Date(s) Analyzed: 07/18/2023 07/18/2023
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 PQ062358.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.503	4.453	4.553	147		
	2	4.522	4.472	4.572	176		
	3	4.579	4.529	4.629	200		
COLUMN 1	4	4.671	4.621	4.721	190		
	5	4.958	4.908	5.008	169	176	
	1	3.757	3.707	3.807	196		
	2	3.772	3.722	3.822	185		
	3	3.933	3.883	3.983	175		
	4	3.982	3.932	4.032	170		
COLUMN 2	5	4.177	4.127	4.227	186	182	3.35
Aroclor-1260	1	6.061	6.011	6.111	162		
	2	6.321	6.271	6.371	167		
	3	6.675	6.625	6.725	174		
COLUMN 1	4	6.892	6.842	6.942	162		
	5	7.204	7.154	7.254	177	168	
	1	5.17	5.12	5.22	203		
	2	5.36	5.31	5.41	184		
	3	5.501	5.451	5.551	175		
	4	5.963	5.913	6.013	179		
COLUMN 2	5	6.209	6.159	6.259	176	183	8.55

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
SB-04-(1-5)MSD

Contract: LABE01
Lab Code: CHEM Case No.: O3645 SAS No.: O3645 SDG NO.: O3645
Lab Sample ID: O3645-10MSD Date(s) Analyzed: 07/18/2023 07/18/2023
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 PQ062359.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.503	4.453	4.553	142		
	2	4.522	4.472	4.572	177		
	3	4.579	4.529	4.629	202		
COLUMN 1	4	4.671	4.621	4.721	189		
	5	4.958	4.908	5.008	167	176	
	1	3.757	3.707	3.807	196		
	2	3.772	3.722	3.822	185		
	3	3.932	3.882	3.982	175		
	4	3.982	3.932	4.032	171		
COLUMN 2	5	4.176	4.126	4.226	191	184	4.44
Aroclor-1260	1	6.061	6.011	6.111	164		
	2	6.321	6.271	6.371	170		
	3	6.675	6.625	6.725	172		
COLUMN 1	4	6.891	6.841	6.941	165		
	5	7.203	7.153	7.253	179	170	
	1	5.17	5.12	5.22	207		
	2	5.359	5.309	5.409	188		
	3	5.5	5.45	5.55	178		
	4	5.962	5.912	6.012	183		
COLUMN 2	5	6.209	6.159	6.259	178	187	9.52

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
PB154263BS

Contract: LABE01
Lab Code: CHEM Case No.: O3645 SAS No.: O3645 SDG NO.: O3645
Lab Sample ID: PB154263BS Date(s) Analyzed: 07/18/2023 07/18/2023
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 PQ062371.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.503	4.453	4.553	4.13		
	2	4.521	4.471	4.571	4.14		
	3	4.579	4.529	4.629	4.17		
COLUMN 1	4	4.671	4.621	4.721	4.19		
	5	4.958	4.908	5.008	4.22	4.20	
	1	3.757	3.707	3.807	4.44		
	2	3.772	3.722	3.822	4.51		
	3	3.932	3.882	3.982	4.42		
	4	3.982	3.932	4.032	4.43		
COLUMN 2	5	4.176	4.126	4.226	4.37	4.40	4.65
Aroclor-1260	1	6.061	6.011	6.111	4.16		
	2	6.322	6.272	6.372	4.23		
	3	6.674	6.624	6.724	4.29		
COLUMN 1	4	6.892	6.842	6.942	4.33		
	5	7.203	7.153	7.253	4.44	4.30	
	1	5.169	5.119	5.219	4.48		
	2	5.359	5.309	5.409	4.85		
	3	5.5	5.45	5.55	4.48		
	4	5.962	5.912	6.012	4.56		
COLUMN 2	5	6.209	6.159	6.259	4.60	4.60	6.74

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
PB154263BSD

Contract: LABE01
Lab Code: CHEM Case No.: O3645 SAS No.: O3645 SDG NO.: O3645
Lab Sample ID: PB154263BSD Date(s) Analyzed: 07/18/2023 07/18/2023
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 PQ062372.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.503	4.453	4.553	4.10		
	2	4.521	4.471	4.571	4.05		
	3	4.579	4.529	4.629	4.08		
COLUMN 1	4	4.671	4.621	4.721	4.13		
	5	4.958	4.908	5.008	4.13	4.10	
	1	3.757	3.707	3.807	4.22		
	2	3.772	3.722	3.822	4.34		
	3	3.932	3.882	3.982	4.26		
	4	3.981	3.931	4.031	4.25		
COLUMN 2	5	4.176	4.126	4.226	4.21	4.30	4.76
Aroclor-1260	1	6.061	6.011	6.111	4.16		
	2	6.321	6.271	6.371	4.23		
	3	6.675	6.625	6.725	4.29		
COLUMN 1	4	6.891	6.841	6.941	4.33		
	5	7.203	7.153	7.253	4.44	4.30	
	1	5.169	5.119	5.219	4.55		
	2	5.359	5.309	5.409	4.76		
	3	5.5	5.45	5.55	4.52		
	4	5.961	5.911	6.011	4.54		
COLUMN 2	5	6.208	6.158	6.258	4.63	4.60	6.74

QC SAMPLE DATA

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	Mackenna Parcels	Date Received:	
Client Sample ID:	PB154254BL	SDG No.:	O3645
Lab Sample ID:	PB154254BL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ062335.D	1	07/18/23 09:10	07/18/23 13:20	PB154254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	17.0	U	3.60	17.0	ug/kg
11104-28-2	Aroclor-1221	17.0	U	5.90	17.0	ug/kg
11141-16-5	Aroclor-1232	17.0	U	4.50	17.0	ug/kg
53469-21-9	Aroclor-1242	17.0	U	3.10	17.0	ug/kg
12672-29-6	Aroclor-1248	17.0	U	2.80	17.0	ug/kg
11097-69-1	Aroclor-1254	17.0	U	3.80	17.0	ug/kg
37324-23-5	Aroclor-1262	17.0	U	2.70	17.0	ug/kg
11100-14-4	Aroclor-1268	17.0	U	3.30	17.0	ug/kg
11096-82-5	Aroclor-1260	17.0	U	3.30	17.0	ug/kg
Total PCBs	Total PCBs	17.0	U	5.70	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.1		40 - 162	96%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.4		32 - 176	102%	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\PQ071823\
Data File : PQ062335.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 13:20
Operator : YP\AJ
Sample : PB154254BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
PB154254BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 02:38:52 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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...	3.407	2.755	82920060	47923161	16.998	19.100
2)	SA Decachlor...	8.593	7.528	70510990	68062089	19.410	20.426
	Target Compounds						

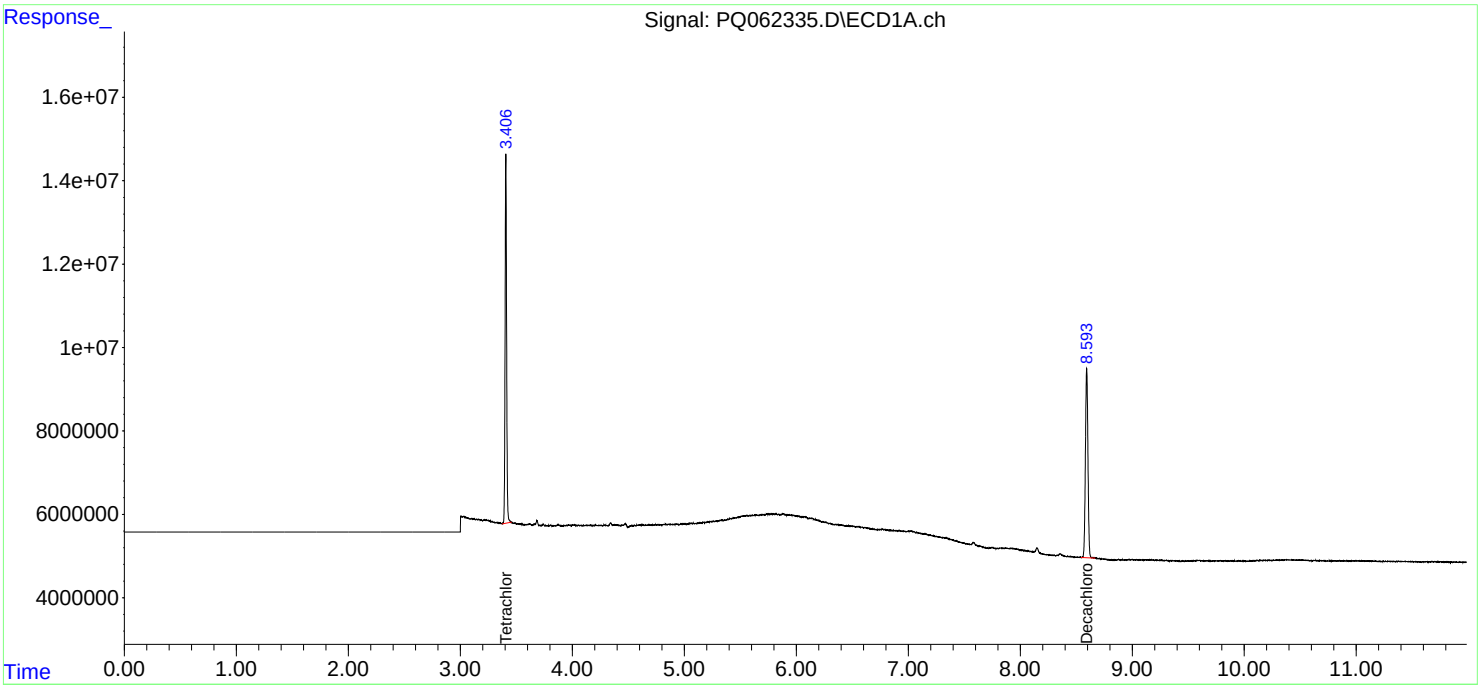
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

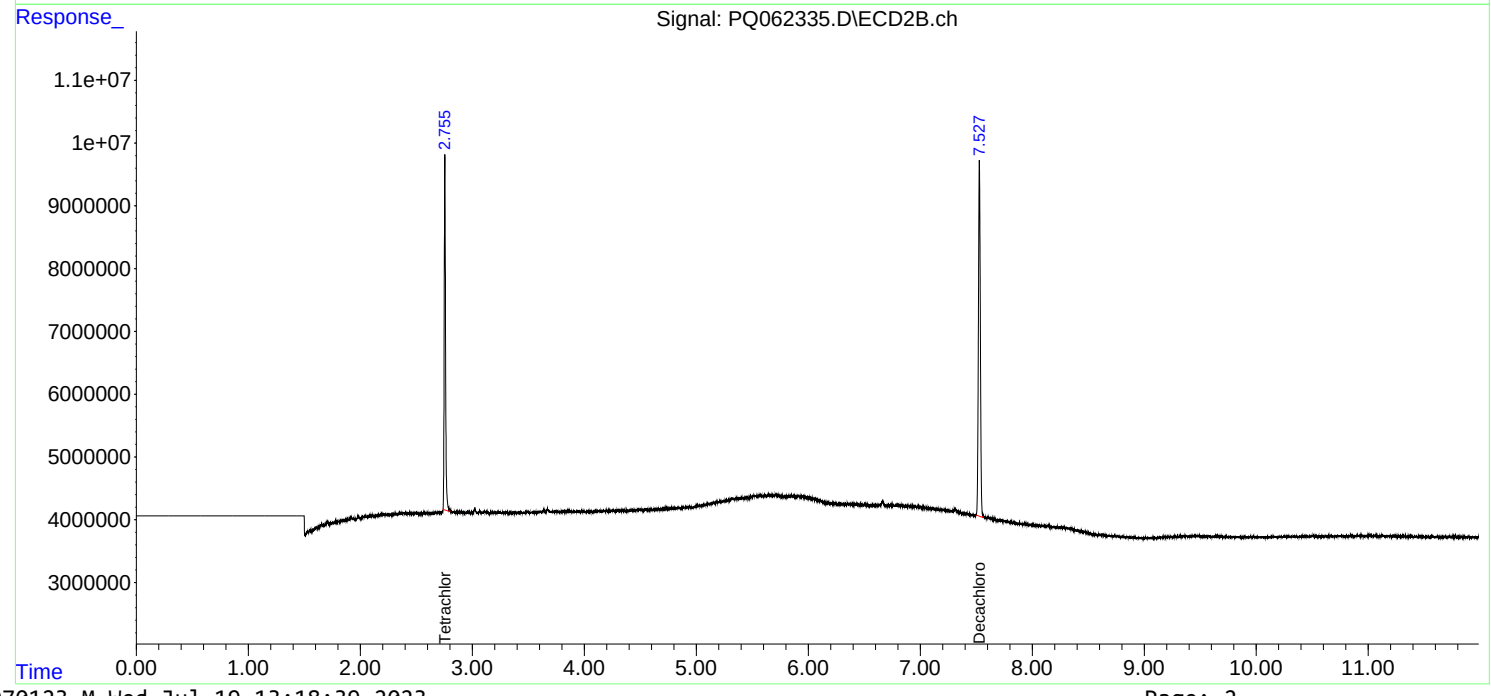
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071823\
Data File : PQ062335.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 13:20
Operator : YP\AJ
Sample : PB154254BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

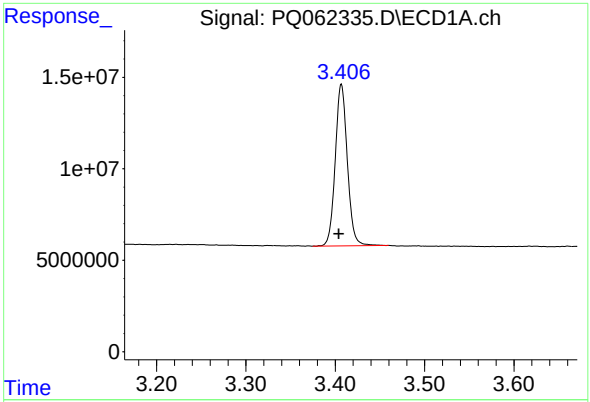
Instrument :
ECD_Q
ClientSampleId :
PB154254BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 02:38:52 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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



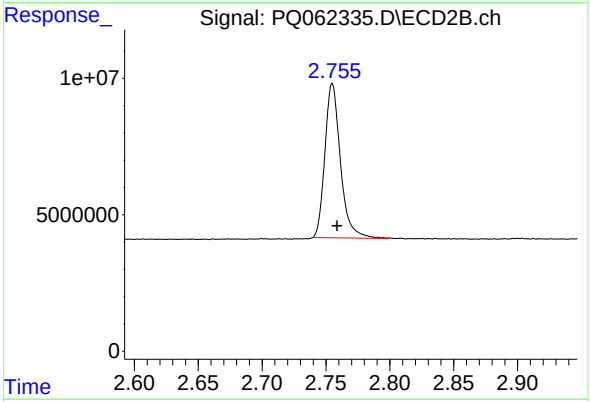




#1 Tetrachloro-m-xylene

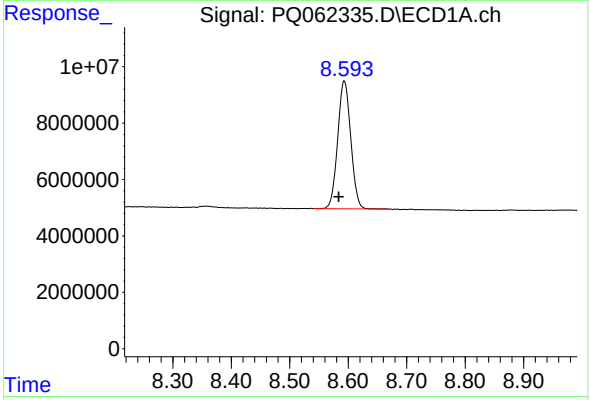
R.T.: 3.407 min
Delta R.T.: 0.003 min
Response: 82920060
Conc: 17.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB154254BL



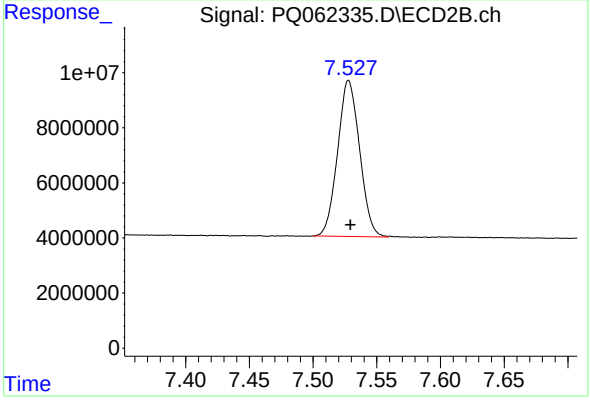
#1 Tetrachloro-m-xylene

R.T.: 2.755 min
Delta R.T.: -0.004 min
Response: 47923161
Conc: 19.10 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.593 min
Delta R.T.: 0.010 min
Response: 70510990
Conc: 19.41 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.528 min
Delta R.T.: -0.001 min
Response: 68062089
Conc: 20.43 ng/ml

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	Mackenna Parcels	Date Received:	
Client Sample ID:	PB154263BL	SDG No.:	O3645
Lab Sample ID:	PB154263BL	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ062370.D	1	07/18/23 08:50	07/18/23 23:06	PB154263

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.50	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.22	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.18	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.18	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.16	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.13	0.50	ug/L
11096-82-5	Aroclor-1260	0.50	U	0.16	0.50	ug/L
Total PCBs	Total PCBs	0.50	U	0.22	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.5		21 - 155	98%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.1		10 - 173	106%	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\PQ071823\
Data File : PQ062370.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 23:06
Operator : YP\AJ
Sample : PB154263BL
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
PB154263BL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 02:59:53 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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...	3.401	2.755	83671841	48977624	17.152	19.520m
2)	SA Decachlor...	8.581	7.524	71845022	70450567	19.777	21.142m
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071823\
Data File : PQ062370.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 23:06
Operator : YP\AJ
Sample : PB154263BL
Misc :
ALS Vial : 36 Sample Multiplier: 1

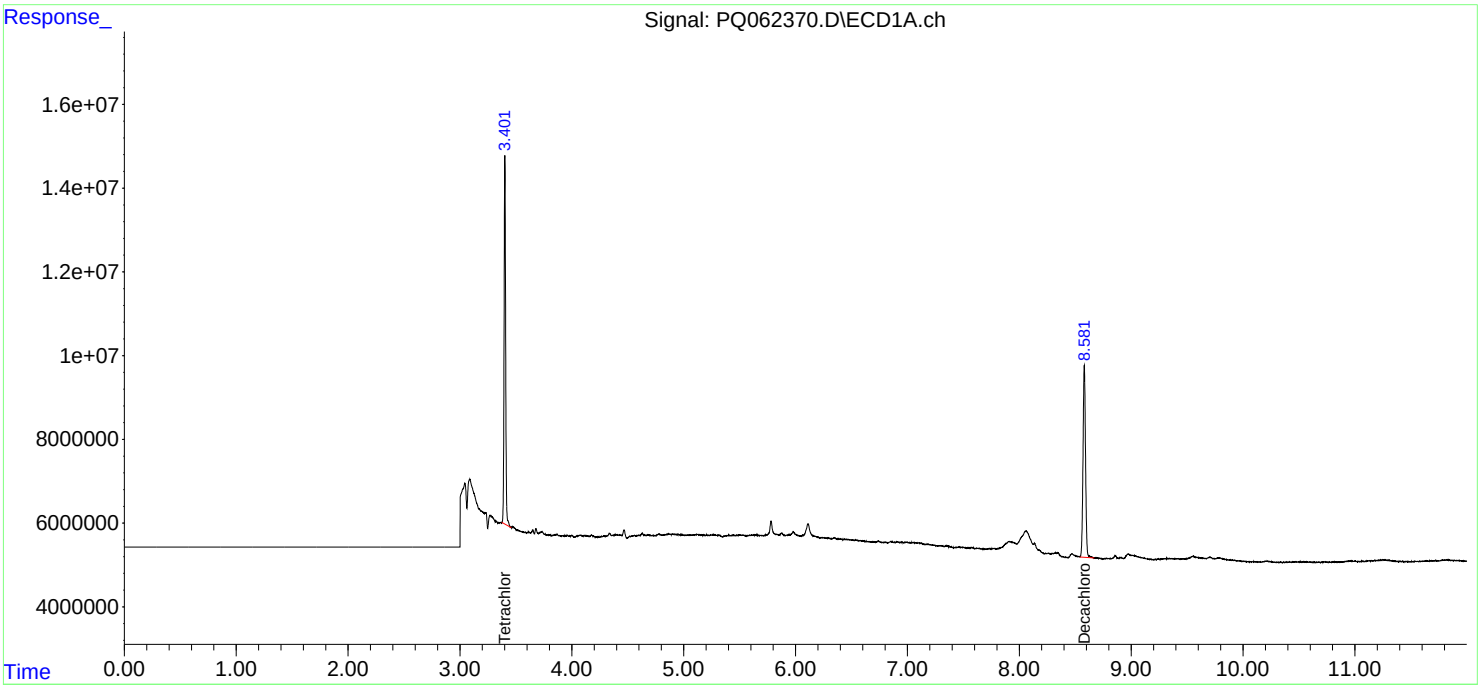
Instrument :
ECD_Q
ClientSampleId :
PB154263BL

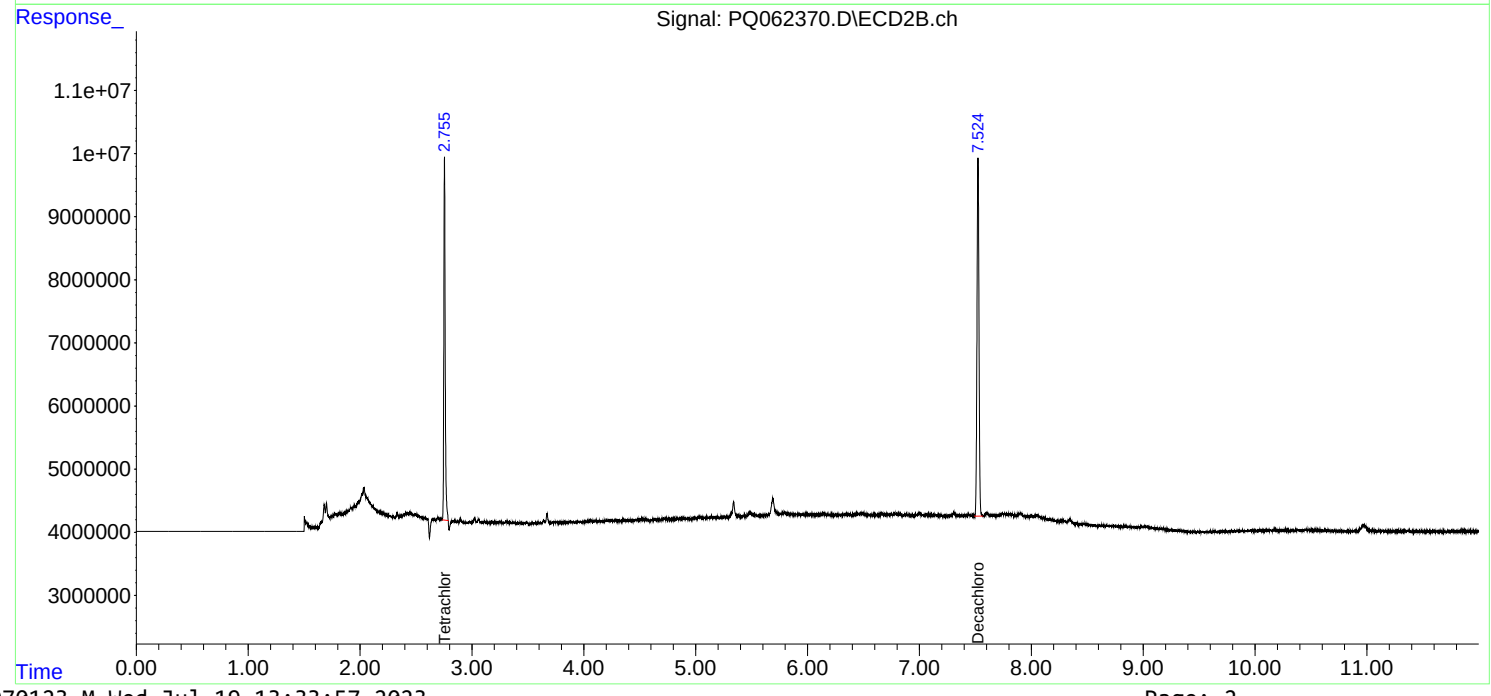
Manual Integrations APPROVED

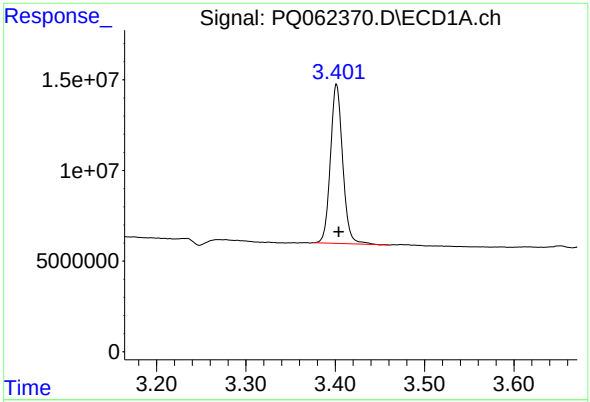
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 02:59:53 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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







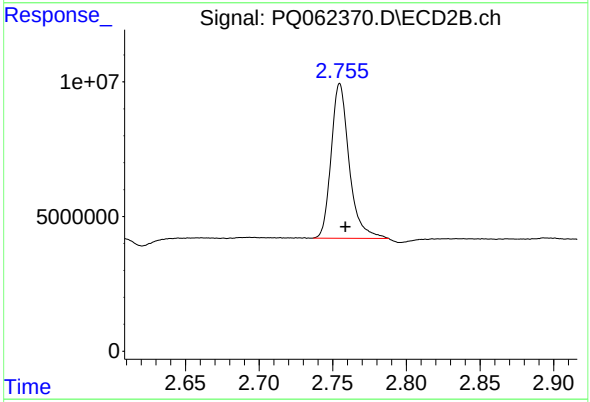
#1 Tetrachloro-m-xylene

R.T.: 3.401 min
Delta R.T.: -0.003 min
Response: 83671841
Conc: 17.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB154263BL

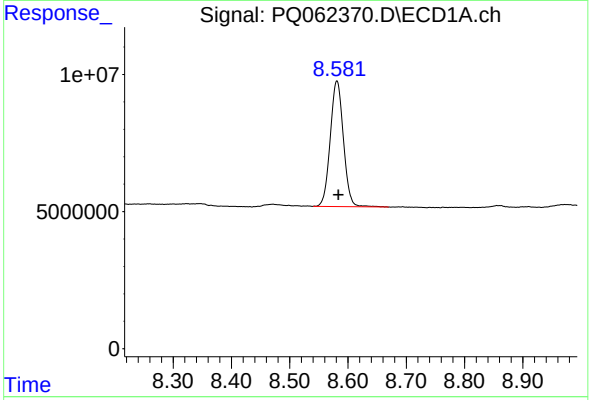
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023



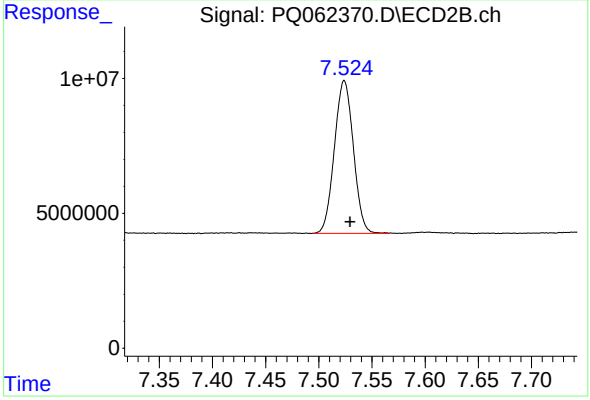
#1 Tetrachloro-m-xylene

R.T.: 2.755 min
Delta R.T.: -0.004 min
Response: 48977624
Conc: 19.52 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.581 min
Delta R.T.: -0.003 min
Response: 71845022
Conc: 19.78 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.524 min
Delta R.T.: -0.006 min
Response: 70450567
Conc: 21.14 ng/ml m

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	07/01/23
Project:	Mackenna Parcels	Date Received:	07/01/23
Client Sample ID:	PIBLK-PQ061834.D	SDG No.:	O3645
Lab Sample ID:	I.BLK-PQ061834.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 Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ061834.D	1		07/01/23	pq070123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.50	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.22	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.18	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.18	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.15	0.50	ug/L
11096-82-5	Aroclor-1260	0.50	U	0.16	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.16	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.13	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.0		60 - 140	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.5		60 - 140	102%	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\PQ070123\
Data File : PQ061834.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 02:49
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 14:43:34 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 14:41:48 2023
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...	3.404	2.759	97713015	50821413	20.031	20.255
2)	SA Decachlor...	8.585	7.529	76112583	68207231	20.952	20.469
	Target Compounds						

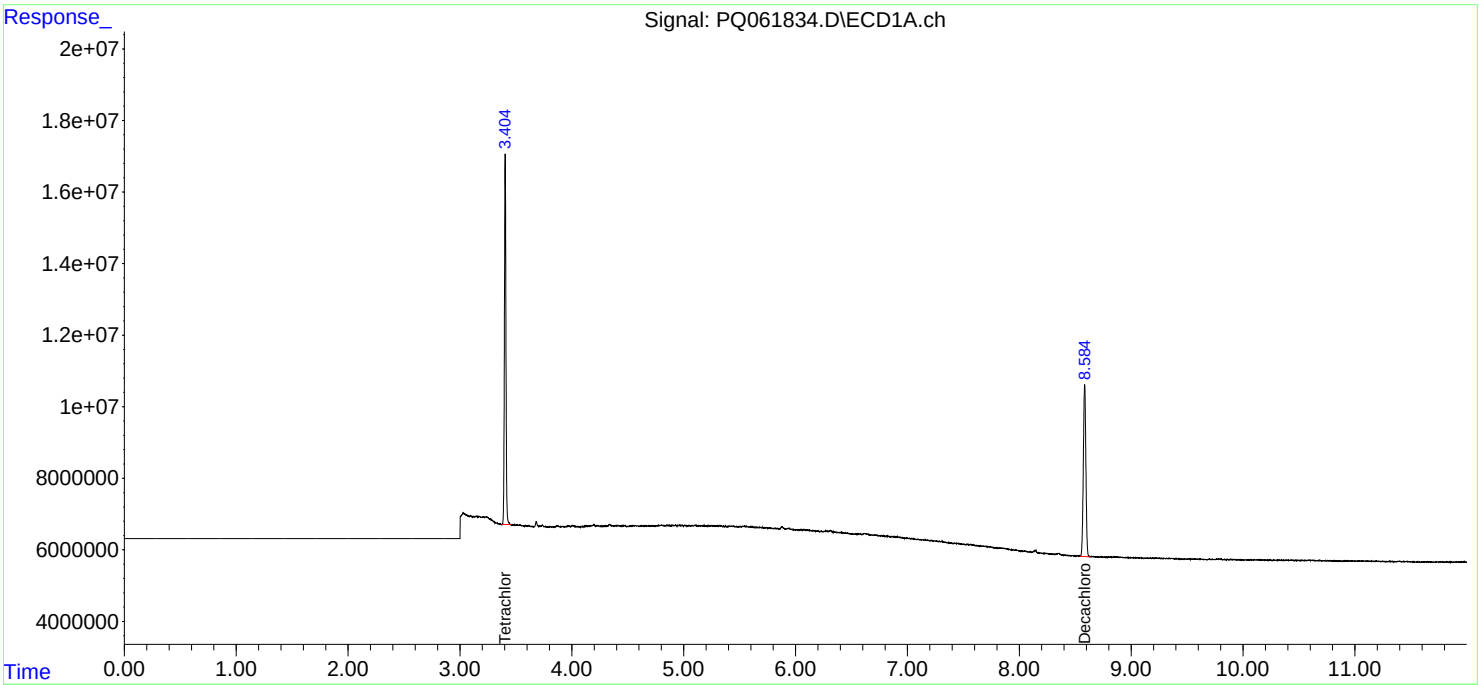
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

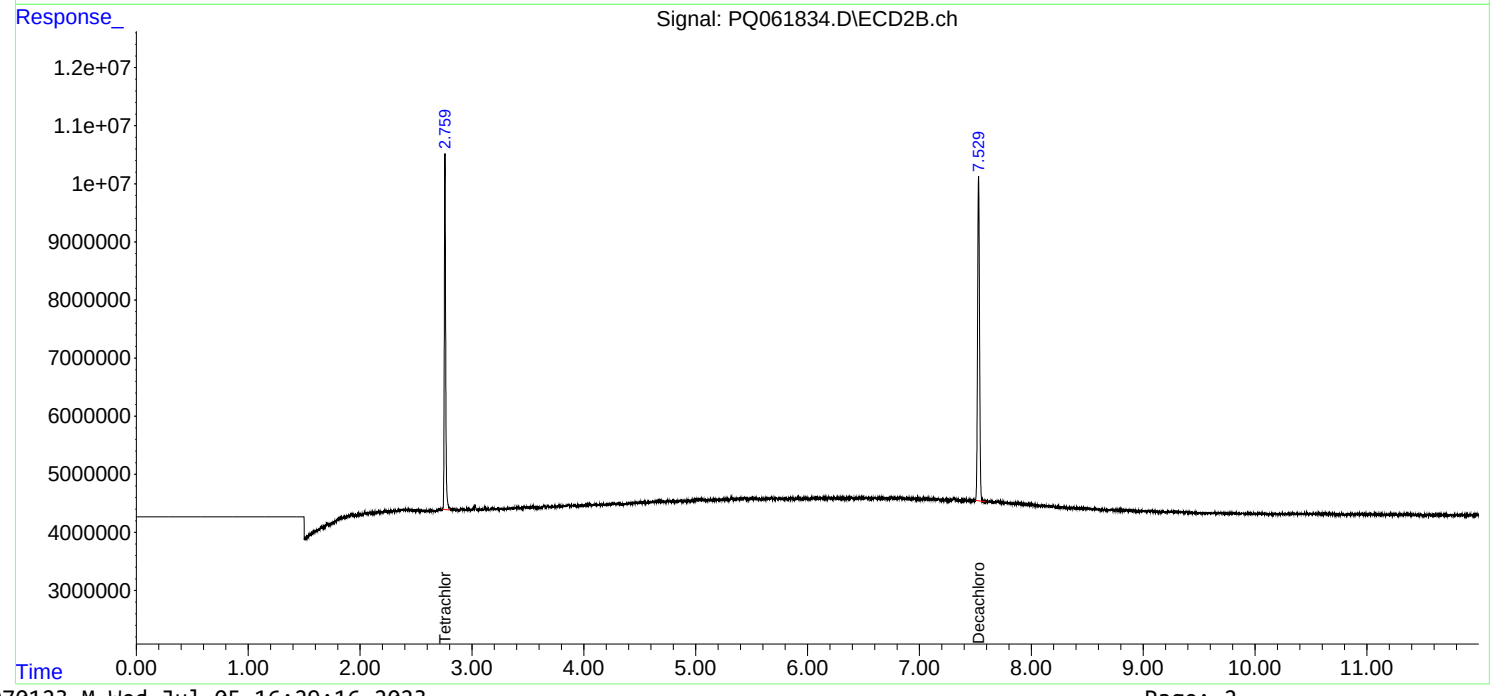
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070123\
Data File : PQ061834.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2023 02:49
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 35 Sample Multiplier: 1

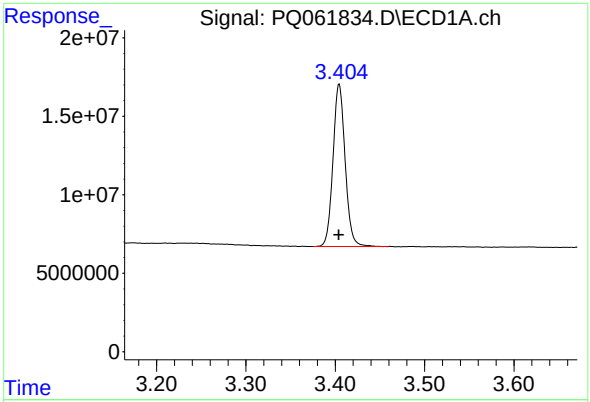
Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 14:43:34 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 01 14:41:48 2023
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



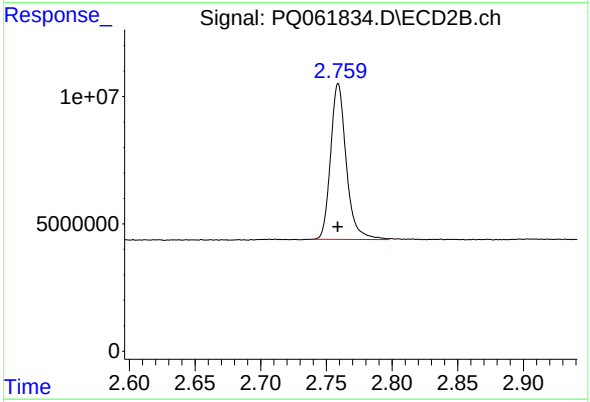




#1 Tetrachloro-m-xylene

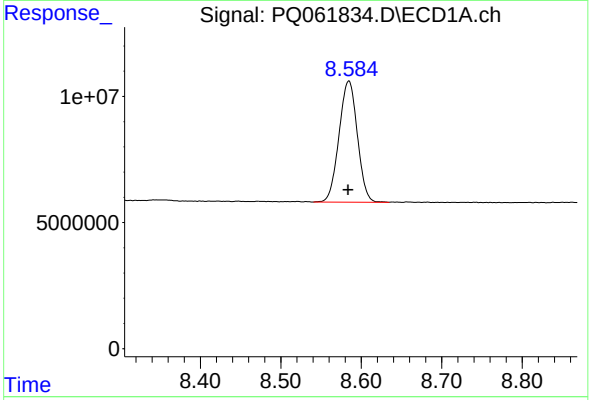
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 97713015
Conc: 20.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



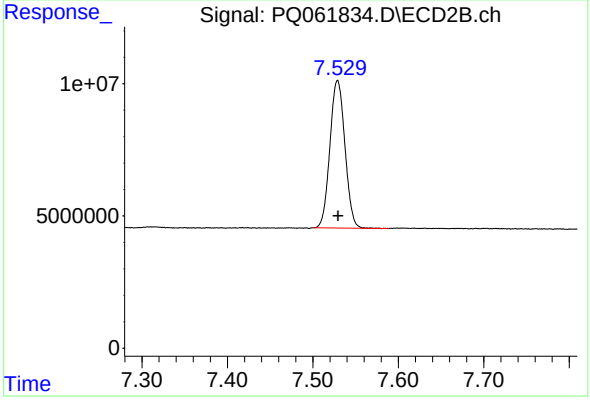
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 50821413
Conc: 20.25 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.585 min
Delta R.T.: 0.000 min
Response: 76112583
Conc: 20.95 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 68207231
Conc: 20.47 ng/ml

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	07/18/23
Project:	Mackenna Parcels	Date Received:	07/18/23
Client Sample ID:	PIBLK-PQ062334.D	SDG No.:	O3645
Lab Sample ID:	I.BLK-PQ062334.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 Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ062334.D	1		07/18/23	PQ071823

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.50	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.22	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.18	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.18	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.15	0.50	ug/L
11096-82-5	Aroclor-1260	0.50	U	0.16	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.16	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.13	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.0		60 - 140	75%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.2		60 - 140	86%	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\PQ071823\
Data File : PQ062334.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 11:44
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 02:38:26 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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...	3.402	2.756	73134652	44423046	14.992	17.705
2)	SA Decachlor...	8.582	7.525	62325884	61625944	17.157	18.494m
	Target Compounds						

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

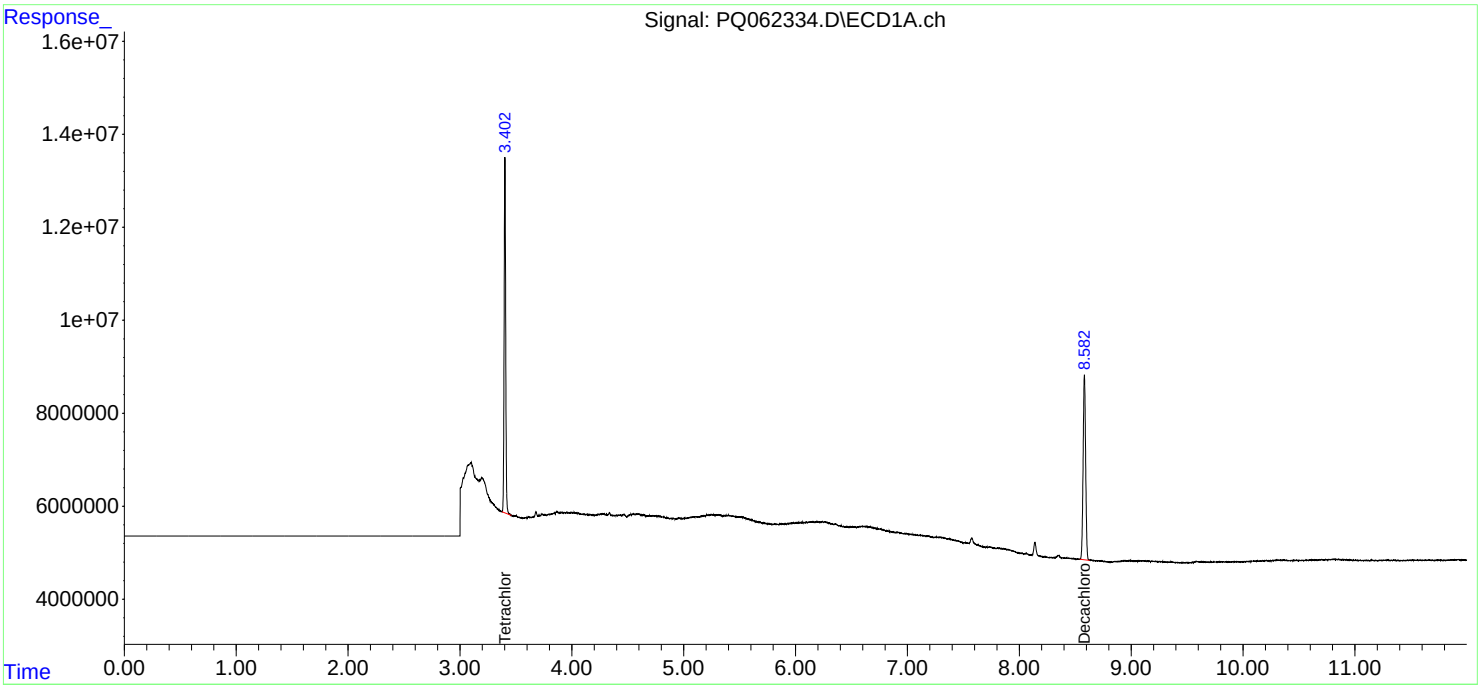
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071823\
Data File : PQ062334.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 11:44
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

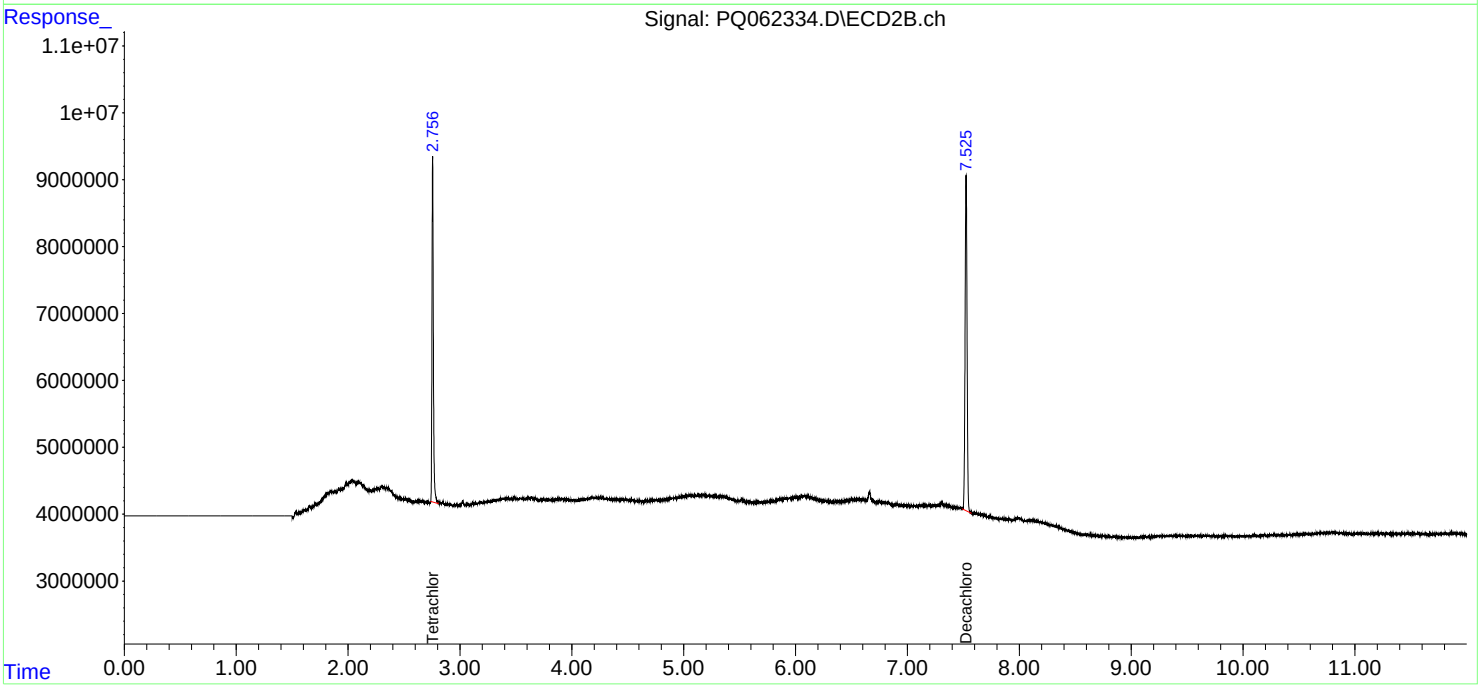
Instrument :
ECD_Q
ClientSampleId :
I.BLK

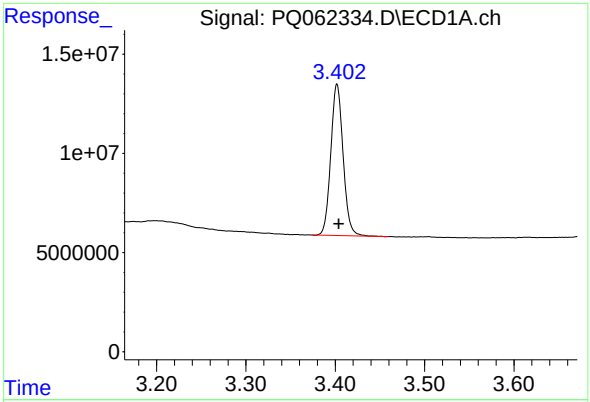
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 02:38:26 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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







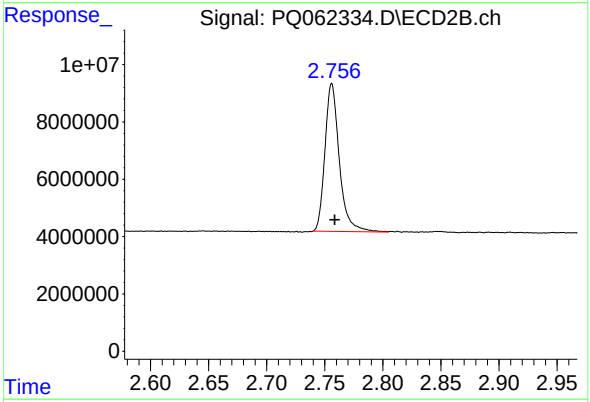
#1 Tetrachloro-m-xylene

R.T.: 3.402 min
Delta R.T.: -0.002 min
Response: 73134652
Conc: 14.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK

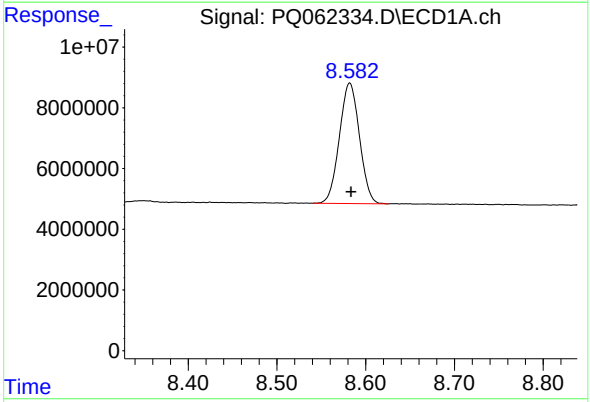
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023



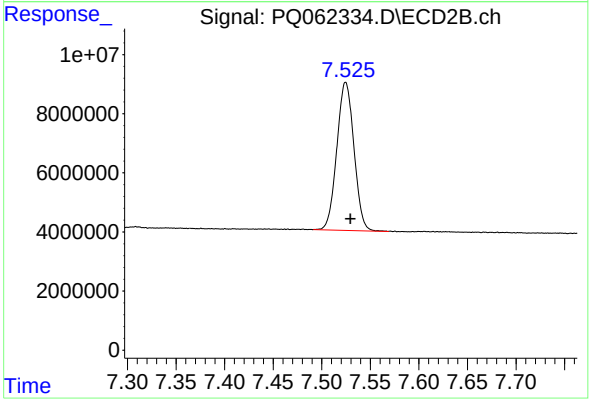
#1 Tetrachloro-m-xylene

R.T.: 2.756 min
Delta R.T.: -0.003 min
Response: 44423046
Conc: 17.70 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.582 min
Delta R.T.: -0.002 min
Response: 62325884
Conc: 17.16 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.525 min
Delta R.T.: -0.005 min
Response: 61625944
Conc: 18.49 ng/ml m

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	07/18/23
Project:	Mackenna Parcels	Date Received:	07/18/23
Client Sample ID:	PIBLK-PQ062346.D	SDG No.:	O3645
Lab Sample ID:	I.BLK-PQ062346.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 Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ062346.D	1		07/18/23	PQ071823

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.50	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.22	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.18	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.18	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.15	0.50	ug/L
11096-82-5	Aroclor-1260	0.50	U	0.16	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.16	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.13	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.9		60 - 140	79%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.1		60 - 140	85%	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\PQ071823\
Data File : PQ062346.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 16:16
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: Jul 19 02:44:47 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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...	3.402	2.755	77440893	46180660	15.875	18.405
2)	SA Decachlor...	8.584	7.525	62042869	60040222	17.079	18.018
	Target Compounds						

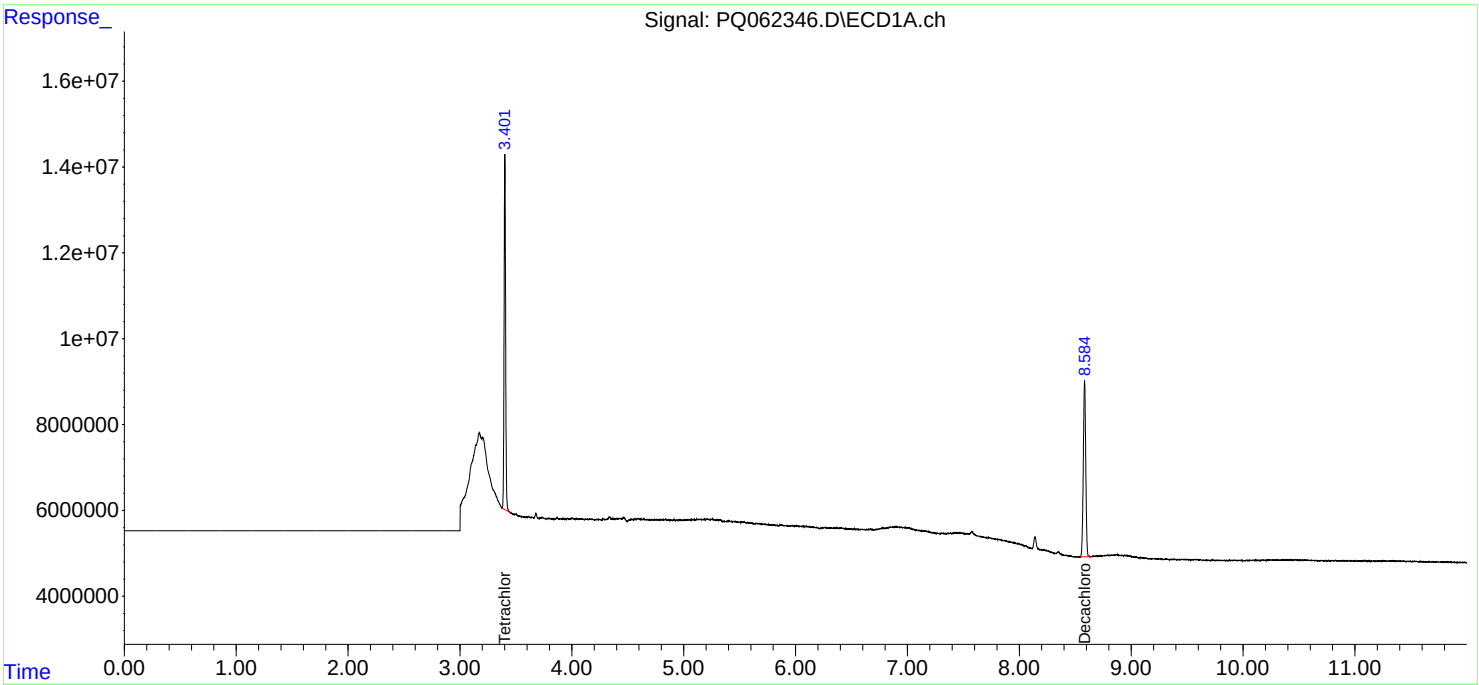
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

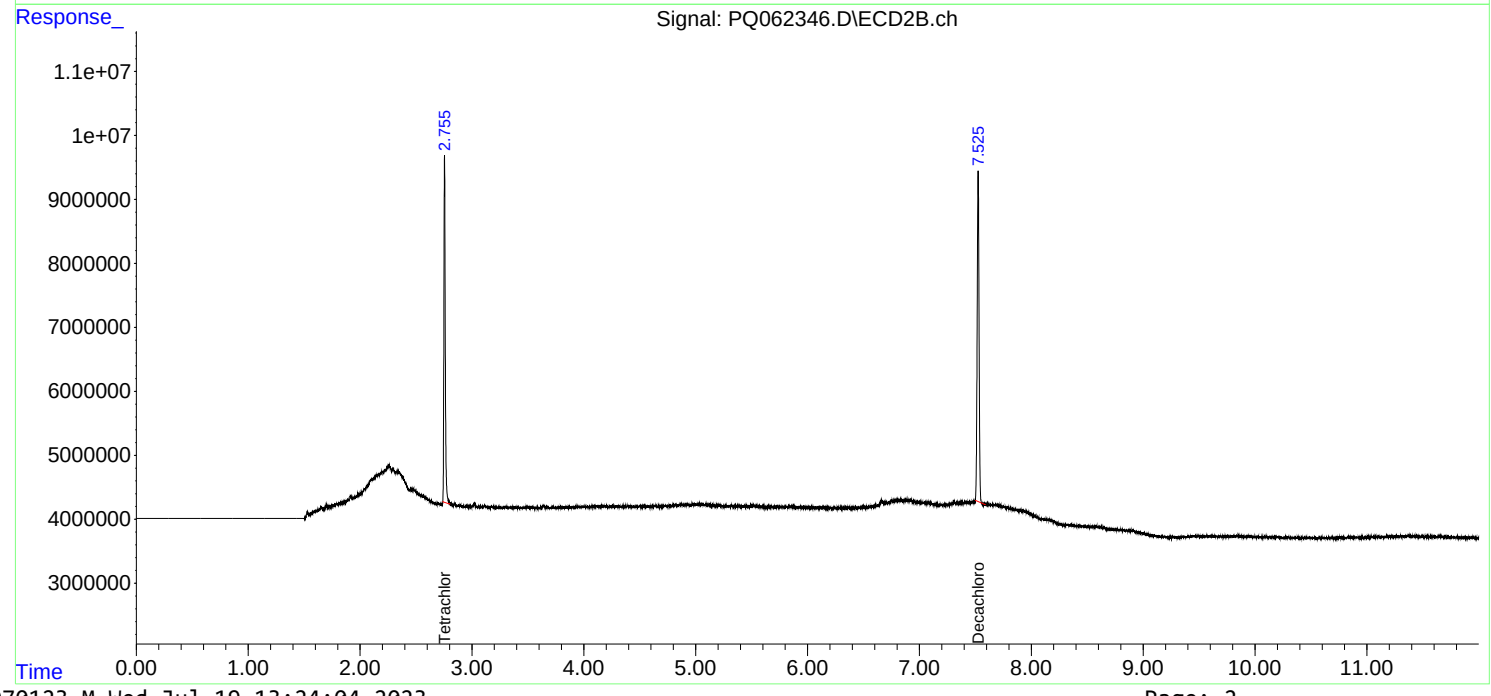
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071823\
Data File : PQ062346.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 16:16
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

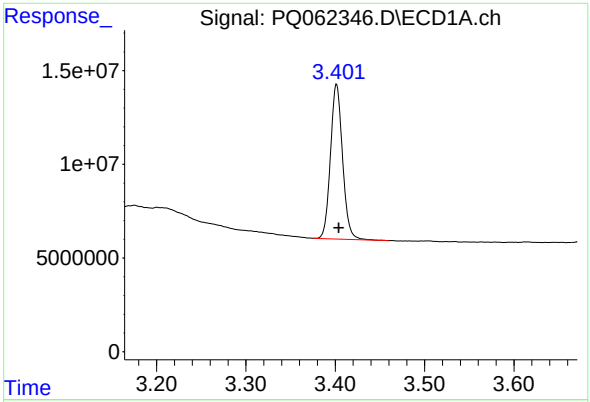
Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 02:44:47 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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



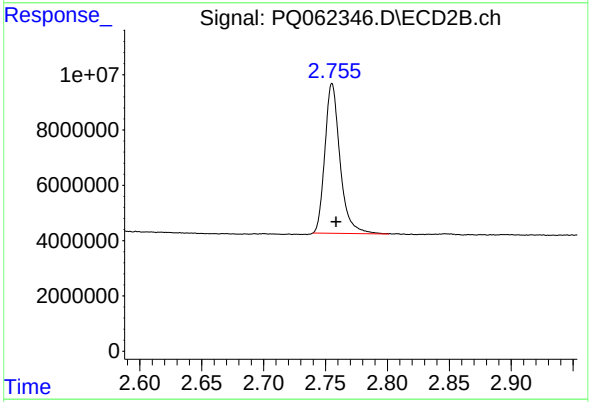




#1 Tetrachloro-m-xylene

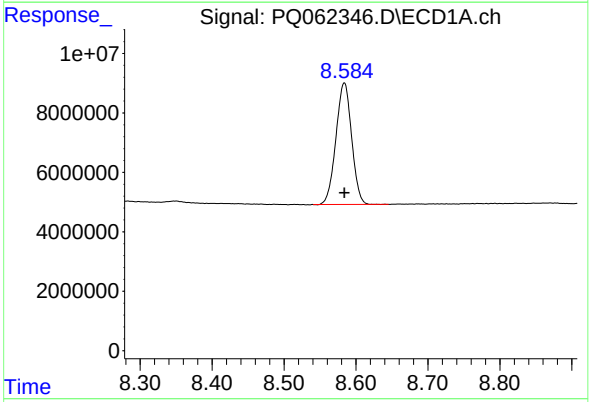
R.T.: 3.402 min
Delta R.T.: -0.002 min
Response: 77440893
Conc: 15.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



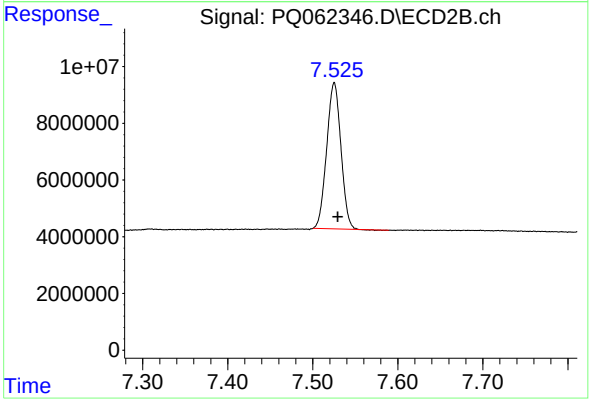
#1 Tetrachloro-m-xylene

R.T.: 2.755 min
Delta R.T.: -0.003 min
Response: 46180660
Conc: 18.41 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 62042869
Conc: 17.08 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.525 min
Delta R.T.: -0.004 min
Response: 60040222
Conc: 18.02 ng/ml

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	07/18/23
Project:	Mackenna Parcels	Date Received:	07/18/23
Client Sample ID:	PIBLK-PQ062368.D	SDG No.:	O3645
Lab Sample ID:	I.BLK-PQ062368.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 Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ062368.D	1		07/18/23	PQ071823

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.50	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.22	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.18	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.18	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.15	0.50	ug/L
11096-82-5	Aroclor-1260	0.50	U	0.16	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.16	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.13	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.7		60 - 140	84%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.3		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\PQ071823\
Data File : PQ062368.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 22:22
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 02:58:59 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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...	3.402	2.755	81675689	48336841	16.743	19.265m
2)	SA Decachlor...	8.581	7.524	66472801	65510276	18.298	19.660m
	Target Compounds						

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

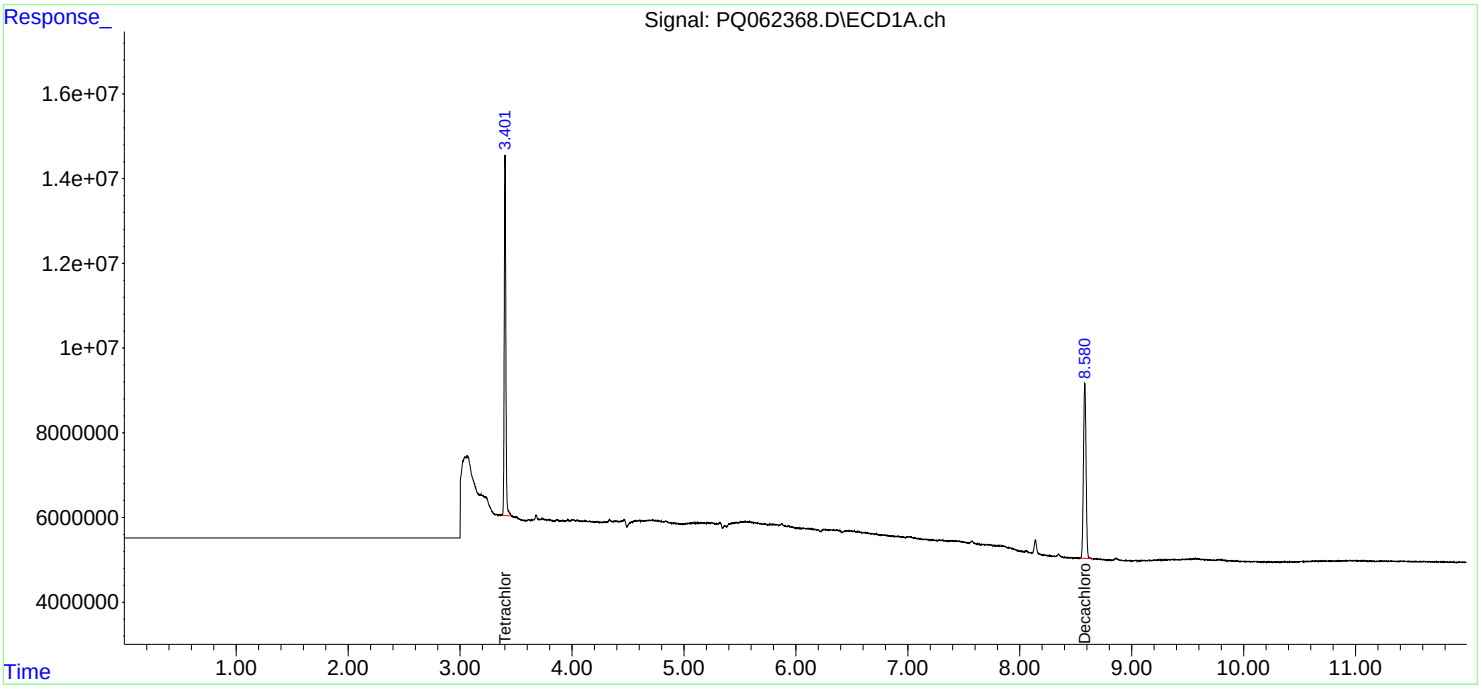
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071823\
Data File : PQ062368.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 22:22
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

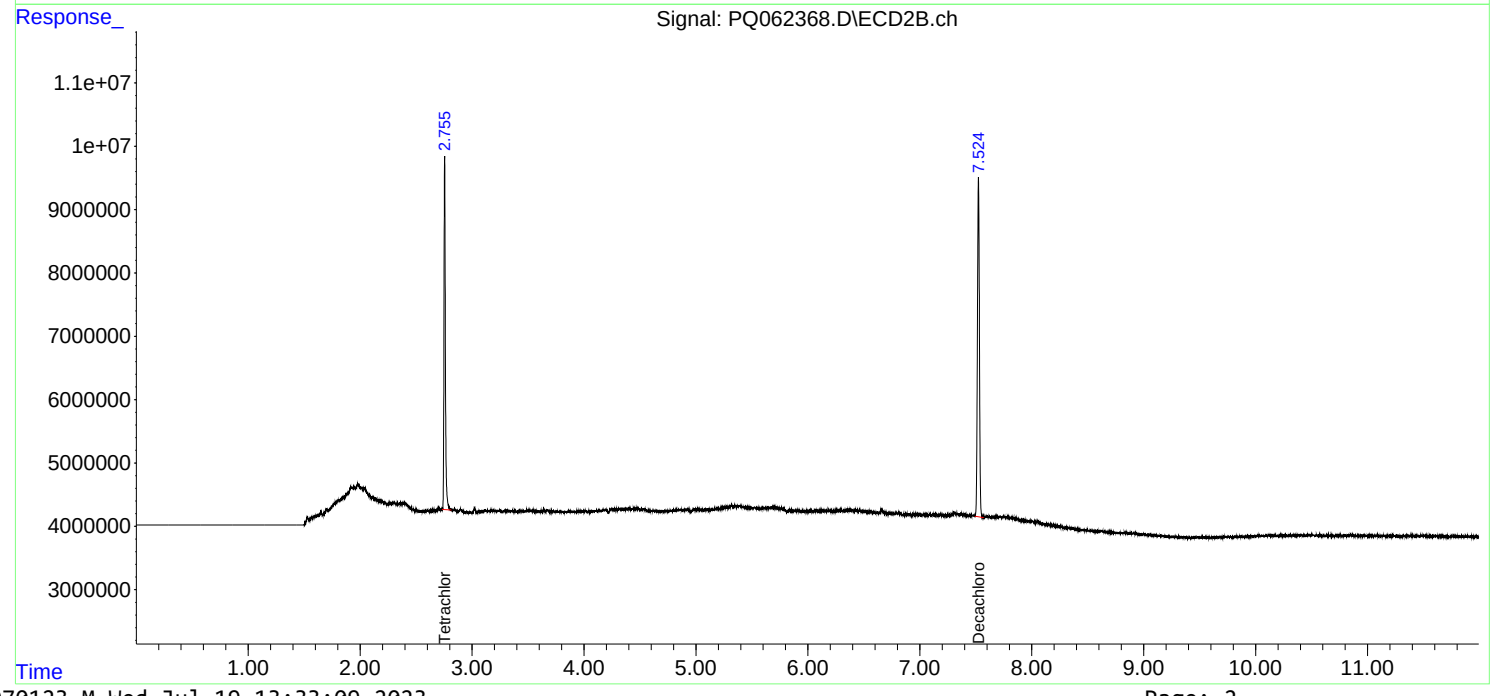
Instrument :
ECD_Q
ClientSampleId :
I.BLK

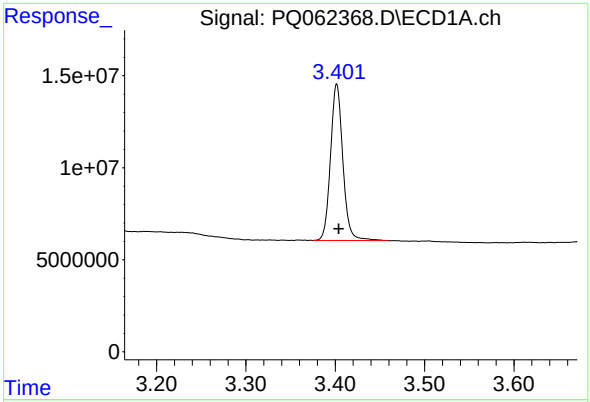
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 02:58:59 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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







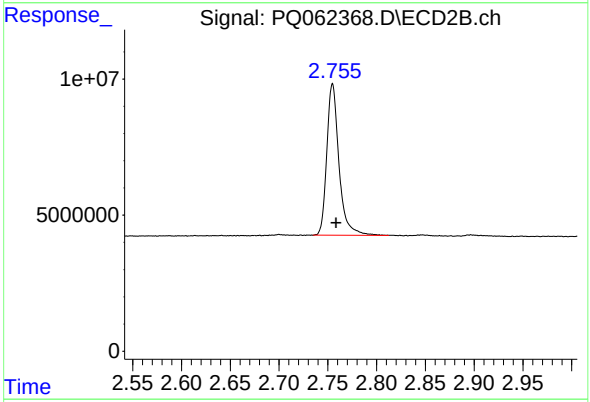
#1 Tetrachloro-m-xylene

R.T.: 3.402 min
Delta R.T.: -0.002 min
Response: 81675689
Conc: 16.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK

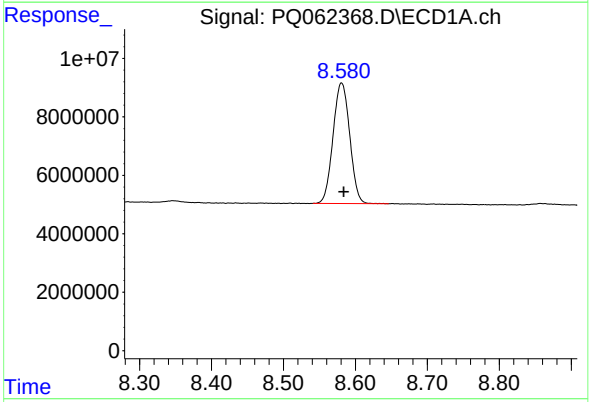
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023



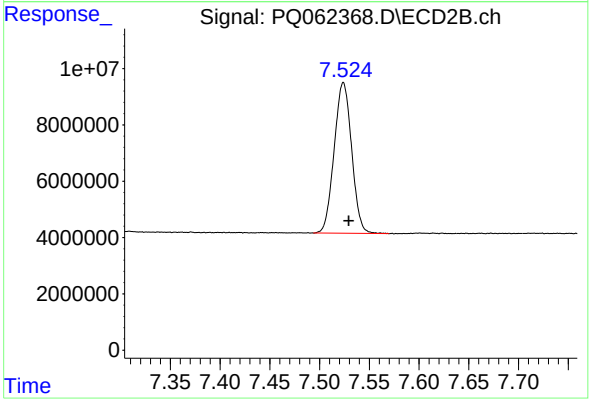
#1 Tetrachloro-m-xylene

R.T.: 2.755 min
Delta R.T.: -0.004 min
Response: 48336841
Conc: 19.26 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.581 min
Delta R.T.: -0.003 min
Response: 66472801
Conc: 18.30 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.524 min
Delta R.T.: -0.006 min
Response: 65510276
Conc: 19.66 ng/ml m

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	07/19/23
Project:	Mackenna Parcels	Date Received:	07/19/23
Client Sample ID:	PIBLK-PQ062377.D	SDG No.:	O3645
Lab Sample ID:	I.BLK-PQ062377.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 Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ062377.D	1		07/19/23	PQ071823

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.50	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.22	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.18	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.18	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.15	0.50	ug/L
11096-82-5	Aroclor-1260	0.50	U	0.16	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.16	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.13	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.9		60 - 140	84%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.1		60 - 140	96%	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\PQ071823\
Data File : PQ062377.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jul 2023 01:32
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 03:03:29 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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...	3.401	2.755	82352129	49491271	16.882	19.725m
2)	SA Decachlor...	8.580	7.523	69374335	67647856	19.097	20.301m
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071823\
Data File : PQ062377.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jul 2023 01:32
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

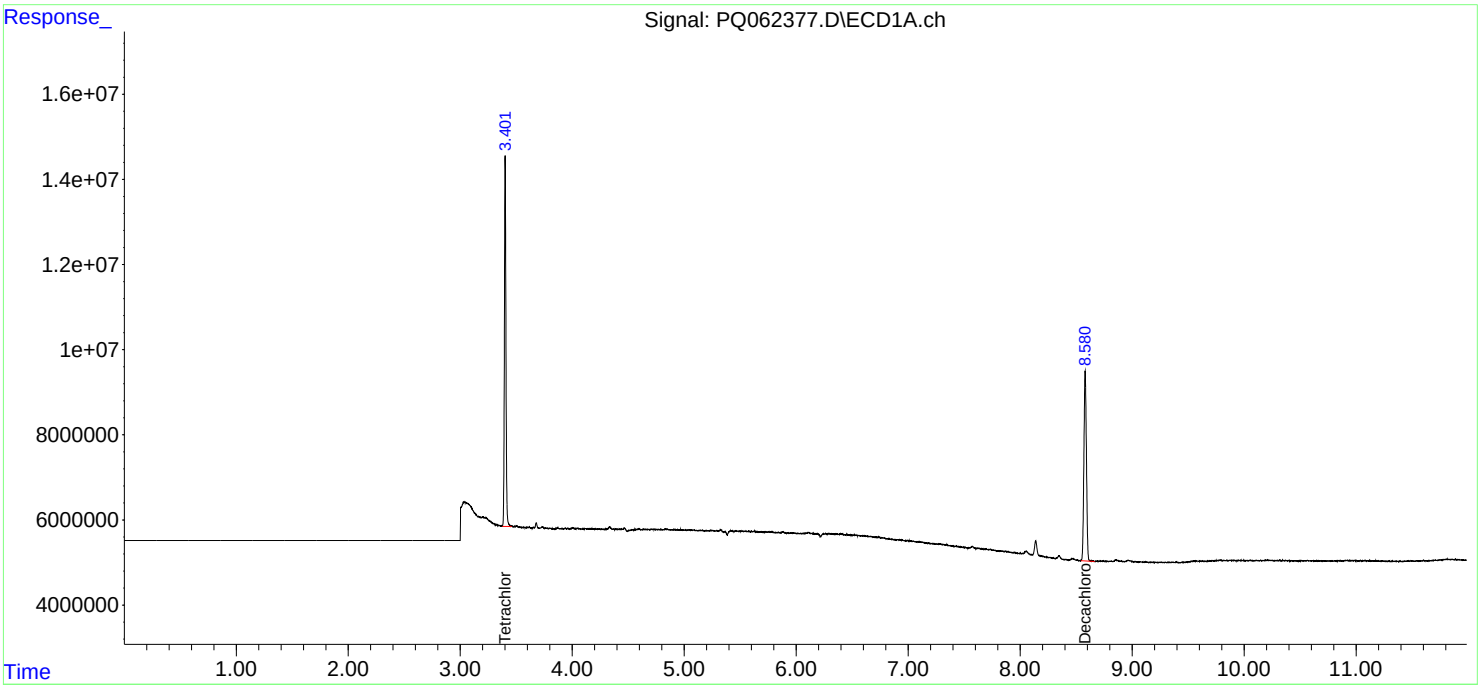
Instrument :
ECD_Q
ClientSampleId :
I.BLK

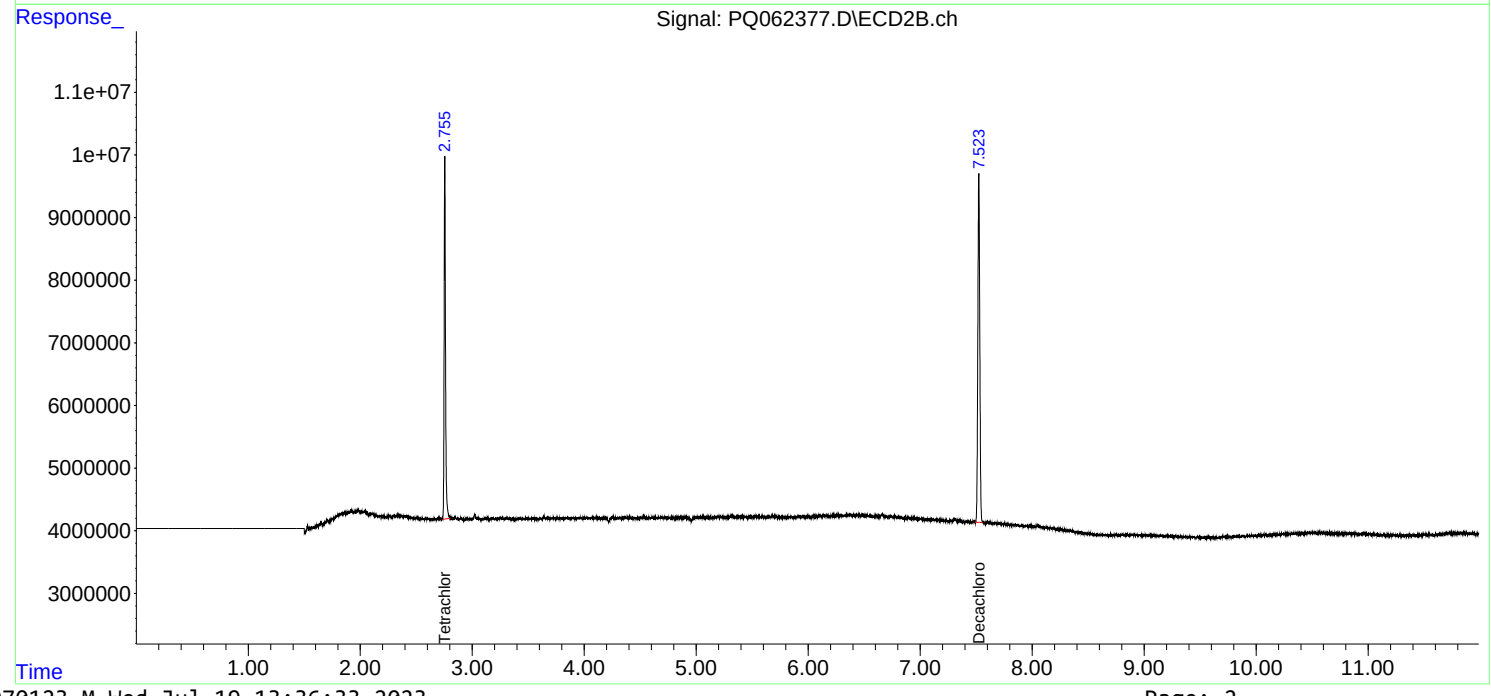
Manual Integrations APPROVED

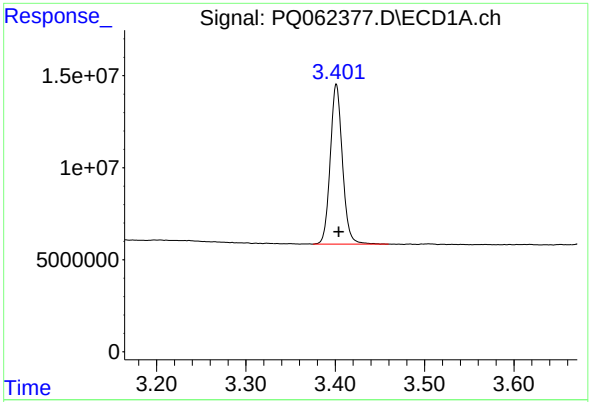
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 03:03:29 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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







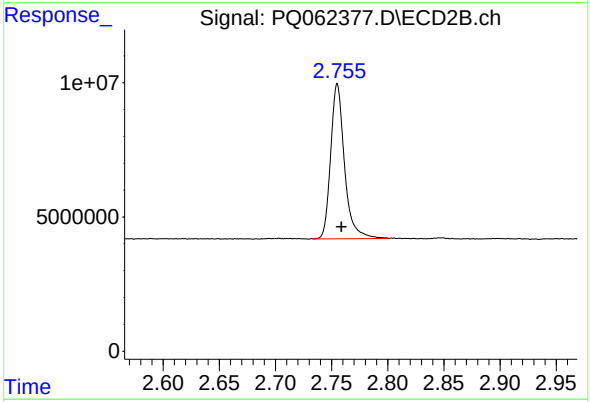
#1 Tetrachloro-m-xylene

R.T.: 3.401 min
Delta R.T.: -0.003 min
Response: 82352129
Conc: 16.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK

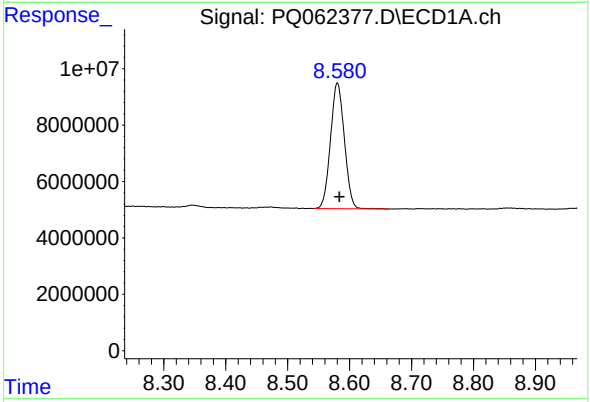
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023



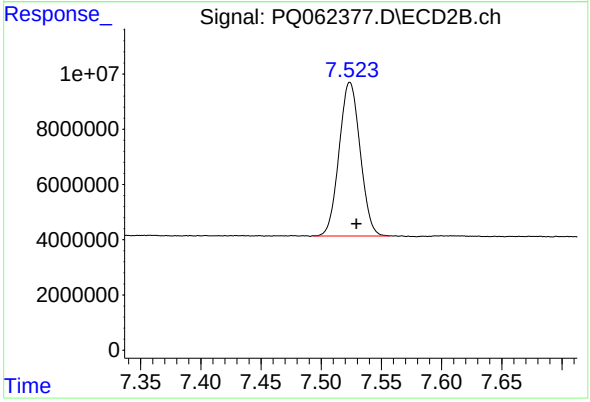
#1 Tetrachloro-m-xylene

R.T.: 2.755 min
Delta R.T.: -0.004 min
Response: 49491271
Conc: 19.72 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.580 min
Delta R.T.: -0.003 min
Response: 69374335
Conc: 19.10 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.523 min
Delta R.T.: -0.006 min
Response: 67647856
Conc: 20.30 ng/ml m

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	Mackenna Parcels	Date Received:	
Client Sample ID:	PB154254BS	SDG No.:	O3645
Lab Sample ID:	PB154254BS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ062336.D	1	07/18/23 09:10	07/18/23 13:35	PB154254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	143		3.60	17.0	ug/kg
11104-28-2	Aroclor-1221	17.0	U	5.90	17.0	ug/kg
11141-16-5	Aroclor-1232	17.0	U	4.50	17.0	ug/kg
53469-21-9	Aroclor-1242	17.0	U	3.10	17.0	ug/kg
12672-29-6	Aroclor-1248	17.0	U	2.80	17.0	ug/kg
11097-69-1	Aroclor-1254	17.0	U	3.80	17.0	ug/kg
37324-23-5	Aroclor-1262	17.0	U	2.70	17.0	ug/kg
11100-14-4	Aroclor-1268	17.0	U	3.30	17.0	ug/kg
11096-82-5	Aroclor-1260	151		3.30	17.0	ug/kg
Total PCBs	Total PCBs	294		6.90	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.2		40 - 162	91%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.8		32 - 176	99%	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\PQ071823\
Data File : PQ062336.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 13:35
Operator : YP\AJ
Sample : PB154254BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
PB154254BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 02:39:28 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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...	3.403	2.756	82416924	45769637	16.895	18.241
2)	SA Decachlor...	8.587	7.525	68866624	66055524	18.957	19.824
	Target Compounds						
3)	L1 AR-1016-1	4.503	3.757	64732945	42296185	392.993	427.340
4)	L1 AR-1016-2	4.523	3.772	97786410	62271923	395.467	431.847
5)	L1 AR-1016-3	4.580	3.932	60076513	32251736	394.188	427.500
6)	L1 AR-1016-4	4.672	3.982	50689782	28026315	404.401	426.716
7)	L1 AR-1016-5	4.959	4.176	50510460	34819654	414.983	424.725
31)	L7 AR-1260-1	6.061	5.168	98724760	76223015	418.447	457.650
32)	L7 AR-1260-2	6.322	5.359	120.1E6	96682808	415.820	464.942
33)	L7 AR-1260-3	6.676	5.500	73852109	85157098	418.245	437.694
34)	L7 AR-1260-4	6.893	5.962	89339419	65737547	424.114	450.685
35)	L7 AR-1260-5	7.205	6.208	177.0E6	151.6E6	431.115	456.671

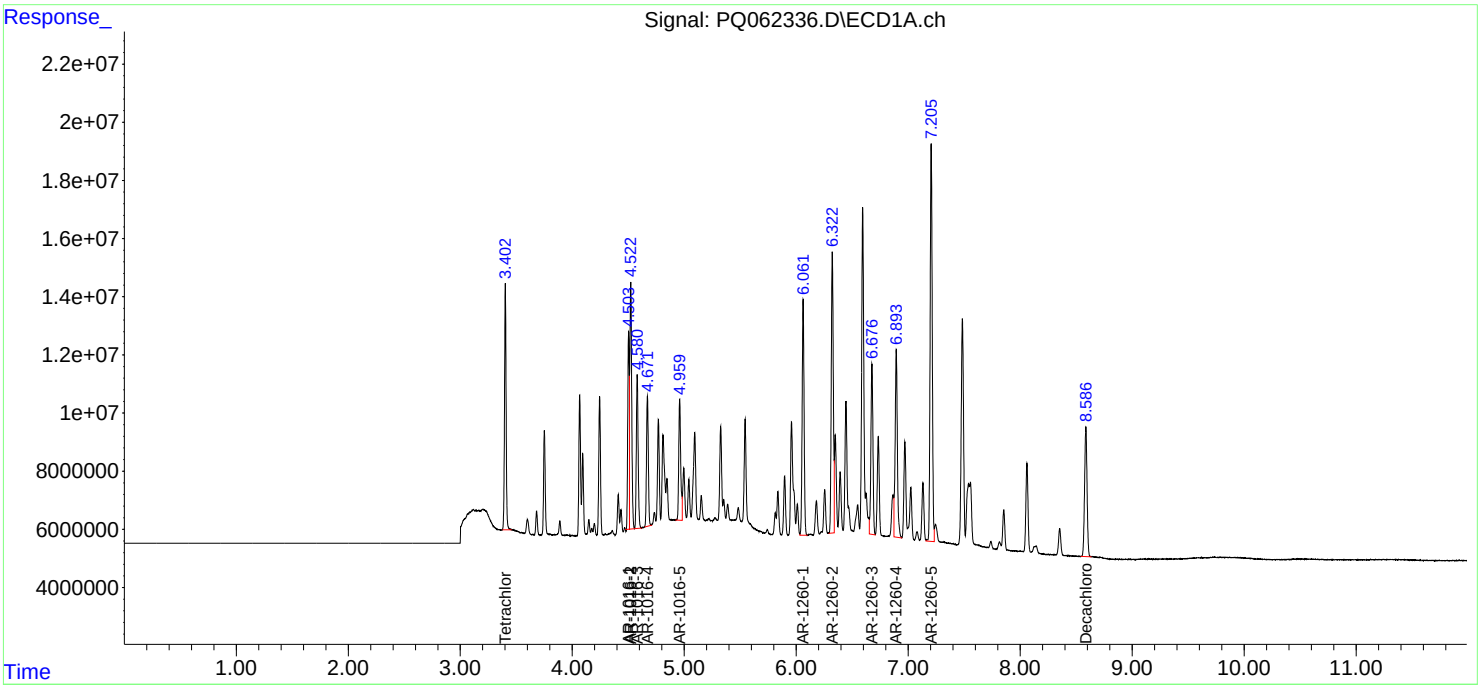
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

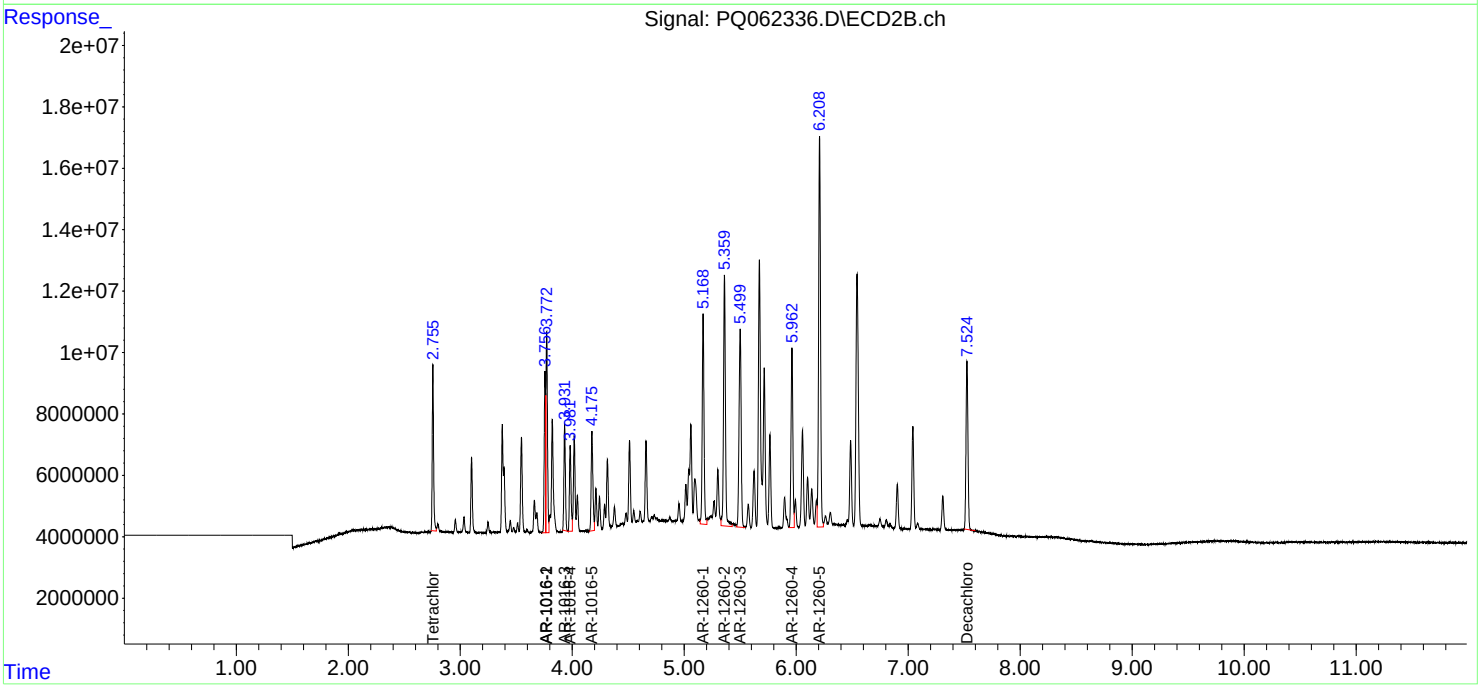
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071823\
Data File : PQ062336.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 13:35
Operator : YP\AJ
Sample : PB154254BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

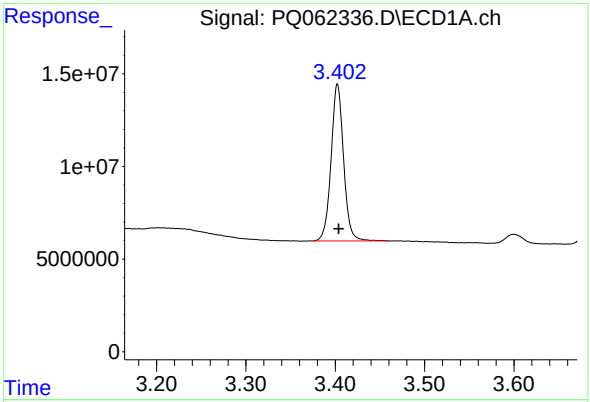
Instrument :
ECD_Q
ClientSampleId :
PB154254BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 02:39:28 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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



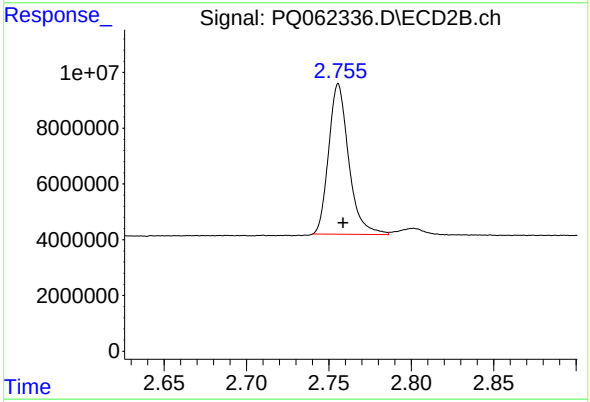




#1 Tetrachloro-m-xylene

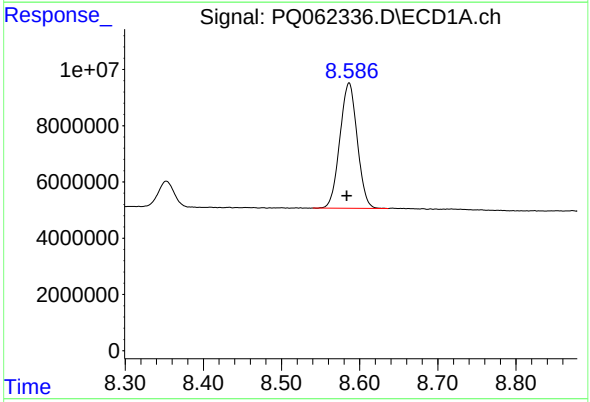
R.T.: 3.403 min
Delta R.T.: -0.001 min
Response: 82416924
Conc: 16.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB154254BS



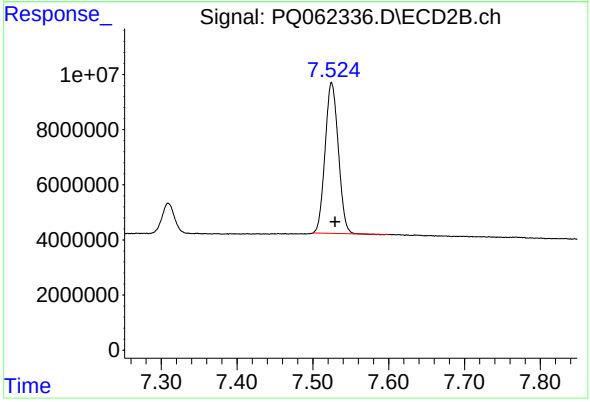
#1 Tetrachloro-m-xylene

R.T.: 2.756 min
Delta R.T.: -0.003 min
Response: 45769637
Conc: 18.24 ng/ml



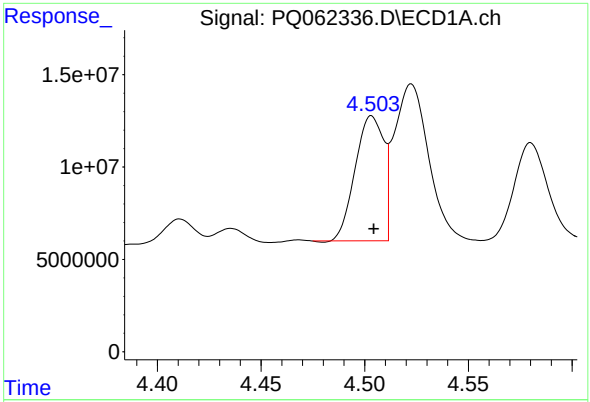
#2 Decachlorobiphenyl

R.T.: 8.587 min
Delta R.T.: 0.003 min
Response: 68866624
Conc: 18.96 ng/ml



#2 Decachlorobiphenyl

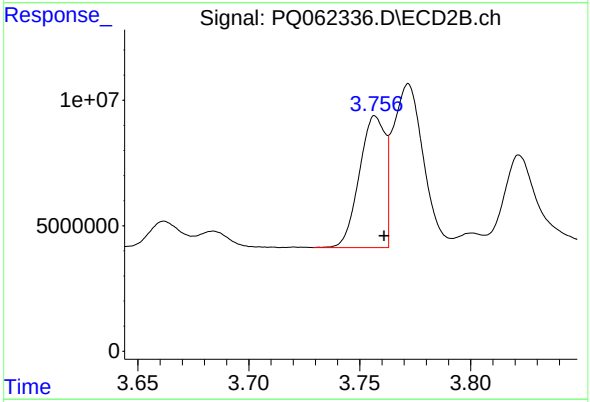
R.T.: 7.525 min
Delta R.T.: -0.004 min
Response: 66055524
Conc: 19.82 ng/ml



#3 AR-1016-1

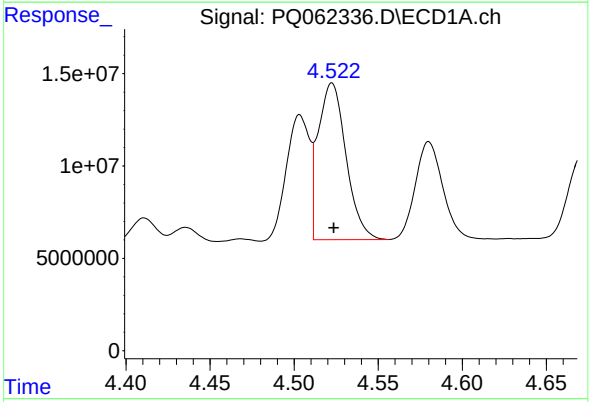
R.T.: 4.503 min
Delta R.T.: 0.000 min
Response: 64732945
Conc: 392.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB154254BS



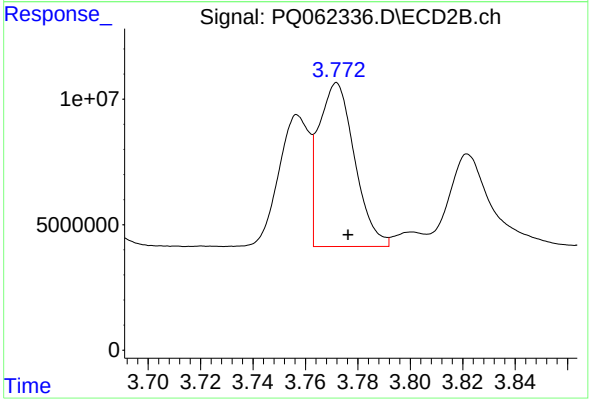
#3 AR-1016-1

R.T.: 3.757 min
Delta R.T.: -0.004 min
Response: 42296185
Conc: 427.34 ng/ml



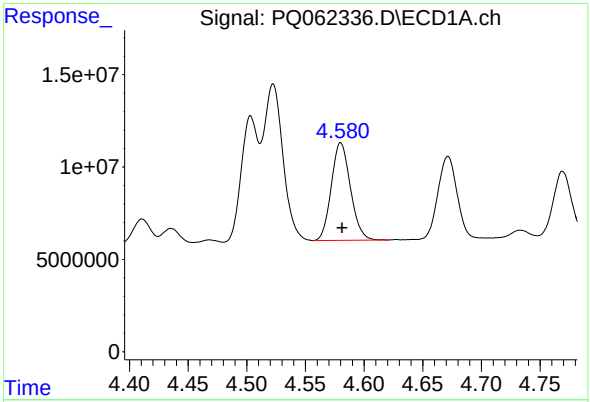
#4 AR-1016-2

R.T.: 4.523 min
Delta R.T.: -0.001 min
Response: 97786410
Conc: 395.47 ng/ml



#4 AR-1016-2

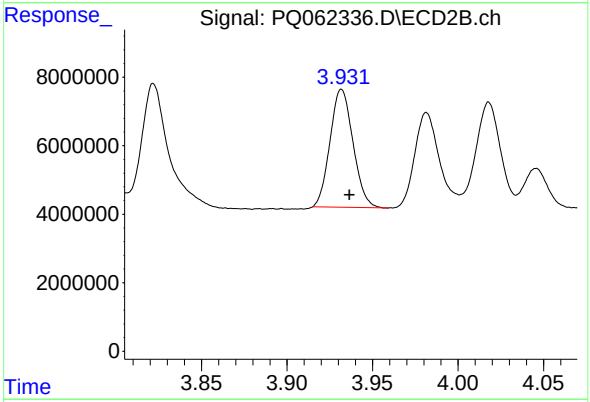
R.T.: 3.772 min
Delta R.T.: -0.004 min
Response: 62271923
Conc: 431.85 ng/ml



#5 AR-1016-3

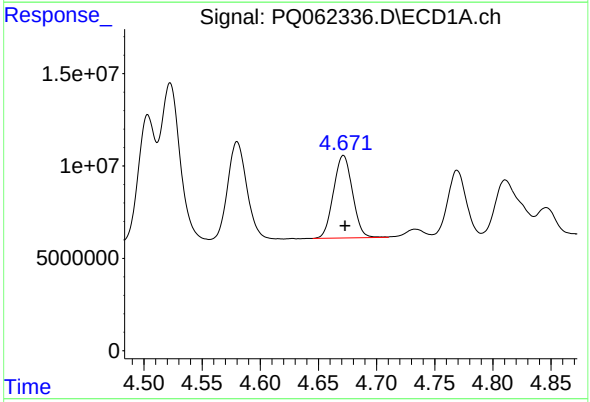
R.T.: 4.580 min
Delta R.T.: 0.000 min
Response: 60076513
Conc: 394.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB154254BS



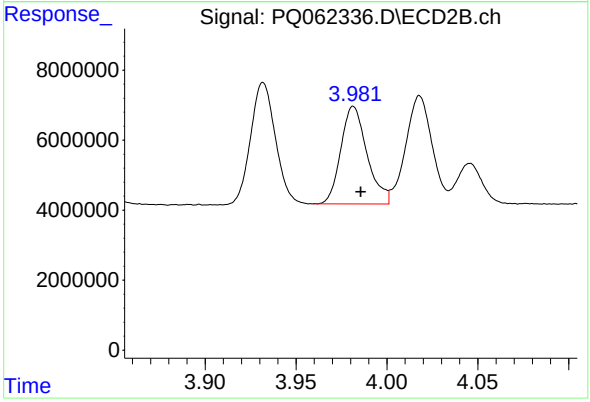
#5 AR-1016-3

R.T.: 3.932 min
Delta R.T.: -0.004 min
Response: 32251736
Conc: 427.50 ng/ml



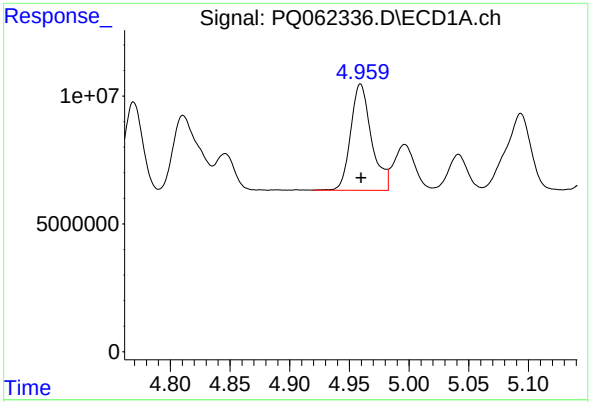
#6 AR-1016-4

R.T.: 4.672 min
Delta R.T.: -0.001 min
Response: 50689782
Conc: 404.40 ng/ml



#6 AR-1016-4

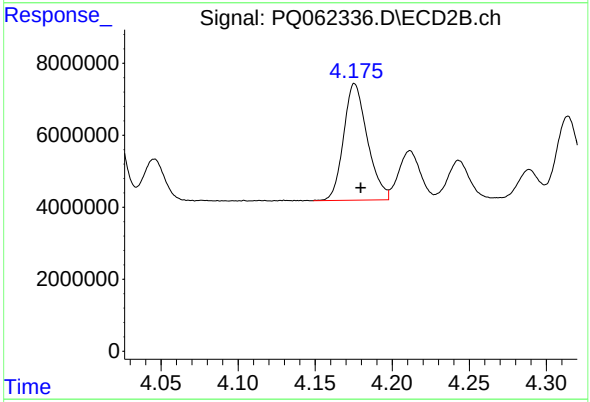
R.T.: 3.982 min
Delta R.T.: -0.004 min
Response: 28026315
Conc: 426.72 ng/ml



#7 AR-1016-5

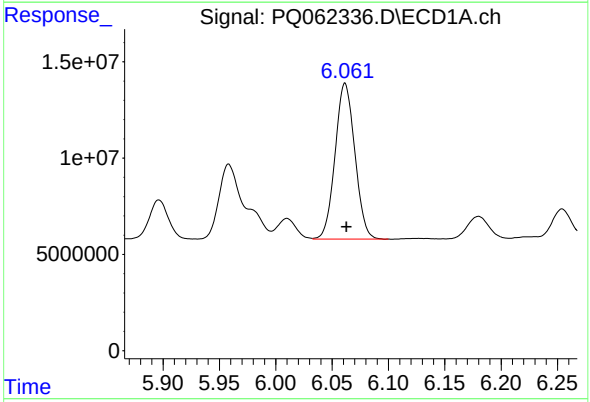
R.T.: 4.959 min
Delta R.T.: 0.000 min
Response: 50510460
Conc: 414.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB154254BS



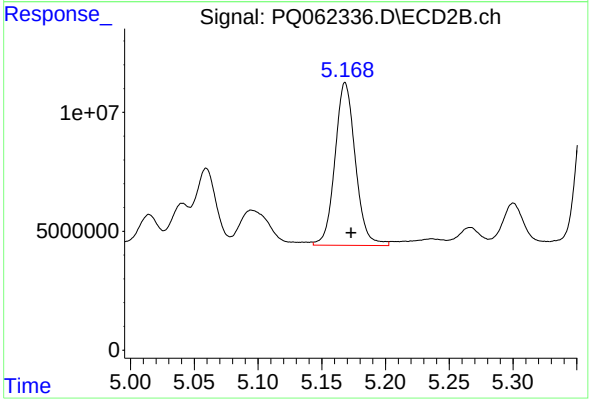
#7 AR-1016-5

R.T.: 4.176 min
Delta R.T.: -0.004 min
Response: 34819654
Conc: 424.73 ng/ml



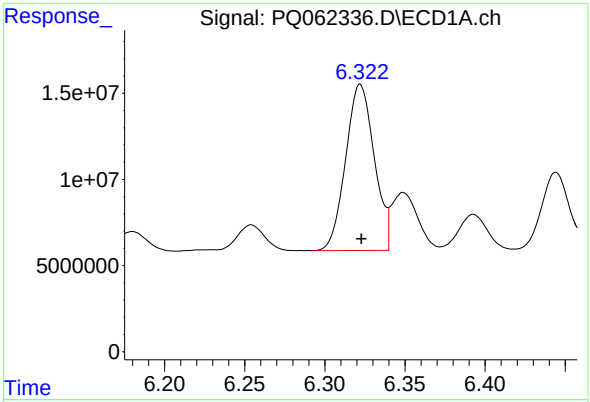
#31 AR-1260-1

R.T.: 6.061 min
Delta R.T.: -0.001 min
Response: 98724760
Conc: 418.45 ng/ml



#31 AR-1260-1

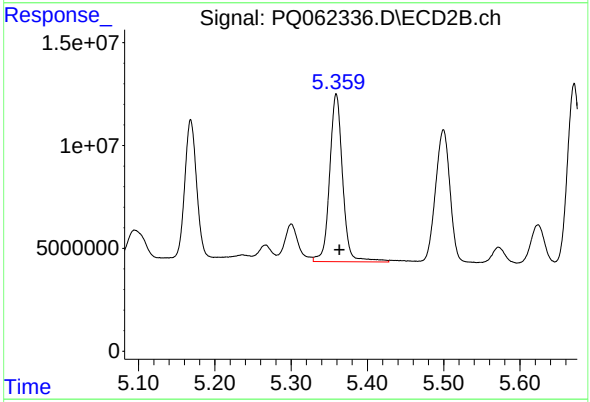
R.T.: 5.168 min
Delta R.T.: -0.005 min
Response: 76223015
Conc: 457.65 ng/ml



#32 AR-1260-2

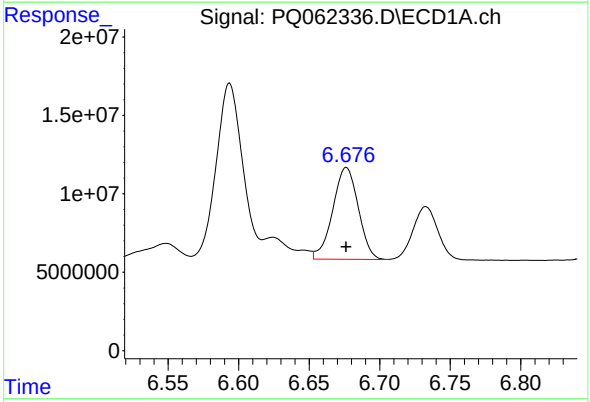
R.T.: 6.322 min
Delta R.T.: 0.000 min
Response: 120093990
Conc: 415.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB154254BS



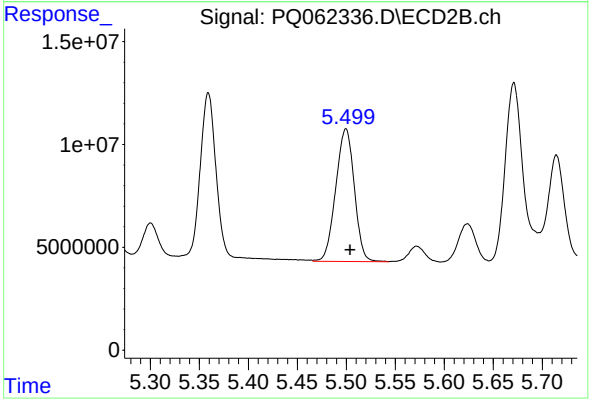
#32 AR-1260-2

R.T.: 5.359 min
Delta R.T.: -0.004 min
Response: 96682808
Conc: 464.94 ng/ml



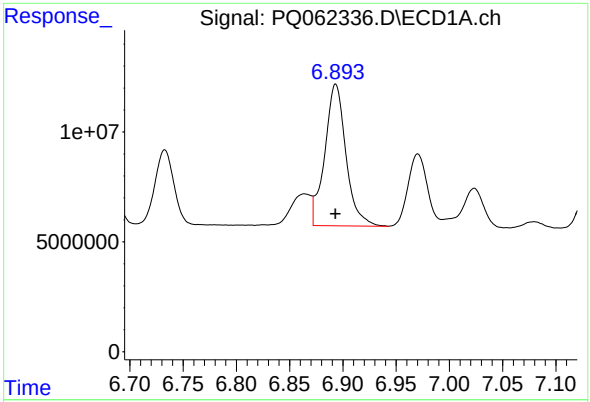
#33 AR-1260-3

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 73852109
Conc: 418.24 ng/ml



#33 AR-1260-3

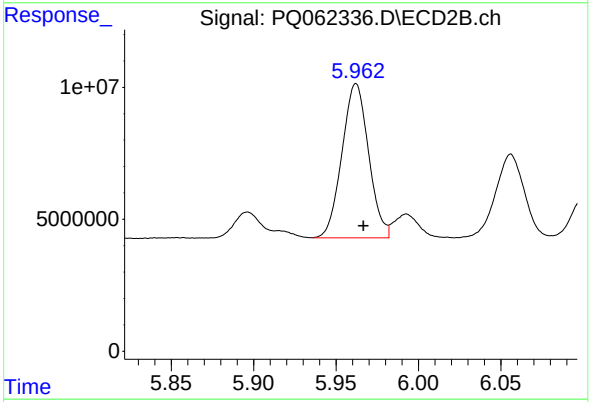
R.T.: 5.500 min
Delta R.T.: -0.004 min
Response: 85157098
Conc: 437.69 ng/ml



#34 AR-1260-4

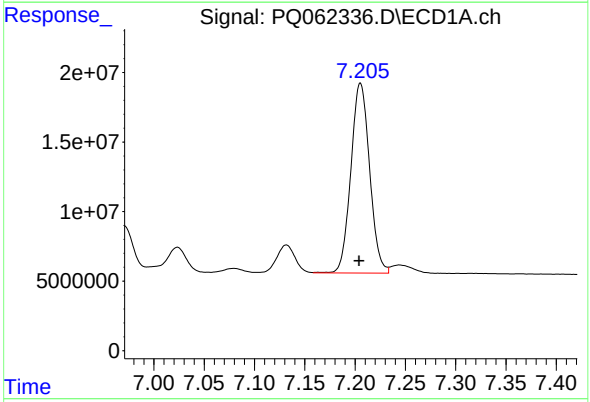
R.T.: 6.893 min
Delta R.T.: 0.000 min
Response: 89339419
Conc: 424.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB154254BS



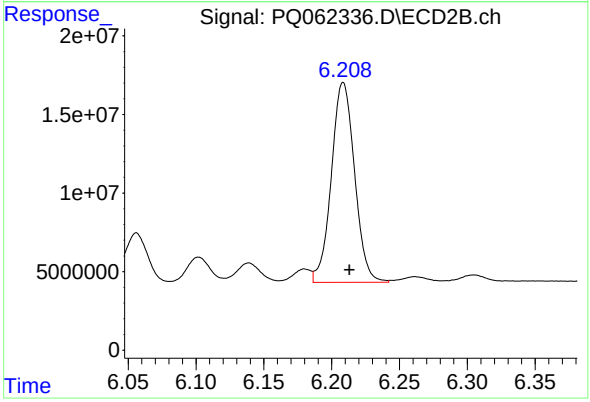
#34 AR-1260-4

R.T.: 5.962 min
Delta R.T.: -0.004 min
Response: 65737547
Conc: 450.68 ng/ml



#35 AR-1260-5

R.T.: 7.205 min
Delta R.T.: 0.001 min
Response: 177019895
Conc: 431.12 ng/ml



#35 AR-1260-5

R.T.: 6.208 min
Delta R.T.: -0.005 min
Response: 151641588
Conc: 456.67 ng/ml

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	Mackenna Parcels	Date Received:	
Client Sample ID:	PB154263BS	SDG No.:	O3645
Lab Sample ID:	PB154263BS	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ062371.D	1	07/18/23 08:50	07/18/23 23:20	PB154263

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	0.50	U	0.22	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.18	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.18	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.16	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.13	0.50	ug/L
11096-82-5	Aroclor-1260	4.60		0.16	0.50	ug/L
Total PCBs	Total PCBs	9.00		0.31	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.9		21 - 155	95%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.6		10 - 173	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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071823\
Data File : PQ062371.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 23:20
Operator : YP\AJ
Sample : PB154263BS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
PB154263BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 03:00:18 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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...	3.402	2.755	84677124	47475500	17.358	18.921
2)	SA Decachlor...	8.581	7.523	71996346	68597512	19.819	20.586
	Target Compounds						
3)	L1 AR-1016-1	4.503	3.757	68024992	43903014	412.979	443.575
4)	L1 AR-1016-2	4.521	3.772	102.4E6	64989004	414.149	450.690
5)	L1 AR-1016-3	4.579	3.932	63578005	33320844	417.163	441.671
6)	L1 AR-1016-4	4.671	3.982	52480067	29084826	418.684	442.832
7)	L1 AR-1016-5	4.958	4.176	51314044	35794214	421.585	436.613
31)	L7 AR-1260-1	6.061	5.169	98164007	74536863	416.070	447.526
32)	L7 AR-1260-2	6.322	5.359	122.3E6	100.9E6	423.491	485.047
33)	L7 AR-1260-3	6.674	5.500	75785731	87167996	429.195	448.029
34)	L7 AR-1260-4	6.892	5.962	91219415	66485387	433.038	455.812
35)	L7 AR-1260-5	7.203	6.209	182.3E6	152.8E6	444.067	460.138

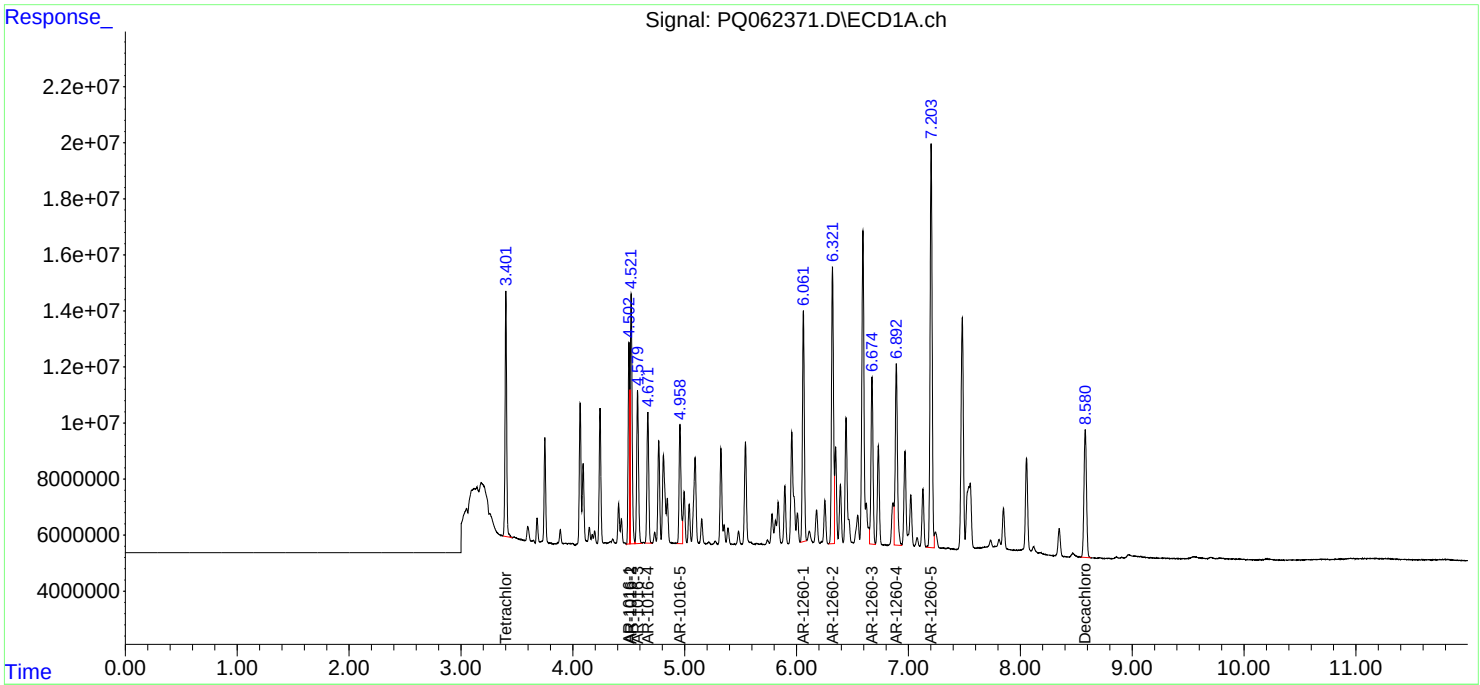
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

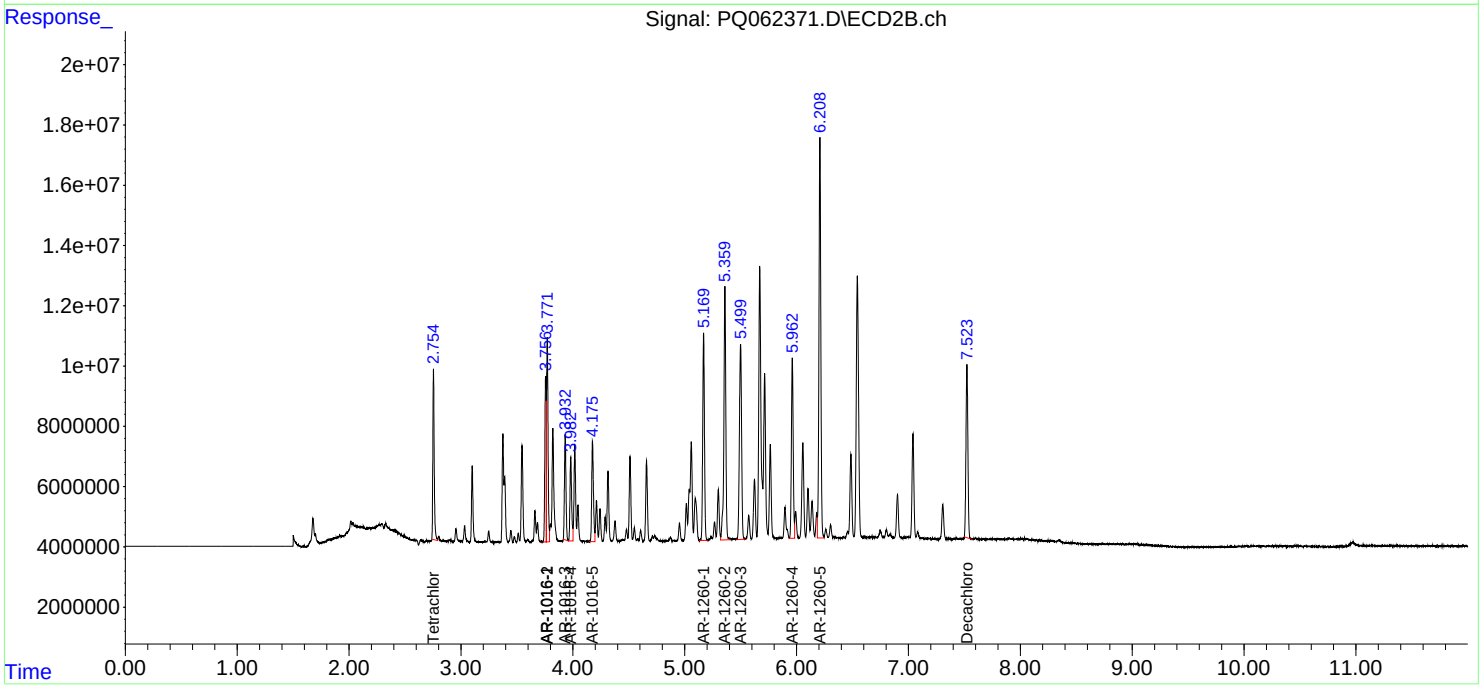
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071823\
Data File : PQ062371.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 23:20
Operator : YP\AJ
Sample : PB154263BS
Misc :
ALS Vial : 37 Sample Multiplier: 1

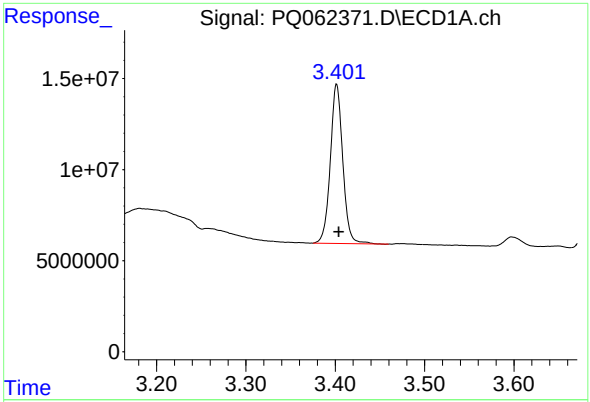
Instrument :
ECD_Q
ClientSampleId :
PB154263BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 03:00:18 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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



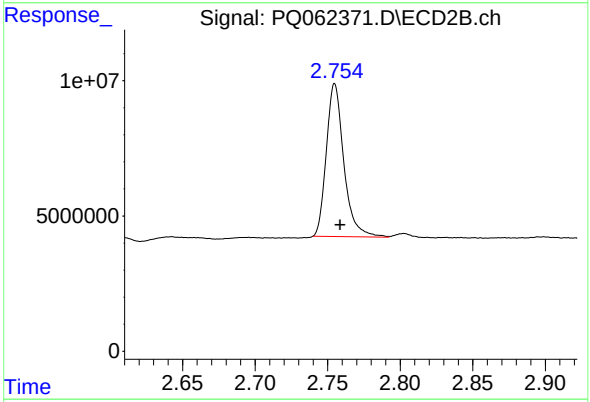




#1 Tetrachloro-m-xylene

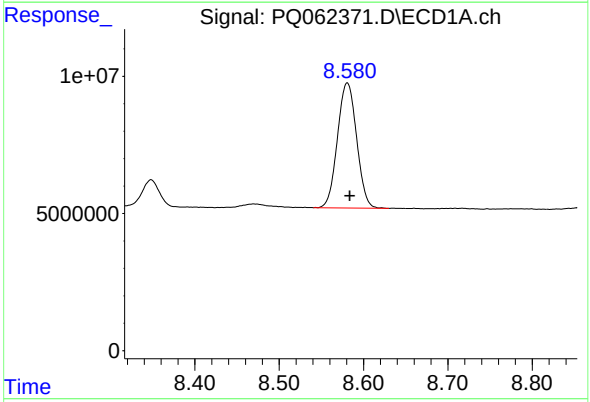
R.T.: 3.402 min
Delta R.T.: -0.002 min
Response: 84677124
Conc: 17.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB154263BS



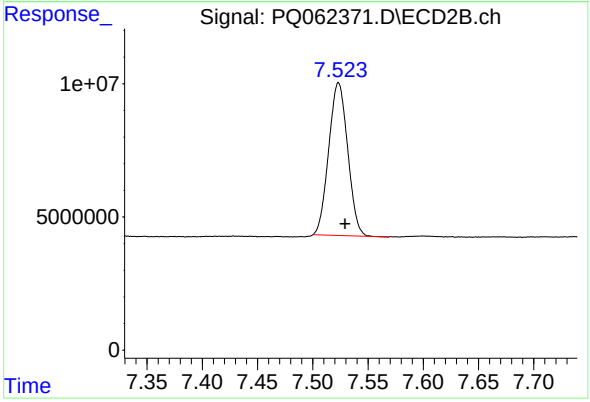
#1 Tetrachloro-m-xylene

R.T.: 2.755 min
Delta R.T.: -0.004 min
Response: 47475500
Conc: 18.92 ng/ml



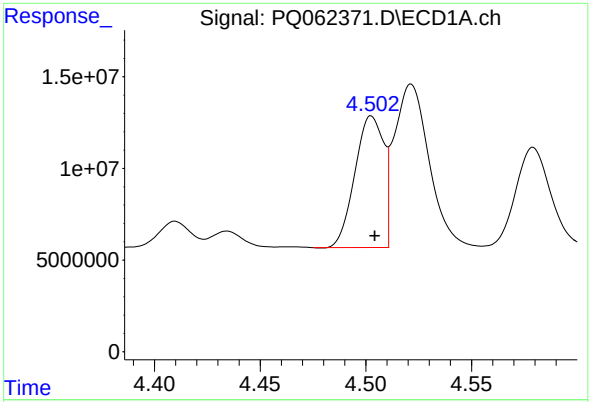
#2 Decachlorobiphenyl

R.T.: 8.581 min
Delta R.T.: -0.003 min
Response: 71996346
Conc: 19.82 ng/ml



#2 Decachlorobiphenyl

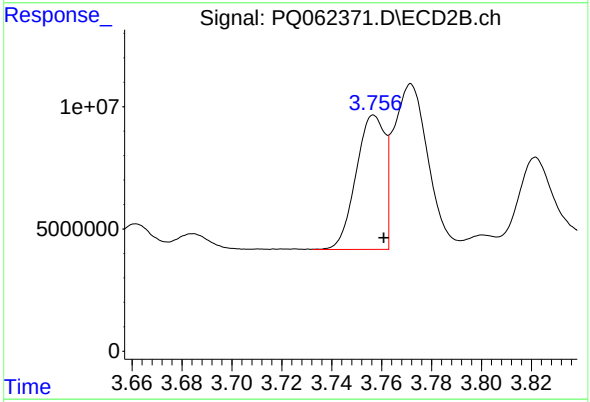
R.T.: 7.523 min
Delta R.T.: -0.006 min
Response: 68597512
Conc: 20.59 ng/ml



#3 AR-1016-1

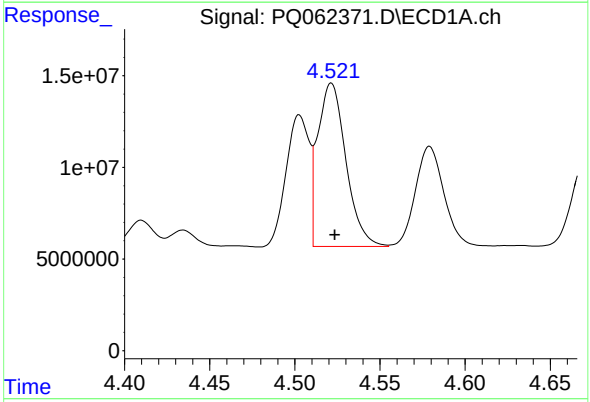
R.T.: 4.503 min
Delta R.T.: -0.002 min
Response: 68024992
Conc: 412.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB154263BS



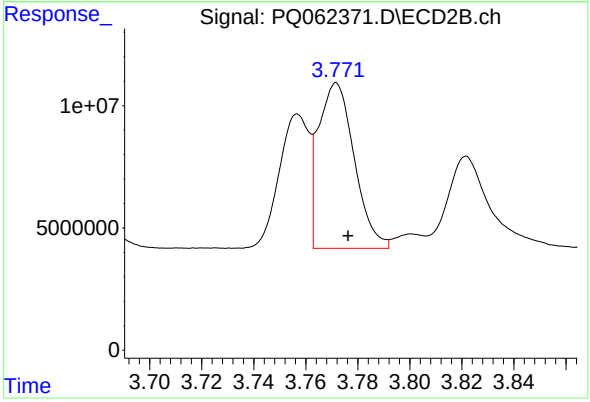
#3 AR-1016-1

R.T.: 3.757 min
Delta R.T.: -0.004 min
Response: 43903014
Conc: 443.57 ng/ml



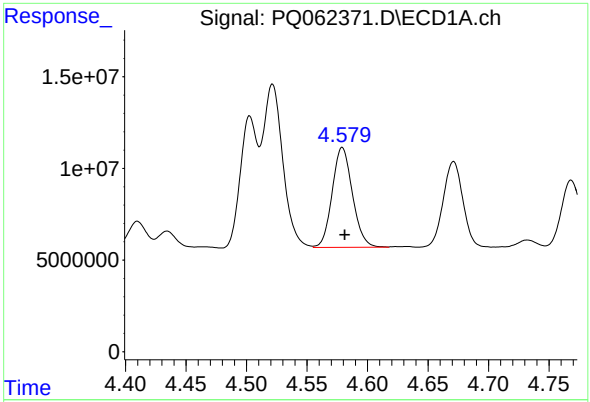
#4 AR-1016-2

R.T.: 4.521 min
Delta R.T.: -0.002 min
Response: 102405965
Conc: 414.15 ng/ml



#4 AR-1016-2

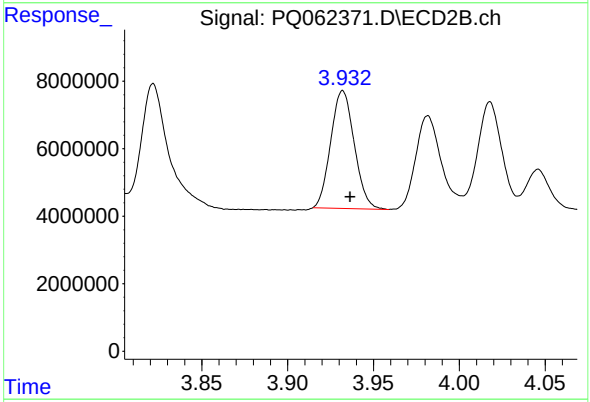
R.T.: 3.772 min
Delta R.T.: -0.004 min
Response: 64989004
Conc: 450.69 ng/ml



#5 AR-1016-3

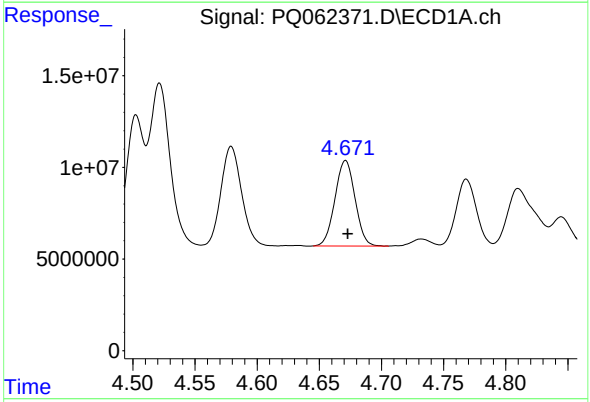
R.T.: 4.579 min
Delta R.T.: -0.002 min
Response: 63578005
Conc: 417.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB154263BS



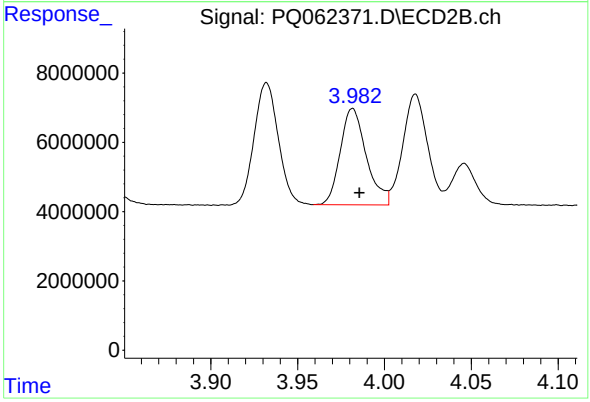
#5 AR-1016-3

R.T.: 3.932 min
Delta R.T.: -0.004 min
Response: 33320844
Conc: 441.67 ng/ml



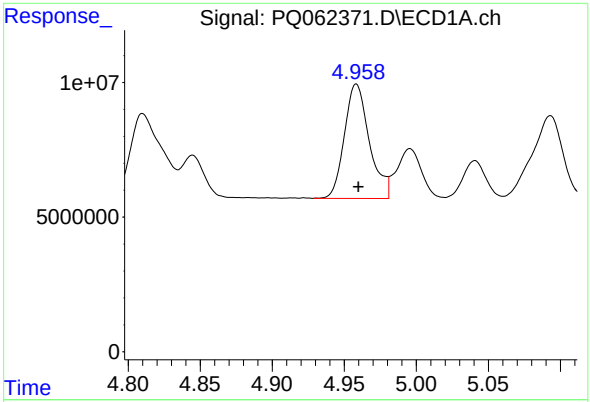
#6 AR-1016-4

R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 52480067
Conc: 418.68 ng/ml



#6 AR-1016-4

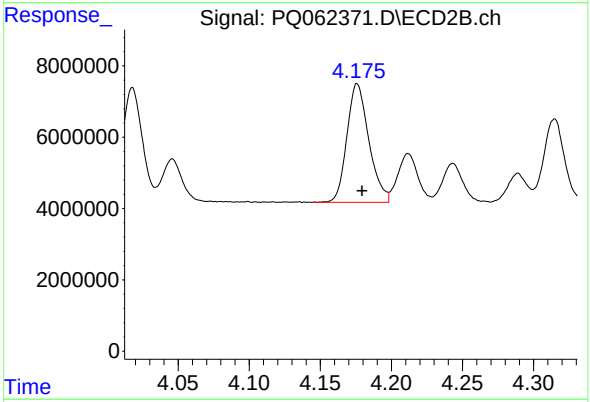
R.T.: 3.982 min
Delta R.T.: -0.004 min
Response: 29084826
Conc: 442.83 ng/ml



#7 AR-1016-5

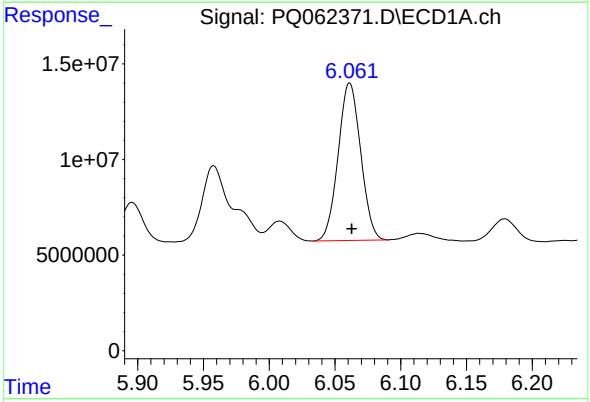
R.T.: 4.958 min
Delta R.T.: -0.001 min
Response: 51314044
Conc: 421.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB154263BS



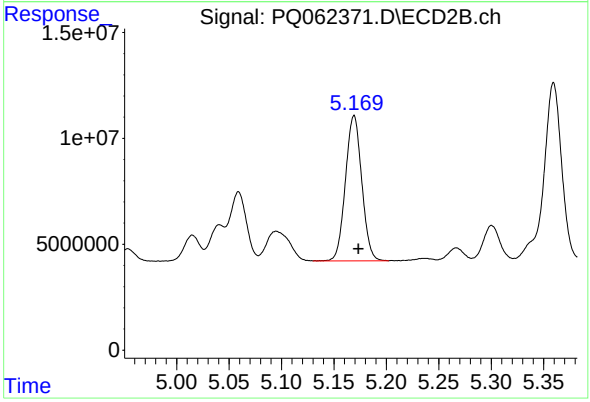
#7 AR-1016-5

R.T.: 4.176 min
Delta R.T.: -0.004 min
Response: 35794214
Conc: 436.61 ng/ml



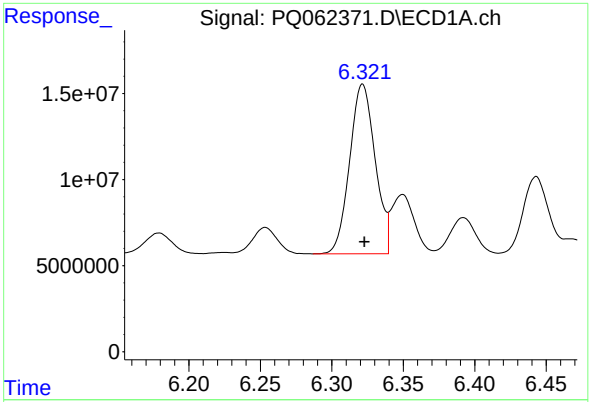
#31 AR-1260-1

R.T.: 6.061 min
Delta R.T.: -0.002 min
Response: 98164007
Conc: 416.07 ng/ml



#31 AR-1260-1

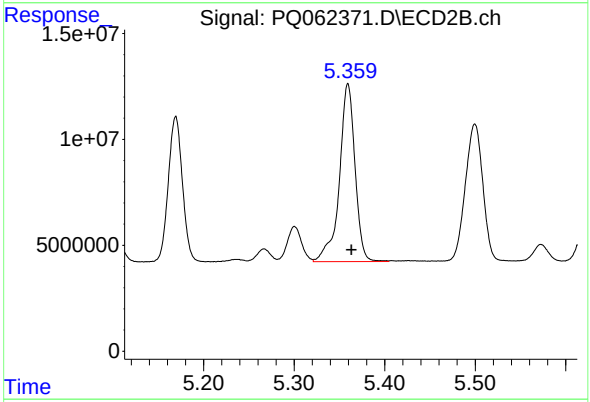
R.T.: 5.169 min
Delta R.T.: -0.004 min
Response: 74536863
Conc: 447.53 ng/ml



#32 AR-1260-2

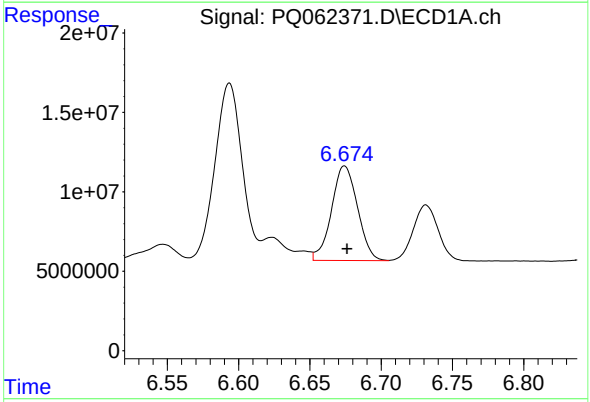
R.T.: 6.322 min
Delta R.T.: -0.001 min
Response: 122309616
Conc: 423.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB154263BS



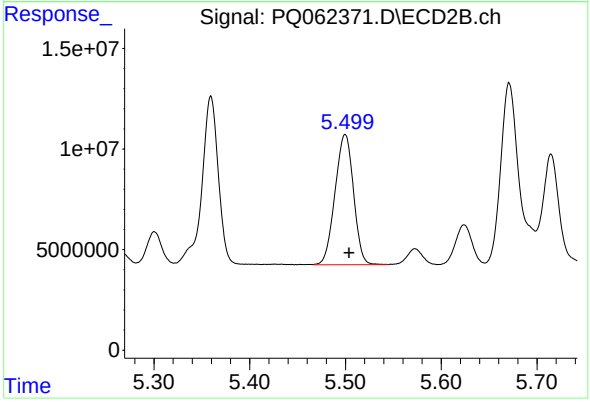
#32 AR-1260-2

R.T.: 5.359 min
Delta R.T.: -0.004 min
Response: 100863560
Conc: 485.05 ng/ml



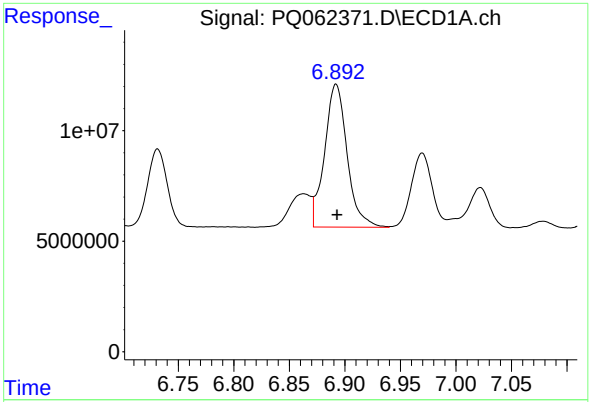
#33 AR-1260-3

R.T.: 6.674 min
Delta R.T.: -0.002 min
Response: 75785731
Conc: 429.20 ng/ml



#33 AR-1260-3

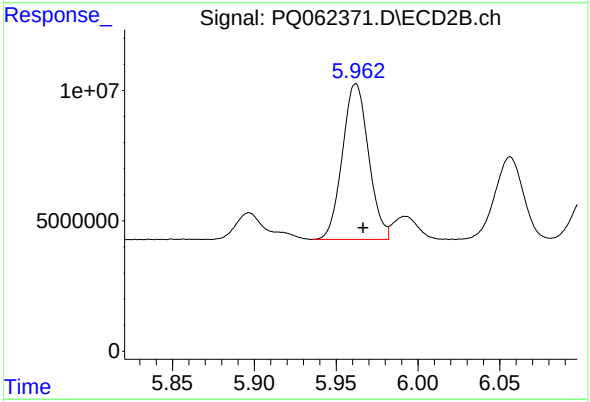
R.T.: 5.500 min
Delta R.T.: -0.004 min
Response: 87167996
Conc: 448.03 ng/ml



#34 AR-1260-4

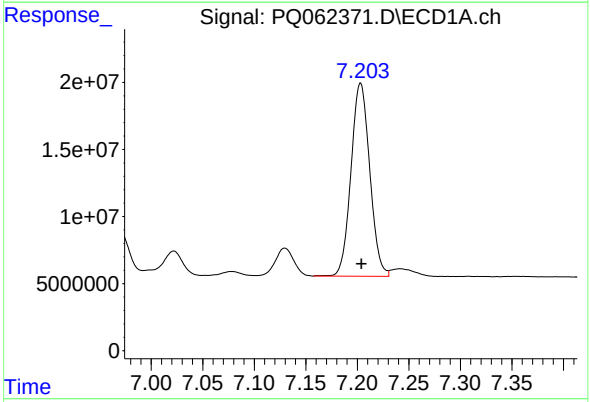
R.T.: 6.892 min
Delta R.T.: 0.000 min
Response: 91219415
Conc: 433.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB154263BS



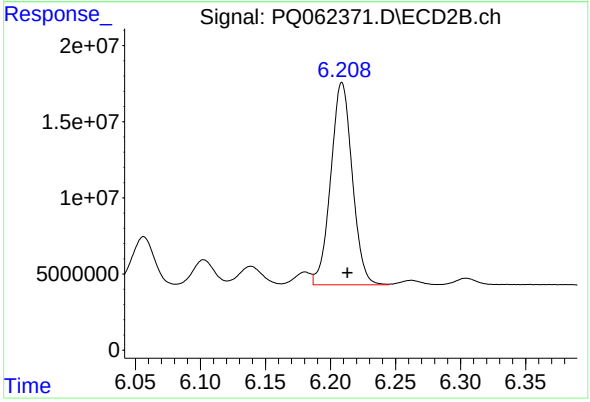
#34 AR-1260-4

R.T.: 5.962 min
Delta R.T.: -0.005 min
Response: 66485387
Conc: 455.81 ng/ml



#35 AR-1260-5

R.T.: 7.203 min
Delta R.T.: 0.000 min
Response: 182337816
Conc: 444.07 ng/ml



#35 AR-1260-5

R.T.: 6.209 min
Delta R.T.: -0.004 min
Response: 152793024
Conc: 460.14 ng/ml

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	Mackenna Parcels	Date Received:	
Client Sample ID:	PB154263BSD	SDG No.:	O3645
Lab Sample ID:	PB154263BSD	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ062372.D	1	07/18/23 08:50	07/18/23 23:35	PB154263

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	4.30		0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.22	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.18	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.18	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.16	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.13	0.50	ug/L
11096-82-5	Aroclor-1260	4.60		0.16	0.50	ug/L
Total PCBs	Total PCBs	8.90		0.31	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.5		21 - 155	93%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.0		10 - 173	105%	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\PQ071823\
Data File : PQ062372.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 23:35
Operator : YP\AJ
Sample : PB154263BSD
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
PB154263BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 03:00:45 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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...	3.401	2.755	83733198	46408981	17.165	18.496
2)	SA Decachlor...	8.582	7.524	72302594	69958116	19.903	20.995
	Target Compounds						
3)	L1 AR-1016-1	4.503	3.757	67580703	41724250	410.281	421.562
4)	L1 AR-1016-2	4.521	3.772	100.1E6	62644877	404.878	434.434
5)	L1 AR-1016-3	4.579	3.932	62123472	32169556	407.619	426.411
6)	L1 AR-1016-4	4.671	3.981	51817549	27945697	413.399	425.488
7)	L1 AR-1016-5	4.958	4.176	50306715	34501044	413.309	420.839
31)	L7 AR-1260-1	6.061	5.169	98036730	75798944	415.530	455.103
32)	L7 AR-1260-2	6.321	5.359	122.3E6	99060143	423.335	476.374
33)	L7 AR-1260-3	6.675	5.500	75769175	87893022	429.101	451.756
34)	L7 AR-1260-4	6.891	5.961	91211291	66244288	433.000	454.159
35)	L7 AR-1260-5	7.203	6.208	182.3E6	153.7E6	443.919	462.983

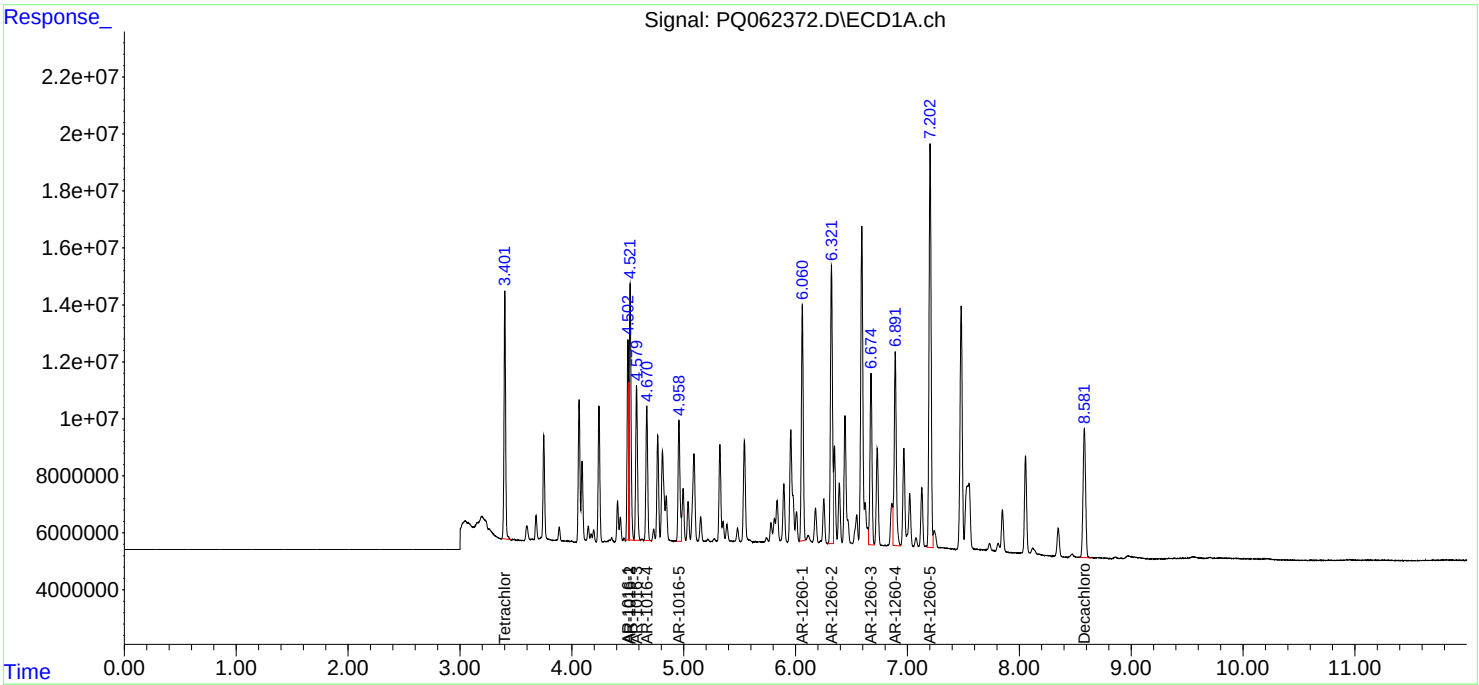
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

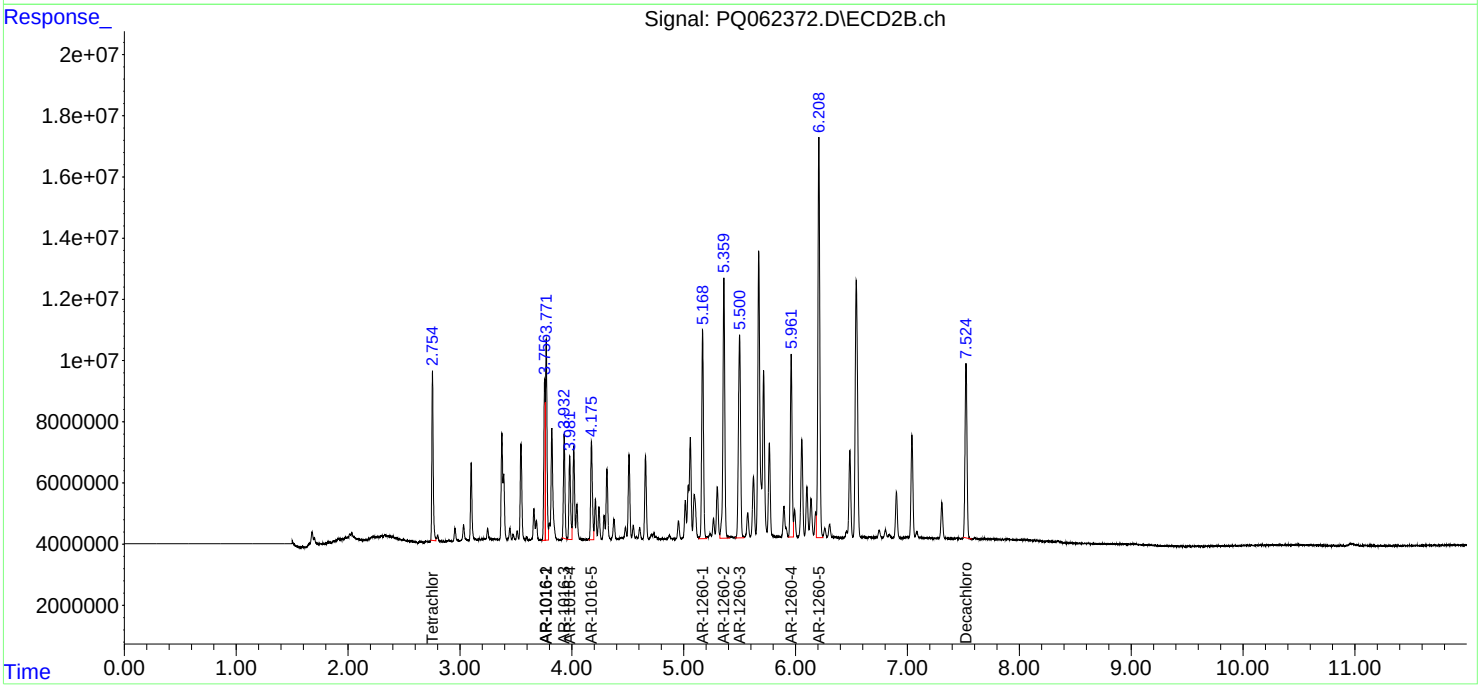
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071823\
Data File : PQ062372.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 23:35
Operator : YP\AJ
Sample : PB154263BSD
Misc :
ALS Vial : 38 Sample Multiplier: 1

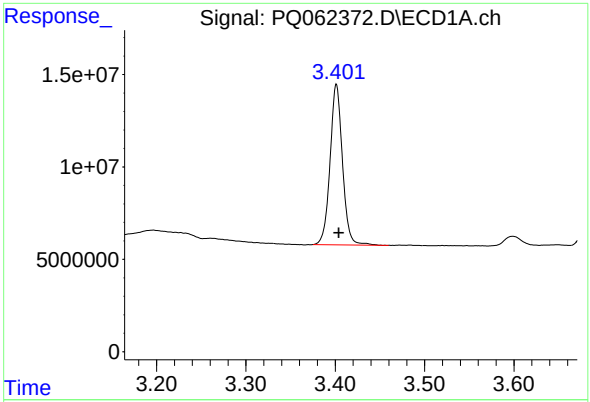
Instrument :
ECD_Q
ClientSampleId :
PB154263BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 03:00:45 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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



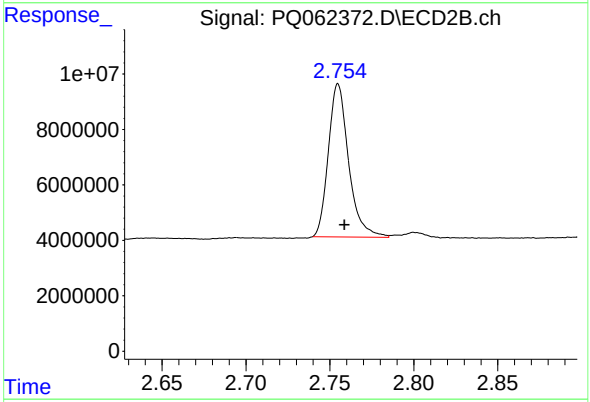




#1 Tetrachloro-m-xylene

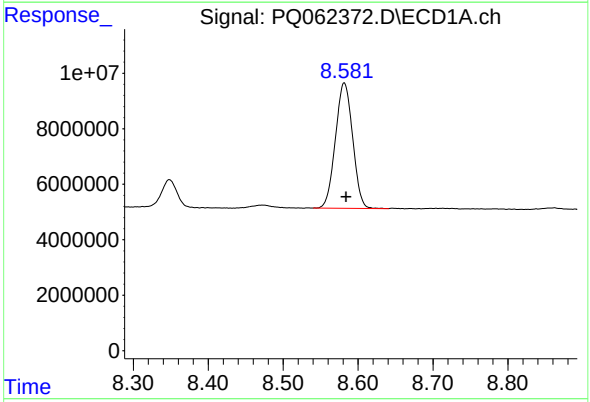
R.T.: 3.401 min
Delta R.T.: -0.003 min
Response: 83733198
Conc: 17.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB154263BSD



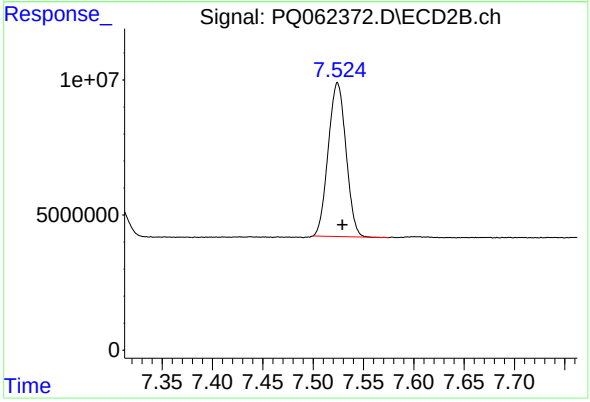
#1 Tetrachloro-m-xylene

R.T.: 2.755 min
Delta R.T.: -0.004 min
Response: 46408981
Conc: 18.50 ng/ml



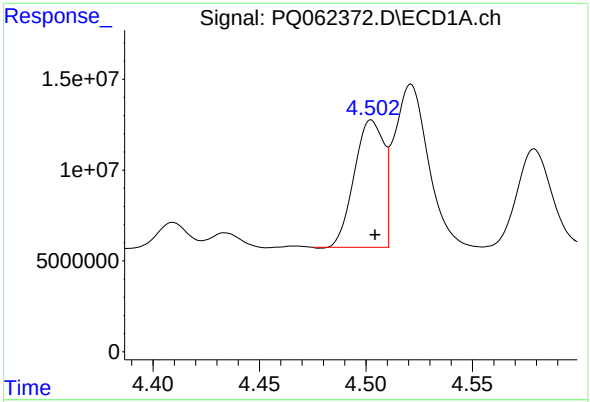
#2 Decachlorobiphenyl

R.T.: 8.582 min
Delta R.T.: -0.002 min
Response: 72302594
Conc: 19.90 ng/ml



#2 Decachlorobiphenyl

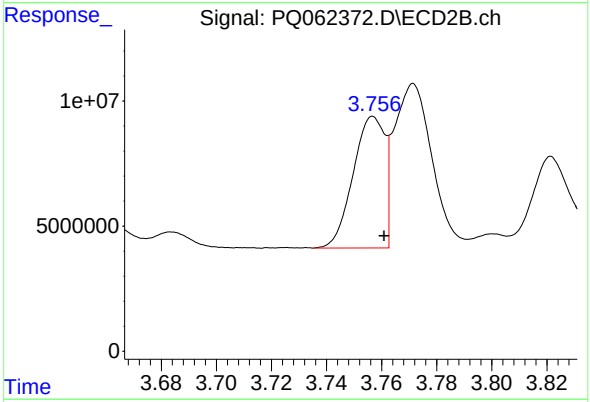
R.T.: 7.524 min
Delta R.T.: -0.005 min
Response: 69958116
Conc: 20.99 ng/ml



#3 AR-1016-1

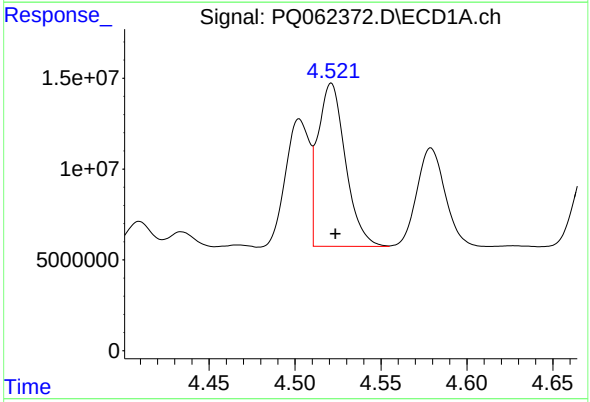
R.T.: 4.503 min
Delta R.T.: -0.002 min
Response: 67580703
Conc: 410.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB154263BSD



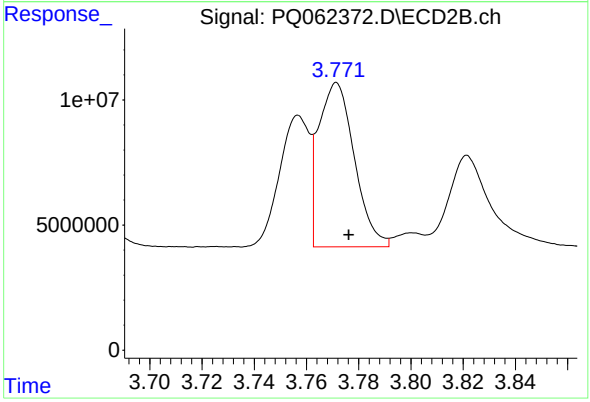
#3 AR-1016-1

R.T.: 3.757 min
Delta R.T.: -0.004 min
Response: 41724250
Conc: 421.56 ng/ml



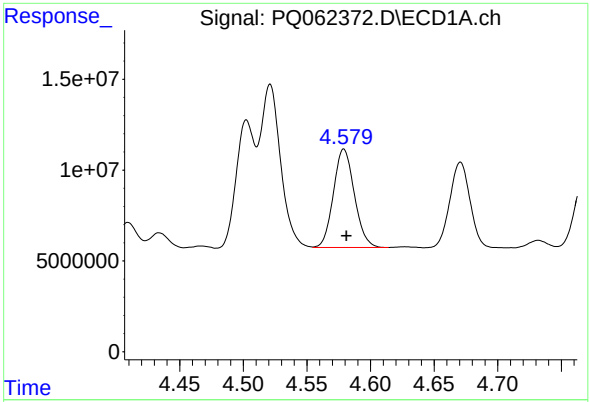
#4 AR-1016-2

R.T.: 4.521 min
Delta R.T.: -0.002 min
Response: 100113604
Conc: 404.88 ng/ml



#4 AR-1016-2

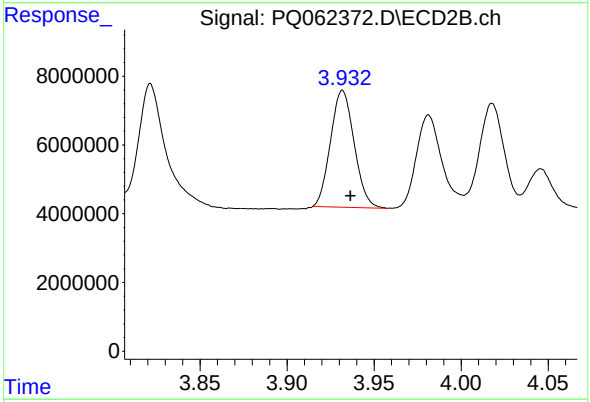
R.T.: 3.772 min
Delta R.T.: -0.005 min
Response: 62644877
Conc: 434.43 ng/ml



#5 AR-1016-3

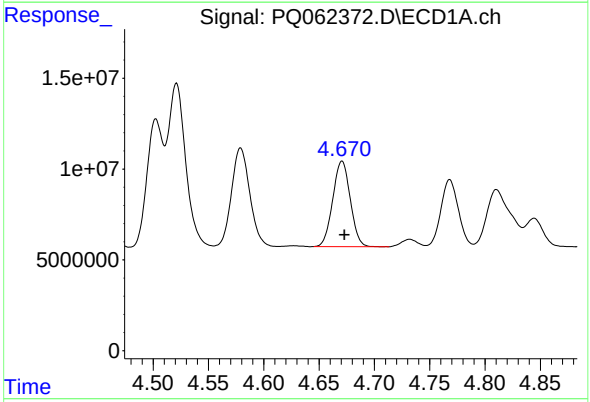
R.T.: 4.579 min
Delta R.T.: -0.002 min
Response: 62123472
Conc: 407.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB154263BSD



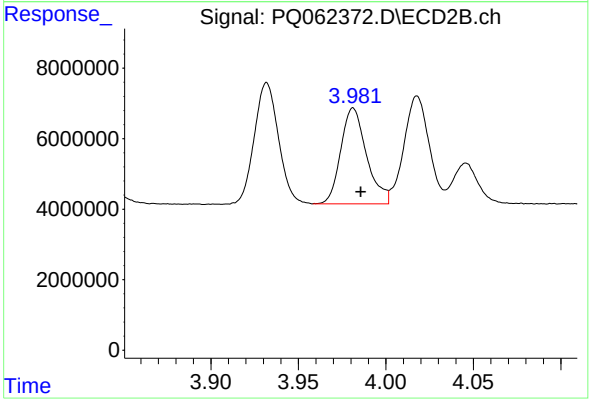
#5 AR-1016-3

R.T.: 3.932 min
Delta R.T.: -0.004 min
Response: 32169556
Conc: 426.41 ng/ml



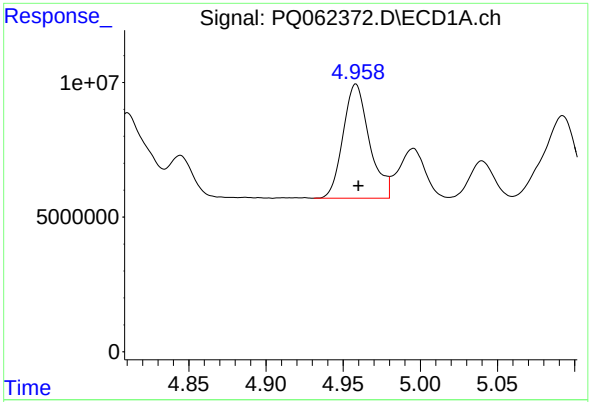
#6 AR-1016-4

R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 51817549
Conc: 413.40 ng/ml



#6 AR-1016-4

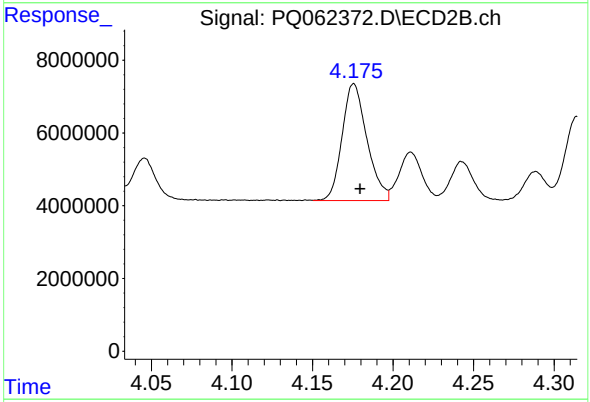
R.T.: 3.981 min
Delta R.T.: -0.004 min
Response: 27945697
Conc: 425.49 ng/ml



#7 AR-1016-5

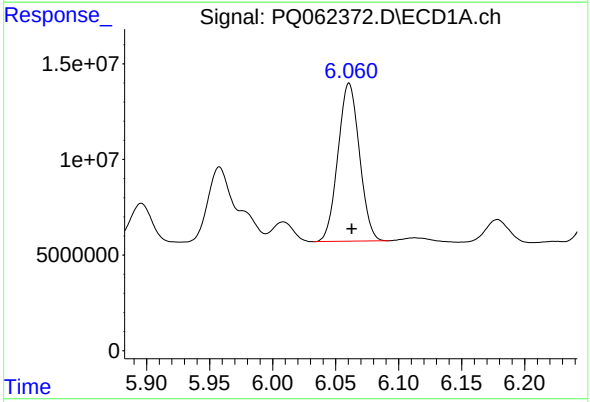
R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 50306715
Conc: 413.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB154263BSD



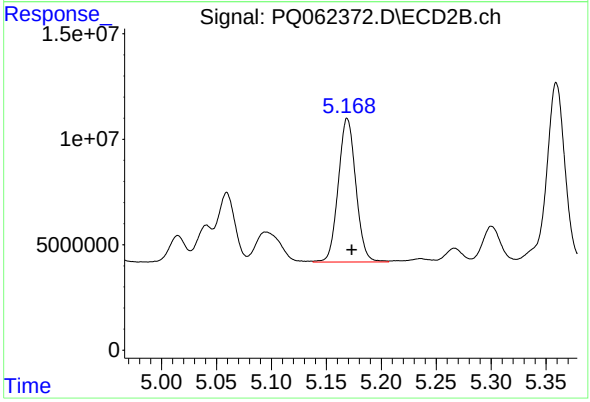
#7 AR-1016-5

R.T.: 4.176 min
Delta R.T.: -0.004 min
Response: 34501044
Conc: 420.84 ng/ml



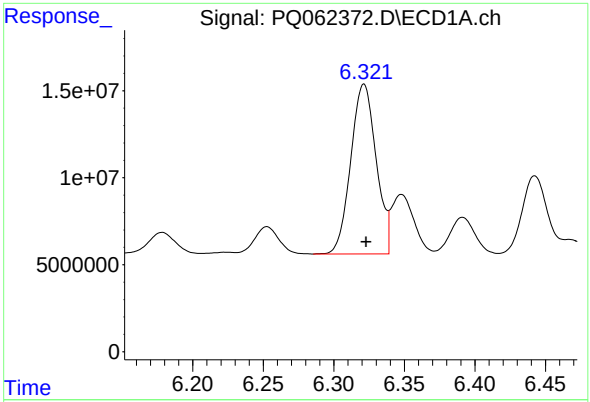
#31 AR-1260-1

R.T.: 6.061 min
Delta R.T.: -0.002 min
Response: 98036730
Conc: 415.53 ng/ml



#31 AR-1260-1

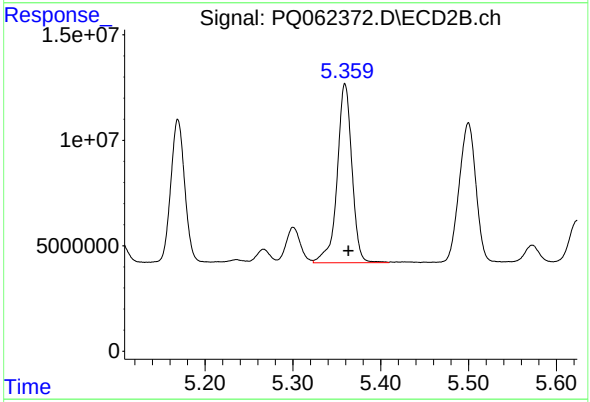
R.T.: 5.169 min
Delta R.T.: -0.004 min
Response: 75798944
Conc: 455.10 ng/ml



#32 AR-1260-2

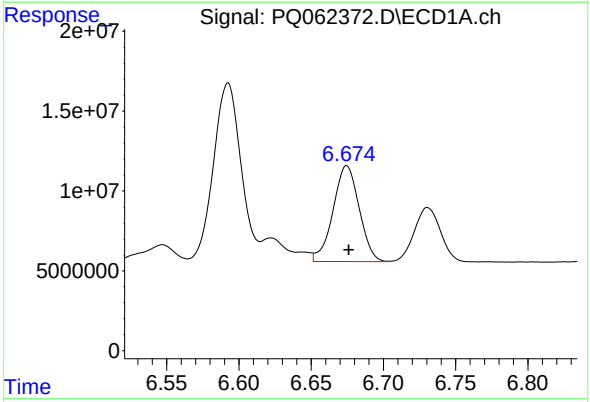
R.T.: 6.321 min
Delta R.T.: -0.001 min
Response: 122264540
Conc: 423.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB154263BSD



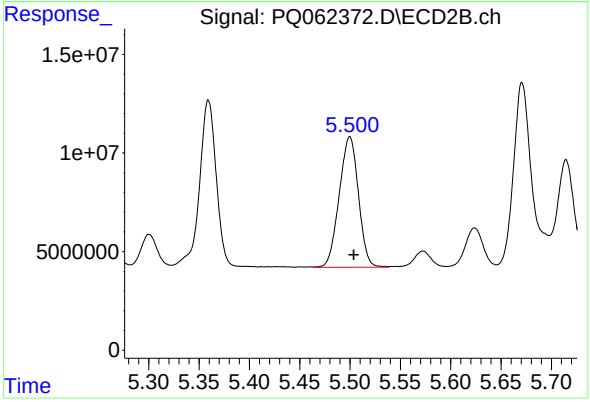
#32 AR-1260-2

R.T.: 5.359 min
Delta R.T.: -0.004 min
Response: 99060143
Conc: 476.37 ng/ml



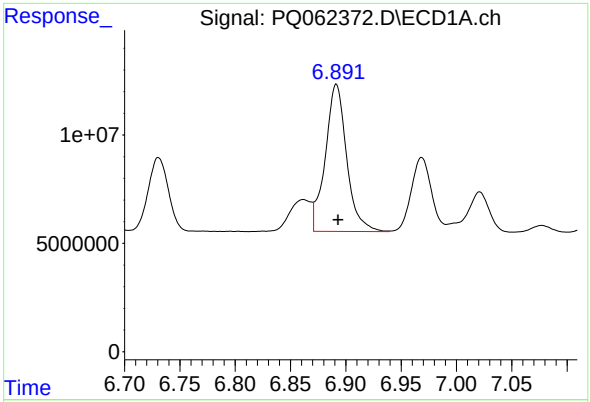
#33 AR-1260-3

R.T.: 6.675 min
Delta R.T.: -0.001 min
Response: 75769175
Conc: 429.10 ng/ml



#33 AR-1260-3

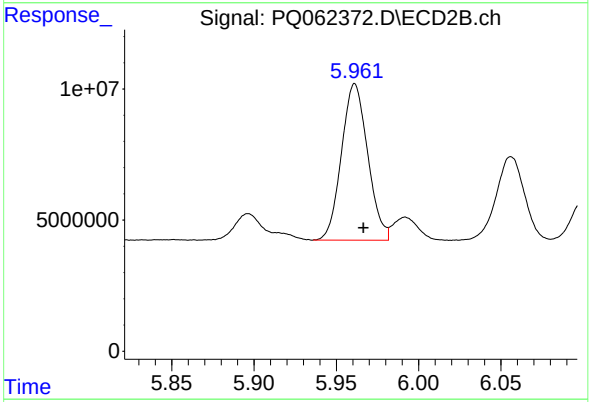
R.T.: 5.500 min
Delta R.T.: -0.004 min
Response: 87893022
Conc: 451.76 ng/ml



#34 AR-1260-4

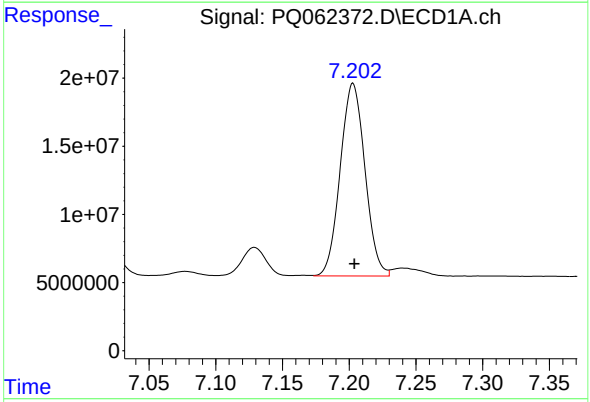
R.T.: 6.891 min
Delta R.T.: -0.002 min
Response: 91211291
Conc: 433.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB154263BSD



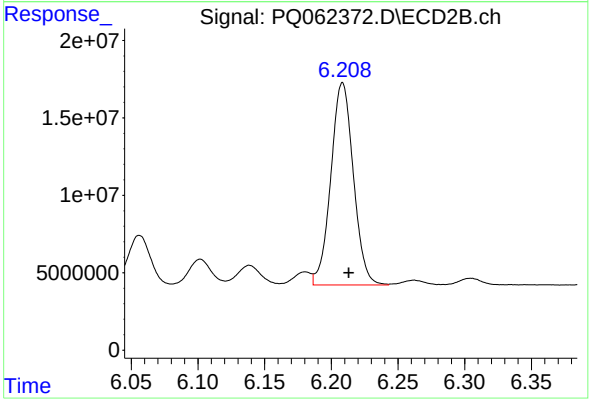
#34 AR-1260-4

R.T.: 5.961 min
Delta R.T.: -0.005 min
Response: 66244288
Conc: 454.16 ng/ml



#35 AR-1260-5

R.T.: 7.203 min
Delta R.T.: -0.001 min
Response: 182277222
Conc: 443.92 ng/ml



#35 AR-1260-5

R.T.: 6.208 min
Delta R.T.: -0.005 min
Response: 153737817
Conc: 462.98 ng/ml

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	07/12/23
Project:	Mackenna Parcels	Date Received:	07/17/23
Client Sample ID:	SB-04-(1-5)MS	SDG No.:	O3645
Lab Sample ID:	O3645-09MS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	91.3 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ062358.D	1	07/18/23 09:10	07/18/23 19:12	PB154254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	182		3.90	18.6	ug/kg
11104-28-2	Aroclor-1221	18.6	U	6.40	18.6	ug/kg
11141-16-5	Aroclor-1232	18.6	U	4.90	18.6	ug/kg
53469-21-9	Aroclor-1242	18.6	U	3.40	18.6	ug/kg
12672-29-6	Aroclor-1248	18.6	U	3.10	18.6	ug/kg
11097-69-1	Aroclor-1254	18.6	U	4.10	18.6	ug/kg
37324-23-5	Aroclor-1262	18.6	U	3.00	18.6	ug/kg
11100-14-4	Aroclor-1268	18.6	U	3.60	18.6	ug/kg
11096-82-5	Aroclor-1260	183		3.70	18.6	ug/kg
Total PCBs	Total PCBs	365		7.60	18.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.3		40 - 162	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.7		32 - 176	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\PQ071823\
Data File : PQ062358.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 19:12
Operator : YP\AJ
Sample : 03645-09MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
SB-04-(1-5)MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 02:54:05 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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...	3.402	2.755	91187317	50958305	18.693	20.309
2)	SA Decachlor...	8.584	7.525	67878661	65578737	18.685	19.680
	Target Compounds						
3)	L1 AR-1016-1	4.503	3.757	66352597	53144252	402.826	536.944 #
4)	L1 AR-1016-2	4.522	3.772	119.7E6	73311467	484.028	508.405
5)	L1 AR-1016-3	4.579	3.933	83593032	36177406	548.490	479.535
6)	L1 AR-1016-4	4.671	3.982	65487156	30614434	522.454	466.121
7)	L1 AR-1016-5	4.958	4.177	56379848	41939262	463.205	511.569
31)	L7 AR-1260-1	6.061	5.170	104.6E6	92650523	443.426	556.282m#
32)	L7 AR-1260-2	6.321	5.360	132.8E6	104.8E6	459.642	503.971m
33)	L7 AR-1260-3	6.675	5.501	84109588	93659276	476.335	481.393m
34)	L7 AR-1260-4	6.892	5.963	93878720	71650972	445.663	491.226
35)	L7 AR-1260-5	7.204	6.209	199.1E6	160.6E6	484.784	483.760

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071823\
Data File : PQ062358.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 19:12
Operator : YP\AJ
Sample : 03645-09MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

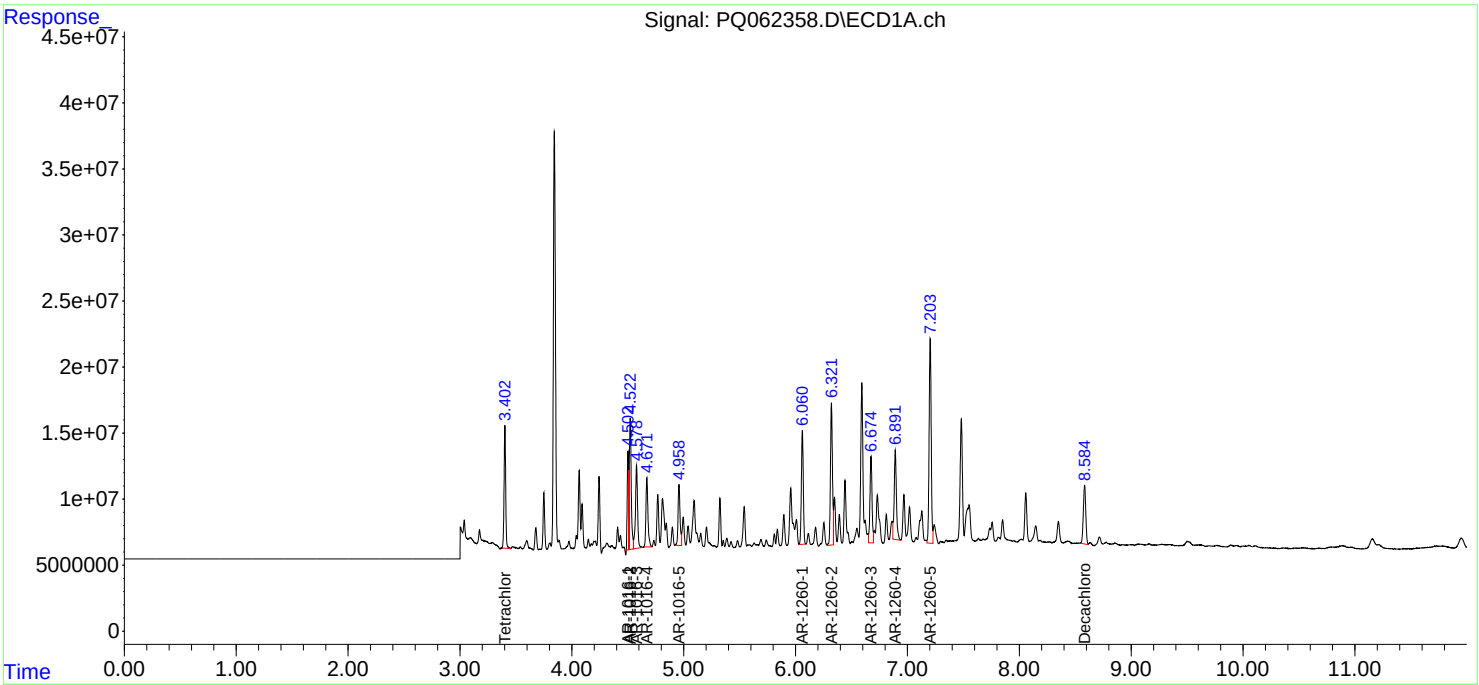
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 02:54:05 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
Response via : Initial Calibration
Integrator: ChemStation

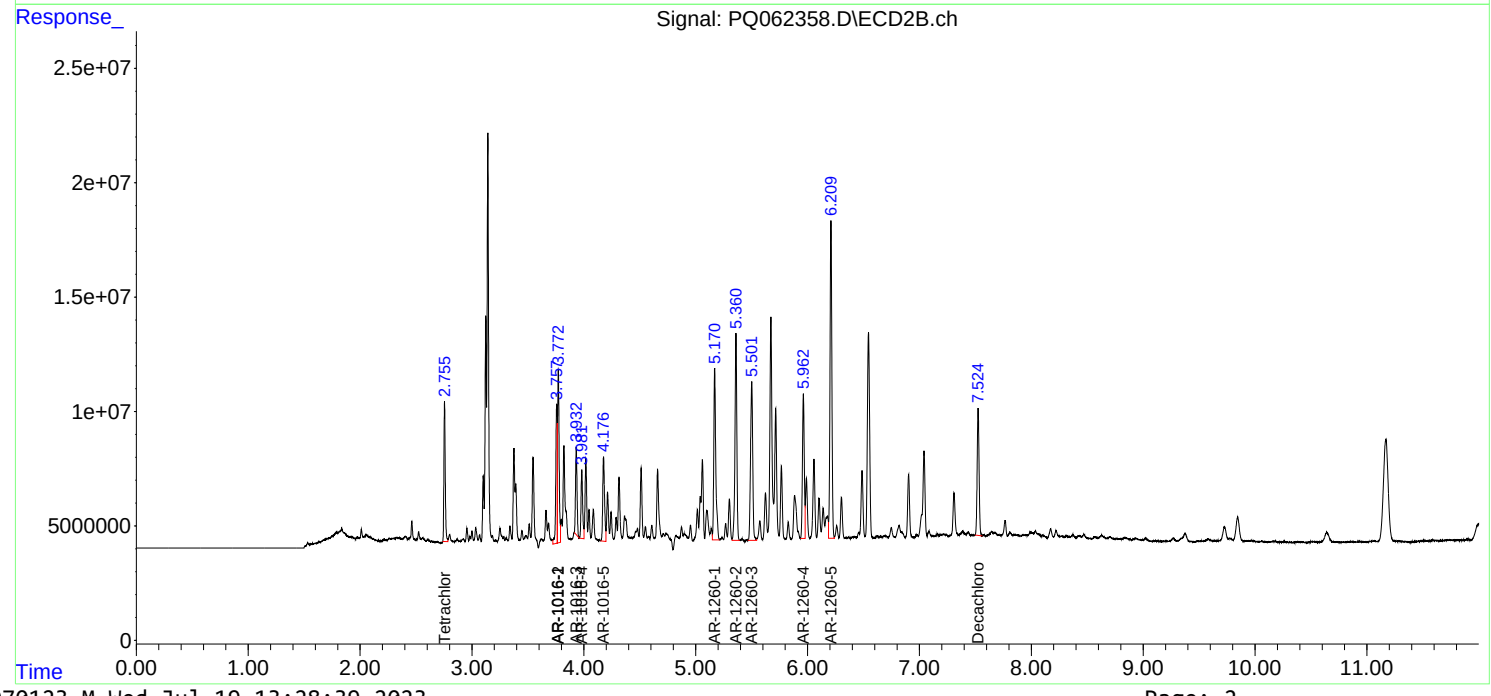
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

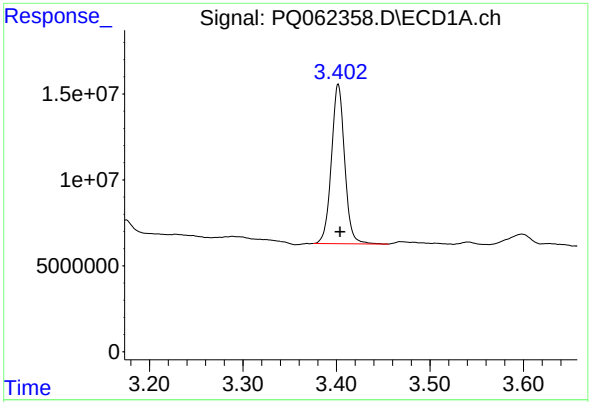
Instrument :
ECD_Q
ClientSampleId :
SB-04-(1-5)MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023







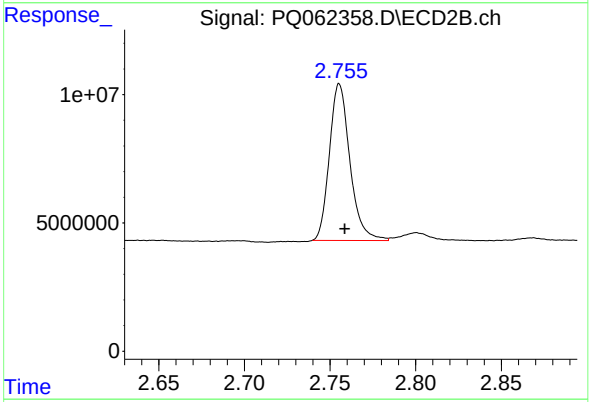
#1 Tetrachloro-m-xylene

R.T.: 3.402 min
Delta R.T.: -0.002 min
Response: 91187317
Conc: 18.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-04-(1-5)MS

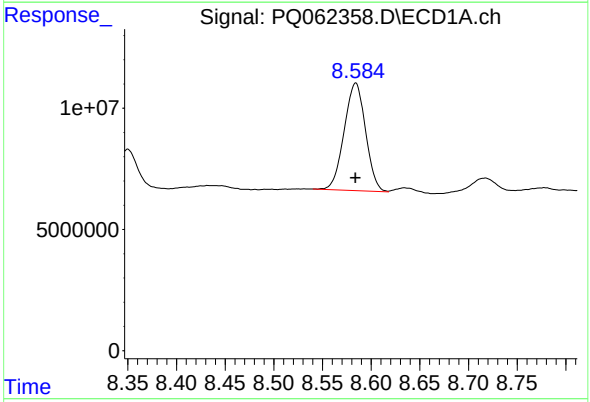
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023



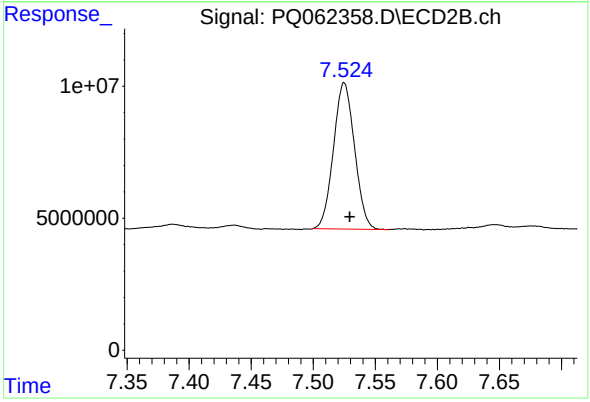
#1 Tetrachloro-m-xylene

R.T.: 2.755 min
Delta R.T.: -0.003 min
Response: 50958305
Conc: 20.31 ng/ml



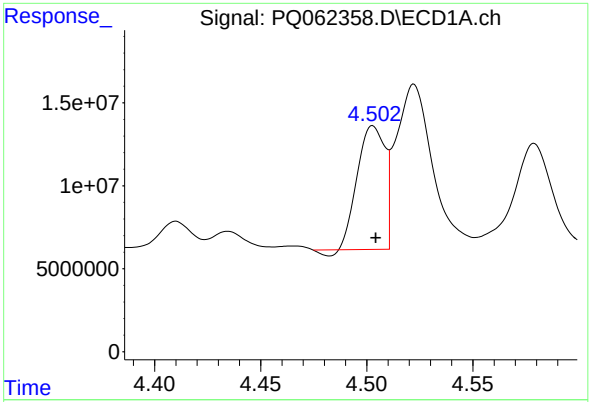
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 67878661
Conc: 18.69 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.525 min
Delta R.T.: -0.004 min
Response: 65578737
Conc: 19.68 ng/ml



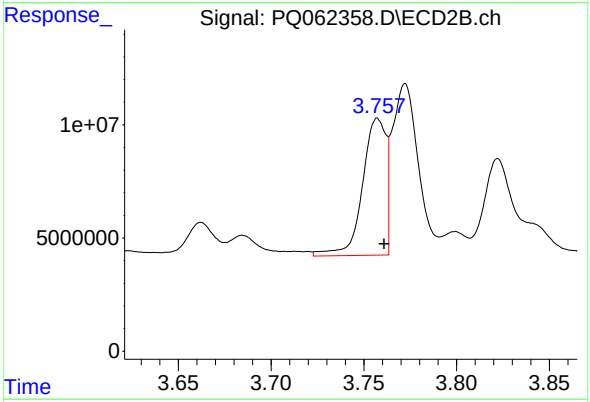
#3 AR-1016-1

R.T.: 4.503 min
Delta R.T.: -0.001 min
Response: 66352597
Conc: 402.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-04-(1-5)MS

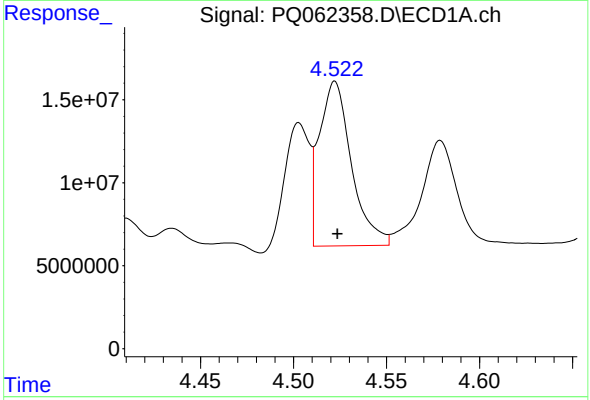
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023



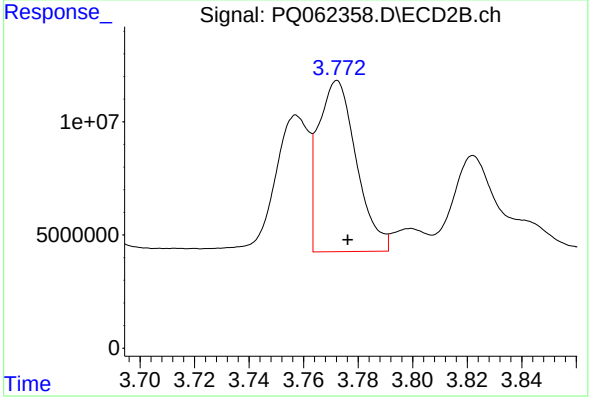
#3 AR-1016-1

R.T.: 3.757 min
Delta R.T.: -0.004 min
Response: 53144252
Conc: 536.94 ng/ml



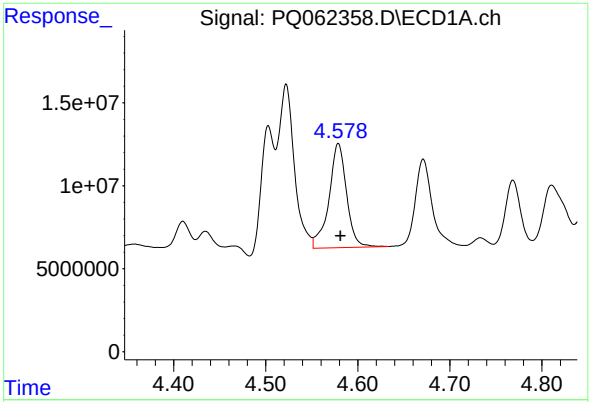
#4 AR-1016-2

R.T.: 4.522 min
Delta R.T.: -0.001 min
Response: 119684887
Conc: 484.03 ng/ml



#4 AR-1016-2

R.T.: 3.772 min
Delta R.T.: -0.004 min
Response: 73311467
Conc: 508.40 ng/ml



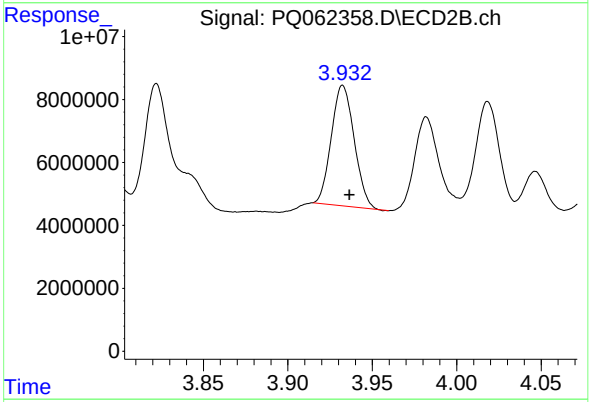
#5 AR-1016-3

R.T.: 4.579 min
Delta R.T.: -0.002 min
Response: 83593032
Conc: 548.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-04-(1-5)MS

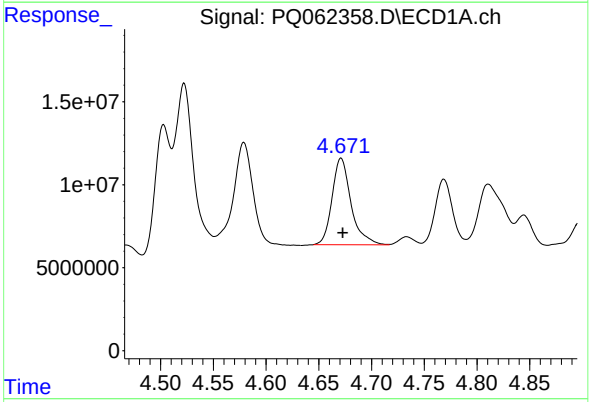
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023



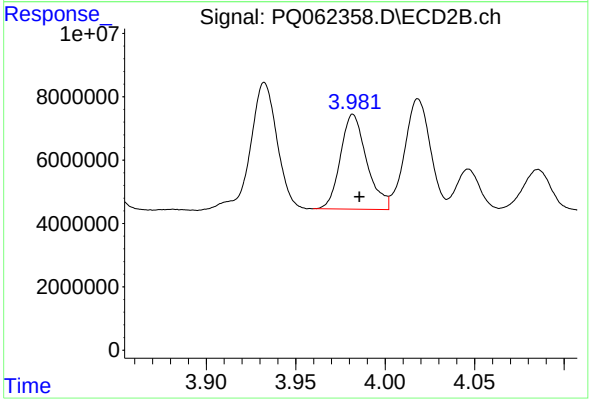
#5 AR-1016-3

R.T.: 3.933 min
Delta R.T.: -0.004 min
Response: 36177406
Conc: 479.53 ng/ml



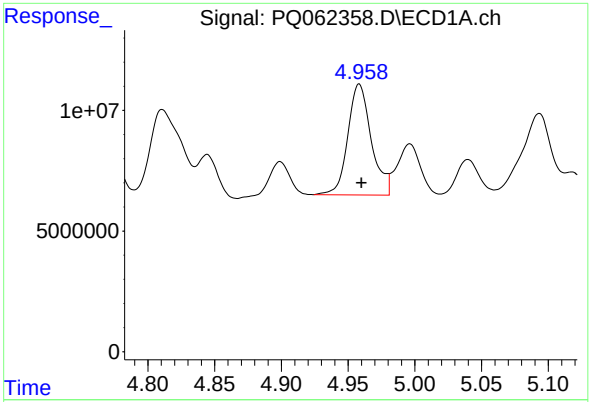
#6 AR-1016-4

R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 65487156
Conc: 522.45 ng/ml



#6 AR-1016-4

R.T.: 3.982 min
Delta R.T.: -0.004 min
Response: 30614434
Conc: 466.12 ng/ml



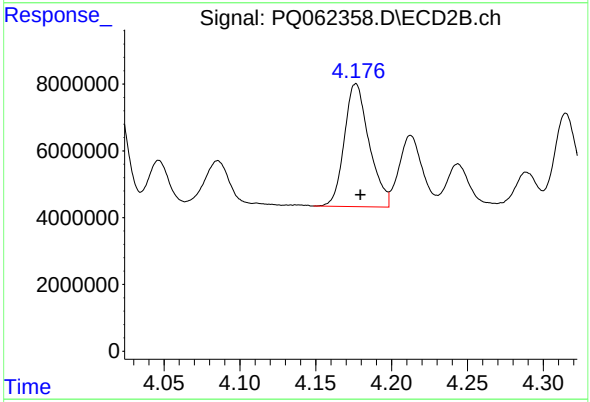
#7 AR-1016-5

R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 56379848
Conc: 463.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-04-(1-5)MS

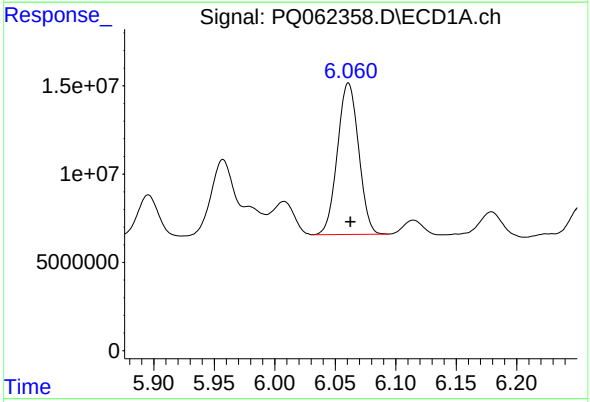
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023



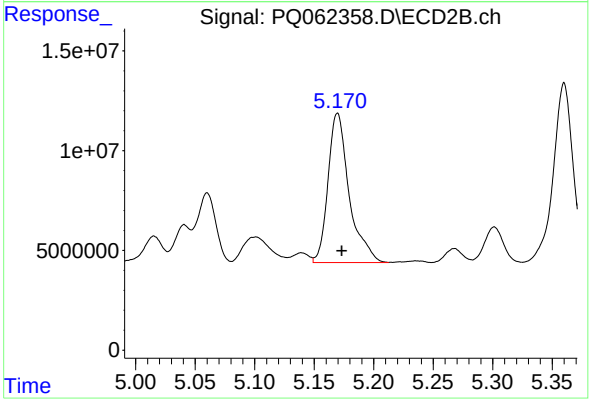
#7 AR-1016-5

R.T.: 4.177 min
Delta R.T.: -0.003 min
Response: 41939262
Conc: 511.57 ng/ml



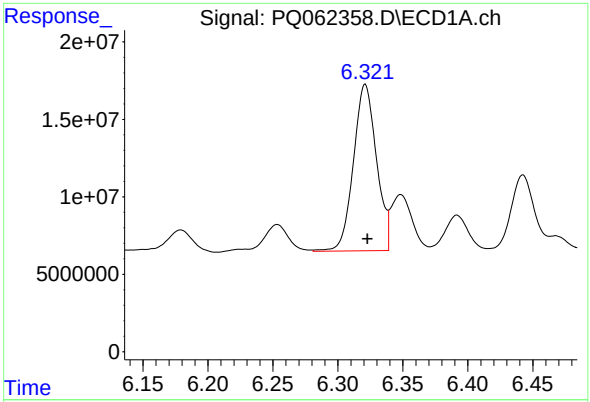
#31 AR-1260-1

R.T.: 6.061 min
Delta R.T.: -0.002 min
Response: 104618129
Conc: 443.43 ng/ml



#31 AR-1260-1

R.T.: 5.170 min
Delta R.T.: -0.004 min
Response: 92650523
Conc: 556.28 ng/ml m



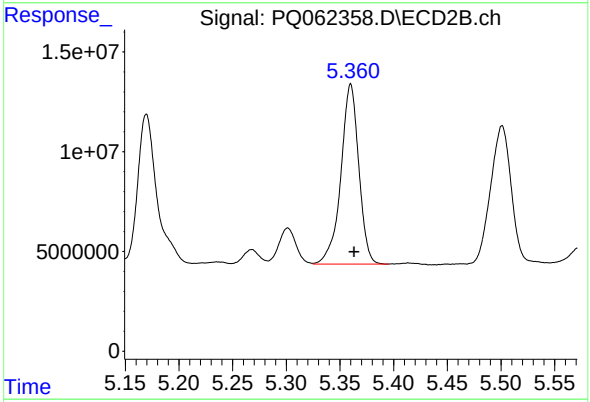
#32 AR-1260-2

R.T.: 6.321 min
Delta R.T.: -0.002 min
Response: 132750347
Conc: 459.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-04-(1-5)MS

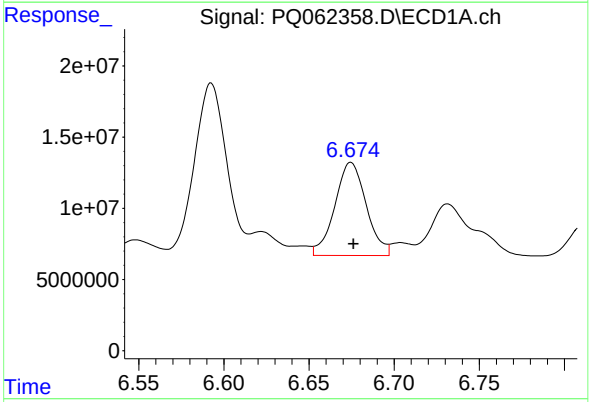
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023



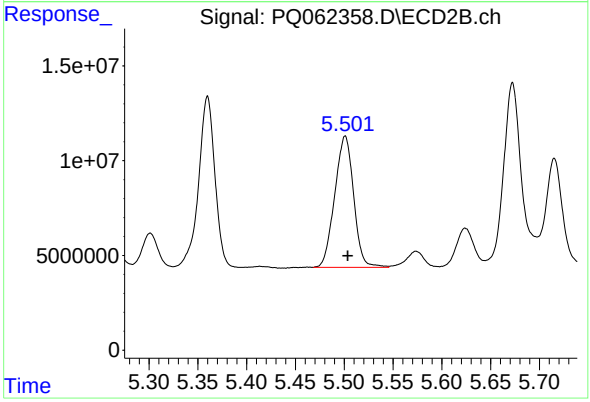
#32 AR-1260-2

R.T.: 5.360 min
Delta R.T.: -0.004 min
Response: 104798784
Conc: 503.97 ng/ml m



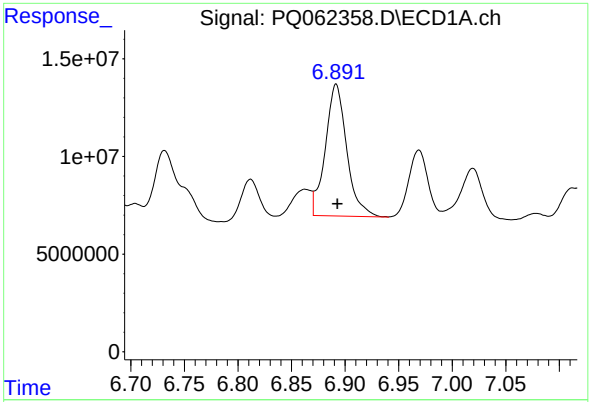
#33 AR-1260-3

R.T.: 6.675 min
Delta R.T.: -0.002 min
Response: 84109588
Conc: 476.34 ng/ml



#33 AR-1260-3

R.T.: 5.501 min
Delta R.T.: -0.003 min
Response: 93659276
Conc: 481.39 ng/ml m



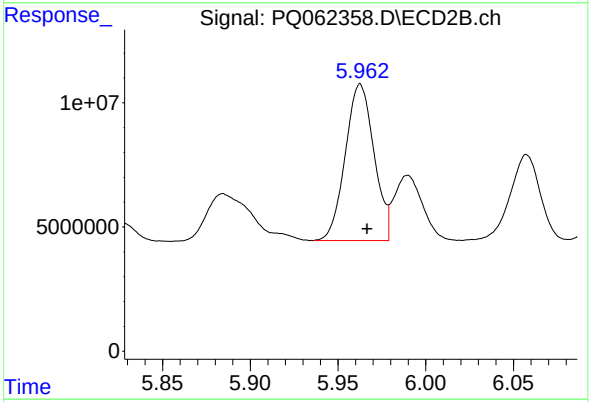
#34 AR-1260-4

R.T.: 6.892 min
Delta R.T.: -0.001 min
Response: 93878720
Conc: 445.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-04-(1-5)MS

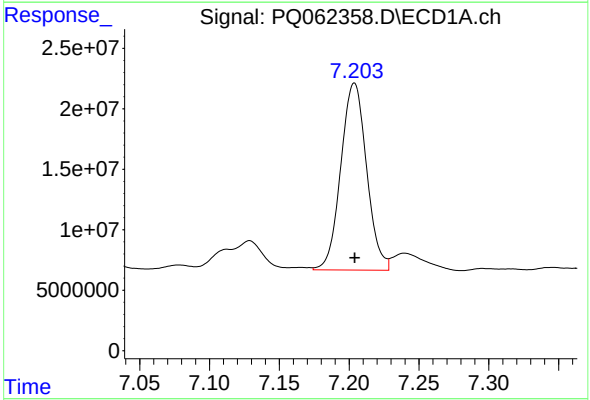
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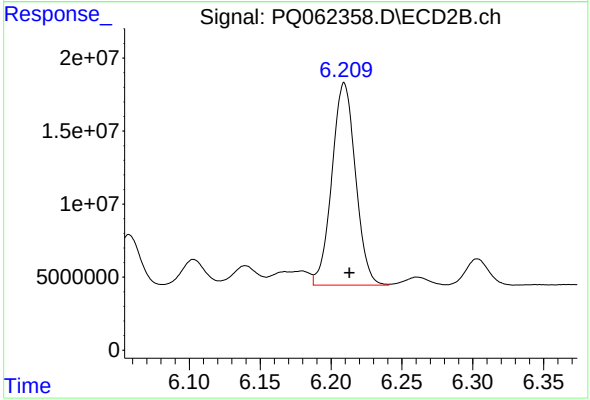
#34 AR-1260-4

R.T.: 5.963 min
Delta R.T.: -0.004 min
Response: 71650972
Conc: 491.23 ng/ml



#35 AR-1260-5

R.T.: 7.204 min
Delta R.T.: 0.000 min
Response: 199056828
Conc: 484.78 ng/ml



#35 AR-1260-5

R.T.: 6.209 min
Delta R.T.: -0.004 min
Response: 160636846
Conc: 483.76 ng/ml

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	07/12/23
Project:	Mackenna Parcels	Date Received:	07/17/23
Client Sample ID:	SB-04-(1-5)MSD	SDG No.:	O3645
Lab Sample ID:	O3645-10MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	91.3 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ062359.D	1	07/18/23 09:10	07/18/23 19:26	PB154254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	184		3.90	18.6	ug/kg
11104-28-2	Aroclor-1221	18.6	U	6.40	18.6	ug/kg
11141-16-5	Aroclor-1232	18.6	U	4.90	18.6	ug/kg
53469-21-9	Aroclor-1242	18.6	U	3.40	18.6	ug/kg
12672-29-6	Aroclor-1248	18.6	U	3.10	18.6	ug/kg
11097-69-1	Aroclor-1254	18.6	U	4.10	18.6	ug/kg
37324-23-5	Aroclor-1262	18.6	U	3.00	18.6	ug/kg
11100-14-4	Aroclor-1268	18.6	U	3.60	18.6	ug/kg
11096-82-5	Aroclor-1260	187		3.60	18.6	ug/kg
Total PCBs	Total PCBs	371		7.50	18.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.3		40 - 162	101%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.7		32 - 176	99%	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\PQ071823\
Data File : PQ062359.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 19:26
Operator : YP\AJ
Sample : 03645-10MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
SB-04-(1-5)MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2023
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 02:54:37 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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...	3.402	2.755	92121382	50856325	18.884	20.269
2)	SA Decachlor...	8.582	7.524	68894795	65710004	18.965	19.720
	Target Compounds						
3)	L1 AR-1016-1	4.503	3.757	64317728	53261047	390.472	538.124 #
4)	L1 AR-1016-2	4.522	3.772	120.5E6	73113892	487.265	507.035
5)	L1 AR-1016-3	4.579	3.932	84476333	36355841	554.286	481.900
6)	L1 AR-1016-4	4.671	3.982	65221235	30856306	520.333	469.804
7)	L1 AR-1016-5	4.958	4.176	55746817	43039240	458.004	524.986
31)	L7 AR-1260-1	6.061	5.170	106.5E6	94595138	451.227	567.957m#
32)	L7 AR-1260-2	6.321	5.359	134.7E6	107.6E6	466.394	517.366m
33)	L7 AR-1260-3	6.675	5.500	83359363	95009484	472.087	488.333m
34)	L7 AR-1260-4	6.891	5.962	95589247	73432456	453.783	503.439
35)	L7 AR-1260-5	7.203	6.209	201.6E6	162.7E6	491.026	490.069

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071823\
Data File : PQ062359.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2023 19:26
Operator : YP\AJ
Sample : 03645-10MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

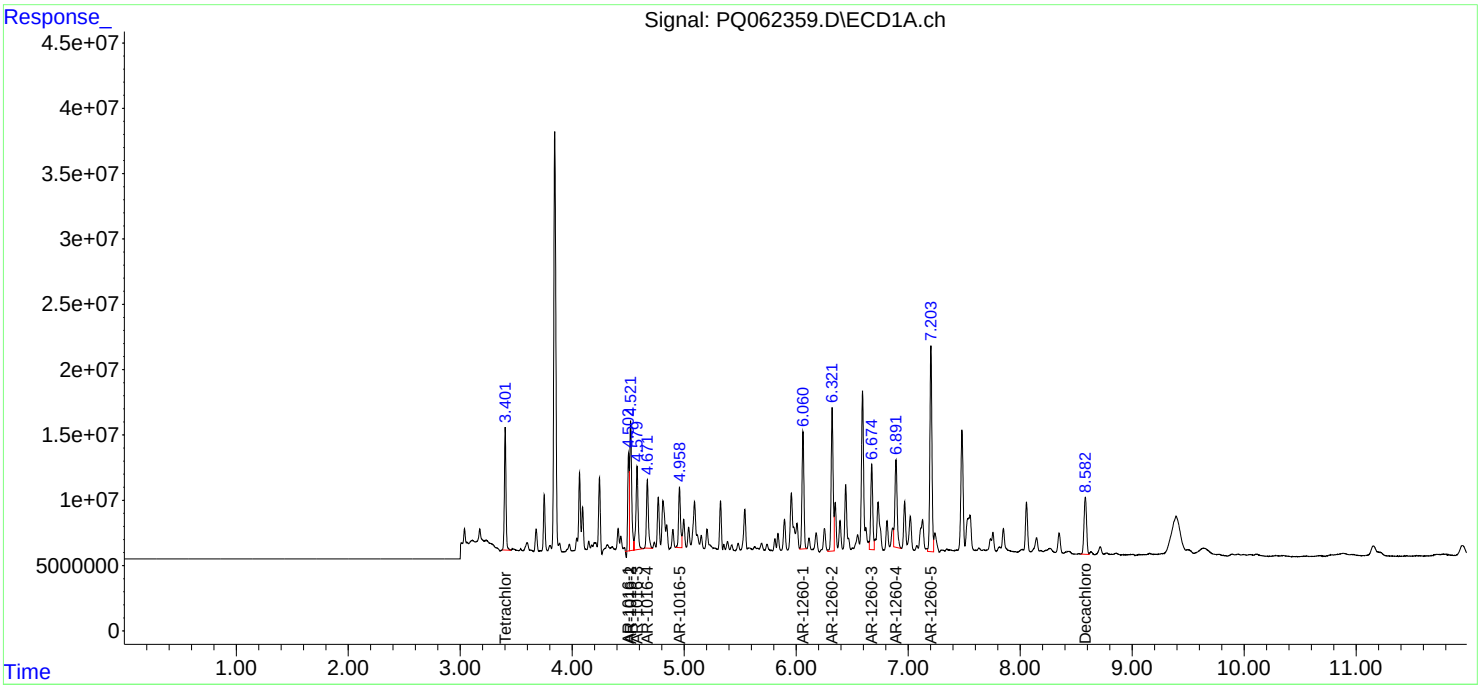
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 02:54:37 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
Response via : Initial Calibration
Integrator: ChemStation

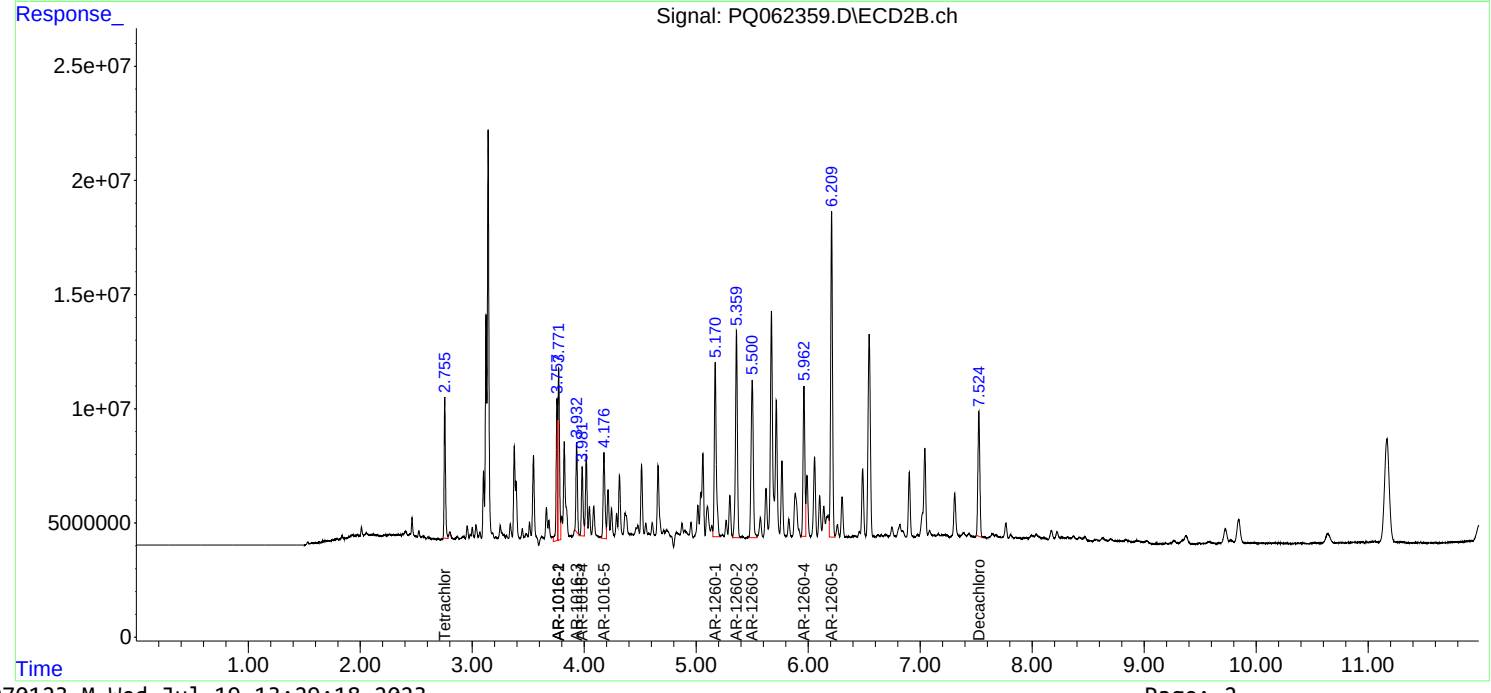
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

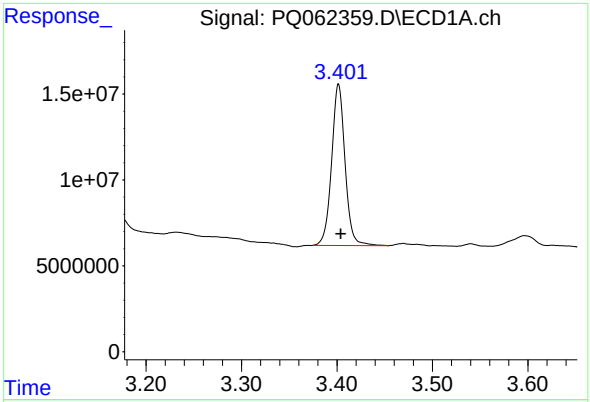
Instrument :
ECD_Q
ClientSampleId :
SB-04-(1-5)MSD

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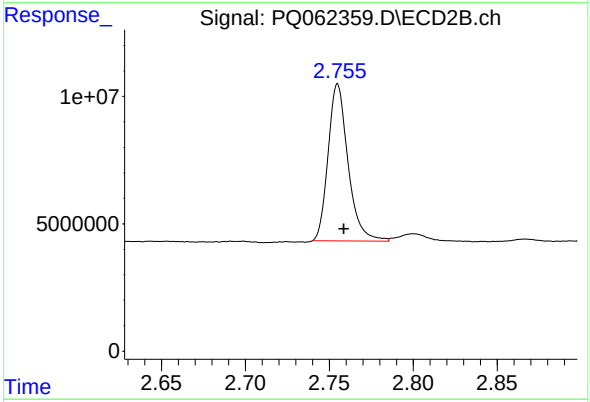
#1 Tetrachloro-m-xylene

R.T.: 3.402 min
Delta R.T.: -0.002 min
Response: 92121382
Conc: 18.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-04-(1-5)MSD

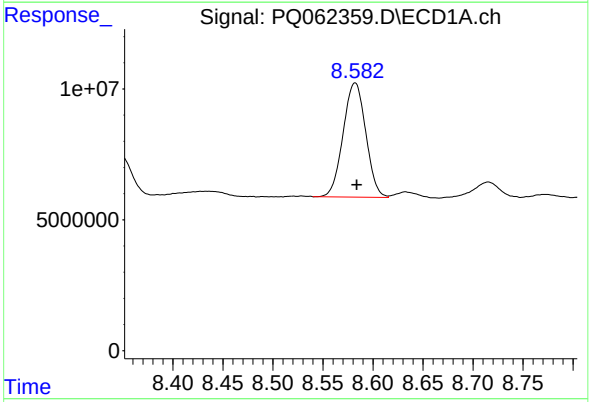
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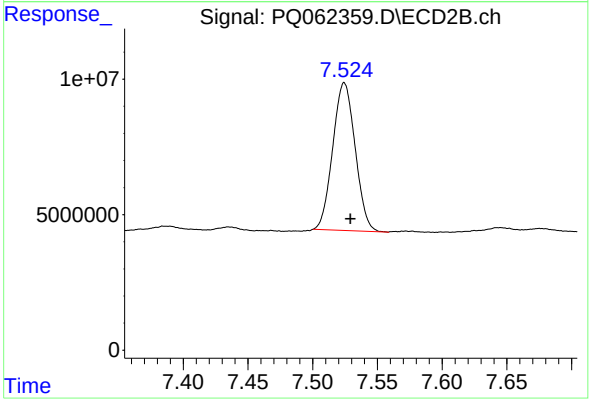
#1 Tetrachloro-m-xylene

R.T.: 2.755 min
Delta R.T.: -0.004 min
Response: 50856325
Conc: 20.27 ng/ml



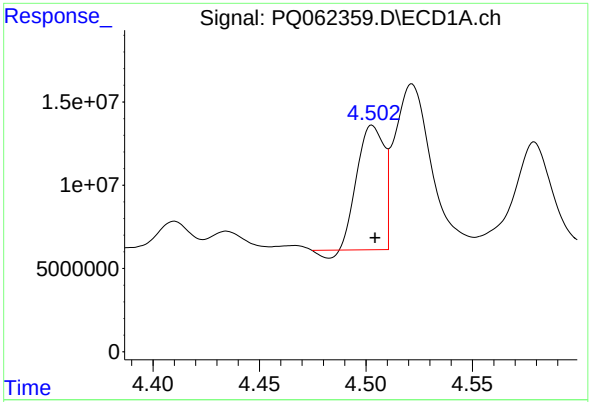
#2 Decachlorobiphenyl

R.T.: 8.582 min
Delta R.T.: -0.002 min
Response: 68894795
Conc: 18.96 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.524 min
Delta R.T.: -0.005 min
Response: 65710004
Conc: 19.72 ng/ml



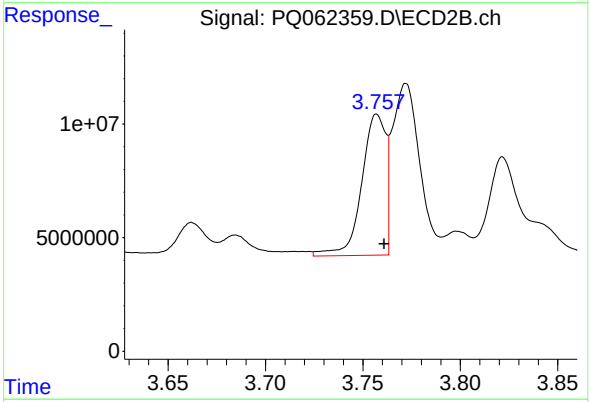
#3 AR-1016-1

R.T.: 4.503 min
Delta R.T.: -0.001 min
Response: 64317728
Conc: 390.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-04-(1-5)MSD

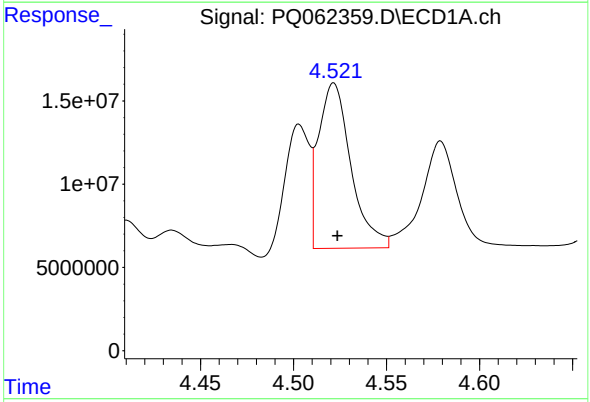
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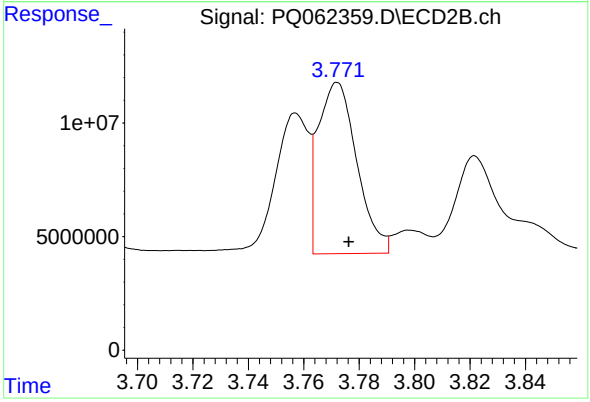
#3 AR-1016-1

R.T.: 3.757 min
Delta R.T.: -0.004 min
Response: 53261047
Conc: 538.12 ng/ml



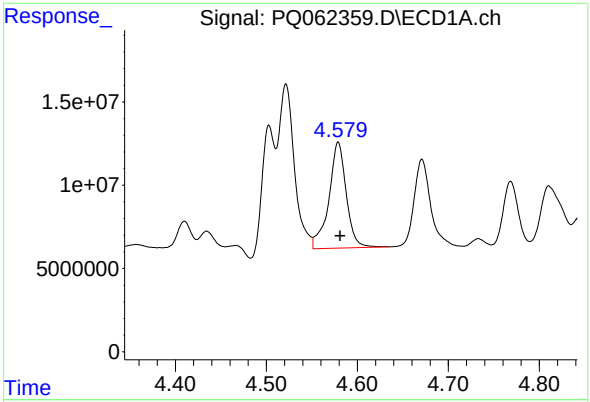
#4 AR-1016-2

R.T.: 4.522 min
Delta R.T.: -0.002 min
Response: 120485273
Conc: 487.27 ng/ml



#4 AR-1016-2

R.T.: 3.772 min
Delta R.T.: -0.004 min
Response: 73113892
Conc: 507.03 ng/ml



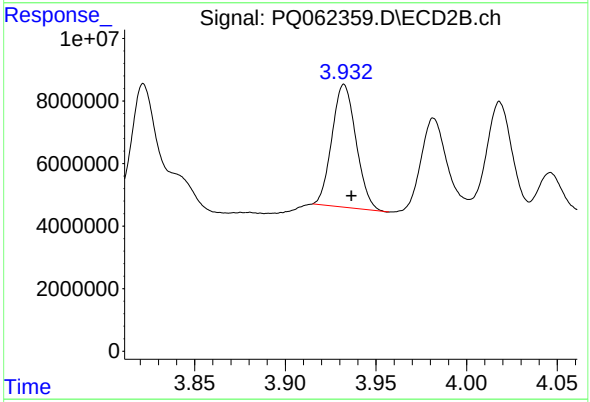
#5 AR-1016-3

R.T.: 4.579 min
Delta R.T.: -0.002 min
Response: 84476333
Conc: 554.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-04-(1-5)MSD

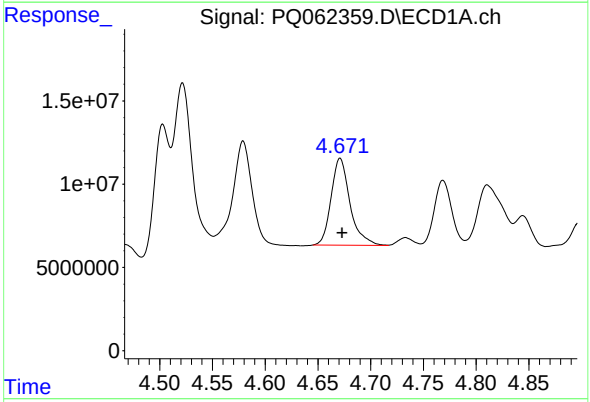
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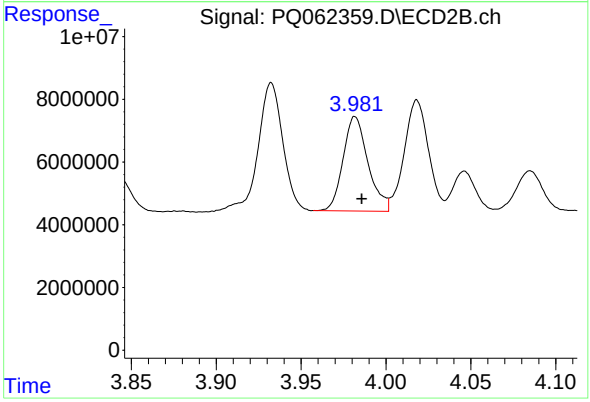
#5 AR-1016-3

R.T.: 3.932 min
Delta R.T.: -0.004 min
Response: 36355841
Conc: 481.90 ng/ml



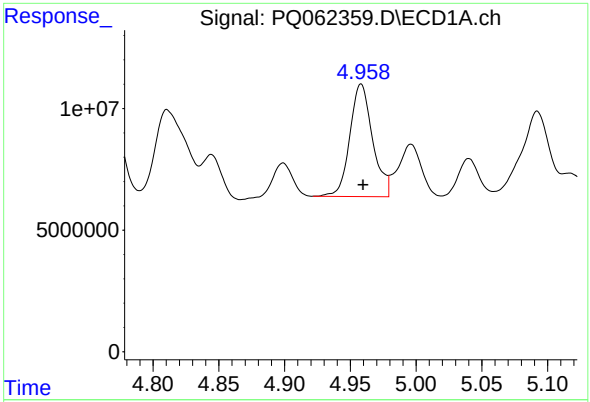
#6 AR-1016-4

R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 65221235
Conc: 520.33 ng/ml



#6 AR-1016-4

R.T.: 3.982 min
Delta R.T.: -0.004 min
Response: 30856306
Conc: 469.80 ng/ml



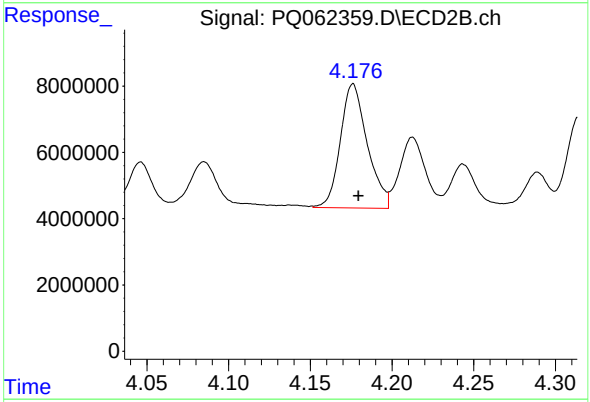
#7 AR-1016-5

R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 55746817
Conc: 458.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-04-(1-5)MSD

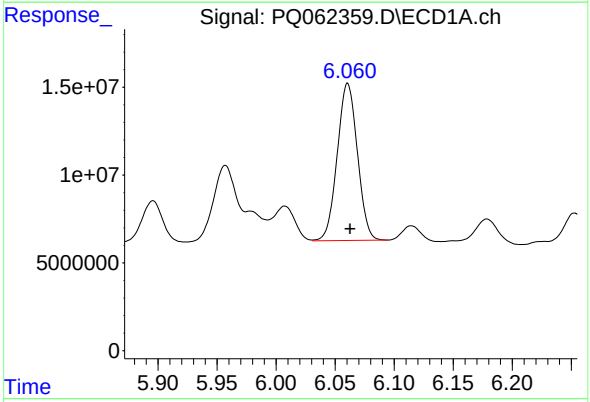
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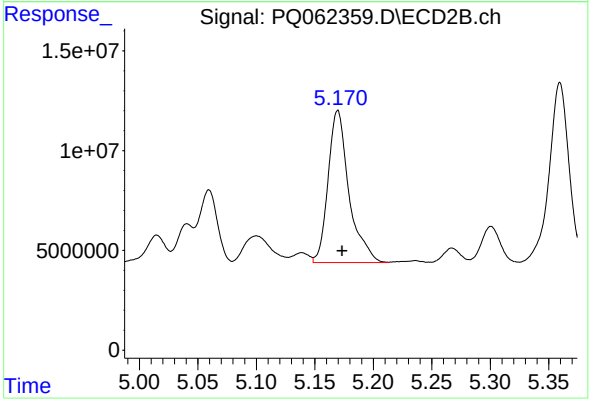
#7 AR-1016-5

R.T.: 4.176 min
Delta R.T.: -0.003 min
Response: 43039240
Conc: 524.99 ng/ml



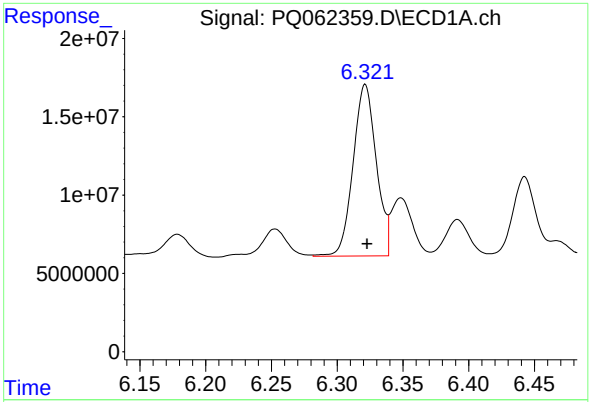
#31 AR-1260-1

R.T.: 6.061 min
Delta R.T.: -0.002 min
Response: 106458687
Conc: 451.23 ng/ml



#31 AR-1260-1

R.T.: 5.170 min
Delta R.T.: -0.003 min
Response: 94595138
Conc: 567.96 ng/ml m



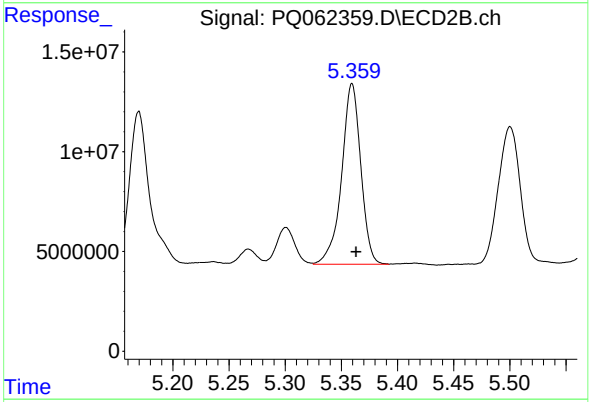
#32 AR-1260-2

R.T.: 6.321 min
Delta R.T.: -0.002 min
Response: 134700483
Conc: 466.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-04-(1-5)MSD

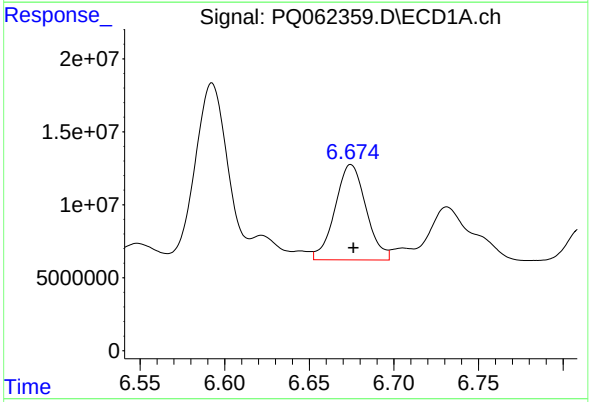
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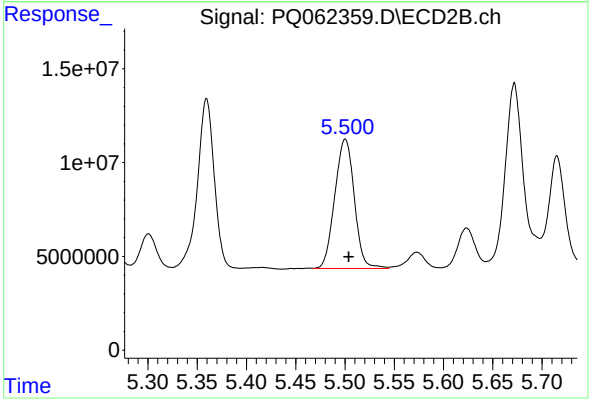
#32 AR-1260-2

R.T.: 5.359 min
Delta R.T.: -0.004 min
Response: 107584195
Conc: 517.37 ng/ml m



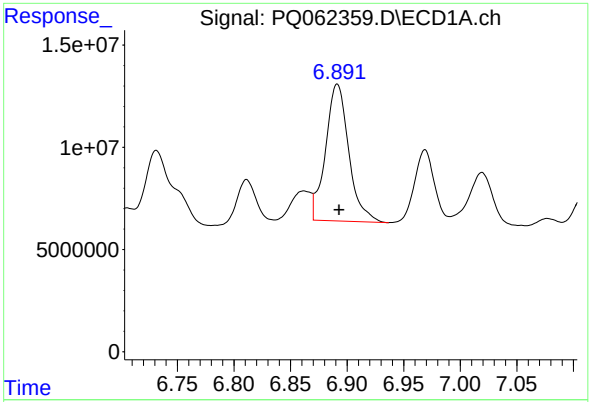
#33 AR-1260-3

R.T.: 6.675 min
Delta R.T.: -0.001 min
Response: 83359363
Conc: 472.09 ng/ml



#33 AR-1260-3

R.T.: 5.500 min
Delta R.T.: -0.004 min
Response: 95009484
Conc: 488.33 ng/ml m



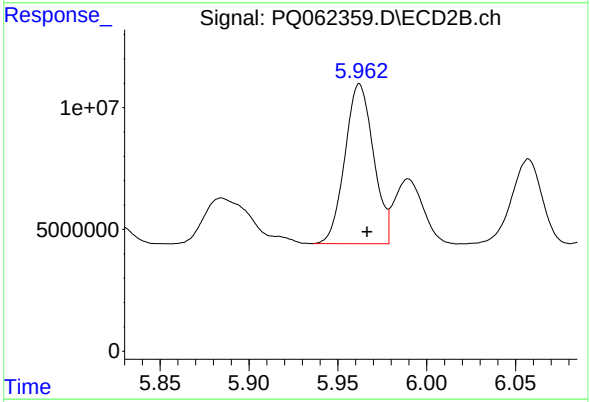
#34 AR-1260-4

R.T.: 6.891 min
Delta R.T.: -0.002 min
Response: 95589247
Conc: 453.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-04-(1-5)MSD

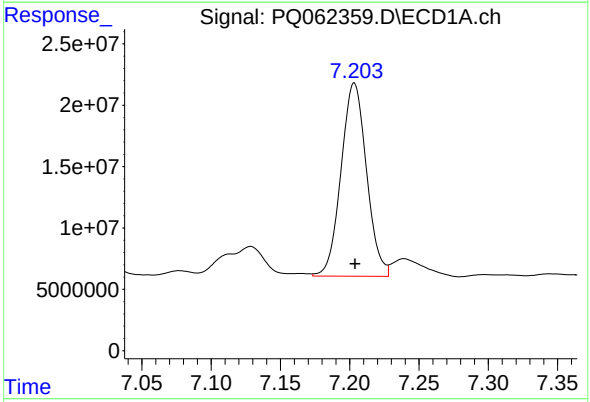
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Ankita Jodhani 07/19/2023



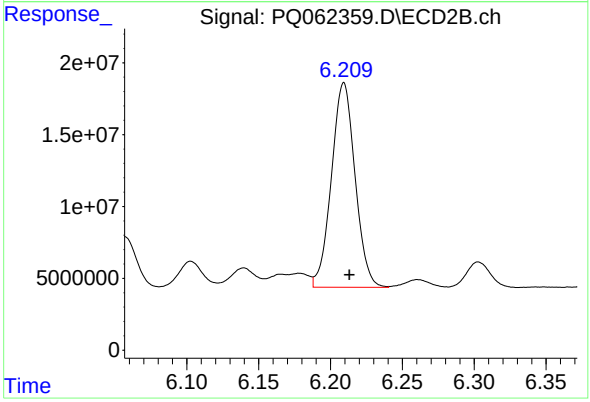
#34 AR-1260-4

R.T.: 5.962 min
Delta R.T.: -0.004 min
Response: 73432456
Conc: 503.44 ng/ml



#35 AR-1260-5

R.T.: 7.203 min
Delta R.T.: 0.000 min
Response: 201619550
Conc: 491.03 ng/ml



#35 AR-1260-5

R.T.: 6.209 min
Delta R.T.: -0.004 min
Response: 162731757
Conc: 490.07 ng/ml

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Manual Integration Report

Sequence:	pq070123	Instrument	ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PQ061839.D	AR-1260-2 #2	yogesh	7/3/2023 8:19:25 AM	Ankita	7/5/2023 9:18:43	Peak Integrated by Software
AR1248ICC750	PQ061848.D	AR-1248-4	yogesh	7/5/2023 9:35:21 AM	Ankita	7/5/2023 9:37:49	Peak Integrated by Software
AR1248ICC750	PQ061848.D	AR-1248-5	yogesh	7/5/2023 9:35:21 AM	Ankita	7/5/2023 9:37:49	Peak Integrated by Software

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Manual Integration Report

Sequence:	PQ071823	Instrument	ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	PQ062334.D	Decachlorobiphenyl #2	yogesh	7/19/2023 8:44:19 AM	Ankita	7/19/2023 9:38:14	Peak Integrated by Software
O3645-04	PQ062354.D	Tetrachloro-m-xylene #2	yogesh	7/19/2023 8:44:29 AM	Ankita	7/19/2023 9:38:24	Peak Integrated by Software
O3645-06	PQ062356.D	Decachlorobiphenyl	yogesh	7/19/2023 8:44:31 AM	Ankita	7/19/2023 9:38:25	Peak Integrated by Software
O3645-06	PQ062356.D	Decachlorobiphenyl #2	yogesh	7/19/2023 8:44:31 AM	Ankita	7/19/2023 9:38:25	Peak Integrated by Software
O3645-06	PQ062356.D	Tetrachloro-m-xylene	yogesh	7/19/2023 8:44:31 AM	Ankita	7/19/2023 9:38:25	Peak Integrated by Software
O3645-09MS	PQ062358.D	AR-1260-1 #2	yogesh	7/19/2023 8:44:34 AM	Ankita	7/19/2023 9:38:27	Peak Integrated by Software
O3645-09MS	PQ062358.D	AR-1260-2 #2	yogesh	7/19/2023 8:44:34 AM	Ankita	7/19/2023 9:38:27	Peak Integrated by Software
O3645-09MS	PQ062358.D	AR-1260-3 #2	yogesh	7/19/2023 8:44:34 AM	Ankita	7/19/2023 9:38:27	Peak Integrated by Software
O3645-10MSD	PQ062359.D	AR-1260-1 #2	yogesh	7/19/2023 8:44:36 AM	Ankita	7/19/2023 9:38:28	Peak Integrated by Software
O3645-10MSD	PQ062359.D	AR-1260-2 #2	yogesh	7/19/2023 8:44:36 AM	Ankita	7/19/2023 9:38:28	Peak Integrated by Software
O3645-10MSD	PQ062359.D	AR-1260-3 #2	yogesh	7/19/2023 8:44:36 AM	Ankita	7/19/2023 9:38:28	Peak Integrated by Software
AR1254CCC500	PQ062367.D	Decachlorobiphenyl #2	yogesh	7/19/2023 8:45:59 AM	Ankita	7/19/2023 9:38:42	Peak Integrated by Software
AR1254CCC500	PQ062367.D	Tetrachloro-m-xylene #2	yogesh	7/19/2023 8:45:59 AM	Ankita	7/19/2023 9:38:42	Peak Integrated by Software

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Manual Integration Report

Sequence:	PQ071823	Instrument	ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	PQ062368.D	Decachlorobiphenyl #2	yogesh	7/19/2023 8:46:01 AM	Ankita	7/19/2023 9:38:44	Peak Integrated by Software
I.BLK	PQ062368.D	Tetrachloro-m-xylene #2	yogesh	7/19/2023 8:46:01 AM	Ankita	7/19/2023 9:38:44	Peak Integrated by Software
PB154263BL	PQ062370.D	Decachlorobiphenyl #2	yogesh	7/19/2023 8:46:04 AM	Ankita	7/19/2023 9:38:47	Peak Integrated by Software
PB154263BL	PQ062370.D	Tetrachloro-m-xylene #2	yogesh	7/19/2023 8:46:04 AM	Ankita	7/19/2023 9:38:47	Peak Integrated by Software
O3645-08	PQ062374.D	Decachlorobiphenyl #2	yogesh	7/19/2023 8:46:08 AM	Ankita	7/19/2023 9:38:51	Peak Integrated by Software
O3645-08	PQ062374.D	Tetrachloro-m-xylene #2	yogesh	7/19/2023 8:46:08 AM	Ankita	7/19/2023 9:38:51	Peak Integrated by Software
AR1660CCC500	PQ062375.D	Decachlorobiphenyl #2	yogesh	7/19/2023 8:46:09 AM	Ankita	7/19/2023 9:38:52	Peak Integrated by Software
AR1660CCC500	PQ062375.D	Tetrachloro-m-xylene #2	yogesh	7/19/2023 8:46:09 AM	Ankita	7/19/2023 9:38:52	Peak Integrated by Software
AR1254CCC500	PQ062376.D	Decachlorobiphenyl #2	yogesh	7/19/2023 8:46:12 AM	Ankita	7/19/2023 9:38:54	Peak Integrated by Software
AR1254CCC500	PQ062376.D	Tetrachloro-m-xylene #2	yogesh	7/19/2023 8:46:12 AM	Ankita	7/19/2023 9:38:54	Peak Integrated by Software
I.BLK	PQ062377.D	Decachlorobiphenyl #2	yogesh	7/19/2023 8:46:14 AM	Ankita	7/19/2023 9:38:56	Peak Integrated by Software
I.BLK	PQ062377.D	Tetrachloro-m-xylene #2	yogesh	7/19/2023 8:46:14 AM	Ankita	7/19/2023 9:38:56	Peak Integrated by Software

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ070123

Review By	yogesh	Review On	7/3/2023 8:19:38 AM		
Supervise By	Ankita	Supervise On	7/5/2023 9:18:48 AM		
SubDirectory	PQ070123	HP Acquire Method		HP Processing Method	PQ070123

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PQ061833.D	01 Jul 2023 02:34	YP\AJ	Ok
2	I.BLK	PQ061834.D	01 Jul 2023 02:49	YP\AJ	Ok
3	AR1660ICC1000	PQ061835.D	01 Jul 2023 03:04	YP\AJ	Ok
4	AR1660ICC750	PQ061836.D	01 Jul 2023 03:18	YP\AJ	Ok
5	AR1660ICC500	PQ061837.D	01 Jul 2023 03:33	YP\AJ	Ok
6	AR1660ICC250	PQ061838.D	01 Jul 2023 03:48	YP\AJ	Ok
7	AR1660ICC050	PQ061839.D	01 Jul 2023 04:02	YP\AJ	Ok,M
8	AR1221ICC500	PQ061840.D	01 Jul 2023 04:17	YP\AJ	Ok
9	AR1232ICC500	PQ061841.D	01 Jul 2023 04:31	YP\AJ	Ok
10	AR1242ICC1000	PQ061842.D	01 Jul 2023 04:46	YP\AJ	Ok
11	AR1242ICC750	PQ061843.D	01 Jul 2023 05:01	YP\AJ	Ok
12	AR1242ICC500	PQ061844.D	01 Jul 2023 05:15	YP\AJ	Ok
13	AR1242ICC250	PQ061845.D	01 Jul 2023 05:30	YP\AJ	Ok
14	AR1242ICC050	PQ061846.D	01 Jul 2023 05:45	YP\AJ	Ok
15	AR1248ICC1000	PQ061847.D	01 Jul 2023 05:59	YP\AJ	Ok
16	AR1248ICC750	PQ061848.D	01 Jul 2023 06:14	YP\AJ	Ok,M
17	AR1248ICC500	PQ061849.D	01 Jul 2023 06:28	YP\AJ	Ok
18	AR1248ICC250	PQ061850.D	01 Jul 2023 06:43	YP\AJ	Ok
19	AR1248ICC050	PQ061851.D	01 Jul 2023 06:58	YP\AJ	Ok
20	AR1254ICC1000	PQ061852.D	01 Jul 2023 07:12	YP\AJ	Ok
21	AR1254ICC750	PQ061853.D	01 Jul 2023 07:27	YP\AJ	Ok
22	AR1254ICC500	PQ061854.D	01 Jul 2023 07:42	YP\AJ	Ok
23	AR1254ICC250	PQ061855.D	01 Jul 2023 07:56	YP\AJ	Ok

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ070123

Review By	yogesh	Review On	7/3/2023 8:19:38 AM		
Supervise By	Ankita	Supervise On	7/5/2023 9:18:48 AM		
SubDirectory	PQ070123	HP Acquire Method		HP Processing Method	PQ070123

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

24	AR1254ICC050	PQ061856.D	01 Jul 2023 08:11	YP\AJ	Ok
25	AR1262ICC500	PQ061857.D	01 Jul 2023 08:25	YP\AJ	Ok
26	AR1268ICC1000	PQ061858.D	01 Jul 2023 08:40	YP\AJ	Ok
27	AR1268ICC750	PQ061859.D	01 Jul 2023 08:55	YP\AJ	Ok
28	AR1268ICC500	PQ061860.D	01 Jul 2023 09:09	YP\AJ	Ok
29	AR1268ICC250	PQ061861.D	01 Jul 2023 09:24	YP\AJ	Ok
30	AR1268ICC050	PQ061862.D	01 Jul 2023 09:39	YP\AJ	Ok
31	PQ070123ICV500	PQ061863.D	01 Jul 2023 09:53	YP\AJ	Ok
32	AR1242ICV500	PQ061864.D	01 Jul 2023 10:08	YP\AJ	Ok
33	AR1248ICV500	PQ061865.D	01 Jul 2023 10:23	YP\AJ	Ok
34	AR1254ICV500	PQ061866.D	01 Jul 2023 10:37	YP\AJ	Ok
35	AR1268ICV500	PQ061867.D	01 Jul 2023 10:52	YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ071823

Review By	yogesh	Review On	7/19/2023 8:46:34 AM		
Supervise By	Ankita	Supervise On	7/19/2023 9:39:14 AM		
SubDirectory	PQ071823	HP Acquire Method		HP Processing Method	PQ070123

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PQ062329.D	18 Jul 2023 10:15	YP\AJ	Ok
2	AR1660CCC500	PQ062330.D	18 Jul 2023 10:46	YP\AJ	Ok
3	AR1242CCC500	PQ062331.D	18 Jul 2023 11:01	YP\AJ	Ok
4	AR1248CCC500	PQ062332.D	18 Jul 2023 11:15	YP\AJ	Ok
5	AR1254CCC500	PQ062333.D	18 Jul 2023 11:30	YP\AJ	Ok
6	I.BLK	PQ062334.D	18 Jul 2023 11:44	YP\AJ	Ok,M
7	PB154254BL	PQ062335.D	18 Jul 2023 13:20	YP\AJ	Ok
8	PB154254BS	PQ062336.D	18 Jul 2023 13:35	YP\AJ	Ok
9	O3646-01	PQ062337.D	18 Jul 2023 13:50	YP\AJ	Ok,M
10	O3646-04	PQ062338.D	18 Jul 2023 14:04	YP\AJ	Ok,M
11	O3647-01	PQ062339.D	18 Jul 2023 14:19	YP\AJ	Ok
12	O3648-01	PQ062340.D	18 Jul 2023 14:34	YP\AJ	Ok
13	O3652-01	PQ062341.D	18 Jul 2023 14:48	YP\AJ	Ok,M
14	O3652-11	PQ062342.D	18 Jul 2023 15:03	YP\AJ	ReRun
15	O3652-21	PQ062343.D	18 Jul 2023 15:17	YP\AJ	ReRun
16	AR1660CCC500	PQ062344.D	18 Jul 2023 15:47	YP\AJ	Ok
17	AR1254CCC500	PQ062345.D	18 Jul 2023 16:01	YP\AJ	Ok
18	I.BLK	PQ062346.D	18 Jul 2023 16:16	YP\AJ	Ok
19	PB154255BL	PQ062347.D	18 Jul 2023 16:31	YP\AJ	Ok
20	PB154255BS	PQ062348.D	18 Jul 2023 16:45	YP\AJ	Ok
21	O3643-01	PQ062349.D	18 Jul 2023 17:00	YP\AJ	Ok,M
22	O3644-01	PQ062350.D	18 Jul 2023 17:15	YP\AJ	Ok
23	O3645-01	PQ062351.D	18 Jul 2023 17:29	YP\AJ	Ok

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ071823

Review By	yogesh	Review On	7/19/2023 8:46:34 AM		
Supervise By	Ankita	Supervise On	7/19/2023 9:39:14 AM		
SubDirectory	PQ071823	HP Acquire Method		HP Processing Method	PQ070123

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

24	O3645-02	PQ062352.D	18 Jul 2023 17:44	YP\AJ	Ok
25	O3645-03	PQ062353.D	18 Jul 2023 17:58	YP\AJ	Ok
26	O3645-04	PQ062354.D	18 Jul 2023 18:13	YP\AJ	Ok,M
27	O3645-05	PQ062355.D	18 Jul 2023 18:28	YP\AJ	Ok
28	O3645-06	PQ062356.D	18 Jul 2023 18:42	YP\AJ	Ok,M
29	O3645-07	PQ062357.D	18 Jul 2023 18:57	YP\AJ	Ok
30	O3645-09MS	PQ062358.D	18 Jul 2023 19:12	YP\AJ	Ok,M
31	O3645-10MSD	PQ062359.D	18 Jul 2023 19:26	YP\AJ	Ok,M
32	O3649-01	PQ062360.D	18 Jul 2023 19:41	YP\AJ	Ok,M
33	O3649-02	PQ062361.D	18 Jul 2023 19:56	YP\AJ	Ok,M
34	O3649-03	PQ062362.D	18 Jul 2023 20:10	YP\AJ	Ok,M
35	O3649-04	PQ062363.D	18 Jul 2023 20:25	YP\AJ	Ok,M
36	O3649-05	PQ062364.D	18 Jul 2023 20:39	YP\AJ	Ok,M
37	O3649-06	PQ062365.D	18 Jul 2023 20:54	YP\AJ	Ok,M
38	AR1660CCC500	PQ062366.D	18 Jul 2023 21:53	YP\AJ	Ok
39	AR1254CCC500	PQ062367.D	18 Jul 2023 22:07	YP\AJ	Ok,M
40	I.BLK	PQ062368.D	18 Jul 2023 22:22	YP\AJ	Ok,M
41	O3651-01	PQ062369.D	18 Jul 2023 22:37	YP\AJ	Ok,M
42	PB154263BL	PQ062370.D	18 Jul 2023 23:06	YP\AJ	Ok,M
43	PB154263BS	PQ062371.D	18 Jul 2023 23:20	YP\AJ	Ok
44	PB154263BSD	PQ062372.D	18 Jul 2023 23:35	YP\AJ	Ok
45	O3637-01	PQ062373.D	18 Jul 2023 23:50	YP\AJ	Ok,M
46	O3645-08	PQ062374.D	19 Jul 2023 00:04	YP\AJ	Ok,M
47	AR1660CCC500	PQ062375.D	19 Jul 2023 01:03	YP\AJ	Ok,M
48	AR1254CCC500	PQ062376.D	19 Jul 2023 01:17	YP\AJ	Ok,M

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ071823

Review By	yogesh	Review On	7/19/2023 8:46:34 AM		
Supervise By	Ankita	Supervise On	7/19/2023 9:39:14 AM		
SubDirectory	PQ071823	HP Acquire Method		HP Processing Method	PQ070123

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

49	I.BLK	PQ062377.D	19 Jul 2023 01:32	YP\AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ070123

Review By	yogesh	Review On	7/3/2023 8:19:38 AM		
Supervise By	Ankita	Supervise On	7/5/2023 9:18:48 AM		
SubDirectory	PQ070123	HP Acquire Method		HP Processing Method	PQ070123

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PQ061833.D	01 Jul 2023 02:34		YP\AJ	Ok
2	I.BLK	I.BLK	PQ061834.D	01 Jul 2023 02:49		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PQ061835.D	01 Jul 2023 03:04		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PQ061836.D	01 Jul 2023 03:18		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PQ061837.D	01 Jul 2023 03:33		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PQ061838.D	01 Jul 2023 03:48		YP\AJ	Ok
7	AR1660ICC050	AR1660ICC050	PQ061839.D	01 Jul 2023 04:02		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PQ061840.D	01 Jul 2023 04:17		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PQ061841.D	01 Jul 2023 04:31		YP\AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PQ061842.D	01 Jul 2023 04:46		YP\AJ	Ok
11	AR1242ICC750	AR1242ICC750	PQ061843.D	01 Jul 2023 05:01		YP\AJ	Ok
12	AR1242ICC500	AR1242ICC500	PQ061844.D	01 Jul 2023 05:15		YP\AJ	Ok
13	AR1242ICC250	AR1242ICC250	PQ061845.D	01 Jul 2023 05:30		YP\AJ	Ok
14	AR1242ICC050	AR1242ICC050	PQ061846.D	01 Jul 2023 05:45		YP\AJ	Ok
15	AR1248ICC1000	AR1248ICC1000	PQ061847.D	01 Jul 2023 05:59		YP\AJ	Ok
16	AR1248ICC750	AR1248ICC750	PQ061848.D	01 Jul 2023 06:14		YP\AJ	Ok,M
17	AR1248ICC500	AR1248ICC500	PQ061849.D	01 Jul 2023 06:28		YP\AJ	Ok
18	AR1248ICC250	AR1248ICC250	PQ061850.D	01 Jul 2023 06:43		YP\AJ	Ok
19	AR1248ICC050	AR1248ICC050	PQ061851.D	01 Jul 2023 06:58		YP\AJ	Ok

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ070123

Review By	yogesh	Review On	7/3/2023 8:19:38 AM		
Supervise By	Ankita	Supervise On	7/5/2023 9:18:48 AM		
SubDirectory	PQ070123	HP Acquire Method		HP Processing Method	PQ070123

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

20	AR1254ICC1000	AR1254ICC1000	PQ061852.D	01 Jul 2023 07:12		YP\AJ	Ok
21	AR1254ICC750	AR1254ICC750	PQ061853.D	01 Jul 2023 07:27		YP\AJ	Ok
22	AR1254ICC500	AR1254ICC500	PQ061854.D	01 Jul 2023 07:42		YP\AJ	Ok
23	AR1254ICC250	AR1254ICC250	PQ061855.D	01 Jul 2023 07:56		YP\AJ	Ok
24	AR1254ICC050	AR1254ICC050	PQ061856.D	01 Jul 2023 08:11		YP\AJ	Ok
25	AR1262ICC500	AR1262ICC500	PQ061857.D	01 Jul 2023 08:25		YP\AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PQ061858.D	01 Jul 2023 08:40		YP\AJ	Ok
27	AR1268ICC750	AR1268ICC750	PQ061859.D	01 Jul 2023 08:55		YP\AJ	Ok
28	AR1268ICC500	AR1268ICC500	PQ061860.D	01 Jul 2023 09:09		YP\AJ	Ok
29	AR1268ICC250	AR1268ICC250	PQ061861.D	01 Jul 2023 09:24		YP\AJ	Ok
30	AR1268ICC050	AR1268ICC050	PQ061862.D	01 Jul 2023 09:39		YP\AJ	Ok
31	PQ070123ICV500	ICVPQ070123	PQ061863.D	01 Jul 2023 09:53		YP\AJ	Ok
32	AR1242ICV500	ICVPQ070123AR1242	PQ061864.D	01 Jul 2023 10:08		YP\AJ	Ok
33	AR1248ICV500	ICVPQ070123AR1248	PQ061865.D	01 Jul 2023 10:23		YP\AJ	Ok
34	AR1254ICV500	ICVPQ070123AR1254	PQ061866.D	01 Jul 2023 10:37		YP\AJ	Ok
35	AR1268ICV500	ICVPQ070123AR1268	PQ061867.D	01 Jul 2023 10:52		YP\AJ	Ok

M : Manual Integration

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ071823

Review By	yogesh	Review On	7/19/2023 8:46:34 AM		
Supervise By	Ankita	Supervise On	7/19/2023 9:39:14 AM		
SubDirectory	PQ071823	HP Acquire Method		HP Processing Method	PQ070123

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PQ062329.D	18 Jul 2023 10:15		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PQ062330.D	18 Jul 2023 10:46		YP\AJ	Ok
3	AR1242CCC500	AR1242CCC500	PQ062331.D	18 Jul 2023 11:01		YP\AJ	Ok
4	AR1248CCC500	AR1248CCC500	PQ062332.D	18 Jul 2023 11:15		YP\AJ	Ok
5	AR1254CCC500	AR1254CCC500	PQ062333.D	18 Jul 2023 11:30		YP\AJ	Ok
6	I.BLK	I.BLK	PQ062334.D	18 Jul 2023 11:44		YP\AJ	Ok,M
7	PB154254BL	PB154254BL	PQ062335.D	18 Jul 2023 13:20		YP\AJ	Ok
8	PB154254BS	PB154254BS	PQ062336.D	18 Jul 2023 13:35		YP\AJ	Ok
9	O3646-01	GATE-1	PQ062337.D	18 Jul 2023 13:50		YP\AJ	Ok,M
10	O3646-04	YARD-1	PQ062338.D	18 Jul 2023 14:04	AR1254 Hit	YP\AJ	Ok,M
11	O3647-01	SAMPLE-1	PQ062339.D	18 Jul 2023 14:19		YP\AJ	Ok
12	O3648-01	OK-01-071723	PQ062340.D	18 Jul 2023 14:34		YP\AJ	Ok
13	O3652-01	TP19	PQ062341.D	18 Jul 2023 14:48		YP\AJ	Ok,M
14	O3652-11	TP18	PQ062342.D	18 Jul 2023 15:03	Both Surrogate failed	YP\AJ	ReRun
15	O3652-21	TP17	PQ062343.D	18 Jul 2023 15:17	TCMX high in both column	YP\AJ	ReRun
16	AR1660CCC500	AR1660CCC500	PQ062344.D	18 Jul 2023 15:47		YP\AJ	Ok
17	AR1254CCC500	AR1254CCC500	PQ062345.D	18 Jul 2023 16:01		YP\AJ	Ok
18	I.BLK	I.BLK	PQ062346.D	18 Jul 2023 16:16		YP\AJ	Ok
19	PB154255BL	PB154255BL	PQ062347.D	18 Jul 2023 16:31		YP\AJ	Ok

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ071823

Review By	yogesh	Review On	7/19/2023 8:46:34 AM		
Supervise By	Ankita	Supervise On	7/19/2023 9:39:14 AM		
SubDirectory	PQ071823	HP Acquire Method		HP Processing Method	PQ070123

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

20	PB154255BS	PB154255BS	PQ062348.D	18 Jul 2023 16:45		YP\AJ	Ok
21	O3643-01	01A-01B-01C	PQ062349.D	18 Jul 2023 17:00	AR1254 + AR1260 Hit	YP\AJ	Ok,M
22	O3644-01	01A-01B-01C	PQ062350.D	18 Jul 2023 17:15		YP\AJ	Ok
23	O3645-01	SB-02-(3-5)	PQ062351.D	18 Jul 2023 17:29		YP\AJ	Ok
24	O3645-02	SB-04-(1-5)	PQ062352.D	18 Jul 2023 17:44		YP\AJ	Ok
25	O3645-03	SB-07-(1-3)	PQ062353.D	18 Jul 2023 17:58		YP\AJ	Ok
26	O3645-04	SB-08-(0.5-2.0)	PQ062354.D	18 Jul 2023 18:13		YP\AJ	Ok,M
27	O3645-05	SB-09-(2.0-4.0)	PQ062355.D	18 Jul 2023 18:28		YP\AJ	Ok
28	O3645-06	SB-10-(0.5-2.0)	PQ062356.D	18 Jul 2023 18:42		YP\AJ	Ok,M
29	O3645-07	DUP	PQ062357.D	18 Jul 2023 18:57		YP\AJ	Ok
30	O3645-09MS	SB-04-(1-5)MS	PQ062358.D	18 Jul 2023 19:12		YP\AJ	Ok,M
31	O3645-10MSD	SB-04-(1-5)MSD	PQ062359.D	18 Jul 2023 19:26		YP\AJ	Ok,M
32	O3649-01	X182-S5	PQ062360.D	18 Jul 2023 19:41		YP\AJ	Ok,M
33	O3649-02	X182-B4	PQ062361.D	18 Jul 2023 19:56		YP\AJ	Ok,M
34	O3649-03	X182-S3	PQ062362.D	18 Jul 2023 20:10	AR1260 hit	YP\AJ	Ok,M
35	O3649-04	X182-B3	PQ062363.D	18 Jul 2023 20:25	AR1260 Hit	YP\AJ	Ok,M
36	O3649-05	X182-B3-DUP	PQ062364.D	18 Jul 2023 20:39	AR1260 Hit	YP\AJ	Ok,M
37	O3649-06	X182-S4	PQ062365.D	18 Jul 2023 20:54	AR1260 Hit	YP\AJ	Ok,M
38	AR1660CCC500	AR1660CCC500	PQ062366.D	18 Jul 2023 21:53		YP\AJ	Ok
39	AR1254CCC500	AR1254CCC500	PQ062367.D	18 Jul 2023 22:07		YP\AJ	Ok,M

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ071823

Review By	yogesh	Review On	7/19/2023 8:46:34 AM		
Supervise By	Ankita	Supervise On	7/19/2023 9:39:14 AM		
SubDirectory	PQ071823	HP Acquire Method		HP Processing Method	PQ070123

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

40	I.BLK	I.BLK	PQ062368.D	18 Jul 2023 22:22		YP\AJ	Ok,M
41	O3651-01	NWB-1925	PQ062369.D	18 Jul 2023 22:37	DCB high in second column	YP\AJ	Ok,M
42	PB154263BL	PB154263BL	PQ062370.D	18 Jul 2023 23:06		YP\AJ	Ok,M
43	PB154263BS	PB154263BS	PQ062371.D	18 Jul 2023 23:20		YP\AJ	Ok
44	PB154263BSD	PB154263BSD	PQ062372.D	18 Jul 2023 23:35		YP\AJ	Ok
45	O3637-01	A508	PQ062373.D	18 Jul 2023 23:50		YP\AJ	Ok,M
46	O3645-08	RINSATE-BLANK	PQ062374.D	19 Jul 2023 00:04		YP\AJ	Ok,M
47	AR1660CCC500	AR1660CCC500	PQ062375.D	19 Jul 2023 01:03		YP\AJ	Ok,M
48	AR1254CCC500	AR1254CCC500	PQ062376.D	19 Jul 2023 01:17		YP\AJ	Ok,M
49	I.BLK	I.BLK	PQ062377.D	19 Jul 2023 01:32		YP\AJ	Ok,M

M : Manual Integration

CHEMTECH

PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 7/18/2023

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 07/17/2023
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN-1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:11
Out Date: 07/18/2023
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: %SOLIDS-OVEN

QC: LB126475

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
O3638-01	TP1	1	1.15	8.81	9.96	9.14	90.7	
O3638-03	TP1-A	2	1.15	8.60	9.75	8.52	85.7	
O3638-04	TP1-B	3	1.13	8.60	9.73	8.88	90.1	
O3638-05	TP1-C	4	1.13	8.58	9.71	8.74	88.7	
O3638-06	TP1-D	5	1.12	8.51	9.63	8.58	87.7	
O3638-07	TP1-E	6	1.13	8.72	9.85	9.05	90.8	
O3638-08	TP1-F	7	1.16	8.47	9.63	8.47	86.3	
O3638-09	TP1-G	8	1.14	8.79	9.93	9.16	91.2	
O3638-10	TP1-H	9	1.12	8.44	9.56	8.55	88.0	
O3638-11	TP2	10	1.12	8.65	9.77	8.52	85.5	
O3638-13	TP2-A	11	1.15	8.81	9.96	8.99	89.0	
O3638-14	TP2-B	12	1.13	8.45	9.58	8.38	85.8	
O3638-15	TP2-C	13	1.12	8.66	9.78	8.55	85.8	
O3638-16	TP2-D	14	1.18	8.50	9.68	8.68	88.2	
O3638-17	TP2-E	15	1.18	8.54	9.72	8.52	85.9	
O3638-18	TP2-F	16	1.19	8.66	9.85	8.61	85.7	
O3638-19	TP2-G	17	1.15	8.80	9.95	8.69	85.7	
O3638-20	TP2-H	18	1.12	8.41	9.53	8.24	84.7	
O3638-21	TP6	19	1.14	8.82	9.96	9.31	92.6	
O3638-23	TP6-A	20	1.16	8.80	9.96	9.29	92.4	
O3638-24	TP6-B	21	1.11	8.55	9.66	8.72	89.0	
O3638-25	TP6-C	22	1.19	8.63	9.82	9.14	92.1	
O3638-26	TP6-D	23	1.12	8.71	9.83	8.84	88.6	
O3638-27	TP6-E	24	1.14	8.42	9.56	8.86	91.7	
O3638-28	TP6-F	25	1.11	8.86	9.97	9.24	91.8	
O3638-29	TP6-G	26	1.12	8.58	9.7	8.67	88.0	
O3638-30	TP6-H	27	1.14	8.84	9.98	9.22	91.4	
O3638-31	TP7	28	1.18	8.72	9.9	8.96	89.2	

CHEMTECH

PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 7/18/2023

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 07/17/2023
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN-1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:11
Out Date: 07/18/2023
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: %SOLIDS-OVEN

QC: LB126475

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
O3638-33	TP7-A	29	1.12	8.61	9.73	8.68	87.8	
O3638-34	TP7-B	30	1.11	8.52	9.63	8.6	87.9	
O3638-35	TP7-C	31	1.18	8.81	9.99	9.37	93.0	
O3638-36	TP7-D	32	1.11	8.86	9.97	8.76	86.3	
O3638-37	TP7-E	33	1.19	8.57	9.76	8.73	88.0	
O3638-38	TP7-F	34	1.19	8.52	9.71	8.72	88.4	
O3638-39	TP7-G	35	1.13	8.59	9.72	8.71	88.2	
O3638-40	TP7-H	36	1.15	8.83	9.98	9.14	90.5	
O3639-01	TP3	37	1.12	8.70	9.82	8.57	85.6	
O3639-03	TP3-A	38	1.12	8.68	9.8	8.48	84.8	
O3639-04	TP3-B	39	1.13	8.85	9.98	9.06	89.6	
O3639-05	TP3-C	40	1.18	8.72	9.9	8.53	84.3	
O3639-06	TP3-D	41	1.13	8.55	9.68	8.66	88.1	
O3639-07	TP3-E	42	1.19	8.41	9.6	8.48	86.7	
O3639-08	TP3-F	43	1.19	8.63	9.82	8.7	87.0	
O3639-09	TP3-G	44	1.18	8.68	9.86	8.74	87.1	
O3639-10	TP3-H	45	1.11	8.50	9.61	8.65	88.7	
O3639-11	TP4	46	1.19	8.53	9.72	8.67	87.7	
O3639-13	TP4-A	47	1.15	8.51	9.66	8.36	84.7	
O3639-14	TP4-B	48	1.14	8.55	9.69	8.6	87.3	
O3639-15	TP4-C	49	1.12	8.68	9.8	8.6	86.2	
O3639-16	TP4-D	50	1.19	8.72	9.91	8.81	87.4	
O3639-17	TP4-E	51	1.15	8.54	9.69	8.64	87.7	
O3639-18	TP4-F	52	1.12	8.65	9.77	8.72	87.9	
O3639-19	TP4-G	53	1.14	8.83	9.97	8.86	87.4	
O3639-20	TP4-H	54	1.12	8.85	9.97	8.65	85.1	
O3639-21	TP5	55	1.12	8.46	9.58	8.77	90.4	
O3639-23	TP5-A	56	1.14	8.81	9.95	9.28	92.4	

CHEMTECH

PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 7/18/2023

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 07/17/2023
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN-1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:11
Out Date: 07/18/2023
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: %SOLIDS-OVEN

QC:LB126475

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
O3639-24	TP5-B	57	1.17	8.60	9.77	8.97	90.7	
O3639-25	TP5-C	58	1.15	8.81	9.96	9.21	91.5	
O3639-26	TP5-D	59	1.15	8.38	9.53	8.79	91.2	
O3639-27	TP5-E	60	1.19	8.43	9.62	8.91	91.6	
O3639-28	TP5-F	61	1.19	8.55	9.74	9.00	91.3	
O3639-29	TP5-G	62	1.18	8.60	9.78	8.91	89.9	
O3639-30	TP5-H	63	1.12	8.47	9.59	8.7	89.5	
O3639-31	TP10	64	1.12	8.77	9.89	8.64	85.7	
O3639-33	TP10-A	65	1.15	8.60	9.75	8.63	87.0	
O3639-34	TP10-B	66	1.15	8.59	9.74	8.65	87.3	
O3639-35	TP10-C	67	1.17	8.60	9.77	8.63	86.7	
O3639-36	TP10-D	68	1.16	8.83	9.99	9.47	94.1	
O3639-37	TP10-E	69	1.19	8.57	9.76	8.63	86.8	
O3639-38	TP10-F	70	1.16	8.82	9.98	9.5	94.6	
O3639-39	TP10-G	71	1.16	8.77	9.93	8.78	86.9	
O3639-40	TP10-H	72	1.15	8.81	9.96	9.14	90.7	
O3640-01	TP9	73	1.12	8.47	9.59	8.72	89.7	
O3640-03	TP9-A	74	1.17	8.53	9.7	8.77	89.1	
O3640-04	TP9-B	75	1.15	8.82	9.97	9.34	92.9	
O3640-05	TP9-C	76	1.12	8.56	9.68	8.83	90.1	
O3640-06	TP9-D	77	1.11	8.69	9.8	8.88	89.4	
O3640-07	TP9-E	78	1.13	8.69	9.82	8.92	89.6	
O3640-08	TP9-F	79	1.16	8.83	9.99	9.41	93.4	
O3640-09	TP9-G	80	1.19	8.59	9.78	8.94	90.2	
O3640-10	TP9-H	81	1.19	8.60	9.79	8.93	90.0	
O3640-11	TP8	82	1.12	8.80	9.92	8.91	88.5	
O3640-13	TP8-A	83	1.11	8.88	9.99	9.55	95.0	
O3640-14	TP8-B	84	1.19	8.72	9.91	8.81	87.4	

CHEMTECH

PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 7/18/2023

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 07/17/2023
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN-1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:11
Out Date: 07/18/2023
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: %SOLIDS-OVEN

QC:LB126475

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
O3640-15	TP8-C	85	1.14	8.84	9.98	9.56	95.2	
O3640-16	TP8-D	86	1.19	8.70	9.89	8.79	87.4	
O3640-17	TP8-E	87	1.15	8.84	9.99	9.03	89.1	
O3640-18	TP8-F	88	1.12	8.45	9.57	8.58	88.3	
O3640-19	TP8-G	89	1.19	8.63	9.82	8.89	89.2	
O3640-20	TP8-H	90	1.14	8.53	9.67	8.59	87.3	
O3640-21	TP12	91	1.11	8.87	9.98	8.81	86.8	
O3640-23	TP12-A	92	1.16	8.60	9.76	8.56	86.0	
O3640-24	TP12-B	93	1.19	8.63	9.82	8.84	88.6	
O3640-25	TP12-C	94	1.17	8.52	9.69	8.66	87.9	
O3640-26	TP12-D	95	1.14	8.66	9.8	8.76	88.0	
O3640-27	TP12-E	96	1.16	8.48	9.64	8.65	88.3	
O3640-28	TP12-F	97	1.16	8.77	9.93	8.82	87.3	
O3640-29	TP12-G	98	1.12	8.45	9.57	8.41	86.3	
O3640-30	TP12-H	99	1.18	8.57	9.75	8.72	88.0	
O3640-31	TP11	100	1.12	8.62	9.74	8.7	87.9	
O3640-33	TP11-A	101	1.12	8.87	9.99	9.54	94.9	
O3640-34	TP11-B	102	1.14	8.83	9.97	8.7	85.6	
O3640-35	TP11-C	103	1.12	8.61	9.73	8.48	85.5	
O3640-36	TP11-D	104	1.15	8.79	9.94	9.1	90.4	
O3640-37	TP11-E	105	1.15	8.40	9.55	8.7	89.9	
O3640-38	TP11-F	106	1.15	8.82	9.97	8.96	88.5	
O3640-39	TP11-G	107	1.15	8.84	9.99	9.31	92.3	
O3640-40	TP11-H	108	1.17	8.59	9.76	8.82	89.1	
O3641-01	TP13	109	1.14	8.83	9.97	8.4	82.2	
O3641-03	TP13-A	110	1.19	8.47	9.66	8.34	84.4	
O3641-04	TP13-B	111	1.1	8.68	9.78	8.33	83.3	
O3641-05	TP13-C	112	1.13	8.37	9.5	8.15	83.9	

CHEMTECH

PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 7/18/2023

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 07/17/2023
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN-1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:11
Out Date: 07/18/2023
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: %SOLIDS-OVEN

QC: LB126475

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
O3641-06	TP13-D	113	1.17	8.58	9.75	8.28	82.9	
O3641-07	TP13-E	114	1.13	8.69	9.82	8.42	83.9	
O3641-08	TP13-F	115	1.19	8.47	9.66	8.02	80.6	
O3641-09	TP13-G	116	1.14	8.37	9.51	8.16	83.9	
O3641-10	TP13-H	117	1.12	8.63	9.75	8.4	84.4	
O3641-11	TP14	118	1.18	8.52	9.7	8.4	84.7	
O3641-13	TP14-A	119	1.12	8.72	9.84	8.67	86.6	
O3641-14	TP14-B	120	1.14	8.80	9.94	8.62	85.0	
O3641-15	TP14-C	121	1.16	8.41	9.57	8.31	85.0	
O3641-16	TP14-D	122	1.17	8.58	9.75	8.5	85.4	
O3641-17	TP14-E	123	1.17	8.45	9.62	8.33	84.7	
O3641-18	TP14-F	124	1.15	8.82	9.97	9.09	90.0	
O3641-19	TP14-G	125	1.18	8.54	9.72	8.54	86.2	
O3641-20	TP14-H	126	1.18	8.66	9.84	8.24	81.5	
O3641-21	TP16	127	1.18	8.54	9.72	8.6	86.9	
O3641-23	TP16-A	128	1.16	8.74	9.9	8.78	87.2	
O3641-24	TP16-B	129	1.19	8.55	9.74	7.9	78.5	
O3641-25	TP16-C	130	1.17	8.77	9.94	8.75	86.4	
O3641-26	TP16-D	131	1.19	8.53	9.72	8.53	86.0	
O3641-27	TP16-E	132	1.15	8.80	9.95	8.28	81.0	
O3641-28	TP16-F	133	1.19	8.50	9.69	7.71	76.7	
O3641-29	TP16-G	134	1.19	8.47	9.66	7.4	73.3	
O3641-30	TP16-H	135	1.15	8.37	9.52	7.47	75.5	
O3641-31	TP15	136	1.12	8.71	9.83	8.37	83.2	
O3641-33	TP15-A	137	1.12	8.46	9.58	7.86	79.7	
O3641-34	TP15-B	138	1.15	8.38	9.53	7.93	80.9	
O3641-35	TP15-C	139	1.17	8.50	9.67	8.06	81.1	
O3641-36	TP15-D	140	1.16	8.68	9.84	8.8	88.0	

CHEMTECH

PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 7/18/2023

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 07/17/2023
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN-1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:11
Out Date: 07/18/2023
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: %SOLIDS-OVEN

QC: LB126475

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
O3641-37	TP15-E	141	1.16	8.78	9.94	8.57	84.4	
O3641-38	TP15-F	142	1.15	8.84	9.99	8.4	82.0	
O3641-39	TP15-G	143	1.18	8.57	9.75	7.99	79.5	
O3641-40	TP15-H	144	1.15	8.80	9.95	8.32	81.5	
O3643-01	01A-01B-01C	145	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O3644-01	01A-01B-01C	146	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O3645-01	SB-02-(3-5)	147	1.15	8.81	9.96	8.75	86.3	
O3645-02	SB-04-(1-5)	148	1.15	8.36	9.51	8.78	91.3	
O3645-03	SB-07-(1-3)	149	1.13	8.75	9.88	8.09	79.5	
O3645-04	SB-08-(10.5-2.0)	150	1.13	8.40	9.53	7.4	74.6	
O3645-05	SB-09-(2.0-4.0)	151	1.19	8.71	9.9	8.11	79.4	
O3645-06	SB-10-(0.5-2.0)	152	1.19	8.43	9.62	8.21	83.3	
O3645-07	DUP	153	1.18	8.81	9.99	8.3	80.8	
O3645-09	O3645-02MS	154	1.15	8.36	9.51	8.78	91.3	
O3645-10	O3645-02MSD	155	1.15	8.36	9.51	8.78	91.3	
O3646-01	GATE-1	164	1.14	8.85	9.99	8.52	83.4	
O3646-03	GATE-1-EPH-2	165	1.12	8.85	9.97	8.53	83.7	
O3646-04	YARD-1	166	1.18	8.45	9.63	8.8	90.2	
O3646-06	YARD-1-EPH-2	167	1.1	8.79	9.89	8.36	82.6	
O3647-01	SAMPLE-1	156	1.16	8.50	9.66	8.89	90.9	
O3648-01	OK-01-071723	168	1.13	8.45	9.58	7.93	80.5	
O3648-02	OK-01-071723-EPH-2	169	1.13	8.45	9.58	7.93	80.5	
O3649-01	X182-S5	157	1.15	8.50	9.65	8.14	82.2	
O3649-02	X182-B4	158	1.15	8.81	9.96	8.58	84.3	
O3649-03	X182-S3	159	1.12	8.72	9.84	8.9	89.2	
O3649-04	X182-B3	160	1.13	8.53	9.66	8.51	86.5	
O3649-05	X182-B3-DUP	161	1.19	8.71	9.9	8.85	87.9	
O3649-06	X182-S4	162	1.16	8.83	9.99	9.39	93.2	

CHEMTECH

PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 7/18/2023

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 07/17/2023
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN-1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:11
Out Date: 07/18/2023
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: %SOLIDS-OVEN

QC: LB126475

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
O3650-01	NWB-1933	163	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
O3654-01	72-12016	170	1.19	8.57	9.76	8.96	90.7	
O3654-03	72-12016-EPH-2	171	1.18	8.54	9.72	9.15	93.3	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

VB126475

WorkList Name : %1-071723 **WorkList ID :** 171905 **Department :** Wet-Chemistry **Date :** 07-16-2023 06:33:35

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O3638-01	TP1	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3638-03	TP1-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3638-04	TP1-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3638-05	TP1-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3638-06	TP1-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3638-07	TP1-E	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3638-08	TP1-F	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3638-09	TP1-G	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3638-10	TP1-H	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3638-11	TP2	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3638-13	TP2-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3638-14	TP2-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3638-15	TP2-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3638-16	TP2-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3638-17	TP2-E	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3638-18	TP2-F	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3638-19	TP2-G	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3638-20	TP2-H	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3638-21	TP6	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3638-23	TP6-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3638-24	TP6-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO

Date/Time 07-17-23 ~~07-16-23~~ 15:00

Raw Sample Received by: JD (CCC)

Raw Sample Relinquished by: L.C (SM)

Date/Time 07-17-23 ~~07-16-23~~ 17:20

Raw Sample Received by: L.C SM

Raw Sample Relinquished by: JD (CCC)

NB 126475

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-071723 **WorkList ID :** 171905 **Department :** Wet-Chemistry **Date :** 07-16-2023 06:33:35

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O3638-25	TP6-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3638-26	TP6-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3638-27	TP6-E	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3638-28	TP6-F	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3638-29	TP6-G	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3638-30	TP6-H	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3638-31	TP7	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3638-33	TP7-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3638-34	TP7-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3638-35	TP7-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3638-36	TP7-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3638-37	TP7-E	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3638-38	TP7-F	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3638-39	TP7-G	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3638-40	TP7-H	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3639-01	TP3	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3639-03	TP3-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3639-04	TP3-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3639-05	TP3-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3639-06	TP3-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3639-07	TP3-E	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO

JP 07-17-23

Date/Time 07-16-23 1510

Raw Sample Received by: JP COC

Raw Sample Relinquished by: J.C (Sam)

JP 07-17-23

Date/Time 07-16-23 1720

Raw Sample Received by: J.C (Sam)

Raw Sample Relinquished by: JP COC

VB 126475

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-071723 **WorkList ID :** 171905 **Department :** Wet-Chemistry **Date :** 07-16-2023 06:33:35

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O3639-08	TP3-F	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3639-09	TP3-G	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3639-10	TP3-H	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3639-11	TP4	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3639-13	TP4-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3639-14	TP4-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3639-15	TP4-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3639-16	TP4-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3639-17	TP4-E	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3639-18	TP4-F	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3639-19	TP4-G	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3639-20	TP4-H	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3639-21	TP5	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3639-23	TP5-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3639-24	TP5-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3639-25	TP5-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3639-26	TP5-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3639-27	TP5-E	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3639-28	TP5-F	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3639-29	TP5-G	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3639-30	TP5-H	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO

JD 07-17-23

Date/Time ~~07/16/23~~ 15:00

Raw Sample Received by: JD (UPS)

Raw Sample Relinquished by: I.C (Sam)

JD 07-17-23

Date/Time ~~07-16-23~~ 7:20

Raw Sample Received by: I.C (Sam)

Raw Sample Relinquished by: JD (UPS)

WORKLIST(Hardcopy Internal Chain)

MS126475

WorkList Name : %1-071723 **WorkList ID :** 171905 **Department :** Wet-Chemistry **Date :** 07-16-2023 06:33:35

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O3639-31	TP10	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3639-33	TP10-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3639-34	TP10-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3639-35	TP10-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3639-36	TP10-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3639-37	TP10-E	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3639-38	TP10-F	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3639-39	TP10-G	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3639-40	TP10-H	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3640-01	TP9	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3640-03	TP9-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3640-04	TP9-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3640-05	TP9-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3640-06	TP9-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3640-07	TP9-E	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3640-08	TP9-F	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3640-09	TP9-G	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3640-10	TP9-H	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3640-11	TP8	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3640-13	TP8-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3640-14	TP8-B JP	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11 JP 07-17-23	07/14/2023	Chemtech -SO

Date/Time ~~07-16-23~~ 07-17-23 1510

Raw Sample Received by: JP (WC)

Raw Sample Relinquished by: L.C (Sm)

Date/Time ~~07-16-23~~ 1420

Raw Sample Received by: L.C (Sm)

Raw Sample Relinquished by: JP (WC)

13 126475

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-071723 **WorkList ID :** 171905 **Department :** Wet-Chemistry **Date :** 07-16-2023 06:33:35

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O3640-15	TP8-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3640-16	TP8-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3640-17	TP8-E	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3640-18	TP8-F	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3640-19	TP8-G	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3640-20	TP8-H	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3640-21	TP12	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3640-23	TP12-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3640-24	TP12-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3640-25	TP12-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3640-26	TP12-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3640-27	TP12-E	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3640-28	TP12-F	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3640-29	TP12-G	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3640-30	TP12-H	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3640-31	TP11	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3640-33	TP11-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3640-34	TP11-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3640-35	TP11-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3640-36	TP11-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3640-37	TP11-E	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO

30 07-17-23

Date/Time 07-16-23 1500

Raw Sample Received by: JM (CWC)

Raw Sample Relinquished by: L.C (SMO)

07-17-23 TP

Date/Time 07-16-23 1720

Raw Sample Received by: L.C (SMO)

Raw Sample Relinquished by: JM (CWC)

LB 126475

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-071723 **WorkList ID :** 171905 **Department :** Wet-Chemistry **Date :** 07-16-2023 06:33:35

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O3640-38	TP11-F	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3640-39	TP11-G	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3640-40	TP11-H	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3641-01	TP13	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3641-03	TP13-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3641-04	TP13-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3641-05	TP13-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3641-06	TP13-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3641-07	TP13-E	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3641-08	TP13-F	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3641-09	TP13-G	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3641-10	TP13-H	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3641-11	TP14	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3641-13	TP14-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3641-14	TP14-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3641-15	TP14-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3641-16	TP14-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3641-17	TP14-E	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3641-18	TP14-F	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3641-19	TP14-G	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3641-20 JB	TP14-H 07-17-23	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11 JB 07-17-23	07/14/2023	Chemtech -SO

Date/Time 07-16-23 15:00

Raw Sample Received by: JB (CDC)

Raw Sample Relinquished by: L.C (Sm)

Date/Time 07-16-23 17:40

Raw Sample Received by: L.C (Sm)

Raw Sample Relinquished by: TM (CDC)

WORKLIST(Hardcopy Internal Chain)

13 126475

WorkList Name : %1-071723 **WorkList ID :** 171905 **Department :** Wet-Chemistry **Date :** 07-16-2023 06:33:35

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O3641-21	TP16	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3641-23	TP16-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3641-24	TP16-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3641-25	TP16-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3641-26	TP16-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3641-27	TP16-E	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3641-28	TP16-F	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3641-29	TP16-G	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3641-30	TP16-H	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3641-31	TP15	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3641-33	TP15-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3641-34	TP15-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3641-35	TP15-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3641-36	TP15-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3641-37	TP15-E	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3641-38	TP15-F	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3641-39	TP15-G	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3641-40	TP15-H	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/14/2023	Chemtech -SO
O3643-01	01A-01B-01C	Solid	Percent Solids	Cool 4 deg C	BSIG01	I11	07/17/2023	Chemtech -SO
O3644-01	01A-01B-01C	Solid	Percent Solids	Cool 4 deg C	BSIG01	I11	07/17/2023	Chemtech -SO
O3645-01	SB-02-(3-5)	Solid	Percent Solids	Cool 4 deg C	LABE01	I11	07/12/2023	Chemtech -SO

07-17-23 JP

Date/Time 07-16-23 15:00

Raw Sample Received by: JP (0°C)

Raw Sample Relinquished by: J.C Sm

JP 07-17-23

Date/Time 07-16-23 17:20

Raw Sample Received by: J.C Sm

Raw Sample Relinquished by: JP (0°C)

VB 126475

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-071723 **WorkList ID :** 171905 **Department :** Wet-Chemistry **Date :** 07-16-2023 06:33:35

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O3645-02	SB-04-(1-5)	Solid	Percent Solids	Cool 4 deg C	LABE01	I11	07/12/2023	Chemtech -SO
O3645-03	SB-07-(1-3)	Solid	Percent Solids	Cool 4 deg C	LABE01	I11	07/13/2023	Chemtech -SO
O3645-04	SB-08-(10.5-2.0)	Solid	Percent Solids	Cool 4 deg C	LABE01	I11	07/13/2023	Chemtech -SO
O3645-05	SB-09-(2.0-4.0)	Solid	Percent Solids	Cool 4 deg C	LABE01	I11	07/13/2023	Chemtech -SO
O3645-06	SB-10-(0.5-2.0)	Solid	Percent Solids	Cool 4 deg C	LABE01	I11	07/13/2023	Chemtech -SO
O3645-07	DUP	Solid	Percent Solids	Cool 4 deg C	LABE01	I11	07/13/2023	Chemtech -SO
O3645-09	O3645-02MS	Solid	Percent Solids	Cool 4 deg C	LABE01	I11	07/12/2023	Chemtech -SO
O3645-10	O3645-02MSD	Solid	Percent Solids	Cool 4 deg C	LABE01	I11	07/12/2023	Chemtech -SO
O3646-01	GATE-1	Solid	Percent Solids	Cool 4 deg C	LABE01	I11	07/12/2023	Chemtech -SO
O3646-03	GATE-1-EPH-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/17/2023	Chemtech -SO
O3646-04	YARD-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/17/2023	Chemtech -SO
O3646-06	YARD-1-EPH-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/17/2023	Chemtech -SO
O3647-01	SAMPLE-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/17/2023	Chemtech -SO
O3648-01	OK-01-071723	Solid	Percent Solids	Cool 4 deg C	PREM01	I11	07/13/2023	Chemtech -SO
O3648-02	OK-01-071723-EPH-2	Solid	Percent Solids	Cool 4 deg C	PSEG05	I11	07/17/2023	Chemtech -SO
O3649-01	X182-S5	Solid	Percent Solids	Cool 4 deg C	PSEG05	I11	07/17/2023	Chemtech -SO
O3649-02	X182-B4	Solid	Percent Solids	Cool 4 deg C	ATCE02	I11	07/17/2023	Chemtech -SO
O3649-03	X182-S3	Solid	Percent Solids	Cool 4 deg C	ATCE02	I11	07/17/2023	Chemtech -SO
O3649-04	X182-B3	Solid	Percent Solids	Cool 4 deg C	ATCE02	I11	07/17/2023	Chemtech -SO
O3649-05	X182-B3-DUP	Solid	Percent Solids	Cool 4 deg C	ATCE02	I11	07/17/2023	Chemtech -SO
O3649-06	X182-S4	Solid	Percent Solids	Cool 4 deg C	ATCE02	I11	07/17/2023	Chemtech -SO

TB 07-17-23

Date/Time 07-16-23 15:00

Raw Sample Received by: JDC(WSC)

Raw Sample Relinquished by: K. Clem

Date/Time 07-17-23 07-16-23 TB 17:20

Raw Sample Received by: K. Clem

Raw Sample Relinquished by: JDC(WSC)

WORKLIST(Hardcopy Internal Chain)

NB 126475

WorkList Name : %1-071723 **WorkList ID :** 171905 **Department :** Wet-Chemistry **Date :** 07-16-2023 06:33:35

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O3650-01	NWB-1933	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/17/2023	Chemtech -SO
O3654-01	72-12016	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/17/2023	Chemtech -SO
O3654-03	72-12016-EPH-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	07/17/2023	Chemtech -SO

07-17-23 JP

Date/Time ~~07-16-23~~ 15:00

Raw Sample Received by: JP (COC)

Raw Sample Relinquished by: L.C (sm)

JP 07-17-23

Date/Time ~~07-16-23~~ 17:20

Raw Sample Received by: L.C (sm)

Raw Sample Relinquished by: JP (COC)

CHEMTECH

EXTRACTION LOGPAGE

PB154254

SOP ID:	M3541-ASE Extraction-14				
Clean Up SOP #:	Acid Cleanup			**Extraction Start Date :**	07/18/2023
Matrix :	Solid			**Extraction Start Time :**	09:10
Weigh By:	RJ	**Extraction By:**	RJ	**Extraction End Date :**	07/18/2023
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	12:15
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	RS
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**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	PP22064
Surrogate	1.0ML	200 PPB	PP22138
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
Hexane/Acetone/1:1	N/A	EP2350
Baked Na2SO4	N/A	EP261
Sand	N/A	E2865
Hexane	N/A	E3536
H2SO4 1:1	N/A	EP2316
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:

40ML Vial Lot # 03-40BTS721.

KD Bath ID:	N/A	**Envap ID:**	NE VAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/18/23	RJ (Ext. Lab)	AJ / Ext Lab
12:20	**Preparation Group**	**Analysis Group** .

CHEMTECH

EXTRACTION LOGPAGE

PrepBatch ID : PB154254

Analytical Method: M3541-ASE Extraction-14 **Concentration Date:** 07/18/2023

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB154254BL	ABLK254	PCB Group1	30.02	N/A	ritesh	RUPESH	10			U4-1
PB154254BS	ALCS254	PCB Group1	30.00	N/A	ritesh	RUPESH	10			2
O3645-01	SB-02-(3-5)	PCB Group1	30.05	N/A	ritesh	RUPESH	10	E		3
O3645-02	SB-04-(1-5)	PCB Group1	30.02	N/A	ritesh	RUPESH	10	E		4
O3645-03	SB-07-(1-3)	PCB Group1	30.09	N/A	ritesh	RUPESH	10	E		5
O3645-04	SB-08-(10.5-2.0)	PCB Group1	30.01	N/A	ritesh	RUPESH	10	E		6
O3645-05	SB-09-(2.0-4.0)	PCB Group1	30.06	N/A	ritesh	RUPESH	10	E		U5-1
O3645-06	SB-10-(0.5-2.0)	PCB Group1	30.08	N/A	ritesh	RUPESH	10	E		2
O3645-07	DUP	PCB Group1	30.05	N/A	ritesh	RUPESH	10	E		3
O3645-09	O3645-02MS	PCB Group1	30.06	N/A	ritesh	RUPESH	10	E		4
O3645-10	O3645-02MSD	PCB Group1	30.08	N/A	ritesh	RUPESH	10	E		5
O3646-01	GATE-1	PCB	30.04	N/A	ritesh	RUPESH	10	F		6
O3646-04	YARD-1	PCB	30.07	N/A	ritesh	RUPESH	10	F		U6-1
O3647-01	SAMPLE-1	PCB	30.10	N/A	ritesh	RUPESH	10	E		2
O3648-01	OK-01-071723	PCB	30.01	N/A	ritesh	RUPESH	10	E		3
O3649-01	X182-S5	PCB Group1	30.04	N/A	ritesh	RUPESH	10	E		4
O3649-02	X182-B4	PCB Group1	30.08	N/A	ritesh	RUPESH	10	E		5
O3649-03	X182-S3	PCB Group1	30.05	N/A	ritesh	RUPESH	10	E		6
O3649-04	X182-B3	PCB Group1	30.02	N/A	ritesh	RUPESH	10	E		U7-1
O3649-05	X182-B3-DUP	PCB Group1	30.06	N/A	ritesh	RUPESH	10	E		2
O3649-06	X182-S4	PCB Group1	30.09	N/A	ritesh	RUPESH	10	E		3
O3652-01	TP19	PCB	30.03	N/A	ritesh	RUPESH	10	E		4
O3652-11	TP18	PCB	30.07	N/A	ritesh	RUPESH	10	E		5
O3652-21	TP17	PCB	30.04	N/A	ritesh	RUPESH	10	E		6

* **Extracts relinguished on the same date as received.**

7/19/23

WORKLIST(Hardcopy Internal Chain)

WorkList Name : O3649 **WorkList ID :** 171955 **Department :** Extraction **Date :** 07-18-2023 08:37:20

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O3645-01	SB-02-(3-5)	Solid	PCB Group1	Cool 4 deg C	LABE01	I11	07/12/2023	8082A
O3645-02	SB-04-(1-5)	Solid	PCB Group1	Cool 4 deg C	LABE01	I11	07/12/2023	8082A
O3645-03	SB-07-(1-3)	Solid	PCB Group1	Cool 4 deg C	LABE01	I11	07/13/2023	8082A
O3645-04	SB-08-(10.5-2.0)	Solid	PCB Group1	Cool 4 deg C	LABE01	I11	07/13/2023	8082A
O3645-05	SB-09-(2.0-4.0)	Solid	PCB Group1	Cool 4 deg C	LABE01	I11	07/13/2023	8082A
O3645-06	SB-10-(0.5-2.0)	Solid	PCB Group1	Cool 4 deg C	LABE01	I11	07/13/2023	8082A
O3645-07	DUP	Solid	PCB Group1	Cool 4 deg C	LABE01	I11	07/12/2023	8082A
O3645-09	O3645-02MS	Solid	PCB Group1	Cool 4 deg C	LABE01	I11	07/12/2023	8082A
O3645-10	O3645-02MSD	Solid	PCB Group1	Cool 4 deg C	LABE01	I11	07/12/2023	8082A
O3646-01	GATE-1	Solid	PCB	Cool 4 deg C	PSEG03	I11	07/17/2023	8082A
O3646-04	YARD-1	Solid	PCB	Cool 4 deg C	PSEG03	I11	07/17/2023	8082A
O3647-01	SAMPLE-1	Solid	PCB	Cool 4 deg C	PREM01	I11	07/13/2023	8082A
O3648-01	OK-01-071723	Solid	PCB	Cool 4 deg C	PSEG05	I11	07/17/2023	8082A
O3649-01	X182-S5	Solid	PCB Group1	Cool 4 deg C	ATCE02	I11	07/17/2023	8082A
O3649-02	X182-B4	Solid	PCB Group1	Cool 4 deg C	ATCE02	I11	07/17/2023	8082A
O3649-03	X182-S3	Solid	PCB Group1	Cool 4 deg C	ATCE02	I11	07/17/2023	8082A
O3649-04	X182-B3	Solid	PCB Group1	Cool 4 deg C	ATCE02	I11	07/17/2023	8082A
O3649-05	X182-B3-DUP	Solid	PCB Group1	Cool 4 deg C	ATCE02	I11	07/17/2023	8082A
O3649-06	X182-S4	Solid	PCB Group1	Cool 4 deg C	ATCE02	I11	07/17/2023	8082A
O3652-01	TP19	Solid	PCB	Cool 4 deg C	PSEG03	I11	07/17/2023	8082A
O3652-11	TP18	Solid	PCB	Cool 4 deg C	PSEG03	I11	07/17/2023	8082A

Date/Time 07/18/23 9:05
Raw Sample Received by: RJ (Ext. Lab)
Raw Sample Relinquished by: SM

Date/Time 07/18/23 9:30
Raw Sample Received by: SM
Raw Sample Relinquished by: RJ (Ext. Lab)

WORKLIST(Hardcopy Internal Chain)

WorkList Name : O3649 **WorkList ID :** 171955 **Department :** Extraction **Date :** 07-18-2023 08:37:20

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O3652-21	TP17	Solid	PCB	Cool 4 deg C	PSEG03	I11	07/17/2023	8082A

Date/Time 07/18/23 9:25
Raw Sample Received by: RJ (Ext-Lab)
Raw Sample Relinquished by: SM

Date/Time 07/18/23 9:30
Raw Sample Received by: SM
Raw Sample Relinquished by: RJ (Ext-Lab)

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EXTRACTION LOGPAGE

PB154263

SOP ID:	M3510C,3580A-Extraction PCB-14				
Clean Up SOP #:	Acid Cleanup			**Extraction Start Date :**	07/18/2023
Matrix :	Water			**Extraction Start Time :**	08:50
Weigh By:	N/A	**Extraction By:**	RJ	**Extraction End Date :**	07/18/2023
Balance check:	N/A	**Filter By:**	RP	**Extraction End Time :**	13:30
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	RS
pH Strip Lot#:	E3507	**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	PP22064
Surrogate	1.0ML	200 PPB	PP22138
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	E3543
Baked Na2SO4	N/A	EP2361
Hexane	N/A	E3536
H2SO4 1:1	N/A	EP2316
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:

40ML Vial Lot # 03-40BTS721. O3651-01 Limited volume used as sample is Oily matrix.

KD Bath ID:	WATER BATH-1,2	**Envap ID:**	NE VAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/18/23	RP (Ext. Lab)	Y. P. Patil 7/19
13:35	**Preparation Group**	**Analysis Group**

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EXTRACTION LOGPAGE

PrepBatch ID : PB154263

Analytical Method: M3510C,3580A-Extraction PCB-14 **Concentration Date:** 07/18/2023

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB154263BL	ABLK263	PCB	1000	6	rajesh	ritesh	10			SEP-01
PB154263BS	ALCS263	PCB	1000	6	rajesh	ritesh	10			2
PB154263BSD	ALCSD263	PCB	1000	6	rajesh	ritesh	10			3
O3637-01	A508	PCB	1000	6	rajesh	ritesh	10	K		4
O3645-08	RINSATE-BLANK	PCB Group1	1000	6	rajesh	ritesh	10	D		5
O3651-01	NWB-1925	PCB	100	6	rajesh	ritesh	10	B		6

* **Extracts relinguished on the same date as received.**

7/19/23

O3637 O3645 PCB Group1

WORKLIST(Hardcopy Internal Chain)

WorkList Name : O3637 **WorkList ID :** 171962 **Department :** Extraction **Date :** 07-18-2023 08:48:32

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O3637-01	A508	Water	EPH	1:1 HCl to pH < 2	PSEG03	I11	07/14/2023	NJEPH
O3637-01	A508	Water	Herbicide	Cool 4 deg C	PSEG03	I11	07/14/2023	8151A
O3637-01	A508	Water	PCB	Cool 4 deg C	PSEG03	I11	07/14/2023	8082A
O3637-01	A508	Water	Pesticide-TCL	Cool 4 deg C	PSEG03	I11	07/14/2023	8081B
O3642-02	EFF-WW	Water	SVOCMS Group1	Cool 4 deg C	ARDM01	D11	07/14/2023	625.1
O3645-08	RINSATE-BLANK	Water	PCB Group1	Cool 4 deg C	LABE01	I11	07/12/2023	8082A
O3651-01	NWB-1925	Water	PCB	Cool 4 deg C	PSEG03	I11	07/17/2023	8082A

442 of 532

Date/Time 07/19/23 8:45
Raw Sample Received by: RP (Eur lab)
Raw Sample Relinquished by: JM

Date/Time 07/18/23 8:00
Raw Sample Received by: JM
Raw Sample Relinquished by: RP (Eur lab)

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Prep Standard - Chemical Standard Summary

Order ID : O3645

Test : PCB Group1

Prepbatch ID : PB154254,PB154263,

Sequence ID/Qc Batch ID: PQ071823,

Standard ID :
EP2316,EP2350,EP2361,PP22064,PP22138,PP22206,PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP222
13,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225
,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,
PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246,PP22247,PP22248,PP22249,
PP22250,PP22251,PP22252,PP22253,PP22254,PP22255,PP22256,PP22257,PP22258,PP22259,PP22260,PP22261,
PP22262,PP22263,

Chemical ID :
E2865,E3412,E3465,E3519,E3520,E3534,E3536,E3543,M5211,P10102,P10155,P10480,P10495,P10497,P10792,P1104
9,P11054,P11373,P11494,P11504,P11509,P11516,P11518,P11578,P11584,P11594,P11739,P12202,

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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	EP2316	03/29/2023	09/29/2023	Rajesh Parikh	None	None	RUPESHKUMAR SHAH 03/29/2023

FROM 1000.00000ml of M5211 = Final Quantity: 2000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
230	1:1ACETONE/HEXANE	EP2350	06/17/2023	12/16/2023	Rajesh Parikh	None	None	RUPESHKUMAR SHAH 06/17/2023

FROM 8000.00000ml of E3519 + 8000.00000ml of E3520 = Final Quantity: 8000.000 ml

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Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3923	Baked Sodium Sulfate	EP2361	07/17/2023	10/23/2023	Rajesh Parikh	Extraction_SCALE_2 (EX-SC-2)	None	RUPESHKUMAR SHAH 07/17/2023

FROM 4000.00000gram of E3412 = Final Quantity: 4000.000 gram

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3857	5000 PPB PCB SPIKE SOLUTION 2ND SOURCE	PP22064	05/26/2023	11/10/2023	Abdul Mirza	None	None	Ankita Jodhani 05/26/2023

FROM 0.50000ml of P11373 + 99.50000ml of E3465 = 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
465	200 PPB Pest/PCB Surrogate Spike	PP22138	06/20/2023	12/16/2023	Ankita Jodhani	None	None	Yogesh Patel 06/20/2023

FROM 1.00000ml of P10792 + 999.00000ml of E3519 = Final Quantity: 1000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
84	Pest/PCB Surrogate Stock 20 PPM	PP22206	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 1.00000ml of P11739 + 9.00000ml of E3520 = 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
202	AR1660 1000/100 ppb working solution 1st source	PP22207	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.10000ml of P10480 + 99.40000ml of E3520 + 0.50000ml of PP22206 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
203	AR1660 750 PPB STD	PP22208	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.25000ml of E3520 + 0.75000ml of PP22207 = 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
204	AR1660 500 PPB STD	PP22209	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.50000ml of E3520 + 0.50000ml of PP22207 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
205	AR1660 250 PPB STD	PP22210	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.75000ml of E3520 + 0.25000ml of PP22207 = 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
206	AR1660 50 PPB STD	PP22211	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.90000ml of E3520 + 0.10000ml of PP22209 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
213	AR1221 1000 PPB WORKING SOLUTION	PP22212	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.10000ml of P11578 + 99.40000ml of E3520 + 0.50000ml of PP22206 = 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
1079	AR1221 750 PPB STD	PP22213	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.25000ml of E3520 + 0.75000ml of PP22212 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
222	AR1221 500 PPB STD	PP22214	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.50000ml of E3520 + 0.50000ml of PP22212 = 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
1080	AR1221 250 PPB STD	PP22215	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.75000ml of E3520 + 0.25000ml of PP22212 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1081	AR1221 50 PPB STD	PP22216	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.90000ml of E3520 + 0.10000ml of PP22214 = 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
214	AR1232 1000 PPB WORKING SOLUTION	PP22217	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.10000ml of P11584 + 99.40000ml of E3520 + 0.50000ml of PP22206 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1063	AR1232 750 PPB STD	PP22218	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.25000ml of E3520 + 0.75000ml of PP22217 = 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
223	AR1232 500 PPB STD	PP22219	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.50000ml of E3520 + 0.50000ml of PP22217 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1064	AR1232 250 PPB STD	PP22220	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.75000ml of E3520 + 0.25000ml of PP22217 = 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
1065	AR1232 50 PPB STD	PP22221	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.90000ml of E3520 + 0.10000ml of PP22219 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
215	AR1242 1000 PPB WORKING STD	PP22222	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.10000ml of P11049 + 99.40000ml of E3520 + 0.50000ml of PP22206 = 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
1067	AR1242 750 PPB STD	PP22223	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.25000ml of E3520 + 0.75000ml of PP22222 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
224	AR1242 500 PPB STD	PP22224	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.50000ml of E3520 + 0.50000ml of PP22222 = 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
1068	AR1242 250 PPB STD	PP22225	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.75000ml of E3520 + 0.25000ml of PP22222 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1069	AR1242 50 PPB STD	PP22226	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.90000ml of E3520 + 0.10000ml of PP22224 = 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
216	AR1248 1000 PPB WORKING STD	PP22227	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.10000ml of P11054 + 99.40000ml of E3520 + 0.50000ml of PP22206 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1075	AR1248 750 PPB STD	PP22228	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.25000ml of E3520 + 0.75000ml of PP22227 = 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
225	AR1248 500 PPB STD	PP22229	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.50000ml of E3520 + 0.50000ml of PP22227 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1076	AR1248 250 PPB STD	PP22230	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.75000ml of E3520 + 0.25000ml of PP22227 = 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
1077	AR1248 50 PPB STD	PP22231	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.90000ml of E3520 + 0.10000ml of PP22229 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
217	AR1254 1000 PPB WORKING STD	PP22232	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.10000ml of P10495 + 99.40000ml of E3520 + 0.50000ml of PP22206 = 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
1071	AR1254 750 PPB STD	PP22233	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.25000ml of E3520 + 0.75000ml of PP22232 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
226	AR1254 500 PPB STD	PP22234	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.50000ml of E3520 + 0.50000ml of PP22232 = 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
1072	AR1254 250 PPB STD	PP22235	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.75000ml of E3520 + 0.25000ml of PP22232 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1073	AR1254 50 PPB STD	PP22236	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.90000ml of E3520 + 0.10000ml of PP22234 = 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
1529	AR1262 1000 PPB Working Solution	PP22237	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.10000ml of P10497 + 99.40000ml of E3520 + 0.50000ml of PP22206 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3753	AR1262 750 PPB STD	PP22238	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.25000ml of E3520 + 0.75000ml of PP22237 = 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
1530	AR1262 500 PPB STD	PP22239	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.50000ml of E3520 + 0.50000ml of PP22237 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3754	AR1262 250 PPB STD	PP22240	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.75000ml of E3520 + 0.25000ml of PP22237 = 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
3755	AR1262 50 PPB STD	PP22241	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.90000ml of E3520 + 0.10000ml of PP22239 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1532	AR1268 1000 PPB Working Solution	PP22242	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.10000ml of P11594 + 99.40000ml of E3520 + 0.50000ml of PP22206 = 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
3820	AR1268 750 PPB STD	PP22243	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.25000ml of E3520 + 0.75000ml of PP22242 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1533	AR1268 500 PPB STD	PP22244	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.50000ml of E3520 + 0.50000ml of PP22242 = 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
3821	AR1268 250 PPB STD	PP22245	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.75000ml of E3520 + 0.25000ml of PP22242 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3822	AR1268 50 PPB STD	PP22246	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.90000ml of E3520 + 0.10000ml of PP22244 = 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
404	AR1660 100 PPM Stock Solution 2nd Source	PP22247	06/30/2023	12/29/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 1.00000ml of P12202 + 9.00000ml of E3534 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
405	AR1660 1000/100 PPB ICV STD	PP22248	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 49.25000ml of E3520 + 0.25000ml of PP22206 + 0.50000ml of PP22247 = Final Quantity: 50.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
406	AR1660 500 PPB ICV	PP22249	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.50000ml of E3520 + 0.50000ml of PP22248 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3789	AR1221 1000 PPB WORKING SOL.2ND SOURCE(AGILENT)	PP22250	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 1.00000ml of P11494 + 98.50000ml of E3520 + 0.50000ml of PP22206 = 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)	PP22251	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.50000ml of E3520 + 0.50000ml of PP22250 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1887	AR1232 1000 PPB Working Sol. 2nd Source	PP22252	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 1.00000ml of P10102 + 98.50000ml of E3520 + 0.50000ml of PP22206 = 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
1888	AR1232 500 PPB ICV	PP22253	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.50000ml of E3520 + 0.50000ml of PP22252 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1889	AR1242 1000 PPB Working Sol. 2nd Source	PP22254	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 1.00000ml of P11504 + 98.50000ml of E3520 + 0.50000ml of PP22206 = 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
1891	AR1242 500 PPB ICV	PP22255	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.50000ml of E3520 + 0.50000ml of PP22254 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1890	AR1248 1000 PPB Working Sol. 2nd Source	PP22256	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 1.00000ml of P11509 + 98.50000ml of E3520 + 0.50000ml of PP22206 = 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
1892	AR1248 500 PPB ICV	PP22257	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.50000ml of E3520 + 0.50000ml of PP22256 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1893	AR1254 1000 PPB Working Sol. 2nd Source	PP22258	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 1.00000ml of P11516 + 98.50000ml of E3520 + 0.50000ml of PP22206 = 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
1894	AR1254 500 PPB ICV	PP22259	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.50000ml of E3520 + 0.50000ml of PP22258 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3757	AR1262 1000 PPB Working Solution second source	PP22260	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 1.00000ml of P10155 + 98.50000ml of E3520 + 0.50000ml of PP22206 = 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
3758	AR1262 500 PPB STD ICV	PP22261	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.50000ml of E3520 + 0.50000ml of PP22260 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3817	AR1268 1000 ppb Working Soln. 2nd source	PP22262	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 1.00000ml of P11518 + 98.50000ml of E3520 + 0.50000ml of PP22206 = 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
3823	AR1268 500 PPB STD ICV	PP22263	06/30/2023	12/17/2023	Ankita Jodhani	None	None	Yogesh Patel 07/05/2023

FROM 0.50000ml of E3520 + 0.50000ml of PP22262 = Final Quantity: 1.000 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 #
Seidler Chemical	BA-3382-05 / Sand, Purified (cs/4x2.5kg)	0000243821	12/31/2024	04/30/2020 / RAJESH	04/28/2020 / RAJESH	E2865

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	139404	10/23/2023	10/18/2022 / Rajesh	10/13/2022 / Rajesh	E3412

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	9005-05 / Acetone Ultra (cs/4x4L)	22J2461015	11/30/2023	02/21/2023 / Rajesh	02/15/2023 / Rajesh	E3465

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)	22E1562001	12/16/2023	06/17/2023 / Rajesh	06/15/2023 / Rajesh	E3519

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)	23C2462011	01/19/2024	06/17/2023 / Rajesh	06/15/2023 / Rajesh	E3520

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)	12/18/2025	12/29/2023	06/29/2023 / Rajesh	06/29/2023 / Rajesh	E3534

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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)	23C2462011	01/13/2024	07/13/2023 / Rajesh	07/05/2023 / Rajesh	E3536

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)	23F1262016	01/12/2024	07/12/2023 / Rajesh	07/12/2023 / Rajesh	E3543

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)	22D0862014	01/20/2025	08/22/2022 /	04/26/2022 / mohan	M5211

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-302-1 / Aroclor 1232	CF-2197A	12/30/2023	06/30/2023 / Ankita	12/03/2020 / Abdul	P10102

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-372-1 / Aroclor 1262	0006499800	12/30/2023	06/30/2023 / Ankita	01/12/2021 / Abdul	P10155

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	12/30/2023	06/30/2023 / Ankita	03/19/2021 / Abdul	P10480

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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	A0160220	12/30/2023	06/30/2023 / Ankita	03/19/2021 / Abdul	P10495

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	12/30/2023	06/30/2023 / Ankita	03/19/2021 / Ankita	P10497

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	A0172332	12/20/2023	06/20/2023 / Ankita	06/17/2021 / dhaval	P10792

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	A0167551	12/30/2023	06/30/2023 / Ankita	09/03/2021 / Abdul	P11049

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	A0162497	12/30/2023	06/30/2023 / Ankita	09/03/2021 / Abdul	P11054

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	033121	11/26/2023	05/26/2023 / Abdul	02/03/2022 / yogesh	P11373

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-292-1 / Aroclor 1221	0006535333	12/30/2023	06/30/2023 / Ankita	02/21/2022 / Ankita	P11494

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-312-1 / Aroclor 1242	0006665550	12/30/2023	06/30/2023 / Ankita	02/21/2022 / Ankita	P11504

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-342-1 / Aroclor 1248	0006626997	12/30/2023	06/30/2023 / Ankita	02/21/2022 / Ankita	P11509

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-352-1 / Aroclor 1254	CS-2321	12/30/2023	06/30/2023 / Ankita	02/21/2022 / Ankita	P11516

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-382-1 / Aroclor 1268	0006587800	12/30/2023	06/30/2023 / Ankita	02/21/2022 / Ankita	P11518

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	12/30/2023	06/30/2023 / Ankita	03/18/2022 / Abdul	P11578

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CHEMICAL RECEIPT LOG BOOK

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	12/30/2023	06/30/2023 / Ankita	03/18/2022 / Abdul	P11584

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	12/30/2023	06/30/2023 / Ankita	03/18/2022 / Abdul	P11594

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	A0179404	12/30/2023	06/30/2023 / Ankita	05/27/2022 / Sohil	P11739

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	033121	12/30/2023	06/30/2023 / Ankita	11/16/2022 / Ankita	P12202

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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 Rentas	033121
Reviewed By: Pedro L. Rentas	DATE

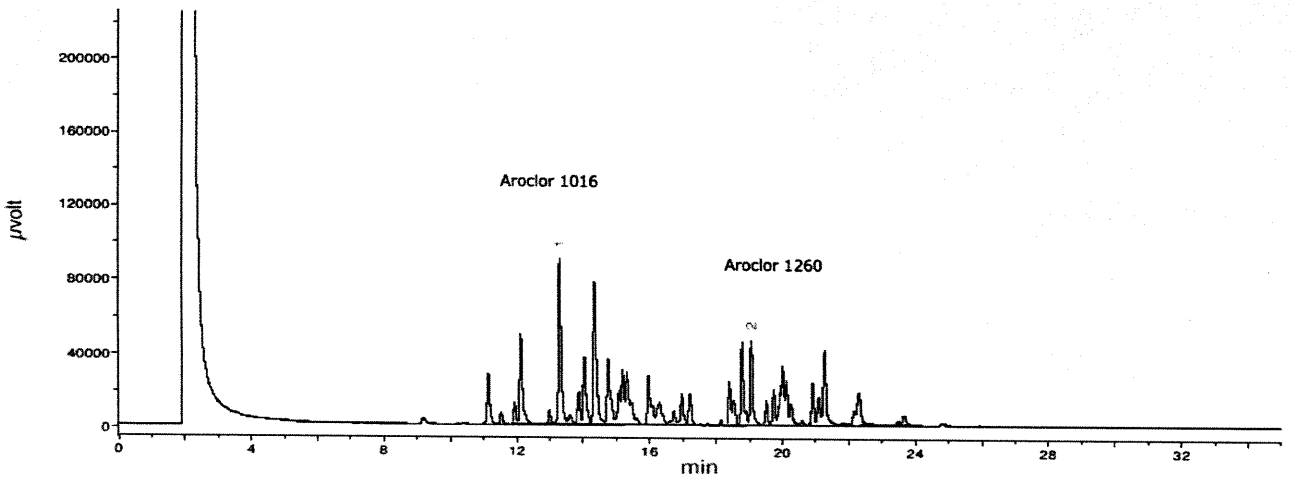
Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1016	15	020491JC	1000	100	0.2	0.20007	0.20025	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).

P 11364
↓
P 11373

Y.P.
02/03/22

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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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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.

DD
06/17/2021

Catalog No. : 32000 **Lot No.:** A0172332

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

P10783
To
P10792
(10)

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2027 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	2,4,5,6-Tetrachloro-m-xylene **CAS #** 877-09-8 (Lot 0052481) **Purity** 98%	200.7 µg/mL	+/- 1.1840 µg/mL +/- 6.3622 µg/mL +/- 8.3106 µg/mL	Gravimetric Unstressed Stressed
2	Decachlorobiphenyl (BZ# 209) **CAS #** 2051-24-3 (Lot 30679) **Purity** 99%	200.2 µg/mL	+/- 1.1810 µg/mL +/- 6.3463 µg/mL +/- 8.2897 µg/mL	Gravimetric Unstressed Stressed

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

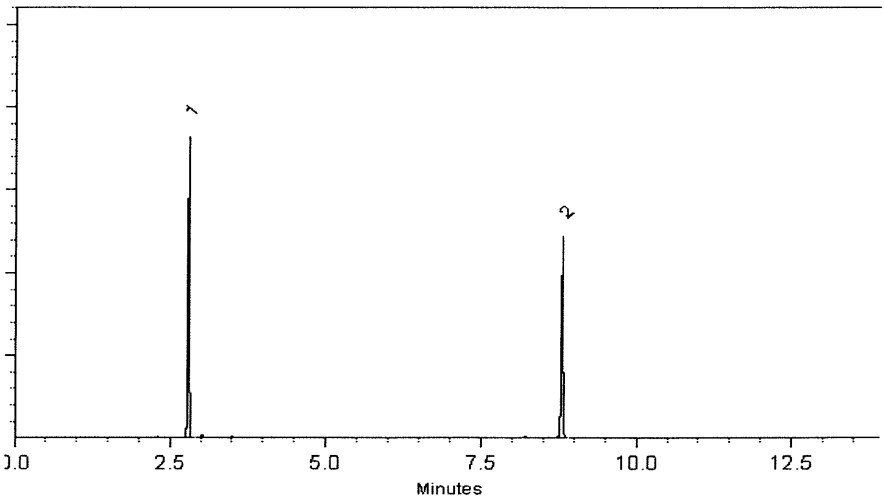
Carrier Gas:
helium-constant pressure 20 psi.

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

Alexis Shelow - Operations Tech I

Date Mixed: 12-May-2021 **Balance:** B707717271

Date Passed: 14-May-2021

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

Sand
Purified
Washed and Ignited

avantor™ | J.T.Baker®

Material No.: 3382-05
Batch No.: 0000243821
Manufactured Date: 2018/04/09
Retest Date: 2025/04/07
Revision No: 1

Certificate of Analysis

Test	Specification	Result
Substances Soluble in HCl	<= 0.16 %	0.01

For Laboratory, Research or Manufacturing Use
Meets Reagent Specifications for testing USP/NF monographs

Country of Origin: US
Packaging Site: Paris Mfg Ctr & DC

E 2865

James T 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
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

PRODUCTOS QUIMICOS MONTERREY, S.A. DE C.V.

ALLAN CHEMICAL CORPORATION
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WWW.ALLANCHEM.COM

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MONTERREY, N.L. MÉXICO
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:**	**OCT/28/2021**
LOT NUMBER :	**139404**		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na_2SO_4)	Min. 99.0%	99.8 %
pH of a 5% solution at 25ºC	5.2 - 9.2	6.0
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%	0.002 %
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%	0.2 %
Retained on US Standard No. 60 sieve	Min. 94%	97.6 %
Through US Standard No. 60 sieve	Max. 5%	2.1 %
Through US Standard No. 100 sieve	Max. 10%	0.2 %

COMMENTS

QC: PhC Irma Belmares

If you need further details, please call our factory or contact our local distributor.

RE-02-01, Ed. 3

E 3412

Recd. by RP on 10/13/22

Acetone
CMOS

avantor™ | J.T.Baker®

Material No.: 9005-05
Batch No.: 22J2461015
Manufactured Date: 2022-10-20
Retest Date: 2027-10-19
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected for water)	≥ 99.5 %	99.7 %
Color (APHA)	≤ 10	< 5
Residue after Evaporation	≤ 5 ppm	< 1 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.1
Titrable Base (µeq/g)	≤ 0.5	0.1
Water (H_2O)	≤ 0.5 %	0.2 %
Solubility in H_2O	Passes Test	Passes Test
Chloride (Cl)	≤ 0.2 ppm	< 0.2 ppm
Phosphate (PO_4)	≤ 0.05 ppm	< 0.05 ppm
Trace Impurities - Aluminum (Al)	≤ 50.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 5.0 ppb
Trace Impurities - Barium (Ba)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Cadmium (Cd)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Calcium (Ca)	≤ 25.0 ppb	3.4 ppb
Trace Impurities - Chromium (Cr)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Germanium (Ge)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities - Gold (Au)	≤ 20 ppb	< 5 ppb
Trace Impurities - Iron (Fe)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities - Lead (Pb)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities - Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities - Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb

>>> Continued on page 2 >>>

E 3465
Recd. by RP on 2/15/23

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

Acetone
CMOS

avantor™ | J.T.Baker®

Material No.: 9005-05
Batch No.: 22J2461015

Test	Specification	Result
Trace Impurities - Molybdenum (Mo)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Nickel (Ni)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities - Potassium (K)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities - Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities - Silver (Ag)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Sodium (Na)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Strontium (Sr)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Tantalum (Ta)	≤ 50.0 ppb	< 5.0 ppb
Trace Impurities - Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Zinc (Zn)	≤ 20.0 ppb	1.8 ppb
Trace Impurities - Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count - 0.5 µm and greater (Rion KS42AF)	≤ 100 par/ml	15 par/ml
Particle Count - 1.0 µm and greater (Rion KS42AF)	≤ 8 par/ml	4 par/ml

>>> Continued on page 3 >>>

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
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Acetone
CMOS

avantor™ | J.T.Baker®

Material No.: 9005-05
Batch No.: 22J2461015

Test	Specification	Result

For Microelectronic Use

Country of Origin: USA
Packaging Site: Paris Mfg Ctr & DC

James T 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

Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone 610.386.1700

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker®

Material No.: 9254-03
Batch No.: 22E1562001
Manufactured Date: 2022-05-03
Expiration Date: 2025-05-02
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected for water)	≥ 99.4 %	99.8 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	< 1.0 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 %	0.1 %
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 6/13/23

E3519

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
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone 610.386.1700

Hexanes (95% n-hexane)
BAKER RESI-ANALYZED® Reagent

avantor™ | J.T.Baker®

Material No.: 9262-03
Batch No.: 23C2462011
Manufactured Date: 2023-03-10
Expiration Date: 2024-06-08
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 %	97 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.3 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 6/15/23

E 3520

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
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone 610.386.1700

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 RS on 6/29/23

E 3534

James T 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
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone 610.386.1700

Hexanes (95% n-hexane)
BAKER RESI-ANALYZED® Reagent

avantor™ | J.T.Baker®

Material No.: 9262-03
Batch No.: 23C2462011
Manufactured Date: 2023-03-10
Expiration Date: 2024-06-08
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 %	97 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.3 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

Rec'd by RP on 7/5/23

E3536

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
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone 610.386.1700

PO: 230629-01 PRODUCT CODE: SHIP DATE: 7/12/2023

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor™ | J.T.Baker

Material No.: 9266-A4
Batch No.: 23F1262016
Manufactured Date: 2023-05-17
Expiration Date: 2024-08-15
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	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	< 1.0 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: MG23E17953

E 3543

Ken Koehnlein
Sr. Manager, Quality Assurance

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

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

M5210 - M5217
MB

avantor™ | J.T.Baker®

Material No.: 9673-33
Batch No.: 22D0862014
Manufactured Date: 2022-02-23
Retest Date: 2027-02-22
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS - Assay (H_2SO_4)	95.0 - 98.0 %	96.5 %
Appearance	Passes Test	Passes Test
ACS - Color (APHA)	≤ 10	5
ACS - Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS - Substances Reducing Permanganate (as SO2)	≤ 2 ppm	< 2 ppm
Ammonium (NH_4)	≤ 1 ppm	< 1 ppm
Chloride (Cl)	≤ 0.1 ppm	< 0.1 ppm
Nitrate (NO_3)	≤ 0.2 ppm	< 0.1 ppm
Phosphate (PO_4)	≤ 0.5 ppm	< 0.1 ppm
Trace Impurities - Aluminum (Al)	≤ 30.0 ppb	1.7 ppb
Arsenic and Antimony (as As)	≤ 4.0 ppb	< 2.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Cadmium (Cd)	≤ 2.0 ppb	< 0.3 ppb
Trace Impurities - Chromium (Cr)	≤ 6.0 ppb	< 0.4 ppb
Trace Impurities - Cobalt (Co)	≤ 0.5 ppb	< 0.3 ppb
Trace Impurities - Copper (Cu)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities - Gold (Au)	≤ 10.0 ppb	< 0.2 ppb
Heavy Metals (as Pb)	≤ 500.0 ppb	< 100.0 ppb
Trace Impurities - Iron (Fe)	≤ 50.0 ppb	2.0 ppb
Trace Impurities - Lead (Pb)	≤ 0.5 ppb	< 0.5 ppb
Trace Impurities - Magnesium (Mg)	≤ 7.0 ppb	0.6 ppb
Trace Impurities - Manganese (Mn)	≤ 1.0 ppb	< 0.4 ppb
Trace Impurities - Mercury (Hg)	≤ 0.5 ppb	< 0.1 ppb
Trace Impurities - Nickel (Ni)	≤ 2.0 ppb	< 0.3 ppb
Trace Impurities - Potassium (K)	≤ 500.0 ppb	< 2.0 ppb
Trace Impurities - Selenium (Se)	≤ 50.0 ppb	12.1 ppb
Trace Impurities - Silicon (Si)	≤ 100.0 ppb	4.4 ppb
Trace Impurities - Silver (Ag)	≤ 1.0 ppb	< 0.3 ppb

>>> Continued on page 2 >>>

For questions on this Certificate of Analysis please contact Technical Services at 855 282 6867 or +1 610 385 4700

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

avantor™ | J.T.Baker®

Material No.: 9673-33
Batch No.: 22D0862014

Test	Specification	Result
Trace Impurities - Sodium (Na)	≤ 500.0 ppb	6.2 ppb
Trace Impurities - Strontium (Sr)	≤ 5.0 ppb	< 0.2 ppb
Trace Impurities - Tin (Sn)	≤ 5.0 ppb	< 0.8 ppb
Trace Impurities - Zinc (Zn)	≤ 5.0 ppb	0.6 ppb

For Laboratory,Research,or Manufacturing Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

James T Ethier

Jamie Ethier
Vice President Global Quality

Agilent

Certificate of Analysis
ISO 17034

Aroclor 1232 Standard

Product Number: PP-302-1 **Page:** 1 of 1

Lot Number: CF-2197A **Lot Issue Date:** 05-Jul-2016 **Expiration Date:** 31-Aug-2023

This ISO 17034 Reference Material (RM) was manufactured and verified in accordance with Agilent's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
Aroclor 1232	011141-16-5	NT01717	100.4 ± 0.5 µg/mL

Matrix: isooctane (2,2,4-trimethylpentane)

Storage: Store at Room Temperature (15° to 30°C).

Agilent uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

Monica Bourgeois
QMS Representative

P10098 & P10102
AR 12/03/20

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

Produced in accordance with TUV USA Inc 56 100 18560026 registered ISO 9001 Quality Management System

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY
ISO17025 Cert No. AT-1937

Agilent

Certificate of Analysis
ISO 17034

Aroclor 1262 Standard

Product Number: PP-372-1 **Page:** 1 of 1

Lot Number: 0006499800 **Lot Issue Date:** 04-Nov-2019 **Expiration Date:** 30-Nov-2023

This ISO 17034 Reference Material (RM) was manufactured and verified in accordance with Agilent Technologies ISO 9001 registered quality system. A review of the gravimetric preparation data by our ISO 17025 accredited laboratory serves to verify the concentration of each analyte. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
Aroclor 1262	037324-23-5	RM14263	100.0 ± 0.5 µg/mL

Matrix: isooctane (2,2,4-trimethylpentane)

Storage: Store at Room Temperature (15° to 30°C).

Agilent uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

Monica Bourgeois
QMS Representative

P10151
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P10155

AR
01/12/2021

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

Produced in accordance with TUV USA Inc 56 100 18560026 registered ISO 9001 Quality Management System

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY
ISO 17025 Cert No. AT-1937

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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.

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%

P 10476
&
P 10480

AR
02/19/21

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

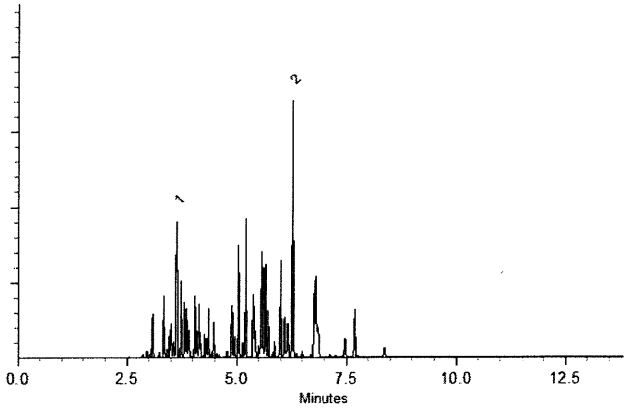
Carrier Gas:
helium-constant pressure 20 psi.

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

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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.

Catalog No. : 32011 **Lot No.:** A0160220

Description : Aroclor® 1254 Standard

Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 25°C nominal

Handling: This product contains PCBs.

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Aroclor 1254	1,005.0 µg/mL	+/- 5.9694	µg/mL	Gravimetric
	CAS # 11097-69-1 (Lot 124-191-B)		+/- 31.8658	µg/mL	Unstressed
	Purity ----%		+/- 41.6201	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P104491
↓
P104495
AR
03/19/21

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

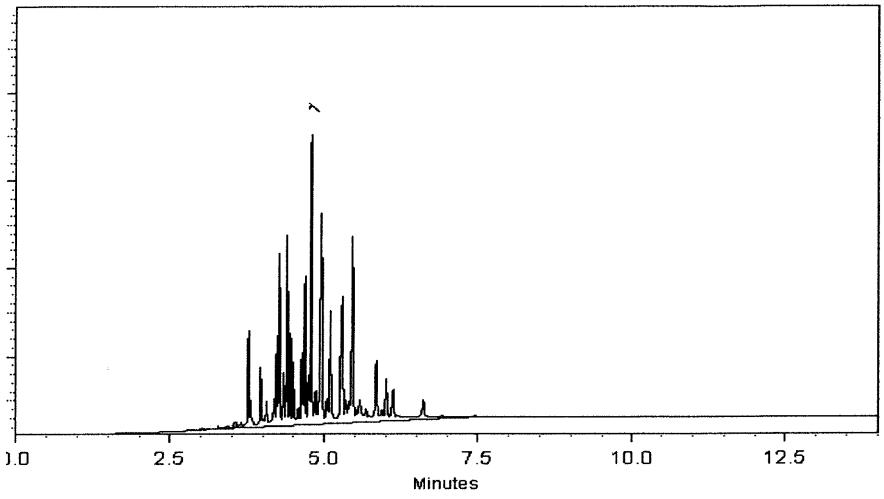
Carrier Gas:
helium-constant pressure 20 psi.

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.

Kylie Struble - Operations Technician I

Date Mixed: 22-Apr-2020 **Balance:** 1128360905

Jennifer Pollino - Operations Tech-ARM QC

Date Passed: 28-Apr-2020

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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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. : 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)

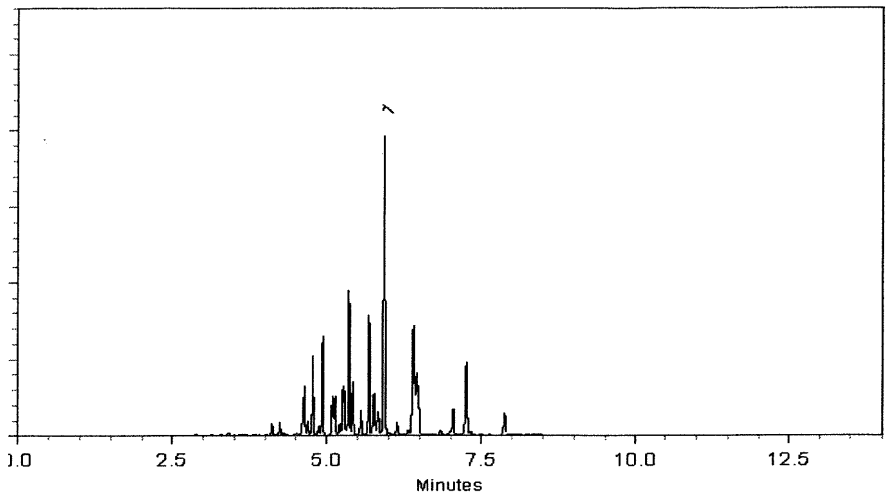
Carrier Gas:
helium-constant pressure 20 psi.

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

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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.

P11046 To P11050
AR 09/9/2021

Catalog No. : 32009 **Lot No.:** A0167551

Description : Aroclor® 1242 Standard

Aroclor® 1242 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 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 1242	1,006.0 µg/mL	+/- 5.9753	µg/mL	Gravimetric
	CAS # 53469-21-9 (Lot 01141-A)		+/- 31.8975	µg/mL	Unstressed
	Purity ----%		+/- 41.6615	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

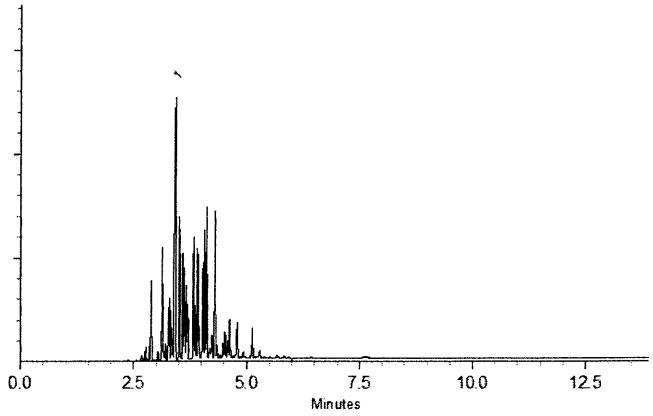
Carrier Gas:
helium-constant pressure 20 psi.

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: 28-Dec-2020 **Balance:** B707717271

Justine Albertson - Operations Tech-ARM QC

Date Passed: 30-Dec-2020

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P11046
↓
P11056

AR
09/9/2021

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ilac-MRA

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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. : 32010 **Lot No.:** A0162497

Description : Aroclor® 1248 Standard

Aroclor® 1248 Standard 1,000µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2026 **Storage:** 25°C nominal

Handling: This product contains PCBs.

P11051 TO P11055 AR 09/9/2021

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Aroclor 1248 (Lot 9303900) **CAS #** 12672-29-6 **Purity** ----%	1,006.0 µg/mL	+/- 5.9753 µg/mL +/- 31.8975 µg/mL +/- 41.6615 µg/mL		Gravimetric Unstressed Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

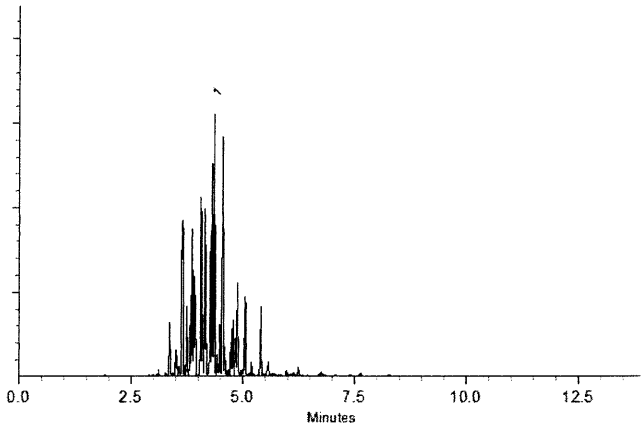
Carrier Gas:
helium-constant pressure 20 psi.

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.

Kylie Struble - Operations Technician I

Date Mixed: 13-Jul-2020 **Balance:** 1128360905

Justine Albertson - Operations Tech-ARM QC

Date Passed: 16-Jul-2020

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P11051
↓
P11055

AR 9/9/2021

AJ
02/21/22

P11493
↓
P11497

Agilent

Certificate of Analysis

Product Name: Aroclor 1221 Standard

Product Number: PP-292-1

Lot Issue Date: 28-Apr-2020

Lot Number: 0006535333

Expiration Date: 31-May-2024

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 1221	011104-28-2	RM04278	100.2 ± 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:

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

www.agilent.com/quality/
CSD-QA-015.1

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ISO 17034

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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

CSD-QA-015.1

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

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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

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ISO 17025 Cert
No. AT-1937

Certificate of Analysis

Agilent

Aroclor 1254 Solution

Product Number: PP-352 **Page:** 1 of 1

Lot Number: CS-2321 **Lot Issue Date:** 04-May-2018 **Expiration Date:** 31-May-2026

This ISO Guide 34 Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
Aroclor 1254	011097-69-1	RM00922	100.4 ± 0.5 µg/mL

Matrix: isooctane (2,2,4-trimethylpentane)

Storage: Store at Room Temperature (15° to 30°C).

P11513 → P11517

AJ 02/21/22

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY

ISO 9001
Registered
TUV USA, Inc.

John Russo
President

Monica Bourgeois
Director of QA/RA

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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CSD-QA-015.1

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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. : 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 ↓ P 11582 (S)

AR 04/30/22

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

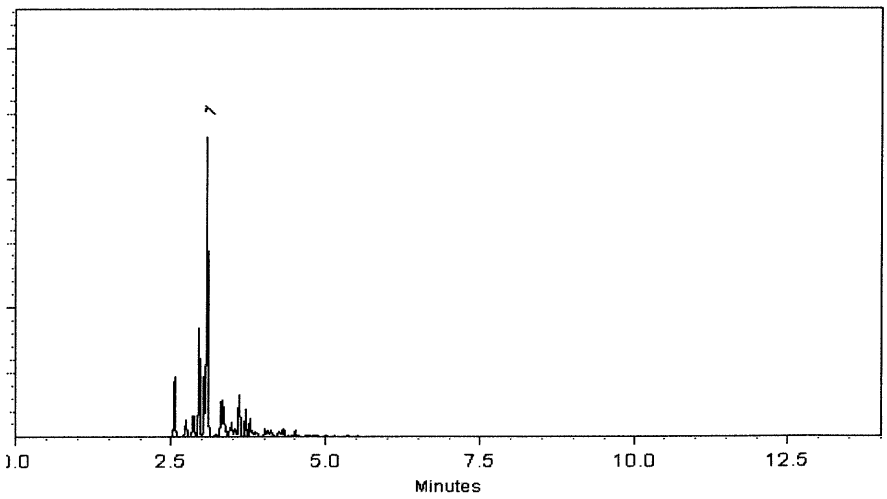
Carrier Gas:
helium-constant pressure 20 psi.

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: 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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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. : 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)

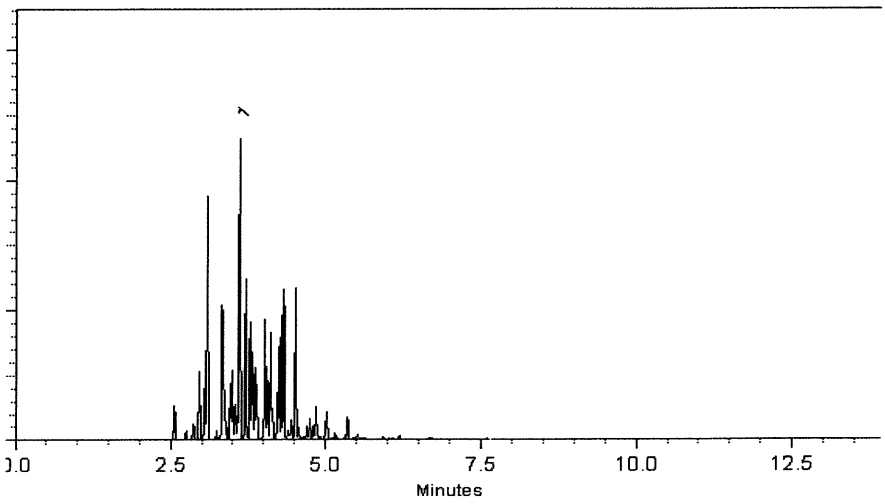
Carrier Gas:
helium-constant pressure 20 psi.

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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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)

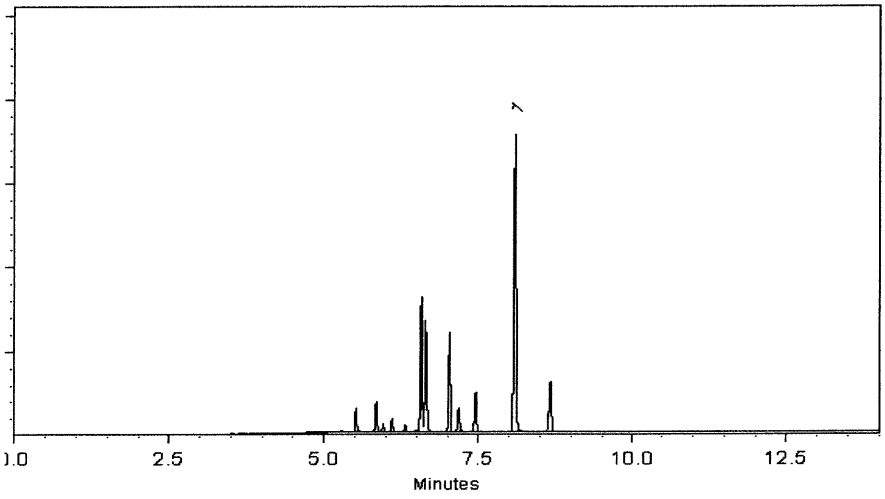
Carrier Gas:
helium-constant pressure 20 psi.

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

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

Certificate of Analysis

P11739 to P11748

Received by SJ 5/27/2022

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. : 32000 **Lot No.:** A0179404

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2028 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	2,4,5,6-Tetrachloro-m-xylene	200.7 µg/mL	+/- 1.1840 µg/mL	Gravimetric
	CAS # 877-09-8 (Lot 0052481)		+/- 6.3622 µg/mL	Unstressed
	Purity 98%		+/- 8.3106 µg/mL	Stressed
2	Decachlorobiphenyl (BZ# 209)	200.8 µg/mL	+/- 1.1845 µg/mL	Gravimetric
	CAS # 2051-24-3 (Lot 30679)		+/- 6.3653 µg/mL	Unstressed
	Purity 99%		+/- 8.3146 µg/mL	Stressed

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

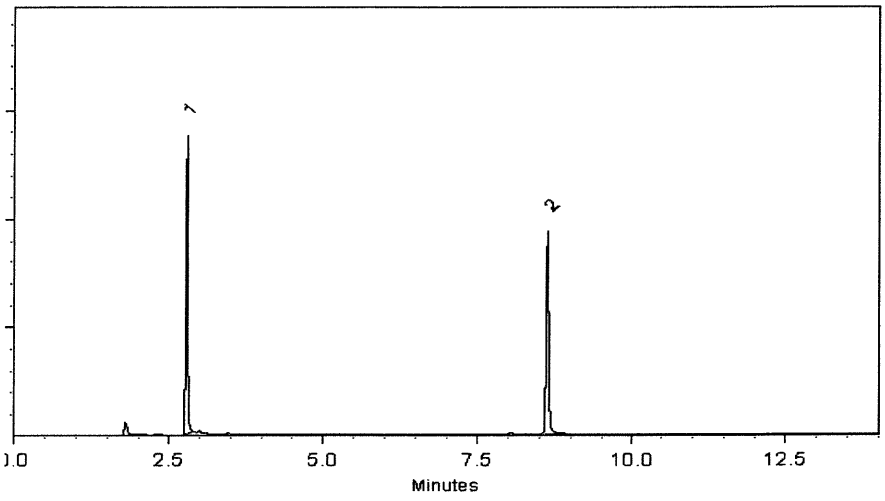
Carrier Gas:
helium-constant pressure 20 psi.

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.

Matt Fragassi - Mix Technician

Date Mixed: 09-Dec-2021 **Balance:** 1127510105

Clara Windle - Operations Technician I

Date Passed: 14-Dec-2021

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified combined stressed uncertainty value (includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

Label Conditions	Standard Conditions	Non-Standard Conditions
25°C Nominal (Room Temperature)	< 60°C	≥ 60°C up to 7 days
10°C or colder (Refrigerate)	< 40°C	≥ 40°C up to 7 days
0°C or colder (Freezer) -20°C or colder (Deep Freezer)	< 25°C	≥ 25°C up to 7 days

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

O3645-PCB Group1

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

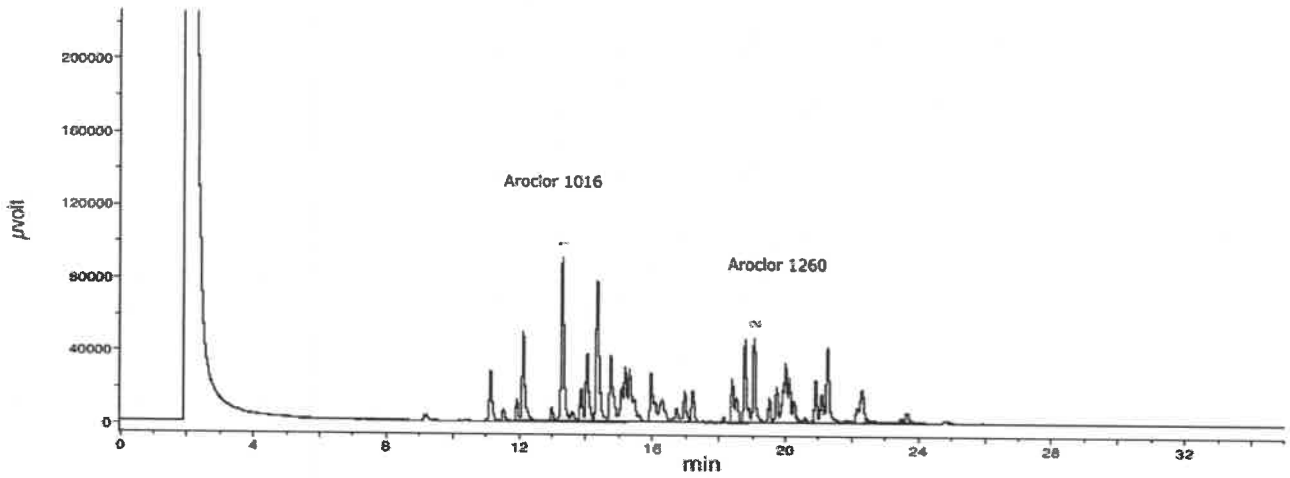
Weight(s) shown below were combined and diluted to (mL): 200.1 0.058 Flask Uncertainty

Formulated By:	Prashant Chauhan	033121 DATE
Reviewed By:	Pedro L. Rentas	033121 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

525 of 532

SHIPPING DOCUMENTS

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO. QUOTE NO. 03645
COC Number 2040304

CLIENT INFORMATION
REPORT TO BE SENT TO:
COMPANY: LaBella Associates
ADDRESS: 300 Pearl Street
CITY Buffalo STATE: NY ZIP: 14202
ATTENTION: Andy Benkleman
PHONE: FAX:

CLIENT PROJECT INFORMATION
PROJECT NAME: Mackenna Parcels
PROJECT NO.: LOCATION: Niagara Falls
PROJECT MANAGER: Andy Benkleman
e-mail: abenkleman@labellapc.com
PHONE: FAX:

CLIENT BILLING INFORMATION
BILL TO: PO#:
ADDRESS: SAME
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION
FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION
- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced ☐ US EPA CLP
- ☐ NYS ASP A ☒ NYS ASP B
- ☐ Other _____
- ☐ EDD FORMAT _____

ANALYSIS
1 VOCs (TCL + 5 TICs)
2 SVOCs (TCL + 10 TICs)
3 PCBs (TCL)
4 Metals + Hg (RCRA)
5
6
7
8
9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	SB-02 (3-5')	Soil	C		7/12/23	1230	2	X	X	X	X						
2.	SB-04 (1-5')	Soil	C		7/12/23	1315	6	X	X	X	X						MS/MSD
3.	SB-07 (1-3')	Soil	C		7/13/23	1030	2	X	X	X	X						
4.	SB-08 (0.5-2.0')	Soil	C		7/13/23	1100	2	X	X	X	X						
5.	SB-09 (2.0-4.0')	Soil	C		7/13/23	1130	2	X	X	X	X						
6.	SB-10 (0.5-2.0')	Soil	C		7/13/23	1200	2	X	X	X	X						
7.	Dupe DUP	Soil	C		7/12/23	—	2	X	X	X	X						
8.	Rinsate Blank	H_2O		G	7/12/23	1215	4	X	X	X	X						
9.																	
10.																	

PRESERVATIVES: ← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	7/12/23	1. Sample Fridge/Freezer
2.	7/13/23	2. FEDEX
3. FedEx	7-13-23 0912	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 24.3 °C
Comments: SB-02, SB-04 and DUP frozen on 7/12/23 @ 1600
* ICE Melted

Page ____ of ____
CLIENT: ☐ Hand Delivered ☐ Other _____
CHEMTECH: ☐ Picked Up ☐ Field Sampling
Shipment Complete ☐ YES ☐ NO

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WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

From: Samantha Beazley <Samantha@chemtech.net>
Sent: Monday, July 17, 2023 11:40 AM
To: 'abenkleman@labellapc.com'
Subject: RE: Login Summary Details For Project Mackenna Parcels-O3645.

Good Morning,

Note that there was no sample volume received in the terracore kit for sample “SB-09-(2.0-4.0)”. The lab will not be able to analyze this sample for VOC.

Respectfully,

Samantha Beazley
Project Manager

CHEMTECH

284 Sheffield St. | Mountainside, NJ 07092
Direct: (908) 728-3148
samantha@chemtech.net | www.chemtech.net

Your Opinion Matters! Please Give Us Your Feedback

From: CHEMTECH-Data@chemtech.net <CHEMTECH-Data@chemtech.net>
Sent: Monday, July 17, 2023 10:12 AM
To: abenkleman@labellapc.com
Cc: Samantha@chemtech.net
Subject: Login Summary Details For Project Mackenna Parcels-O3645.

To Andrew T. Benkleman;

Please see the attached Login Summary for the following project, or download the file using your login credentials from the link below.

Order ID	: O3645
Project ID	: Mackenna Parcels
Download File	: https://chemtech.net/secureLogin.aspx
Order Date	: 7/17/2023 9:31:59 AM
CHEMTECH’s Project Manager	: Samantha Beazley , Samantha@chemtech.net , Ext :
CHEMTECH’s Sales Executive	: Jordan Hedvat , jordan@chemtech.net , 908-728-3144 Ext :

Thank you for the opportunity to provide you with our services. For any questions please feel free to contact your project manager.

Click Here for our short online customer Survey http://chemtech.net/ClientSurvey.aspx .

Thank you,

Notice: The information transmitted in this e-mail message and in any attachments is intended Solely for the attention of the named addressee(s) and may contain confidential and/or privileged material. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient is strictly prohibited and may be unlawful. If you have received this transmission in error, please notify us immediately by return e-mail, and permanently delete this transmission, including attachments if any, from any computer.

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0649
DOD ELAP (L-A-B)	L2219
Maine	2022022
Maryland	296
New Hampshire	255422
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	P330-21-00137
Texas	T104704488-23-16

CHEMTECH

LOGIN REPORT/SAMPLE TRANSFER

Order ID : O3645 LABE01
Client Name : LaBella Associates P.C.
Client Contact : Andrew T. Benkleman
Invoice Name : LaBella Associates P.C.
Invoice Contact : Andrew T. Benkleman

Order Date : 7/17/2023 9:31:59 AM
Project Name : Mackenna Parcels
Receive DateTime : 7/17/2023 9:12:00 AM
Purchase Order :

Project Mgr :
Report Type : ~~Level 2~~ NYS ASP B
EDD Type : Excel NY SB 7/20/23
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD		FAX DATE	DUE DATES
O3645-01	SB-02-(3-5)	Solid	07/12/2023	12:30	VOCMS Group1		8260D	10 Bus. Days		
O3645-02	SB-04-(1-5)	Solid	07/12/2023	13:15	VOCMS Group1		8260D	10 Bus. Days		
O3645-03	SB-07-(1-3)	Solid	07/13/2023	10:30	VOCMS Group1		8260D	10 Bus. Days		
O3645-04	SB-08 ~~(10.5-2.0)~~ (0.5-2.0)	Solid	07/13/2023	11:00	VOCMS Group1		8260D	10 Bus. Days		
~~O3645-05~~	~~SB-09-(2.0-4.0)~~	~~Solid~~	~~07/13/2023~~	~~11:30~~	~~VOCMS Group1~~		~~8260D~~	~~10 Bus. Days~~		
O3645-06	SB-10-(0.5-2.0)	Solid	07/13/2023	12:00	VOCMS Group1		8260D	10 Bus. Days		
O3645-07	DUP	Solid	07/12/2023	00:00	VOCMS Group1		8260D	10 Bus. Days		
O3645-08	RINSATE-BLANK	Water	07/12/2023	12:15	VOCMS Group1		8260-Low	10 Bus. Days		
O3645-09	O3645-02MS	Solid	07/12/2023	13:15						

CHEMTECH

LOGIN REPORT/SAMPLE TRANSFER

Order ID : O3645 LABE01
Client Name : LaBella Associates P.C.
Client Contact : Andrew T. Benkleman
Invoice Name : LaBella Associates P.C.
Invoice Contact : Andrew T. Benkleman

Order Date : 7/17/2023 9:31:59 AM
Project Name : Mackenna Parcels
Receive DateTime : 7/17/2023 9:12:00 AM
Purchase Order :

Project Mgr :
Report Type : ~~Level 2~~ NYS ASP B
SB 7/20/23
EDD Type : Excel NY
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD		FAX DATE	DUE DATES
					VOCMS Group1		8260D	10 Bus. Days		
O3645-10	O3645-02MSD	Solid	07/12/2023	13:15						
					VOCMS Group1		8260D	10 Bus. Days		

Relinguished By : [signature]
Date / Time : 7/17/23 0950

Received By : Sam
Date / Time : 7/17/23 9.50
Storage Area : VOA Refridgerator Room

Reg #6
Sz2
Reg #4