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

DATA PACKAGE

GC SEMI-VOLATILES

PROJECT NAME : NJ SOIL PT

CHEMTECH CONSULTING GROUP

284 Sheffield St,

Mountainside, NJ - 07092

Phone No: 908-789-8900

ORDER ID : P4495

ATTENTION : QA Officer

Laboratory Certification ID # 20012

Table Of Contents for P4495

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Cover Page

Order ID : P4495

Project ID : NJ Soil PT

Client : Chemtech Consulting Group

Lab Sample Number	Client Sample Number
P4495-01	PT-AN-SOIL
P4495-02	PT-CORR-SOIL
P4495-03	PT-CN-SOIL
P4495-04	PT-CN-SOIL
P4495-05	PT-FP-SOIL
P4495-06	PT-CR6-SOIL
P4495-07	PT-NUT-SOIL
P4495-08	PT-NUT-SOIL
P4495-09	PT-OGR-SOIL
P4495-10	PT-MET-SOIL
P4495-11	PT-BNA-SOIL
P4495-12	PT-TRIAZINE-SOIL
P4495-13	PT-PAH-SOIL
P4495-14	PT-DIES-SOIL
P4495-15	PT-GAS-SOIL
P4495-16	PT-NJEPH-SOIL
P4495-17	PT-HERB-SOIL
P4495-18	PT-PCB-SOIL
P4495-19	PT-PCBO-SOIL
P4495-20	PT-PEST-SOIL
P4495-21	PT-CHLR-SOIL
P4495-22	PT-TXP-SOIL
P4495-23	PT-VOA-SOIL
P4495-24	PT-SOL-SOIL
P4495-25	PT-NO2-SOIL

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

Signature : _____ Date: 12/2/2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Chemtech Consulting Group
Project Name: NJ Soil PT
Project # N/A
Chemtech Project # P4495
Test Name: PCB

A. Number of Samples and Date of Receipt:
25 Solid samples were received on 10/23/2024.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Ammonia, Anions Group1, Anions Group2, Corrosivity, Cyanide, Diesel Range Organics, EPH, Flash Point, Gasoline Range Organics, Herbicide Group1, Hexavalent Chromium, Mercury, Metals Group3, Metals ICP-Group1, Nitrite, Oil and Grease, PCB, PESTICIDE Group1, PESTICIDE Group2, PESTICIDE Group3, Phosphorus, Total, SVOCMS Group1, SVOCMS Group2, SVOCMS Group3, SVOCMS Group4, TKN, TOC, TS and VOCMS Group1. This data package contains results for PCB.

C. Analytical Techniques:
The analyses were performed on instrument GCECD_O. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11.The analysis of PCBs was based on method 8082A and extraction was done based on method 3541.

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 analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .

Samples PT-PCB-SOIL, PT-PCBO-SOIL were diluted due to high concentrations.

E. Additional Comments:

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

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

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

Signature_____

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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

Alliance TECHNICAL GROUP
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GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: P4495 MATRIX: Solid

METHOD: 8082A/3541

		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 RPD met criteria .			✓
7.	Retention Time Shift Meet Criteria (if applicable) Comments:			✓
8.	Extraction Holding Time Met If not met, list number of days exceeded for each sample:			✓
9.	Analysis Holding Time Met If not met, list those compounds and their recoveries which fall outside the acceptable range.			✓

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GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

NA NO YES

ADDITIONAL COMMENTS:

Samples PT-PCB-SOIL, PT-PCBO-SOIL were diluted due to high concentrations.

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

_____ _____

QA REVIEW Date

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

QA REVIEW GENERAL DOCUMENTATION

Project #: P4495

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

QA Review Signature: SOHIL JODHANI **Date:** 12/02/2024

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LAB CHRONICLE

OrderID:	P4495	**OrderDate:**	10/23/2024 10:29:00 AM
Client:	Chemtech Consulting Group	**Project:**	NJ Soil PT
Contact:	QA Officer	**Location:**	QA Office,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4495-14	**PT-DIES-SOIL**	**SOIL**			**10/21/24**			**10/23/24**
			Diesel Range Organics	8015D		10/24/24	10/24/24	
P4495-15	**PT-GAS-SOIL**	**SOIL**			**10/21/24**			**10/23/24**
			Gasoline Range Organics	8015D			10/24/24	
P4495-16	**PT-NJEPH-SOIL**	**Solid**			**10/21/24**			**10/23/24**
			EPH	NJEPH		10/25/24	10/28/24	
			EPH	NJEPH		10/25/24	10/29/24	
			EPH	NJEPH		10/25/24	10/28/24	
P4495-16DL2	**PT-NJEPH-SOILDL2**	**Solid**			**10/21/24**			**10/23/24**
			EPH	NJEPH		10/25/24	10/28/24	
P4495-17	**PT-HERB-SOIL**	**SOIL**			**10/21/24**			**10/23/24**
			Herbicide Group1	8151A		11/14/24	11/25/24	
P4495-17RE	**PT-HERB-SOILRE**	**SOIL**			**10/21/24**			**10/23/24**
			Herbicide Group1	8151A		11/14/24	11/25/24	
P4495-18	**PT-PCB-SOIL**	**SOIL**			**10/21/24**			**10/23/24**
			PCB	8082A		10/25/24	10/25/24	
P4495-18DL	**PT-PCB-SOILDL**	**SOIL**			**10/21/24**			**10/23/24**
			PCB	8082A		10/25/24	10/25/24	
P4495-19	**PT-PCBO-SOIL**	**SOIL**			**10/21/24**			**10/23/24**
			PCB	8082A		10/25/24	10/28/24	
P4495-19DL	**PT-PCBO-SOILDL**	**SOIL**			**10/21/24**			**10/23/24**

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LAB CHRONICLE

			PCB	8082A		10/25/24	10/28/24	
P4495-20	**PT-PEST-SOIL**	**SOIL**			**10/21/24**			**10/23/24**
			PESTICIDE Group1	8081B		10/25/24	11/04/24	
P4495-20DL	**PT-PEST-SOILDL**	**SOIL**			**10/21/24**			**10/23/24**
			PESTICIDE Group1	8081B		10/25/24	11/04/24	
P4495-20DL2	**PT-PEST-SOILDL2**	**SOIL**			**10/21/24**			**10/23/24**
			PESTICIDE Group1	8081B		10/25/24	11/04/24	
P4495-21	**PT-CHLR-SOIL**	**SOIL**			**10/21/24**			**10/23/24**
			PESTICIDE Group2	8081B		10/25/24	10/31/24	
P4495-22	**PT-TXP-SOIL**	**SOIL**			**10/21/24**			**10/23/24**
			PESTICIDE Group3	8081B		10/25/24	10/31/24	
P4495-22DL	**PT-TXP-SOILDL**	**SOIL**			**10/21/24**			**10/23/24**
			PESTICIDE Group3	8081B		10/25/24	10/31/24	

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Hit Summary Sheet
SW-846

SDG No.: P4495 **Order ID:** P4495

Client: Chemtech Consulting Group **Project ID:** NJ Soil PT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : PT-PCB-SOIL								
P4495-18	PT-PCB-SOIL	SOIL	Aroclor-1016	7200	E	3.40	17.0	ug/kg
			Total Concentration:	**7,200.000**				
Client ID : PT-PCB-SOIL DL								
P4495-18DL	PT-PCB-SOIL DL	SOIL	Aroclor-1016	7700	D	84.6	424	ug/kg
			Total Concentration:	**7,700.000**				
Client ID : PT-PCBO-SOIL								
P4495-19	PT-PCBO-SOIL	SOIL	Aroclor-1221	18000	E	187	495	ug/kg
			Total Concentration:	**18,000.000**				
Client ID : PT-PCBO-SOILDL								
P4495-19DL	PT-PCBO-SOILDL	SOIL	Aroclor-1221	18000	D	933	2500	ug/kg
			Total Concentration:	**18,000.000**				

QC SUMMARY

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Surrogate Summary

SDG No.: P4495

Client: Chemtech Consulting Group

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PO107183.D	PIBLK-PO107183.D	Tetrachloro-m-xylene	1	20	22.5	112		60	140
		Decachlorobiphenyl	1	20	23.4	117		60	140
		Tetrachloro-m-xylene	2	20	22.1	110		60	140
		Decachlorobiphenyl	2	20	22.8	114		60	140
I.BLK-PO107374.D	PIBLK-PO107374.D	Tetrachloro-m-xylene	1	20	21.6	108		60	140
		Decachlorobiphenyl	1	20	21.7	108		60	140
		Tetrachloro-m-xylene	2	20	21.5	108		60	140
		Decachlorobiphenyl	2	20	21.8	109		60	140
PB164397BL	PB164397BL	Tetrachloro-m-xylene	1	20	22.4	112		32	144
		Decachlorobiphenyl	1	20	23.0	115		32	175
		Tetrachloro-m-xylene	2	20	22.1	110		32	144
		Decachlorobiphenyl	2	20	22.8	114		32	175
PB164397BS	PB164397BS	Tetrachloro-m-xylene	1	20	21.8	109		32	144
		Decachlorobiphenyl	1	20	22.4	112		32	175
		Tetrachloro-m-xylene	2	20	20.4	102		32	144
		Decachlorobiphenyl	2	20	22.3	112		32	175
P4495-18	PT-PCB-SOIL	Tetrachloro-m-xylene	1	20	27.1	136		32	144
		Decachlorobiphenyl	1	20	20.3	102		32	175
		Tetrachloro-m-xylene	2	20	18.3	92		32	144
		Decachlorobiphenyl	2	20	23.9	120		32	175
P4495-18DL	PT-PCB-SOILDL	Tetrachloro-m-xylene	1	20	19.5	98		32	144
		Decachlorobiphenyl	1	20	24.3	121		32	175
		Tetrachloro-m-xylene	2	20	18.3	91		32	144
		Decachlorobiphenyl	2	20	27.5	138		32	175
I.BLK-PO107386.D	PIBLK-PO107386.D	Tetrachloro-m-xylene	1	20	22.3	112		60	140
		Decachlorobiphenyl	1	20	22.6	113		60	140
		Tetrachloro-m-xylene	2	20	22.0	110		60	140
		Decachlorobiphenyl	2	20	22.8	114		60	140
P4531-01MS	OR-03-102424MS	Tetrachloro-m-xylene	1	20	16.7	84		32	144
		Decachlorobiphenyl	1	20	19.4	97		32	175
		Tetrachloro-m-xylene	2	20	19.3	96		32	144
		Decachlorobiphenyl	2	20	16.8	84		32	175
P4531-01MSD	OR-03-102424MSD	Tetrachloro-m-xylene	1	20	17.5	88		32	144
		Decachlorobiphenyl	1	20	19.5	97		32	175
		Tetrachloro-m-xylene	2	20	19.9	100		32	144
		Decachlorobiphenyl	2	20	16.1	81		32	175
I.BLK-PO107401.D	PIBLK-PO107401.D	Tetrachloro-m-xylene	1	20	22.1	111		60	140
		Decachlorobiphenyl	1	20	21.2	106		60	140
		Tetrachloro-m-xylene	2	20	22.0	110		60	140
		Decachlorobiphenyl	2	20	20.2	101		60	140
I.BLK-PO107414.D	PIBLK-PO107414.D	Tetrachloro-m-xylene	1	20	18.9	95		60	140

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Surrogate Summary

SDG No.: P4495

Client: Chemtech Consulting Group

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PO107414.D	PIBLK-PO107414.D	Decachlorobiphenyl	1	20	20.4	102		60	140
		Tetrachloro-m-xylene	2	20	19.6	98		60	140
		Decachlorobiphenyl	2	20	20.6	103		60	140
I.BLK-PO107424.D	PIBLK-PO107424.D	Tetrachloro-m-xylene	1	20	19.3	96		60	140
		Decachlorobiphenyl	1	20	20.2	101		60	140
		Tetrachloro-m-xylene	2	20	19.6	98		60	140
		Decachlorobiphenyl	2	20	19.6	98		60	140
PB164405BL	PB164405BL	Tetrachloro-m-xylene	1	20	18.9	95		32	144
		Decachlorobiphenyl	1	20	20.8	104		32	175
		Tetrachloro-m-xylene	2	20	19.4	97		32	144
		Decachlorobiphenyl	2	20	20.3	102		32	175
PB164405BS	PB164405BS	Tetrachloro-m-xylene	1	20	19.1	95		32	144
		Decachlorobiphenyl	1	20	20.3	102		32	175
		Tetrachloro-m-xylene	2	20	18.4	92		32	144
		Decachlorobiphenyl	2	20	19.9	99		32	175
P4495-19	PT-PCBO-SOIL	Tetrachloro-m-xylene	1	20	10.4	52		32	144
		Decachlorobiphenyl	1	20	15.4	77		32	175
		Tetrachloro-m-xylene	2	20	9.16	46		32	144
		Decachlorobiphenyl	2	20	17.8	89		32	175
P4495-19DL	PT-PCBO-SOILDL	Tetrachloro-m-xylene	1	20	10.5	52		32	144
		Decachlorobiphenyl	1	20	19.5	98		32	175
		Tetrachloro-m-xylene	2	20	10.5	52		32	144
		Decachlorobiphenyl	2	20	18.4	92		32	175
I.BLK-PO107440.D	PIBLK-PO107440.D	Tetrachloro-m-xylene	1	20	19.9	100		60	140
		Decachlorobiphenyl	1	20	20.5	103		60	140
		Tetrachloro-m-xylene	2	20	20.5	103		60	140
		Decachlorobiphenyl	2	20	20.4	102		60	140

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4495

Client: Chemtech Consulting Group

Analytical Method: 8082A **DataFile :** PO107390.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:	**OR-03-102424MS**											
P4531-01MS	AR1016	176.3	0	170	ug/kg	96				55	146	
	AR1260	176.3	0	155	ug/kg	88				45	144	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4495

Client: Chemtech Consulting Group

Analytical Method: 8082A **DataFile :** PO107391.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:	**OR-03-102424MSD**											
P4531-01MSD	AR1016	176.4	0	173	ug/kg	98		2		55	146	20
	AR1260	176.4	0	157	ug/kg	89		1		45	144	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4495

Client: Chemtech Consulting Group

Analytical Method: 8082A **Datafile :** PO107376.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB164397BS	AR1016	166.5	160	ug/kg	96				71	120	
	AR1260	166.5	162	ug/kg	97				65	130	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4495

Client: Chemtech Consulting Group

Analytical Method: 8082A **Datafile :** PO107426.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB164405BS	AR1016	4854	4300	ug/kg	89				71	120	
	AR1260	4854	4400	ug/kg	91				65	130	

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164397BL

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG NO.: P4495

Lab Sample ID: PB164397BL Lab File ID: PO107375.D

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

Sulfur Cleanup: (Y/N) N Date Extracted: 10/25/2024

Date Analyzed (1): 10/25/2024 Date Analyzed (2): 10/25/2024

Time Analyzed (1): 13:10 Time Analyzed (2): 13:10

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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
PB164397BS	PB164397BS	PO107376.D	10/25/2024	10/25/2024
PT-PCB-SOIL	P4495-18	PO107377.D	10/25/2024	10/25/2024
OR-03-102424MS	P4531-01MS	PO107390.D	10/25/2024	10/25/2024
OR-03-102424MSD	P4531-01MSD	PO107391.D	10/25/2024	10/25/2024

COMMENTS:

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164405BL

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG NO.: P4495

Lab Sample ID: PB164405BL Lab File ID: PO107425.D

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

Sulfur Cleanup: (Y/N) N Date Extracted: 10/25/2024

Date Analyzed (1): 10/28/2024 Date Analyzed (2): 10/28/2024

Time Analyzed (1): 12:34 Time Analyzed (2): 12:34

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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
PB164405BS	PB164405BS	PO107426.D	10/28/2024	10/28/2024
PT-PCBO-SOIL	P4495-19	PO107427.D	10/28/2024	10/28/2024

COMMENTS:

SAMPLE DATA

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/21/24
Project:	NJ Soil PT	Date Received:	10/23/24
Client Sample ID:	PT-PCB-SOIL	SDG No.:	P4495
Lab Sample ID:	P4495-18	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO107377.D	1	10/25/24 09:40	10/25/24 13:46	PB164397

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	7200	E	3.40	17.0	ug/kg
11104-28-2	Aroclor-1221	6.40	U	6.40	17.0	ug/kg
11141-16-5	Aroclor-1232	3.40	U	3.40	17.0	ug/kg
53469-21-9	Aroclor-1242	3.40	U	3.40	17.0	ug/kg
12672-29-6	Aroclor-1248	7.90	U	7.90	17.0	ug/kg
11097-69-1	Aroclor-1254	2.70	U	2.70	17.0	ug/kg
37324-23-5	Aroclor-1262	4.60	U	4.60	17.0	ug/kg
11100-14-4	Aroclor-1268	3.40	U	3.40	17.0	ug/kg
11096-82-5	Aroclor-1260	2.90	U	2.90	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	27.1		32 - 144	136%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.9		32 - 175	120%	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_O\Data\PO102524\
Data File : PO107377.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2024 13:46
Operator : YP/AJ
Sample : P4495-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PT-PCB-SOIL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 08:56:52 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:53:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.371	3.644	247.1E6	58969364	27.113	18.322 #
2)	SA Decachlor...	10.060	8.637	49838468	65538466	20.314	23.905
	Target Compounds						
3)	L1 AR-1016-1	5.522	4.725	5377.1E6	2375.4E6	19929.004	23002.727
4)	L1 AR-1016-2	5.544	4.744	8096.3E6	3531.8E6	20399.601	25054.099
5)	L1 AR-1016-3	5.606	4.919	4543.5E6	1703.9E6	18089.295	21637.762
6)	L1 AR-1016-4	5.703	4.961	3821.9E6	1194.7E6	19842.298	18071.991
7)	L1 AR-1016-5	5.998	5.174	3329.1E6	1714.6E6	18226.152	20875.282

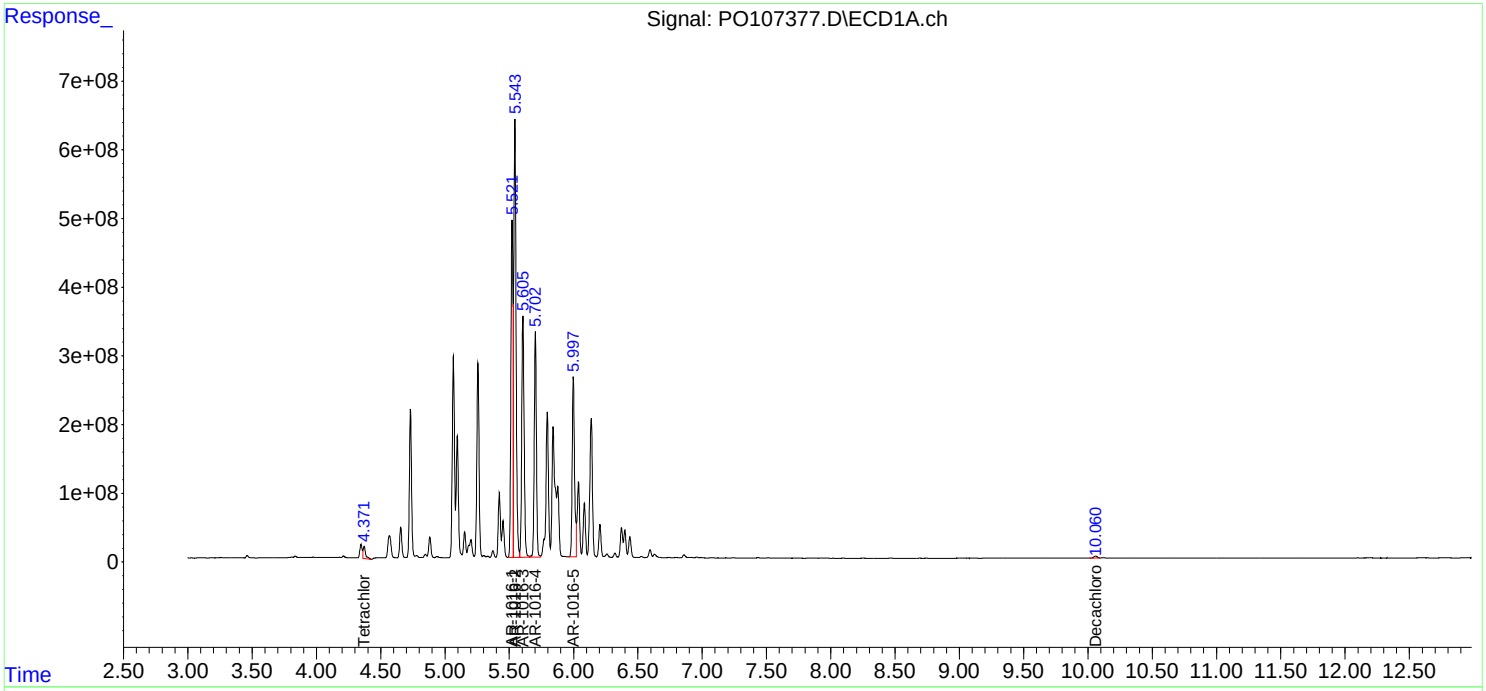
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

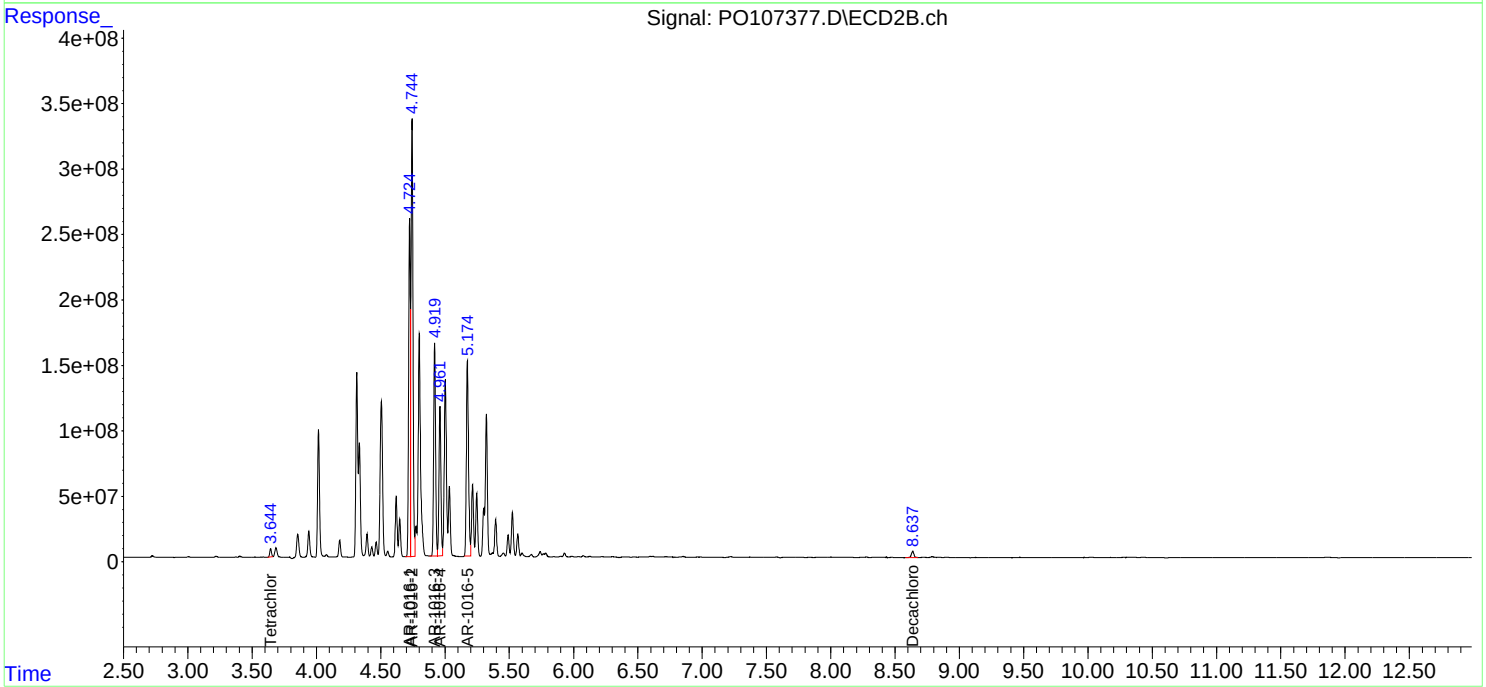
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102524\
Data File : PO107377.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2024 13:46
Operator : YP/AJ
Sample : P4495-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

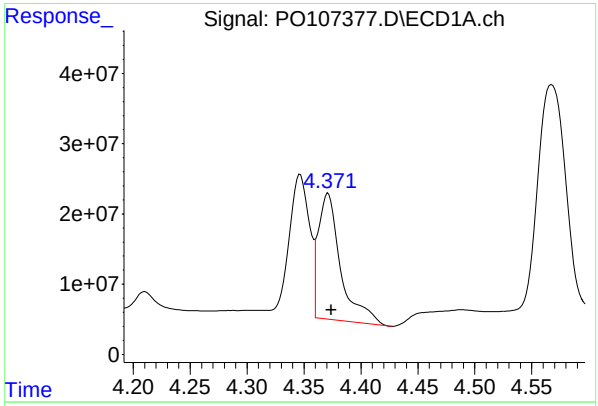
Instrument :
ECD_O
ClientSampleId :
PT-PCB-SOIL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 08:56:52 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:53:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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



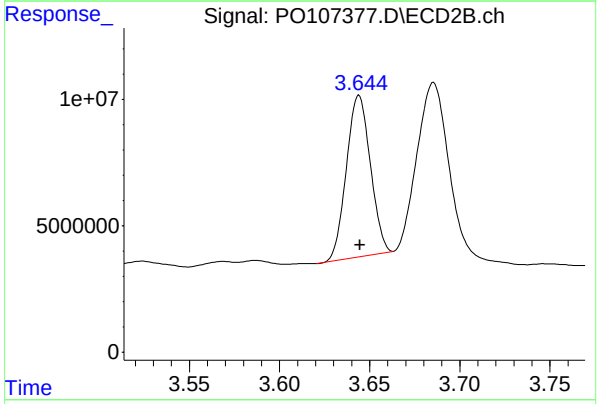




#1 Tetrachloro-m-xylene

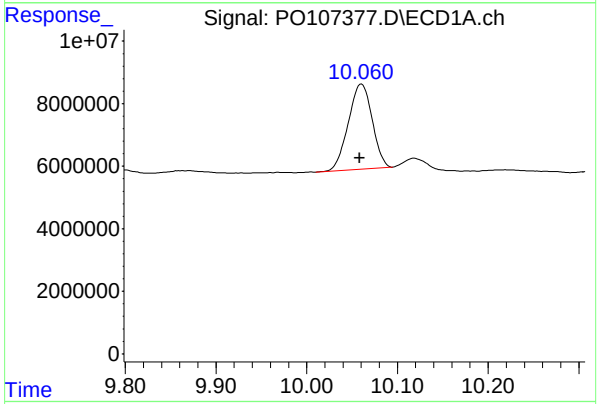
R.T.: 4.371 min
Delta R.T.: -0.003 min
Response: 247105000
Conc: 27.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
PT-PCB-SOIL



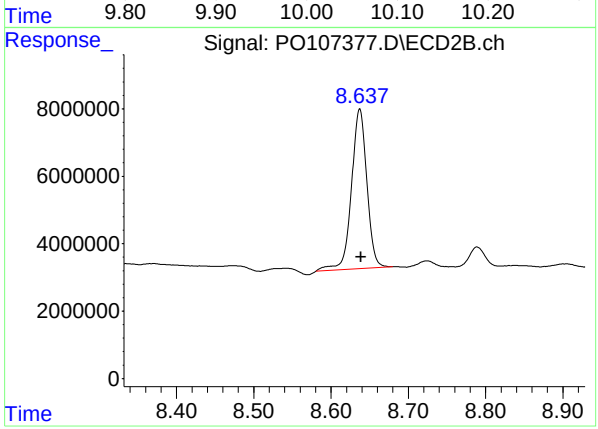
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 58969364
Conc: 18.32 ng/ml



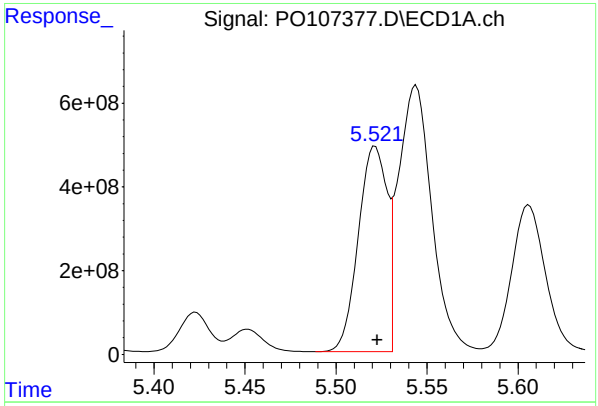
#2 Decachlorobiphenyl

R.T.: 10.060 min
Delta R.T.: 0.002 min
Response: 49838468
Conc: 20.31 ng/ml



#2 Decachlorobiphenyl

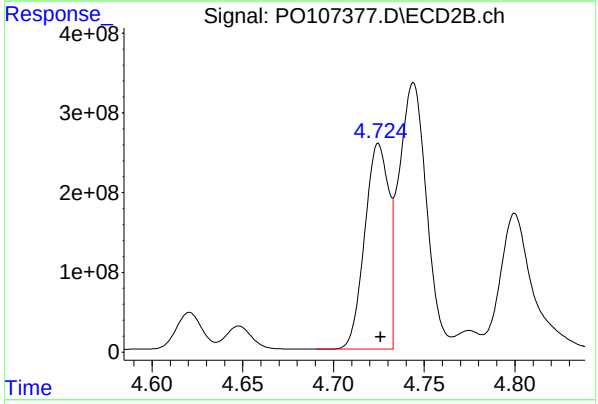
R.T.: 8.637 min
Delta R.T.: -0.002 min
Response: 65538466
Conc: 23.91 ng/ml



#3 AR-1016-1

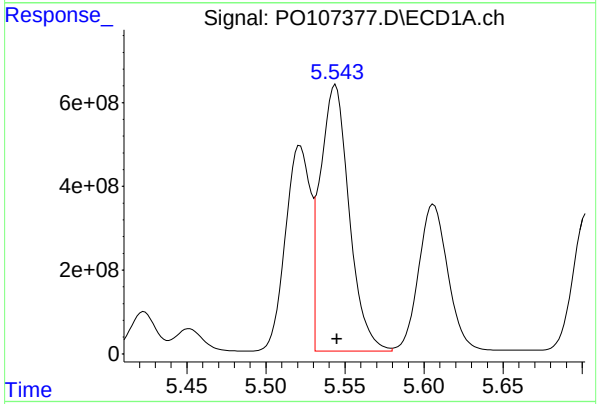
R.T.: 5.522 min
Delta R.T.: -0.001 mi
Response: 5377129992
Conc: 19929.00 ng/

Instrument :
ECD_O
ClientSampleId :
PT-PCB-SOIL



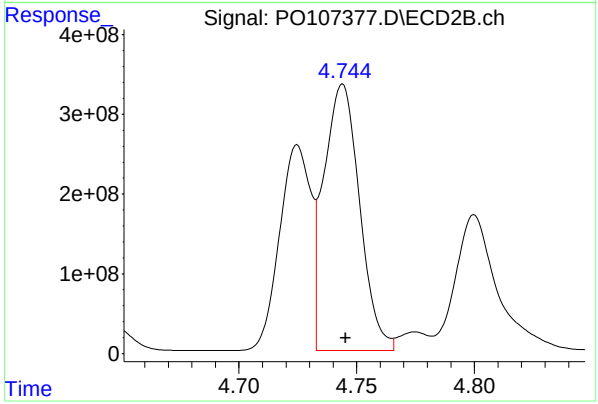
#3 AR-1016-1

R.T.: 4.725 min
Delta R.T.: -0.001 min
Response: 2375391837
Conc: 23002.73 ng/ml



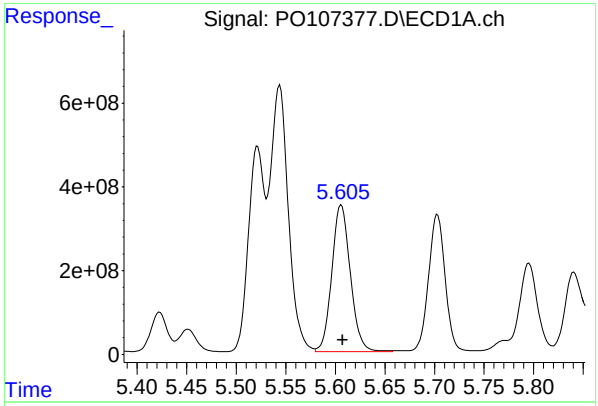
#4 AR-1016-2

R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 8096294273
Conc: 20399.60 ng/ml



#4 AR-1016-2

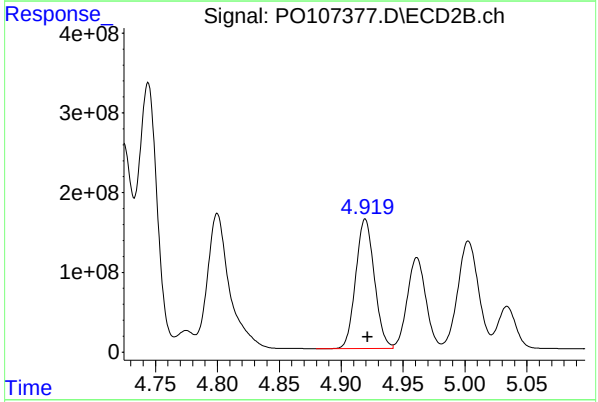
R.T.: 4.744 min
Delta R.T.: -0.001 min
Response: 3531820078
Conc: 25054.10 ng/ml



#5 AR-1016-3

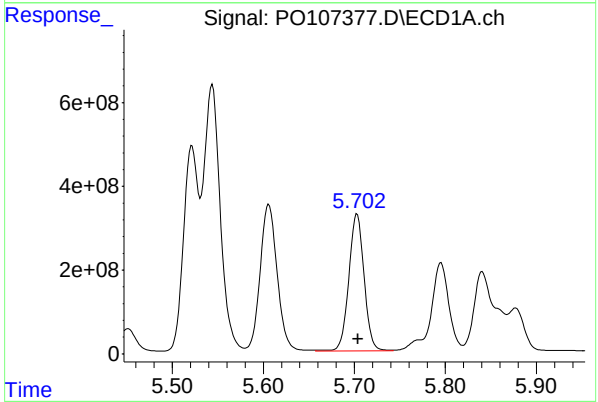
R.T.: 5.606 min
Delta R.T.: -0.001 min
Response: 4543480155
Conc: 18089.29 ng/

Instrument :
ECD_O
ClientSampleId :
PT-PCB-SOIL



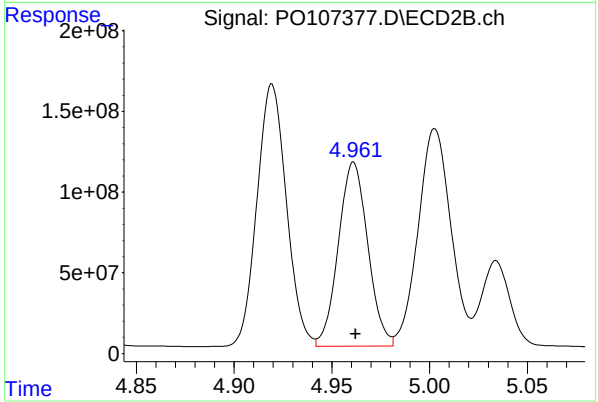
#5 AR-1016-3

R.T.: 4.919 min
Delta R.T.: -0.002 min
Response: 1703879548
Conc: 21637.76 ng/ml



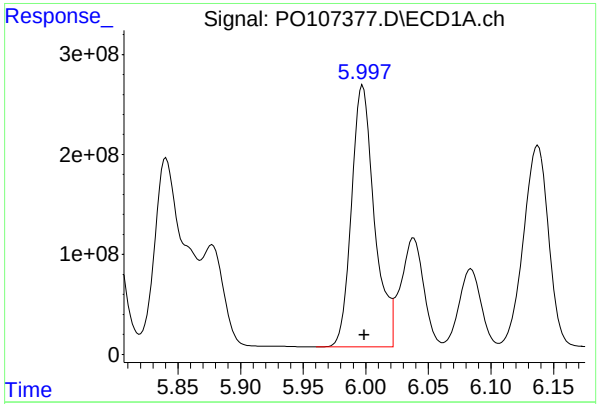
#6 AR-1016-4

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 3821863108
Conc: 19842.30 ng/ml



#6 AR-1016-4

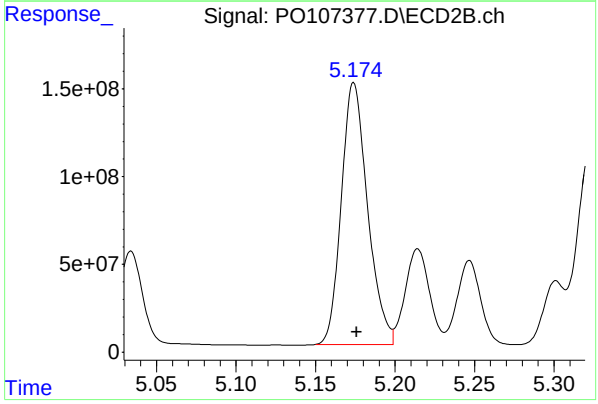
R.T.: 4.961 min
Delta R.T.: -0.001 min
Response: 1194709486
Conc: 18071.99 ng/ml



#7 AR-1016-5

R.T.: 5.998 min
Delta R.T.: -0.001 min
Response: 3329071290
Conc: 18226.15 ng/

Instrument :
ECD_O
ClientSampleId :
PT-PCB-SOIL



#7 AR-1016-5

R.T.: 5.174 min
Delta R.T.: -0.002 min
Response: 1714567331
Conc: 20875.28 ng/ml

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/21/24
Project:	NJ Soil PT	Date Received:	10/23/24
Client Sample ID:	PT-PCB-SOILDL	SDG No.:	P4495
Lab Sample ID:	P4495-18DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO107381.D	25	10/25/24 09:40	10/25/24 15:16	PB164397

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	7700	D	84.6	424	ug/kg
11104-28-2	Aroclor-1221	160	UD	160	424	ug/kg
11141-16-5	Aroclor-1232	84.9	UD	84.9	424	ug/kg
53469-21-9	Aroclor-1242	84.6	UD	84.6	424	ug/kg
12672-29-6	Aroclor-1248	197	UD	197	424	ug/kg
11097-69-1	Aroclor-1254	68.1	UD	68.1	424	ug/kg
37324-23-5	Aroclor-1262	114	UD	114	424	ug/kg
11100-14-4	Aroclor-1268	85.6	UD	85.6	424	ug/kg
11096-82-5	Aroclor-1260	72.6	UD	72.6	424	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.5		32 - 144	98%	SPK: 20
2051-24-3	Decachlorobiphenyl	27.5		32 - 175	138%	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_O\Data\PO102524\
Data File : PO107381.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2024 15:16
Operator : YP/AJ
Sample : P4495-18DL 25X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PT-PCB-SOILDL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 09:04:39 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:53:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.371	3.645	7116171	2333904	0.781m	0.725
2) SA	Decachlor...	10.060	8.638	2381258	3008140	0.971	1.097
	Target Compounds						
3) L1	AR-1016-1	5.521	4.725	245.3E6	101.1E6	909.065	979.094
4) L1	AR-1016-2	5.544	4.744	357.5E6	145.4E6	900.847	1031.101
5) L1	AR-1016-3	5.606	4.920	216.8E6	74197504	863.093	942.243
6) L1	AR-1016-4	5.703	4.961	174.0E6	51879153	903.622	784.759
7) L1	AR-1016-5	5.998	5.174	155.4E6	72682888	850.744	884.932

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

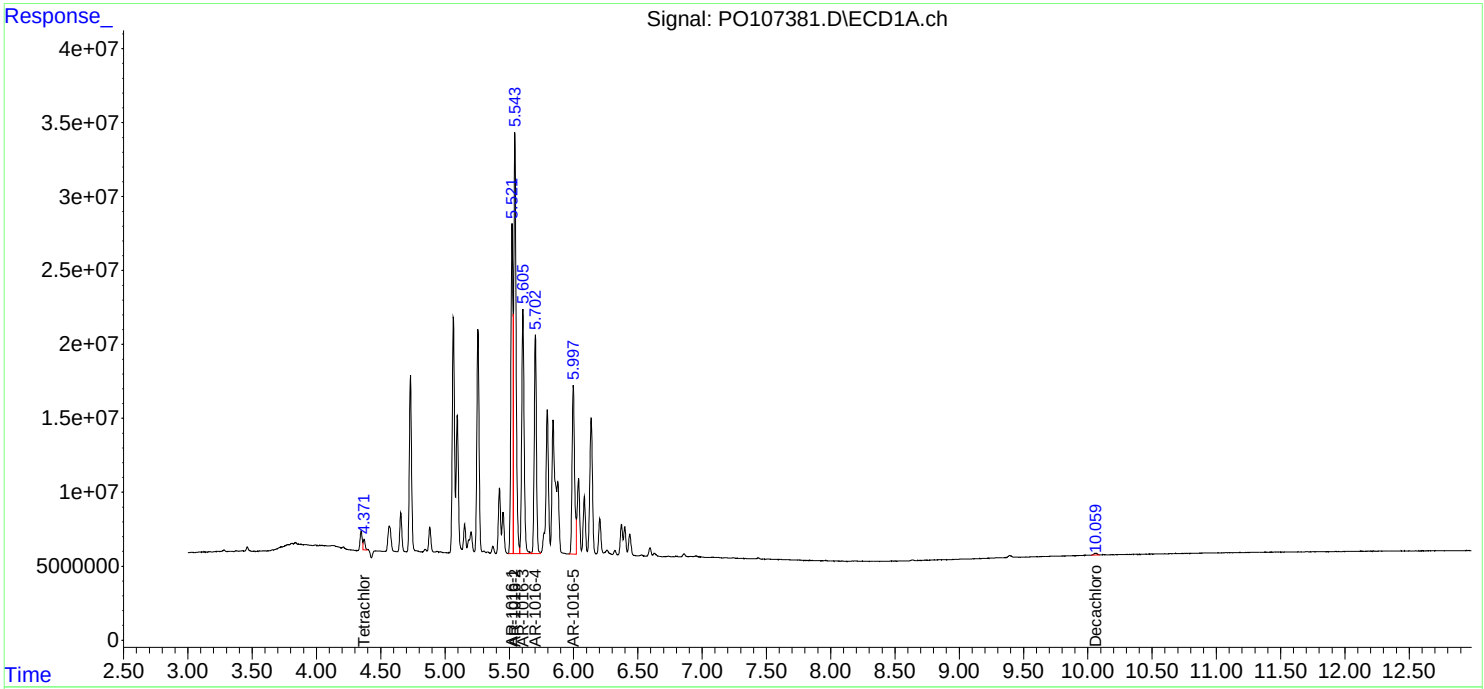
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102524\
Data File : PO107381.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2024 15:16
Operator : YP/AJ
Sample : P4495-18DL 25X
Misc :
ALS Vial : 13 Sample Multiplier: 1

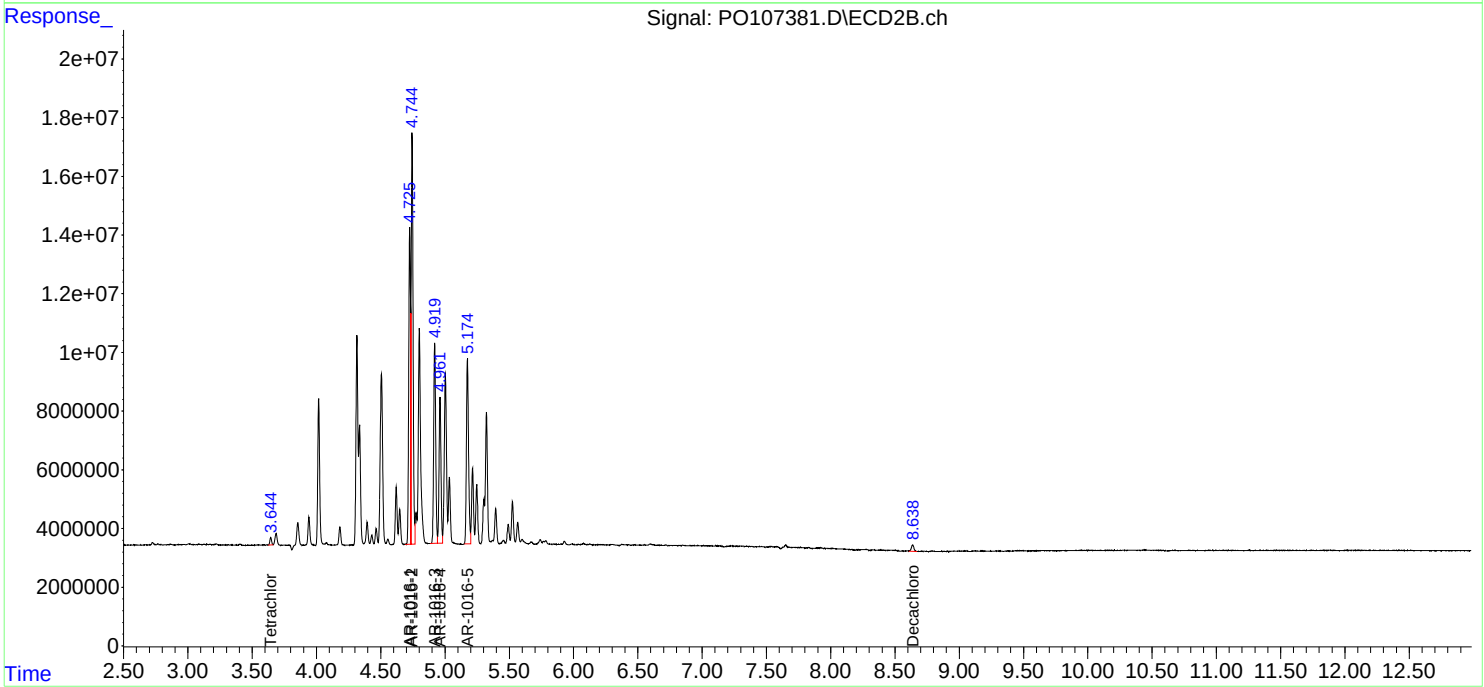
Instrument :
ECD_O
ClientSampleId :
PT-PCB-SOILDL

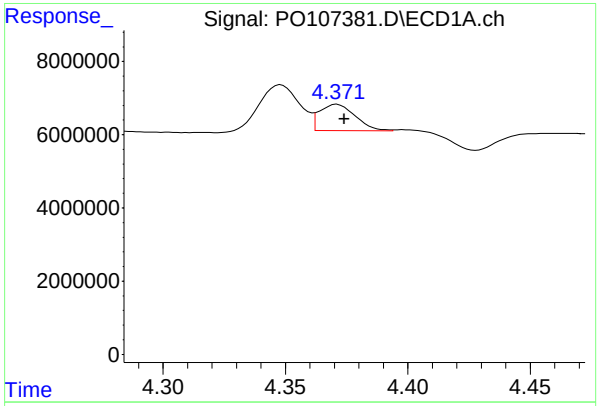
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 09:04:39 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:53:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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







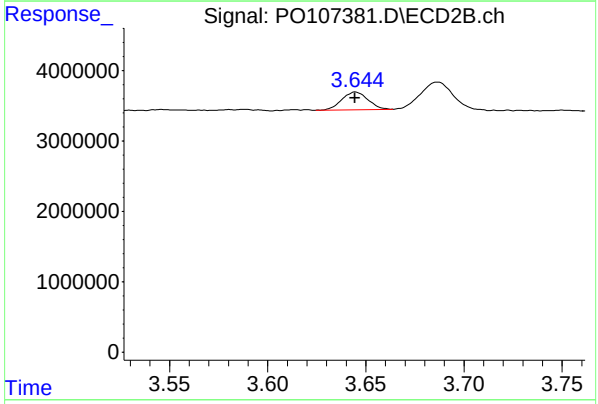
#1 Tetrachloro-m-xylene

R.T.: 4.371 min
Delta R.T.: -0.003 min
Response: 7116171
Conc: 0.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
PT-PCB-SOILDL

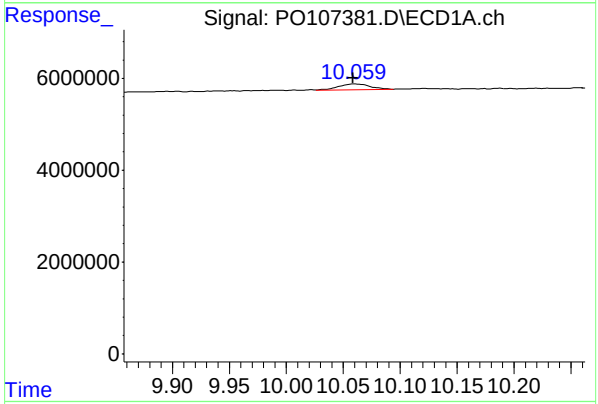
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



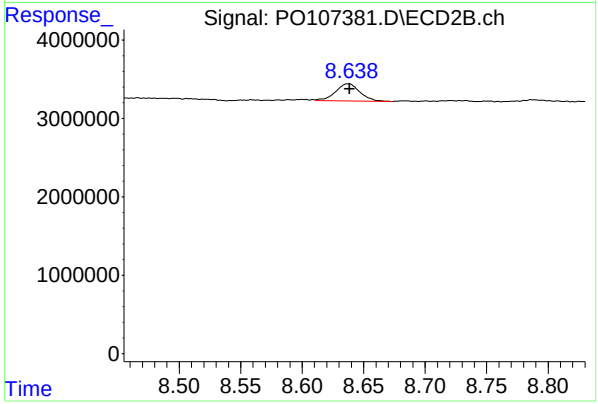
#1 Tetrachloro-m-xylene

R.T.: 3.645 min
Delta R.T.: 0.000 min
Response: 2333904
Conc: 0.73 ng/ml



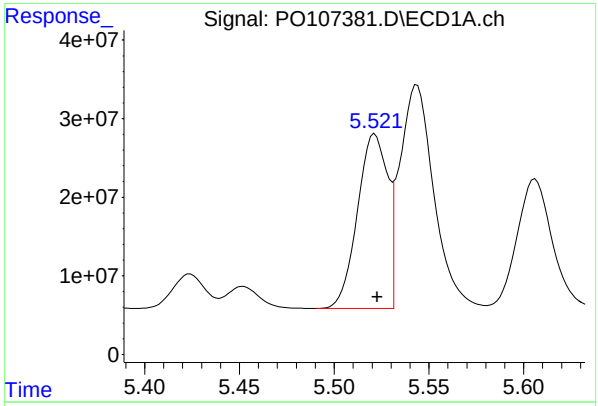
#2 Decachlorobiphenyl

R.T.: 10.060 min
Delta R.T.: 0.002 min
Response: 2381258
Conc: 0.97 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.638 min
Delta R.T.: -0.001 min
Response: 3008140
Conc: 1.10 ng/ml



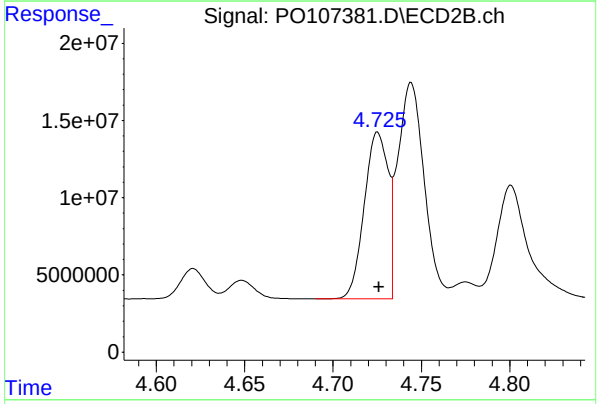
#3 AR-1016-1

R.T.: 5.521 min
Delta R.T.: -0.001 mi
Response: 245278678
Conc: 909.06 ng/m

Instrument :
ECD_O
ClientSampleId :
PT-PCB-SOILDL

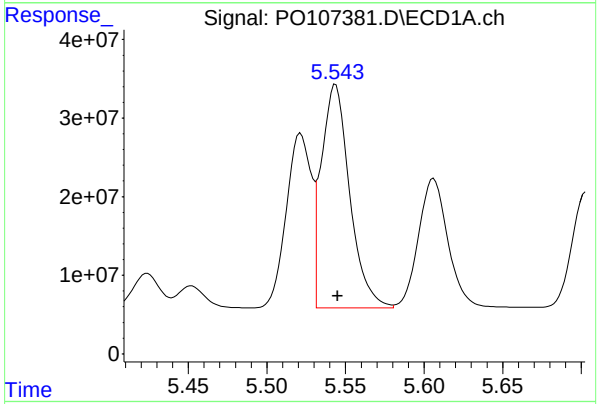
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



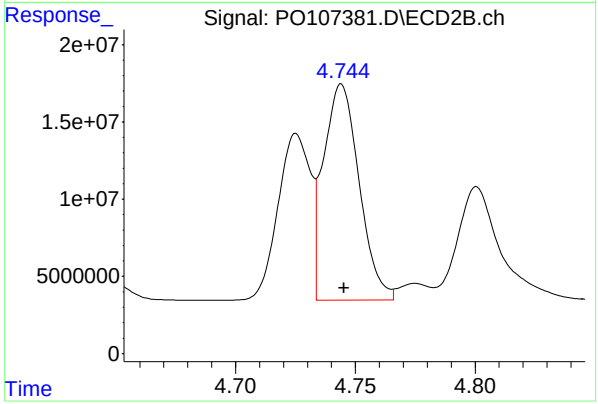
#3 AR-1016-1

R.T.: 4.725 min
Delta R.T.: 0.000 min
Response: 101106785
Conc: 979.09 ng/ml



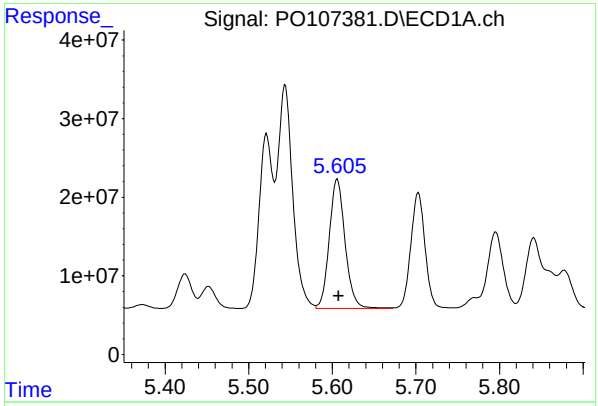
#4 AR-1016-2

R.T.: 5.544 min
Delta R.T.: -0.001 min
Response: 357532680
Conc: 900.85 ng/ml



#4 AR-1016-2

R.T.: 4.744 min
Delta R.T.: -0.001 min
Response: 145351953
Conc: 1031.10 ng/ml



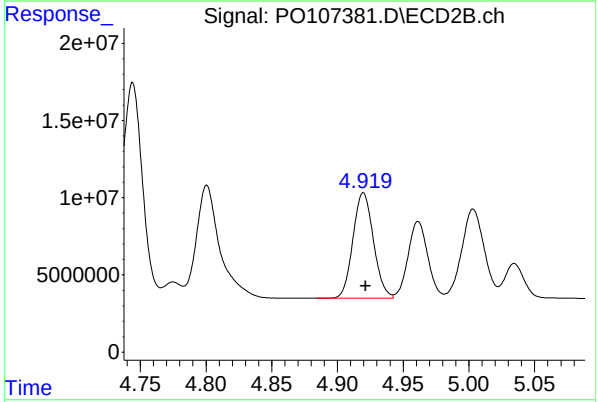
#5 AR-1016-3

R.T.: 5.606 min
Delta R.T.: -0.001 min
Response: 216782610
Conc: 863.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
PT-PCB-SOILDL

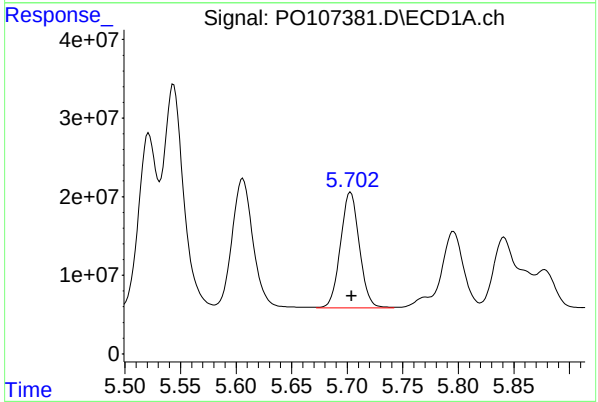
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



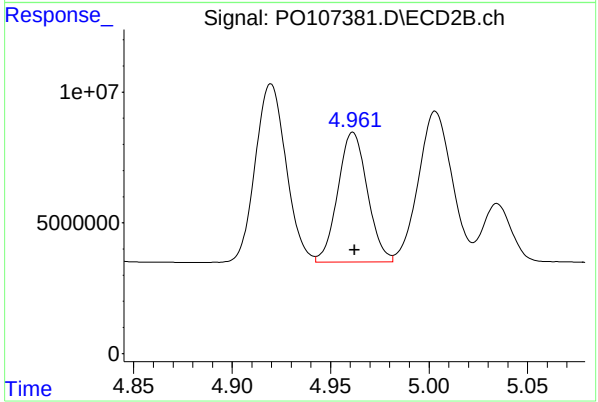
#5 AR-1016-3

R.T.: 4.920 min
Delta R.T.: -0.002 min
Response: 74197504
Conc: 942.24 ng/ml



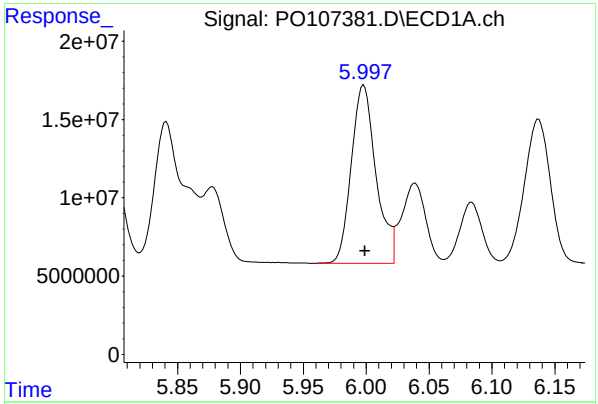
#6 AR-1016-4

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 174048337
Conc: 903.62 ng/ml



#6 AR-1016-4

R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 51879153
Conc: 784.76 ng/ml



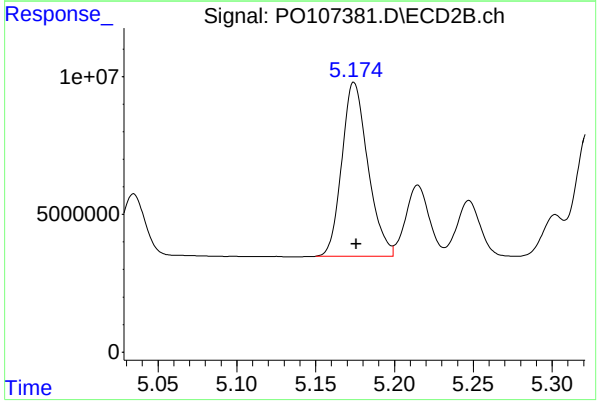
#7 AR-1016-5

R.T.: 5.998 min
Delta R.T.: 0.000 mi
Response: 155391408
Conc: 850.74 ng/m

Instrument :
ECD_O
ClientSampleId :
PT-PCB-SOILDL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



#7 AR-1016-5

R.T.: 5.174 min
Delta R.T.: -0.002 min
Response: 72682888
Conc: 884.93 ng/ml

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/21/24
Project:	NJ Soil PT	Date Received:	10/23/24
Client Sample ID:	PT-PCBO-SOIL	SDG No.:	P4495
Lab Sample ID:	P4495-19	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	1.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO107427.D	1	10/25/24 11:30	10/28/24 13:10	PB164405

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	98.7	U	98.7	495	ug/kg
11104-28-2	Aroclor-1221	18000	E	187	495	ug/kg
11141-16-5	Aroclor-1232	99.0	U	99.0	495	ug/kg
53469-21-9	Aroclor-1242	98.7	U	98.7	495	ug/kg
12672-29-6	Aroclor-1248	230	U	230	495	ug/kg
11097-69-1	Aroclor-1254	79.5	U	79.5	495	ug/kg
37324-23-5	Aroclor-1262	133	U	133	495	ug/kg
11100-14-4	Aroclor-1268	99.9	U	99.9	495	ug/kg
11096-82-5	Aroclor-1260	84.8	U	84.8	495	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	10.4		32 - 144	52%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.8		32 - 175	89%	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_O\Data\PO102824\
Data File : PO107427.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 13:10
Operator : YP/AJ
Sample : P4495-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PT-PCBO-SOIL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 14:15:44 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:34:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.377	3.653	95051201	29490493	10.429	9.163	
2)	SA Decachlor...	10.056	8.638	37713381	48880344	15.372	17.829	
	Target Compounds							
8)	L2 AR-1221-1	4.572	3.864	284.8E6	53846779	2553.914	1485.687	#
9)	L2 AR-1221-2	4.661	3.946	90476500	73859607	1104.486	2537.797	#
10)	L2 AR-1221-3	4.736	4.024	328.1E6	132.6E6	1370.985	1502.628	

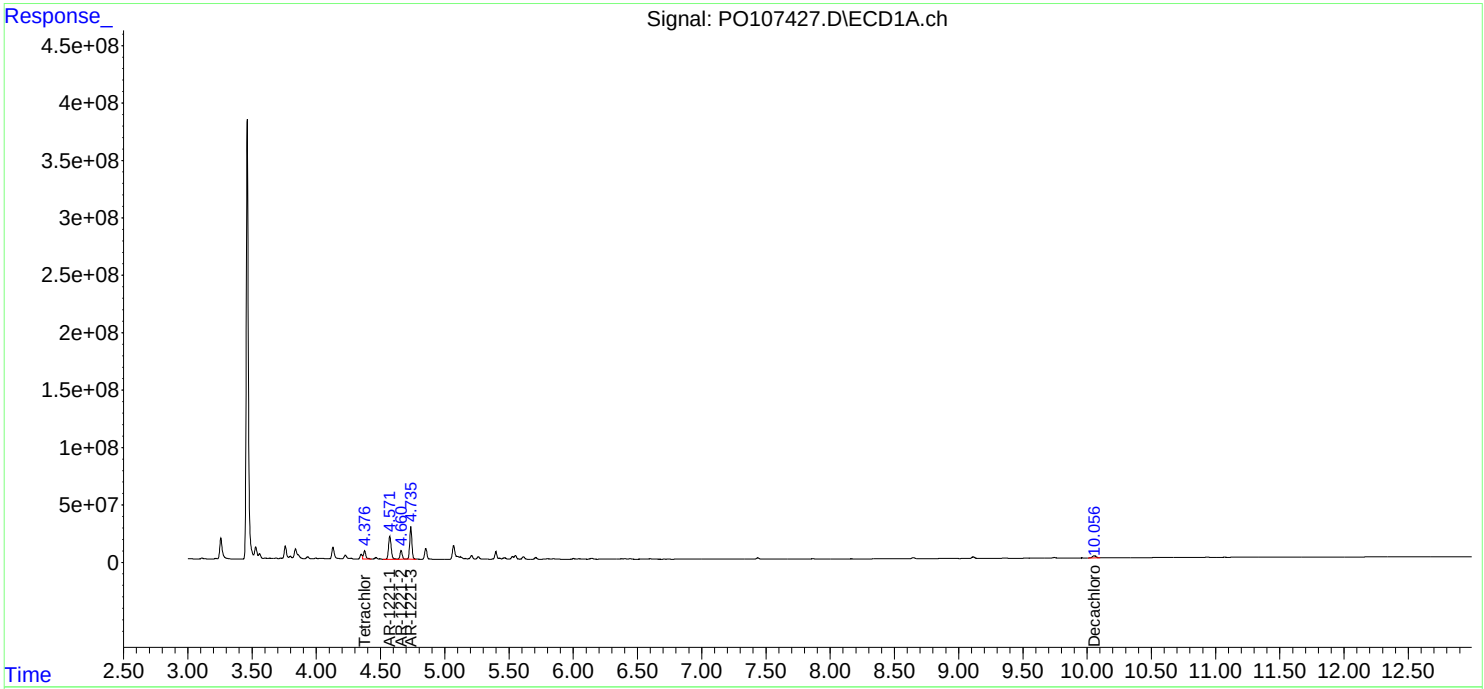
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

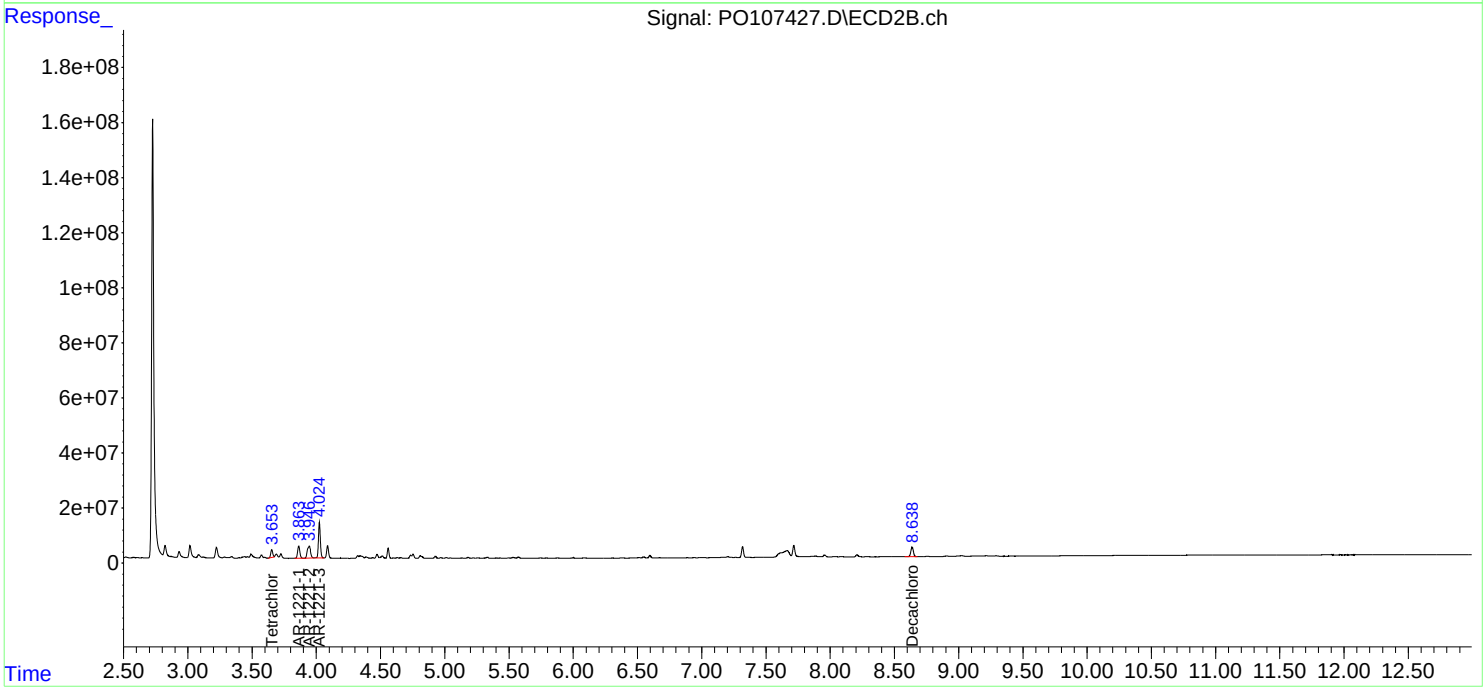
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
Data File : PO107427.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 13:10
Operator : YP/AJ
Sample : P4495-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

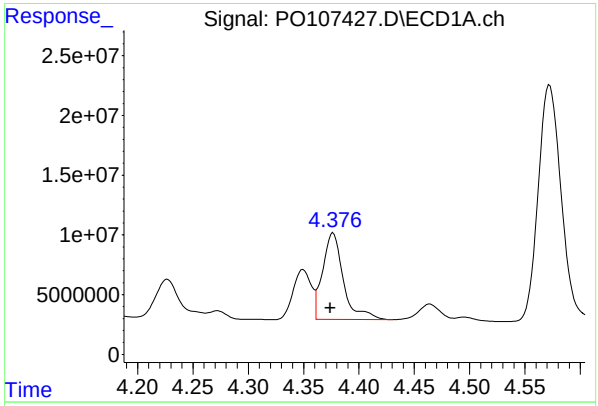
Instrument :
ECD_O
ClientSampleId :
PT-PCBO-SOIL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 14:15:44 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:34:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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



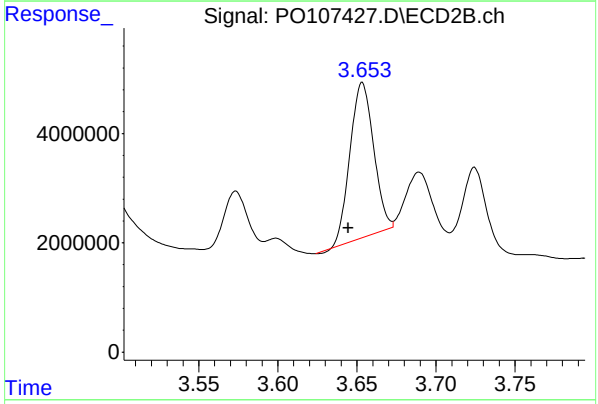




#1 Tetrachloro-m-xylene

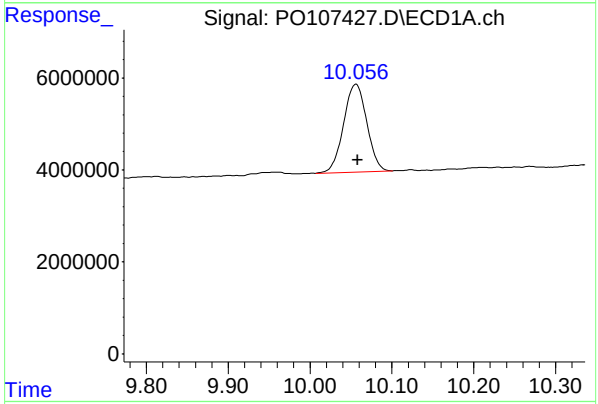
R.T.: 4.377 min
Delta R.T.: 0.003 min
Response: 95051201
Conc: 10.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
PT-PCBO-SOIL



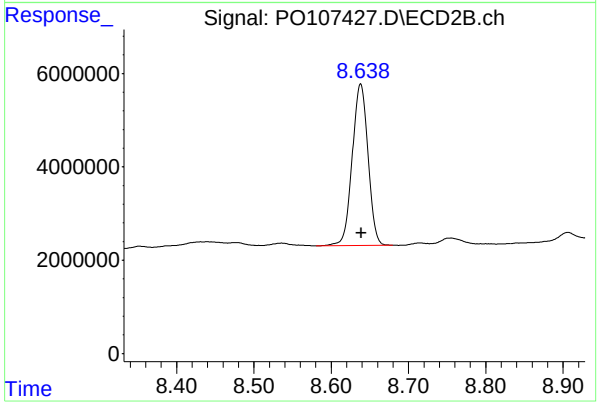
#1 Tetrachloro-m-xylene

R.T.: 3.653 min
Delta R.T.: 0.009 min
Response: 29490493
Conc: 9.16 ng/ml



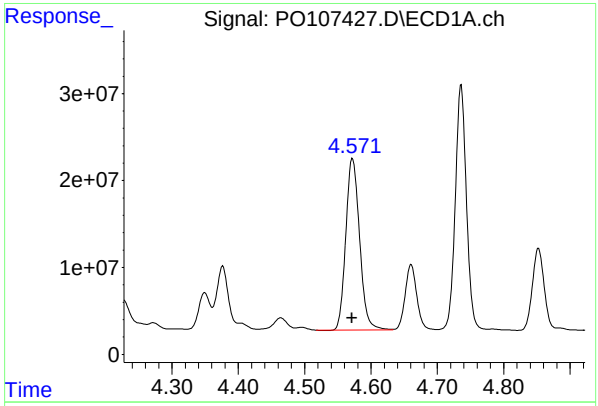
#2 Decachlorobiphenyl

R.T.: 10.056 min
Delta R.T.: -0.002 min
Response: 37713381
Conc: 15.37 ng/ml



#2 Decachlorobiphenyl

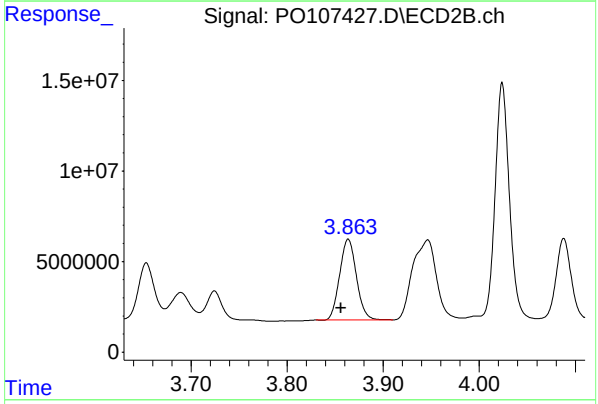
R.T.: 8.638 min
Delta R.T.: 0.000 min
Response: 48880344
Conc: 17.83 ng/ml



#8 AR-1221-1

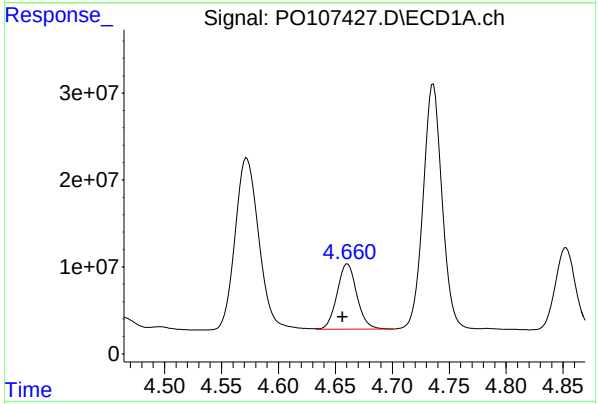
R.T.: 4.572 min
Delta R.T.: 0.001 mi
Response: 284808600
Conc: 2553.91 ng/m

Instrument :
ECD_O
ClientSampleId :
PT-PCBO-SOIL



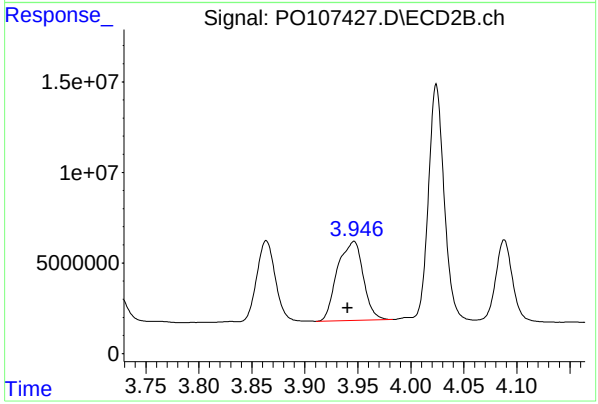
#8 AR-1221-1

R.T.: 3.864 min
Delta R.T.: 0.008 min
Response: 53846779
Conc: 1485.69 ng/ml



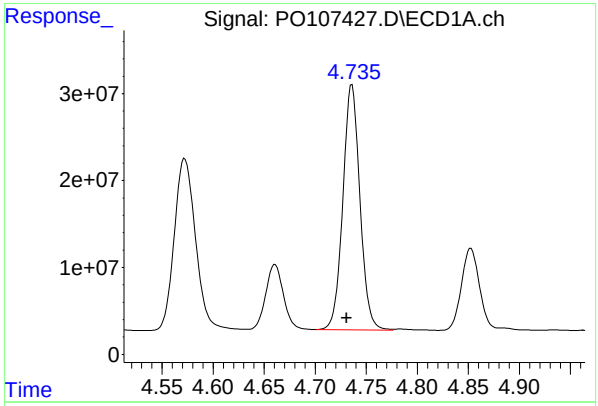
#9 AR-1221-2

R.T.: 4.661 min
Delta R.T.: 0.004 min
Response: 90476500
Conc: 1104.49 ng/ml



#9 AR-1221-2

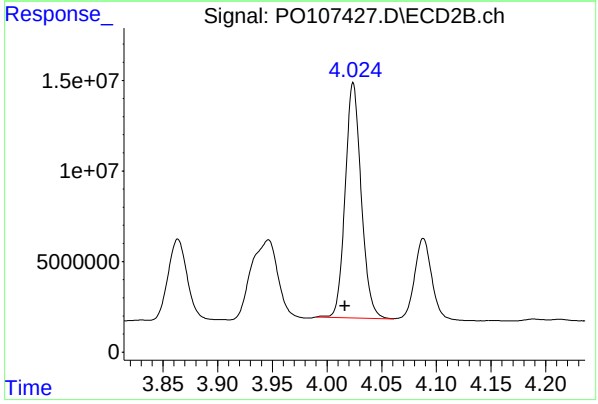
R.T.: 3.946 min
Delta R.T.: 0.006 min
Response: 73859607
Conc: 2537.80 ng/ml



#10 AR-1221-3

R.T.: 4.736 min
Delta R.T.: 0.005 mi
Response: 328062474
Conc: 1370.99 ng/m

Instrument :
ECD_O
ClientSampleId :
PT-PCBO-SOIL



#10 AR-1221-3

R.T.: 4.024 min
Delta R.T.: 0.008 min
Response: 132595043
Conc: 1502.63 ng/ml

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/21/24
Project:	NJ Soil PT	Date Received:	10/23/24
Client Sample ID:	PT-PCBO-SOILDL	SDG No.:	P4495
Lab Sample ID:	P4495-19DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	1.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO107434.D	5	10/25/24 11:30	10/28/24 15:52	PB164405

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	494	UD	494	2500	ug/kg
11104-28-2	Aroclor-1221	18000	D	933	2500	ug/kg
11141-16-5	Aroclor-1232	495	UD	495	2500	ug/kg
53469-21-9	Aroclor-1242	494	UD	494	2500	ug/kg
12672-29-6	Aroclor-1248	1100	UD	1100	2500	ug/kg
11097-69-1	Aroclor-1254	398	UD	398	2500	ug/kg
37324-23-5	Aroclor-1262	666	UD	666	2500	ug/kg
11100-14-4	Aroclor-1268	500	UD	500	2500	ug/kg
11096-82-5	Aroclor-1260	424	UD	424	2500	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	10.5		32 - 144	52%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.5		32 - 175	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_O\Data\PO102824\
Data File : PO107434.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 15:52
Operator : YP/AJ
Sample : P4495-19DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PT-PCBO-SOILDL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :Ankita Jodhani 10/29/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 07:27:29 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:34:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.372	3.646	19135851	6753403	2.100	2.098	
2)	SA Decachlor...	10.058	8.635	9556839	10111091	3.895m	3.688	
	Target Compounds							
8)	L2 AR-1221-1	4.568	3.857	57045761	11358616	511.536	313.396	#
9)	L2 AR-1221-2	4.656	3.941	20811697	14698240	254.057	505.028	#
10)	L2 AR-1221-3	4.731	4.018	70779771	27037743	295.791m	306.404	

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
Data File : PO107434.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 15:52
Operator : YP/AJ
Sample : P4495-19DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

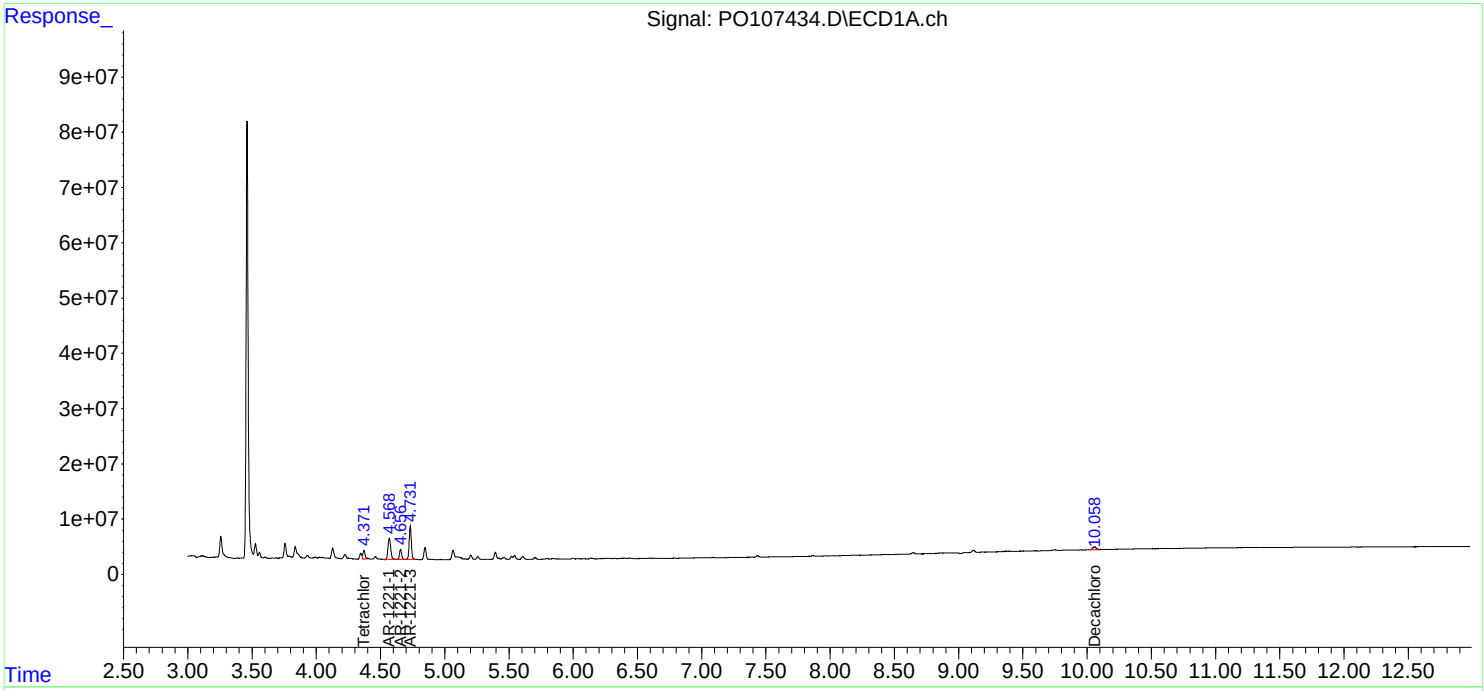
Instrument :
ECD_O
ClientSampleId :
PT-PCBO-SOILDL

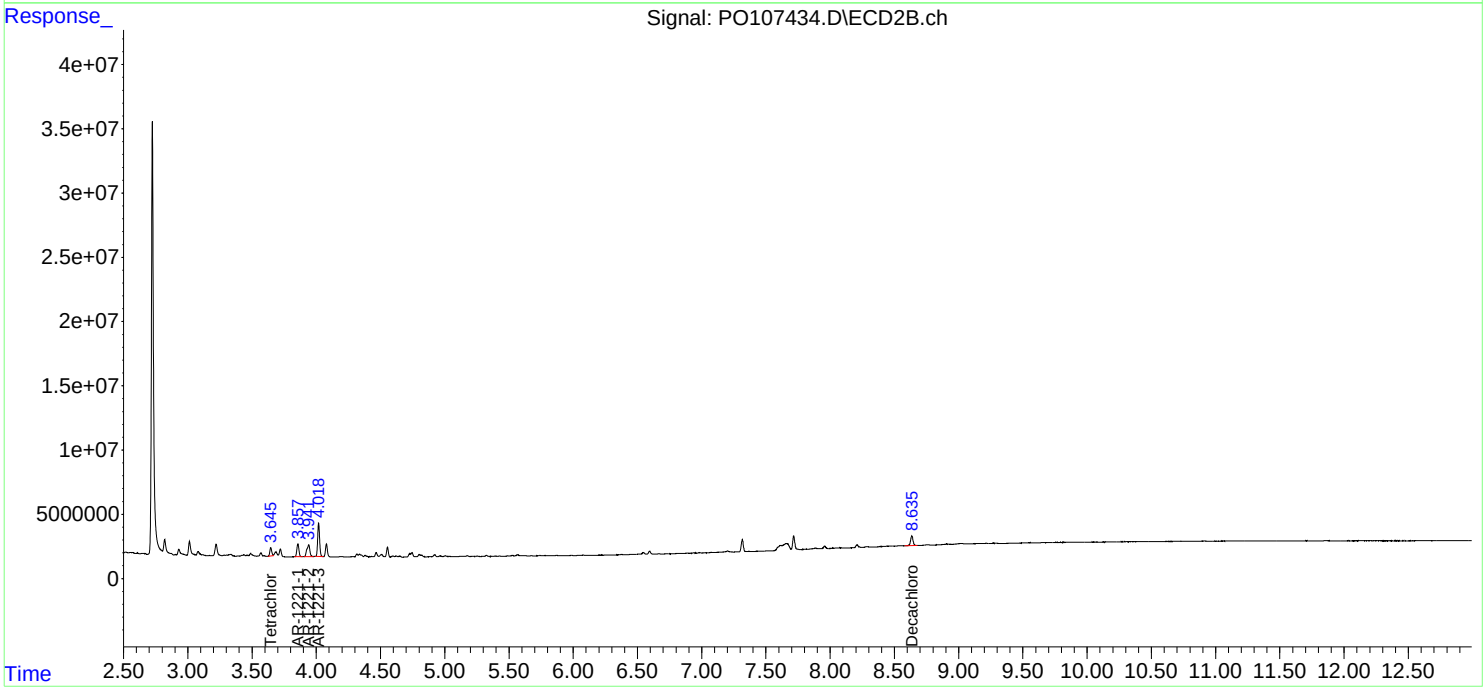
Manual Integrations APPROVED

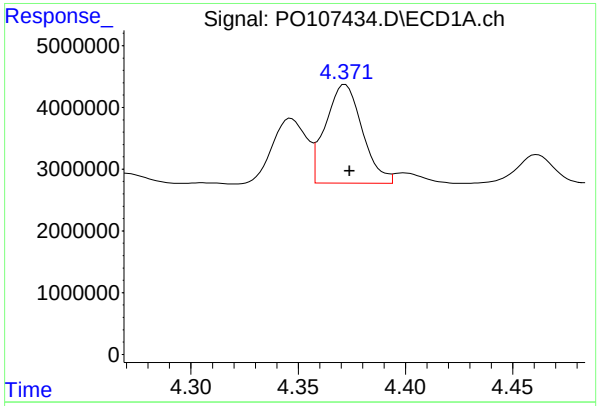
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :Ankita Jodhani 10/29/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 07:27:29 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:34:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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







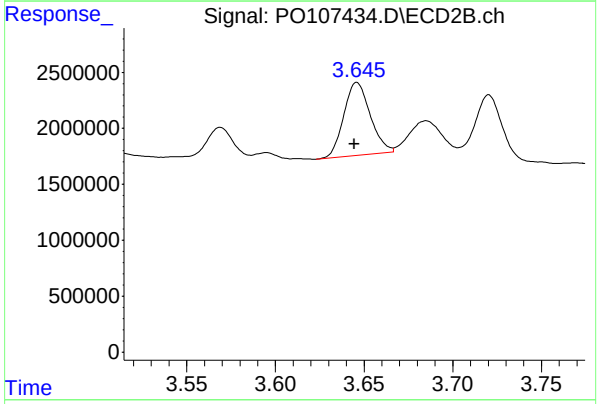
#1 Tetrachloro-m-xylene

R.T.: 4.372 min
Delta R.T.: -0.002 min
Response: 19135851
Conc: 2.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
PT-PCBO-SOILDL

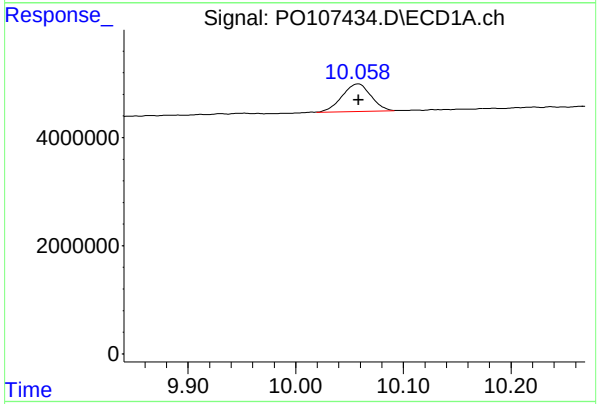
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :Ankita Jodhani 10/29/2024



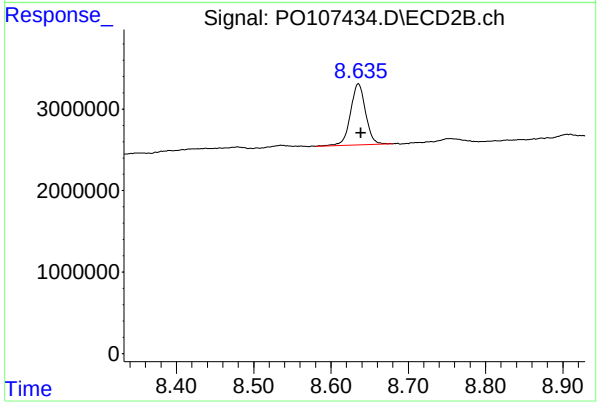
#1 Tetrachloro-m-xylene

R.T.: 3.646 min
Delta R.T.: 0.001 min
Response: 6753403
Conc: 2.10 ng/ml



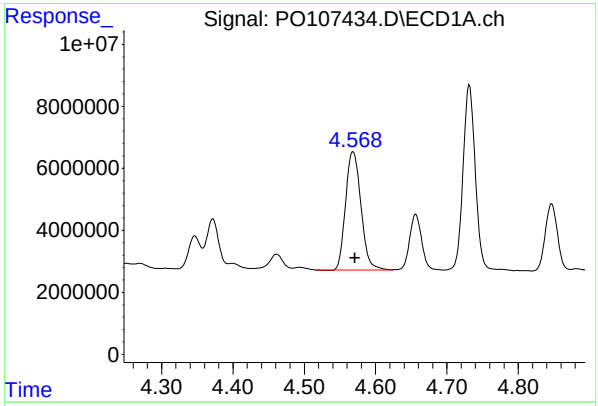
#2 Decachlorobiphenyl

R.T.: 10.058 min
Delta R.T.: 0.000 min
Response: 9556839
Conc: 3.90 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.635 min
Delta R.T.: -0.003 min
Response: 10111091
Conc: 3.69 ng/ml



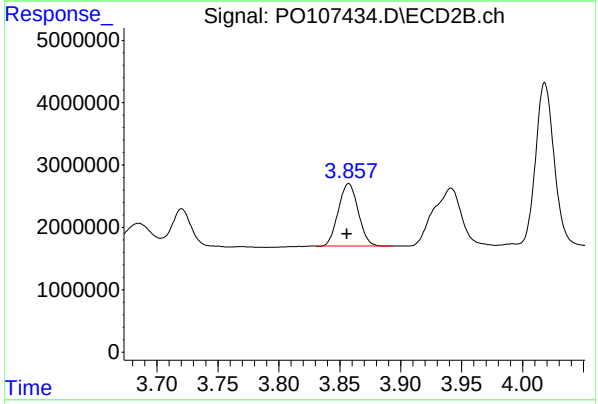
#8 AR-1221-1

R.T.: 4.568 min
Delta R.T.: -0.003 min
Response: 57045761
Conc: 511.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
PT-PCBO-SOILDL

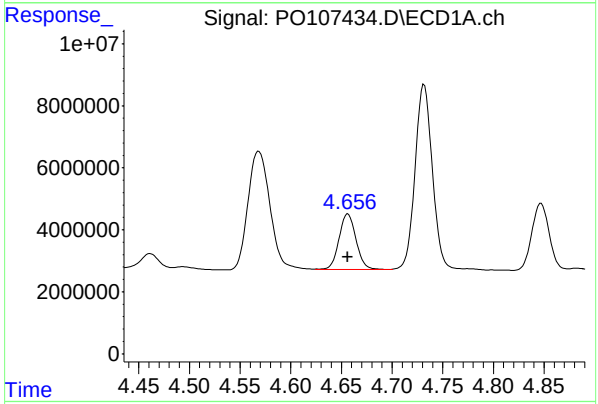
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :Ankita Jodhani 10/29/2024



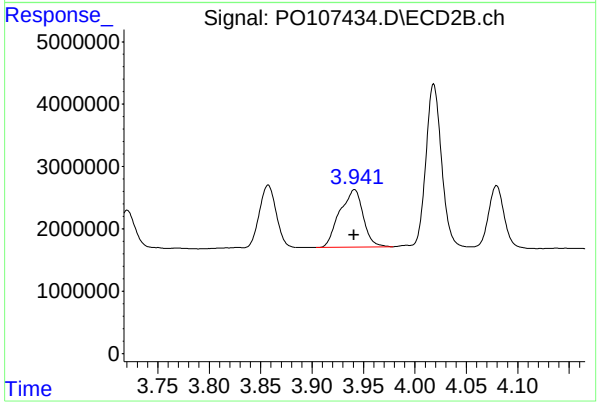
#8 AR-1221-1

R.T.: 3.857 min
Delta R.T.: 0.001 min
Response: 11358616
Conc: 313.40 ng/ml



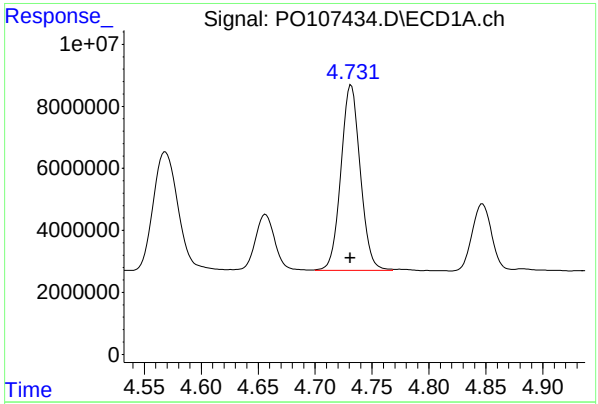
#9 AR-1221-2

R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 20811697
Conc: 254.06 ng/ml



#9 AR-1221-2

R.T.: 3.941 min
Delta R.T.: 0.000 min
Response: 14698240
Conc: 505.03 ng/ml



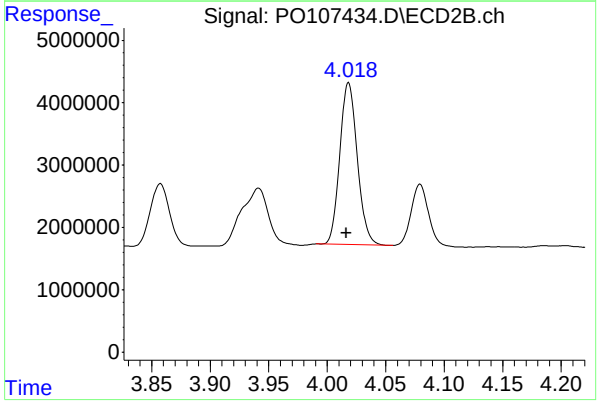
#10 AR-1221-3

R.T.: 4.731 min
Delta R.T.: 0.000 min
Response: 70779771
Conc: 295.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
PT-PCBO-SOILDL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :Ankita Jodhani 10/29/2024



#10 AR-1221-3

R.T.: 4.018 min
Delta R.T.: 0.002 min
Response: 27037743
Conc: 306.40 ng/ml

CALIBRATION SUMMARY

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

RETENTION TIMES OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

Instrument ID: ECD_O **Calibration Date(s):** 10/15/2024 10/16/2024

Calibration Times: 18:27 02:36

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

LAB FILE ID: RT 1000 = PO107184.D RT 750 = PO107185.D

RT 500 = PO107186.D RT 250 = PO107187.D RT 050 = PO107188.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.52	5.52	5.52	5.52	5.52	5.52	5.42	5.62
Aroclor-1016-2	(2)	5.54	5.55	5.55	5.54	5.54	5.54	5.44	5.64
Aroclor-1016-3	(3)	5.61	5.61	5.61	5.61	5.61	5.61	5.51	5.71
Aroclor-1016-4	(4)	5.70	5.70	5.70	5.70	5.70	5.70	5.60	5.80
Aroclor-1016-5	(5)	6.00	6.00	6.00	6.00	6.00	6.00	5.90	6.10
Aroclor-1260-1	(1)	7.12	7.13	7.13	7.12	7.13	7.13	7.03	7.23
Aroclor-1260-2	(2)	7.38	7.38	7.38	7.38	7.38	7.38	7.28	7.48
Aroclor-1260-3	(3)	7.74	7.74	7.74	7.74	7.74	7.74	7.64	7.84
Aroclor-1260-4	(4)	7.97	7.97	7.97	7.97	7.97	7.97	7.87	8.07
Aroclor-1260-5	(5)	8.28	8.28	8.28	8.28	8.28	8.28	8.18	8.38
Decachlorobiphenyl		10.06	10.06	10.06	10.06	10.06	10.06	9.96	10.16
Tetrachloro-m-xylene		4.37	4.37	4.37	4.37	4.37	4.37	4.27	4.47
Aroclor-1242-1	(1)	5.52	5.52	5.52	5.52	5.52	5.52	5.42	5.62
Aroclor-1242-2	(2)	5.55	5.54	5.54	5.54	5.54	5.54	5.44	5.64
Aroclor-1242-3	(3)	5.61	5.61	5.61	5.61	5.61	5.61	5.51	5.71
Aroclor-1242-4	(4)	5.70	5.70	5.70	5.70	5.70	5.70	5.60	5.80
Aroclor-1242-5	(5)	6.44	6.44	6.44	6.44	6.44	6.44	6.34	6.54
Decachlorobiphenyl		10.06	10.06	10.06	10.06	10.06	10.06	9.96	10.16
Tetrachloro-m-xylene		4.37	4.37	4.37	4.37	4.37	4.37	4.27	4.47
Aroclor-1248-1	(1)	5.52	5.52	5.52	5.52	5.52	5.52	5.42	5.62
Aroclor-1248-2	(2)	5.80	5.80	5.80	5.80	5.80	5.80	5.70	5.90
Aroclor-1248-3	(3)	6.00	6.00	6.00	6.00	6.00	6.00	5.90	6.10
Aroclor-1248-4	(4)	6.40	6.40	6.40	6.40	6.40	6.40	6.30	6.50
Aroclor-1248-5	(5)	6.44	6.44	6.44	6.44	6.44	6.44	6.34	6.54
Decachlorobiphenyl		10.06	10.06	10.06	10.06	10.06	10.06	9.96	10.16
Tetrachloro-m-xylene		4.37	4.37	4.37	4.37	4.37	4.37	4.27	4.47
Aroclor-1254-1	(1)	6.37	6.37	6.38	6.37	6.38	6.37	6.27	6.47
Aroclor-1254-2	(2)	6.59	6.59	6.59	6.59	6.59	6.59	6.49	6.69
Aroclor-1254-3	(3)	6.96	6.96	6.96	6.96	6.96	6.96	6.86	7.06
Aroclor-1254-4	(4)	7.24	7.24	7.24	7.24	7.24	7.24	7.14	7.34
Aroclor-1254-5	(5)	7.66	7.66	7.66	7.66	7.66	7.66	7.56	7.76
Decachlorobiphenyl		10.06	10.06	10.06	10.06	10.06	10.06	9.96	10.16
Tetrachloro-m-xylene		4.37	4.37	4.37	4.37	4.37	4.37	4.27	4.47
Aroclor-1268-1	(1)	8.59	8.59	8.59	8.59	8.59	8.59	8.49	8.69
Aroclor-1268-2	(2)	8.68	8.68	8.68	8.68	8.68	8.68	8.58	8.78
Aroclor-1268-3	(3)	8.91	8.91	8.91	8.91	8.91	8.91	8.81	9.01
Aroclor-1268-4	(4)	9.31	9.31	9.31	9.31	9.31	9.31	9.21	9.41
Aroclor-1268-5	(5)	9.72	9.72	9.72	9.72	9.72	9.72	9.62	9.82

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.06	10.06	10.06	10.06	10.06	10.06	9.96	10.16
Tetrachloro-m-xylene	4.37	4.37	4.37	4.37	4.37	4.37	4.27	4.47

Alliance TECHNICAL GROUP
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RETENTION TIMES OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

Instrument ID: ECD_O **Calibration Date(s):** 10/15/2024 10/16/2024

Calibration Times: 18:27 02:36

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

LAB FILE ID: RT 1000 = PO107184.D RT 750 = PO107185.D

RT 500 = PO107186.D RT 250 = PO107187.D RT 050 = PO107188.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.83
Aroclor-1016-2	(2)	4.75	4.75	4.75	4.75	4.75	4.75	4.65	4.85
Aroclor-1016-3	(3)	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Aroclor-1016-4	(4)	4.96	4.96	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1016-5	(5)	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
Aroclor-1260-1	(1)	6.21	6.21	6.21	6.21	6.21	6.21	6.11	6.31
Aroclor-1260-2	(2)	6.39	6.39	6.39	6.39	6.40	6.39	6.29	6.49
Aroclor-1260-3	(3)	6.55	6.55	6.55	6.55	6.55	6.55	6.45	6.65
Aroclor-1260-4	(4)	7.02	7.02	7.02	7.02	7.02	7.02	6.92	7.12
Aroclor-1260-5	(5)	7.26	7.26	7.26	7.26	7.26	7.26	7.16	7.36
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.64	3.64	3.65	3.64	3.64	3.64	3.54	3.74
Aroclor-1242-1	(1)	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.83
Aroclor-1242-2	(2)	4.75	4.75	4.75	4.75	4.75	4.75	4.65	4.85
Aroclor-1242-3	(3)	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Aroclor-1242-4	(4)	5.00	5.01	5.00	5.01	5.00	5.00	4.90	5.10
Aroclor-1242-5	(5)	5.53	5.53	5.53	5.53	5.53	5.53	5.43	5.63
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.64	3.64	3.64	3.65	3.64	3.64	3.54	3.74
Aroclor-1248-1	(1)	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.83
Aroclor-1248-2	(2)	4.96	4.96	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1248-3	(3)	5.00	5.00	5.00	5.00	5.00	5.00	4.90	5.10
Aroclor-1248-4	(4)	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
Aroclor-1248-5	(5)	5.57	5.57	5.57	5.57	5.57	5.57	5.47	5.67
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.64	3.64	3.64	3.64	3.64	3.64	3.54	3.74
Aroclor-1254-1	(1)	5.53	5.53	5.53	5.53	5.53	5.53	5.43	5.63
Aroclor-1254-2	(2)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1254-3	(3)	6.08	6.08	6.08	6.08	6.08	6.08	5.98	6.18
Aroclor-1254-4	(4)	6.30	6.30	6.30	6.31	6.30	6.30	6.20	6.40
Aroclor-1254-5	(5)	6.72	6.72	6.72	6.72	6.72	6.72	6.62	6.82
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.65	3.64	3.64	3.64	3.65	3.64	3.54	3.74
Aroclor-1268-1	(1)	7.54	7.54	7.54	7.54	7.54	7.54	7.44	7.64
Aroclor-1268-2	(2)	7.61	7.61	7.61	7.61	7.61	7.61	7.51	7.71
Aroclor-1268-3	(3)	7.81	7.81	7.81	7.81	7.81	7.81	7.71	7.91
Aroclor-1268-4	(4)	8.10	8.10	8.10	8.10	8.10	8.10	8.00	8.20
Aroclor-1268-5	(5)	8.39	8.39	8.39	8.39	8.39	8.39	8.29	8.49

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene	3.65	3.64	3.65	3.64	3.65	3.65	3.55	3.75

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

Instrument ID: ECD_O **Calibration Date(s):** 10/15/2024 10/16/2024

Calibration Times: 18:27 02:36

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

LAB FILE ID: **CF 1000 =** PO107184.D **CF 750 =** PO107185.D

CF 500 = PO107186.D **CF 250 =** PO107187.D **CF 050 =** PO107188.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	252081604	261702867	271939076	291118488	272229420	269814291	5
Aroclor-1016-2	(2)	373760062	383028583	397887352	419075308	410673320	396884925	5
Aroclor-1016-3	(3)	234678633	244145249	256575754	276405664	244042480	251169556	6
Aroclor-1016-4	(4)	185622493	193848624	202963902	215081552	165543020	192611918	10
Aroclor-1016-5	(5)	176326470	182141932	191487930	203514892	159796500	182653545	9
Aroclor-1260-1	(1)	238480871	246497651	259155974	277220676	271587560	258588546	6
Aroclor-1260-2	(2)	243402558	251747185	264083512	284216460	272650860	263220115	6
Aroclor-1260-3	(3)	167353086	171560129	181491762	195138068	183182660	179745141	6
Aroclor-1260-4	(4)	162125557	166999933	175289716	187582032	185522120	175503872	6
Aroclor-1260-5	(5)	268686175	273623828	283035894	299271412	297351500	284393762	5
Decachlorobiphenyl		2362750210	2427138920	2496479000	2603827440	2376686800	2453376474	4
Tetrachloro-m-xylene		8902656430	9087809293	9285762860	9548006280	8745262400	9113899453	3
Aroclor-1242-1	(1)	207947063	205572916	222208808	238956456	243522880	223641625	8
Aroclor-1242-2	(2)	302439626	299949616	323550412	342804408	348858880	323520588	7
Aroclor-1242-3	(3)	191912697	193178427	209638152	224306728	225847640	208976729	8
Aroclor-1242-4	(4)	150447174	145338196	162797508	173135964	168308740	160005516	7
Aroclor-1242-5	(5)	141009343	143408436	153689098	164623016	179679780	156481935	10
Decachlorobiphenyl		2339420350	2427742867	2492700840	2551827400	2426410200	2447620331	3
Tetrachloro-m-xylene		8860043620	8651743680	9146784160	9504075440	9174828800	9067495140	4
Aroclor-1248-1	(1)	155913014	164800668	175191332	184609772	188867720	173876501	8
Aroclor-1248-2	(2)	222845576	238202488	253637968	270074056	280366620	253025342	9
Aroclor-1248-3	(3)	231904923	246233752	259706092	274388212	266197800	255686156	7
Aroclor-1248-4	(4)	237210289	246633865	260533272	272872732	271860120	257822056	6
Aroclor-1248-5	(5)	236273499	246591072	260733536	276314120	280304600	260043365	7
Decachlorobiphenyl		2339780580	2371533013	2504089680	2566158680	2396701200	2435652631	4
Tetrachloro-m-xylene		8719403610	9119992693	9358904180	9492784200	8995773400	9137371617	3
Aroclor-1254-1	(1)	246822697	256579683	264992242	286189960	289157060	268748328	7
Aroclor-1254-2	(2)	348120894	361641555	373031238	401237980	402995760	377405485	6
Aroclor-1254-3	(3)	336293322	345653409	355909306	378498460	372630440	357796987	5
Aroclor-1254-4	(4)	213138598	220171503	227187688	242530220	244046960	229414994	6
Aroclor-1254-5	(5)	194609638	201069208	205869028	220139672	216546640	207646837	5
Decachlorobiphenyl		2357746210	2401897693	2508594000	2601578200	2359367400	2445836701	4
Tetrachloro-m-xylene		8883763230	9164627320	9184369060	9508828480	8791509400	9106619498	3
Aroclor-1268-1	(1)	351862425	352413819	364622844	381760528	369380480	364008019	3

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	313096403	314491445	324862806	339637696	320299560	322477582	3
Aroclor-1268-3	(3)	272236453	272760276	282620036	293538700	275661940	279363481	3
Aroclor-1268-4	(4)	112236308	111261111	114714594	116428084	101458340	111219687	5
Aroclor-1268-5	(5)	836674479	833098204	847063314	864357444	781067560	832452200	4
Decachlorobiphenyl		4074190590	4136234160	4241958160	4399826360	4004084600	4171258774	4
Tetrachloro-m-xylene		9139601460	8935957933	9311606620	9495189880	8951901000	9166851379	3

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

Instrument ID: ECD_O **Calibration Date(s):** 10/15/2024 10/16/2024

Calibration Times: 18:27 02:36

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

LAB FILE ID: **CF 1000 =** PO107184.D **CF 750 =** PO107185.D

CF 500 = PO107186.D **CF 250 =** PO107187.D **CF 050 =** PO107188.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	98519363	99934743	102532802	106601384	108740020	103265662	4
Aroclor-1016-2	(2)	140533795	142751421	144315942	146877552	130360060	140967754	5
Aroclor-1016-3	(3)	75819146	77111448	78799028	81783348	80215260	78745646	3
Aroclor-1016-4	(4)	61532960	63413097	65607722	69564368	70423600	66108349	6
Aroclor-1016-5	(5)	78878086	80970861	83522668	86940988	80356660	82133853	4
Aroclor-1260-1	(1)	150450531	152030172	155131756	161942364	156218200	155154605	3
Aroclor-1260-2	(2)	173752920	181526657	184104290	189736236	151457920	176115605	8
Aroclor-1260-3	(3)	168454604	170292340	172108108	175991544	151894120	167748143	6
Aroclor-1260-4	(4)	143637024	144895129	147115166	150514212	137242140	144680734	3
Aroclor-1260-5	(5)	340738400	339782780	336796716	340391952	289493480	329440666	7
Decachlorobiphenyl		2730622670	2745732653	2784792900	2852828640	2594005000	2741596373	3
Tetrachloro-m-xylene		3312014480	3338472613	3349065240	3230716080	2862214000	3218496483	6
Aroclor-1242-1	(1)	80390662	80447493	83937762	87266896	86674240	83743411	4
Aroclor-1242-2	(2)	114487494	111266404	117741916	120667112	114031640	115638913	3
Aroclor-1242-3	(3)	61817452	60461905	64396992	66865868	63624080	63433259	4
Aroclor-1242-4	(4)	60582529	60636219	64384594	68045260	66598220	64049364	5
Aroclor-1242-5	(5)	73763103	75675432	77215916	80736528	80226620	77523520	4
Decachlorobiphenyl		2686985320	2764418280	2764436780	2798541920	2665265400	2735929540	2
Tetrachloro-m-xylene		3315724680	3241948653	3341198040	3335574400	2920075400	3230904235	6
Aroclor-1248-1	(1)	60218805	63038185	64879120	66667236	62402400	63441149	4
Aroclor-1248-2	(2)	85173308	89108361	93061950	96541480	93540340	91485088	5
Aroclor-1248-3	(3)	89257070	93226611	97377878	100891904	96212540	95393201	5
Aroclor-1248-4	(4)	105934439	110533117	114760412	117772688	111691080	112138347	4
Aroclor-1248-5	(5)	102828085	105359652	109801380	114217964	119140640	110269544	6
Decachlorobiphenyl		2669365810	2682497173	2791873700	2836714480	2679938000	2732077833	3
Tetrachloro-m-xylene		3278417600	3389239440	3425836480	3362184040	2965722400	3284279992	6
Aroclor-1254-1	(1)	159855276	163854537	165548332	171717704	162964860	164788142	3
Aroclor-1254-2	(2)	138468840	142269335	144546922	151325972	148203140	144962842	3
Aroclor-1254-3	(3)	227061110	231385951	232213406	238575248	218867080	229620559	3
Aroclor-1254-4	(4)	128242906	130249965	131325350	135207044	122091880	129423429	4
Aroclor-1254-5	(5)	191904554	195153152	195378104	201188864	171636600	191052255	6
Decachlorobiphenyl		2726927150	2738190720	2773447120	2836815760	2598739800	2734824110	3
Tetrachloro-m-xylene		3347799560	3397335627	3354246660	3362236280	2930639600	3278451545	6
Aroclor-1268-1	(1)	419191400	409991492	413863584	410849472	368955300	404570250	5

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	389672996	380096764	383518208	378699872	334345600	373266688	6
Aroclor-1268-3	(3)	345284332	337828173	339535756	338755760	307004380	333681680	5
Aroclor-1268-4	(4)	129107993	127445005	127285362	129260796	113749480	125369727	5
Aroclor-1268-5	(5)	1049237500	1019311260	1017080130	996315476	856840280	987756929	8
Decachlorobiphenyl		4873889790	4739451973	4823511780	4890043960	4430545400	4751488581	4
Tetrachloro-m-xylene		3440286630	3329771373	3416104800	3331345720	2963806400	3296262985	6

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

Instrument ID: ECD_O **Date(s) Analyzed:** 10/15/2024 10/16/2024

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.57	4.47	4.67	110010000
		2	4.66	4.56	4.76	78836600
		3	4.73	4.63	4.83	234100000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.73	4.63	4.83	195844000
		2	5.26	5.16	5.36	103025000
		3	5.54	5.44	5.64	179001000
		4	5.70	5.60	5.80	90165400
		5	5.80	5.70	5.90	65903200
Aroclor-1262	500	1	7.74	7.64	7.84	245548000
		2	8.28	8.18	8.38	309420000
		3	8.59	8.49	8.69	209196000
		4	8.68	8.58	8.78	163066000
		5	9.32	9.22	9.42	102764000

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

Instrument ID: ECD_O **Date(s) Analyzed:** 10/15/2024 10/16/2024

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.86	3.76	3.96	34895600
		2	3.94	3.84	4.04	26624800
		3	4.02	3.92	4.12	81218600
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.02	3.92	4.12	67327000
		2	4.75	4.65	4.85	63205200
		3	4.92	4.82	5.02	34475000
		4	5.00	4.90	5.10	31466000
		5	5.18	5.08	5.28	33083400
Aroclor-1262	500	1	6.76	6.66	6.86	212876000
		2	7.26	7.16	7.36	363332000
		3	7.54	7.44	7.64	137384000
		4	7.61	7.51	7.71	264574000
		5	8.10	8.00	8.20	112833000

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107184.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 18:27
Operator : YP/AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 01:24:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 01:21:45 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.372	3.644	890.3E6	331.2E6	95.874	98.894
2)	SA Decachlor...	10.059	8.639	236.3E6	273.1E6	94.643	98.055
	Target Compounds						
3)	L1 AR-1016-1	5.521	4.726	252.1E6	98519363	926.978	960.857
4)	L1 AR-1016-2	5.544	4.745	373.8E6	140.5E6	939.362	973.793
5)	L1 AR-1016-3	5.606	4.921	234.7E6	75819146	914.656	962.184
6)	L1 AR-1016-4	5.703	4.962	185.6E6	61532960	914.559	937.892
7)	L1 AR-1016-5	5.998	5.175	176.3E6	78878086	920.823	944.391
31)	L7 AR-1260-1	7.124	6.207	238.5E6	150.5E6	920.221	969.824
32)	L7 AR-1260-2	7.381	6.393	243.4E6	173.8E6	921.688	943.774
33)	L7 AR-1260-3	7.743	6.547	167.4E6	168.5E6	922.097	978.772
34)	L7 AR-1260-4	7.967	7.018	162.1E6	143.6E6	924.901	976.358
35)	L7 AR-1260-5	8.281	7.258	268.7E6	340.7E6	949.301	1011.703

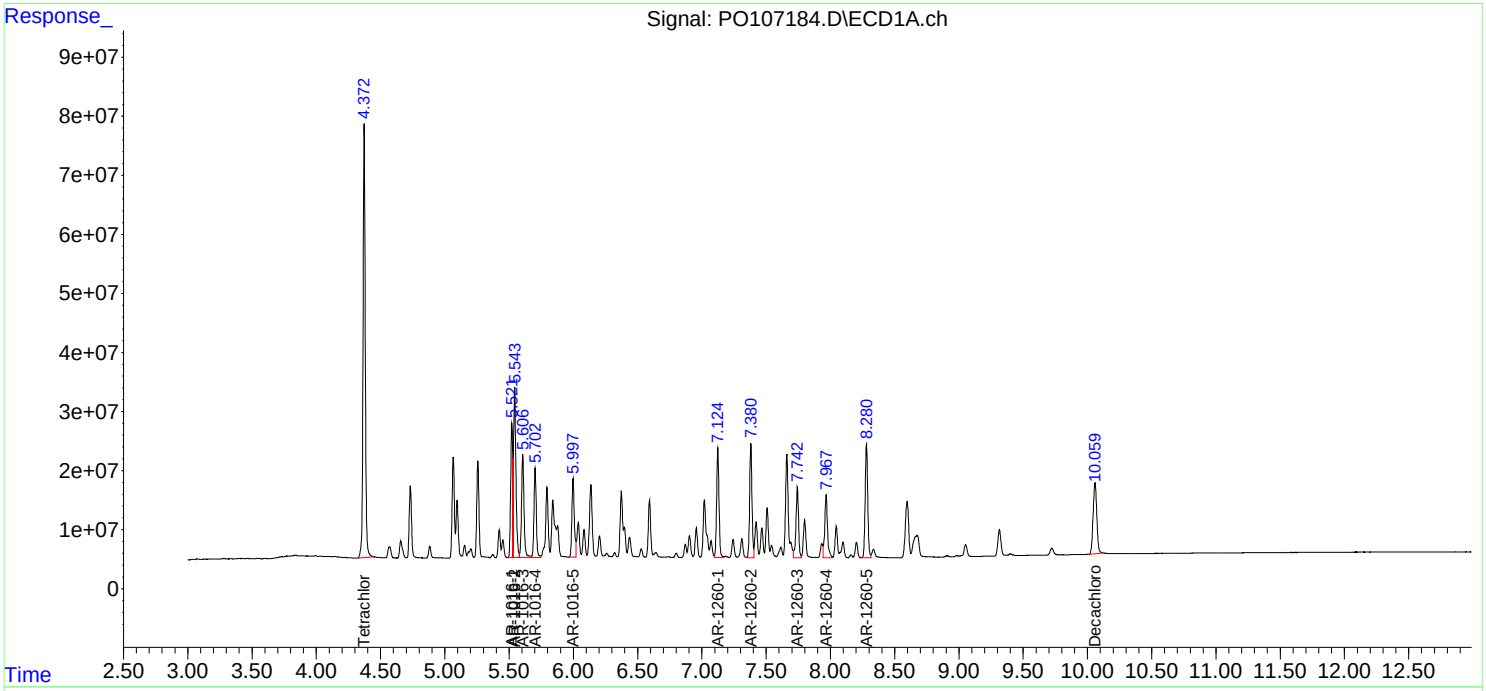
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

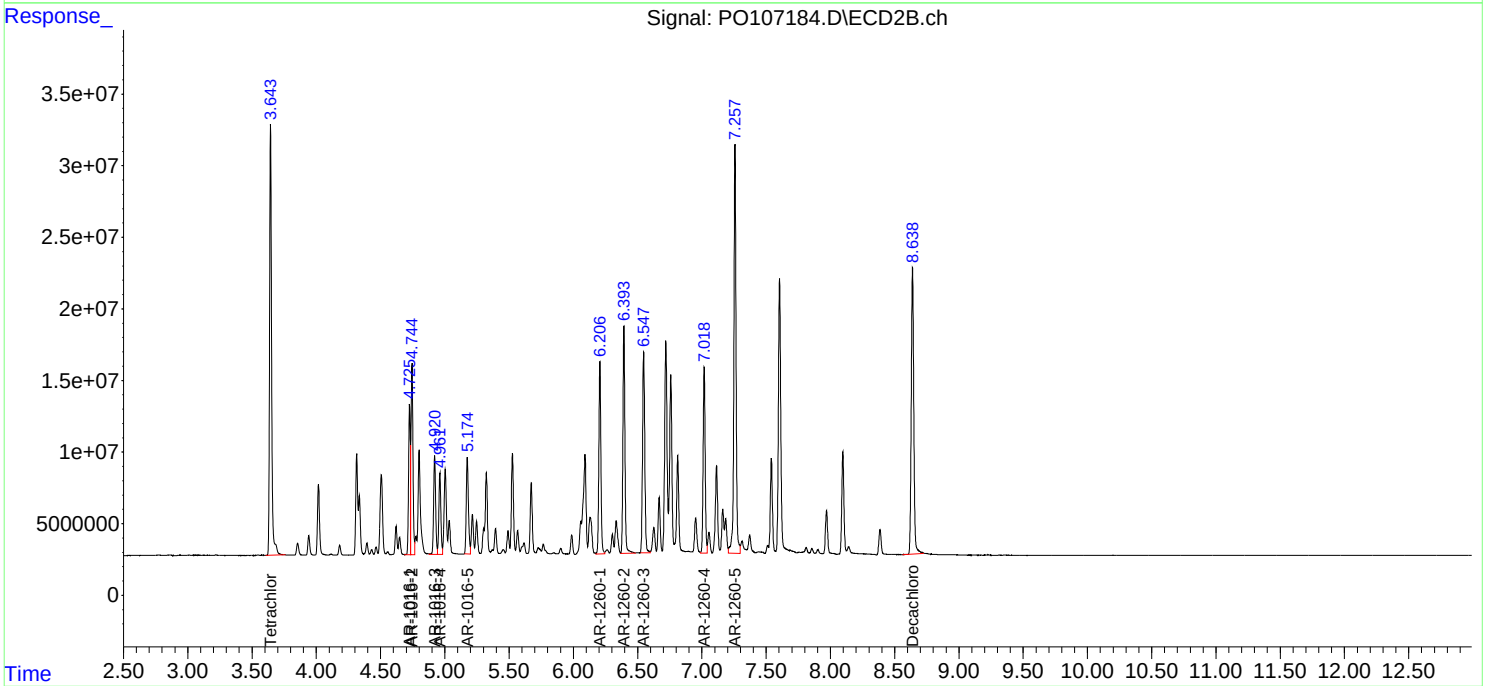
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107184.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 18:27
Operator : YP/AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

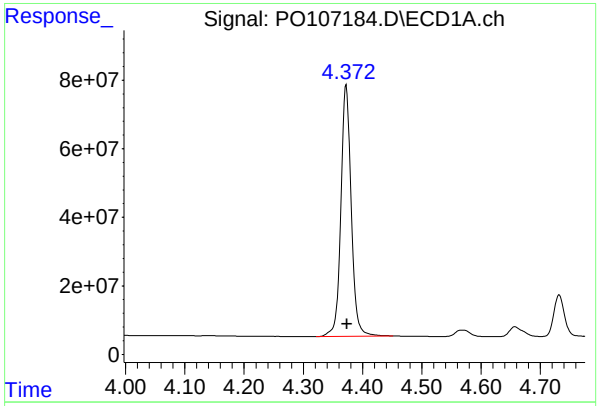
Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 01:24:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 01:21:45 2024
Response via : Initial Calibration
Integrator: ChemStation

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



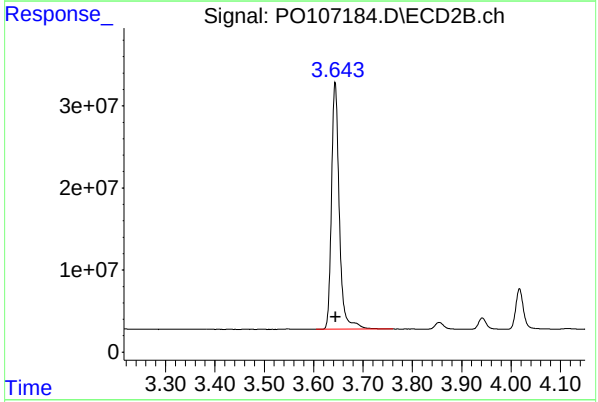




#1 Tetrachloro-m-xylene

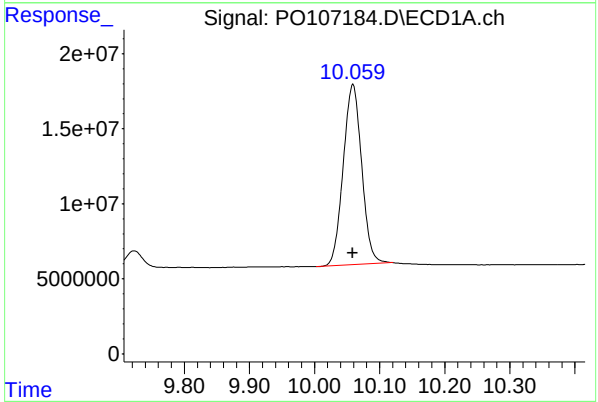
R.T.: 4.372 min
Delta R.T.: -0.002 min
Response: 890265643
Conc: 95.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



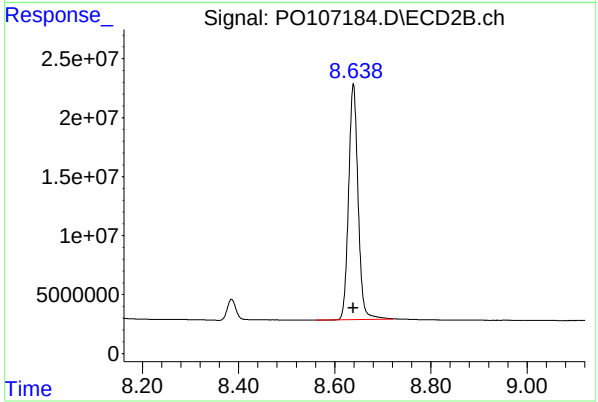
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 331201448
Conc: 98.89 ng/ml



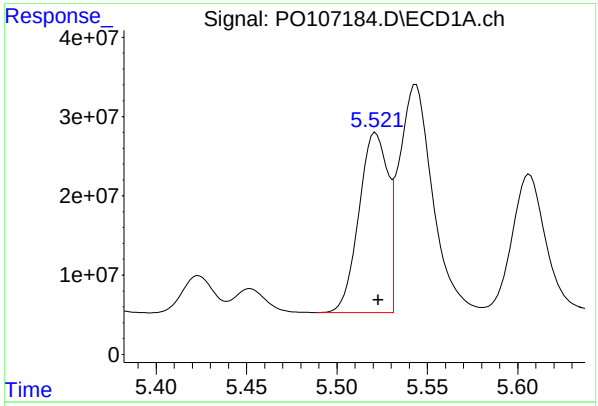
#2 Decachlorobiphenyl

R.T.: 10.059 min
Delta R.T.: 0.000 min
Response: 236275021
Conc: 94.64 ng/ml



#2 Decachlorobiphenyl

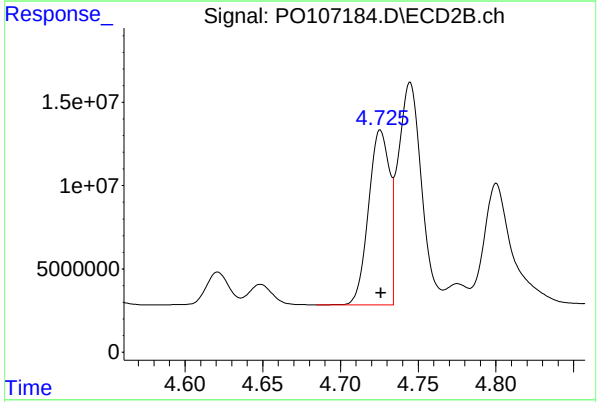
R.T.: 8.639 min
Delta R.T.: 0.000 min
Response: 273062267
Conc: 98.05 ng/ml



#3 AR-1016-1

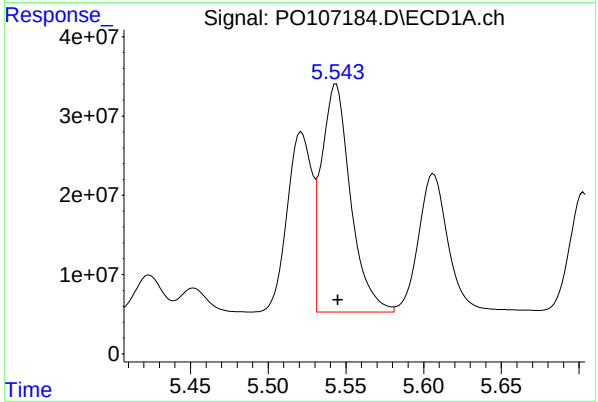
R.T.: 5.521 min
Delta R.T.: -0.001 min
Response: 252081604
Conc: 926.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



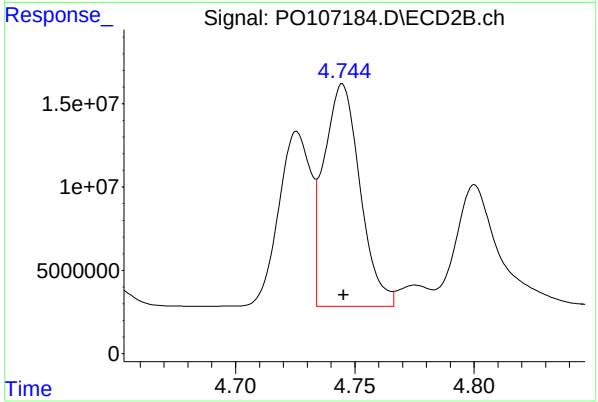
#3 AR-1016-1

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 98519363
Conc: 960.86 ng/ml



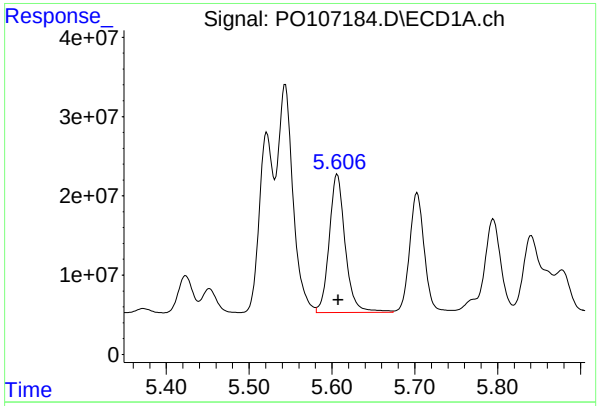
#4 AR-1016-2

R.T.: 5.544 min
Delta R.T.: -0.001 min
Response: 373760062
Conc: 939.36 ng/ml



#4 AR-1016-2

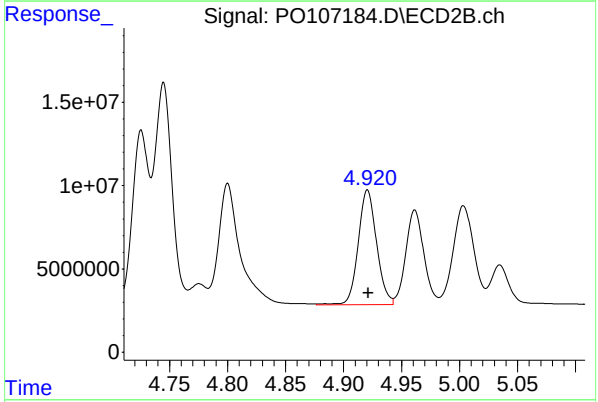
R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 140533795
Conc: 973.79 ng/ml



#5 AR-1016-3

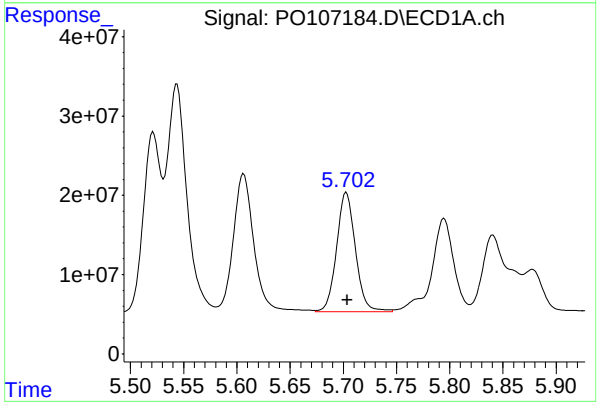
R.T.: 5.606 min
Delta R.T.: -0.001 min
Response: 234678633
Conc: 914.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



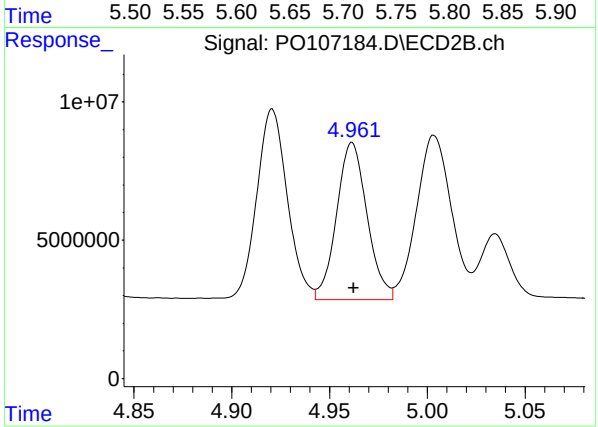
#5 AR-1016-3

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 75819146
Conc: 962.18 ng/ml



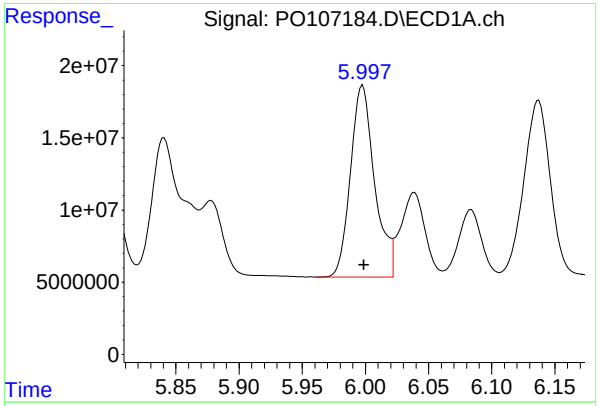
#6 AR-1016-4

R.T.: 5.703 min
Delta R.T.: -0.001 min
Response: 185622493
Conc: 914.56 ng/ml



#6 AR-1016-4

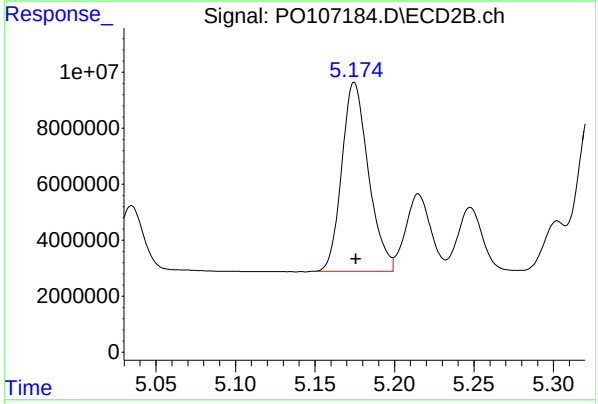
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 61532960
Conc: 937.89 ng/ml



#7 AR-1016-5

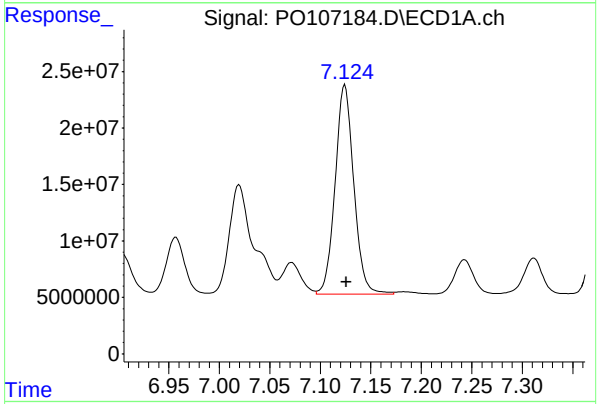
R.T.: 5.998 min
Delta R.T.: -0.001 min
Response: 176326470
Conc: 920.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



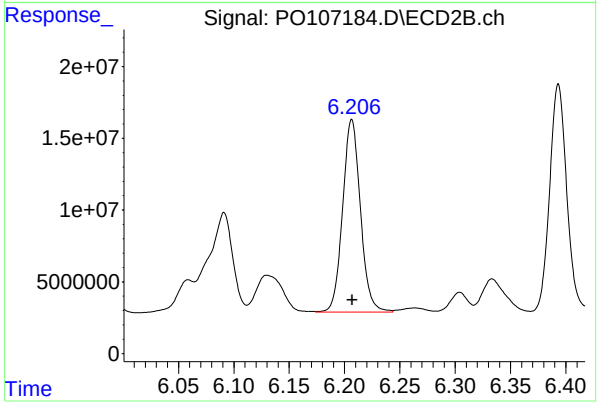
#7 AR-1016-5

R.T.: 5.175 min
Delta R.T.: -0.001 min
Response: 78878086
Conc: 944.39 ng/ml



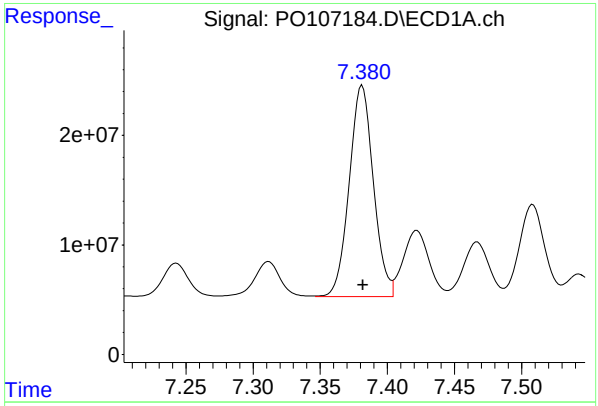
#31 AR-1260-1

R.T.: 7.124 min
Delta R.T.: -0.001 min
Response: 238480871
Conc: 920.22 ng/ml



#31 AR-1260-1

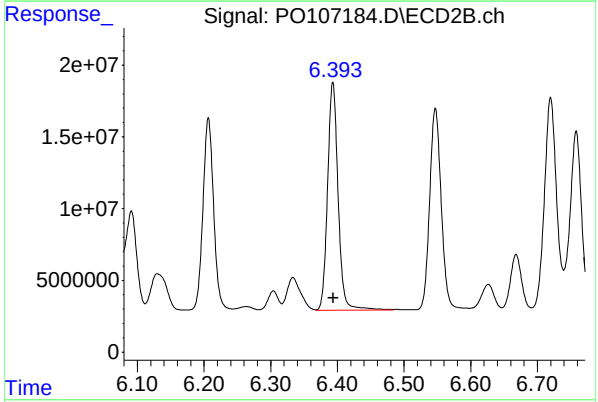
R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 150450531
Conc: 969.82 ng/ml



#32 AR-1260-2

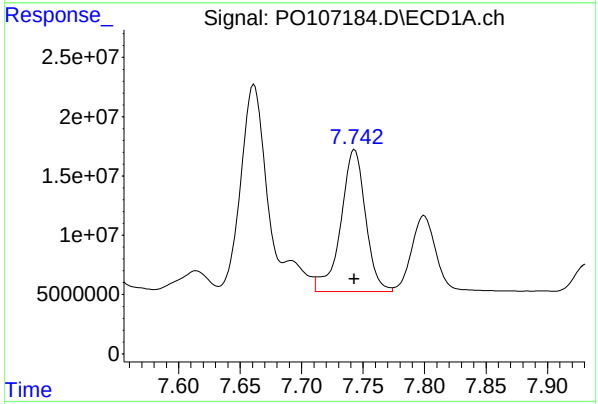
R.T.: 7.381 min
Delta R.T.: 0.000 min
Response: 243402558
Conc: 921.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



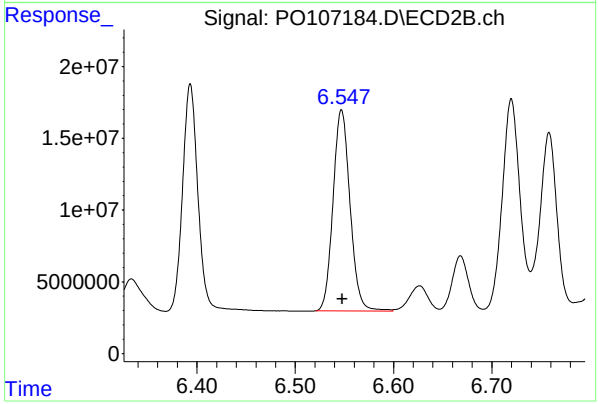
#32 AR-1260-2

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 173752920
Conc: 943.77 ng/ml



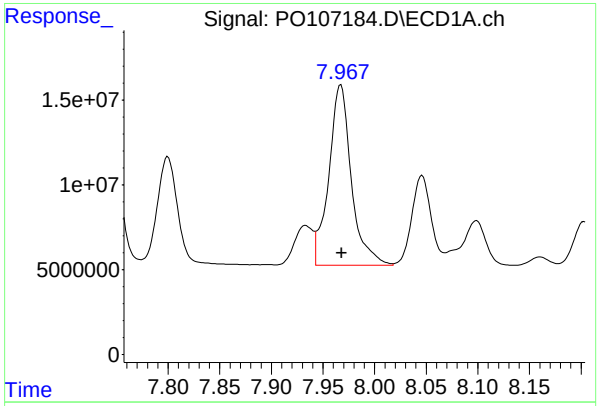
#33 AR-1260-3

R.T.: 7.743 min
Delta R.T.: 0.000 min
Response: 167353086
Conc: 922.10 ng/ml



#33 AR-1260-3

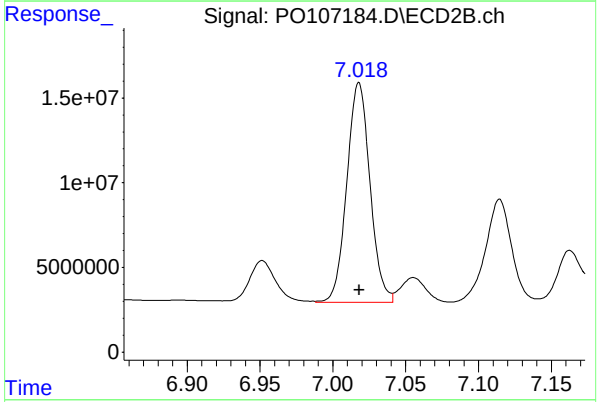
R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 168454604
Conc: 978.77 ng/ml



#34 AR-1260-4

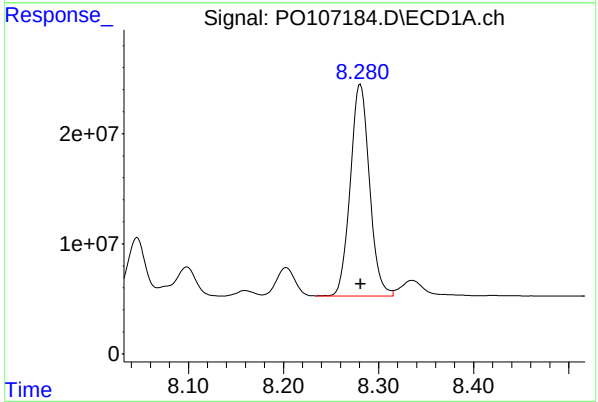
R.T.: 7.967 min
Delta R.T.: 0.000 min
Response: 162125557
Conc: 924.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



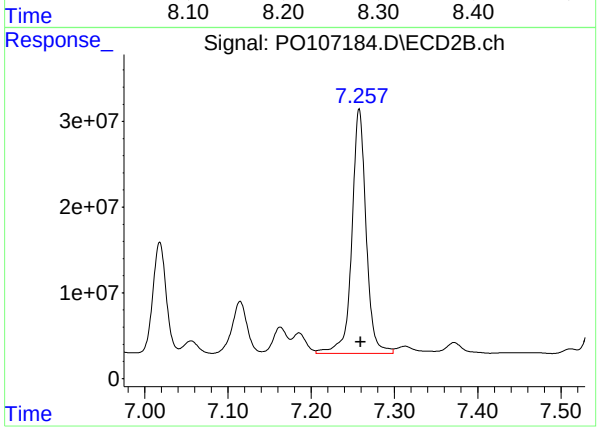
#34 AR-1260-4

R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 143637024
Conc: 976.36 ng/ml



#35 AR-1260-5

R.T.: 8.281 min
Delta R.T.: 0.000 min
Response: 268686175
Conc: 949.30 ng/ml



#35 AR-1260-5

R.T.: 7.258 min
Delta R.T.: -0.001 min
Response: 340738400
Conc: 1011.70 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107185.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 18:45
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 01:24:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 01:21:45 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.374	3.644	681.6E6	250.4E6	73.401	74.763
2)	SA Decachlor...	10.059	8.639	182.0E6	205.9E6	72.917	73.948
	Target Compounds						
3)	L1 AR-1016-1	5.523	4.726	196.3E6	74951057	721.769	730.996
4)	L1 AR-1016-2	5.545	4.745	287.3E6	107.1E6	721.992	741.869
5)	L1 AR-1016-3	5.607	4.921	183.1E6	57833586	713.664	733.938
6)	L1 AR-1016-4	5.704	4.962	145.4E6	47559823	716.317	724.912
7)	L1 AR-1016-5	5.999	5.176	136.6E6	60728146	713.395	727.086
31)	L7 AR-1260-1	7.125	6.207	184.9E6	114.0E6	713.367	735.005
32)	L7 AR-1260-2	7.382	6.394	188.8E6	136.1E6	714.965	739.499
33)	L7 AR-1260-3	7.743	6.548	128.7E6	127.7E6	708.958	742.087
34)	L7 AR-1260-4	7.968	7.018	125.2E6	108.7E6	714.531	738.682
35)	L7 AR-1260-5	8.281	7.258	205.2E6	254.8E6	725.060	756.650

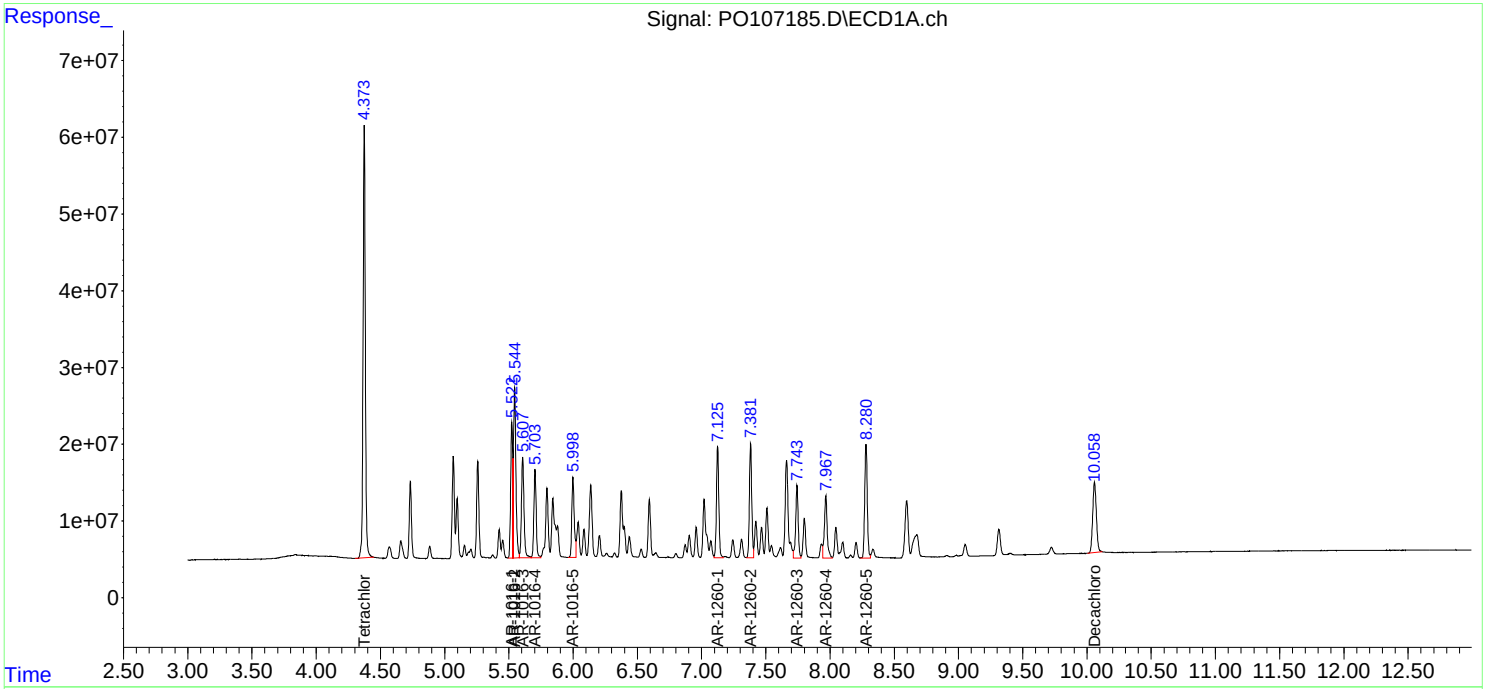
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

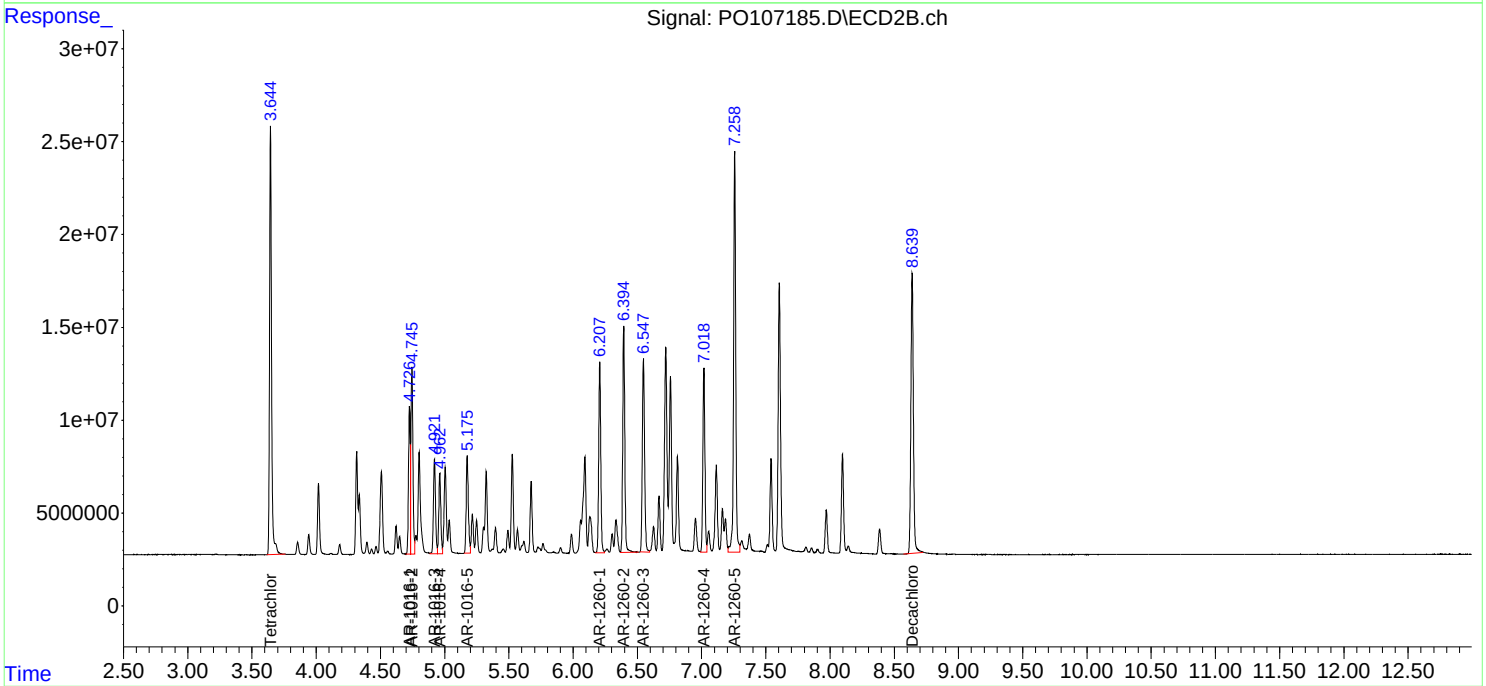
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107185.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 18:45
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

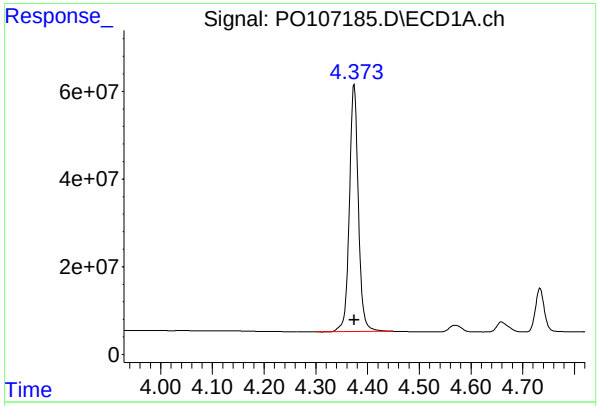
Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 01:24:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 01:21:45 2024
Response via : Initial Calibration
Integrator: ChemStation

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



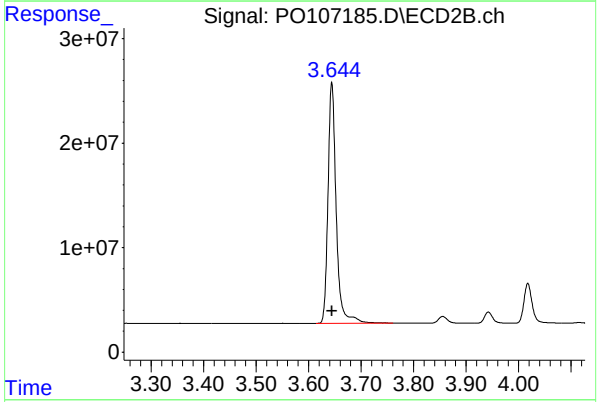




#1 Tetrachloro-m-xylene

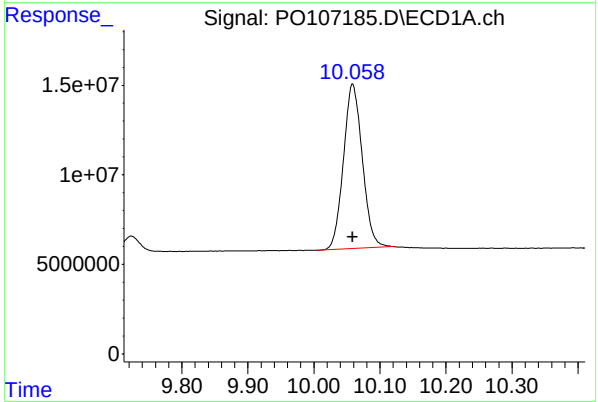
R.T.: 4.374 min
Delta R.T.: 0.000 min
Response: 681585697
Conc: 73.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



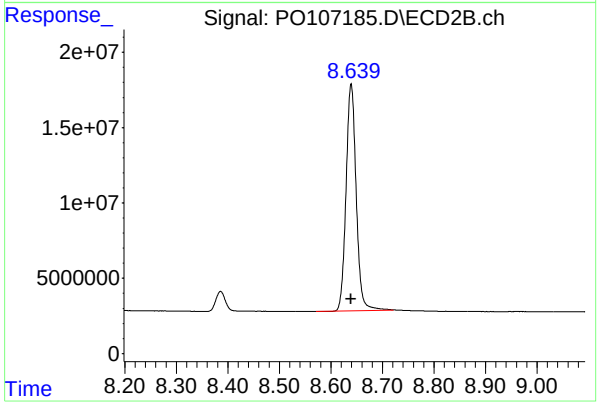
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 250385446
Conc: 74.76 ng/ml



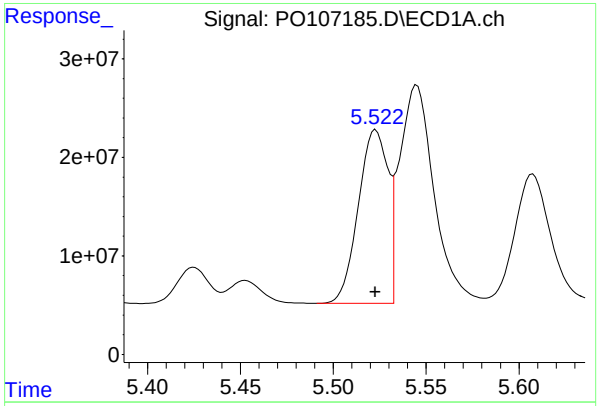
#2 Decachlorobiphenyl

R.T.: 10.059 min
Delta R.T.: 0.000 min
Response: 182035419
Conc: 72.92 ng/ml



#2 Decachlorobiphenyl

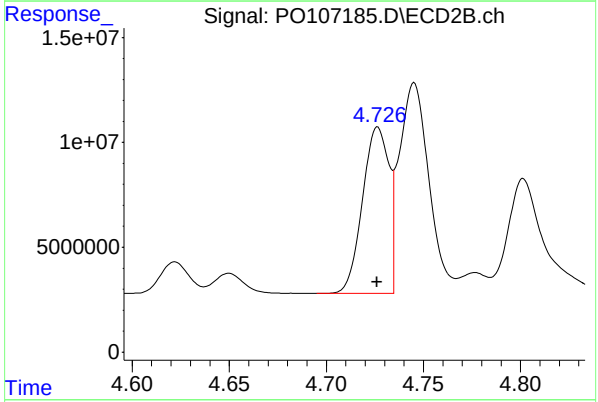
R.T.: 8.639 min
Delta R.T.: 0.000 min
Response: 205929949
Conc: 73.95 ng/ml



#3 AR-1016-1

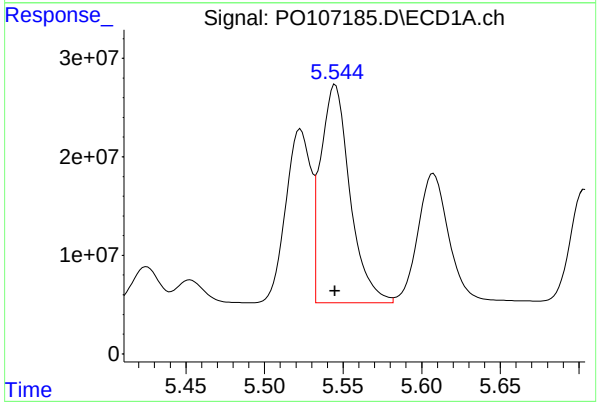
R.T.: 5.523 min
Delta R.T.: 0.000 min
Response: 196277150
Conc: 721.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



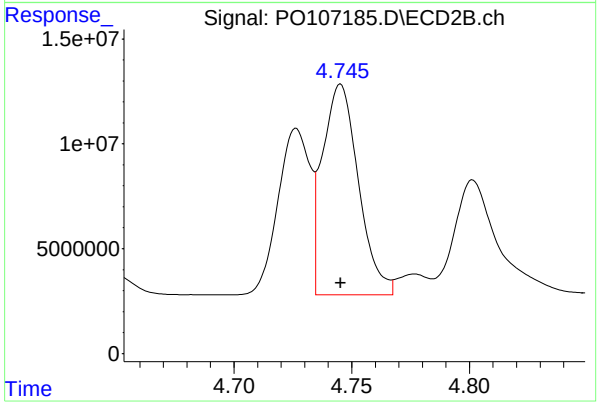
#3 AR-1016-1

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 74951057
Conc: 731.00 ng/ml



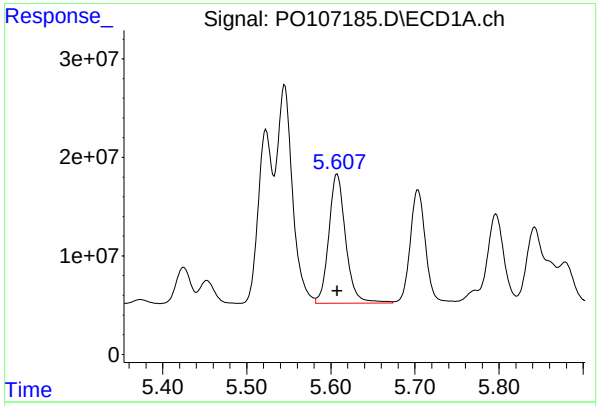
#4 AR-1016-2

R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 287271437
Conc: 721.99 ng/ml



#4 AR-1016-2

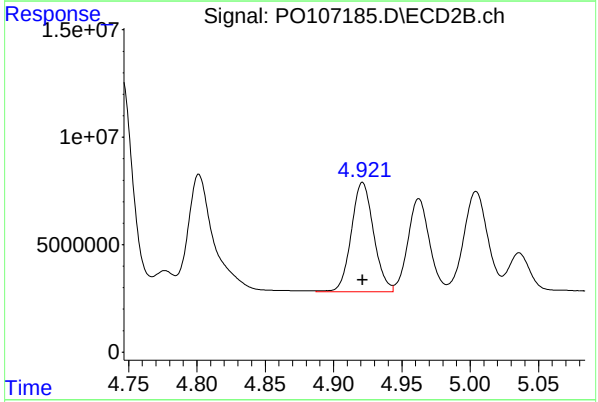
R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 107063566
Conc: 741.87 ng/ml



#5 AR-1016-3

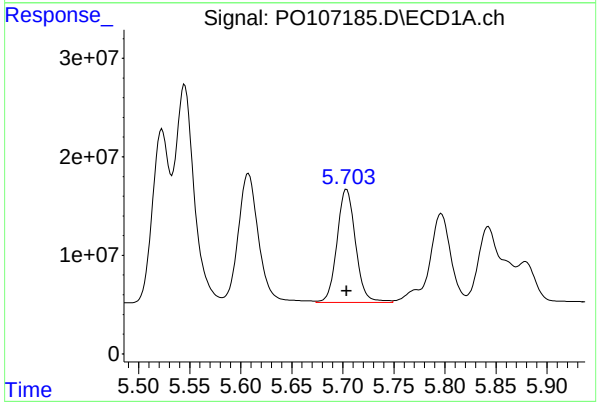
R.T.: 5.607 min
Delta R.T.: 0.000 min
Response: 183108937
Conc: 713.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



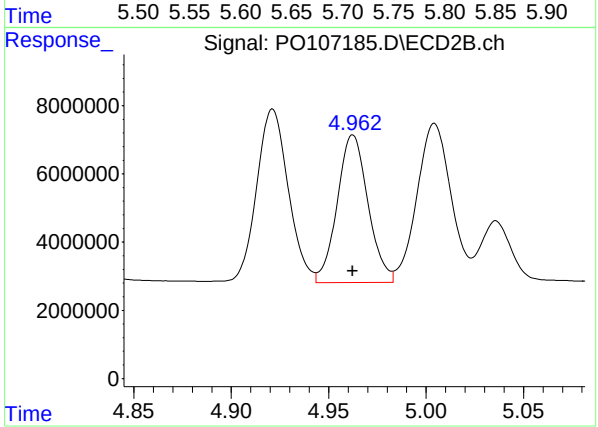
#5 AR-1016-3

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 57833586
Conc: 733.94 ng/ml



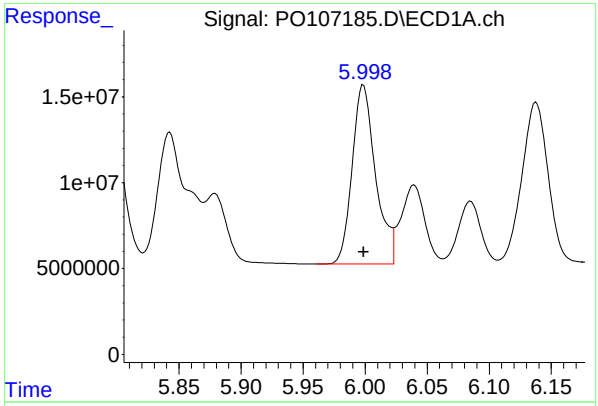
#6 AR-1016-4

R.T.: 5.704 min
Delta R.T.: 0.000 min
Response: 145386468
Conc: 716.32 ng/ml



#6 AR-1016-4

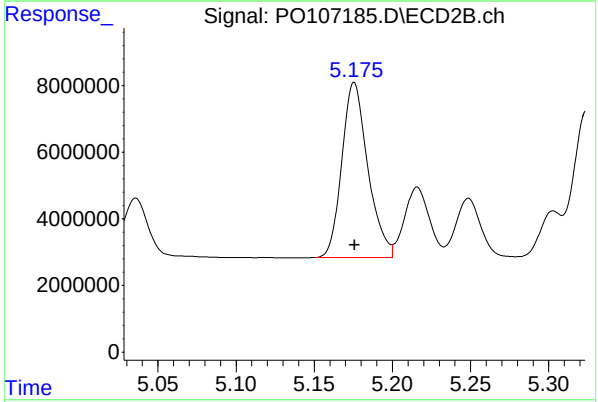
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 47559823
Conc: 724.91 ng/ml



#7 AR-1016-5

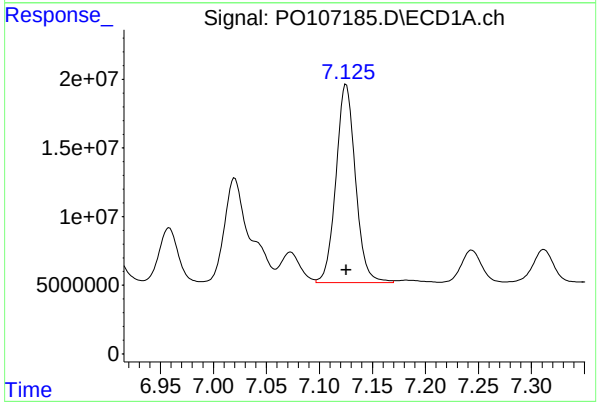
R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 136606449
Conc: 713.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



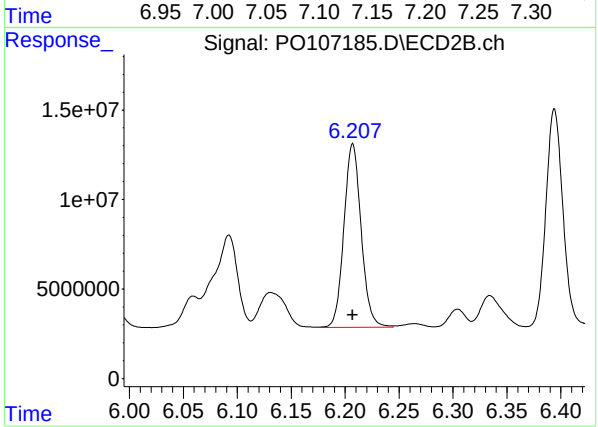
#7 AR-1016-5

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 60728146
Conc: 727.09 ng/ml



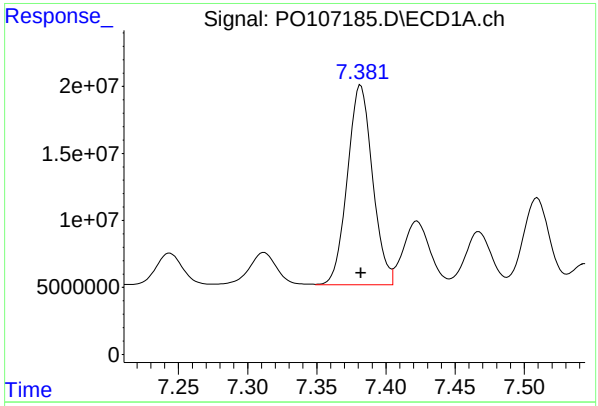
#31 AR-1260-1

R.T.: 7.125 min
Delta R.T.: 0.000 min
Response: 184873238
Conc: 713.37 ng/ml



#31 AR-1260-1

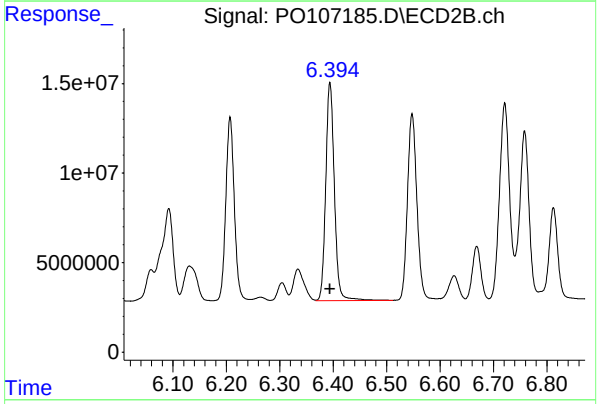
R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 114022629
Conc: 735.01 ng/ml



#32 AR-1260-2

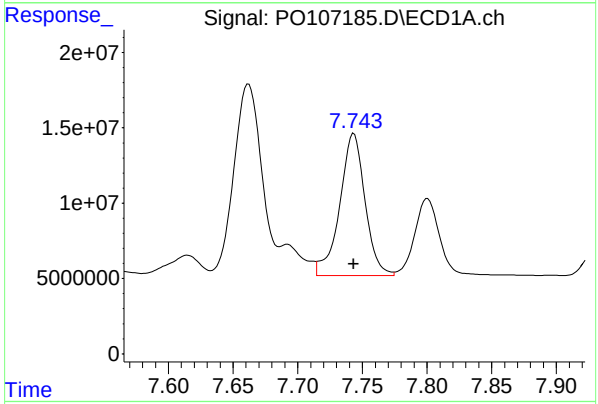
R.T.: 7.382 min
Delta R.T.: 0.000 min
Response: 188810389
Conc: 714.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



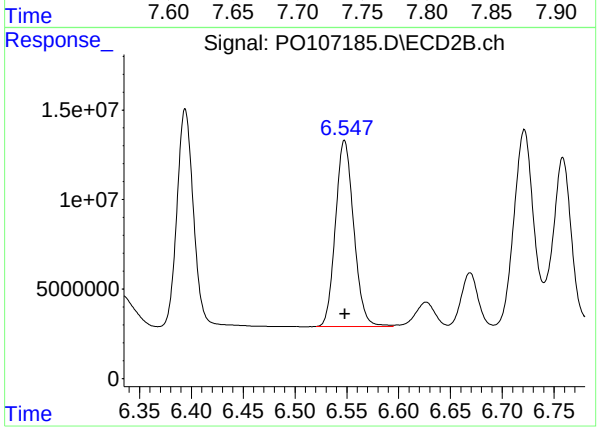
#32 AR-1260-2

R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 136144993
Conc: 739.50 ng/ml



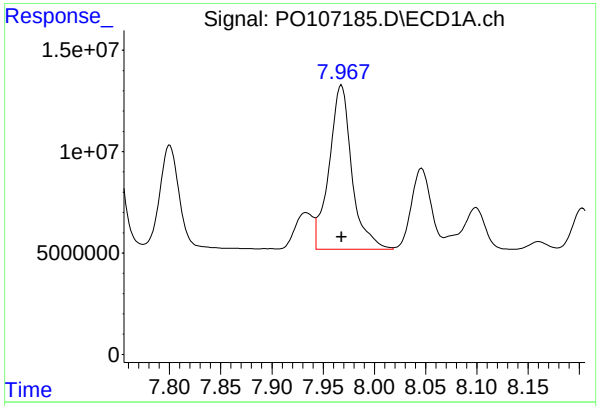
#33 AR-1260-3

R.T.: 7.743 min
Delta R.T.: 0.000 min
Response: 128670097
Conc: 708.96 ng/ml



#33 AR-1260-3

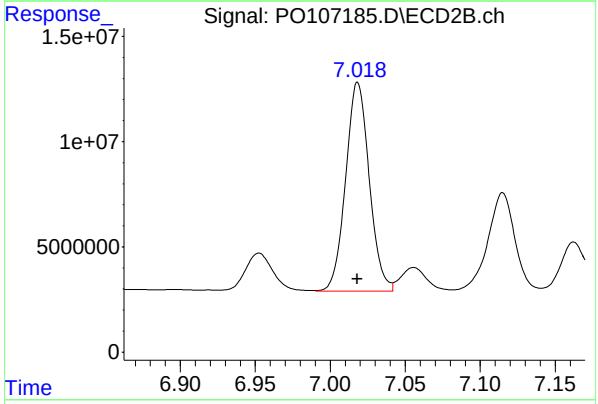
R.T.: 6.548 min
Delta R.T.: 0.000 min
Response: 127719255
Conc: 742.09 ng/ml



#34 AR-1260-4

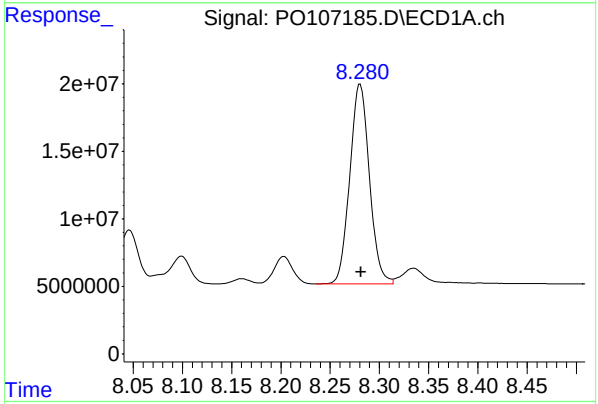
R.T.: 7.968 min
Delta R.T.: 0.000 min
Response: 125249950
Conc: 714.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



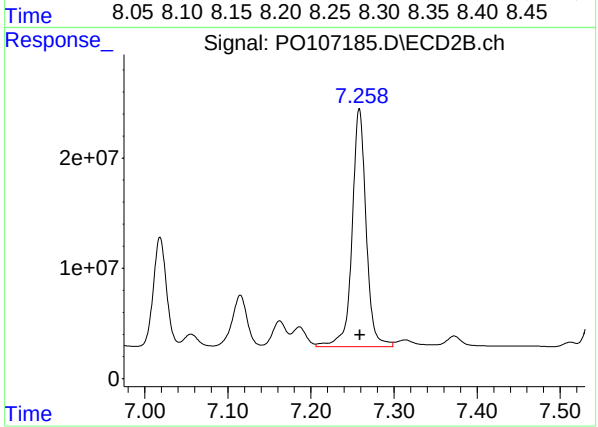
#34 AR-1260-4

R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 108671347
Conc: 738.68 ng/ml



#35 AR-1260-5

R.T.: 8.281 min
Delta R.T.: 0.000 min
Response: 205217871
Conc: 725.06 ng/ml



#35 AR-1260-5

R.T.: 7.258 min
Delta R.T.: 0.000 min
Response: 254837085
Conc: 756.65 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107186.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 19:03
Operator : YP/AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 01:25:07 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 01:21:45 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound		RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds							
1)	SA	Tetrachlo...	4.374	3.645	464.3E6	167.5E6	50.000	50.000
2)	SA	Decachlor...	10.058	8.639	124.8E6	139.2E6	50.000	50.000
	Target Compounds							
3)	L1	AR-1016-1	5.523	4.726	136.0E6	51266401	500.000	500.000
4)	L1	AR-1016-2	5.545	4.745	198.9E6	72157971	500.000	500.000
5)	L1	AR-1016-3	5.607	4.921	128.3E6	39399514	500.000	500.000
6)	L1	AR-1016-4	5.704	4.962	101.5E6	32803861	500.000	500.000
7)	L1	AR-1016-5	5.999	5.176	95743965	41761334	500.000	500.000
31)	L7	AR-1260-1	7.126	6.207	129.6E6	77565878	500.000	500.000
32)	L7	AR-1260-2	7.382	6.394	132.0E6	92052145	500.000	500.000
33)	L7	AR-1260-3	7.743	6.548	90745881	86054054	500.000	500.000
34)	L7	AR-1260-4	7.968	7.018	87644858	73557583	500.000	500.000
35)	L7	AR-1260-5	8.281	7.259	141.5E6	168.4E6	500.000	500.000

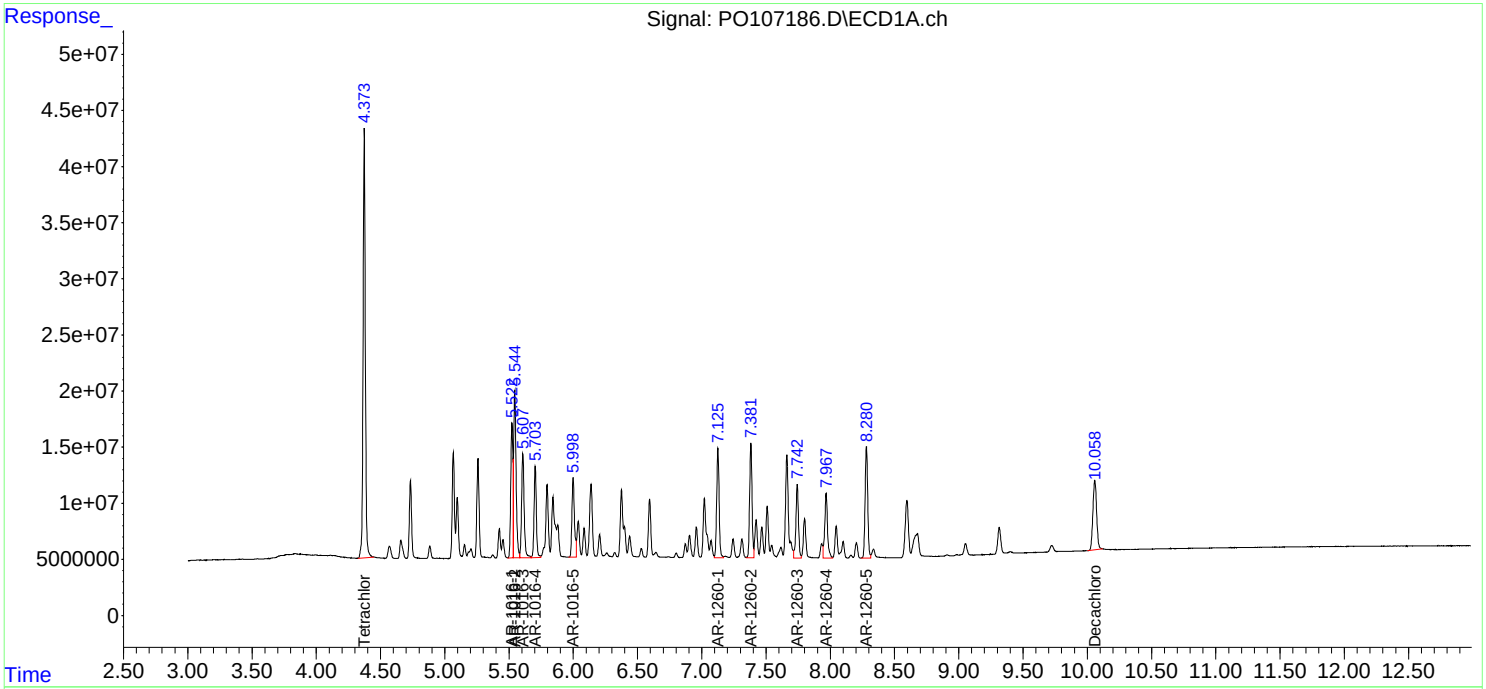
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

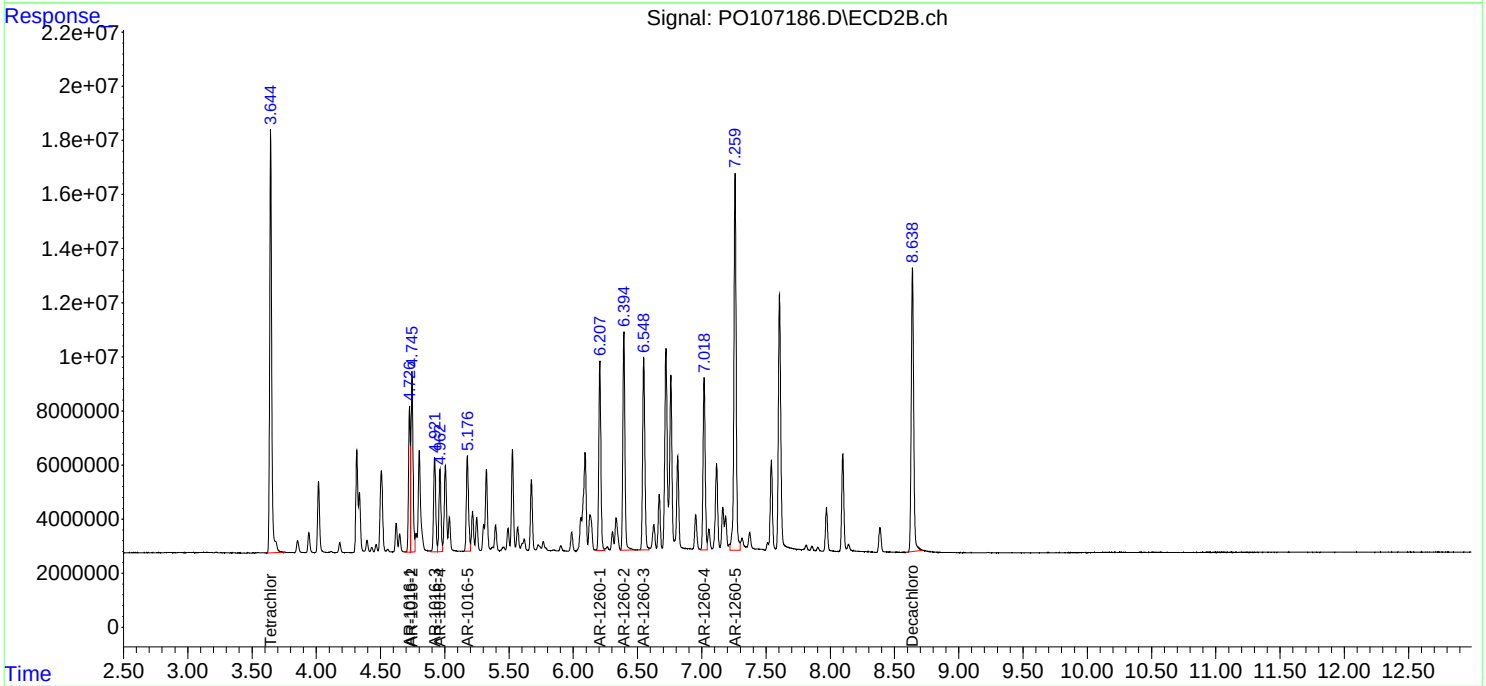
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107186.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 19:03
Operator : YP/AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

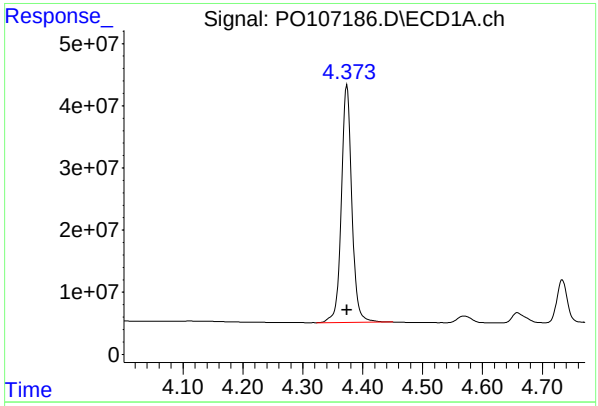
Instrument :
ECD_O
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 01:25:07 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 01:21:45 2024
Response via : Initial Calibration
Integrator: ChemStation

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



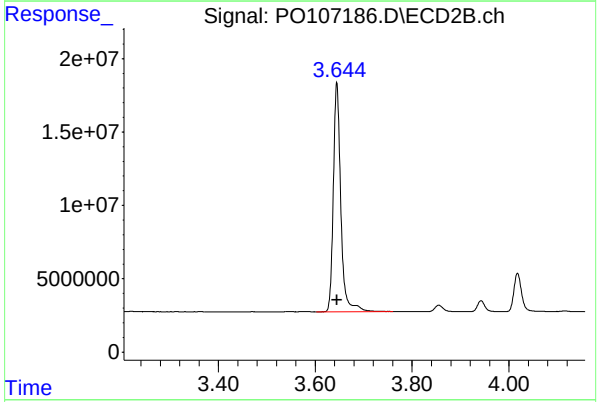




#1 Tetrachloro-m-xylene

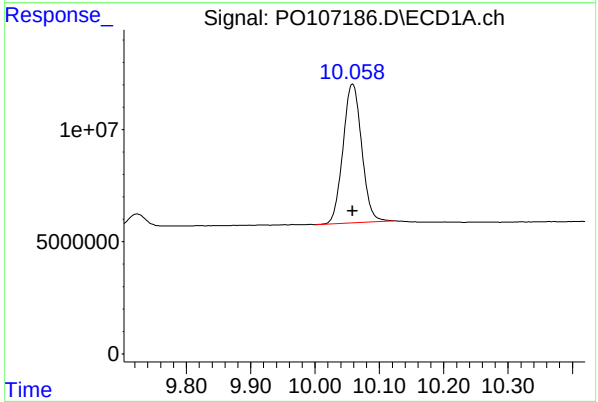
R.T.: 4.374 min
Delta R.T.: 0.000 min
Response: 464288143
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



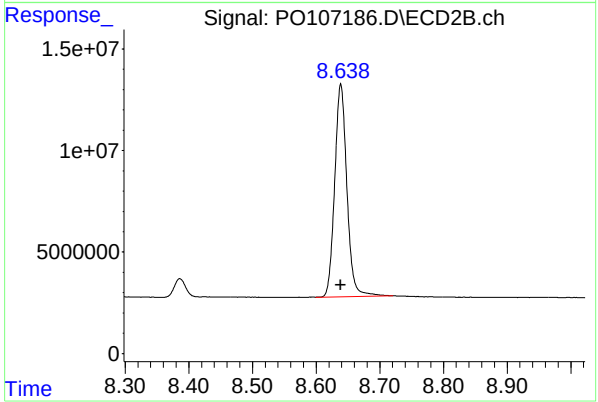
#1 Tetrachloro-m-xylene

R.T.: 3.645 min
Delta R.T.: 0.000 min
Response: 167453262
Conc: 50.00 ng/ml



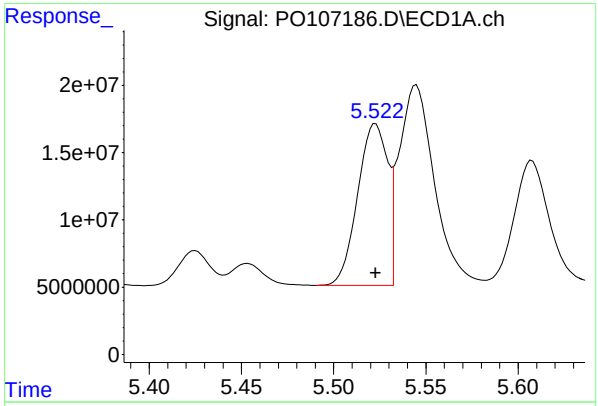
#2 Decachlorobiphenyl

R.T.: 10.058 min
Delta R.T.: 0.000 min
Response: 124823950
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

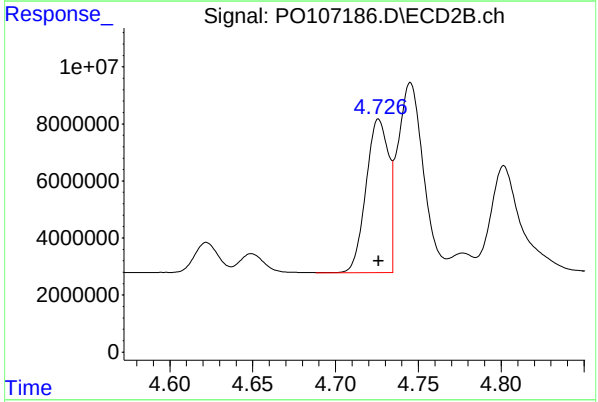
R.T.: 8.639 min
Delta R.T.: 0.000 min
Response: 139239645
Conc: 50.00 ng/ml



#3 AR-1016-1

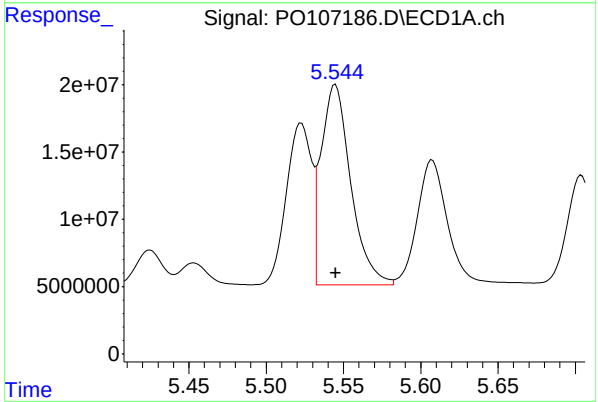
R.T.: 5.523 min
Delta R.T.: 0.000 min
Response: 135969538
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



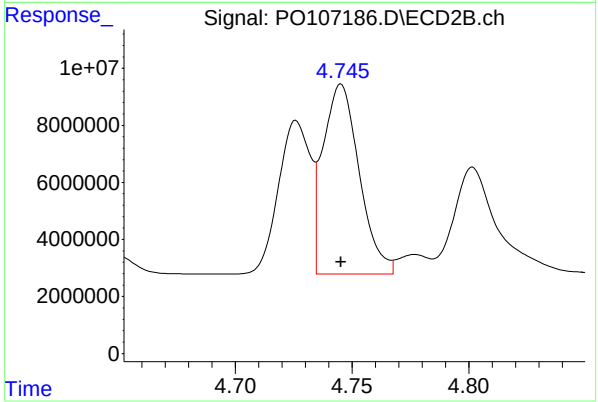
#3 AR-1016-1

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 51266401
Conc: 500.00 ng/ml



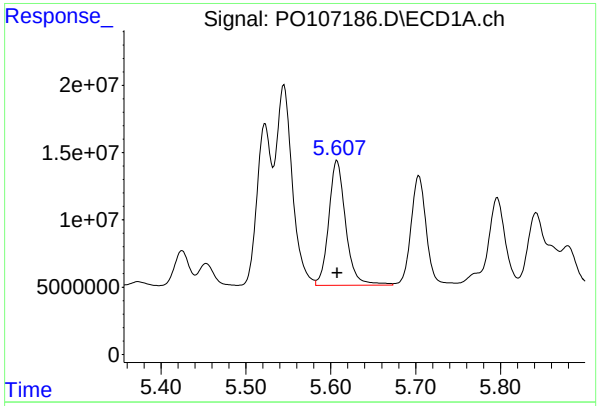
#4 AR-1016-2

R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 198943676
Conc: 500.00 ng/ml



#4 AR-1016-2

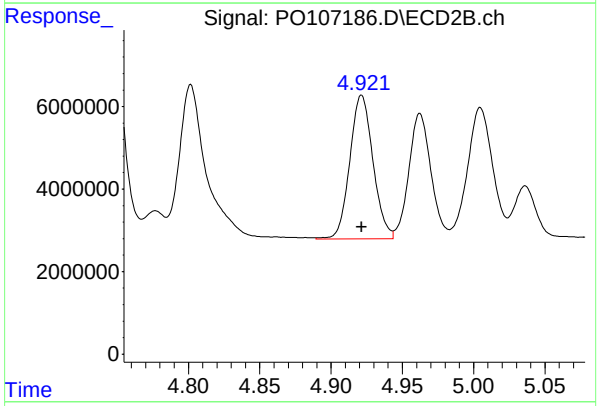
R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 72157971
Conc: 500.00 ng/ml



#5 AR-1016-3

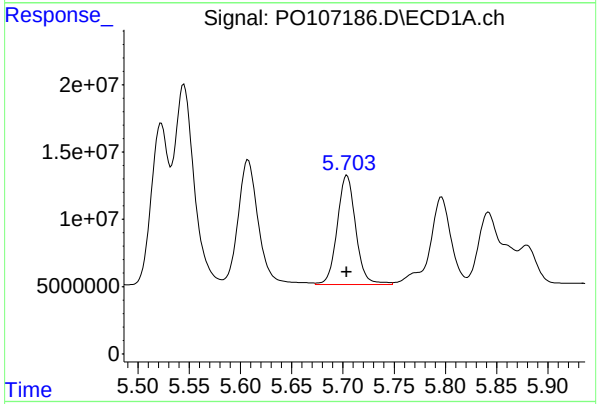
R.T.: 5.607 min
Delta R.T.: 0.000 min
Response: 128287877
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



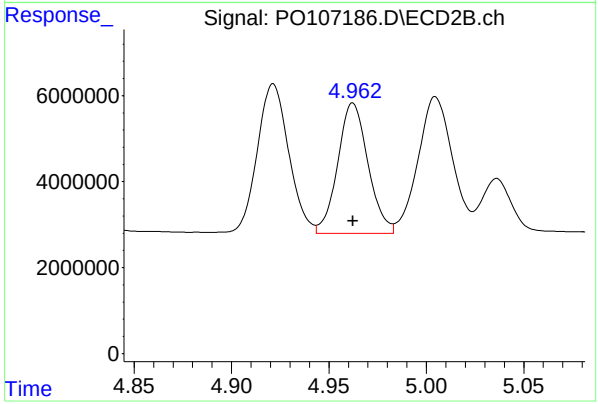
#5 AR-1016-3

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 39399514
Conc: 500.00 ng/ml



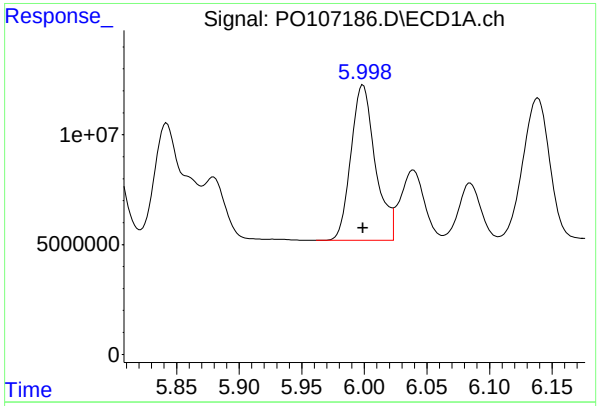
#6 AR-1016-4

R.T.: 5.704 min
Delta R.T.: 0.000 min
Response: 101481951
Conc: 500.00 ng/ml



#6 AR-1016-4

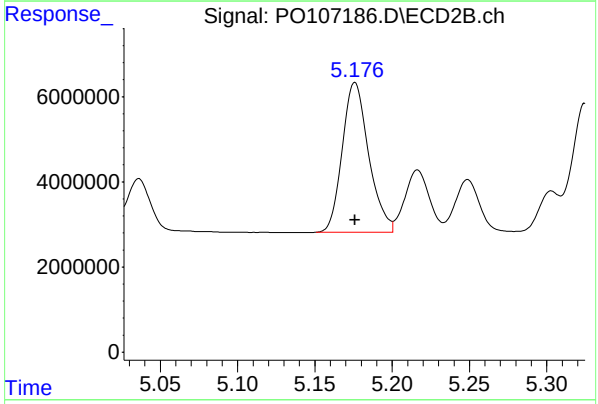
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 32803861
Conc: 500.00 ng/ml



#7 AR-1016-5

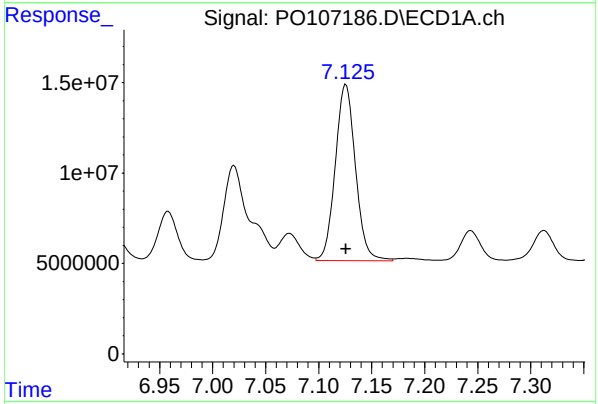
R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 95743965
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



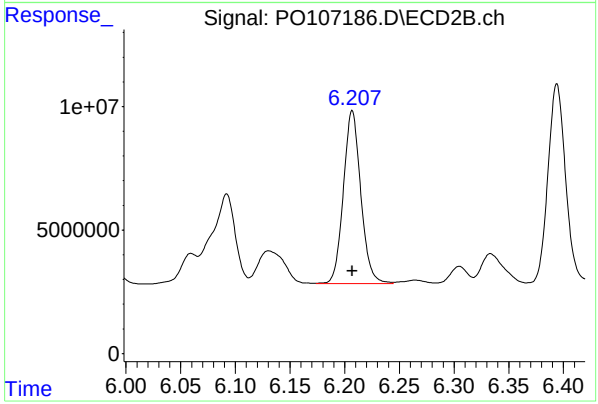
#7 AR-1016-5

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 41761334
Conc: 500.00 ng/ml



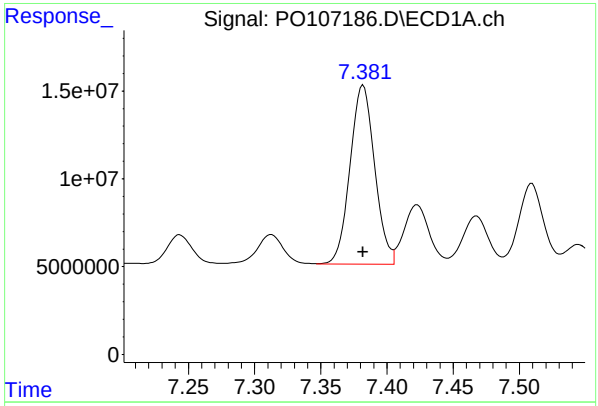
#31 AR-1260-1

R.T.: 7.126 min
Delta R.T.: 0.000 min
Response: 129577987
Conc: 500.00 ng/ml



#31 AR-1260-1

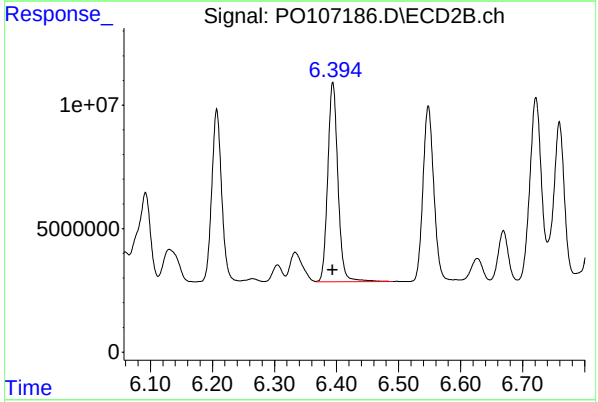
R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 77565878
Conc: 500.00 ng/ml



#32 AR-1260-2

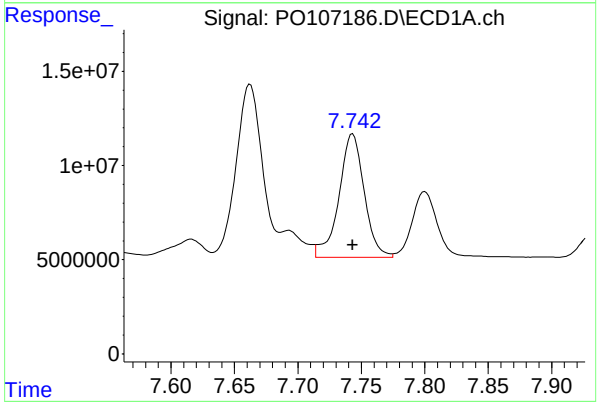
R.T.: 7.382 min
Delta R.T.: 0.000 min
Response: 132041756
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



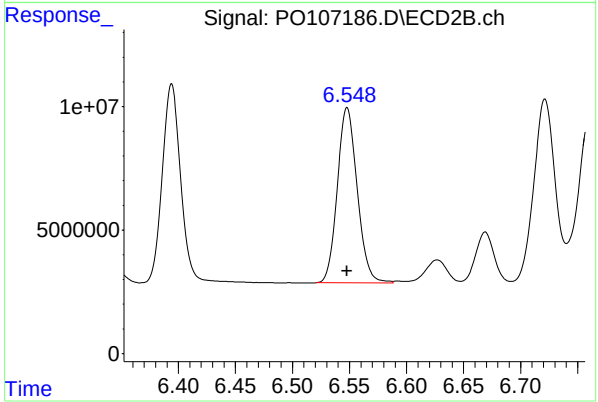
#32 AR-1260-2

R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 92052145
Conc: 500.00 ng/ml



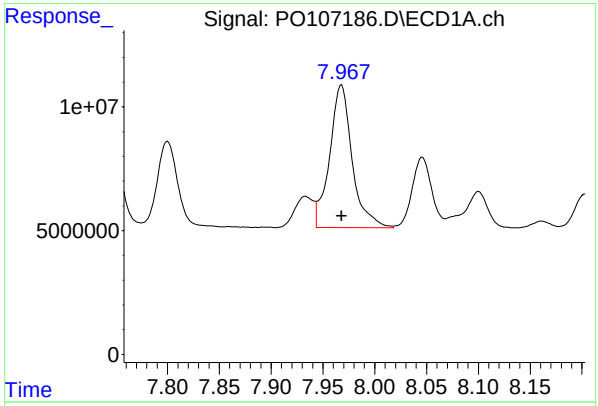
#33 AR-1260-3

R.T.: 7.743 min
Delta R.T.: 0.000 min
Response: 90745881
Conc: 500.00 ng/ml



#33 AR-1260-3

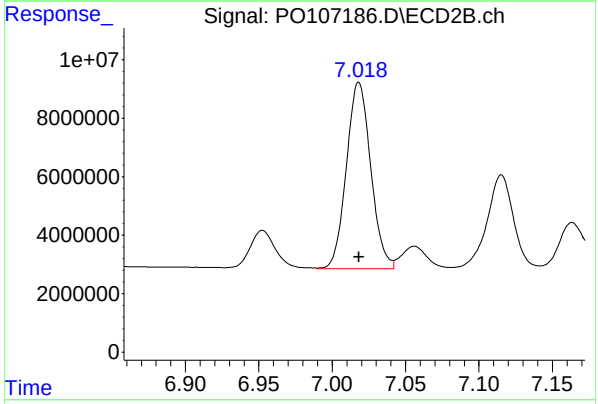
R.T.: 6.548 min
Delta R.T.: 0.000 min
Response: 86054054
Conc: 500.00 ng/ml



#34 AR-1260-4

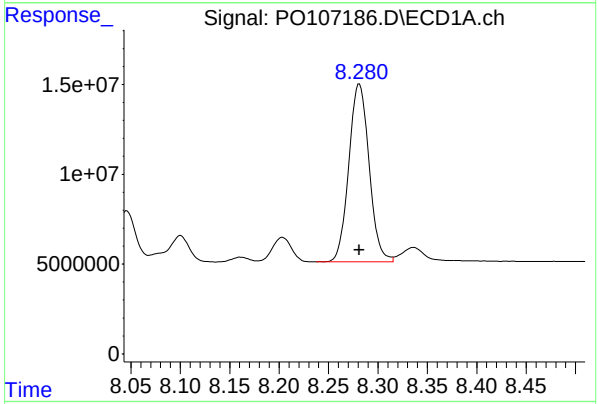
R.T.: 7.968 min
Delta R.T.: 0.000 min
Response: 87644858
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



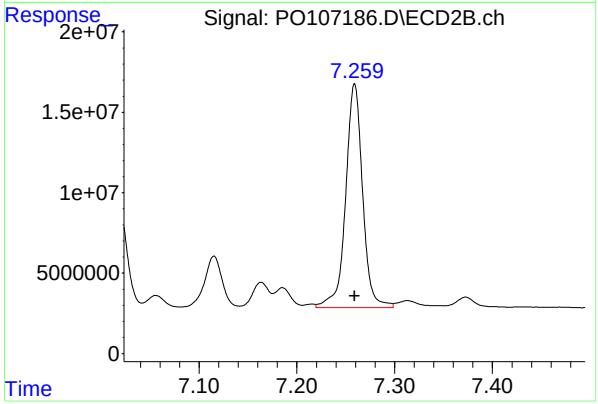
#34 AR-1260-4

R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 73557583
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 8.281 min
Delta R.T.: 0.000 min
Response: 141517947
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.259 min
Delta R.T.: 0.000 min
Response: 168398358
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107187.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 19:21
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 01:25:35 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 01:21:45 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.373	3.644	238.7E6	80767902	25.706	24.117
2)	SA Decachlor...	10.059	8.640	65095686	71320716	26.075	25.611
	Target Compounds						
3)	L1 AR-1016-1	5.522	4.727	72779622	26650346	267.632	259.920
4)	L1 AR-1016-2	5.544	4.746	104.8E6	36719388	263.313	254.438
5)	L1 AR-1016-3	5.606	4.921	69101416	20445837	269.322	259.468
6)	L1 AR-1016-4	5.704	4.962	53770388	17391092	264.926	265.077
7)	L1 AR-1016-5	5.998	5.176	50878723	21735247	265.702	260.232
31)	L7 AR-1260-1	7.124	6.207	69305169	40485591	267.426	260.976
32)	L7 AR-1260-2	7.381	6.394	71054115	47434059	269.059	257.648
33)	L7 AR-1260-3	7.743	6.548	48784517	43997886	268.797	255.641
34)	L7 AR-1260-4	7.966	7.018	46895508	37628553	267.531	255.776
35)	L7 AR-1260-5	8.281	7.259	74817853	85097988	264.341	252.669

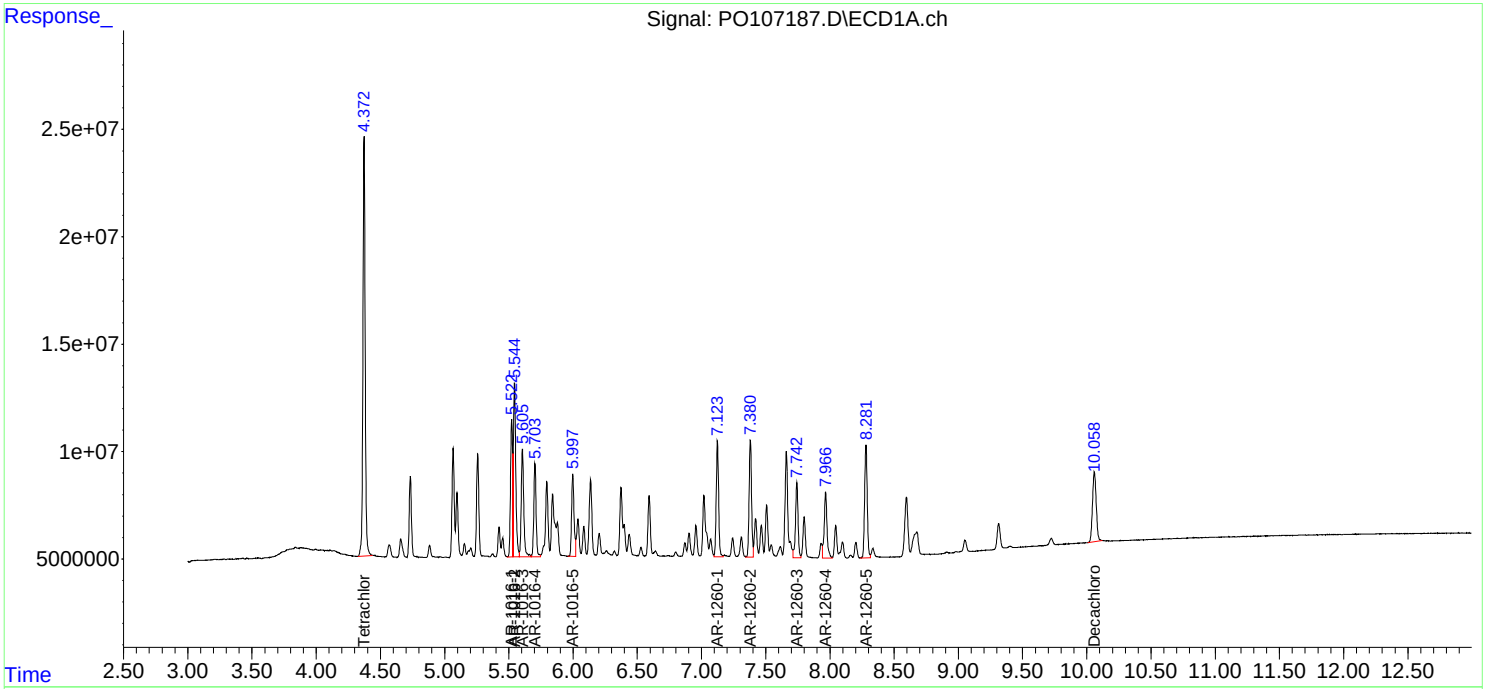
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

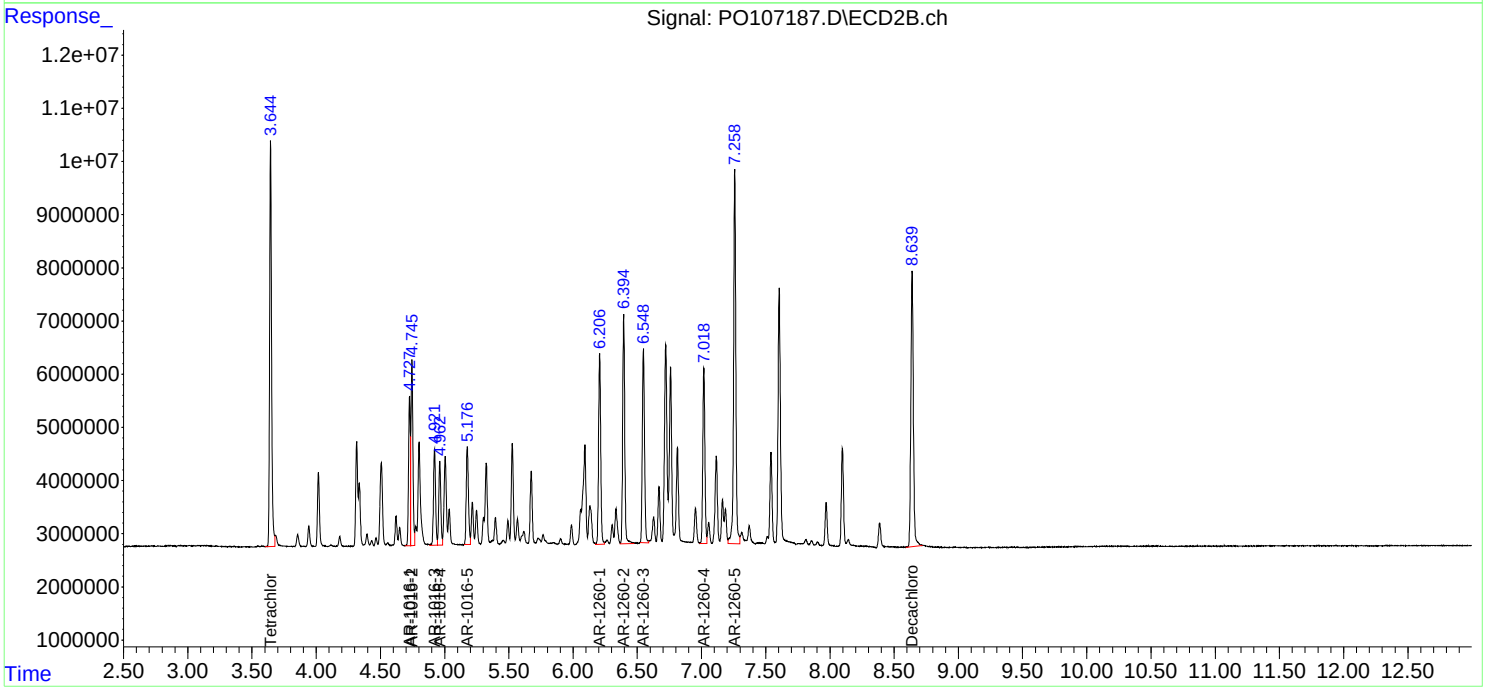
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107187.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 19:21
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

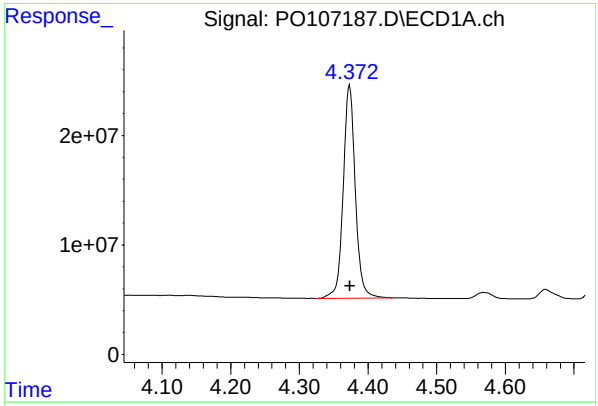
Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 01:25:35 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 01:21:45 2024
Response via : Initial Calibration
Integrator: ChemStation

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



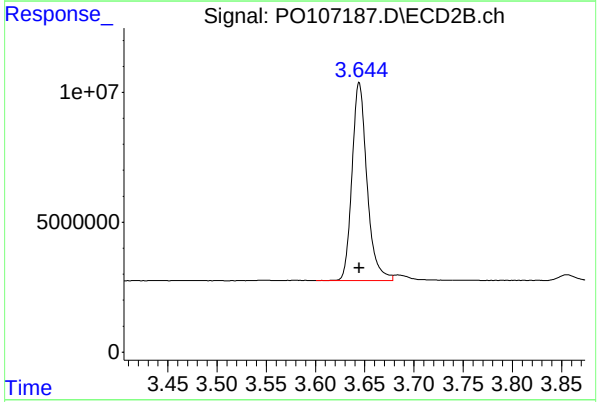




#1 Tetrachloro-m-xylene

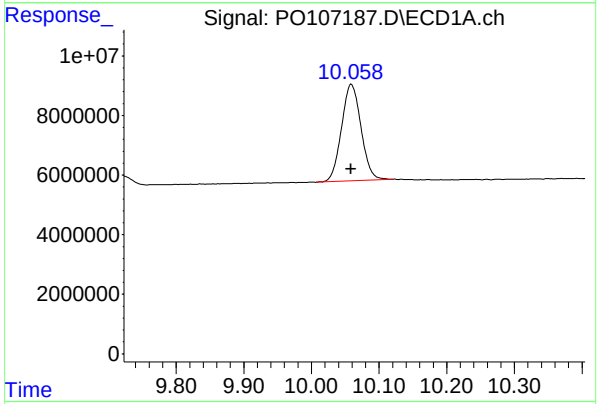
R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 238700157
Conc: 25.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



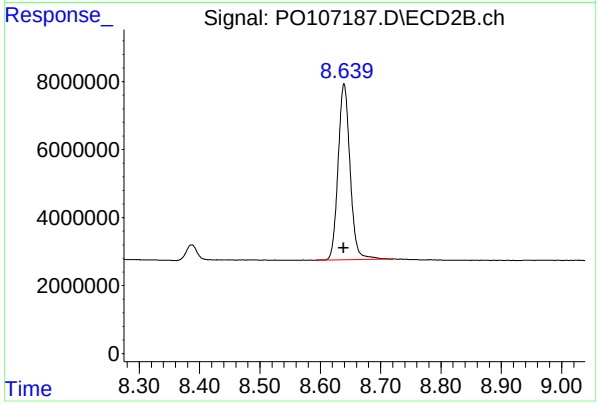
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 80767902
Conc: 24.12 ng/ml



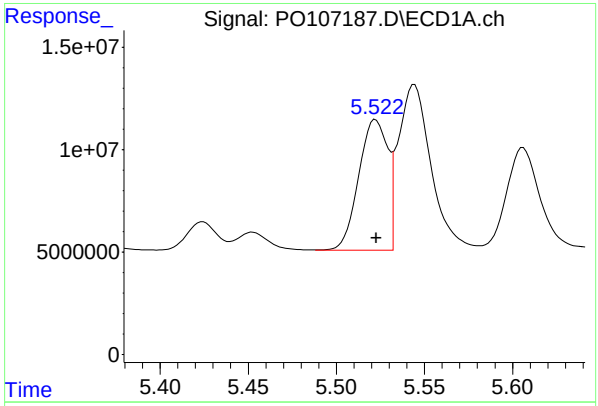
#2 Decachlorobiphenyl

R.T.: 10.059 min
Delta R.T.: 0.000 min
Response: 65095686
Conc: 26.07 ng/ml



#2 Decachlorobiphenyl

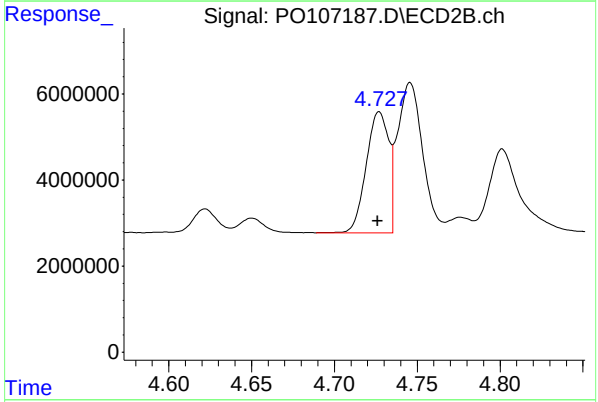
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 71320716
Conc: 25.61 ng/ml



#3 AR-1016-1

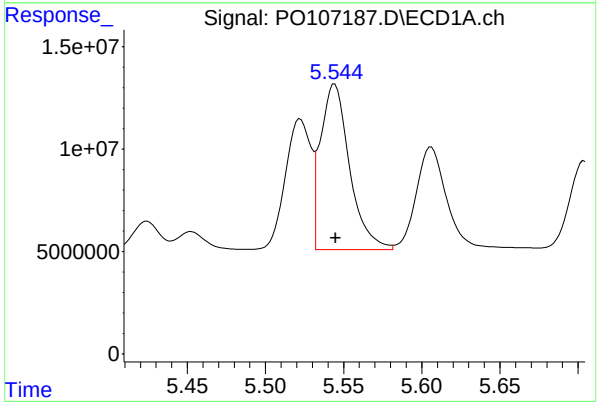
R.T.: 5.522 min
Delta R.T.: 0.000 min
Response: 72779622
Conc: 267.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



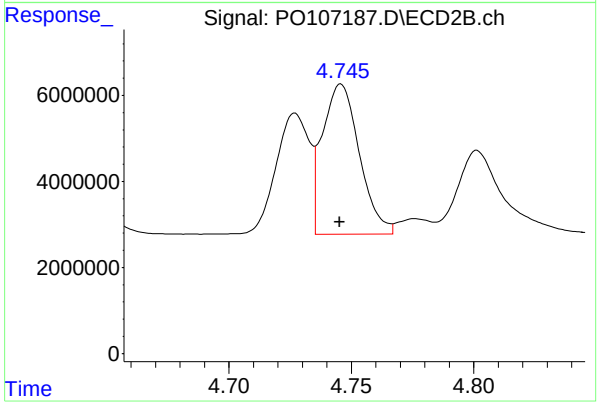
#3 AR-1016-1

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 26650346
Conc: 259.92 ng/ml



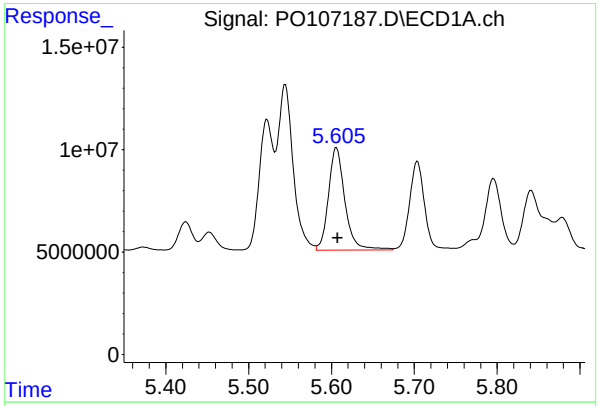
#4 AR-1016-2

R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 104768827
Conc: 263.31 ng/ml



#4 AR-1016-2

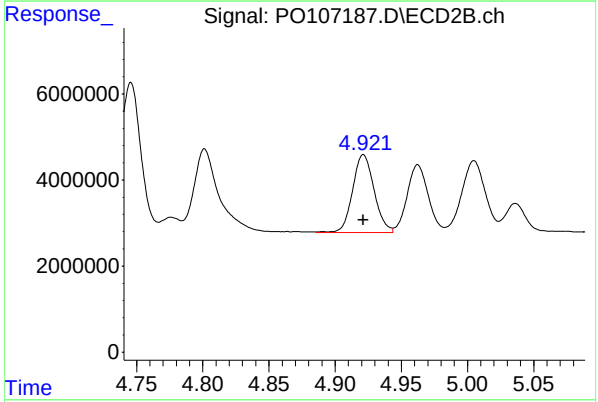
R.T.: 4.746 min
Delta R.T.: 0.000 min
Response: 36719388
Conc: 254.44 ng/ml



#5 AR-1016-3

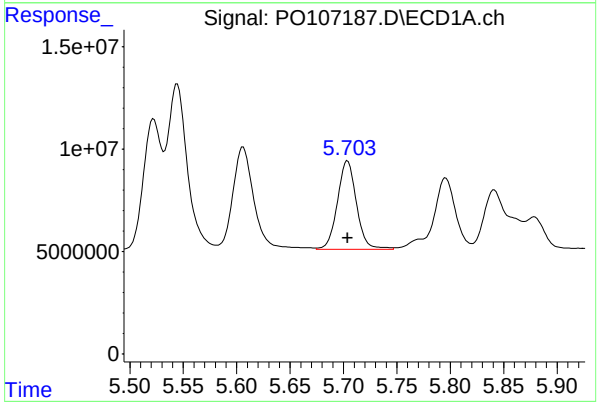
R.T.: 5.606 min
Delta R.T.: -0.001 min
Response: 69101416
Conc: 269.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



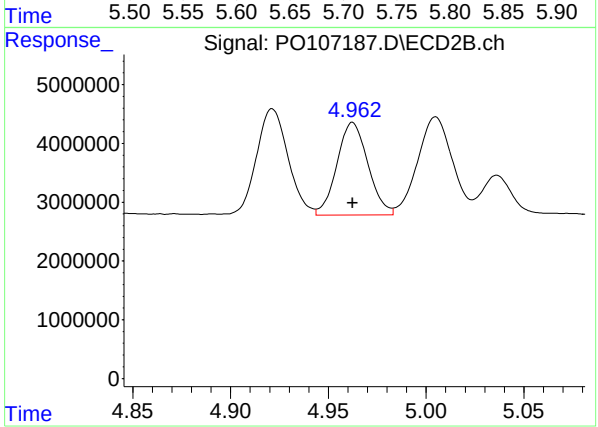
#5 AR-1016-3

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 20445837
Conc: 259.47 ng/ml



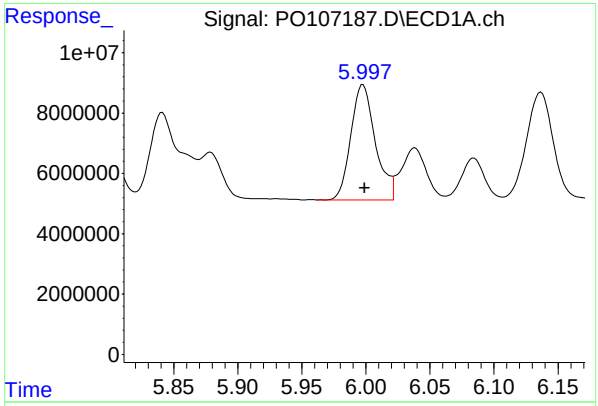
#6 AR-1016-4

R.T.: 5.704 min
Delta R.T.: 0.000 min
Response: 53770388
Conc: 264.93 ng/ml



#6 AR-1016-4

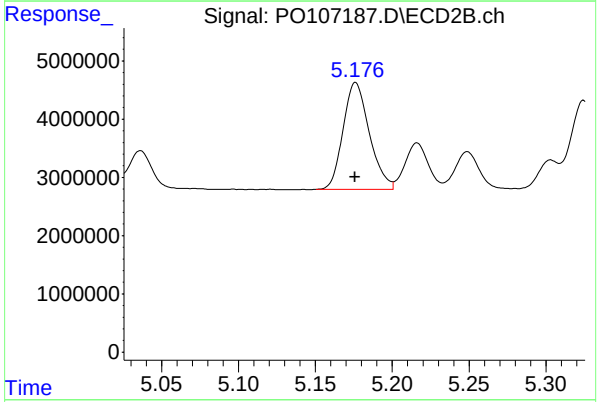
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 17391092
Conc: 265.08 ng/ml



#7 AR-1016-5

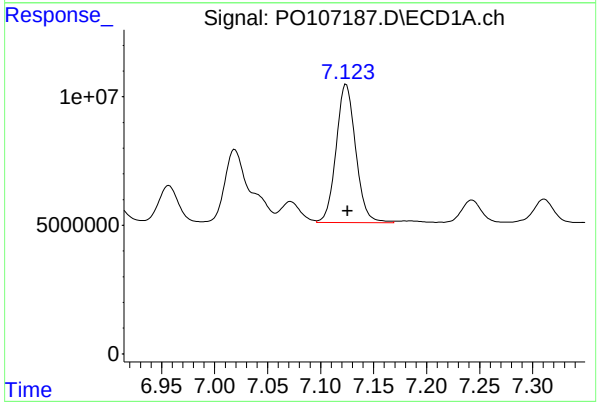
R.T.: 5.998 min
Delta R.T.: -0.001 min
Response: 50878723
Conc: 265.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



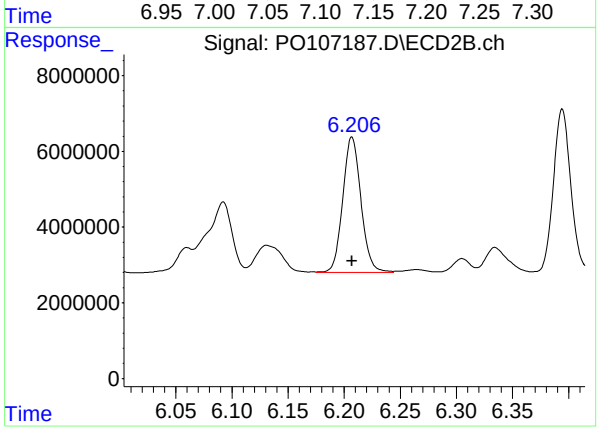
#7 AR-1016-5

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 21735247
Conc: 260.23 ng/ml



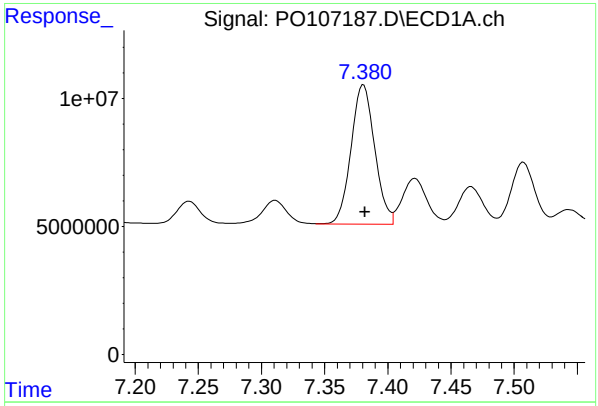
#31 AR-1260-1

R.T.: 7.124 min
Delta R.T.: -0.002 min
Response: 69305169
Conc: 267.43 ng/ml



#31 AR-1260-1

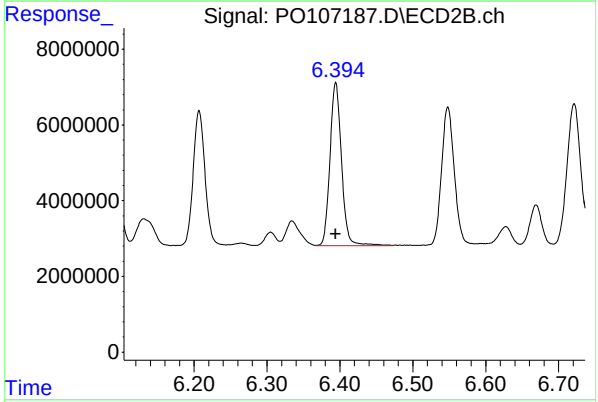
R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 40485591
Conc: 260.98 ng/ml



#32 AR-1260-2

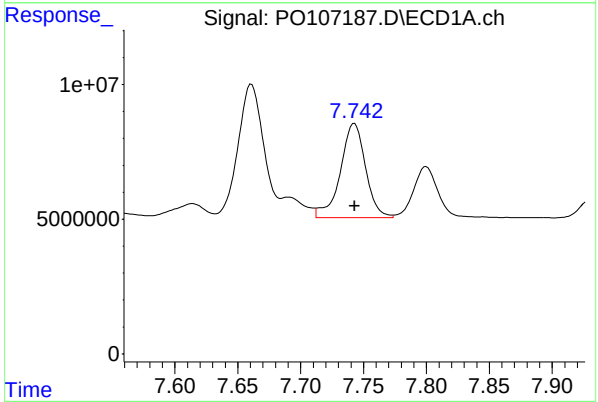
R.T.: 7.381 min
Delta R.T.: -0.001 min
Response: 71054115
Conc: 269.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



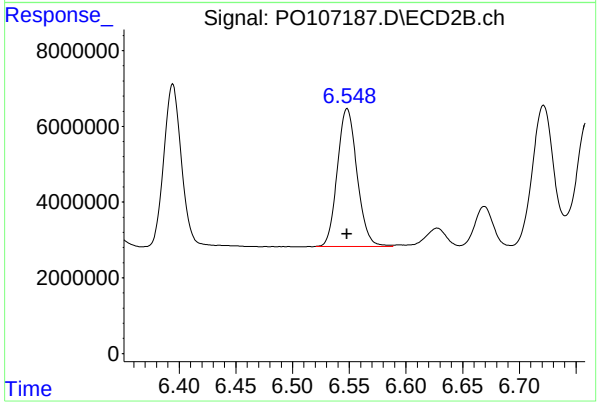
#32 AR-1260-2

R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 47434059
Conc: 257.65 ng/ml



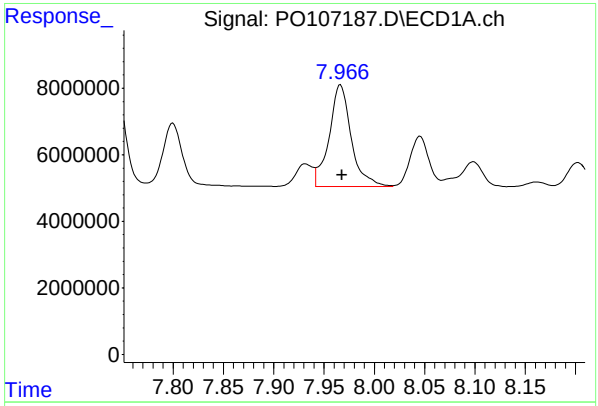
#33 AR-1260-3

R.T.: 7.743 min
Delta R.T.: 0.000 min
Response: 48784517
Conc: 268.80 ng/ml



#33 AR-1260-3

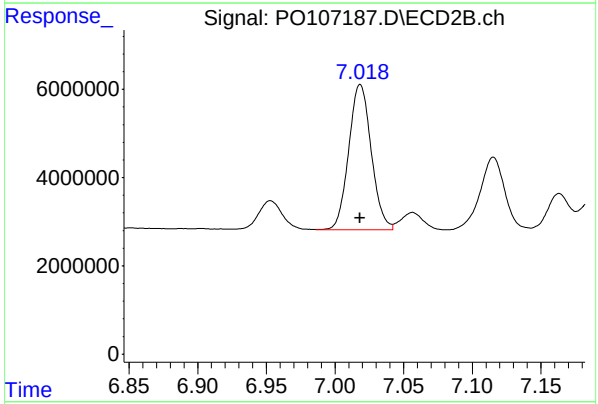
R.T.: 6.548 min
Delta R.T.: 0.000 min
Response: 43997886
Conc: 255.64 ng/ml



#34 AR-1260-4

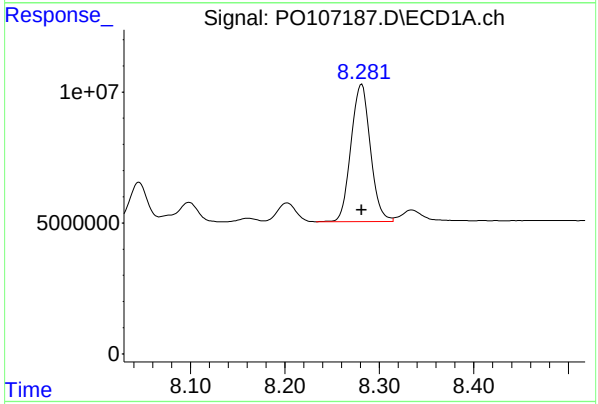
R.T.: 7.966 min
Delta R.T.: -0.002 min
Response: 46895508
Conc: 267.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



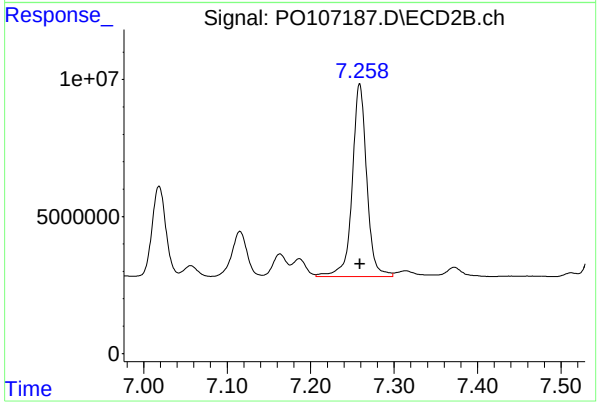
#34 AR-1260-4

R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 37628553
Conc: 255.78 ng/ml



#35 AR-1260-5

R.T.: 8.281 min
Delta R.T.: 0.000 min
Response: 74817853
Conc: 264.34 ng/ml



#35 AR-1260-5

R.T.: 7.259 min
Delta R.T.: 0.000 min
Response: 85097988
Conc: 252.67 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107188.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 19:39
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :Ankita Jodhani 10/16/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 01:26:01 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 01:21:45 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.374	3.644	43726312	14311070	4.709	4.273
2)	SA Decachlor...	10.060	8.639	11883434	12970025	4.760	4.657m
	Target Compounds						
3)	L1 AR-1016-1	5.523	4.727	13611471	5437001	50.053	53.027
4)	L1 AR-1016-2	5.544	4.745	20533666	6518003	51.607	45.165
5)	L1 AR-1016-3	5.607	4.922	12202124	4010763	47.558	50.899
6)	L1 AR-1016-4	5.704	4.963	8277151	3521180	40.781	53.670 #
7)	L1 AR-1016-5	5.999	5.176	7989825	4017833	41.725	48.105
31)	L7 AR-1260-1	7.125	6.207	13579378	7810910	52.398	50.350m
32)	L7 AR-1260-2	7.380	6.395	13632543	7572896	51.622m	41.134m
33)	L7 AR-1260-3	7.743	6.548	9159133	7594706	50.466m	44.128m
34)	L7 AR-1260-4	7.967	7.019	9276106	6862107	52.919	46.644m
35)	L7 AR-1260-5	8.280	7.258	14867575	14474674	52.529m	42.977m

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

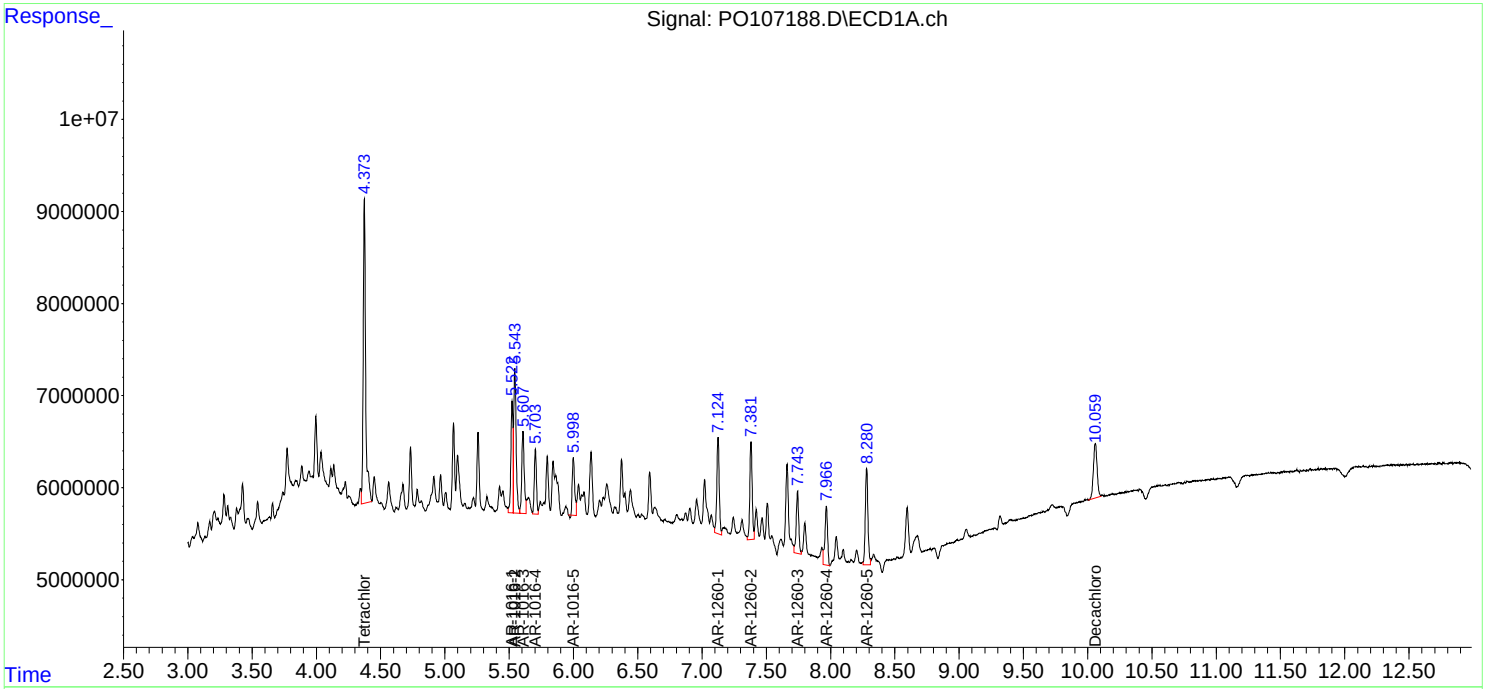
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107188.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 19:39
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

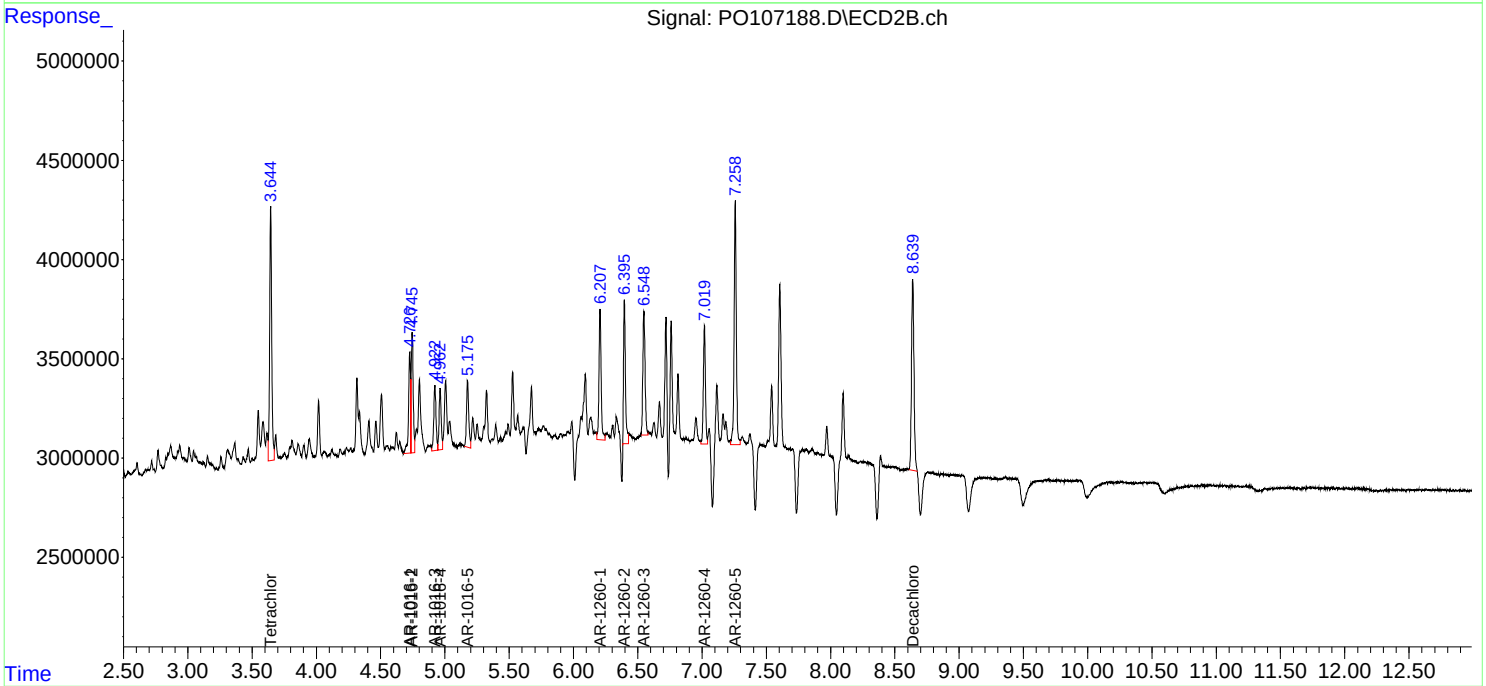
Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

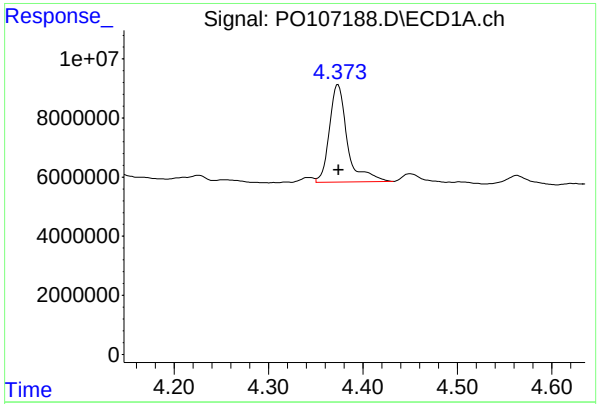
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :Ankita Jodhani 10/16/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 01:26:01 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 01:21:45 2024
Response via : Initial Calibration
Integrator: ChemStation

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







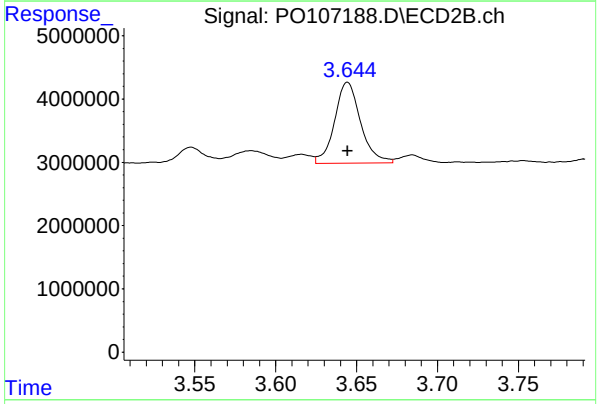
#1 Tetrachloro-m-xylene

R.T.: 4.374 min
Delta R.T.: 0.000 min
Response: 43726312
Conc: 4.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

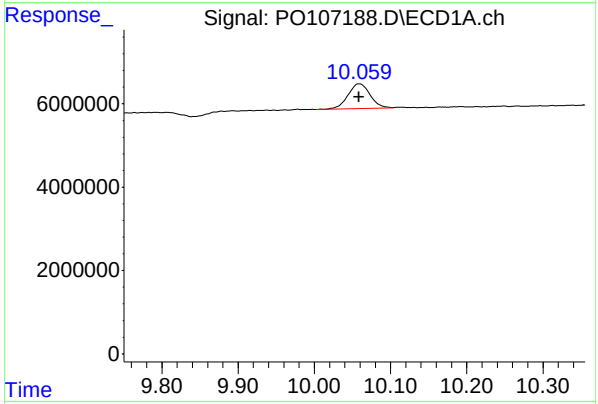
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :Ankita Jodhani 10/16/2024



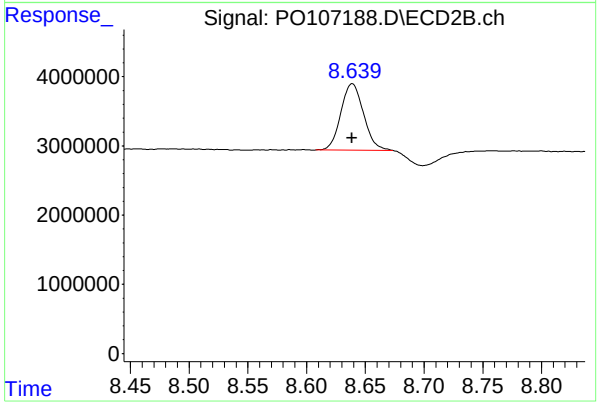
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 14311070
Conc: 4.27 ng/ml



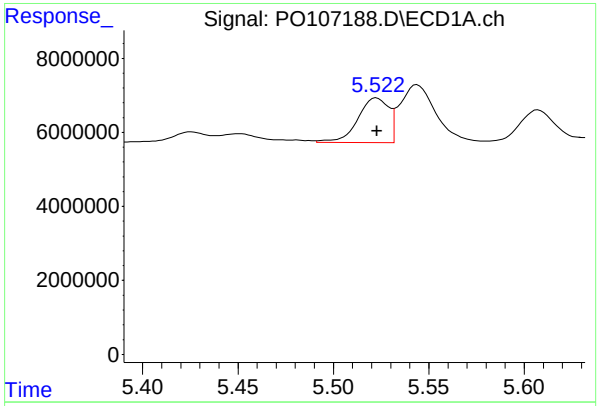
#2 Decachlorobiphenyl

R.T.: 10.060 min
Delta R.T.: 0.001 min
Response: 11883434
Conc: 4.76 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.639 min
Delta R.T.: 0.000 min
Response: 12970025
Conc: 4.66 ng/ml m



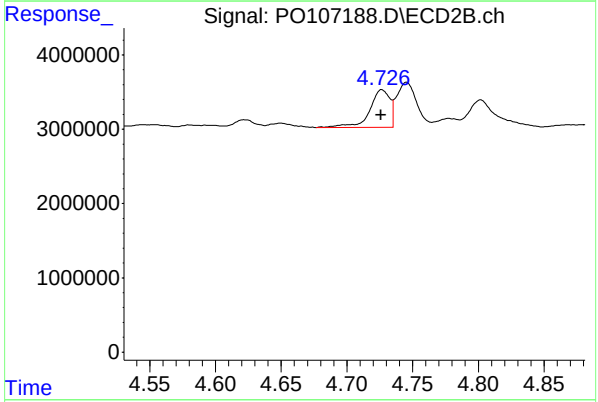
#3 AR-1016-1

R.T.: 5.523 min
Delta R.T.: 0.000 mi
Response: 13611471
Conc: 50.05 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

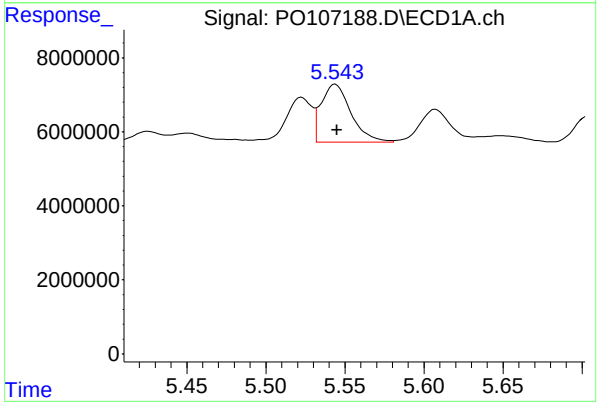
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :Ankita Jodhani 10/16/2024



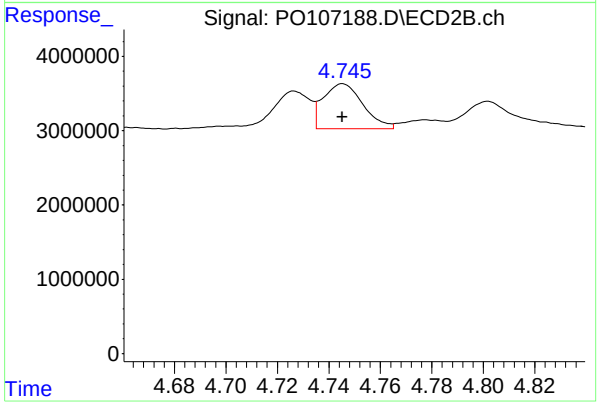
#3 AR-1016-1

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 5437001
Conc: 53.03 ng/ml



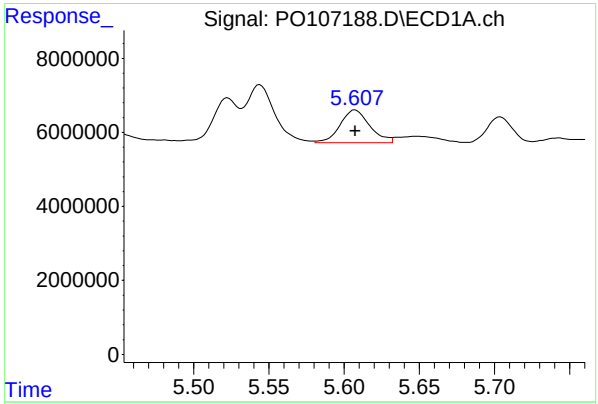
#4 AR-1016-2

R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 20533666
Conc: 51.61 ng/ml



#4 AR-1016-2

R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 6518003
Conc: 45.16 ng/ml



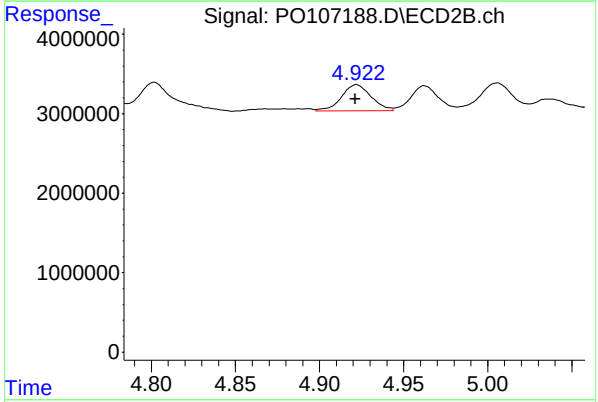
#5 AR-1016-3

R.T.: 5.607 min
Delta R.T.: 0.000 min
Response: 12202124
Conc: 47.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

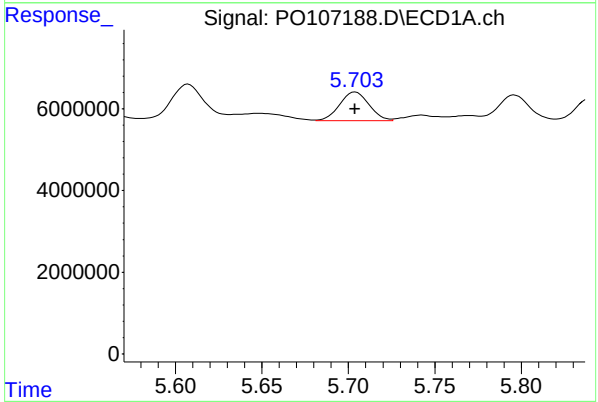
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :Ankita Jodhani 10/16/2024



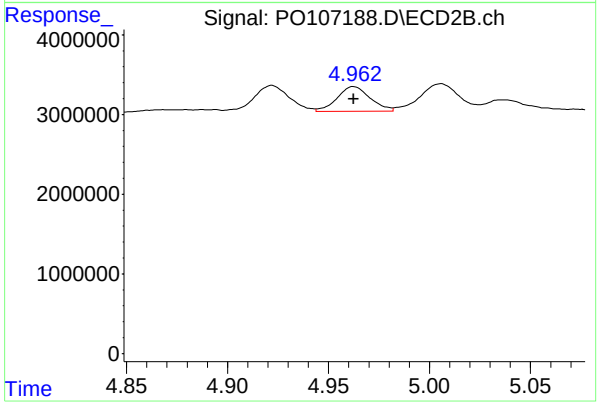
#5 AR-1016-3

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 4010763
Conc: 50.90 ng/ml



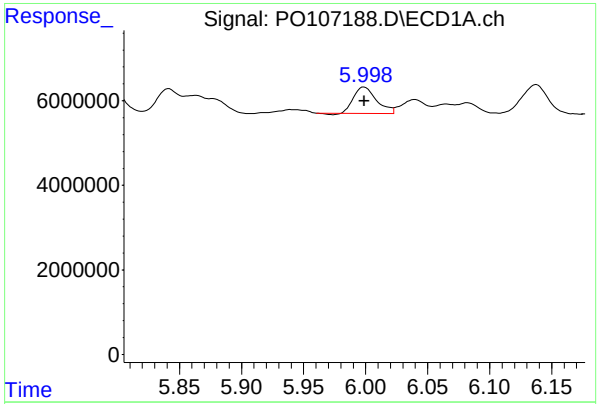
#6 AR-1016-4

R.T.: 5.704 min
Delta R.T.: 0.000 min
Response: 8277151
Conc: 40.78 ng/ml



#6 AR-1016-4

R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 3521180
Conc: 53.67 ng/ml



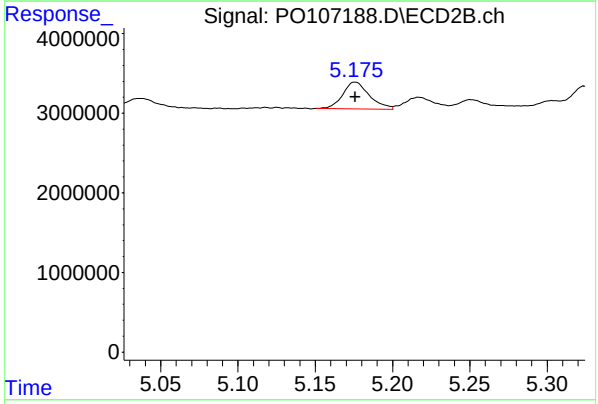
#7 AR-1016-5

R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 7989825
Conc: 41.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

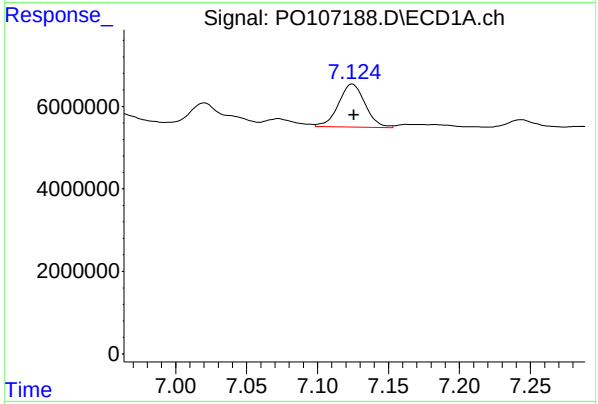
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :Ankita Jodhani 10/16/2024



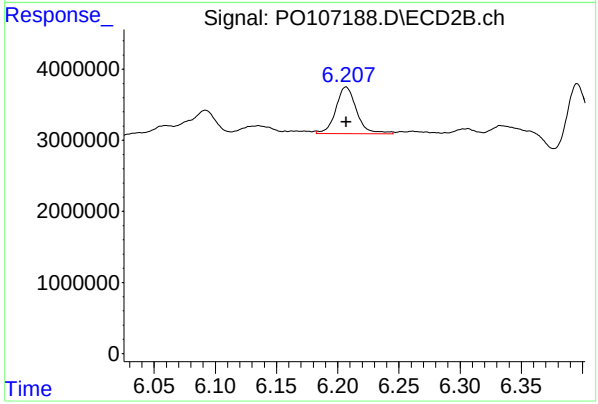
#7 AR-1016-5

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 4017833
Conc: 48.10 ng/ml



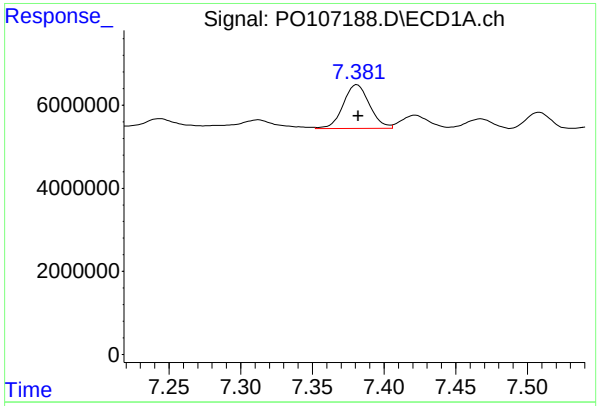
#31 AR-1260-1

R.T.: 7.125 min
Delta R.T.: 0.000 min
Response: 13579378
Conc: 52.40 ng/ml



#31 AR-1260-1

R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 7810910
Conc: 50.35 ng/ml m



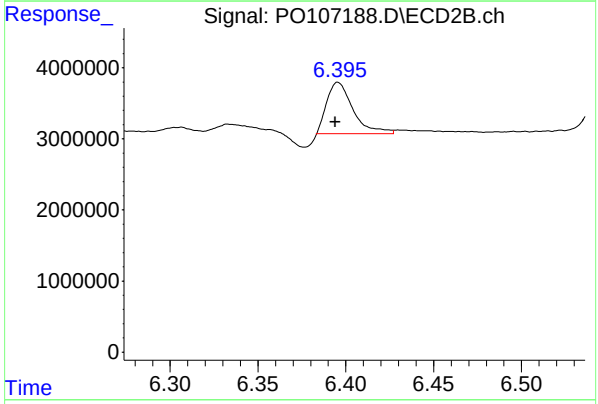
#32 AR-1260-2

R.T.: 7.380 min
Delta R.T.: -0.001 mi
Response: 13632543
Conc: 51.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

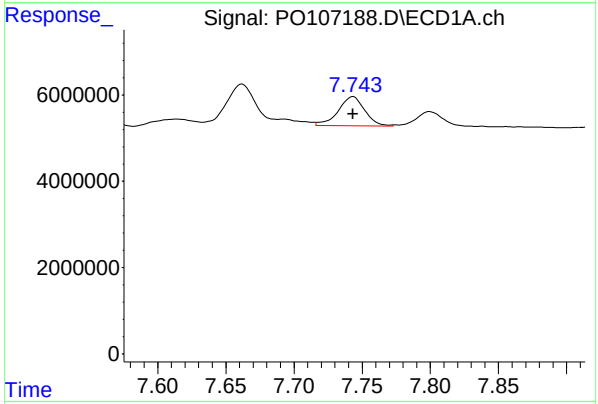
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :Ankita Jodhani 10/16/2024



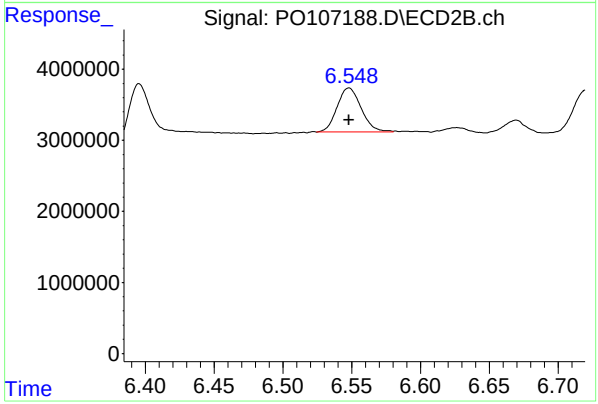
#32 AR-1260-2

R.T.: 6.395 min
Delta R.T.: 0.001 min
Response: 7572896
Conc: 41.13 ng/ml m



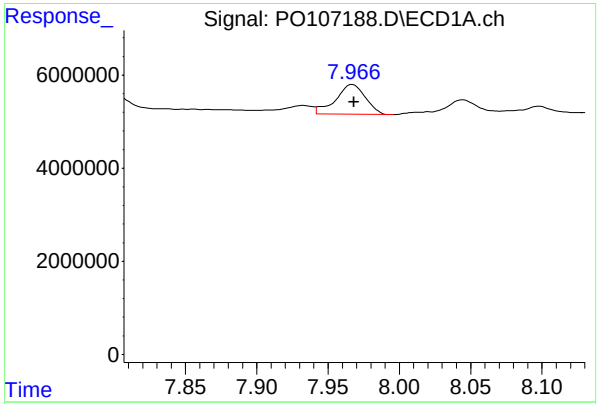
#33 AR-1260-3

R.T.: 7.743 min
Delta R.T.: 0.000 min
Response: 9159133
Conc: 50.47 ng/ml m



#33 AR-1260-3

R.T.: 6.548 min
Delta R.T.: 0.000 min
Response: 7594706
Conc: 44.13 ng/ml m



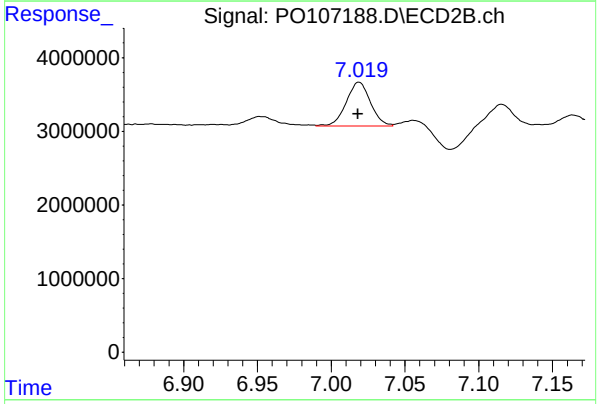
#34 AR-1260-4

R.T.: 7.967 min
Delta R.T.: 0.000 mi
Response: 9276106
Conc: 52.92 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

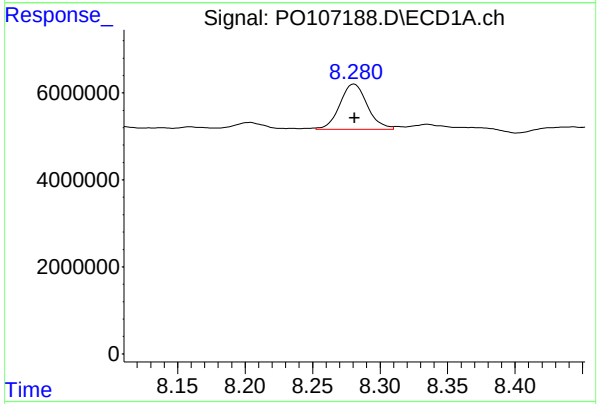
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :Ankita Jodhani 10/16/2024



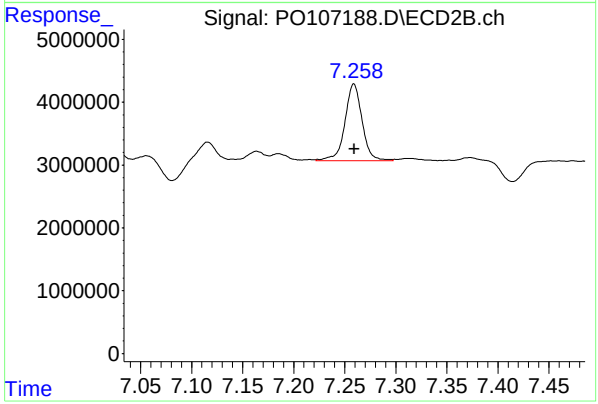
#34 AR-1260-4

R.T.: 7.019 min
Delta R.T.: 0.000 min
Response: 6862107
Conc: 46.64 ng/ml m



#35 AR-1260-5

R.T.: 8.280 min
Delta R.T.: -0.001 min
Response: 14867575
Conc: 52.53 ng/ml m



#35 AR-1260-5

R.T.: 7.258 min
Delta R.T.: 0.000 min
Response: 14474674
Conc: 42.98 ng/ml m

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107189.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 19:57
Operator : YP/AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 01:41:08 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 01:40:45 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.373	3.644	449.1E6	154.1E6	50.000	50.000
2)	SA Decachlor...	10.060	8.639	121.6E6	134.8E6	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	4.573	3.856	55004944	17447760	500.000	500.000
9)	L2 AR-1221-2	4.658	3.942	39418330	13312448	500.000	500.000
10)	L2 AR-1221-3	4.733	4.018	117.0E6	40609299	500.000	500.000

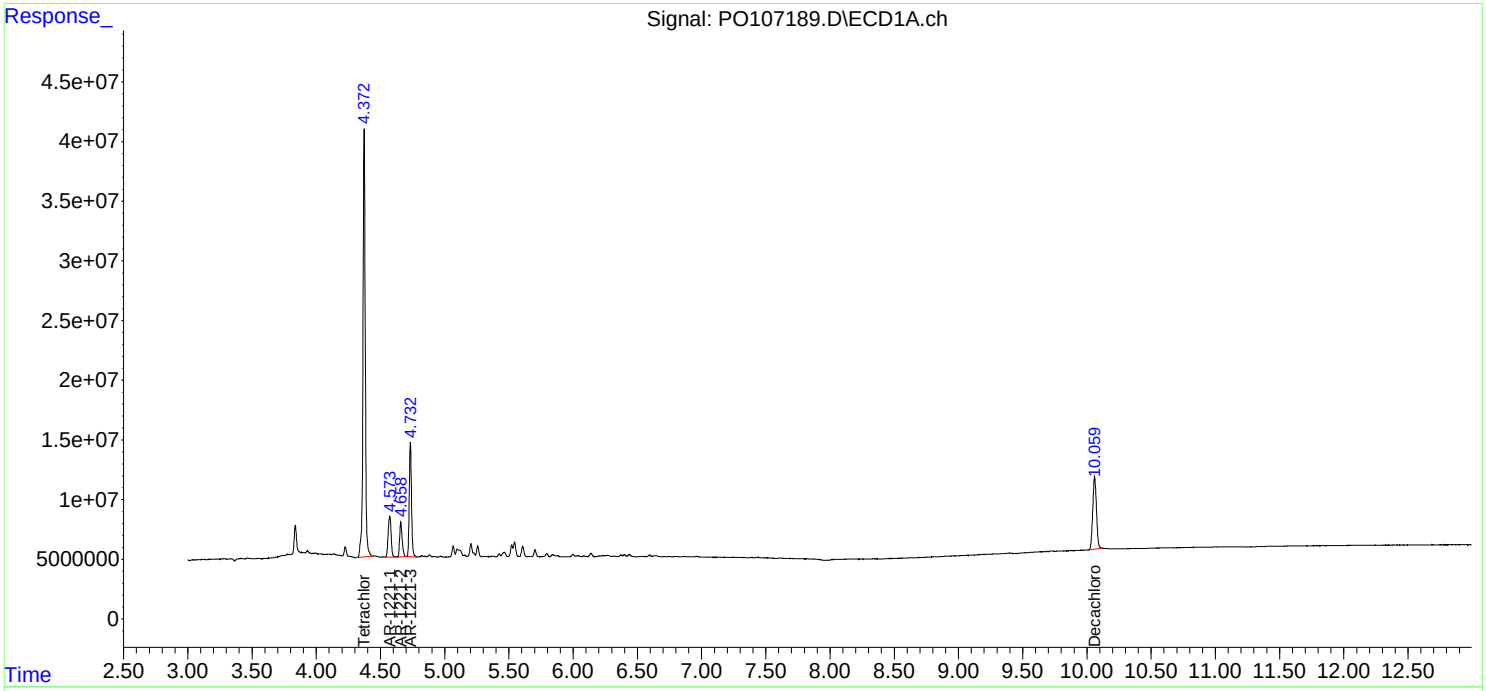
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

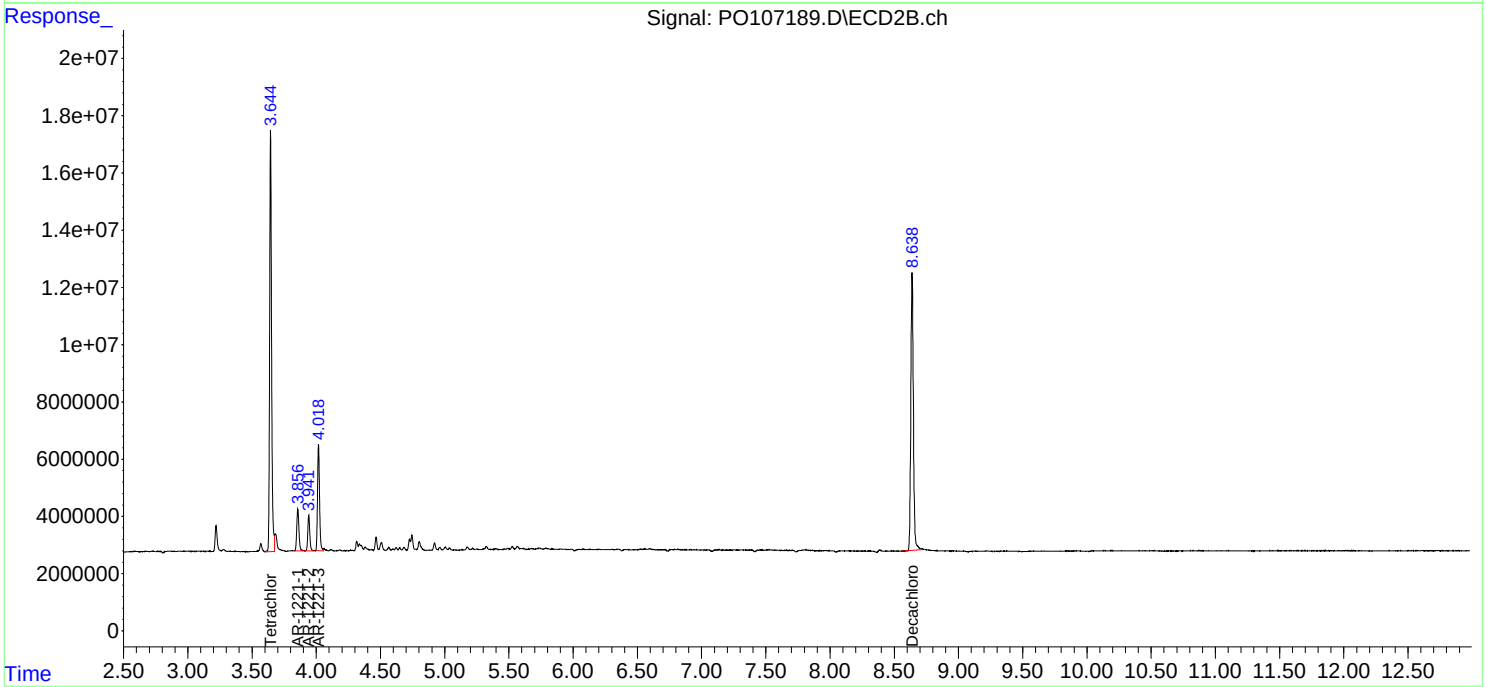
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107189.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 19:57
Operator : YP/AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

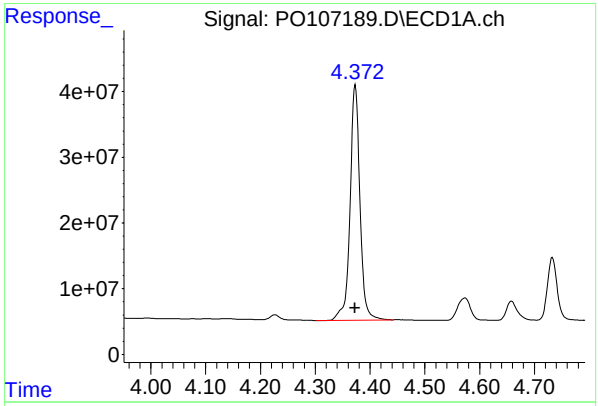
Instrument :
ECD_O
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 01:41:08 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 01:40:45 2024
Response via : Initial Calibration
Integrator: ChemStation

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



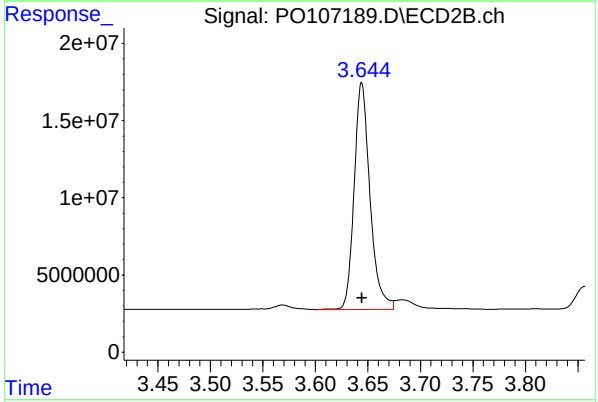




#1 Tetrachloro-m-xylene

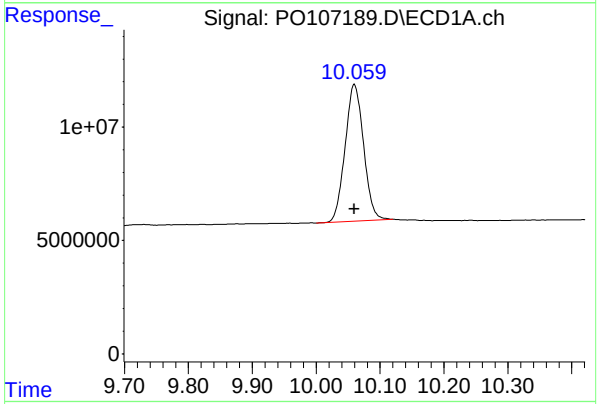
R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 449133612
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



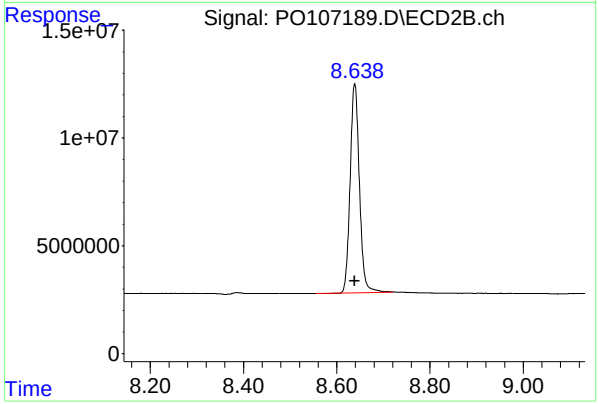
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 154054428
Conc: 50.00 ng/ml



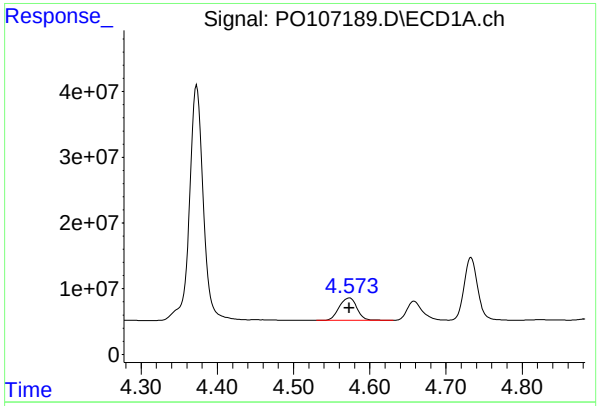
#2 Decachlorobiphenyl

R.T.: 10.060 min
Delta R.T.: 0.000 min
Response: 121624498
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

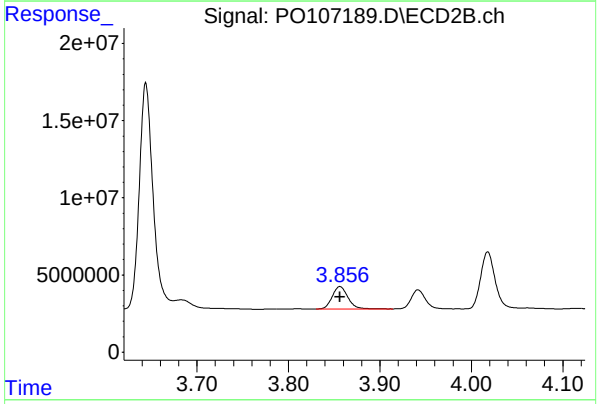
R.T.: 8.639 min
Delta R.T.: 0.000 min
Response: 134768135
Conc: 50.00 ng/ml



#8 AR-1221-1

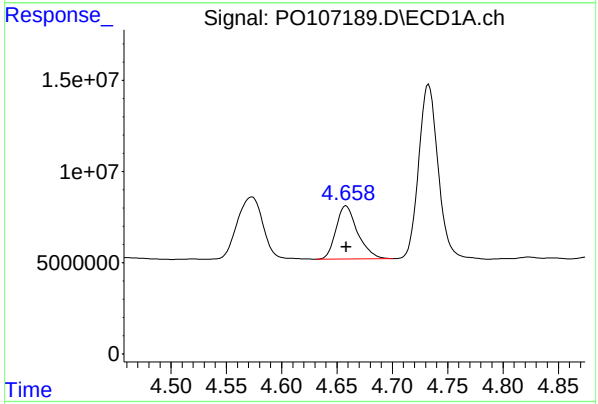
R.T.: 4.573 min
Delta R.T.: 0.000 min
Response: 55004944
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



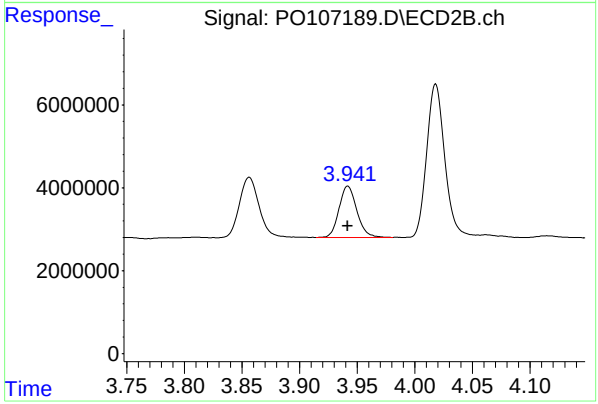
#8 AR-1221-1

R.T.: 3.856 min
Delta R.T.: 0.000 min
Response: 17447760
Conc: 500.00 ng/ml



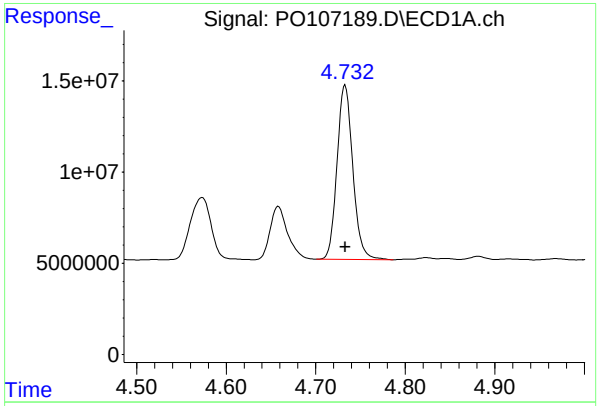
#9 AR-1221-2

R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 39418330
Conc: 500.00 ng/ml



#9 AR-1221-2

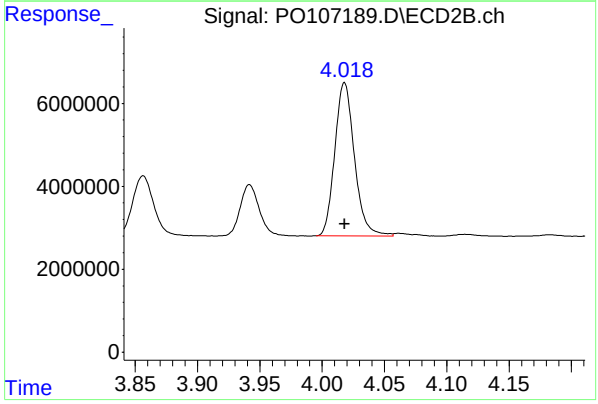
R.T.: 3.942 min
Delta R.T.: 0.000 min
Response: 13312448
Conc: 500.00 ng/ml



#10 AR-1221-3

R.T.: 4.733 min
Delta R.T.: 0.000 min
Response: 117049992
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



#10 AR-1221-3

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 40609299
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107190.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 20:15
Operator : YP/AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 01:46:02 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 01:45:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.373	3.644	454.2E6	157.5E6	50.000	50.000
2) SA	Decachlor...	10.059	8.639	121.6E6	135.6E6	50.000	50.000
	Target Compounds						
11) L3	AR-1232-1	4.733	4.017	97921824	33663502	500.000	500.000
12) L3	AR-1232-2	5.258	4.745	51512576	31602645	500.000	500.000
13) L3	AR-1232-3	5.544	4.921	89500289	17237464	500.000	500.000
14) L3	AR-1232-4	5.704	5.004	45082743	15732978	500.000	500.000
15) L3	AR-1232-5	5.796	5.176	32951614	16541659	500.000	500.000

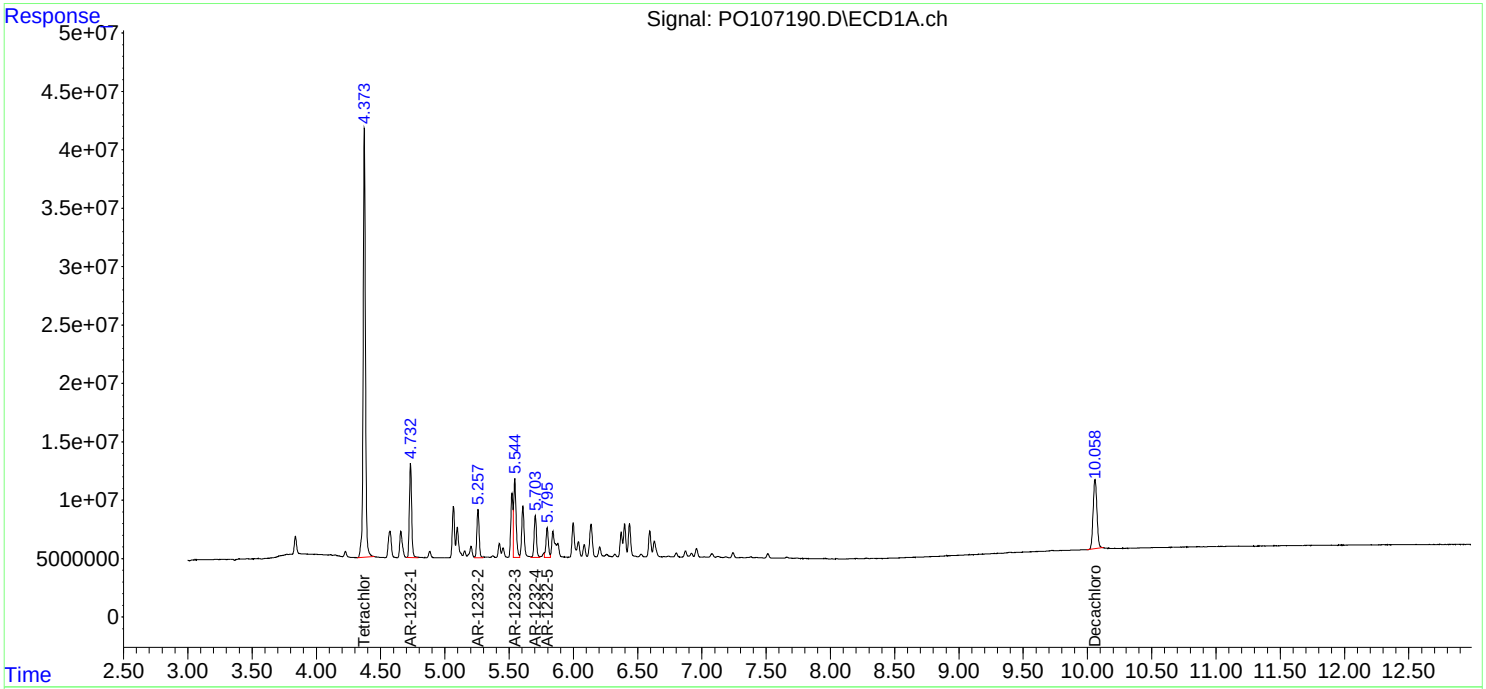
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

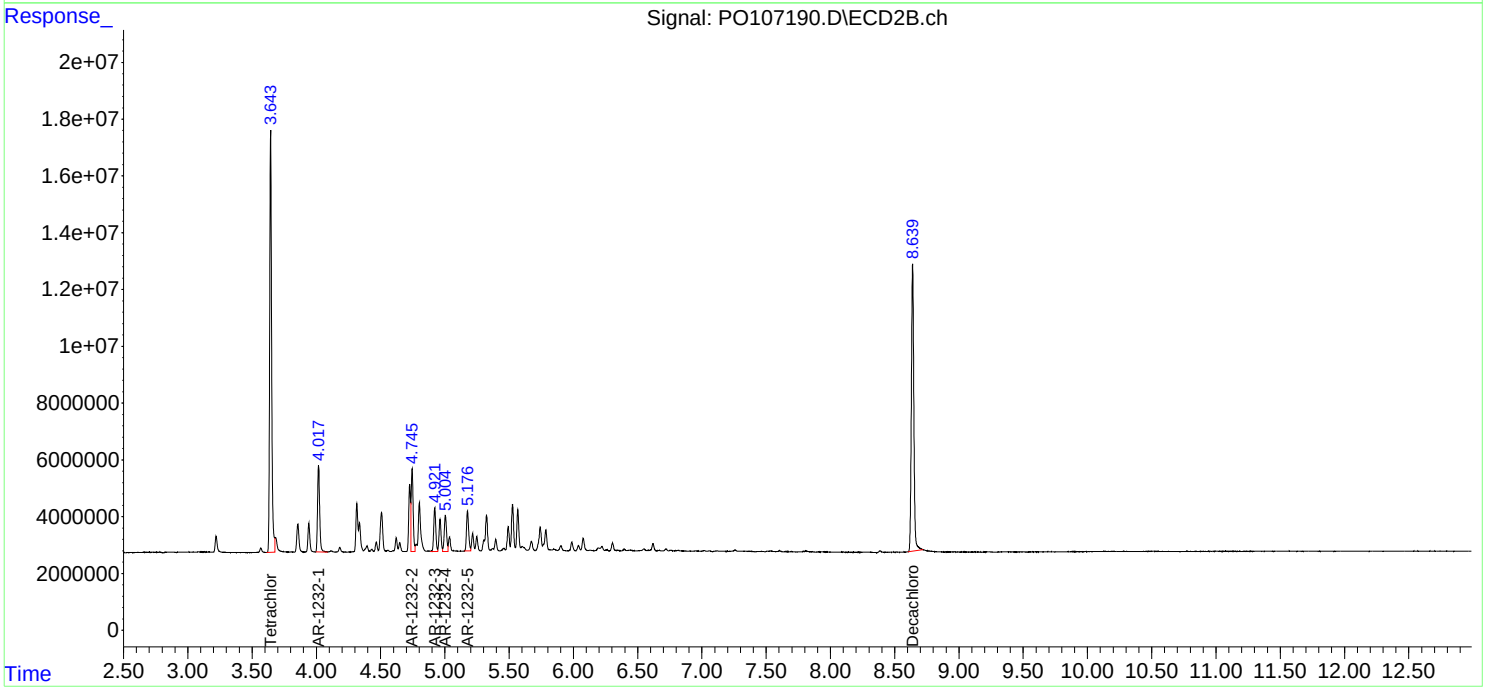
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107190.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 20:15
Operator : YP/AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

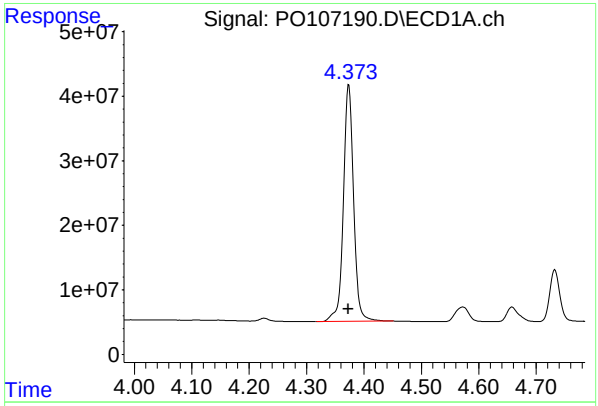
Instrument :
ECD_O
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 01:46:02 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 01:45:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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



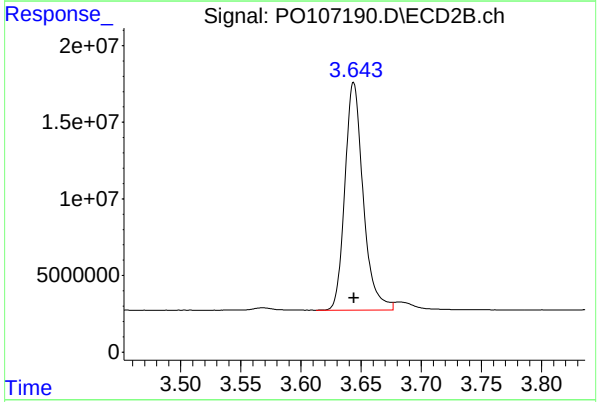




#1 Tetrachloro-m-xylene

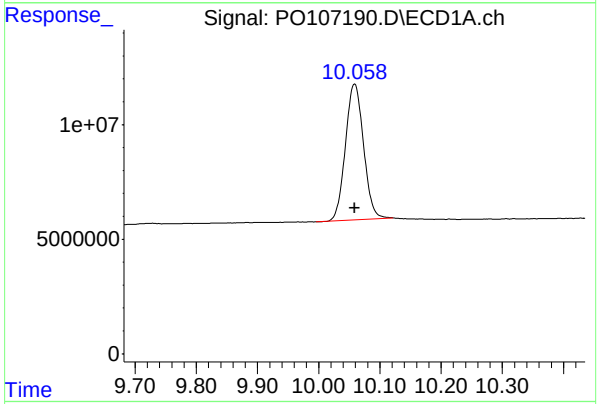
R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 454164139
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



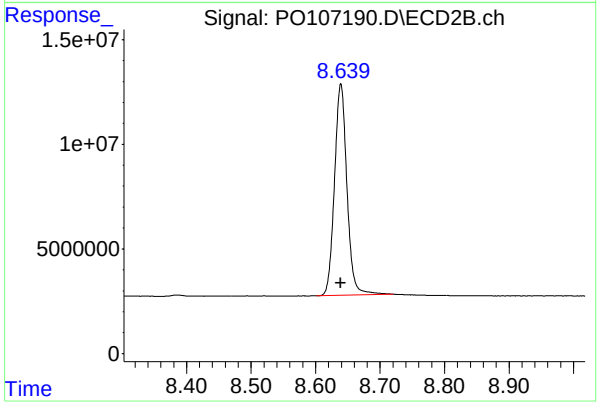
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 157500410
Conc: 50.00 ng/ml



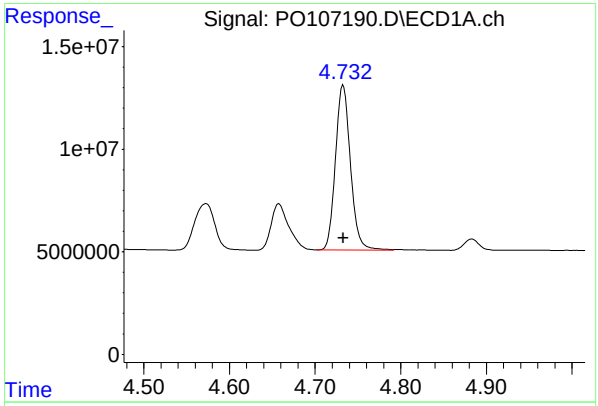
#2 Decachlorobiphenyl

R.T.: 10.059 min
Delta R.T.: 0.000 min
Response: 121597713
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

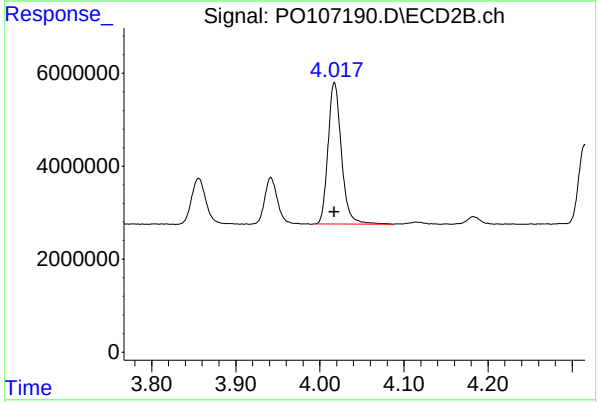
R.T.: 8.639 min
Delta R.T.: 0.000 min
Response: 135573923
Conc: 50.00 ng/ml



#11 AR-1232-1

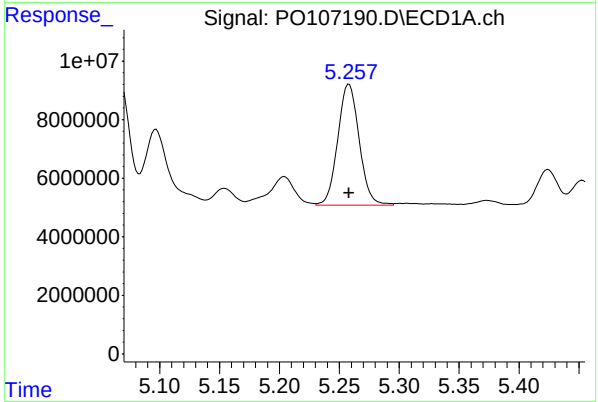
R.T.: 4.733 min
Delta R.T.: 0.000 min
Response: 97921824
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



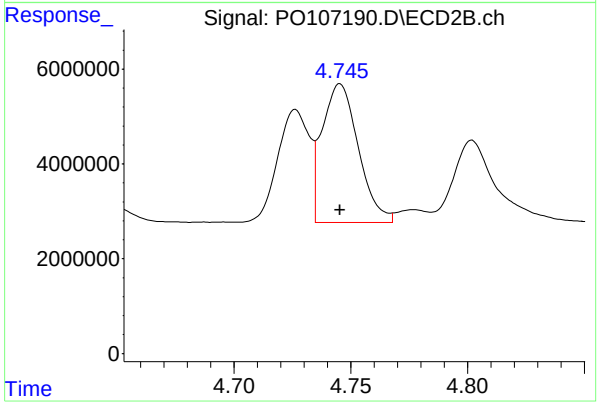
#11 AR-1232-1

R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 33663502
Conc: 500.00 ng/ml



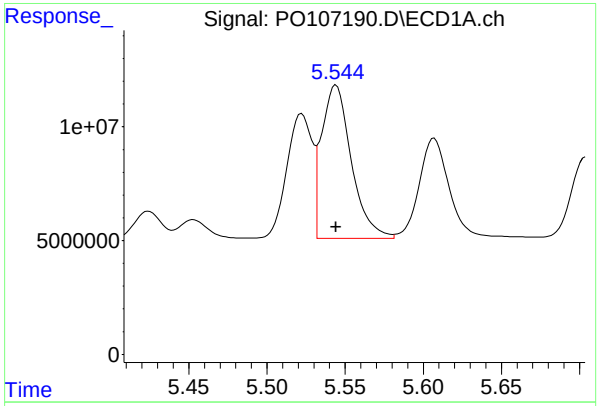
#12 AR-1232-2

R.T.: 5.258 min
Delta R.T.: 0.000 min
Response: 51512576
Conc: 500.00 ng/ml



#12 AR-1232-2

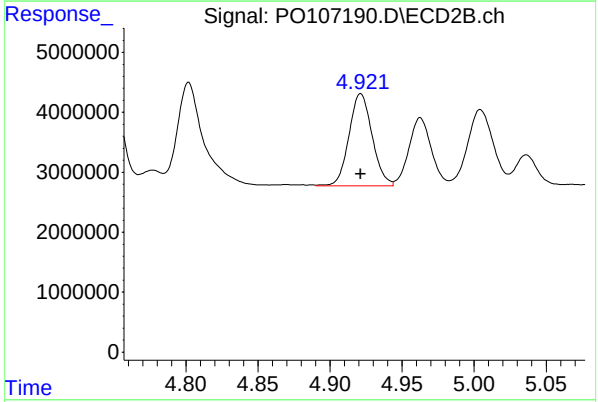
R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 31602645
Conc: 500.00 ng/ml



#13 AR-1232-3

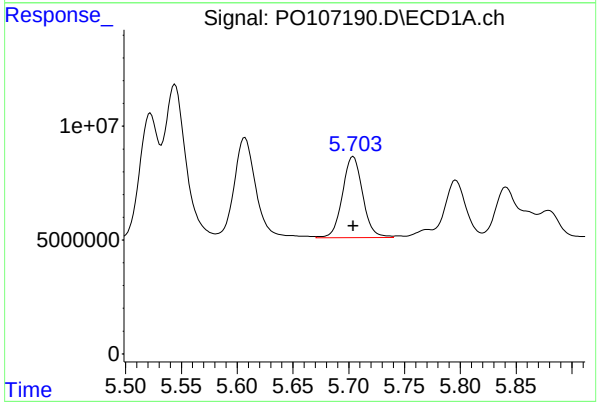
R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 89500289
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



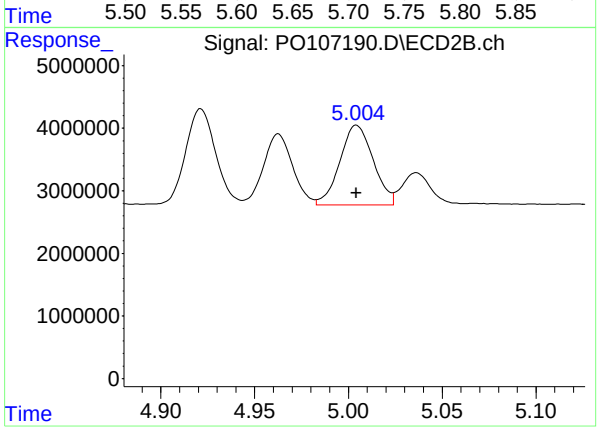
#13 AR-1232-3

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 17237464
Conc: 500.00 ng/ml



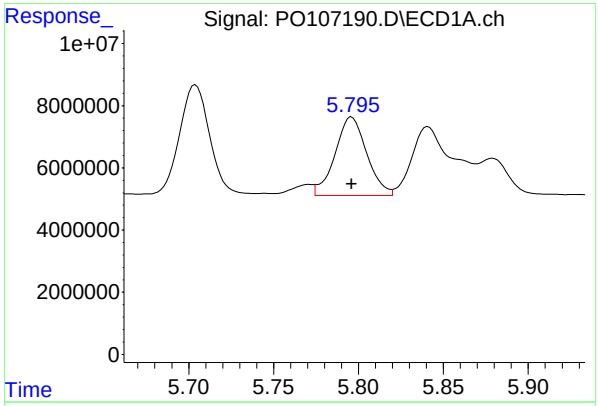
#14 AR-1232-4

R.T.: 5.704 min
Delta R.T.: 0.000 min
Response: 45082743
Conc: 500.00 ng/ml



#14 AR-1232-4

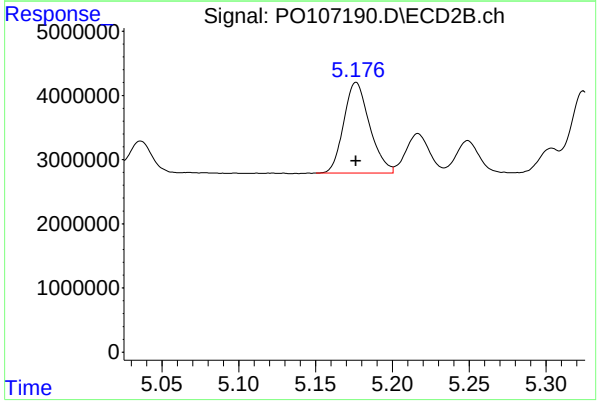
R.T.: 5.004 min
Delta R.T.: 0.000 min
Response: 15732978
Conc: 500.00 ng/ml



#15 AR-1232-5

R.T.: 5.796 min
Delta R.T.: 0.000 min
Response: 32951614
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



#15 AR-1232-5

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 16541659
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107191.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 20:34
Operator : YP/AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 01:49:28 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 01:48:50 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.373	3.644	886.0E6	331.6E6	96.865	99.238
2)	SA Decachlor...	10.061	8.638	233.9E6	268.7E6	93.851	97.198
	Target Compounds						
16)	L4 AR-1242-1	5.522	4.726	207.9E6	80390662	935.818	957.741
17)	L4 AR-1242-2	5.545	4.745	302.4E6	114.5E6	934.753	972.360
18)	L4 AR-1242-3	5.607	4.921	191.9E6	61817452	915.447	959.943
19)	L4 AR-1242-4	5.704	5.004	150.4E6	60582529	924.137	940.948
20)	L4 AR-1242-5	6.437	5.526	141.0E6	73763103	917.497	955.284

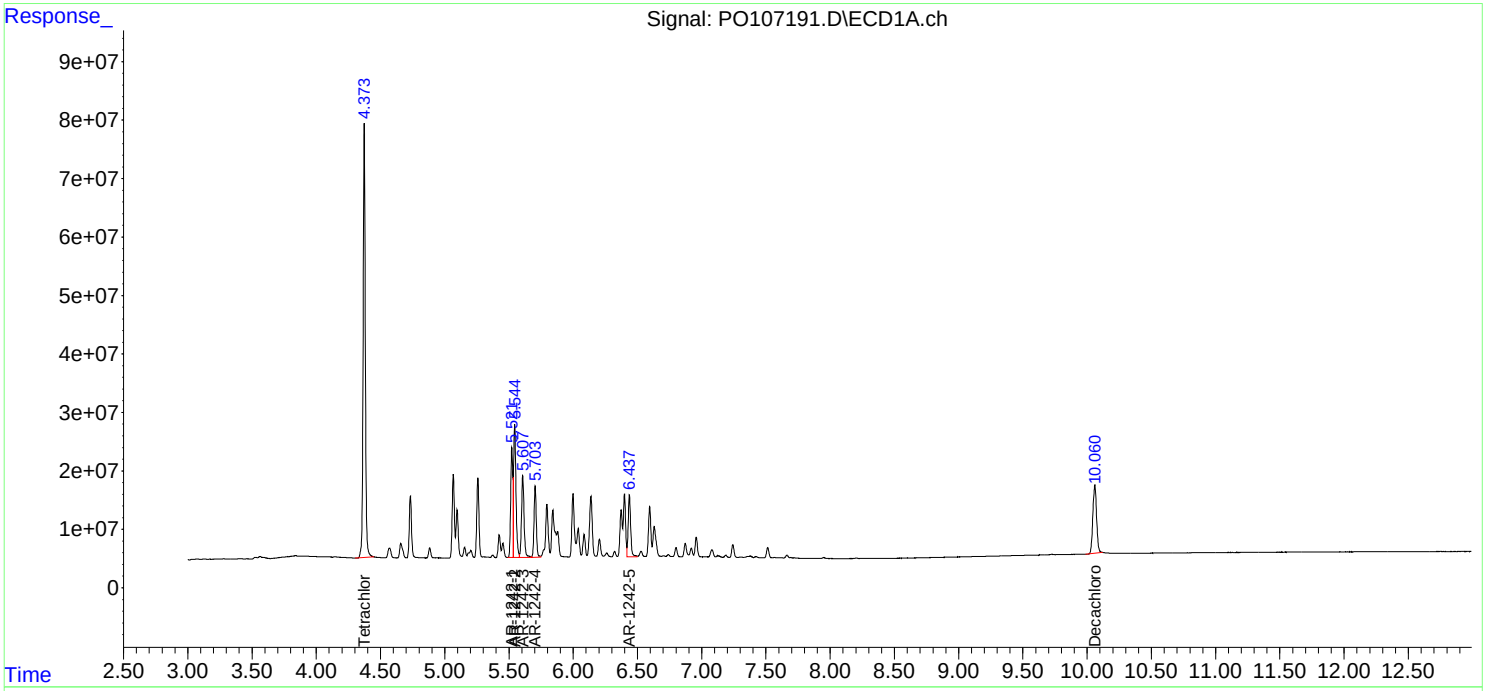
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

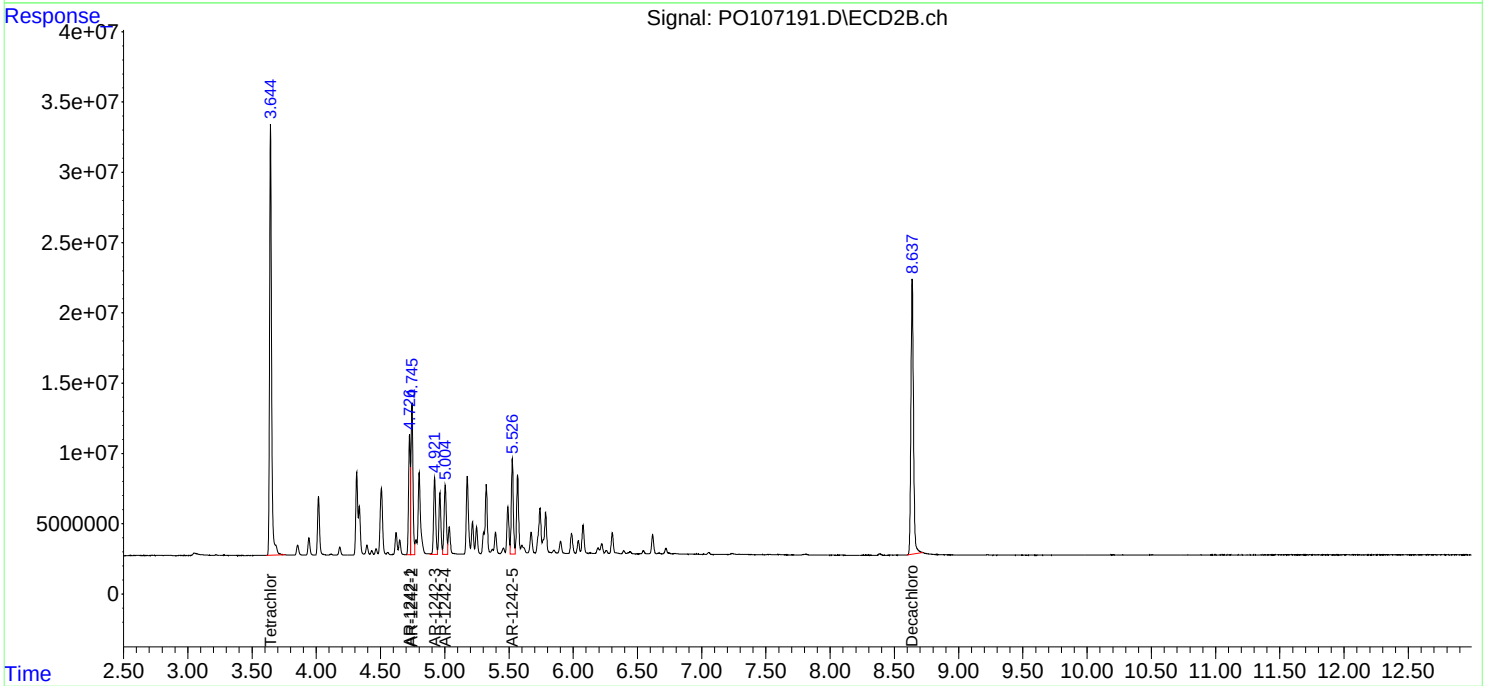
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107191.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 20:34
Operator : YP/AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

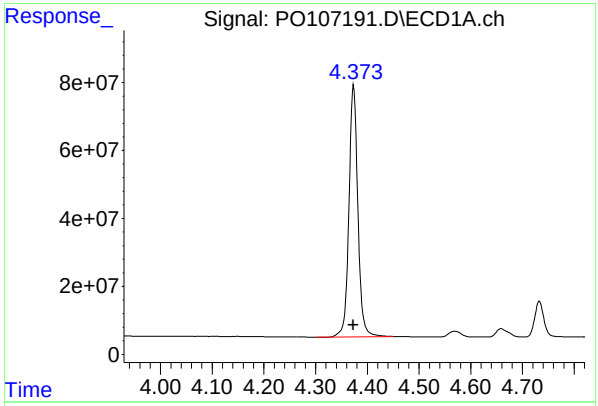
Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 01:49:28 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 01:48:50 2024
Response via : Initial Calibration
Integrator: ChemStation

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



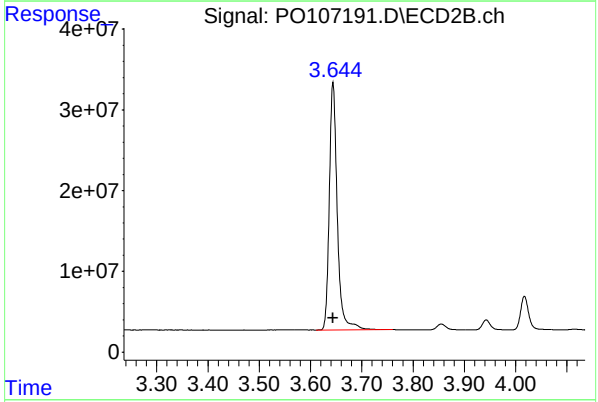




#1 Tetrachloro-m-xylene

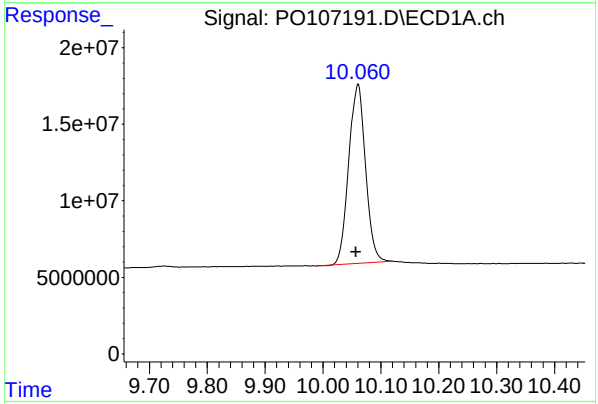
R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 886004362
Conc: 96.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



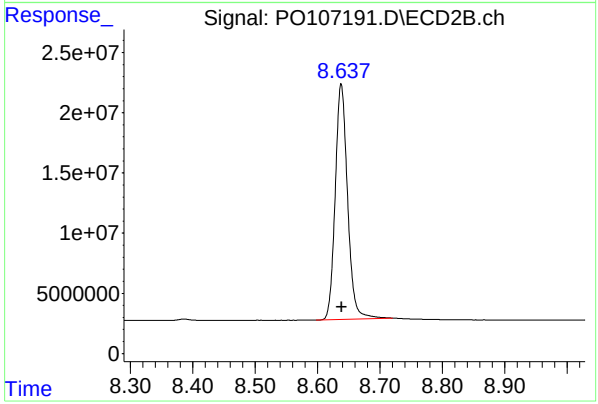
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 331572468
Conc: 99.24 ng/ml



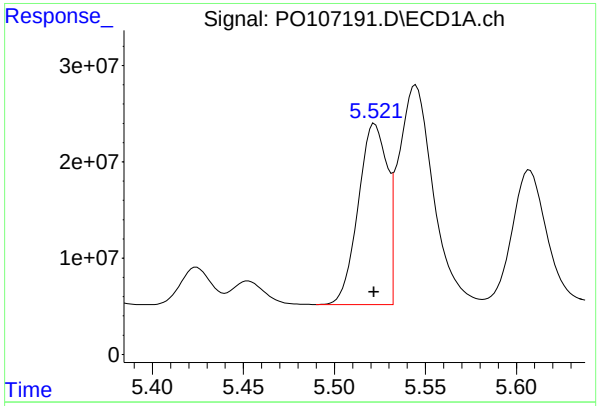
#2 Decachlorobiphenyl

R.T.: 10.061 min
Delta R.T.: 0.003 min
Response: 233942035
Conc: 93.85 ng/ml



#2 Decachlorobiphenyl

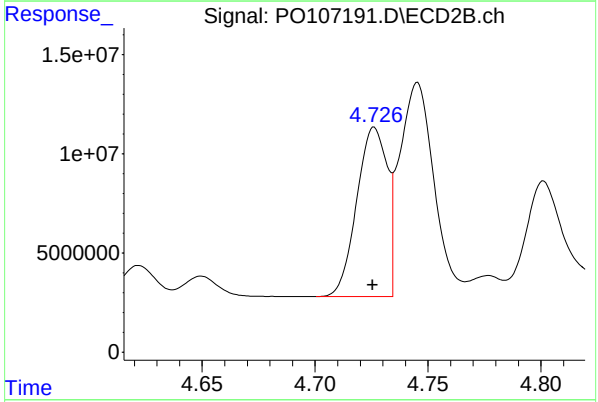
R.T.: 8.638 min
Delta R.T.: 0.000 min
Response: 268698532
Conc: 97.20 ng/ml



#16 AR-1242-1

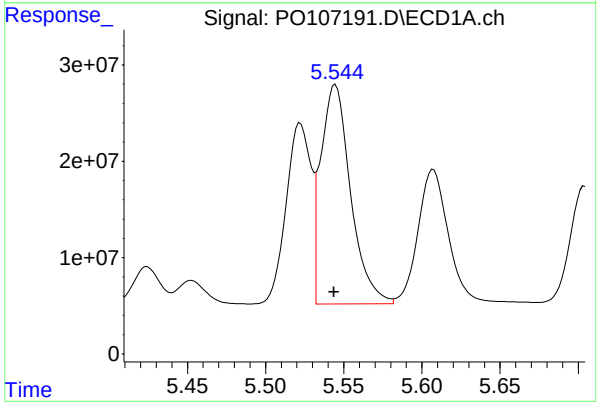
R.T.: 5.522 min
Delta R.T.: 0.000 min
Response: 207947063
Conc: 935.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



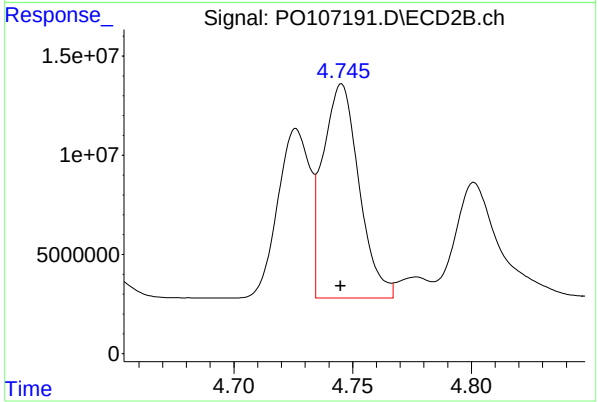
#16 AR-1242-1

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 80390662
Conc: 957.74 ng/ml



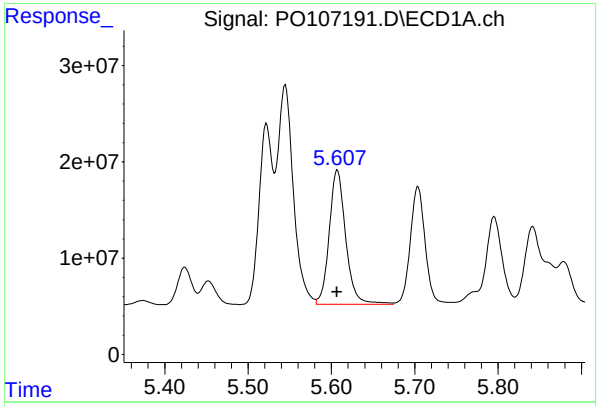
#17 AR-1242-2

R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 302439626
Conc: 934.75 ng/ml



#17 AR-1242-2

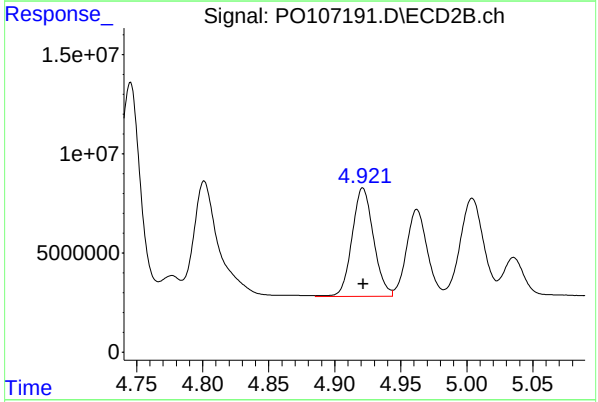
R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 114487494
Conc: 972.36 ng/ml



#18 AR-1242-3

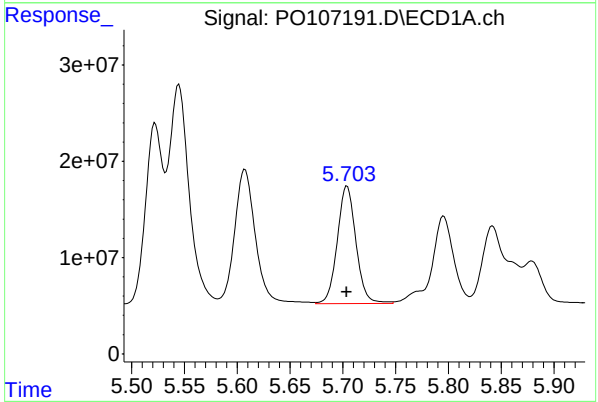
R.T.: 5.607 min
Delta R.T.: 0.000 min
Response: 191912697
Conc: 915.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



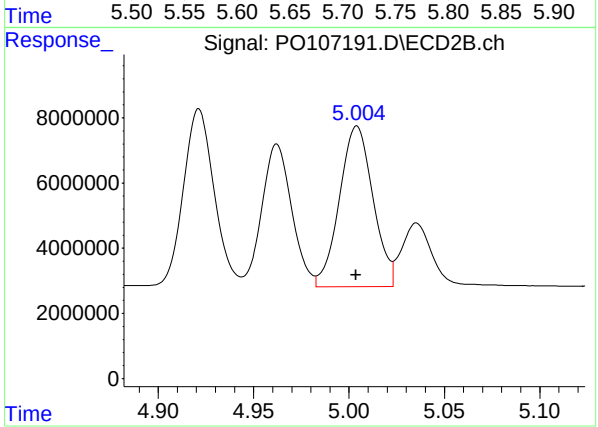
#18 AR-1242-3

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 61817452
Conc: 959.94 ng/ml



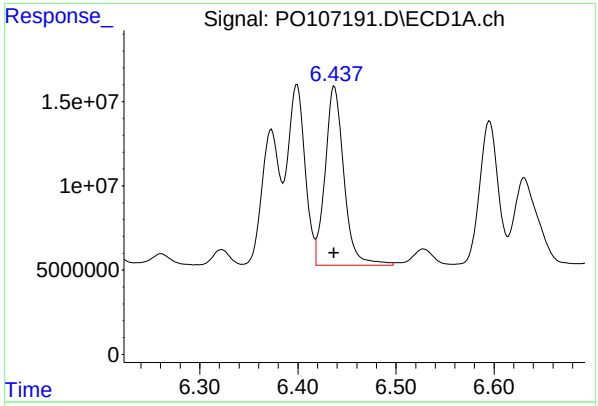
#19 AR-1242-4

R.T.: 5.704 min
Delta R.T.: 0.000 min
Response: 150447174
Conc: 924.14 ng/ml



#19 AR-1242-4

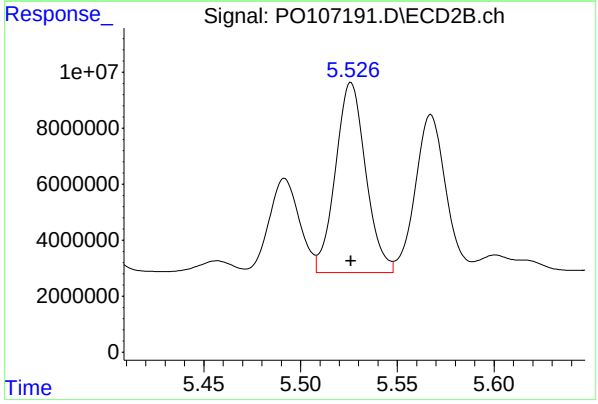
R.T.: 5.004 min
Delta R.T.: 0.000 min
Response: 60582529
Conc: 940.95 ng/ml



#20 AR-1242-5

R.T.: 6.437 min
Delta R.T.: 0.000 min
Response: 141009343
Conc: 917.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



#20 AR-1242-5

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 73763103
Conc: 955.28 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107192.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 20:52
Operator : YP/AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 01:49:55 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 01:48:50 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.373	3.644	648.9E6	243.1E6	70.941	72.772
2)	SA Decachlor...	10.059	8.639	182.1E6	207.3E6	73.046	74.999
	Target Compounds						
16)	L4 AR-1242-1	5.521	4.726	154.2E6	60335620	693.850	718.814
17)	L4 AR-1242-2	5.544	4.746	225.0E6	83449803	695.293	708.752
18)	L4 AR-1242-3	5.606	4.922	144.9E6	45346429	691.114	704.170
19)	L4 AR-1242-4	5.703	5.005	109.0E6	45477164	669.566	706.336
20)	L4 AR-1242-5	6.437	5.526	107.6E6	56756574	699.831	735.037

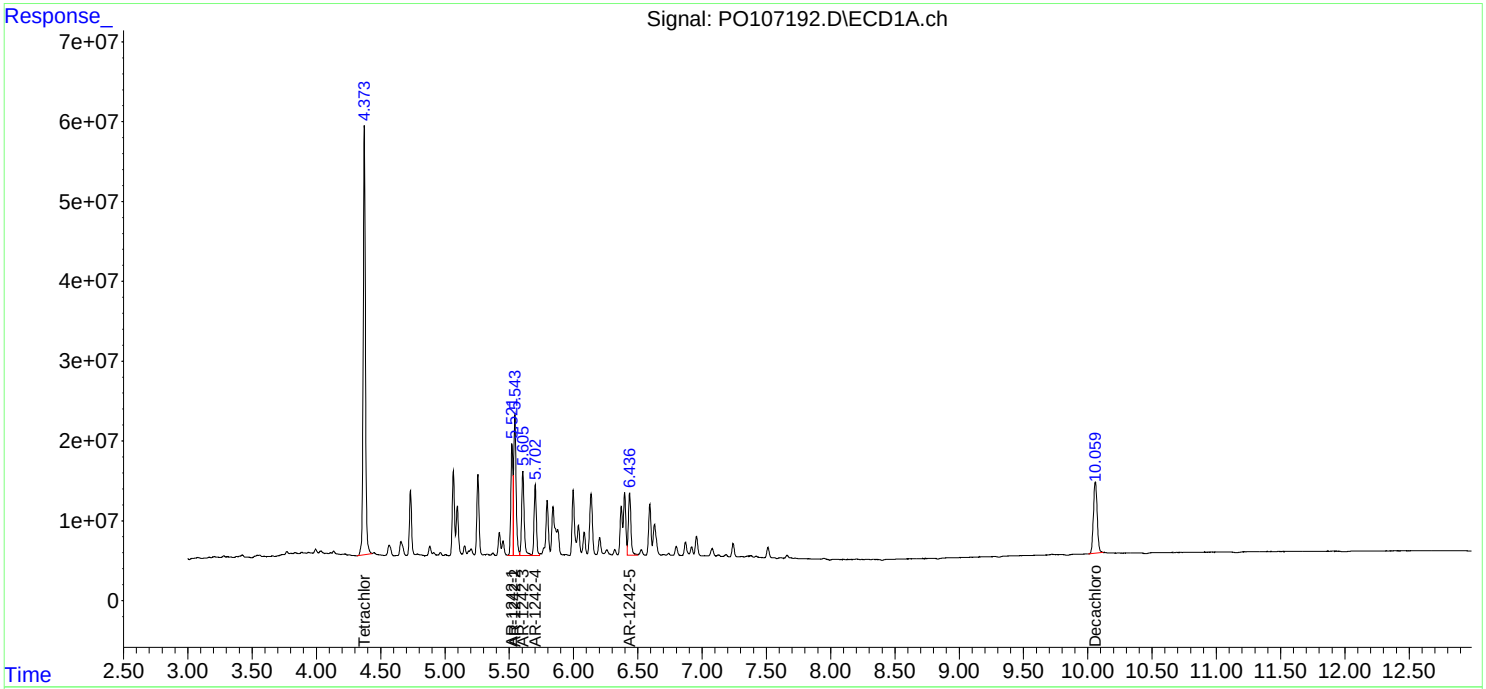
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

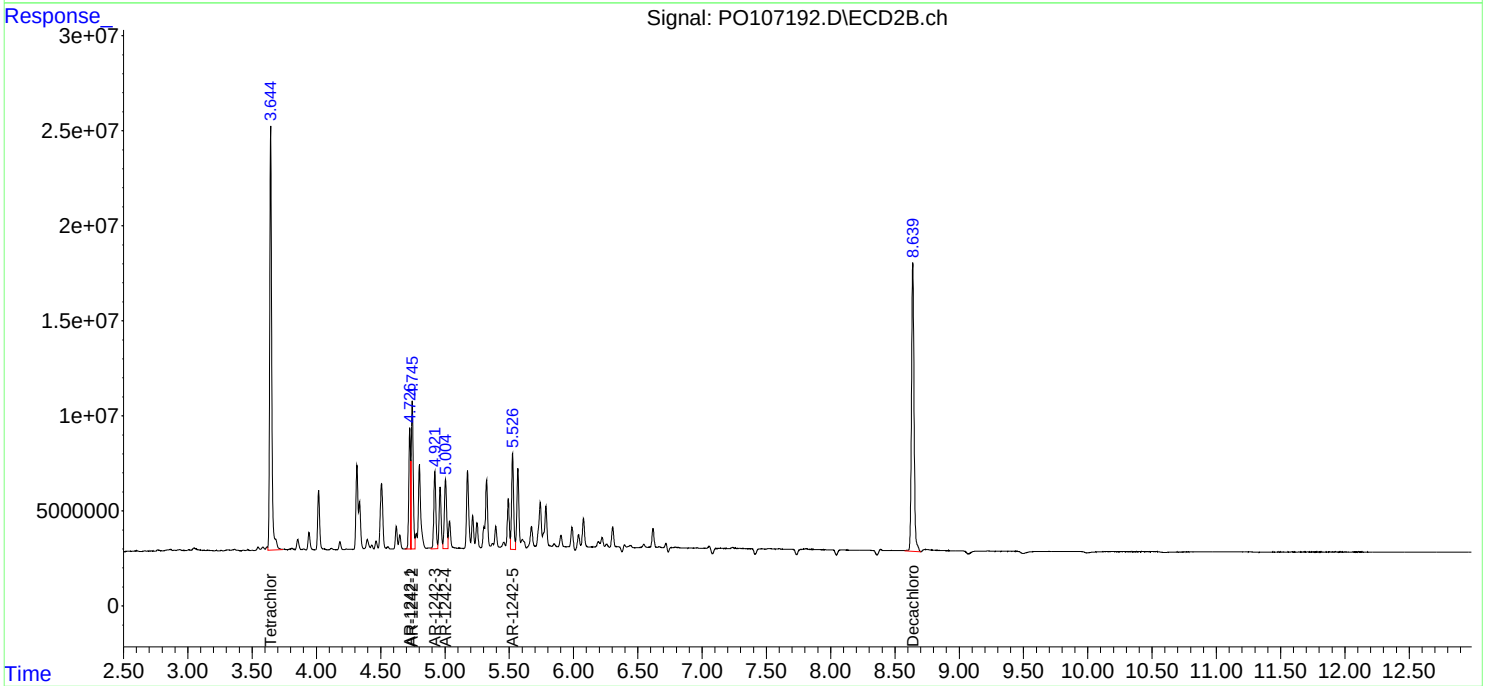
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107192.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 20:52
Operator : YP/AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

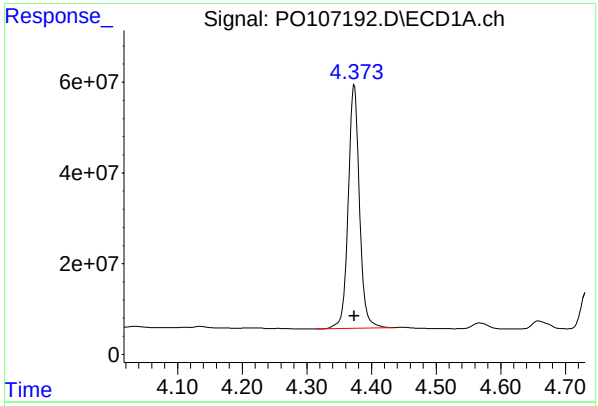
Instrument :
ECD_O
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 01:49:55 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 01:48:50 2024
Response via : Initial Calibration
Integrator: ChemStation

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



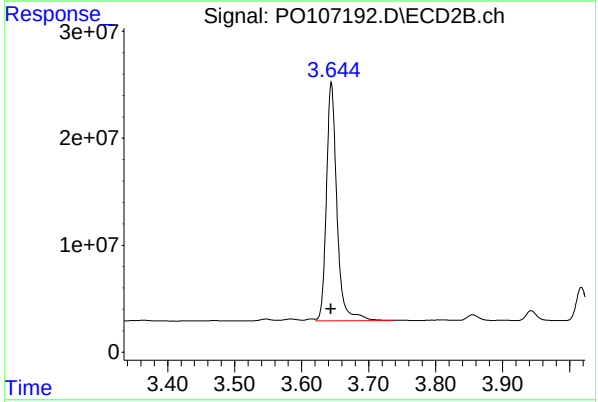




#1 Tetrachloro-m-xylene

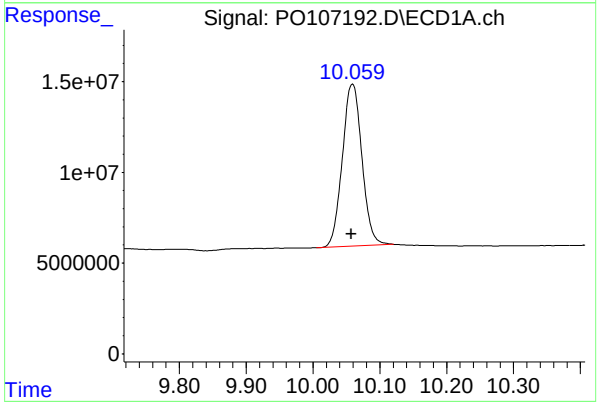
R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 648880776
Conc: 70.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



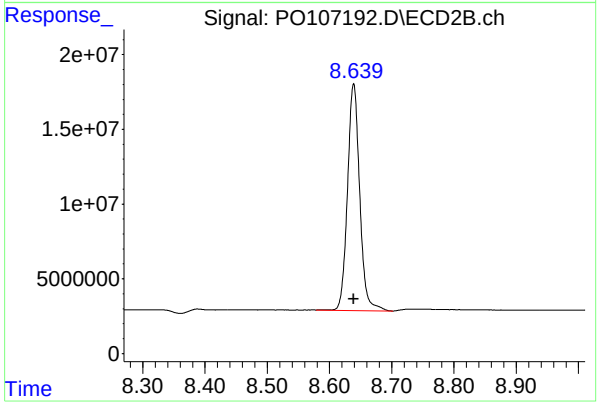
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 243146149
Conc: 72.77 ng/ml



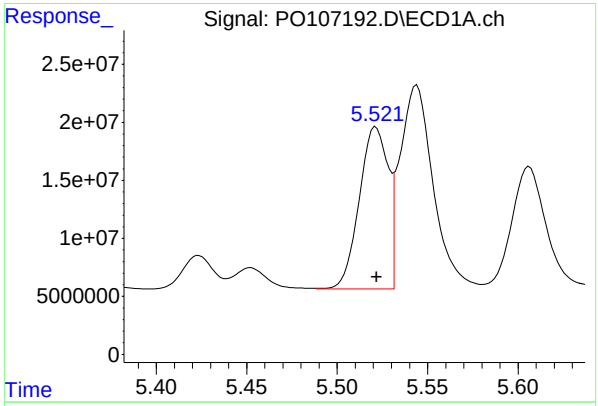
#2 Decachlorobiphenyl

R.T.: 10.059 min
Delta R.T.: 0.002 min
Response: 182080715
Conc: 73.05 ng/ml



#2 Decachlorobiphenyl

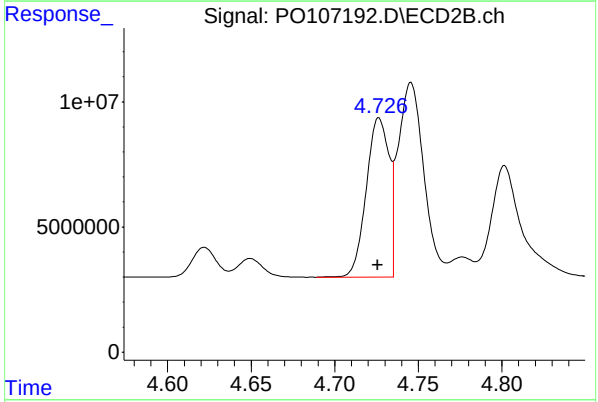
R.T.: 8.639 min
Delta R.T.: 0.000 min
Response: 207331371
Conc: 75.00 ng/ml



#16 AR-1242-1

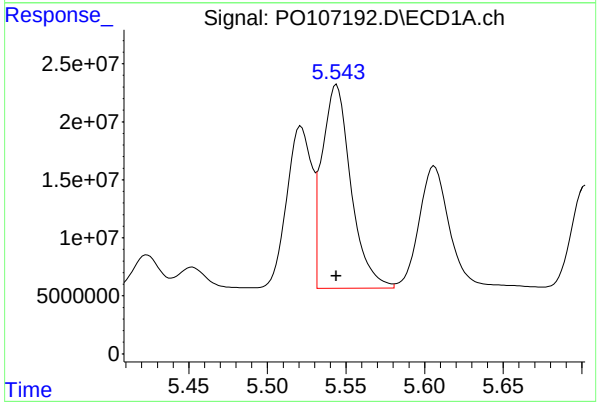
R.T.: 5.521 min
Delta R.T.: 0.000 min
Response: 154179687
Conc: 693.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



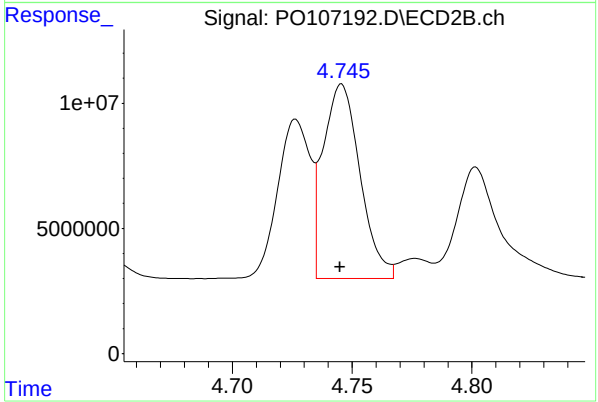
#16 AR-1242-1

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 60335620
Conc: 718.81 ng/ml



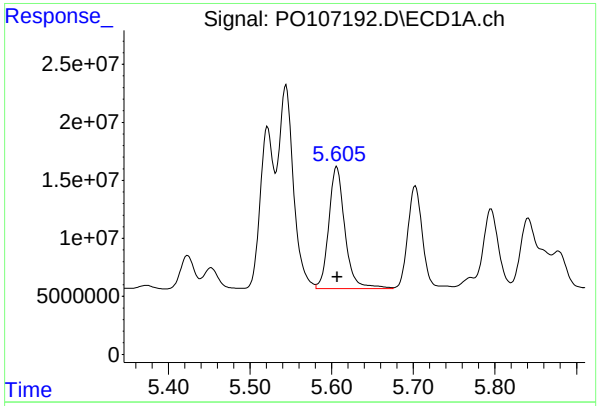
#17 AR-1242-2

R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 224962212
Conc: 695.29 ng/ml



#17 AR-1242-2

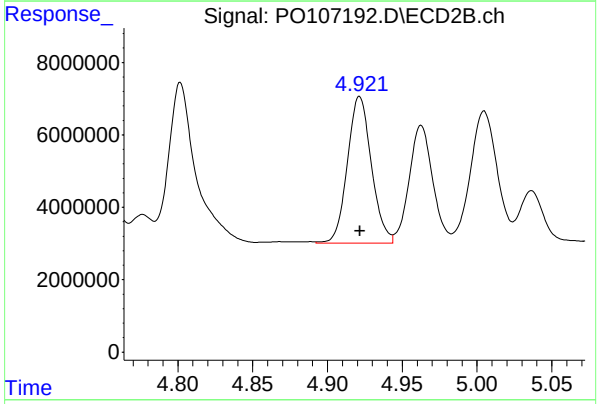
R.T.: 4.746 min
Delta R.T.: 0.000 min
Response: 83449803
Conc: 708.75 ng/ml



#18 AR-1242-3

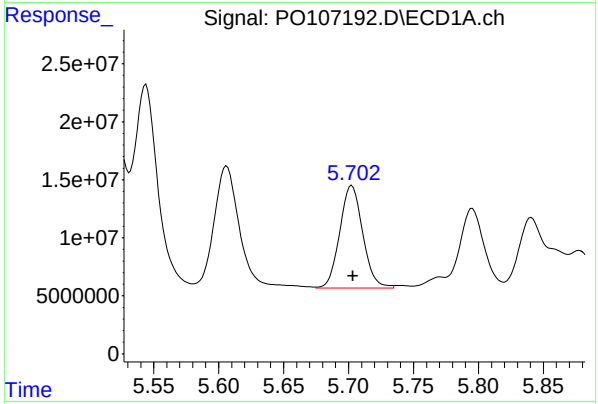
R.T.: 5.606 min
Delta R.T.: 0.000 min
Response: 144883820
Conc: 691.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



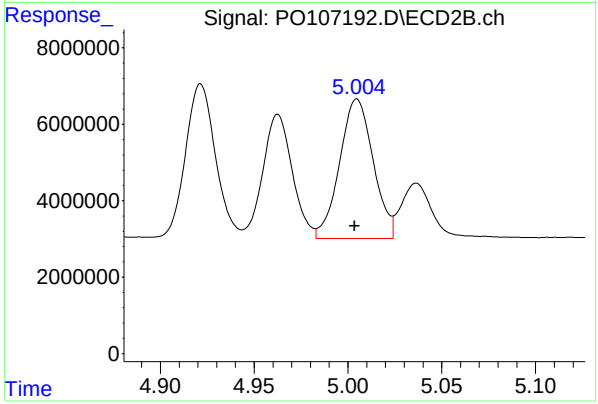
#18 AR-1242-3

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 45346429
Conc: 704.17 ng/ml



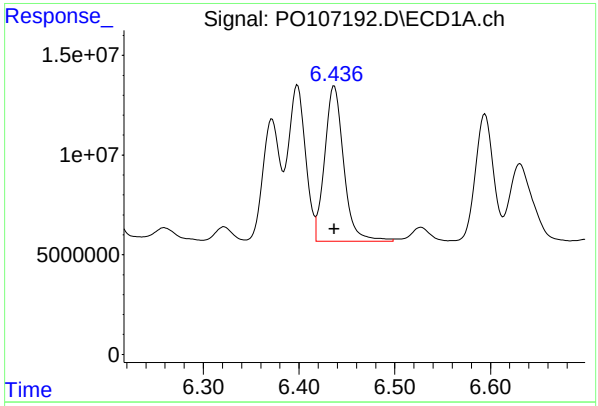
#19 AR-1242-4

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 109003647
Conc: 669.57 ng/ml



#19 AR-1242-4

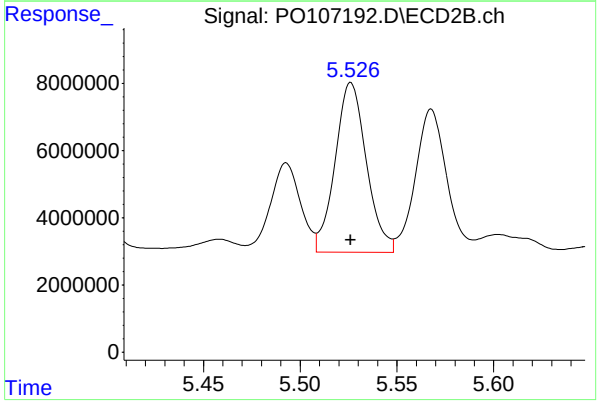
R.T.: 5.005 min
Delta R.T.: 0.001 min
Response: 45477164
Conc: 706.34 ng/ml



#20 AR-1242-5

R.T.: 6.437 min
Delta R.T.: 0.000 min
Response: 107556327
Conc: 699.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



#20 AR-1242-5

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 56756574
Conc: 735.04 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107193.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 21:10
Operator : YP/AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 01:50:23 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 01:48:50 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.373	3.644	457.3E6	167.1E6	50.000	50.000
2)	SA Decachlor...	10.057	8.639	124.6E6	138.2E6	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	5.522	4.726	111.1E6	41968881	500.000	500.000
17)	L4 AR-1242-2	5.544	4.745	161.8E6	58870958	500.000	500.000
18)	L4 AR-1242-3	5.607	4.922	104.8E6	32198496	500.000	500.000
19)	L4 AR-1242-4	5.703	5.004	81398754	32192297	500.000	500.000
20)	L4 AR-1242-5	6.437	5.526	76844549	38607958	500.000	500.000

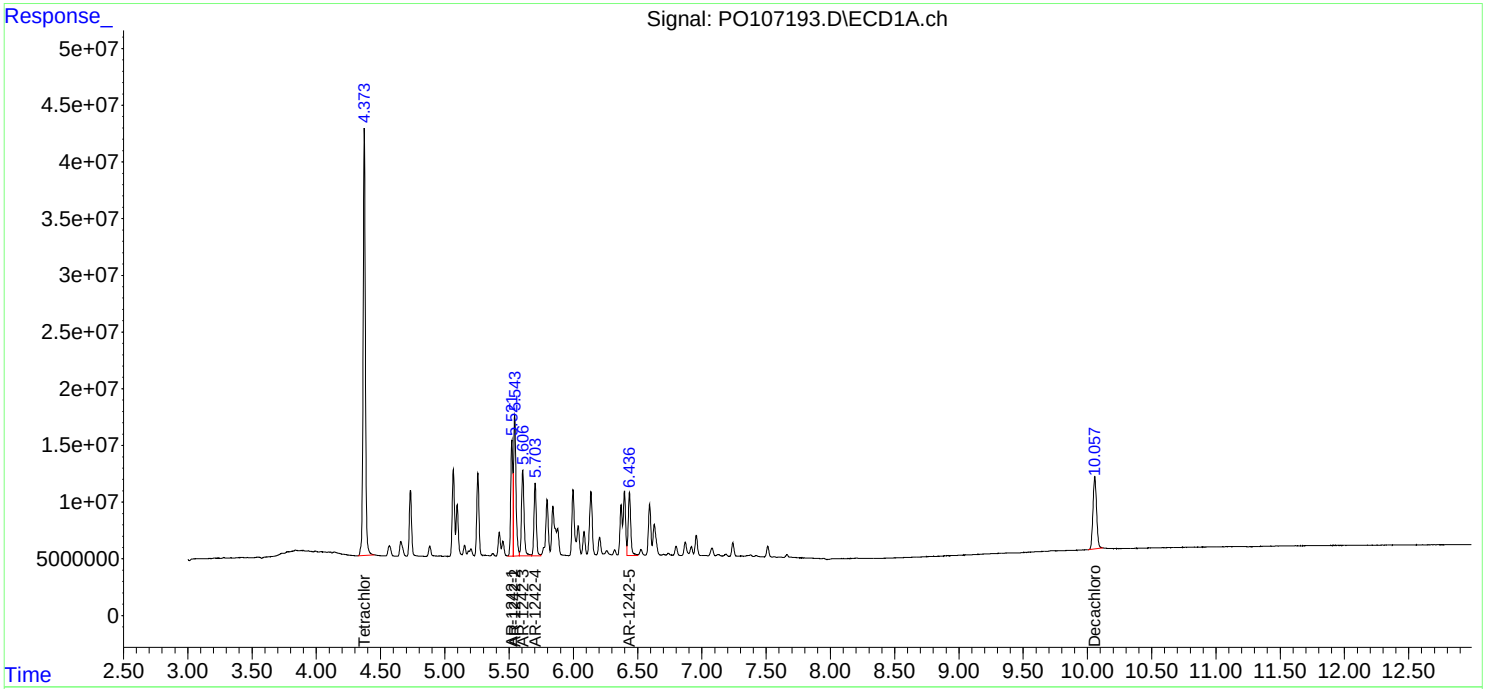
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

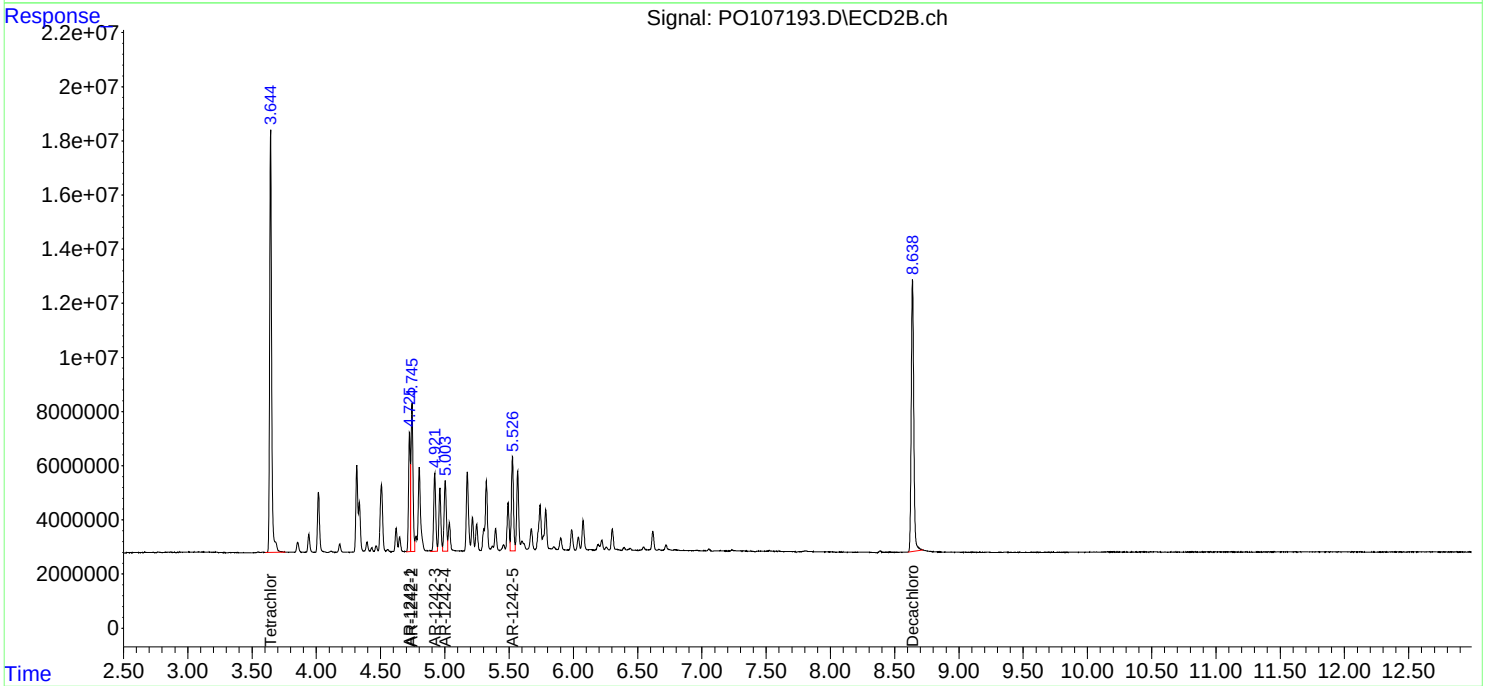
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107193.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 21:10
Operator : YP/AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

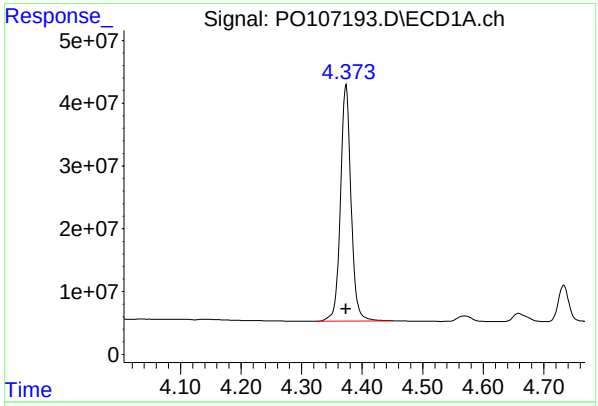
Instrument :
ECD_O
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 01:50:23 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 01:48:50 2024
Response via : Initial Calibration
Integrator: ChemStation

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



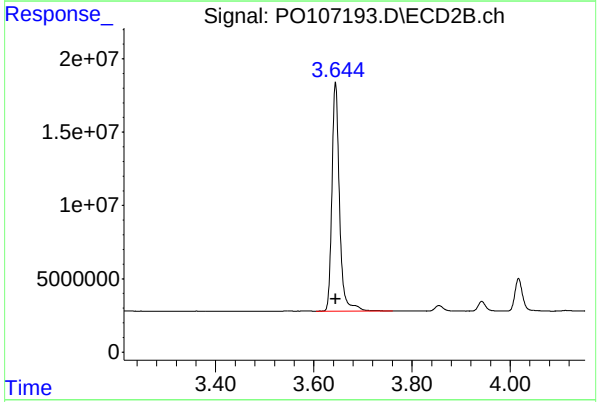




#1 Tetrachloro-m-xylene

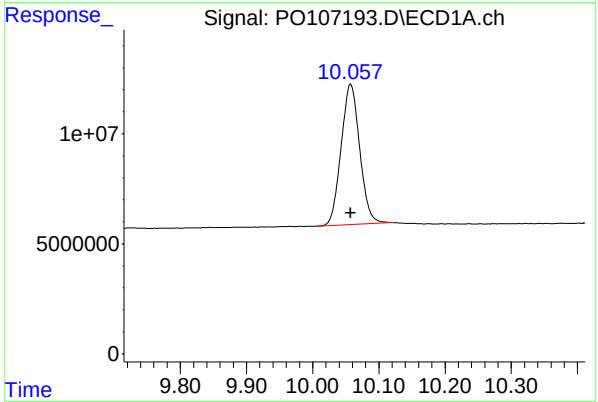
R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 457339208
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



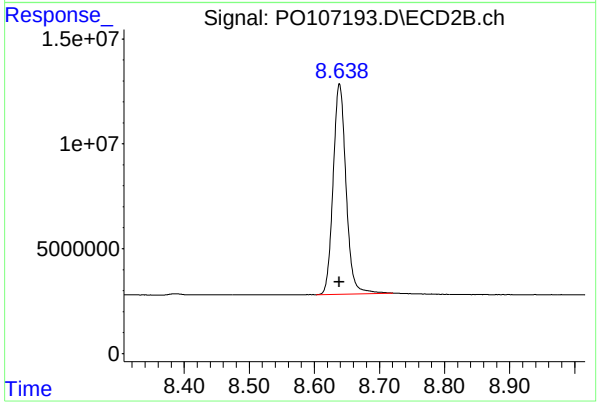
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 167059902
Conc: 50.00 ng/ml



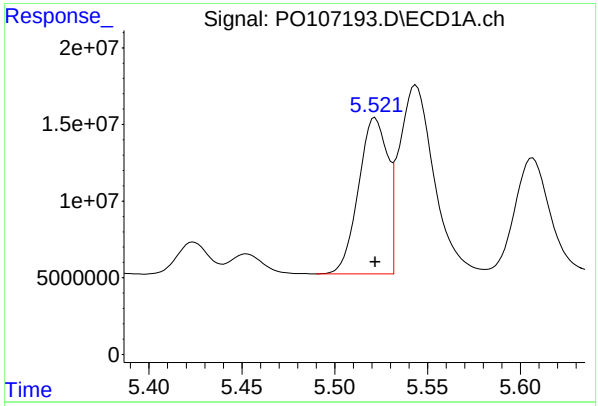
#2 Decachlorobiphenyl

R.T.: 10.057 min
Delta R.T.: 0.000 min
Response: 124635042
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

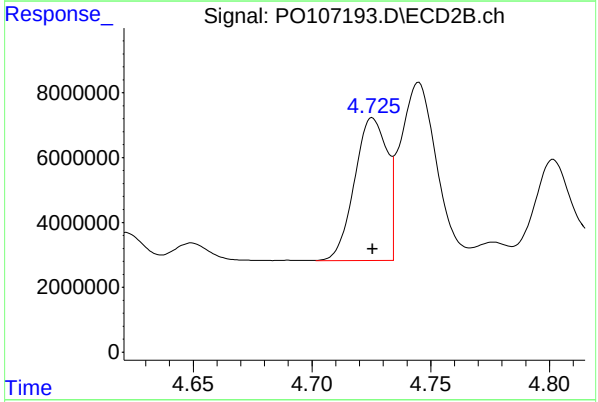
R.T.: 8.639 min
Delta R.T.: 0.000 min
Response: 138221839
Conc: 50.00 ng/ml



#16 AR-1242-1

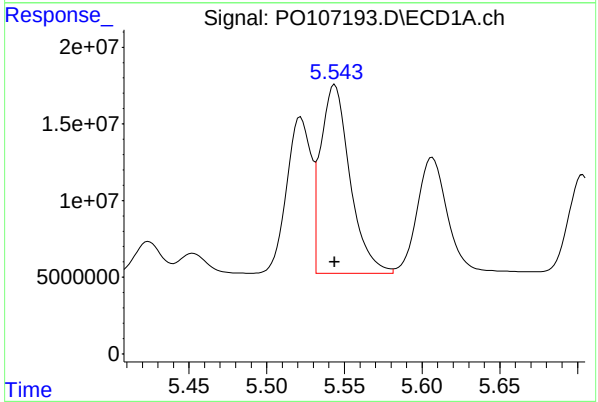
R.T.: 5.522 min
Delta R.T.: 0.000 min
Response: 111104404
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



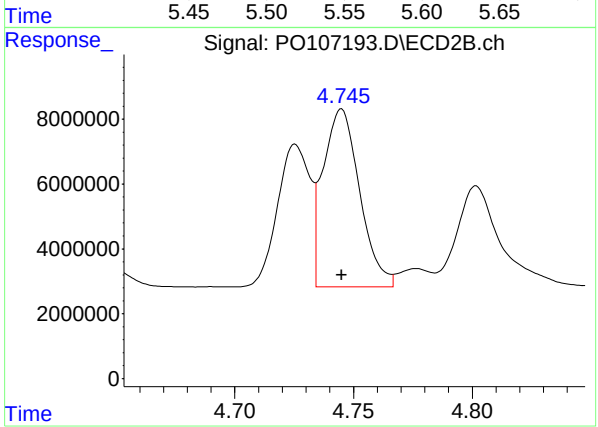
#16 AR-1242-1

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 41968881
Conc: 500.00 ng/ml



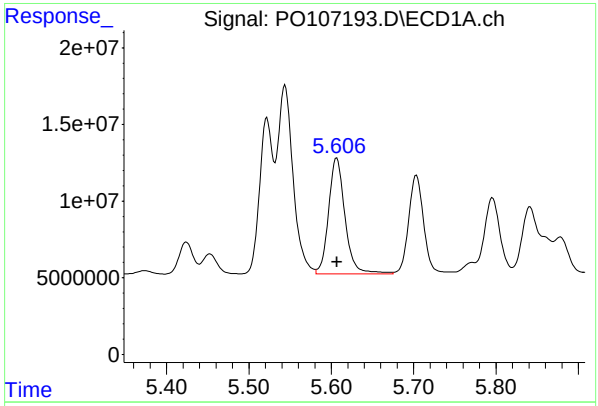
#17 AR-1242-2

R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 161775206
Conc: 500.00 ng/ml



#17 AR-1242-2

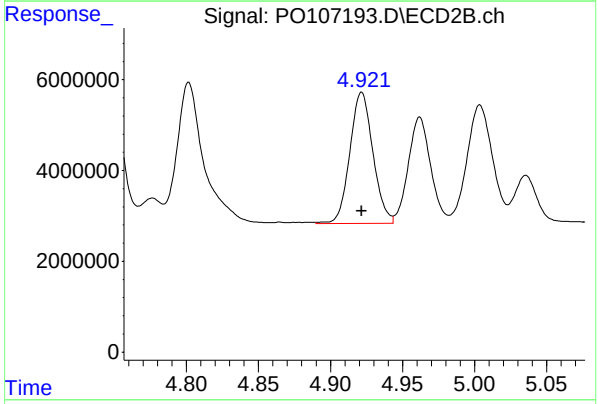
R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 58870958
Conc: 500.00 ng/ml



#18 AR-1242-3

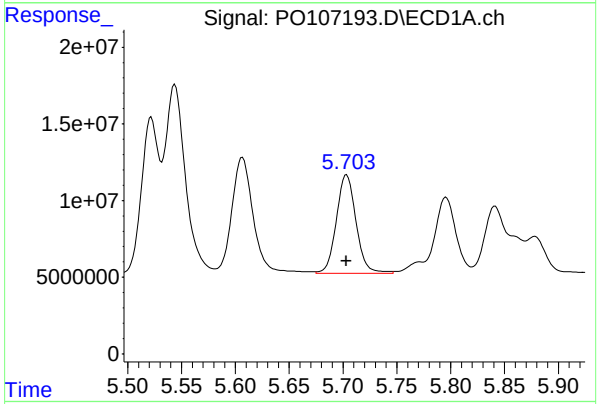
R.T.: 5.607 min
Delta R.T.: 0.000 min
Response: 104819076
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



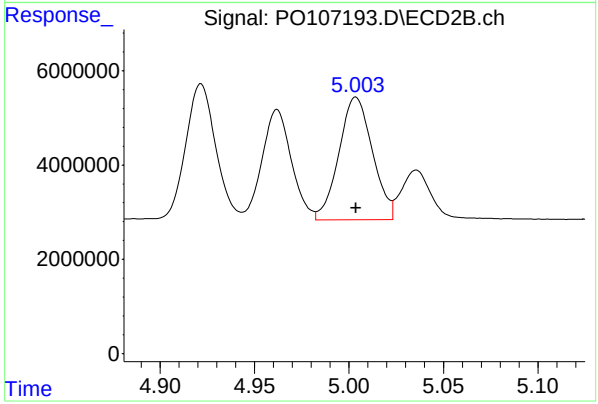
#18 AR-1242-3

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 32198496
Conc: 500.00 ng/ml



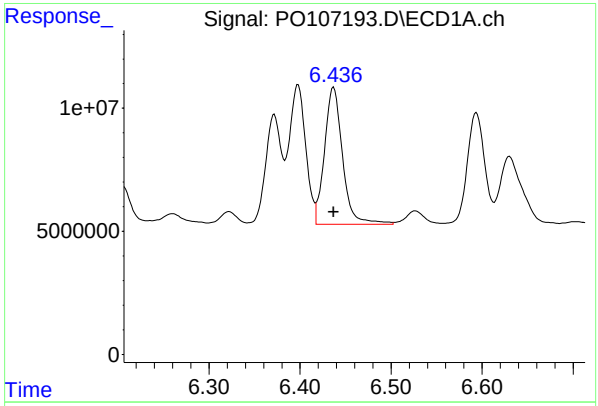
#19 AR-1242-4

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 81398754
Conc: 500.00 ng/ml



#19 AR-1242-4

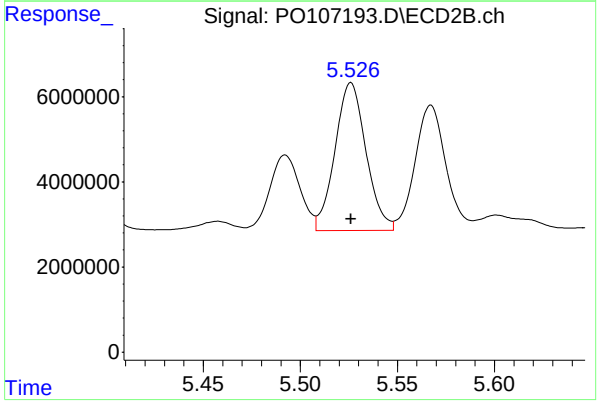
R.T.: 5.004 min
Delta R.T.: 0.000 min
Response: 32192297
Conc: 500.00 ng/ml



#20 AR-1242-5

R.T.: 6.437 min
Delta R.T.: 0.000 min
Response: 76844549
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



#20 AR-1242-5

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 38607958
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107194.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 21:28
Operator : YP/AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 01:50:53 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 01:48:50 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.373	3.645	237.6E6	83389360	25.977	24.958
2)	SA Decachlor...	10.057	8.639	63795685	69963548	25.593	25.308
	Target Compounds						
16)	L4 AR-1242-1	5.522	4.727	59739114	21816724	268.842	259.915
17)	L4 AR-1242-2	5.544	4.746	85701102	30166778	264.877	256.211
18)	L4 AR-1242-3	5.607	4.922	56076682	16716467	267.493	259.585
19)	L4 AR-1242-4	5.703	5.005	43283991	17011315	265.876	264.214
20)	L4 AR-1242-5	6.437	5.526	41155754	20184132	267.786	261.399

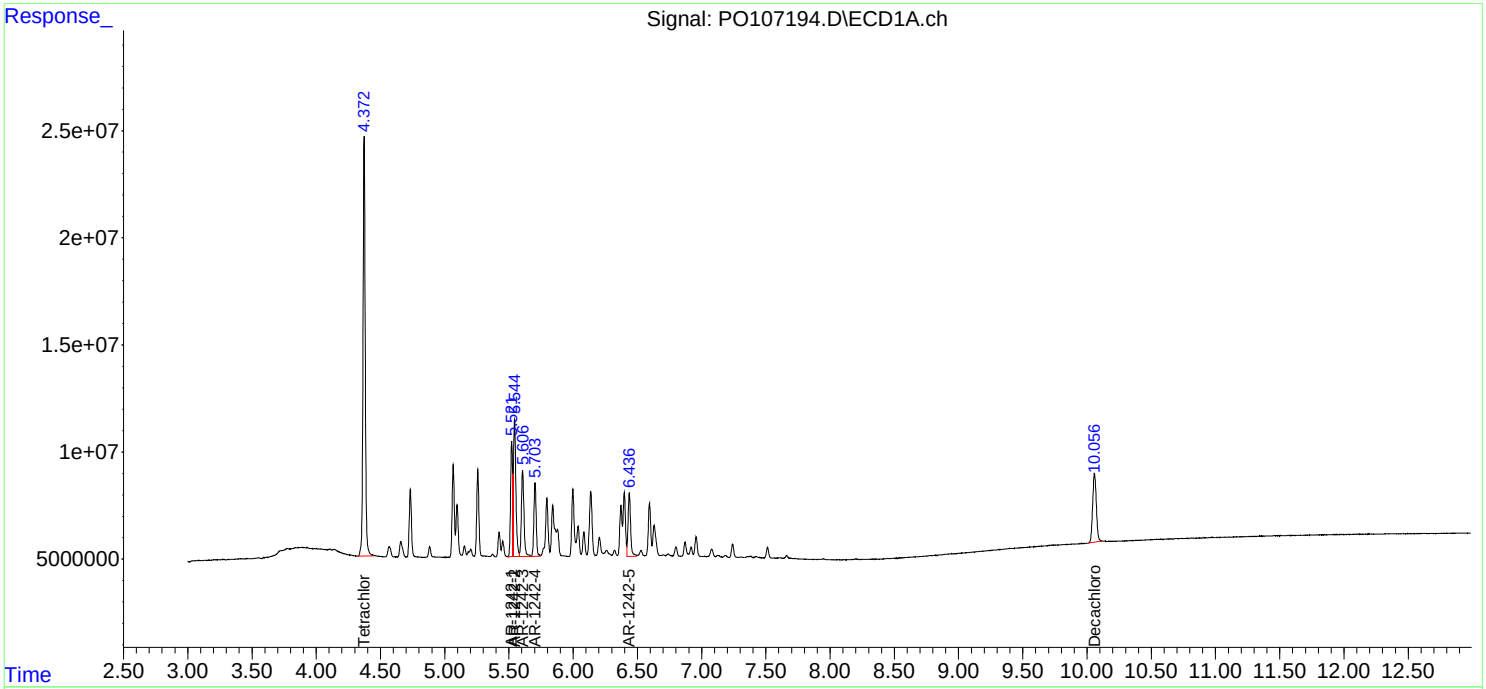
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

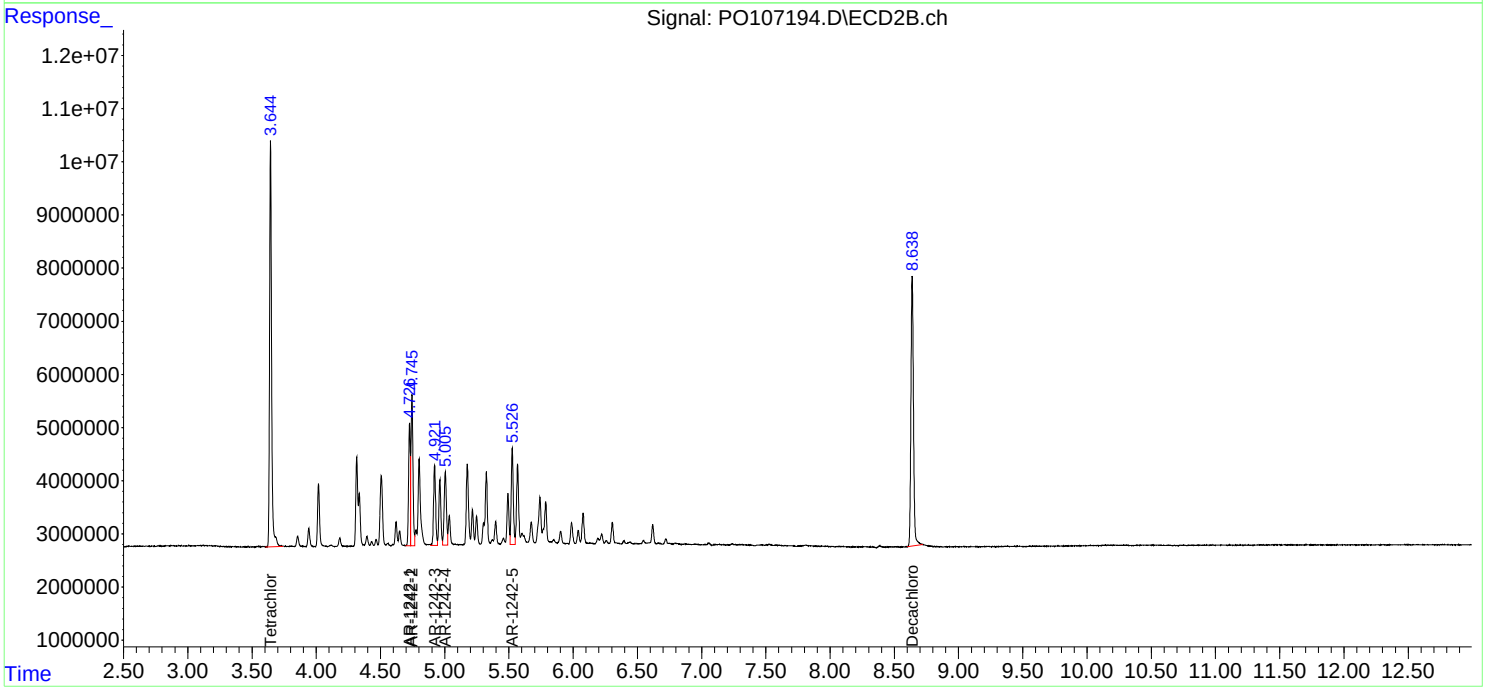
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107194.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 21:28
Operator : YP/AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

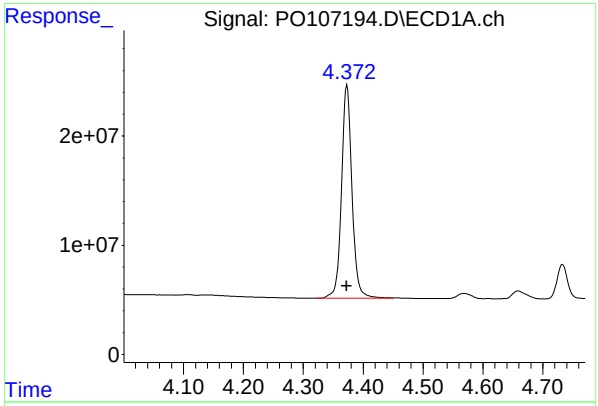
Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 01:50:53 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 01:48:50 2024
Response via : Initial Calibration
Integrator: ChemStation

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



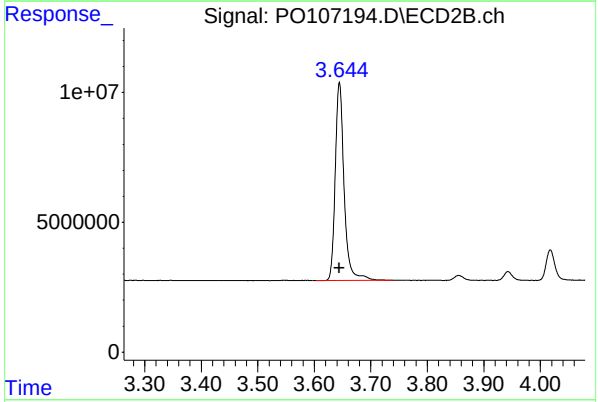




#1 Tetrachloro-m-xylene

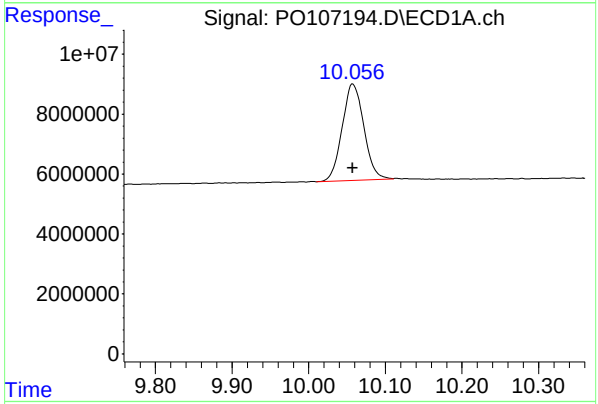
R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 237601886
Conc: 25.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



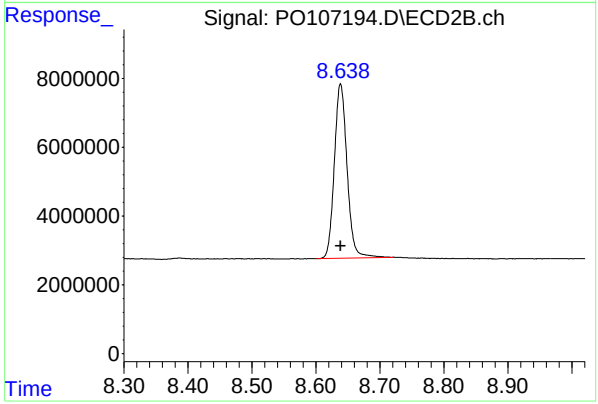
#1 Tetrachloro-m-xylene

R.T.: 3.645 min
Delta R.T.: 0.000 min
Response: 83389360
Conc: 24.96 ng/ml



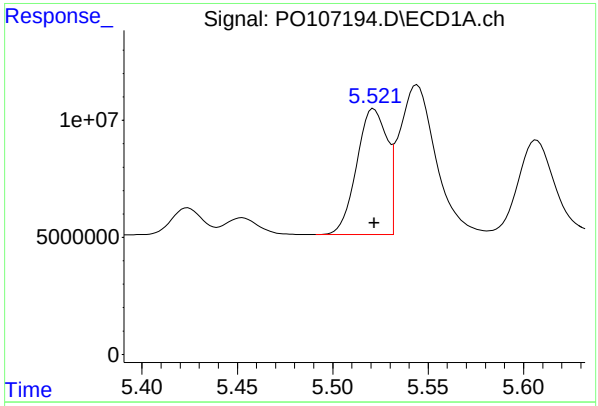
#2 Decachlorobiphenyl

R.T.: 10.057 min
Delta R.T.: 0.000 min
Response: 63795685
Conc: 25.59 ng/ml



#2 Decachlorobiphenyl

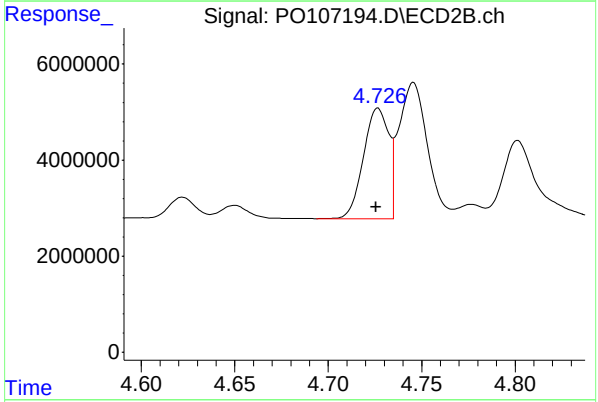
R.T.: 8.639 min
Delta R.T.: 0.000 min
Response: 69963548
Conc: 25.31 ng/ml



#16 AR-1242-1

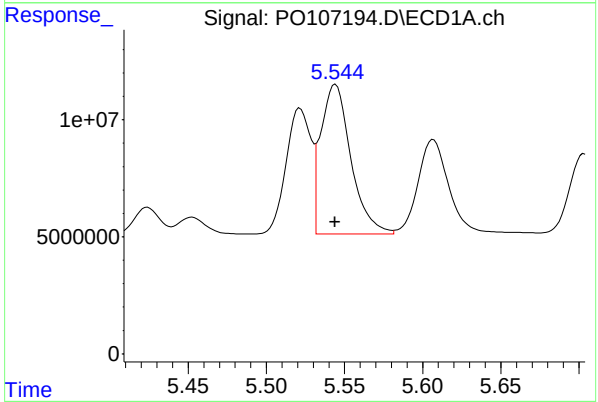
R.T.: 5.522 min
Delta R.T.: 0.000 min
Response: 59739114
Conc: 268.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



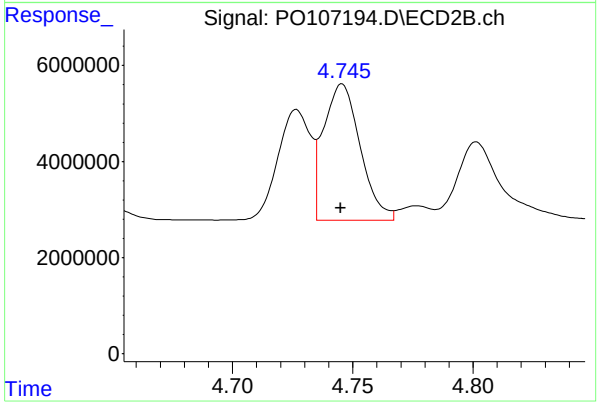
#16 AR-1242-1

R.T.: 4.727 min
Delta R.T.: 0.001 min
Response: 21816724
Conc: 259.92 ng/ml



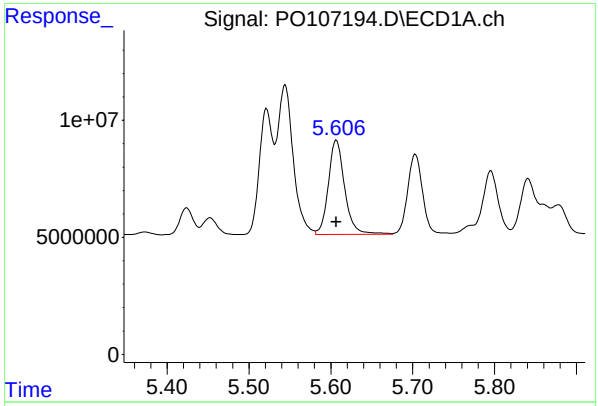
#17 AR-1242-2

R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 85701102
Conc: 264.88 ng/ml



#17 AR-1242-2

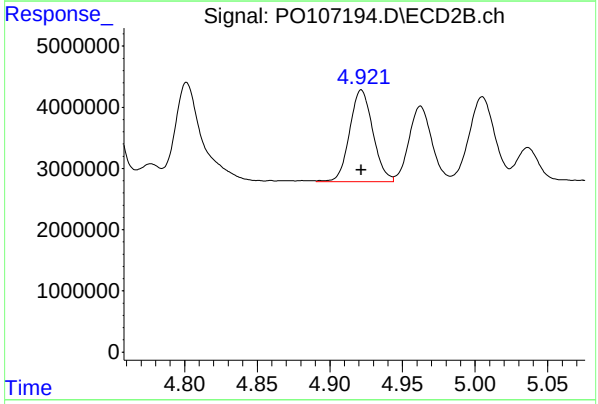
R.T.: 4.746 min
Delta R.T.: 0.000 min
Response: 30166778
Conc: 256.21 ng/ml



#18 AR-1242-3

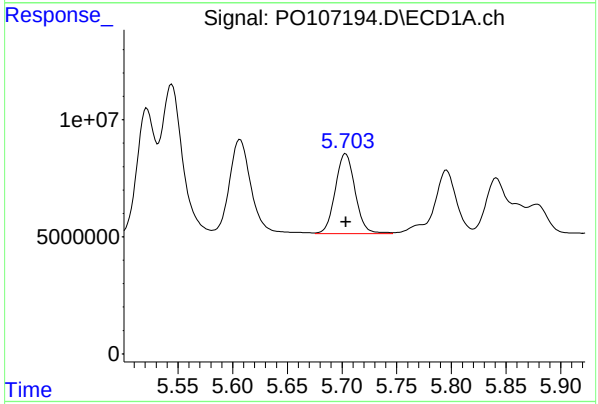
R.T.: 5.607 min
Delta R.T.: 0.000 mi
Response: 56076682
Conc: 267.49 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



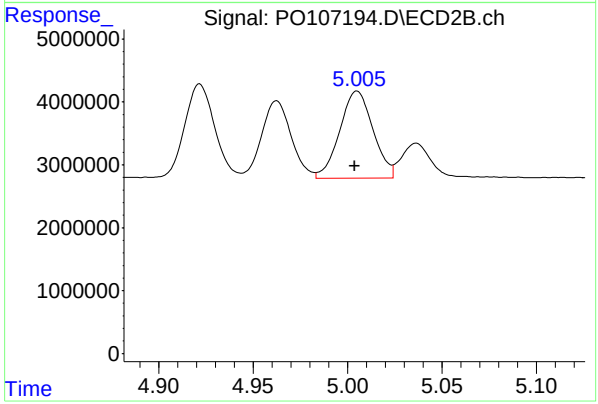
#18 AR-1242-3

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 16716467
Conc: 259.58 ng/ml



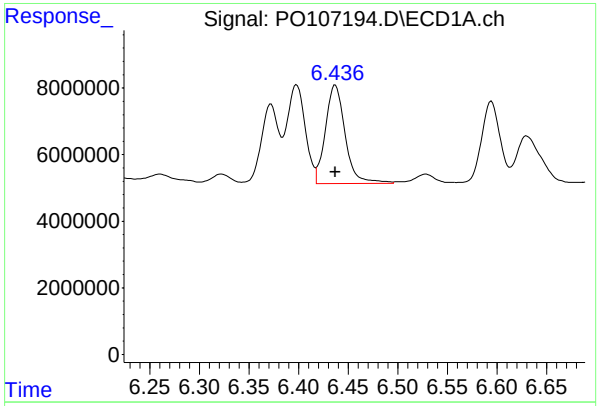
#19 AR-1242-4

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 43283991
Conc: 265.88 ng/ml



#19 AR-1242-4

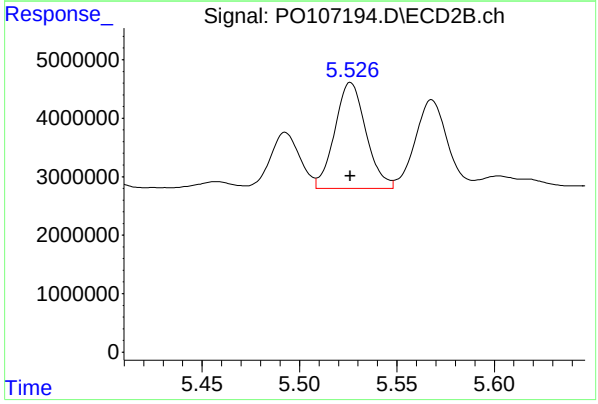
R.T.: 5.005 min
Delta R.T.: 0.001 min
Response: 17011315
Conc: 264.21 ng/ml



#20 AR-1242-5

R.T.: 6.437 min
Delta R.T.: 0.000 min
Response: 41155754
Conc: 267.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



#20 AR-1242-5

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 20184132
Conc: 261.40 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107195.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 21:46
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 01:51:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 01:48:50 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.373	3.644	45874144	14600377	5.015	4.370
2)	SA Decachlor...	10.055	8.638	12132051	13326327	4.867	4.821
	Target Compounds						
16)	L4 AR-1242-1	5.521	4.726	12176144	4333712	54.796	51.630
17)	L4 AR-1242-2	5.544	4.745	17442944	5701582	53.911	48.424
18)	L4 AR-1242-3	5.606	4.921	11292382	3181204	53.866	49.400
19)	L4 AR-1242-4	5.703	5.004	8415437	3329911	51.693	51.719
20)	L4 AR-1242-5	6.437	5.526	8983989	4011331	58.456	51.950

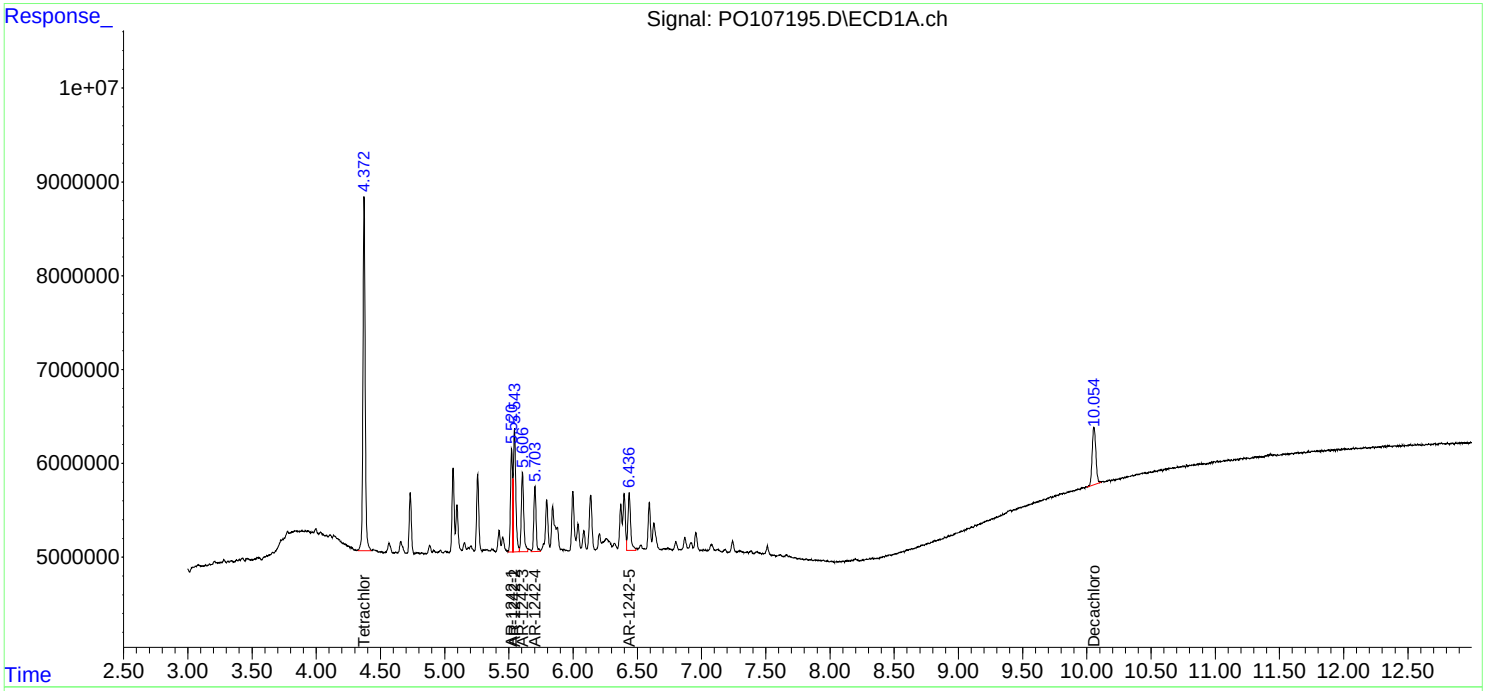
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

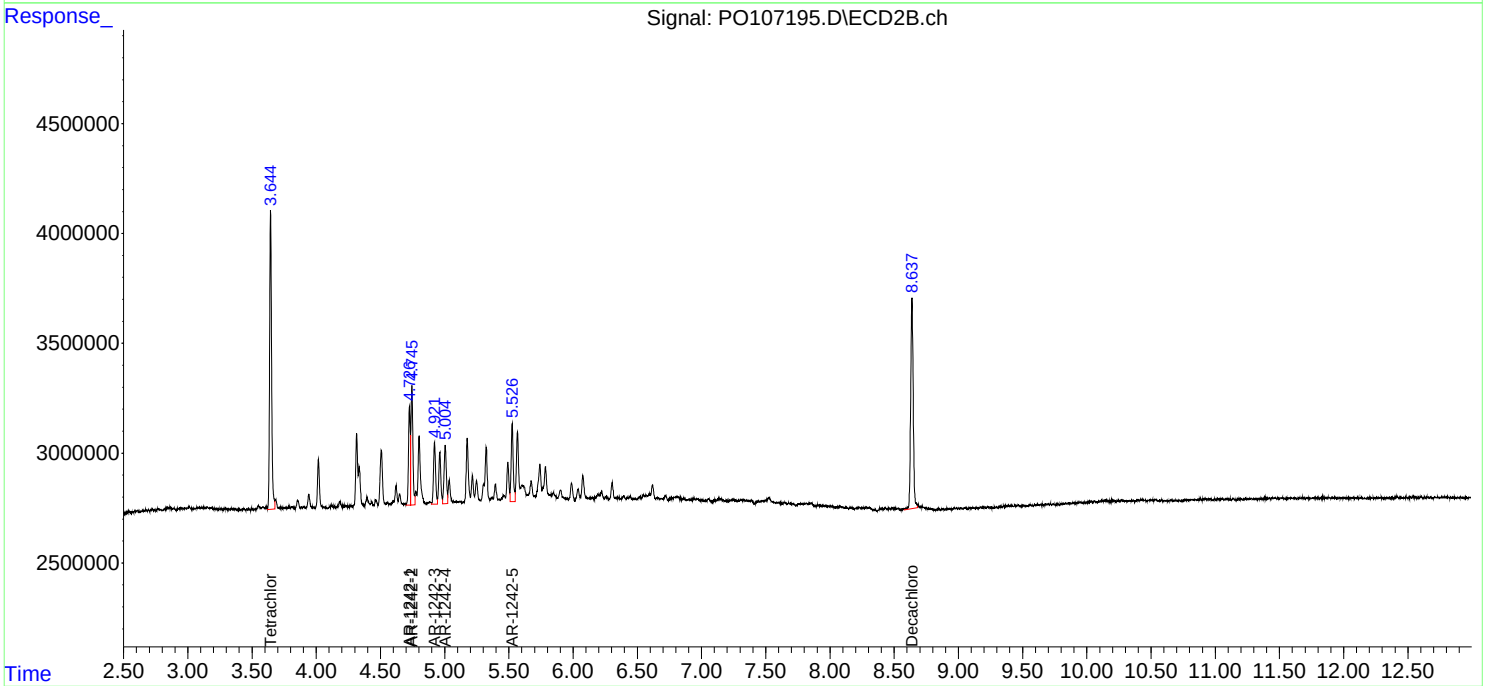
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107195.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 21:46
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

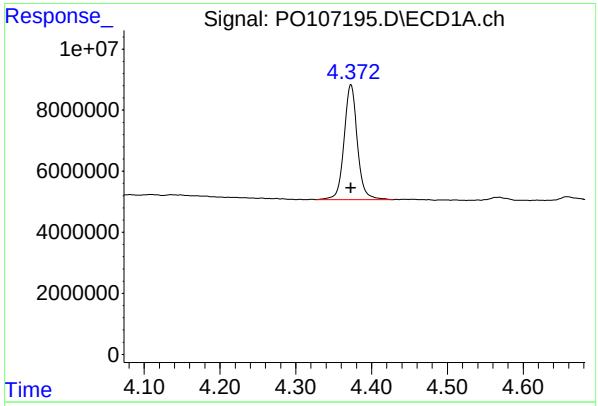
Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 01:51:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 01:48:50 2024
Response via : Initial Calibration
Integrator: ChemStation

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



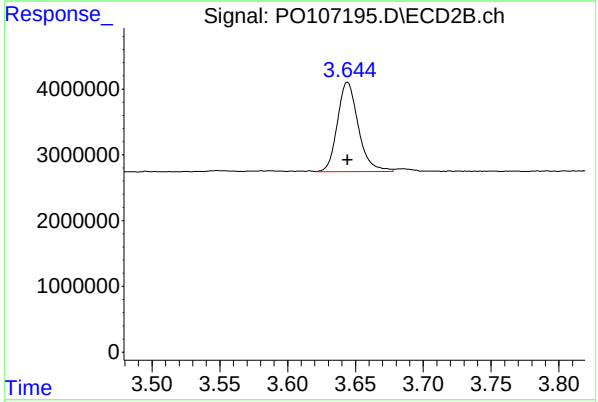




#1 Tetrachloro-m-xylene

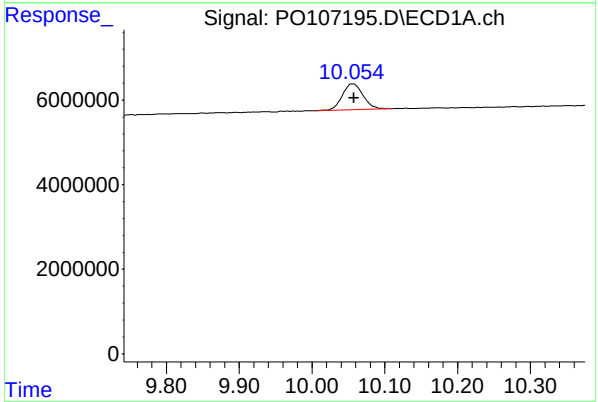
R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 45874144
Conc: 5.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050



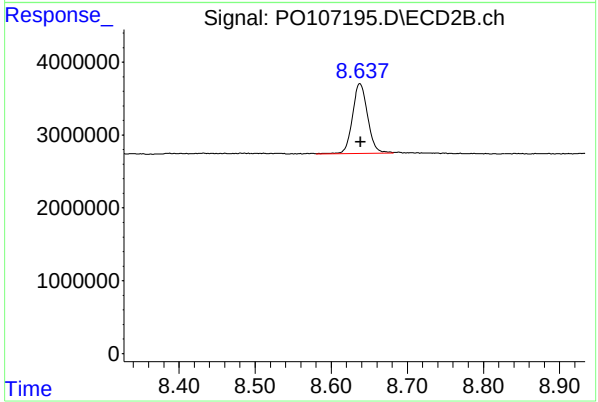
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 14600377
Conc: 4.37 ng/ml



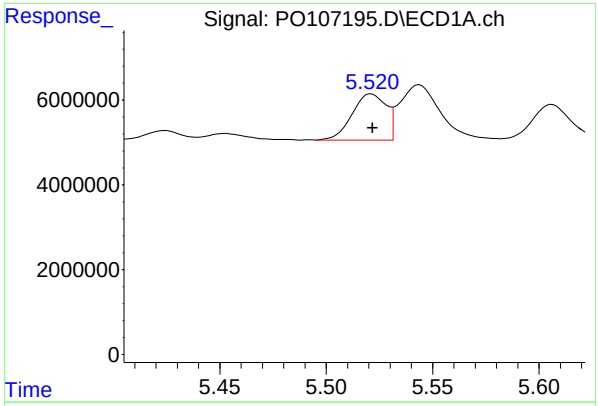
#2 Decachlorobiphenyl

R.T.: 10.055 min
Delta R.T.: -0.002 min
Response: 12132051
Conc: 4.87 ng/ml



#2 Decachlorobiphenyl

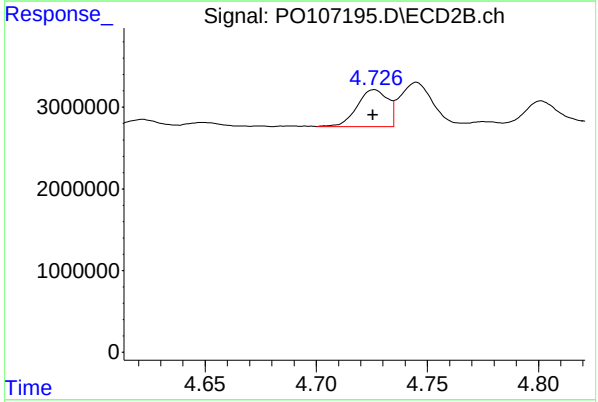
R.T.: 8.638 min
Delta R.T.: 0.000 min
Response: 13326327
Conc: 4.82 ng/ml



#16 AR-1242-1

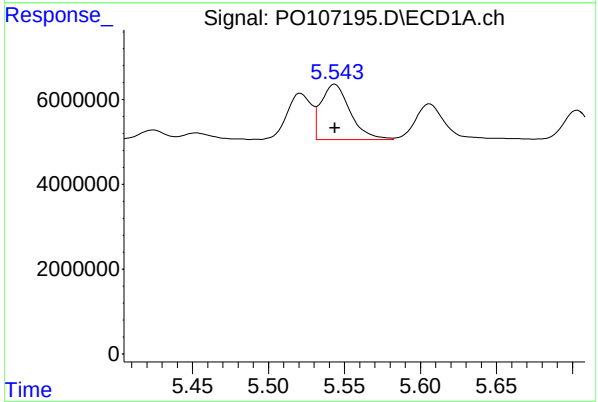
R.T.: 5.521 min
Delta R.T.: 0.000 min
Response: 12176144
Conc: 54.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050



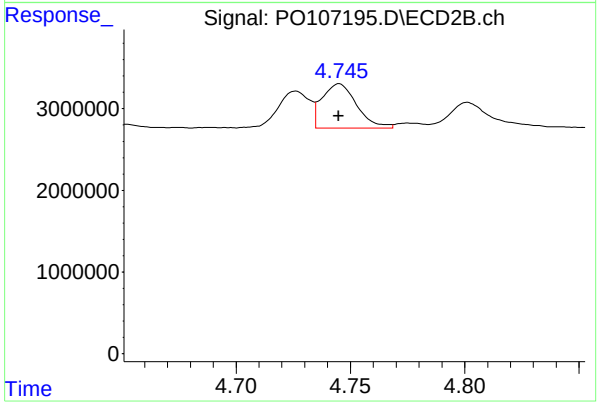
#16 AR-1242-1

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 4333712
Conc: 51.63 ng/ml



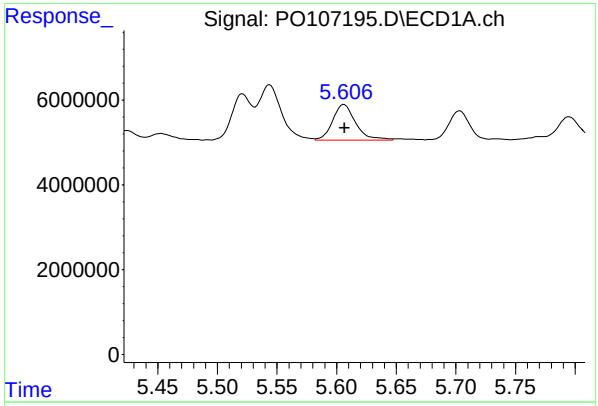
#17 AR-1242-2

R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 17442944
Conc: 53.91 ng/ml



#17 AR-1242-2

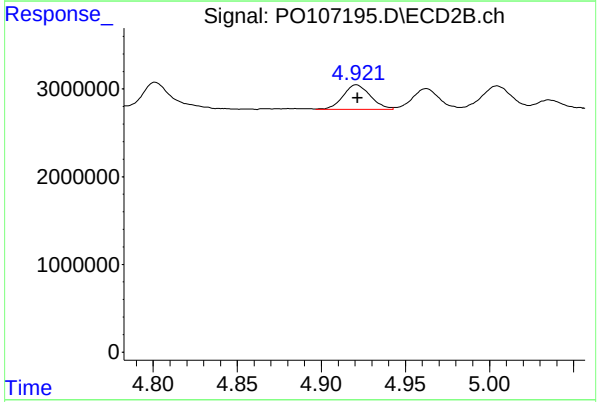
R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 5701582
Conc: 48.42 ng/ml



#18 AR-1242-3

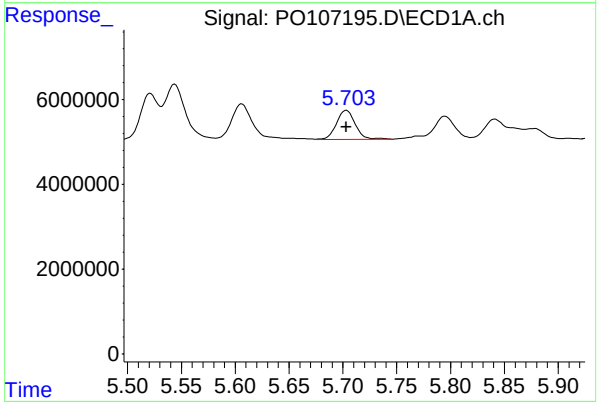
R.T.: 5.606 min
Delta R.T.: 0.000 min
Response: 11292382
Conc: 53.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050



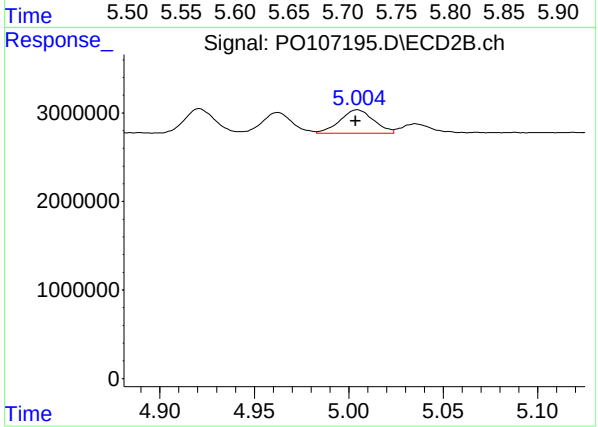
#18 AR-1242-3

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 3181204
Conc: 49.40 ng/ml



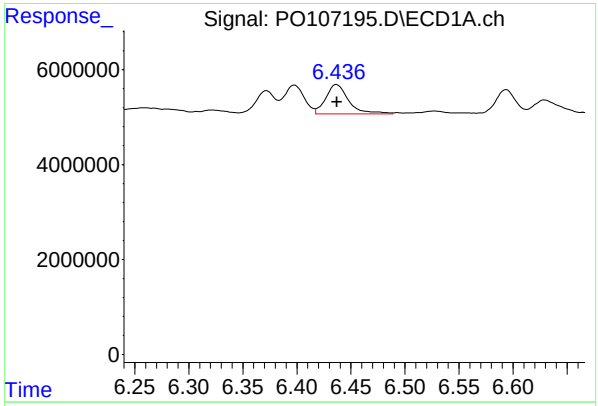
#19 AR-1242-4

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 8415437
Conc: 51.69 ng/ml



#19 AR-1242-4

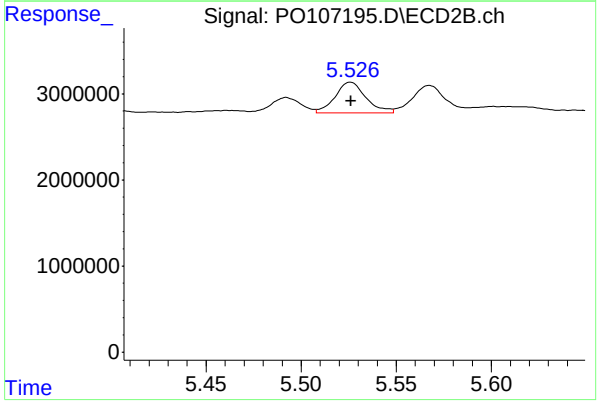
R.T.: 5.004 min
Delta R.T.: 0.000 min
Response: 3329911
Conc: 51.72 ng/ml



#20 AR-1242-5

R.T.: 6.437 min
Delta R.T.: 0.000 min
Response: 8983989
Conc: 58.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050



#20 AR-1242-5

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 4011331
Conc: 51.95 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107196.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 22:04
Operator : YP/AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 02:08:46 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 02:08:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.372	3.644	871.9E6	327.8E6	93.167	95.697
2)	SA Decachlor...	10.057	8.638	234.0E6	266.9E6	93.438	95.612
	Target Compounds						
21)	L5 AR-1248-1	5.521	4.726	155.9E6	60218805	889.958	928.169
22)	L5 AR-1248-2	5.795	4.962	222.8E6	85173308	878.597	915.232
23)	L5 AR-1248-3	5.997	5.004	231.9E6	89257070	892.951	916.605
24)	L5 AR-1248-4	6.398	5.176	237.2E6	105.9E6	910.480	923.092
25)	L5 AR-1248-5	6.437	5.567	236.3E6	102.8E6	906.188	936.492

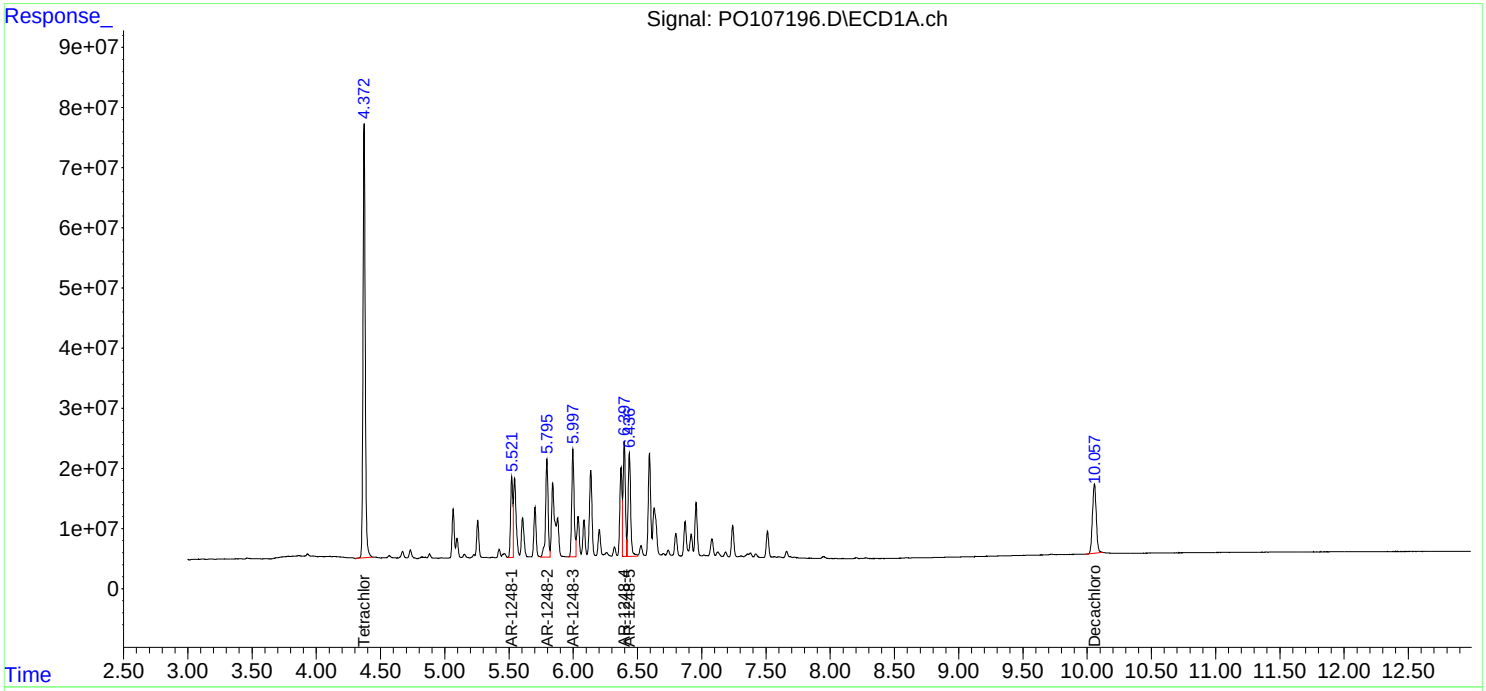
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

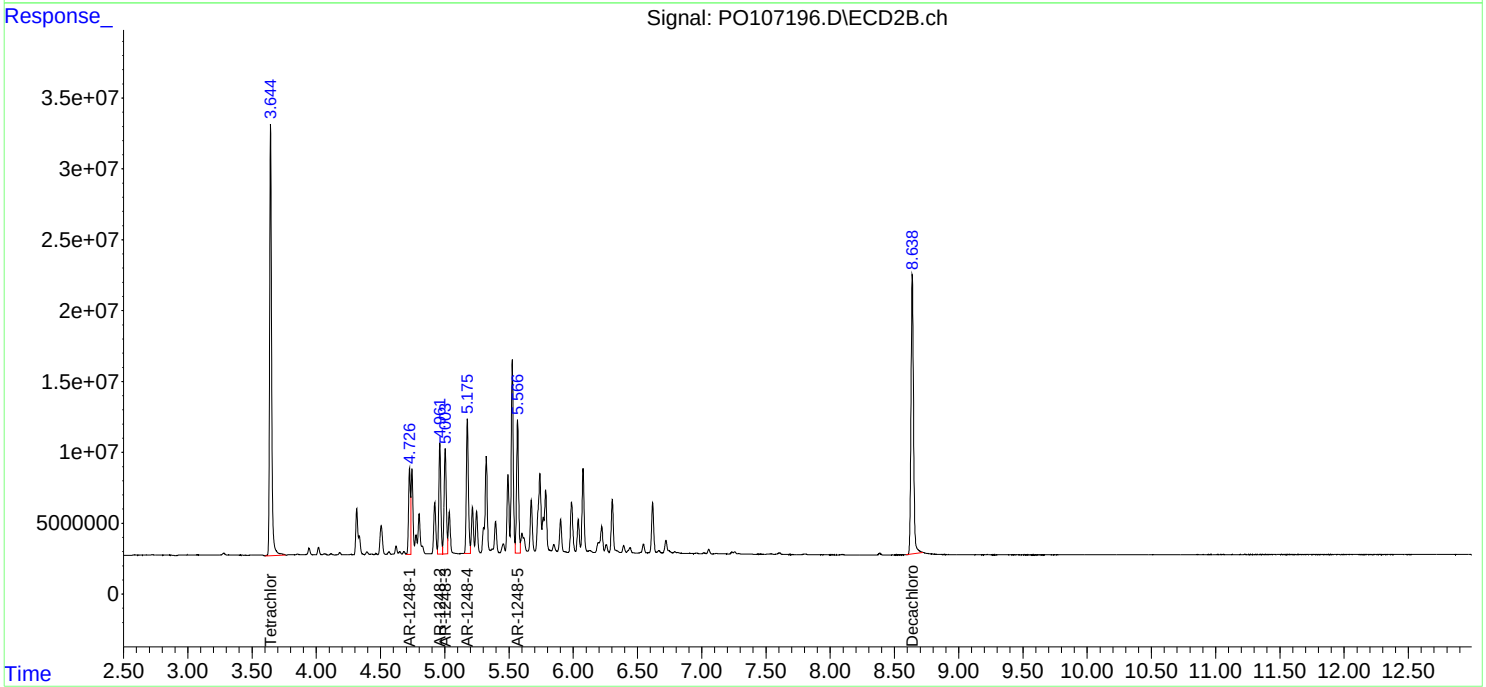
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107196.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 22:04
Operator : YP/AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

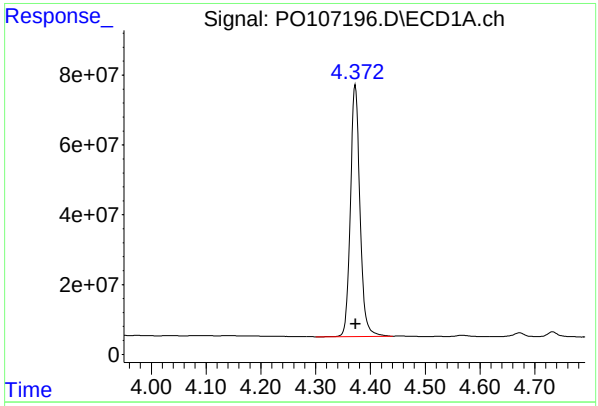
Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 02:08:46 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 02:08:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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



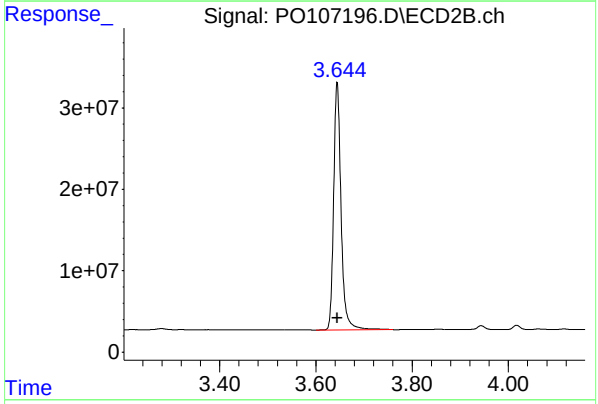




#1 Tetrachloro-m-xylene

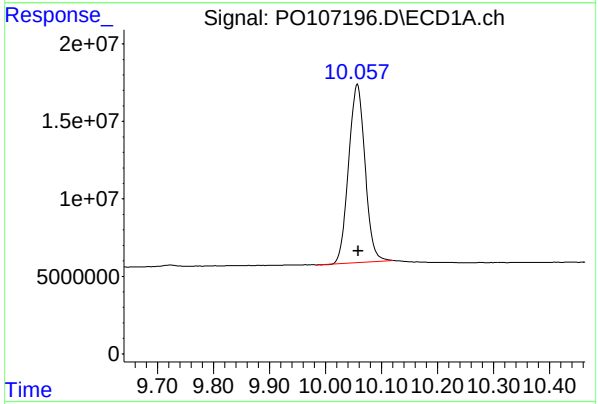
R.T.: 4.372 min
Delta R.T.: 0.000 min
Response: 871940361
Conc: 93.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



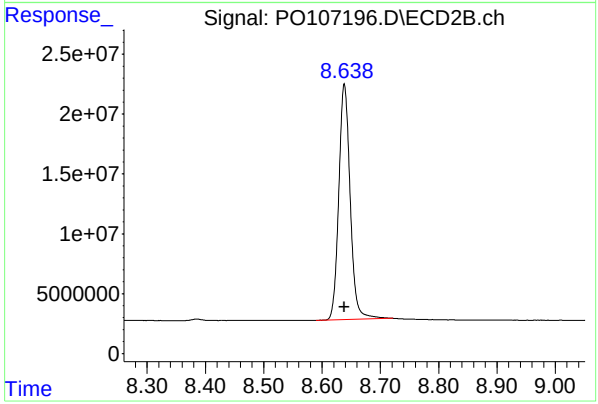
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 327841760
Conc: 95.70 ng/ml



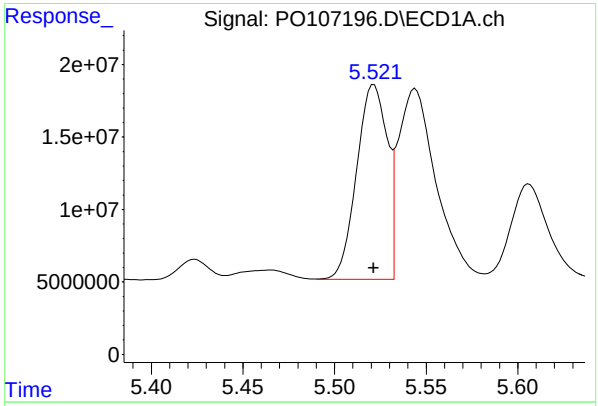
#2 Decachlorobiphenyl

R.T.: 10.057 min
Delta R.T.: -0.001 min
Response: 233978058
Conc: 93.44 ng/ml



#2 Decachlorobiphenyl

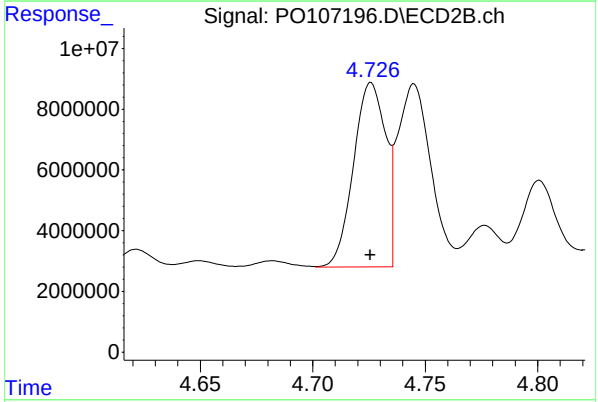
R.T.: 8.638 min
Delta R.T.: 0.000 min
Response: 266936581
Conc: 95.61 ng/ml



#21 AR-1248-1

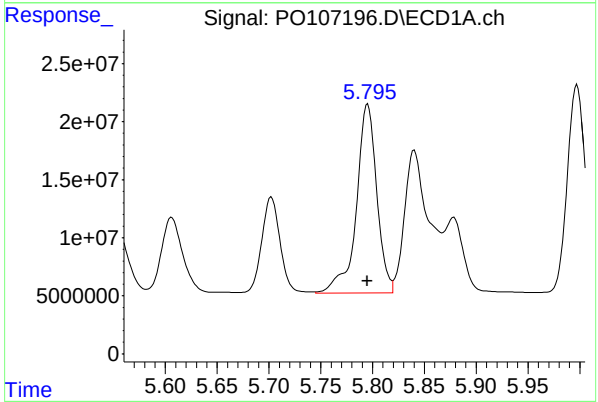
R.T.: 5.521 min
Delta R.T.: 0.000 min
Response: 155913014
Conc: 889.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



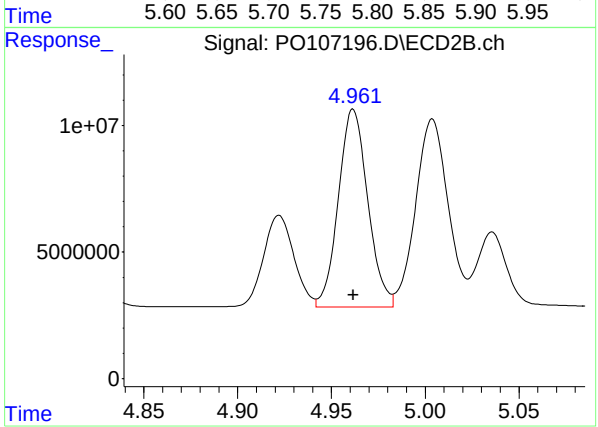
#21 AR-1248-1

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 60218805
Conc: 928.17 ng/ml



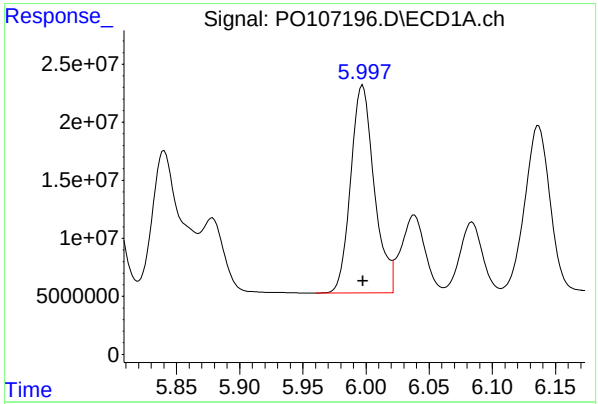
#22 AR-1248-2

R.T.: 5.795 min
Delta R.T.: 0.000 min
Response: 222845576
Conc: 878.60 ng/ml



#22 AR-1248-2

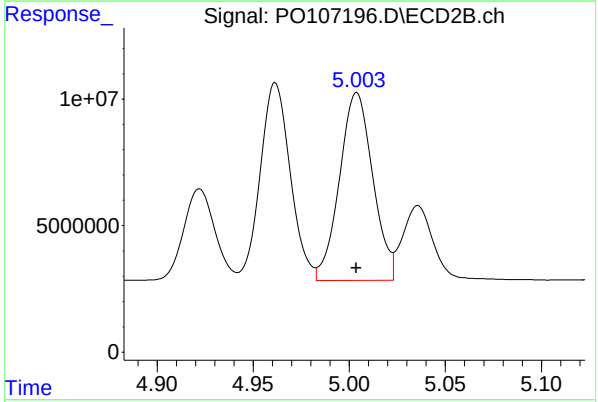
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 85173308
Conc: 915.23 ng/ml



#23 AR-1248-3

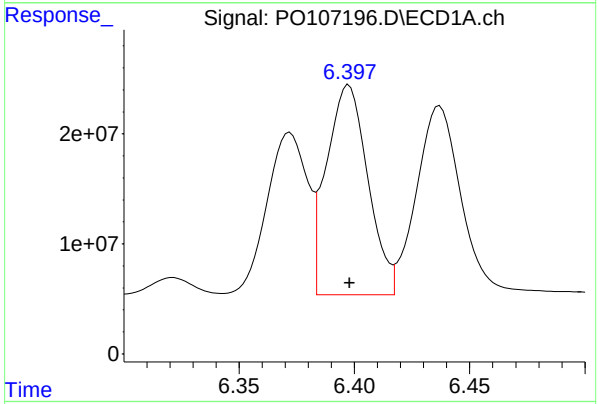
R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 231904923
Conc: 892.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



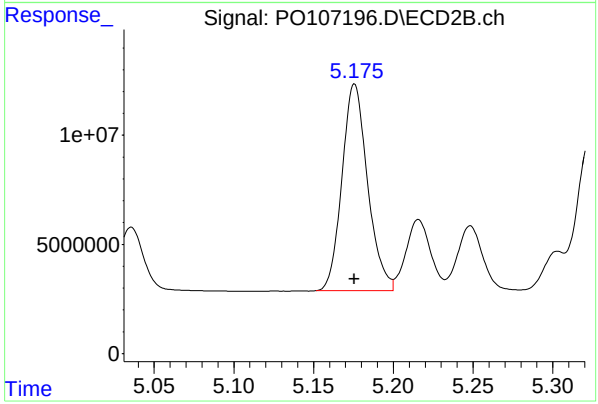
#23 AR-1248-3

R.T.: 5.004 min
Delta R.T.: 0.000 min
Response: 89257070
Conc: 916.61 ng/ml



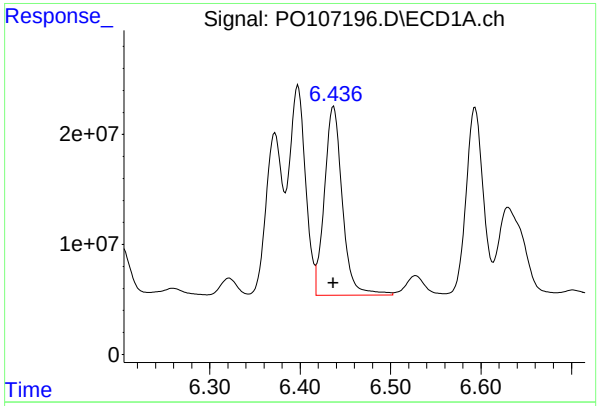
#24 AR-1248-4

R.T.: 6.398 min
Delta R.T.: 0.000 min
Response: 237210289
Conc: 910.48 ng/ml



#24 AR-1248-4

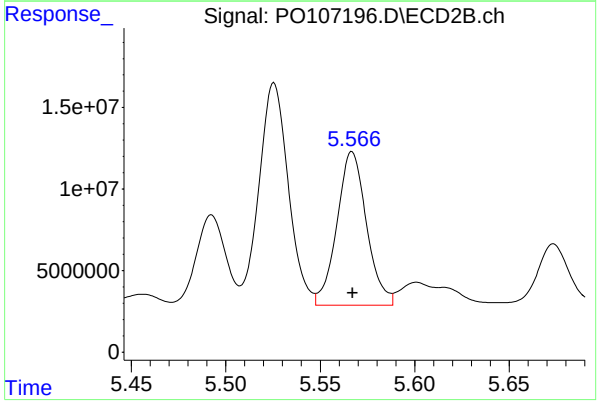
R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 105934439
Conc: 923.09 ng/ml



#25 AR-1248-5

R.T.: 6.437 min
Delta R.T.: 0.000 min
Response: 236273499
Conc: 906.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



#25 AR-1248-5

R.T.: 5.567 min
Delta R.T.: 0.000 min
Response: 102828085
Conc: 936.49 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107197.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 22:22
Operator : YP/AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 02:09:08 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 02:08:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.373	3.644	684.0E6	254.2E6	73.085	74.199
2)	SA Decachlor...	10.056	8.638	177.9E6	201.2E6	71.030	72.062
	Target Compounds						
21)	L5 AR-1248-1	5.521	4.726	123.6E6	47278639	705.517	728.719
22)	L5 AR-1248-2	5.795	4.962	178.7E6	66831271	704.358	718.137
23)	L5 AR-1248-3	5.997	5.004	184.7E6	69919958	711.094	718.027
24)	L5 AR-1248-4	6.398	5.176	185.0E6	82899838	709.988	722.373
25)	L5 AR-1248-5	6.437	5.568	184.9E6	79019739	709.319	719.661

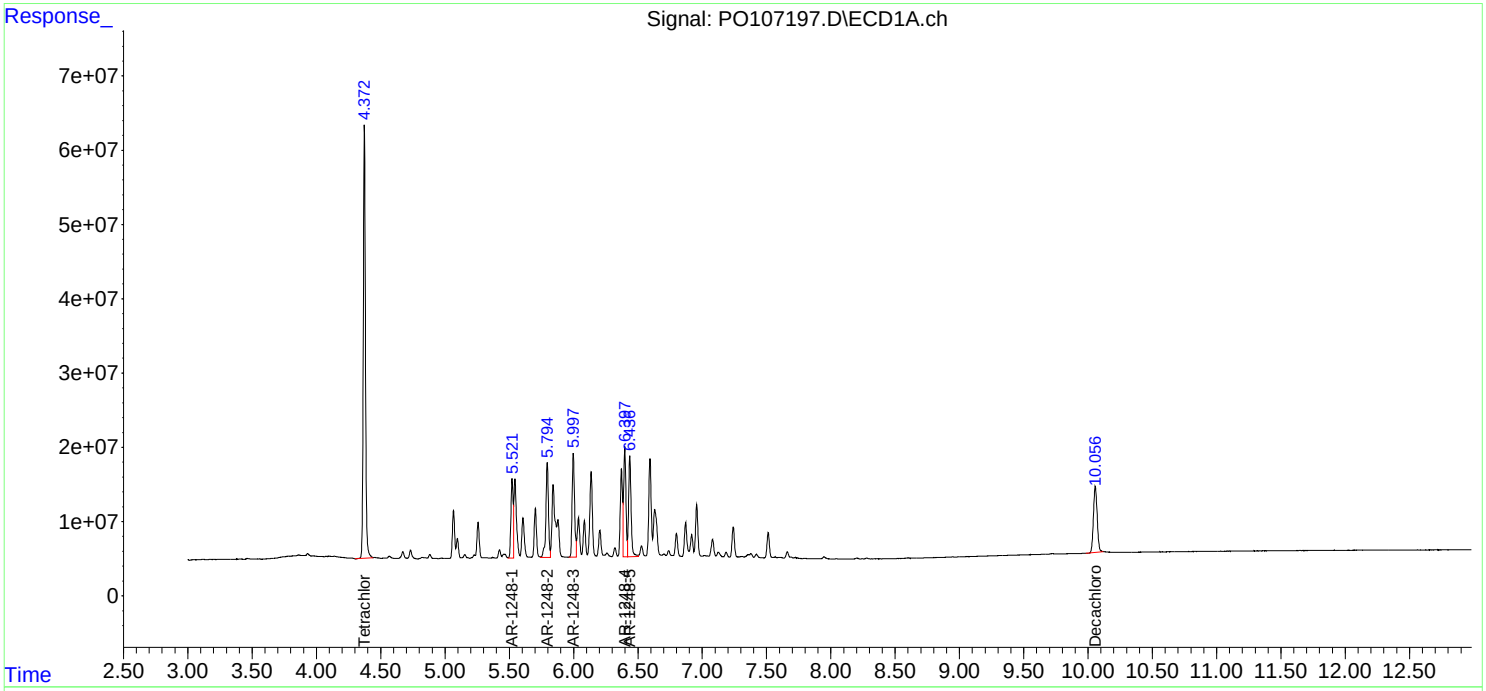
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

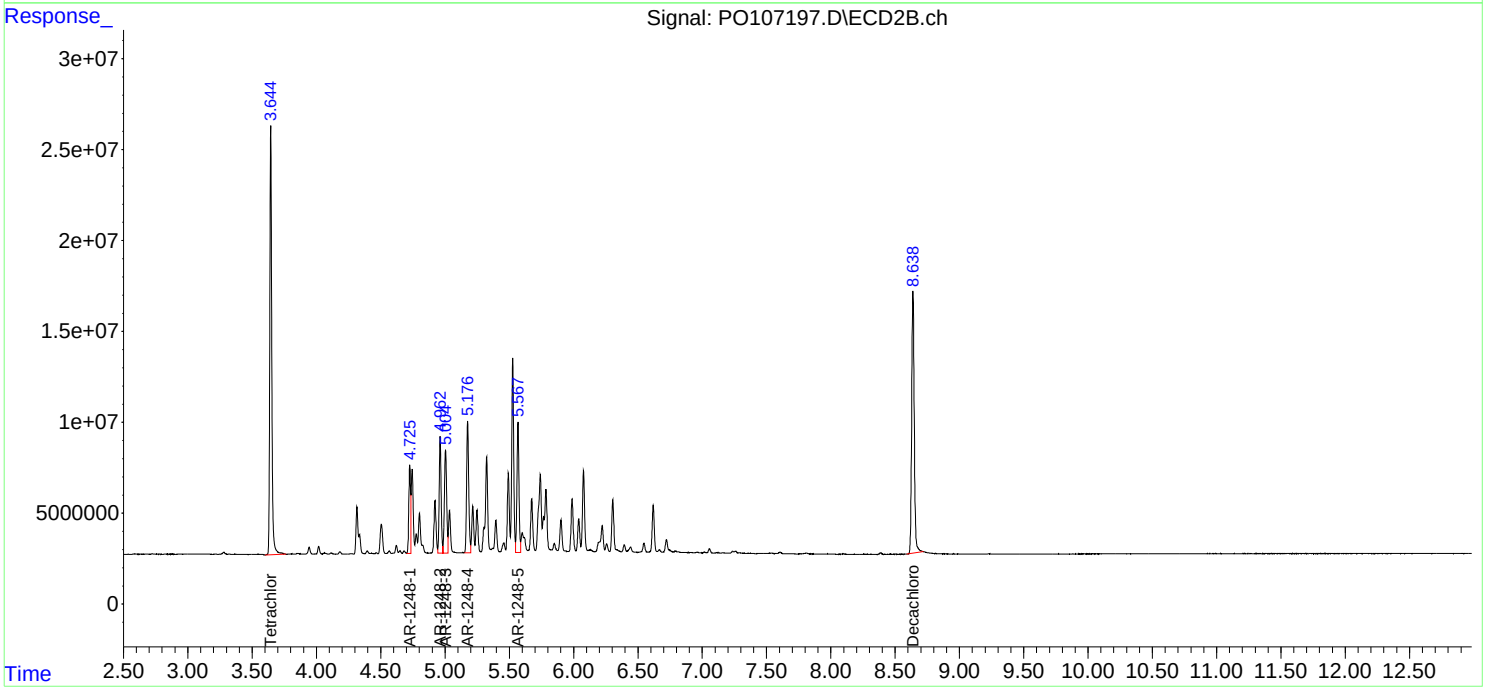
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107197.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 22:22
Operator : YP/AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

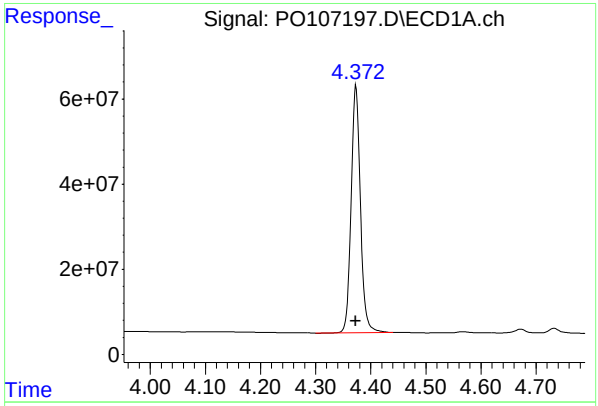
Instrument :
ECD_O
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 02:09:08 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 02:08:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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



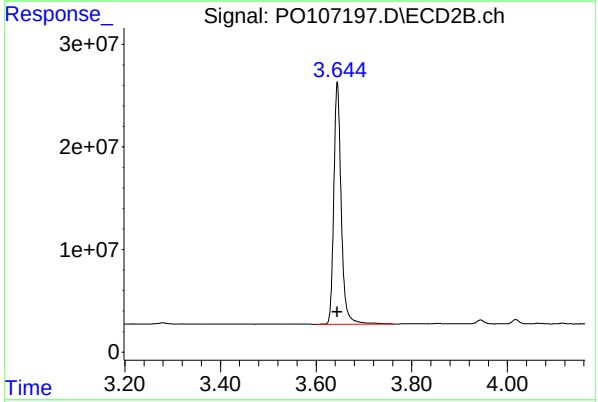




#1 Tetrachloro-m-xylene

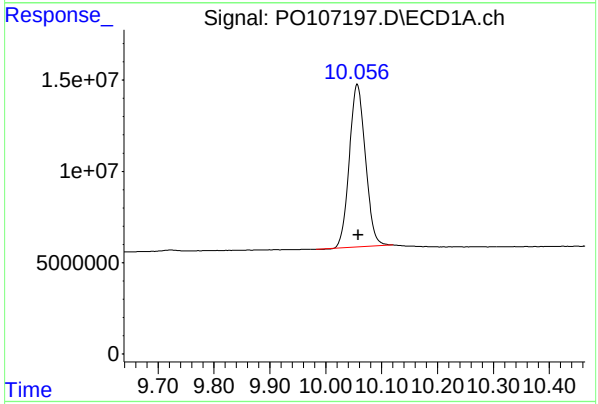
R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 683999452
Conc: 73.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



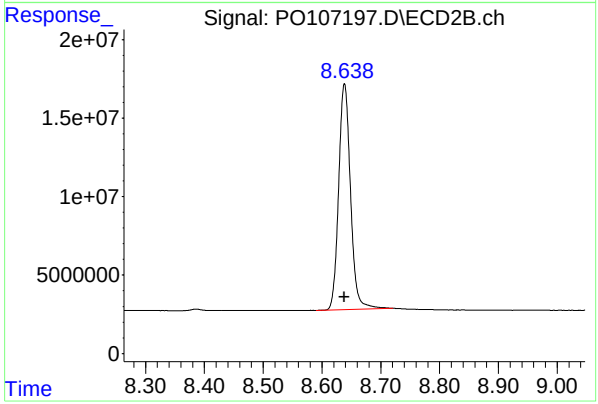
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 254192958
Conc: 74.20 ng/ml



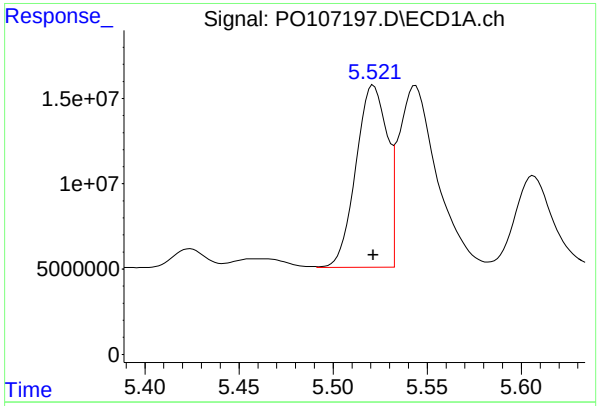
#2 Decachlorobiphenyl

R.T.: 10.056 min
Delta R.T.: -0.002 min
Response: 177864976
Conc: 71.03 ng/ml



#2 Decachlorobiphenyl

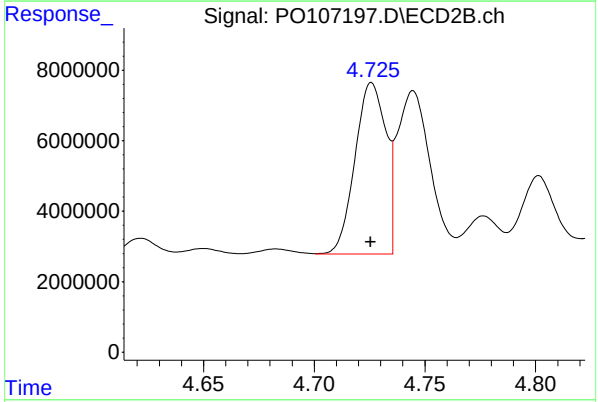
R.T.: 8.638 min
Delta R.T.: 0.000 min
Response: 201187288
Conc: 72.06 ng/ml



#21 AR-1248-1

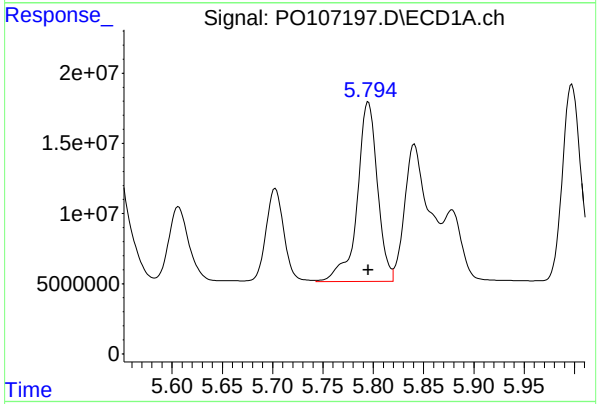
R.T.: 5.521 min
Delta R.T.: 0.000 min
Response: 123600501
Conc: 705.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



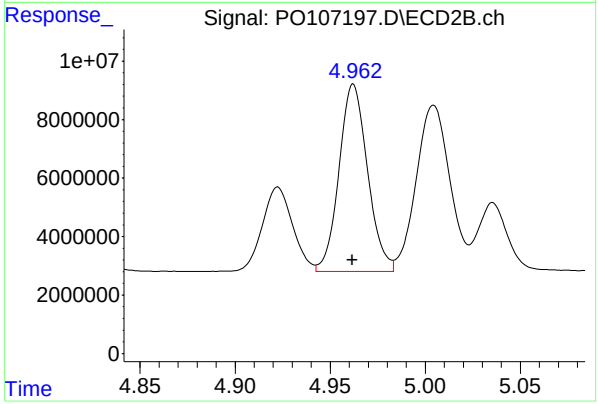
#21 AR-1248-1

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 47278639
Conc: 728.72 ng/ml



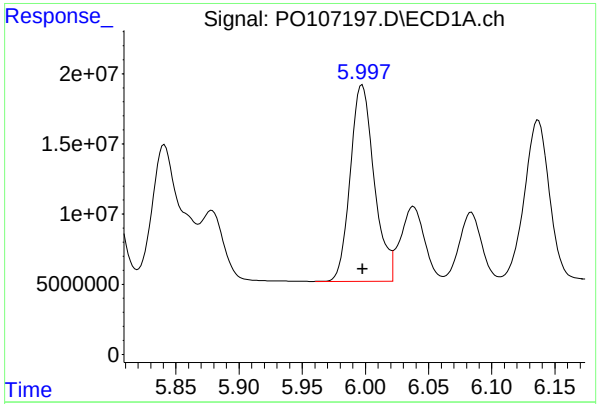
#22 AR-1248-2

R.T.: 5.795 min
Delta R.T.: 0.000 min
Response: 178651866
Conc: 704.36 ng/ml



#22 AR-1248-2

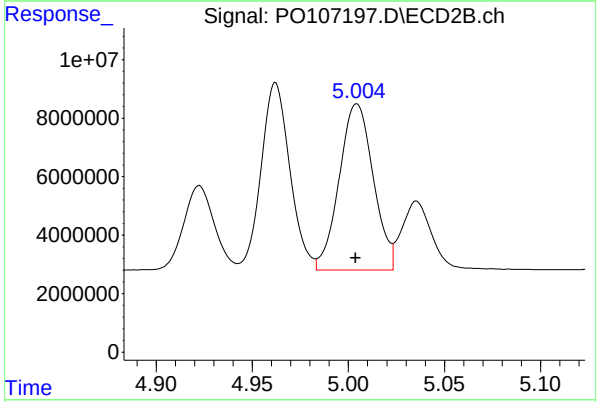
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 66831271
Conc: 718.14 ng/ml



#23 AR-1248-3

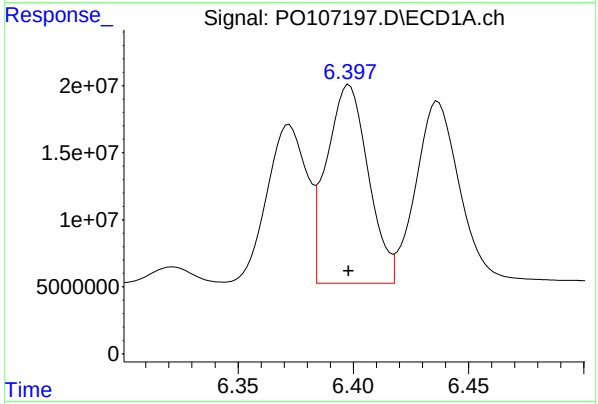
R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 184675314
Conc: 711.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



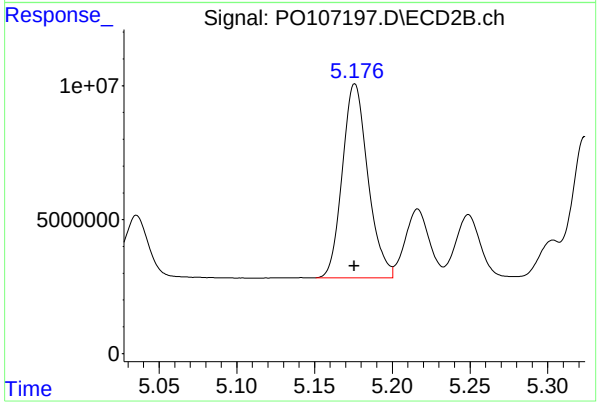
#23 AR-1248-3

R.T.: 5.004 min
Delta R.T.: 0.000 min
Response: 69919958
Conc: 718.03 ng/ml



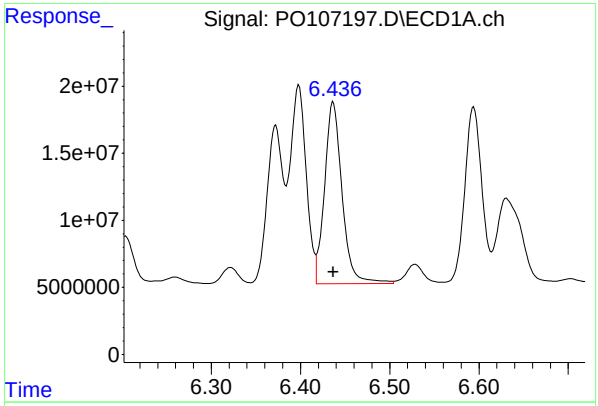
#24 AR-1248-4

R.T.: 6.398 min
Delta R.T.: 0.000 min
Response: 184975399
Conc: 709.99 ng/ml



#24 AR-1248-4

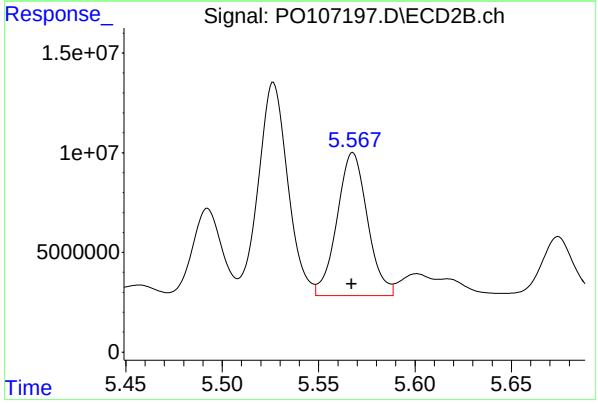
R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 82899838
Conc: 722.37 ng/ml



#25 AR-1248-5

R.T.: 6.437 min
Delta R.T.: 0.000 min
Response: 184943304
Conc: 709.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



#25 AR-1248-5

R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 79019739
Conc: 719.66 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107198.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 22:41
Operator : YP/AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 02:09:32 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 02:08:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.373	3.644	467.9E6	171.3E6	50.000	50.000
2)	SA Decachlor...	10.058	8.638	125.2E6	139.6E6	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	5.521	4.726	87595666	32439560	500.000	500.000
22)	L5 AR-1248-2	5.795	4.962	126.8E6	46530975	500.000	500.000
23)	L5 AR-1248-3	5.998	5.004	129.9E6	48688939	500.000	500.000
24)	L5 AR-1248-4	6.398	5.176	130.3E6	57380206	500.000	500.000
25)	L5 AR-1248-5	6.437	5.567	130.4E6	54900690	500.000	500.000

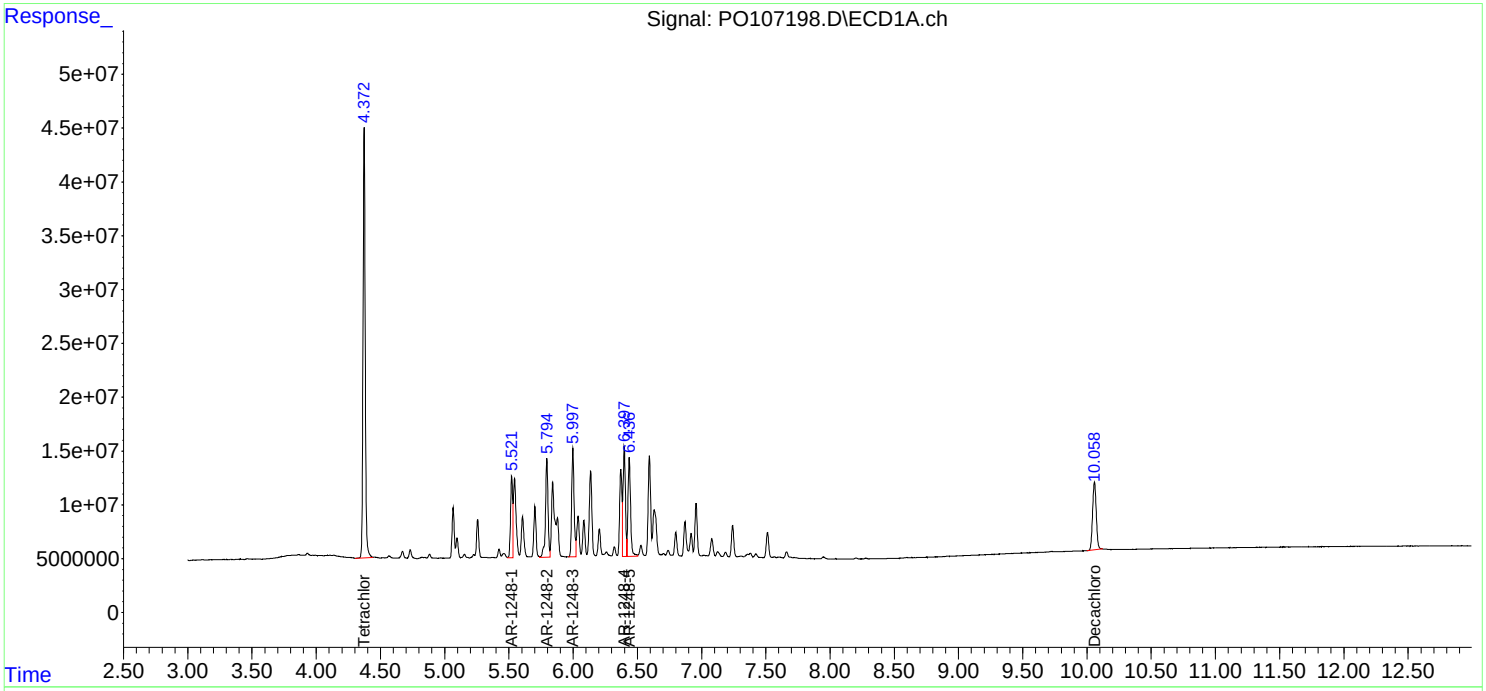
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

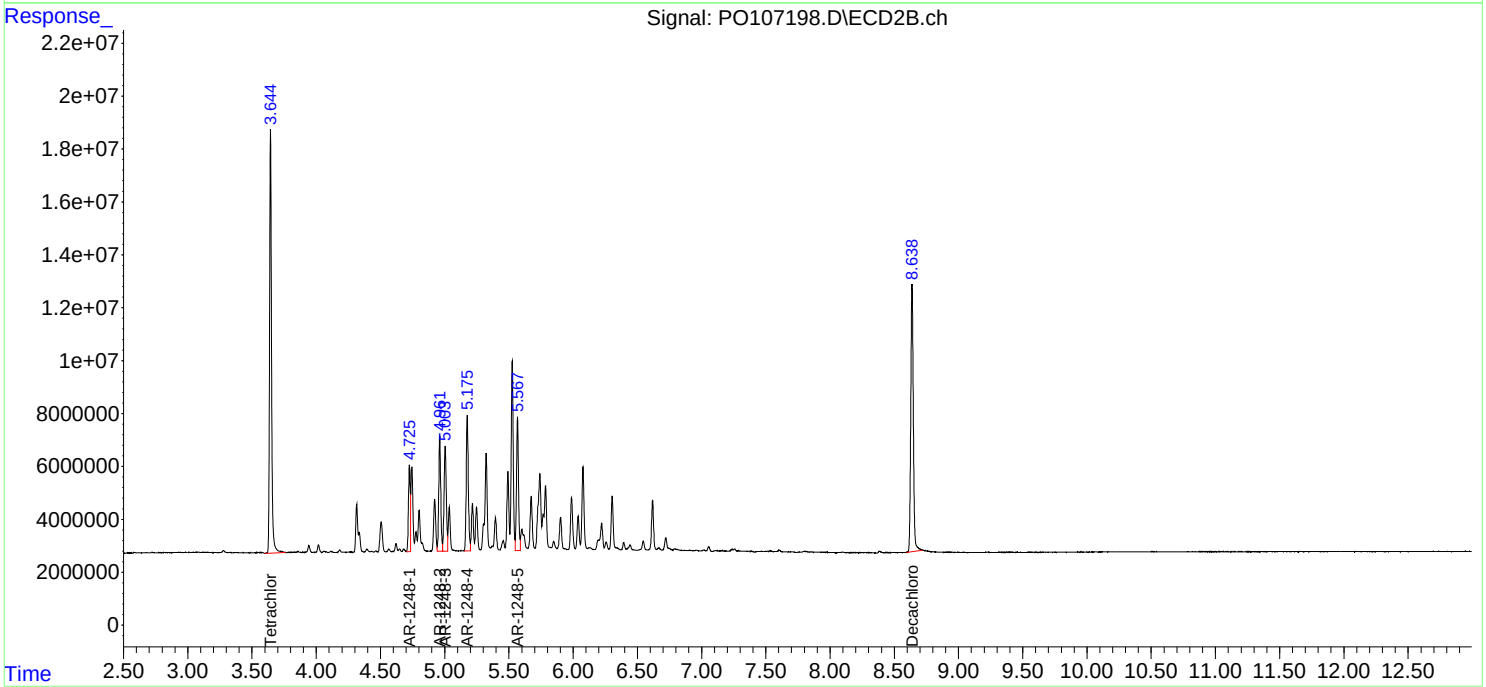
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107198.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 22:41
Operator : YP/AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

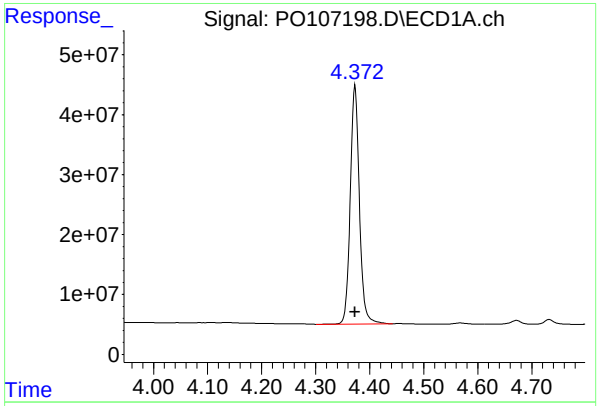
Instrument :
ECD_O
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 02:09:32 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 02:08:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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



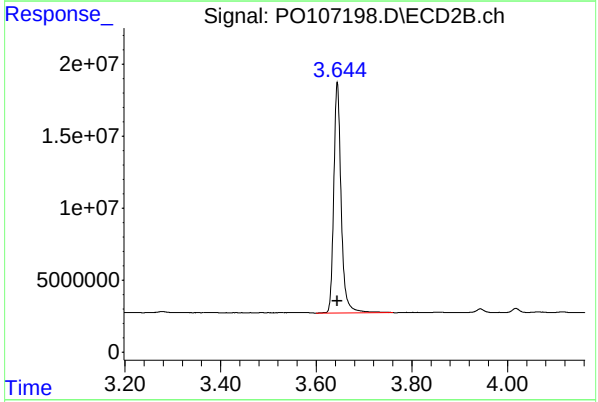




#1 Tetrachloro-m-xylene

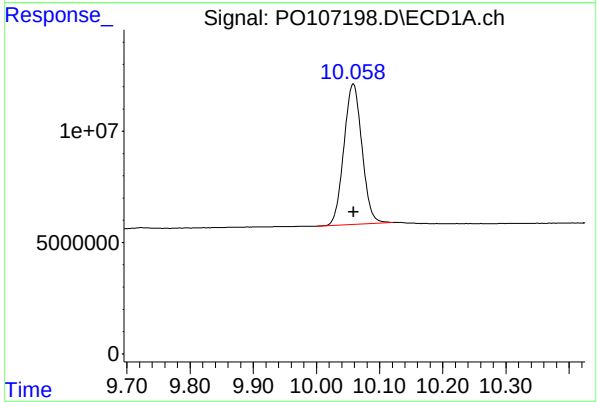
R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 467945209
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



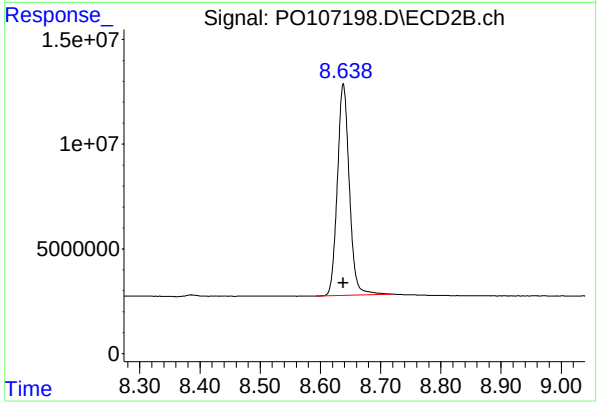
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 171291824
Conc: 50.00 ng/ml



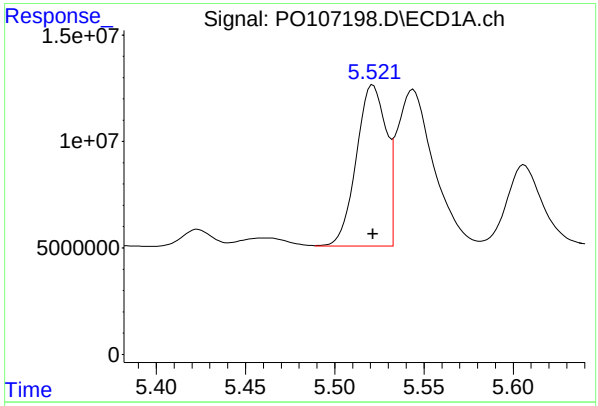
#2 Decachlorobiphenyl

R.T.: 10.058 min
Delta R.T.: 0.000 min
Response: 125204484
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

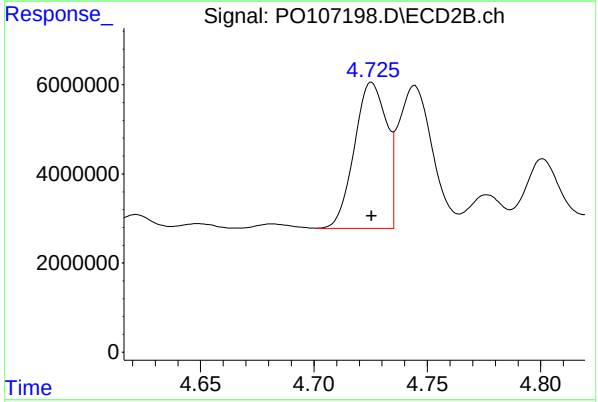
R.T.: 8.638 min
Delta R.T.: 0.000 min
Response: 139593685
Conc: 50.00 ng/ml



#21 AR-1248-1

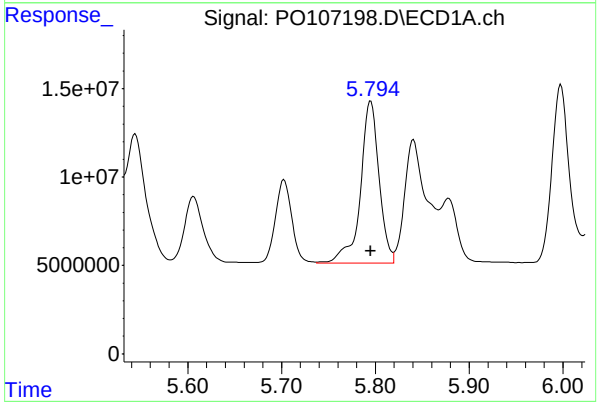
R.T.: 5.521 min
Delta R.T.: 0.000 min
Response: 87595666
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



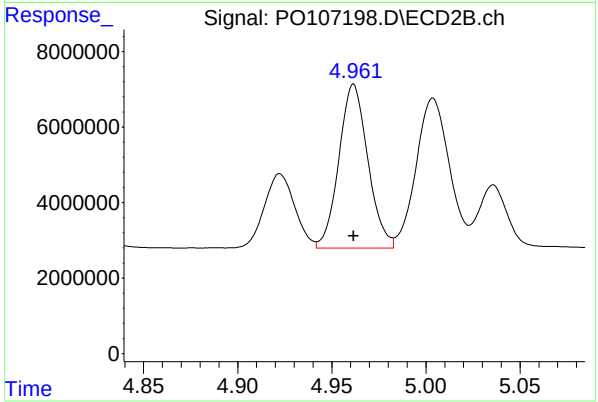
#21 AR-1248-1

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 32439560
Conc: 500.00 ng/ml



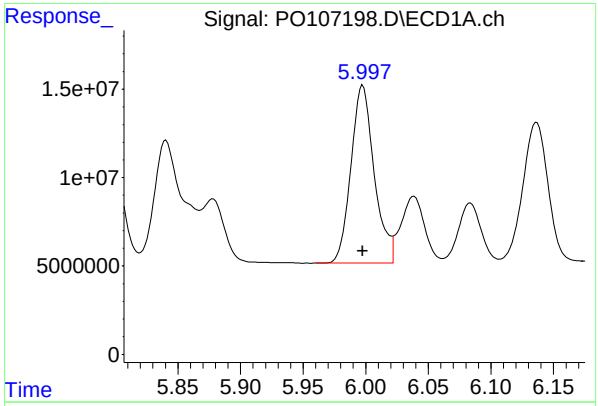
#22 AR-1248-2

R.T.: 5.795 min
Delta R.T.: 0.000 min
Response: 126818984
Conc: 500.00 ng/ml



#22 AR-1248-2

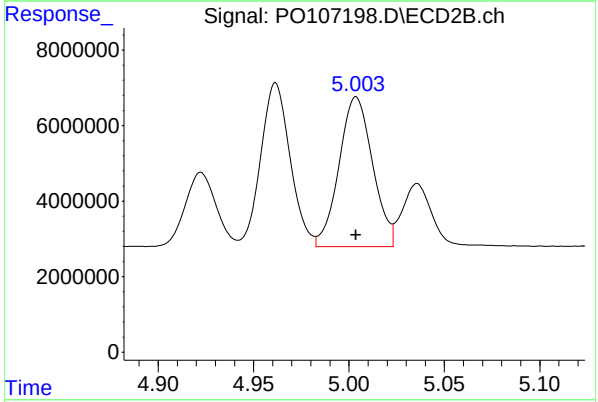
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 46530975
Conc: 500.00 ng/ml



#23 AR-1248-3

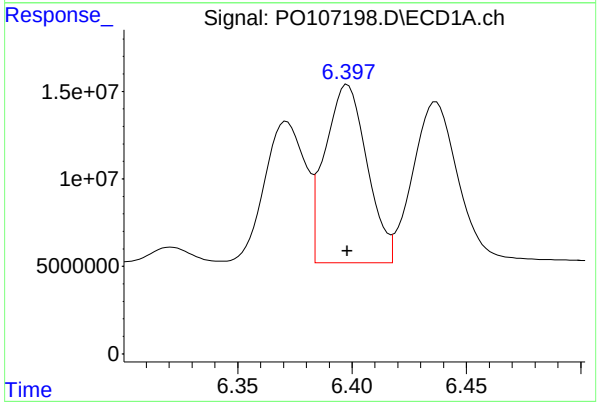
R.T.: 5.998 min
Delta R.T.: 0.000 min
Response: 129853046
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



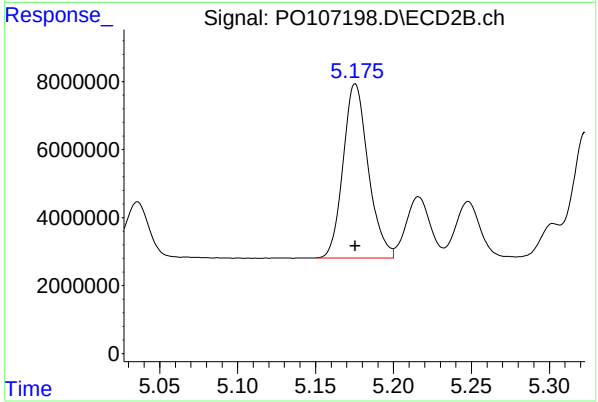
#23 AR-1248-3

R.T.: 5.004 min
Delta R.T.: 0.000 min
Response: 48688939
Conc: 500.00 ng/ml



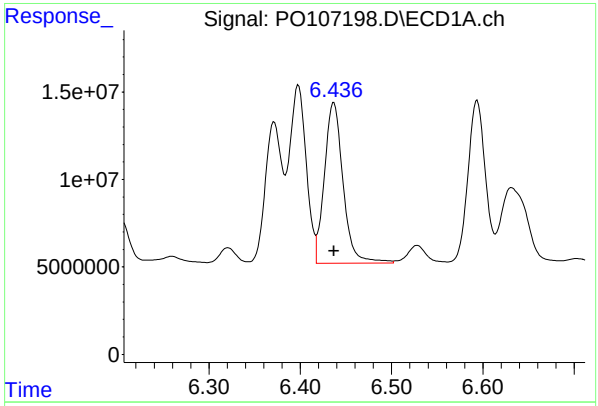
#24 AR-1248-4

R.T.: 6.398 min
Delta R.T.: 0.000 min
Response: 130266636
Conc: 500.00 ng/ml



#24 AR-1248-4

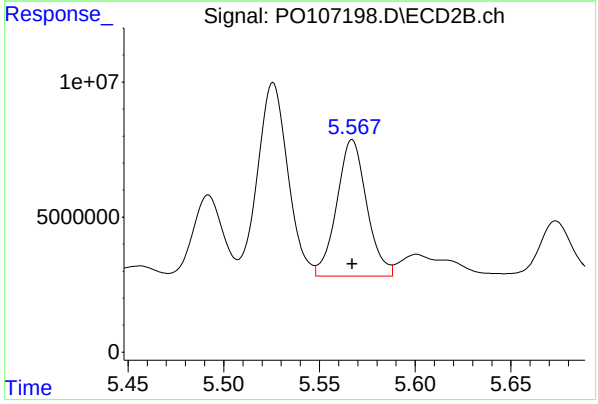
R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 57380206
Conc: 500.00 ng/ml



#25 AR-1248-5

R.T.: 6.437 min
Delta R.T.: 0.000 min
Response: 130366768
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



#25 AR-1248-5

R.T.: 5.567 min
Delta R.T.: 0.000 min
Response: 54900690
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107199.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 22:59
Operator : YP/AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 02:09:57 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 02:08:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.373	3.644	237.3E6	84054601	25.358	24.535
2)	SA Decachlor...	10.056	8.639	64153967	70917862	25.620	25.402
	Target Compounds						
21)	L5 AR-1248-1	5.522	4.725	46152443	16666809	263.440	256.890
22)	L5 AR-1248-2	5.796	4.962	67518514	24135370	266.200	259.347
23)	L5 AR-1248-3	5.998	5.003	68597053	25222976	264.133	259.022
24)	L5 AR-1248-4	6.399	5.175	68218183	29443172	261.841	256.562
25)	L5 AR-1248-5	6.437	5.567	69078530	28554491	264.939	260.056

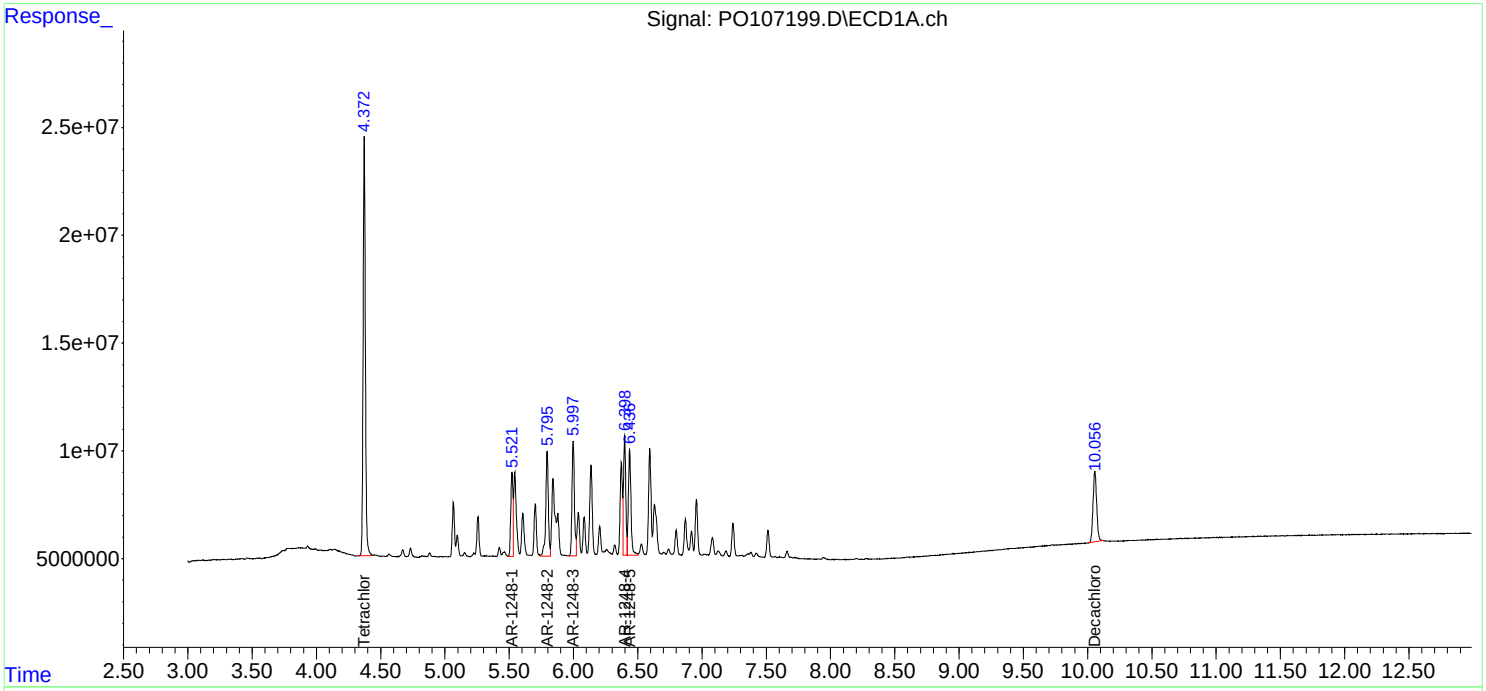
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

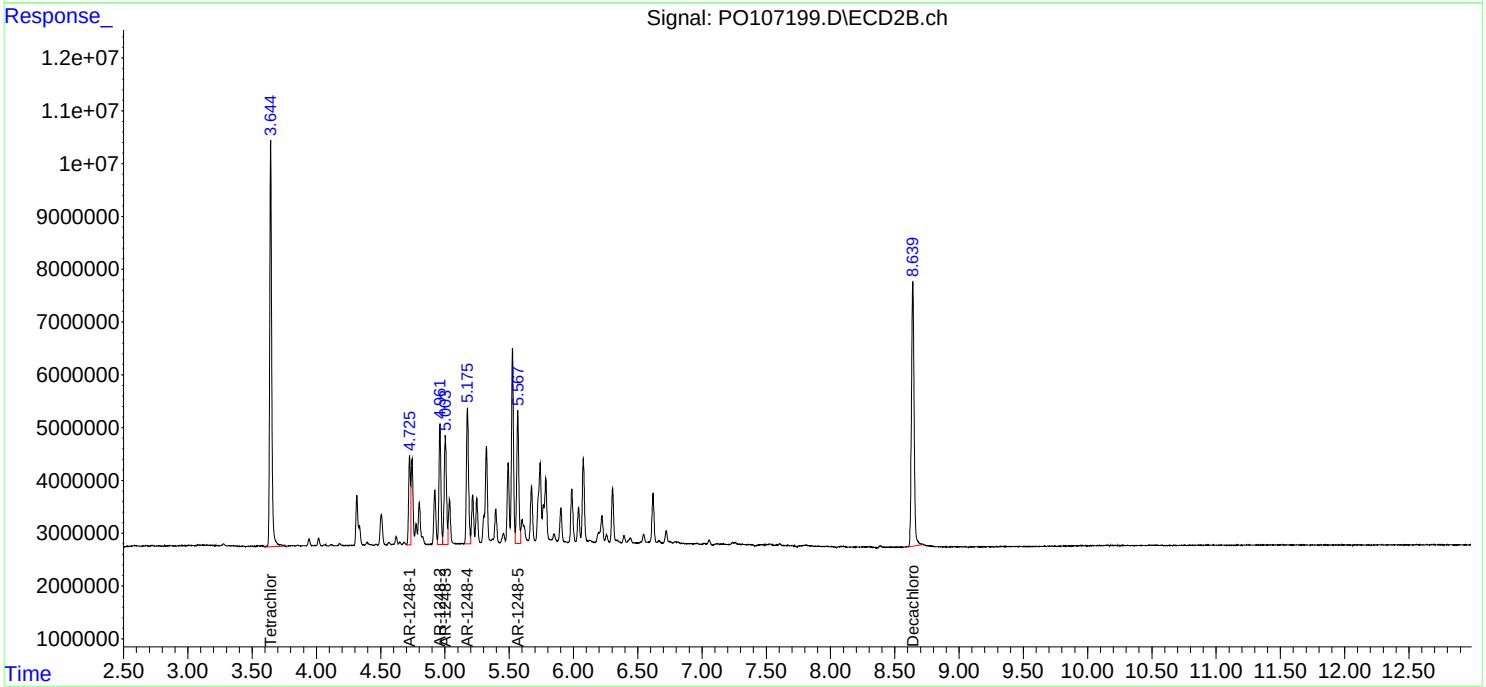
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107199.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 22:59
Operator : YP/AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

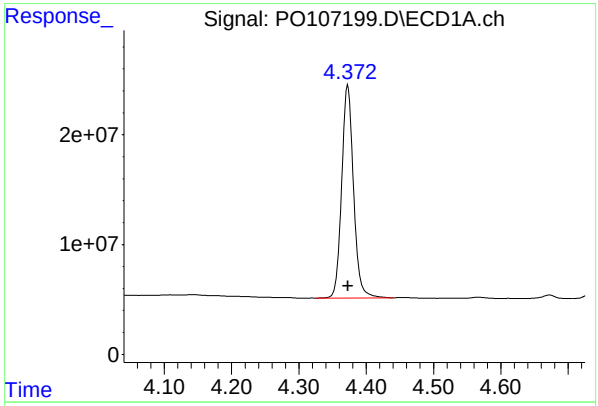
Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 02:09:57 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 02:08:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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



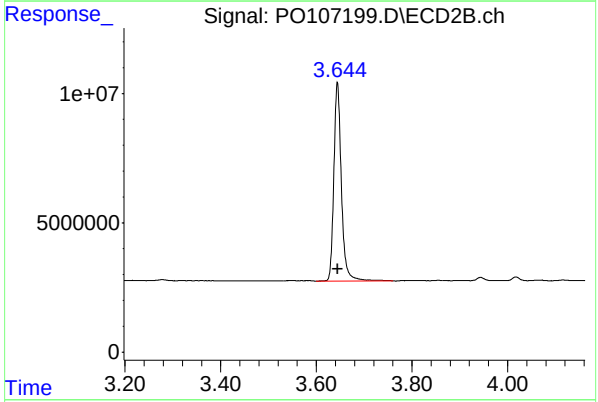




#1 Tetrachloro-m-xylene

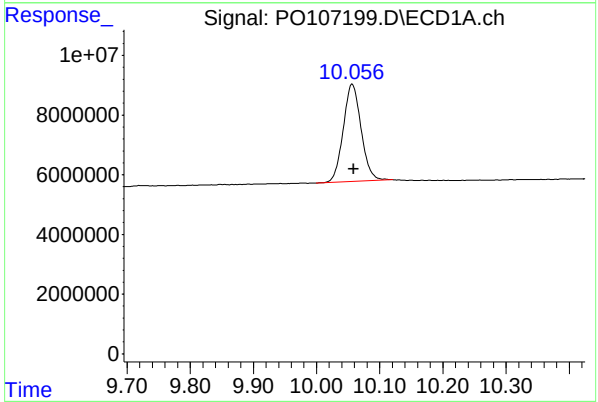
R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 237319605
Conc: 25.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



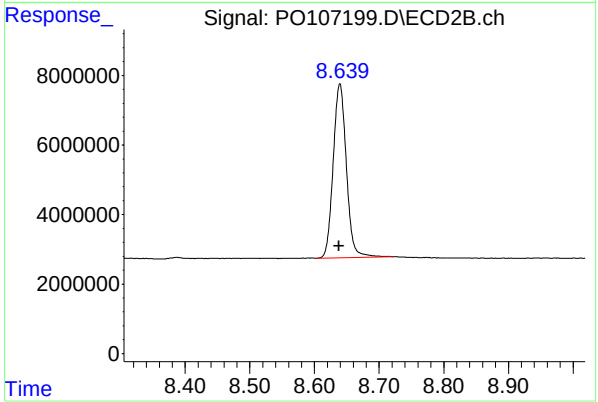
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 84054601
Conc: 24.54 ng/ml



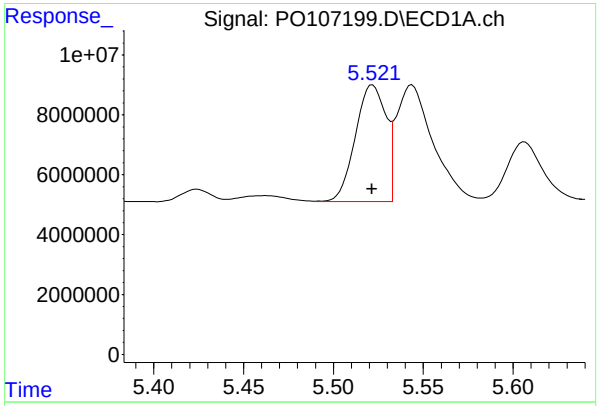
#2 Decachlorobiphenyl

R.T.: 10.056 min
Delta R.T.: -0.002 min
Response: 64153967
Conc: 25.62 ng/ml



#2 Decachlorobiphenyl

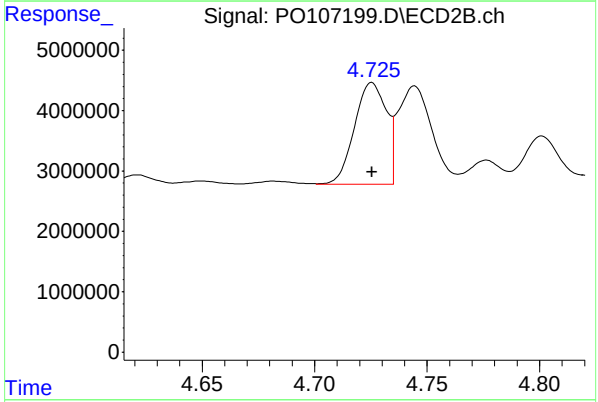
R.T.: 8.639 min
Delta R.T.: 0.001 min
Response: 70917862
Conc: 25.40 ng/ml



#21 AR-1248-1

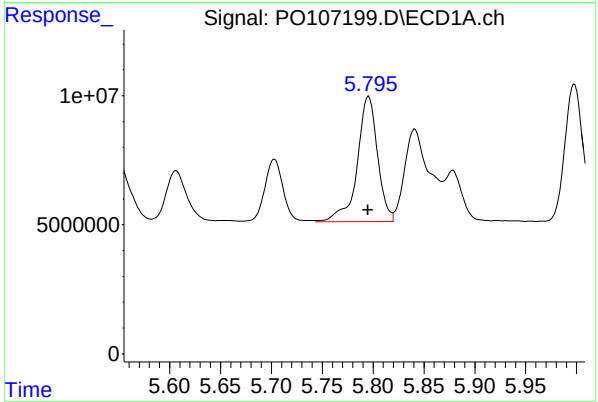
R.T.: 5.522 min
Delta R.T.: 0.000 min
Response: 46152443
Conc: 263.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



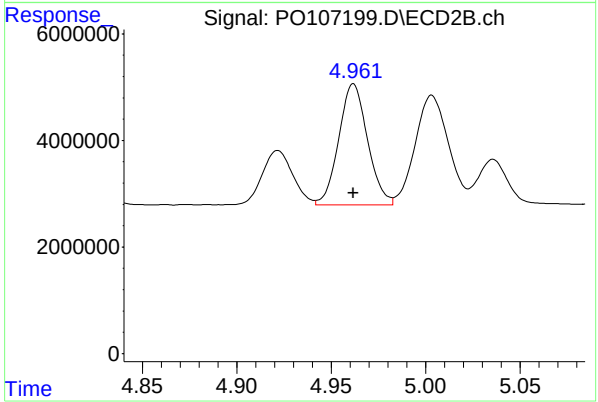
#21 AR-1248-1

R.T.: 4.725 min
Delta R.T.: 0.000 min
Response: 16666809
Conc: 256.89 ng/ml



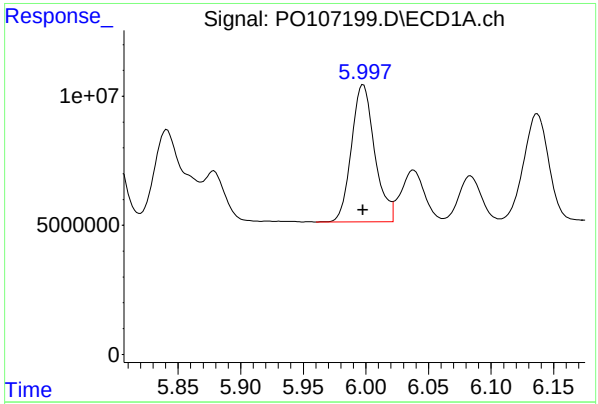
#22 AR-1248-2

R.T.: 5.796 min
Delta R.T.: 0.000 min
Response: 67518514
Conc: 266.20 ng/ml



#22 AR-1248-2

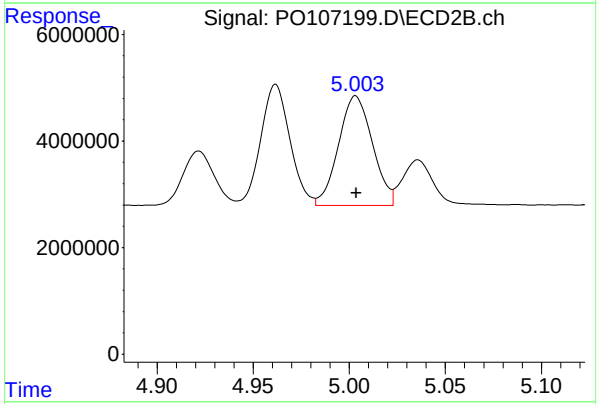
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 24135370
Conc: 259.35 ng/ml



#23 AR-1248-3

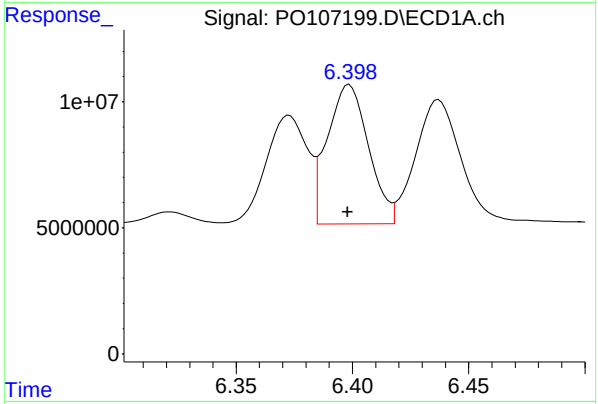
R.T.: 5.998 min
Delta R.T.: 0.000 min
Response: 68597053
Conc: 264.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



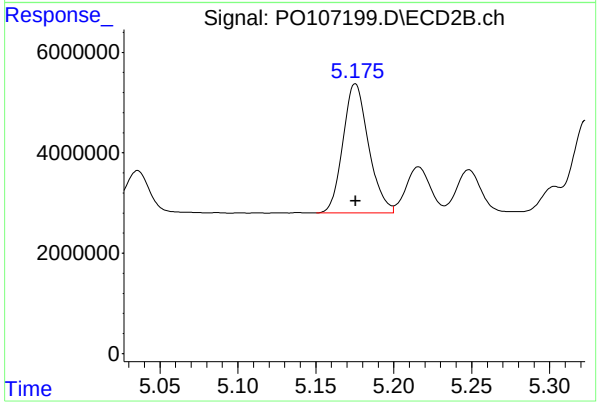
#23 AR-1248-3

R.T.: 5.003 min
Delta R.T.: 0.000 min
Response: 25222976
Conc: 259.02 ng/ml



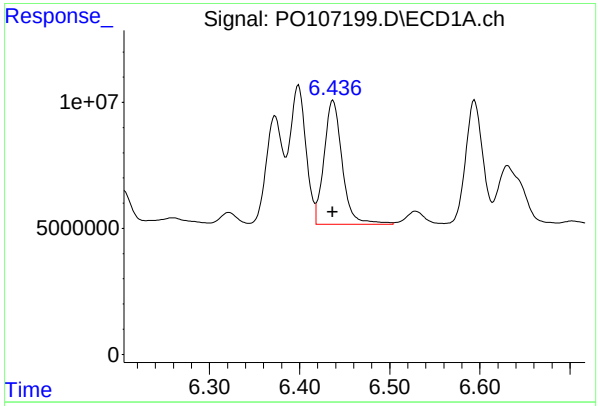
#24 AR-1248-4

R.T.: 6.399 min
Delta R.T.: 0.000 min
Response: 68218183
Conc: 261.84 ng/ml



#24 AR-1248-4

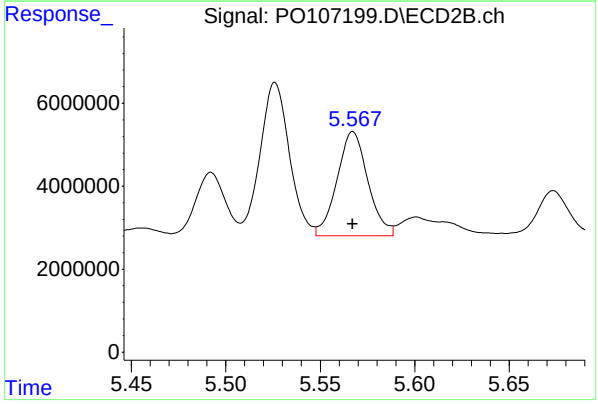
R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 29443172
Conc: 256.56 ng/ml



#25 AR-1248-5

R.T.: 6.437 min
Delta R.T.: 0.000 min
Response: 69078530
Conc: 264.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



#25 AR-1248-5

R.T.: 5.567 min
Delta R.T.: 0.000 min
Response: 28554491
Conc: 260.06 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107200.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 23:17
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 02:10:22 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 02:08:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.372	3.644	44978867	14828612	4.806	4.328
2)	SA Decachlor...	10.057	8.638	11983506	13399690	4.786	4.800
	Target Compounds						
21)	L5 AR-1248-1	5.521	4.726	9443386	3120120	53.903	48.091
22)	L5 AR-1248-2	5.795	4.962	14018331	4677017	55.269	50.257
23)	L5 AR-1248-3	5.997	5.004	13309890	4810627	51.250	49.402
24)	L5 AR-1248-4	6.398	5.176	13593006	5584554	52.174	48.663
25)	L5 AR-1248-5	6.436	5.567	14015230	5957032	53.753	54.253

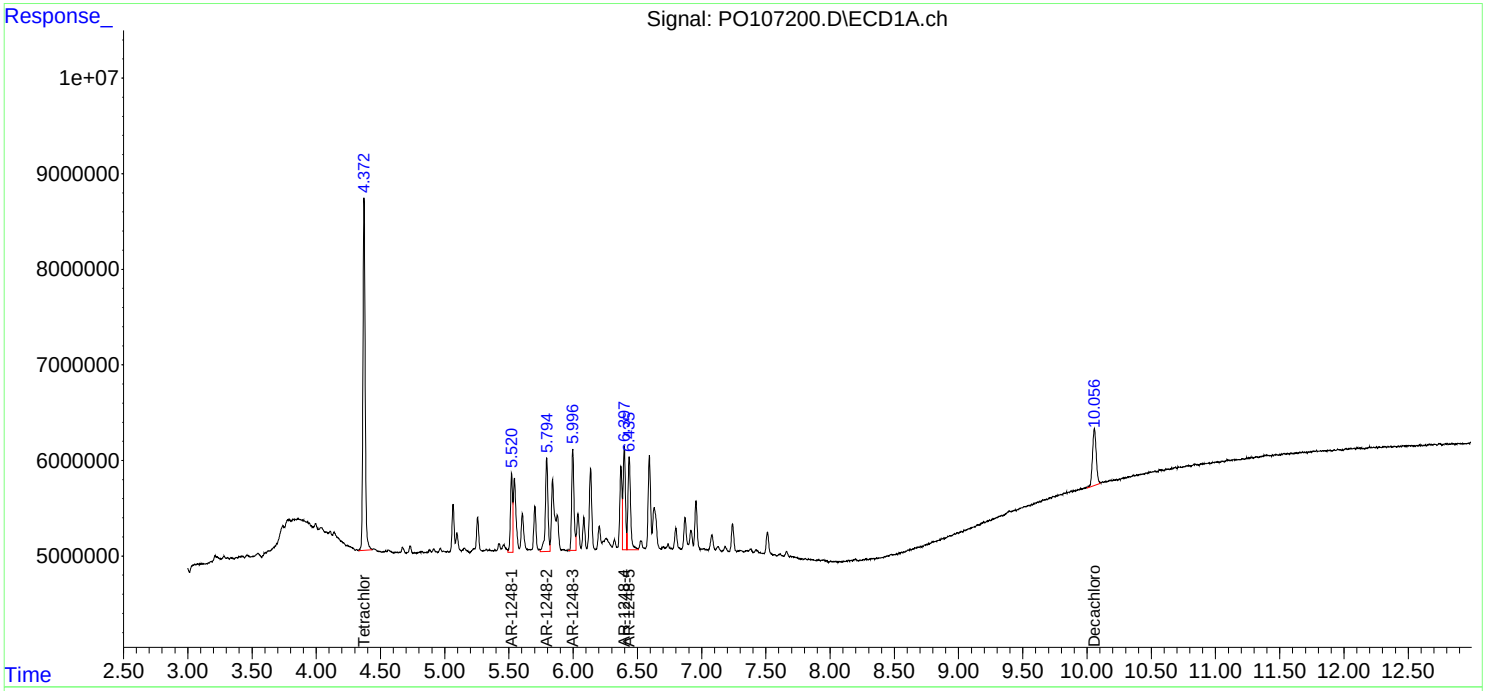
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

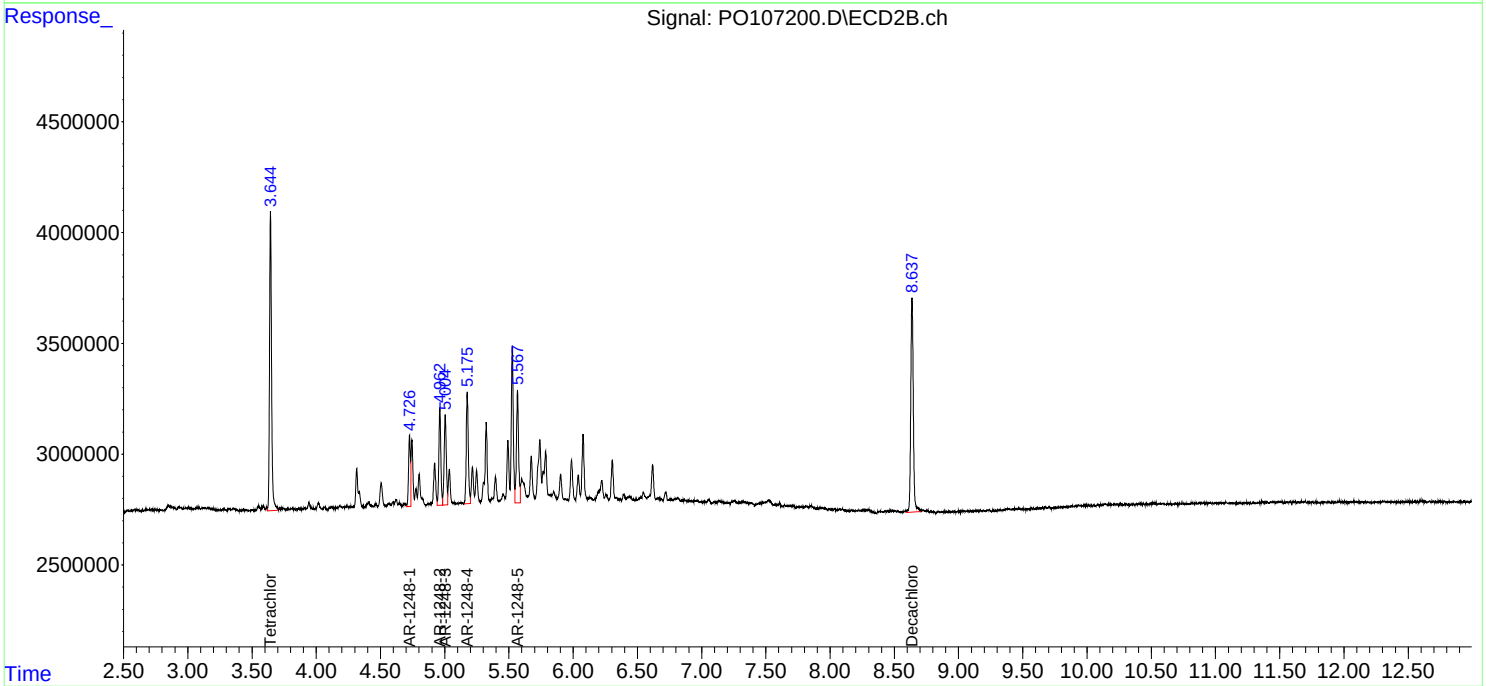
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107200.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 23:17
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

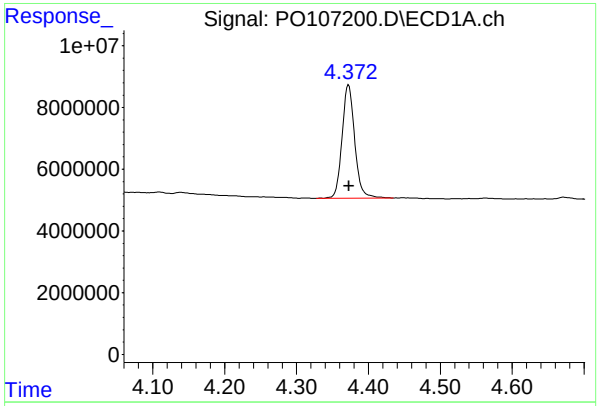
Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 02:10:22 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 02:08:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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



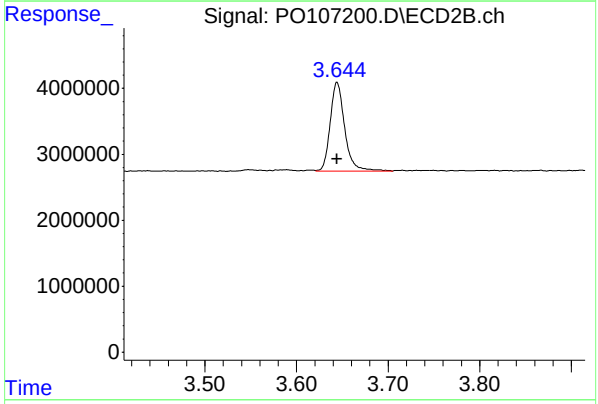




#1 Tetrachloro-m-xylene

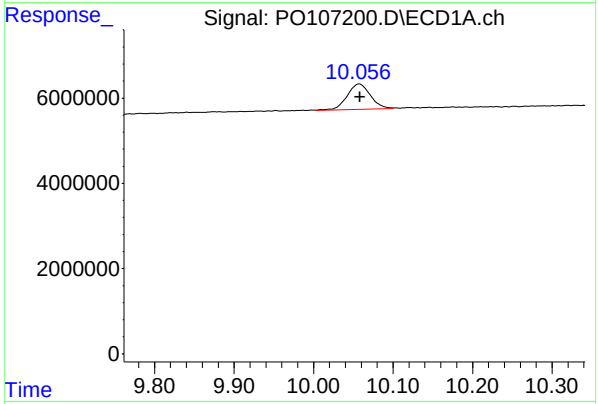
R.T.: 4.372 min
Delta R.T.: 0.000 min
Response: 44978867
Conc: 4.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



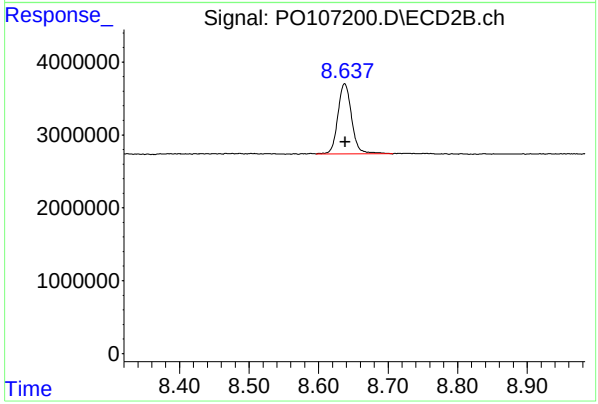
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 14828612
Conc: 4.33 ng/ml



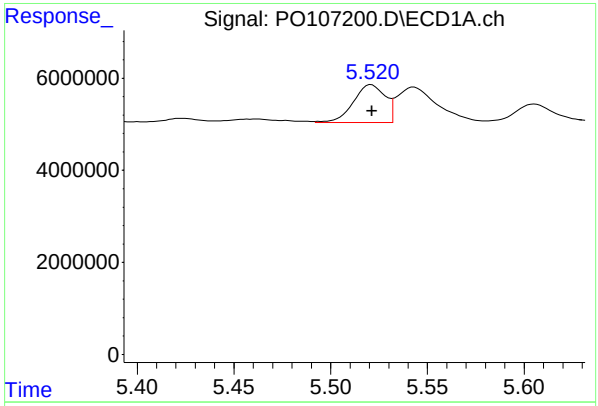
#2 Decachlorobiphenyl

R.T.: 10.057 min
Delta R.T.: -0.001 min
Response: 11983506
Conc: 4.79 ng/ml



#2 Decachlorobiphenyl

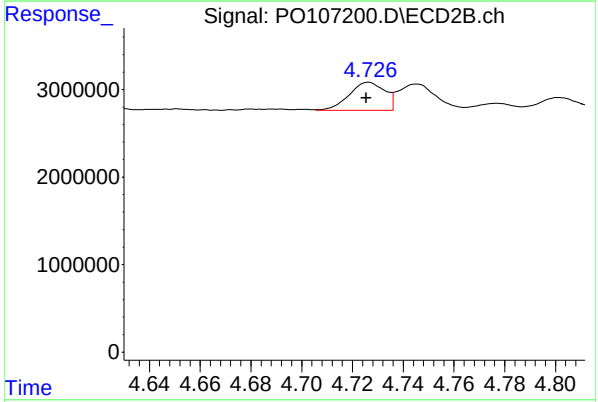
R.T.: 8.638 min
Delta R.T.: 0.000 min
Response: 13399690
Conc: 4.80 ng/ml



#21 AR-1248-1

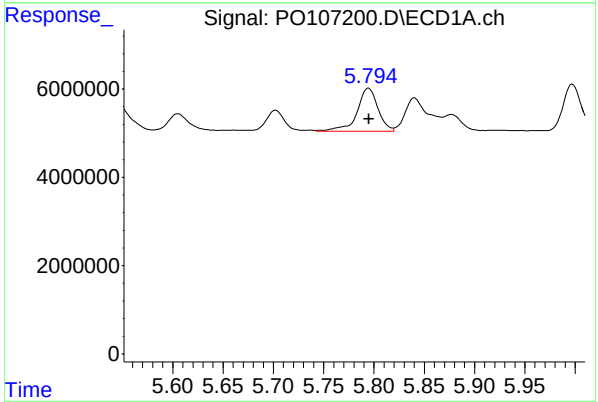
R.T.: 5.521 min
Delta R.T.: 0.000 min
Response: 9443386
Conc: 53.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



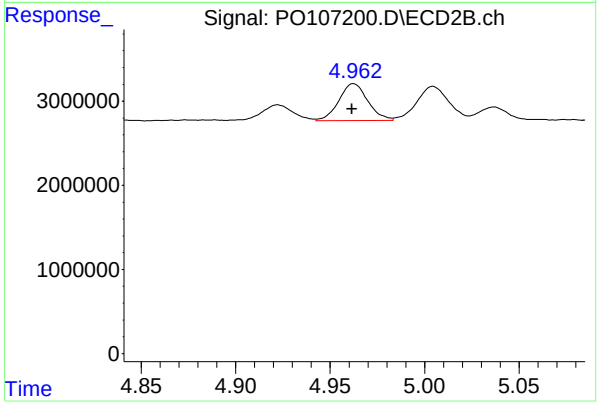
#21 AR-1248-1

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 3120120
Conc: 48.09 ng/ml



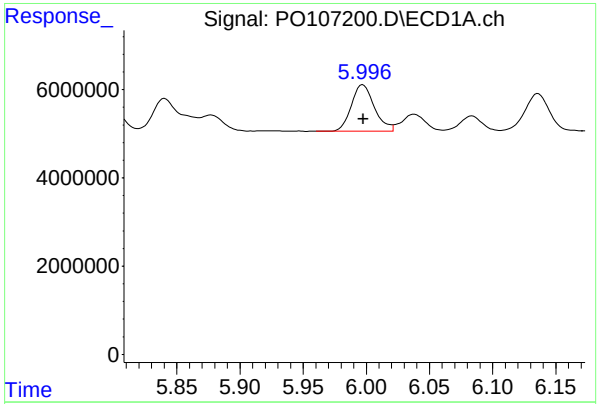
#22 AR-1248-2

R.T.: 5.795 min
Delta R.T.: 0.000 min
Response: 14018331
Conc: 55.27 ng/ml



#22 AR-1248-2

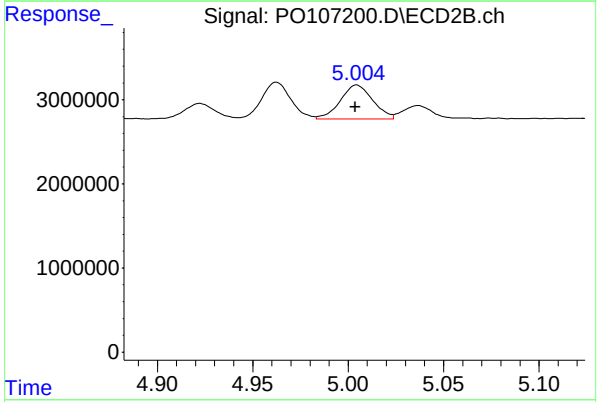
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 4677017
Conc: 50.26 ng/ml



#23 AR-1248-3

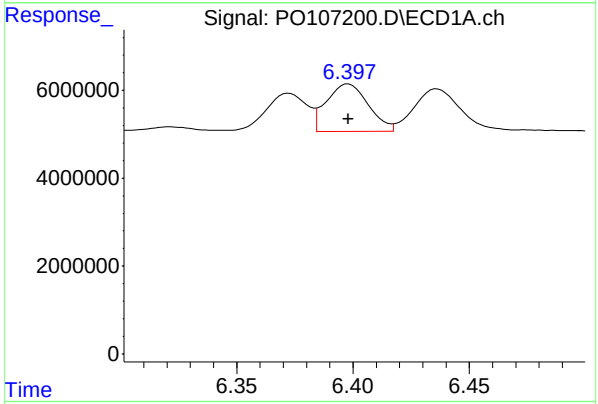
R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 13309890
Conc: 51.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



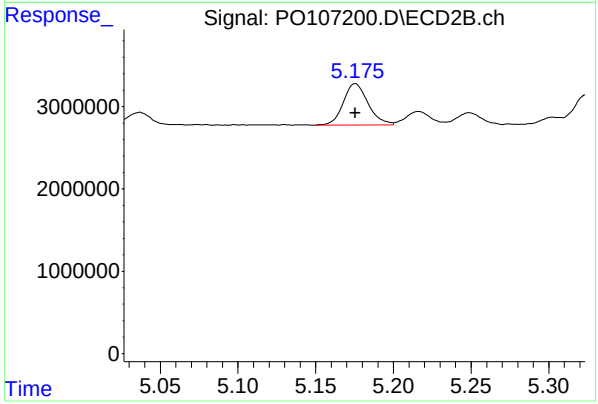
#23 AR-1248-3

R.T.: 5.004 min
Delta R.T.: 0.000 min
Response: 4810627
Conc: 49.40 ng/ml



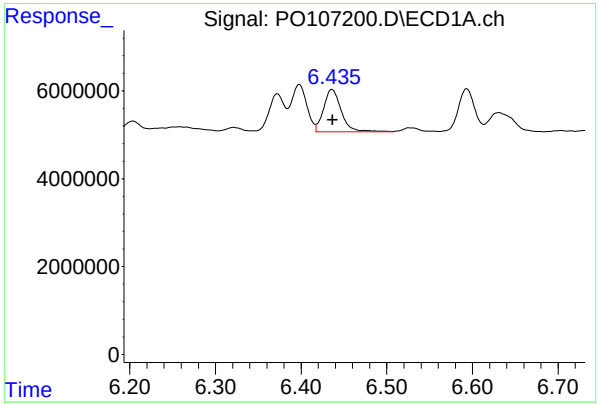
#24 AR-1248-4

R.T.: 6.398 min
Delta R.T.: 0.000 min
Response: 13593006
Conc: 52.17 ng/ml



#24 AR-1248-4

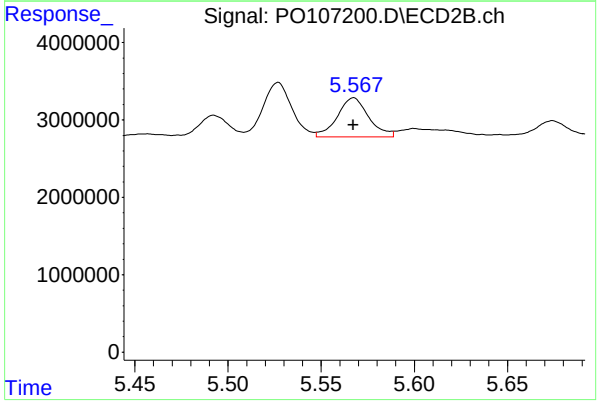
R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 5584554
Conc: 48.66 ng/ml



#25 AR-1248-5

R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 14015230
Conc: 53.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



#25 AR-1248-5

R.T.: 5.567 min
Delta R.T.: 0.000 min
Response: 5957032
Conc: 54.25 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107201.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 23:35
Operator : YP/AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 02:21:37 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 02:21:05 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.373	3.645	888.4E6	334.8E6	96.727	99.808
2)	SA Decachlor...	10.058	8.638	235.8E6	272.7E6	93.987	98.323
	Target Compounds						
26)	L6 AR-1254-1	6.374	5.526	246.8E6	159.9E6	931.434	965.611
27)	L6 AR-1254-2	6.593	5.674	348.1E6	138.5E6	933.222	957.951
28)	L6 AR-1254-3	6.957	6.077	336.3E6	227.1E6	944.885	977.812
29)	L6 AR-1254-4	7.242	6.304	213.1E6	128.2E6	938.161	976.528
30)	L6 AR-1254-5	7.663	6.721	194.6E6	191.9E6	945.308	982.221

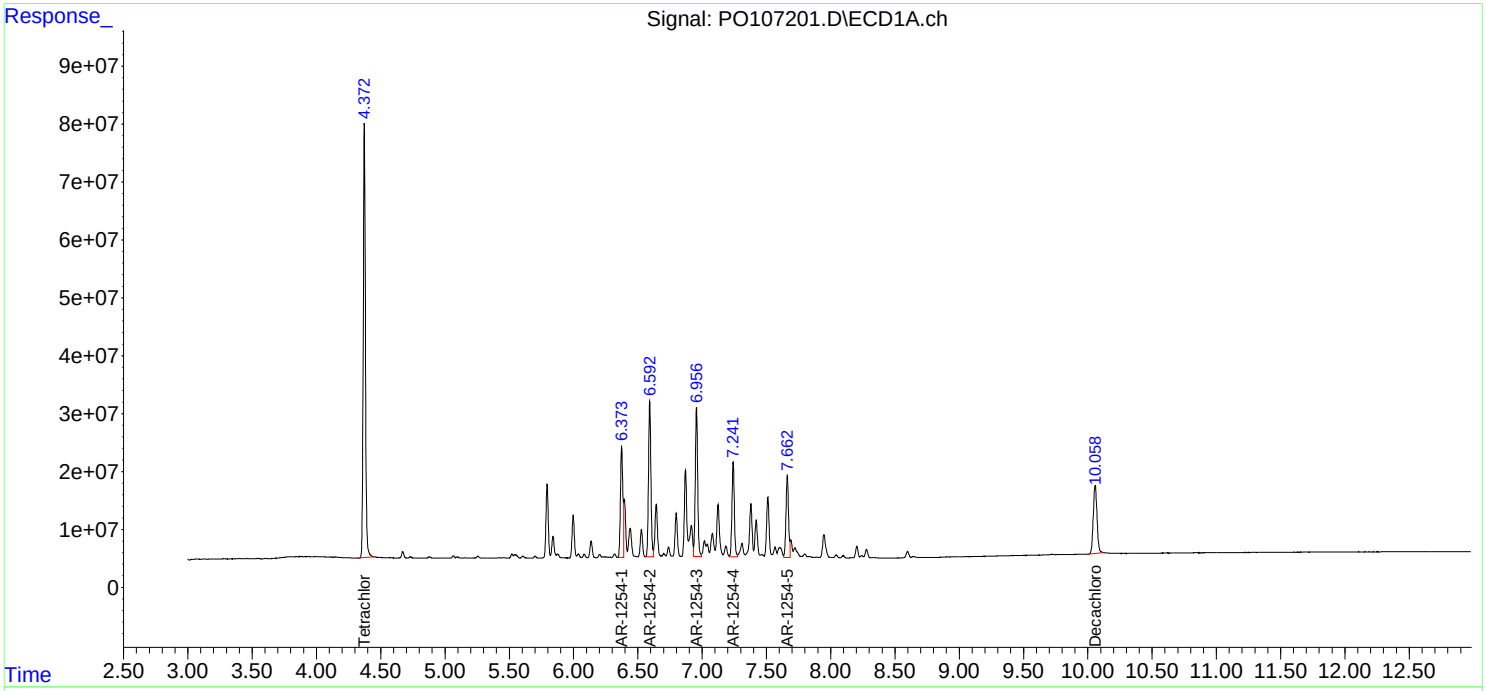
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

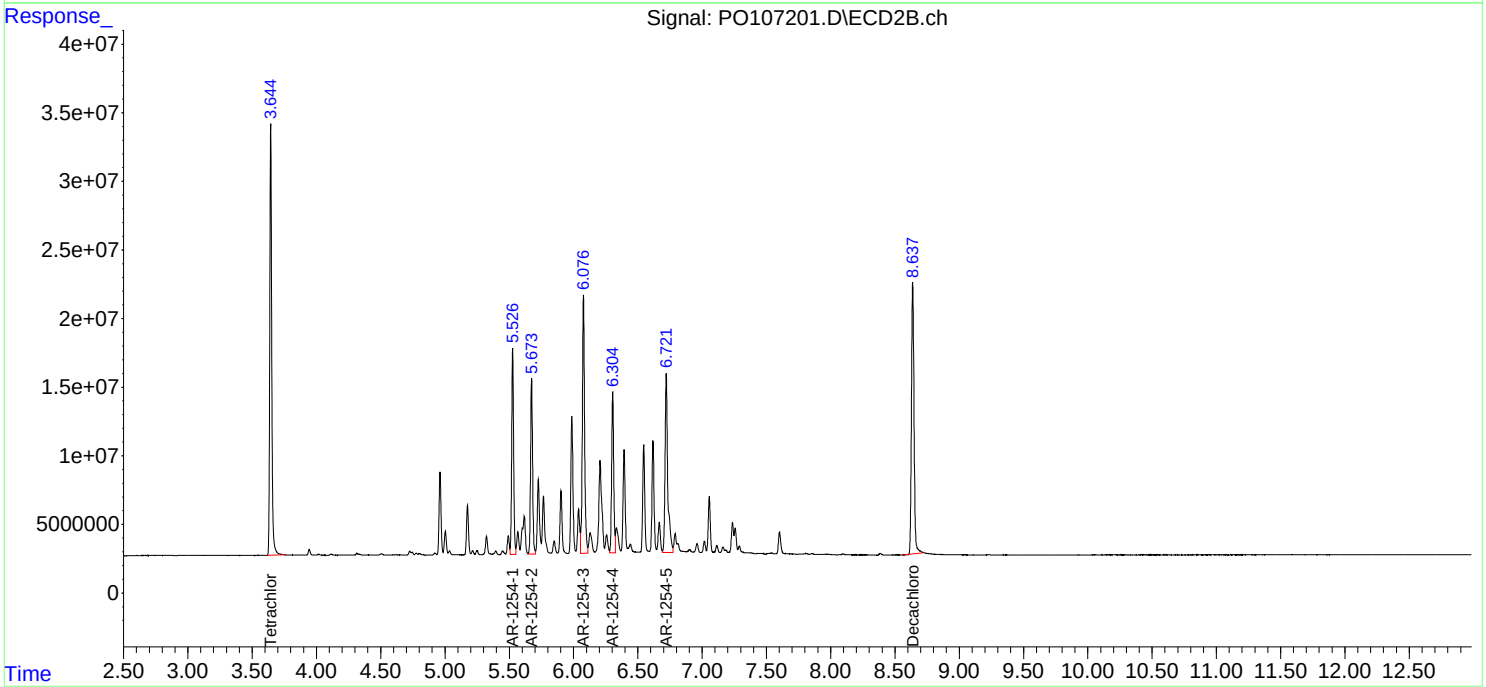
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107201.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 23:35
Operator : YP/AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

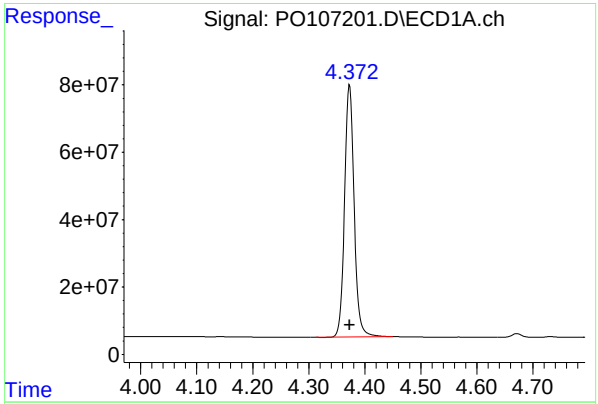
Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 02:21:37 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 02:21:05 2024
Response via : Initial Calibration
Integrator: ChemStation

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



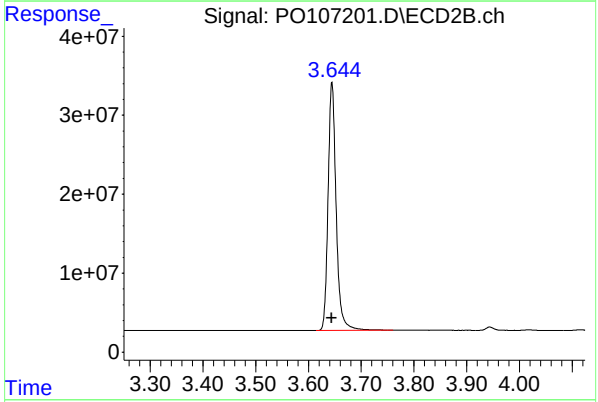




#1 Tetrachloro-m-xylene

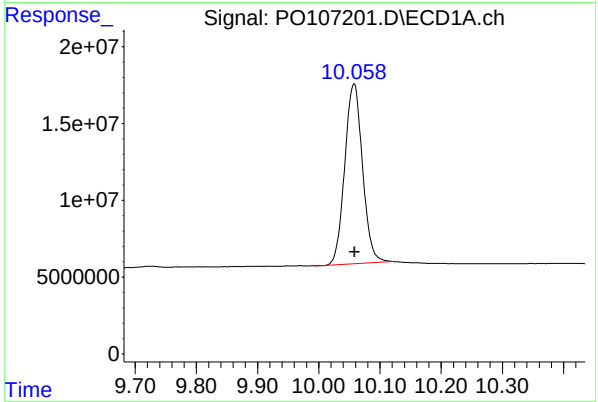
R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 888376323
Conc: 96.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



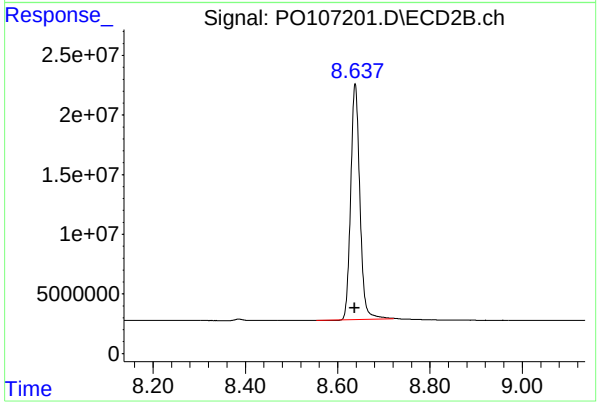
#1 Tetrachloro-m-xylene

R.T.: 3.645 min
Delta R.T.: 0.000 min
Response: 334779956
Conc: 99.81 ng/ml



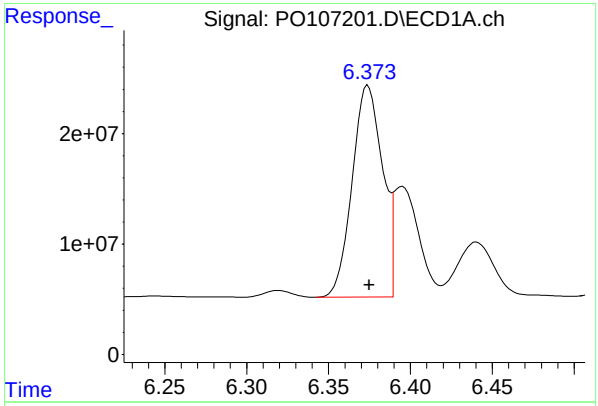
#2 Decachlorobiphenyl

R.T.: 10.058 min
Delta R.T.: 0.000 min
Response: 235774621
Conc: 93.99 ng/ml



#2 Decachlorobiphenyl

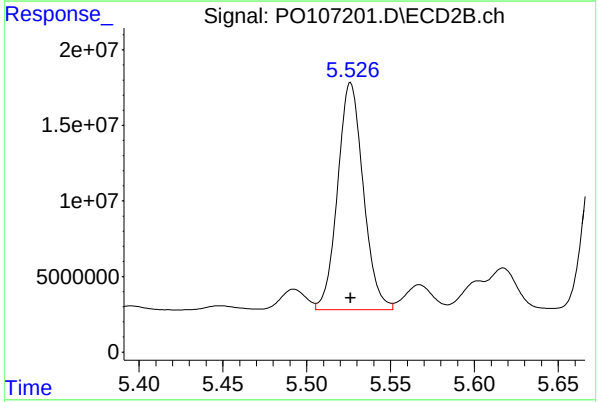
R.T.: 8.638 min
Delta R.T.: 0.000 min
Response: 272692715
Conc: 98.32 ng/ml



#26 AR-1254-1

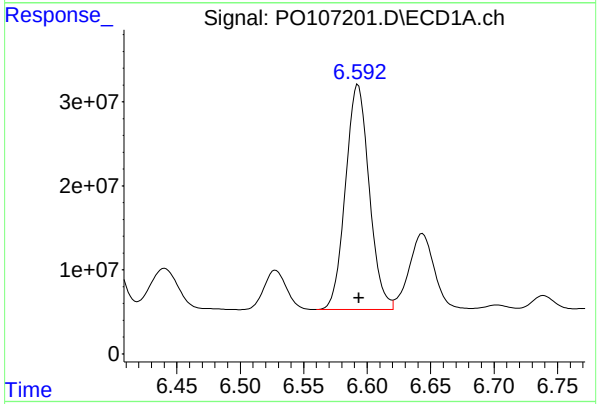
R.T.: 6.374 min
Delta R.T.: 0.000 min
Response: 246822697
Conc: 931.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



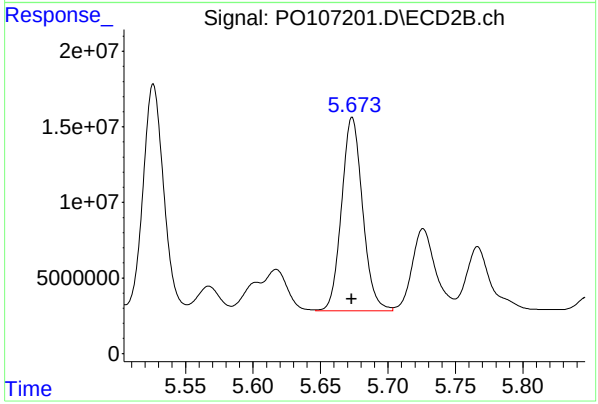
#26 AR-1254-1

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 159855276
Conc: 965.61 ng/ml



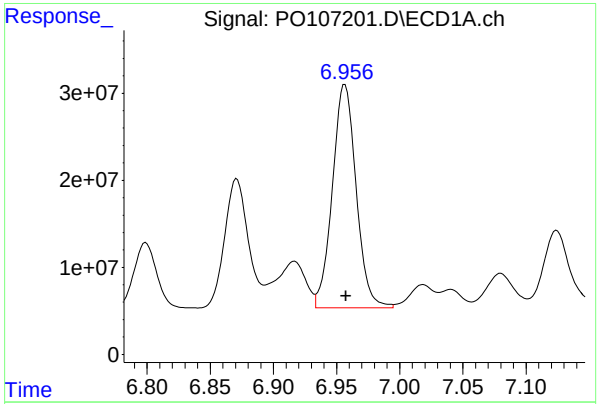
#27 AR-1254-2

R.T.: 6.593 min
Delta R.T.: 0.000 min
Response: 348120894
Conc: 933.22 ng/ml



#27 AR-1254-2

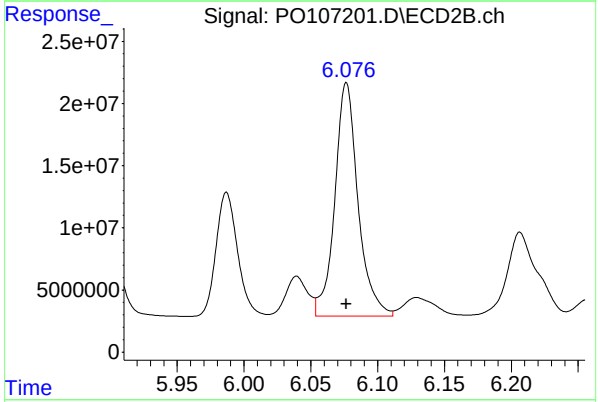
R.T.: 5.674 min
Delta R.T.: 0.000 min
Response: 138468840
Conc: 957.95 ng/ml



#28 AR-1254-3

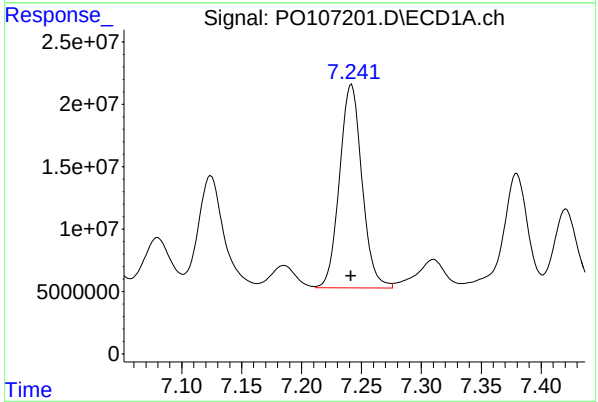
R.T.: 6.957 min
Delta R.T.: 0.000 min
Response: 336293322
Conc: 944.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



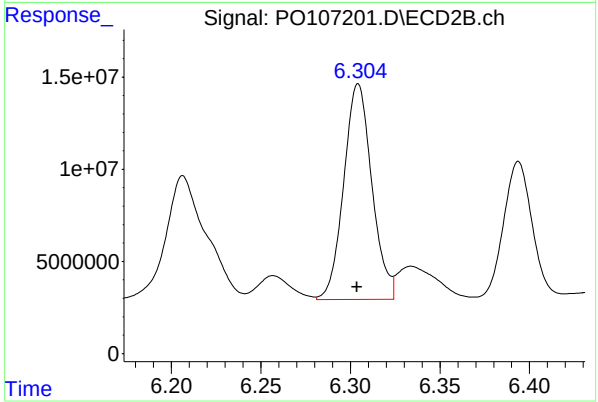
#28 AR-1254-3

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 227061110
Conc: 977.81 ng/ml



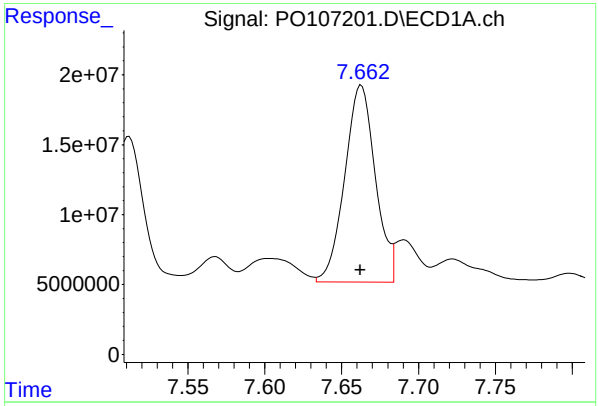
#29 AR-1254-4

R.T.: 7.242 min
Delta R.T.: 0.000 min
Response: 213138598
Conc: 938.16 ng/ml



#29 AR-1254-4

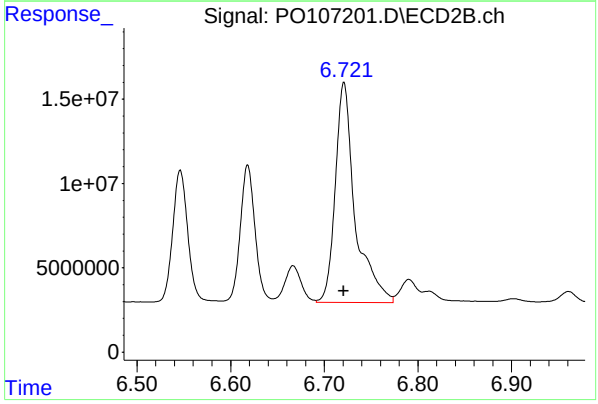
R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 128242906
Conc: 976.53 ng/ml



#30 AR-1254-5

R.T.: 7.663 min
Delta R.T.: 0.000 min
Response: 194609638
Conc: 945.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



#30 AR-1254-5

R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 191904554
Conc: 982.22 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107202.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 23:53
Operator : YP/AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 02:22:23 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 02:21:05 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.373	3.644	687.3E6	254.8E6	74.839	75.963
2)	SA Decachlor...	10.058	8.638	180.1E6	205.4E6	71.810	74.047
	Target Compounds						
26)	L6 AR-1254-1	6.374	5.526	192.4E6	122.9E6	726.190	742.326
27)	L6 AR-1254-2	6.593	5.673	271.2E6	106.7E6	727.100	738.182
28)	L6 AR-1254-3	6.957	6.076	259.2E6	173.5E6	728.388	747.327
29)	L6 AR-1254-4	7.241	6.303	165.1E6	97687474	726.838	743.858
30)	L6 AR-1254-5	7.662	6.721	150.8E6	146.4E6	732.514	749.136

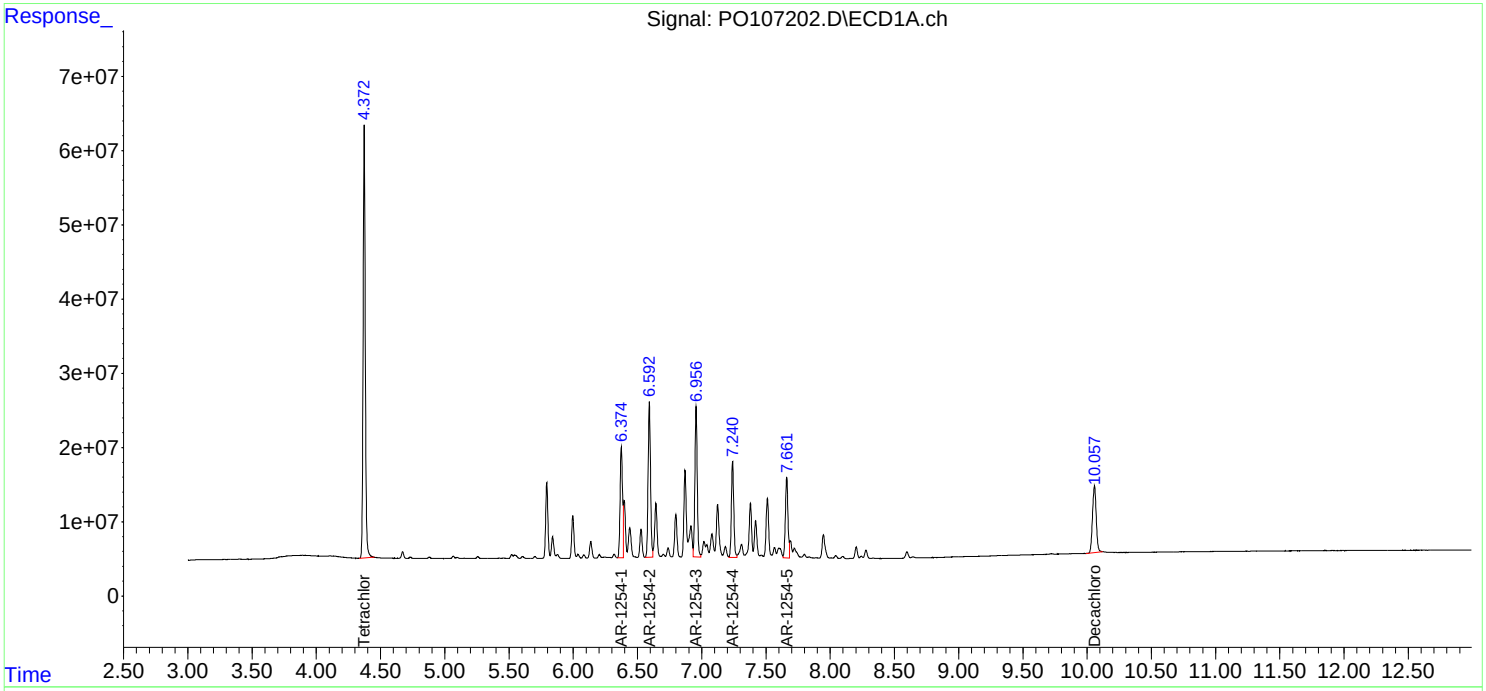
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

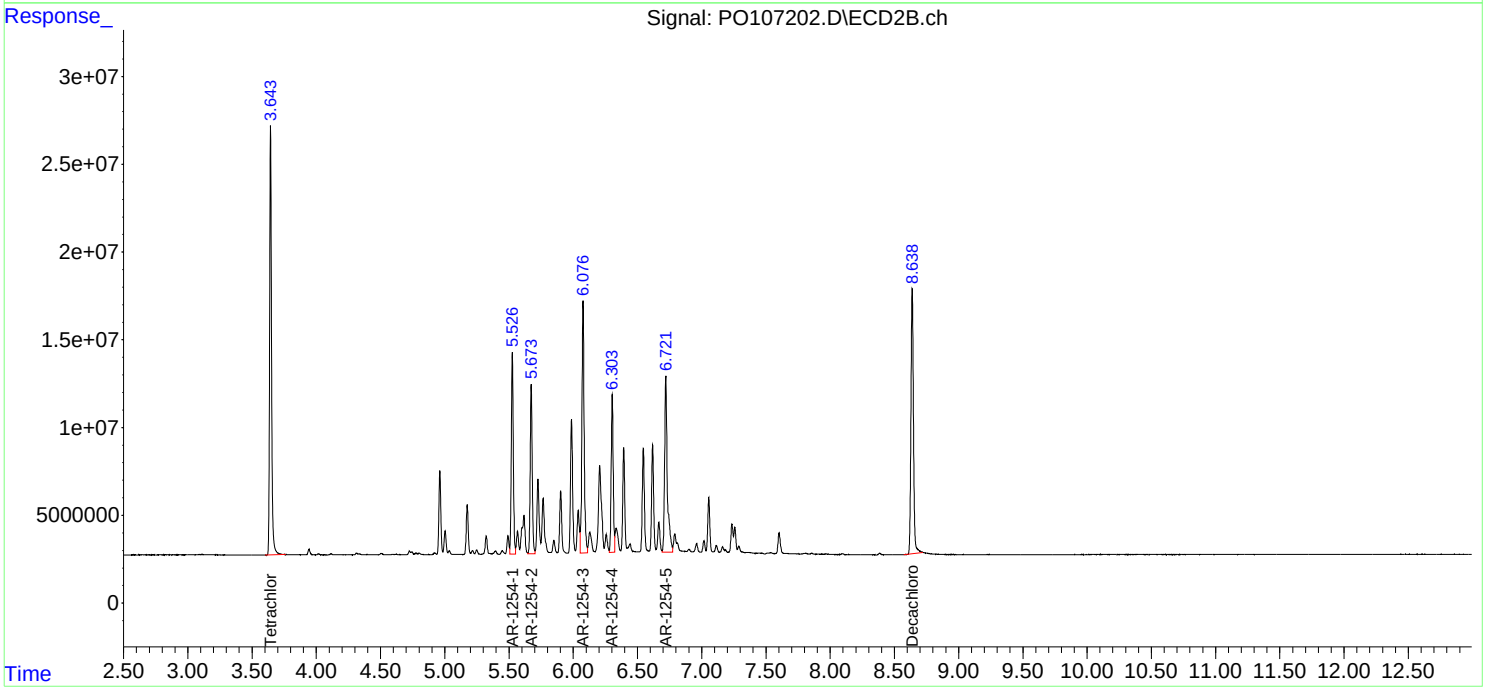
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107202.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 23:53
Operator : YP/AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

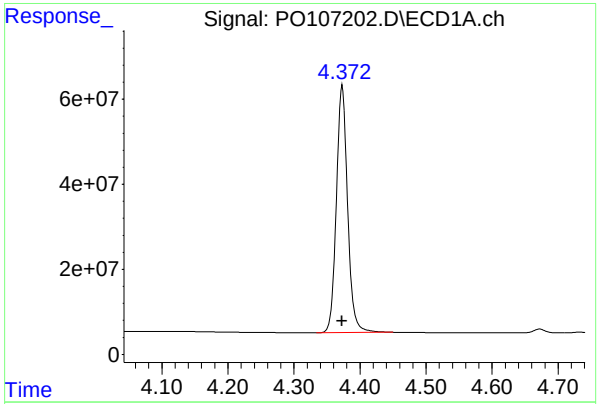
Instrument :
ECD_O
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 02:22:23 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 02:21:05 2024
Response via : Initial Calibration
Integrator: ChemStation

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



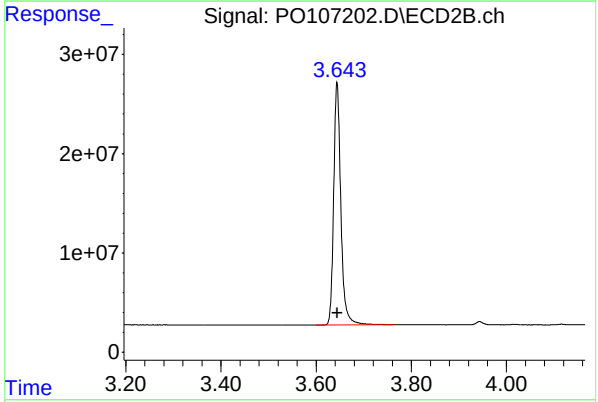




#1 Tetrachloro-m-xylene

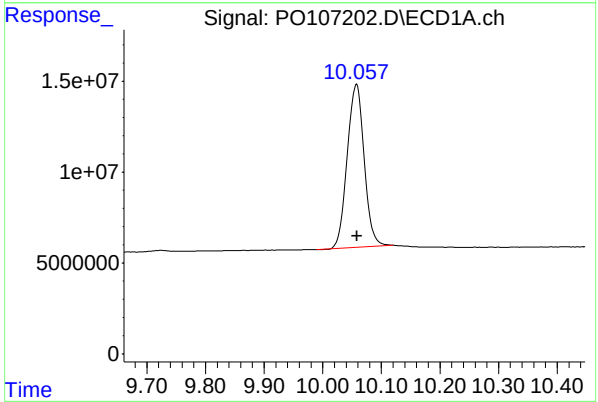
R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 687347049
Conc: 74.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



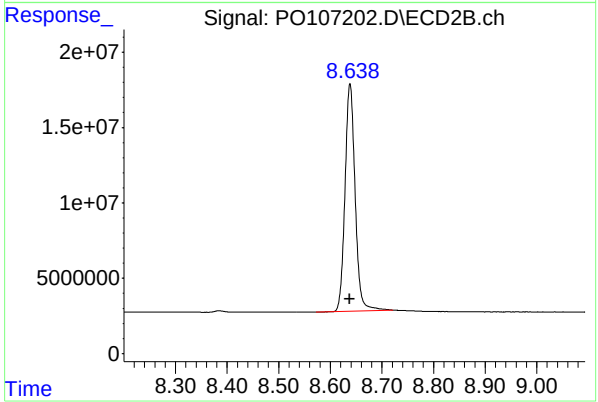
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 254800172
Conc: 75.96 ng/ml



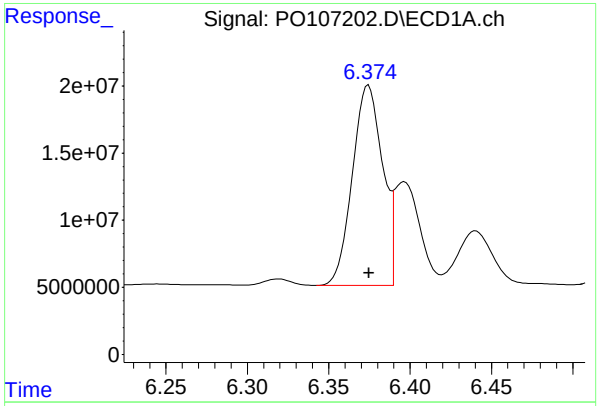
#2 Decachlorobiphenyl

R.T.: 10.058 min
Delta R.T.: 0.000 min
Response: 180142327
Conc: 71.81 ng/ml



#2 Decachlorobiphenyl

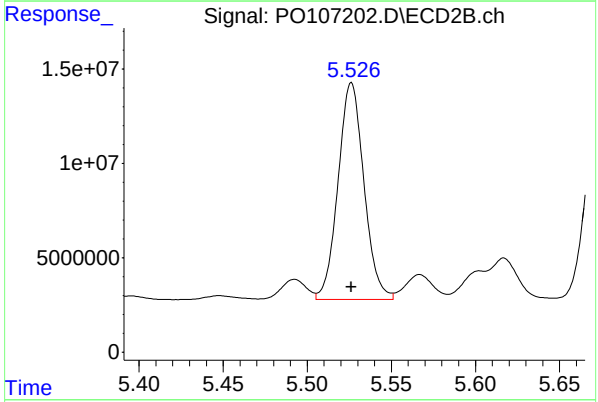
R.T.: 8.638 min
Delta R.T.: 0.001 min
Response: 205364304
Conc: 74.05 ng/ml



#26 AR-1254-1

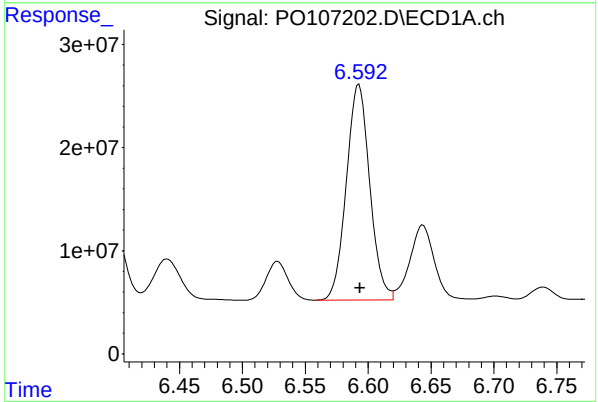
R.T.: 6.374 min
Delta R.T.: 0.000 min
Response: 192434762
Conc: 726.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



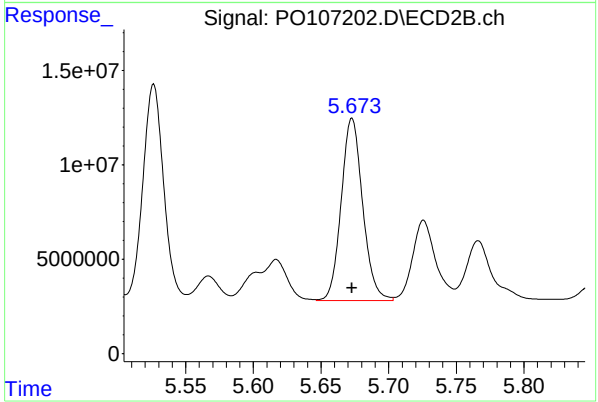
#26 AR-1254-1

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 122890903
Conc: 742.33 ng/ml



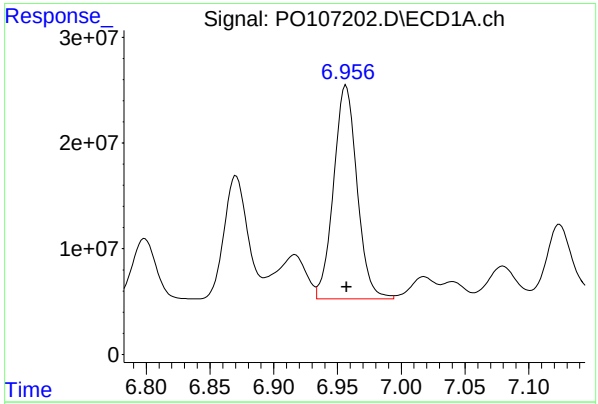
#27 AR-1254-2

R.T.: 6.593 min
Delta R.T.: 0.000 min
Response: 271231166
Conc: 727.10 ng/ml



#27 AR-1254-2

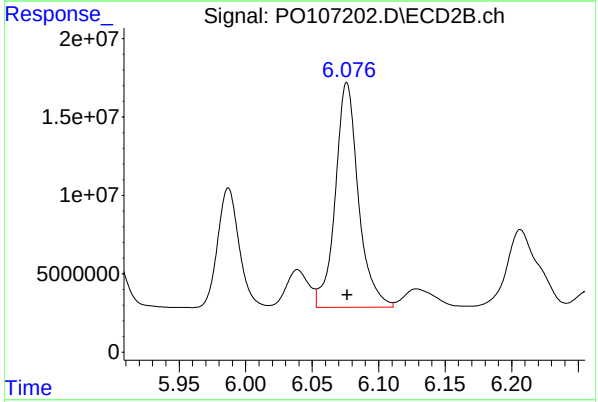
R.T.: 5.673 min
Delta R.T.: 0.000 min
Response: 106702001
Conc: 738.18 ng/ml



#28 AR-1254-3

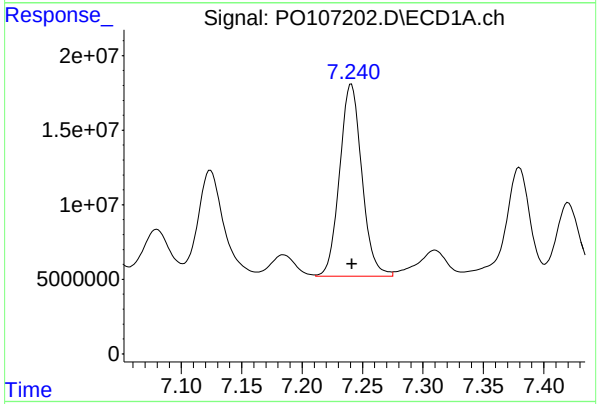
R.T.: 6.957 min
Delta R.T.: 0.000 min
Response: 259240057
Conc: 728.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



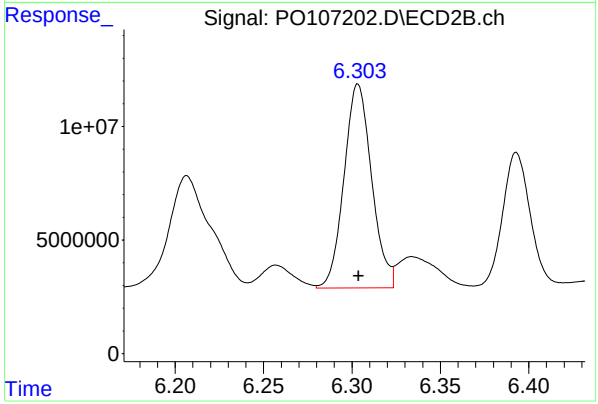
#28 AR-1254-3

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 173539463
Conc: 747.33 ng/ml



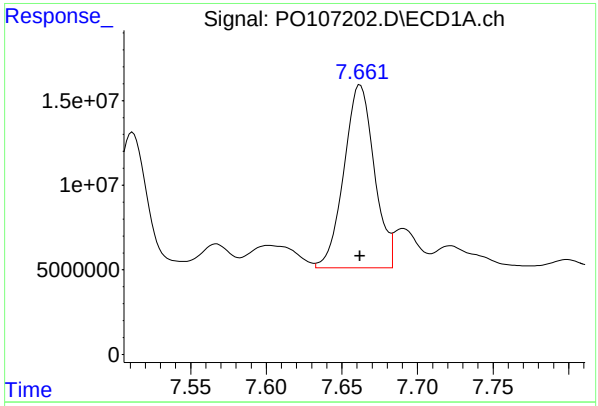
#29 AR-1254-4

R.T.: 7.241 min
Delta R.T.: 0.000 min
Response: 165128627
Conc: 726.84 ng/ml



#29 AR-1254-4

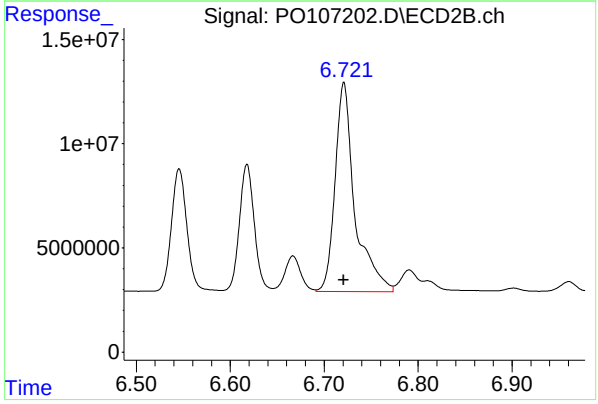
R.T.: 6.303 min
Delta R.T.: 0.000 min
Response: 97687474
Conc: 743.86 ng/ml



#30 AR-1254-5

R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 150801906
Conc: 732.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



#30 AR-1254-5

R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 146364864
Conc: 749.14 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107203.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2024 00:11
Operator : YP/AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 02:22:44 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 02:21:05 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.373	3.644	459.2E6	167.7E6	50.000	50.000
2)	SA Decachlor...	10.059	8.637	125.4E6	138.7E6	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	6.375	5.526	132.5E6	82774166	500.000	500.000
27)	L6 AR-1254-2	6.593	5.673	186.5E6	72273461	500.000	500.000
28)	L6 AR-1254-3	6.957	6.077	178.0E6	116.1E6	500.000	500.000
29)	L6 AR-1254-4	7.241	6.304	113.6E6	65662675	500.000	500.000
30)	L6 AR-1254-5	7.662	6.721	102.9E6	97689052	500.000	500.000

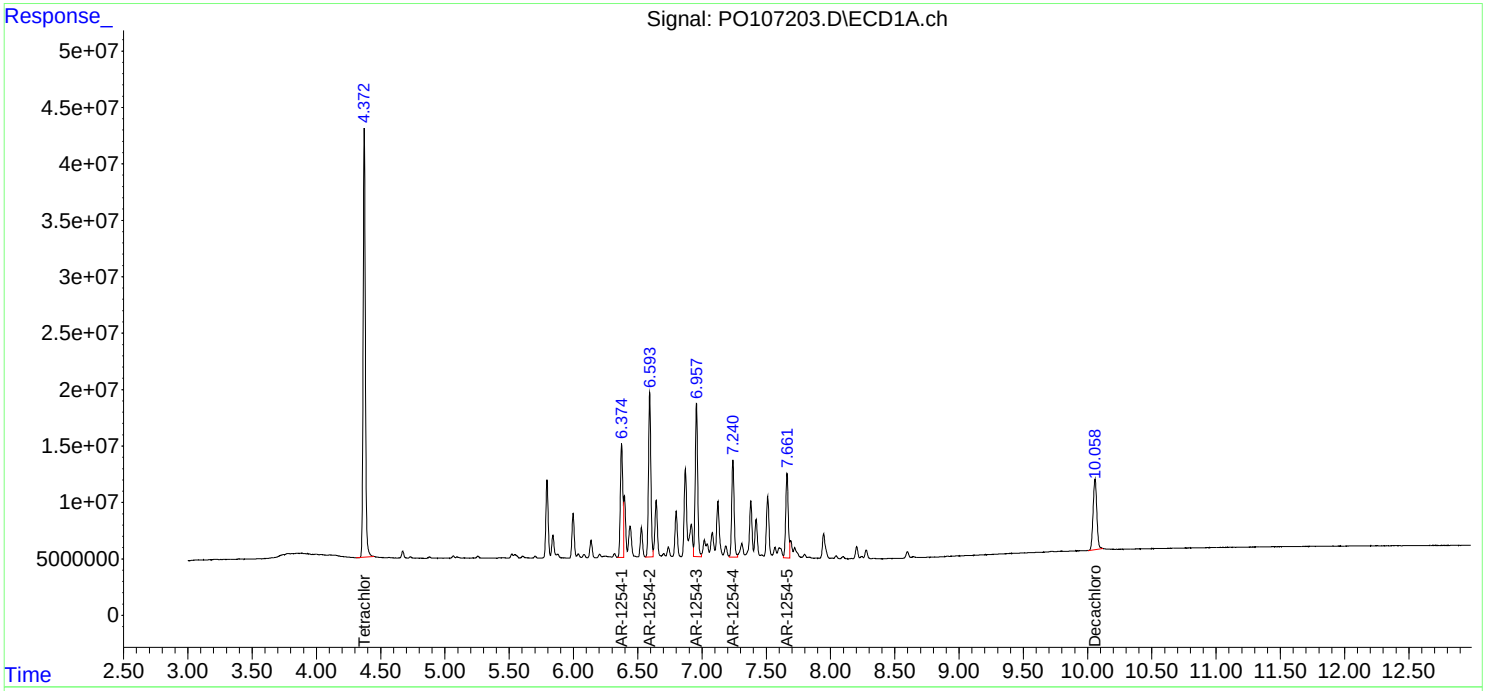
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

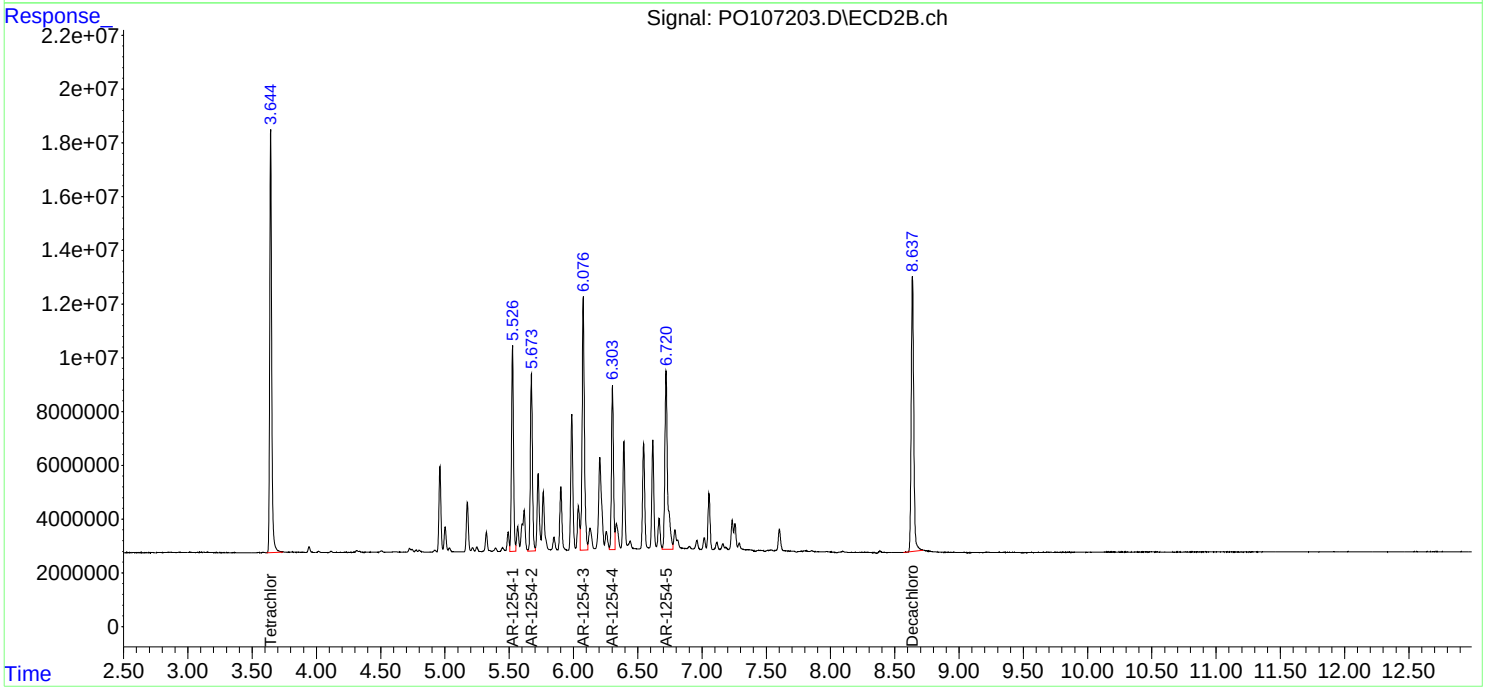
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107203.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2024 00:11
Operator : YP/AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

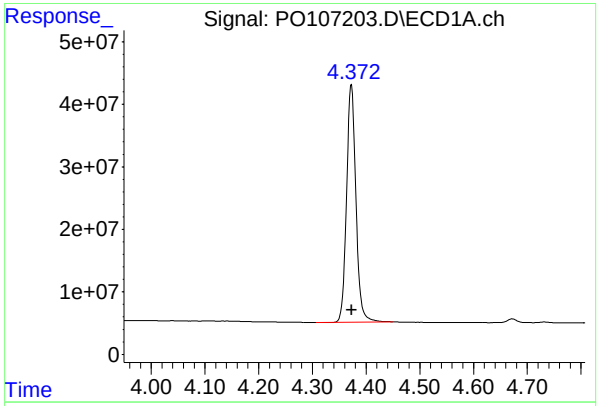
Instrument :
ECD_O
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 02:22:44 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 02:21:05 2024
Response via : Initial Calibration
Integrator: ChemStation

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



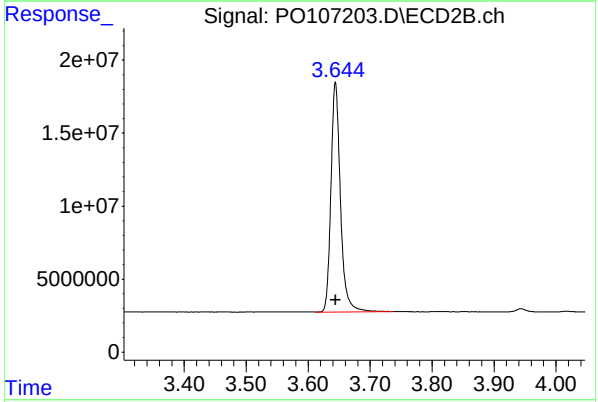




#1 Tetrachloro-m-xylene

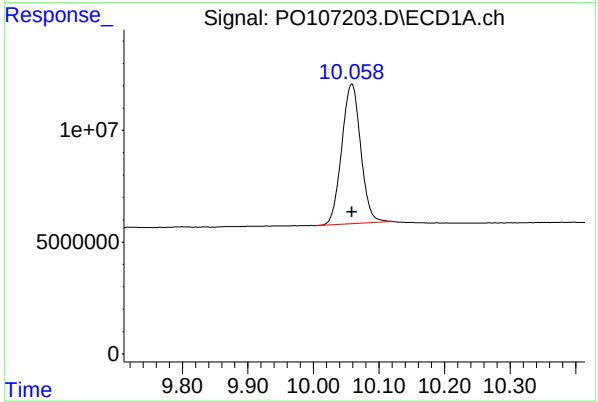
R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 459218453
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



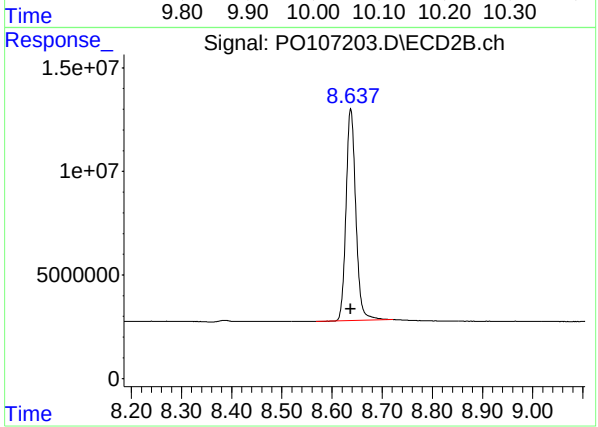
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 167712333
Conc: 50.00 ng/ml



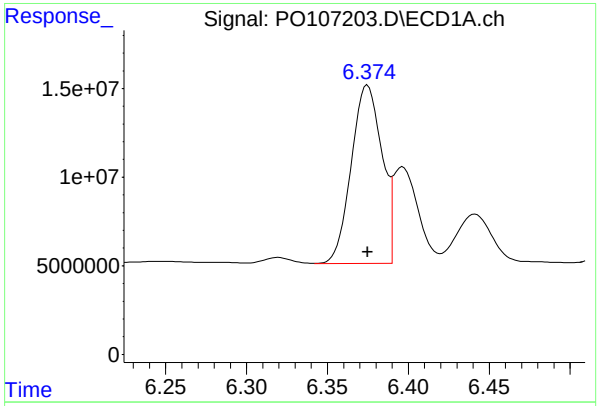
#2 Decachlorobiphenyl

R.T.: 10.059 min
Delta R.T.: 0.000 min
Response: 125429700
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

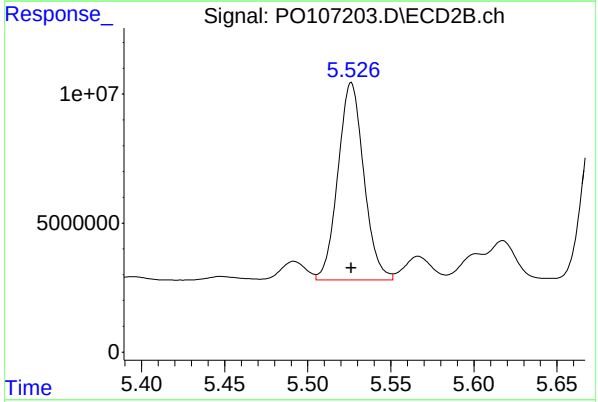
R.T.: 8.637 min
Delta R.T.: 0.000 min
Response: 138672356
Conc: 50.00 ng/ml



#26 AR-1254-1

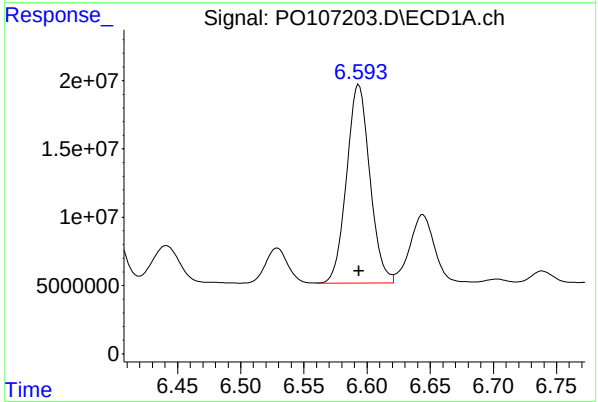
R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 132496121
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



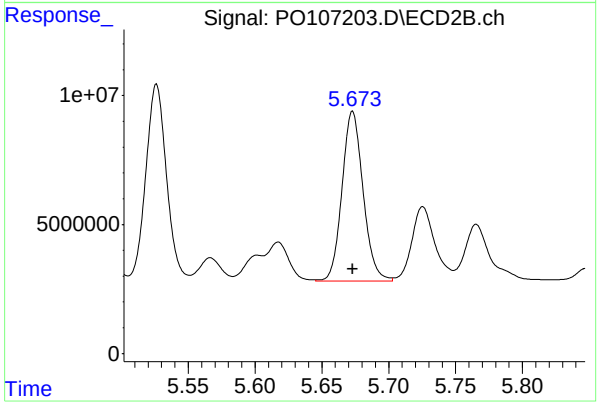
#26 AR-1254-1

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 82774166
Conc: 500.00 ng/ml



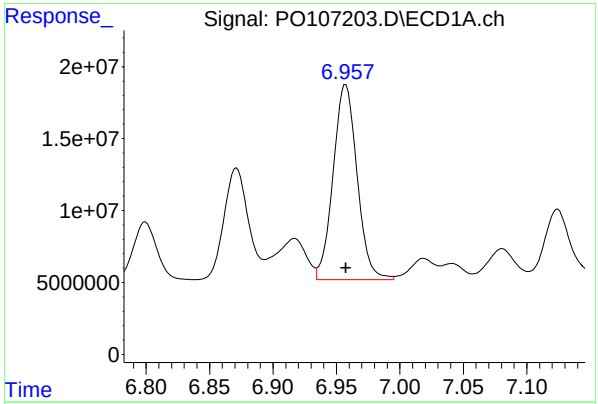
#27 AR-1254-2

R.T.: 6.593 min
Delta R.T.: 0.000 min
Response: 186515619
Conc: 500.00 ng/ml



#27 AR-1254-2

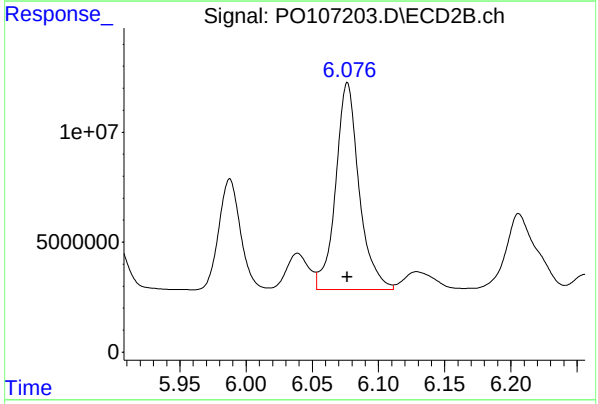
R.T.: 5.673 min
Delta R.T.: 0.000 min
Response: 72273461
Conc: 500.00 ng/ml



#28 AR-1254-3

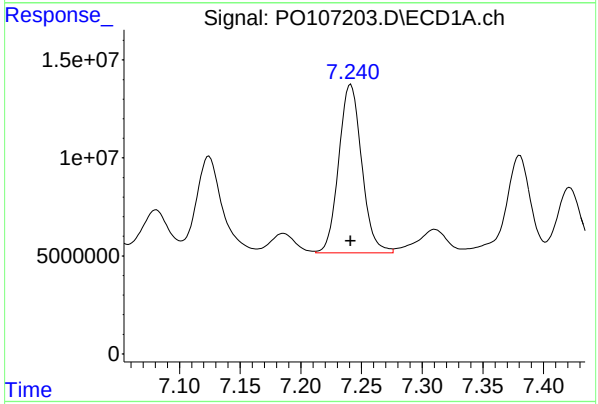
R.T.: 6.957 min
Delta R.T.: 0.000 min
Response: 177954653
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



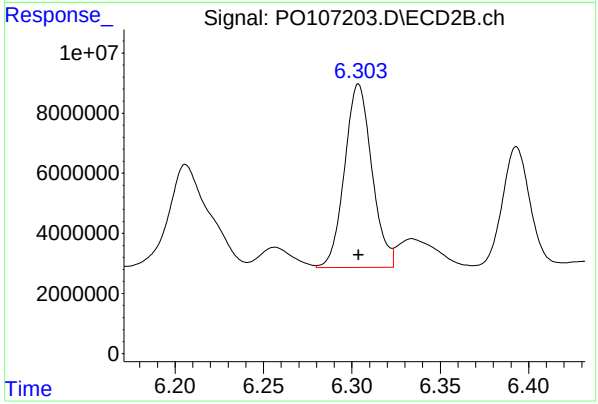
#28 AR-1254-3

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 116106703
Conc: 500.00 ng/ml



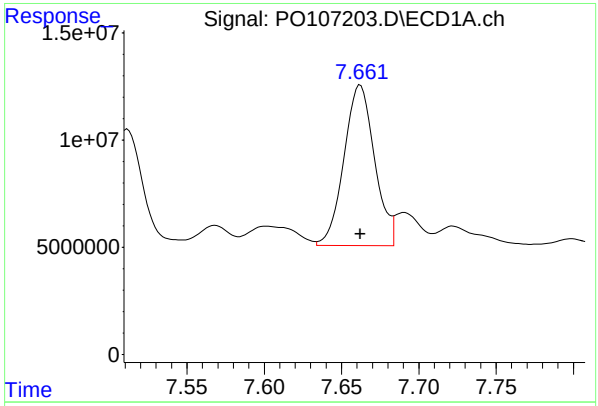
#29 AR-1254-4

R.T.: 7.241 min
Delta R.T.: 0.000 min
Response: 113593844
Conc: 500.00 ng/ml



#29 AR-1254-4

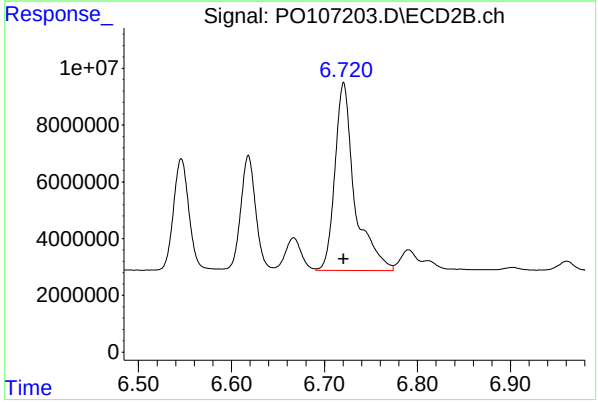
R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 65662675
Conc: 500.00 ng/ml



#30 AR-1254-5

R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 102934514
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



#30 AR-1254-5

R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 97689052
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107204.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2024 00:29
Operator : YP/AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 02:23:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 02:21:05 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.372	3.644	237.7E6	84055907	25.883	25.060
2)	SA Decachlor...	10.058	8.638	65039455	70920394	25.927	25.571
	Target Compounds						
26)	L6 AR-1254-1	6.374	5.527	71547490	42929426	269.998	259.317
27)	L6 AR-1254-2	6.593	5.674	100.3E6	37831493	268.904	261.725
28)	L6 AR-1254-3	6.956	6.078	94624615	59643812	265.867	256.849
29)	L6 AR-1254-4	7.241	6.305	60632555	33801761	266.883	257.389
30)	L6 AR-1254-5	7.662	6.721	55034918	50297216	267.330	257.435

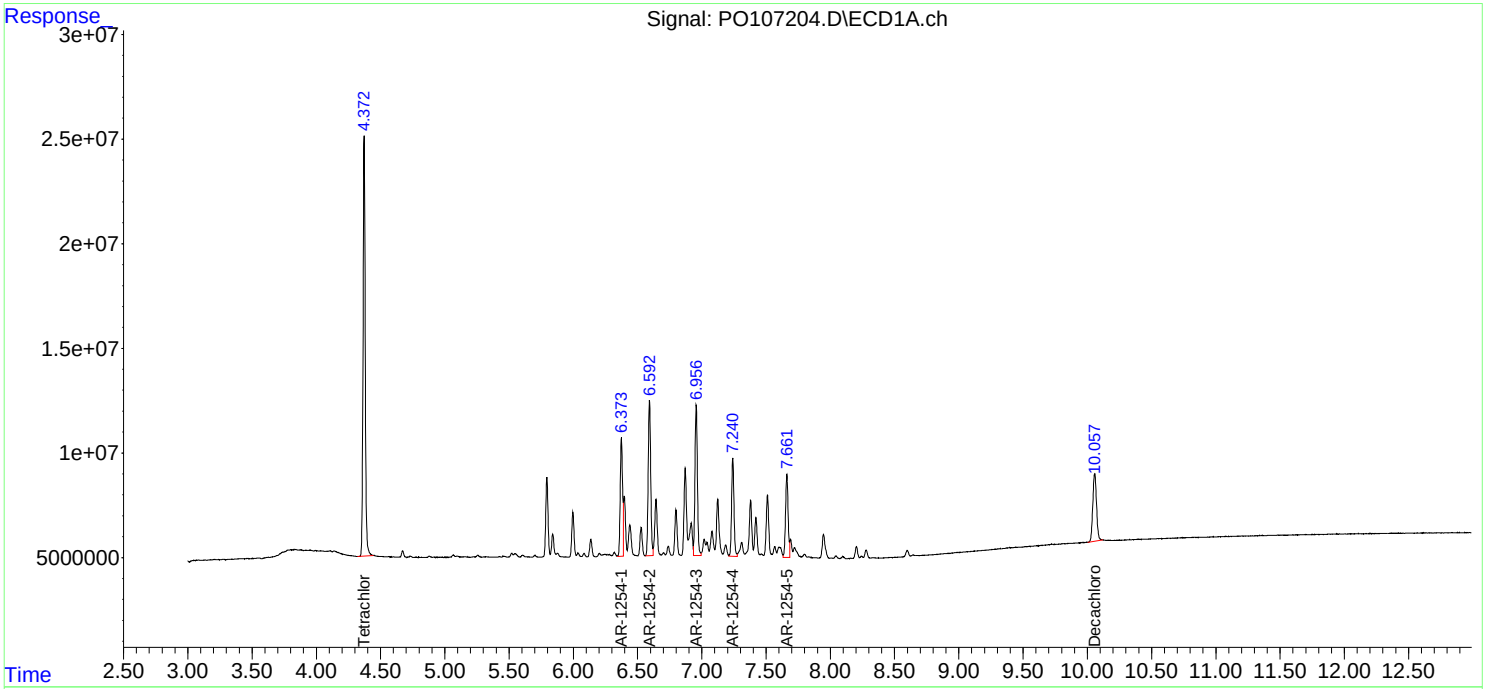
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

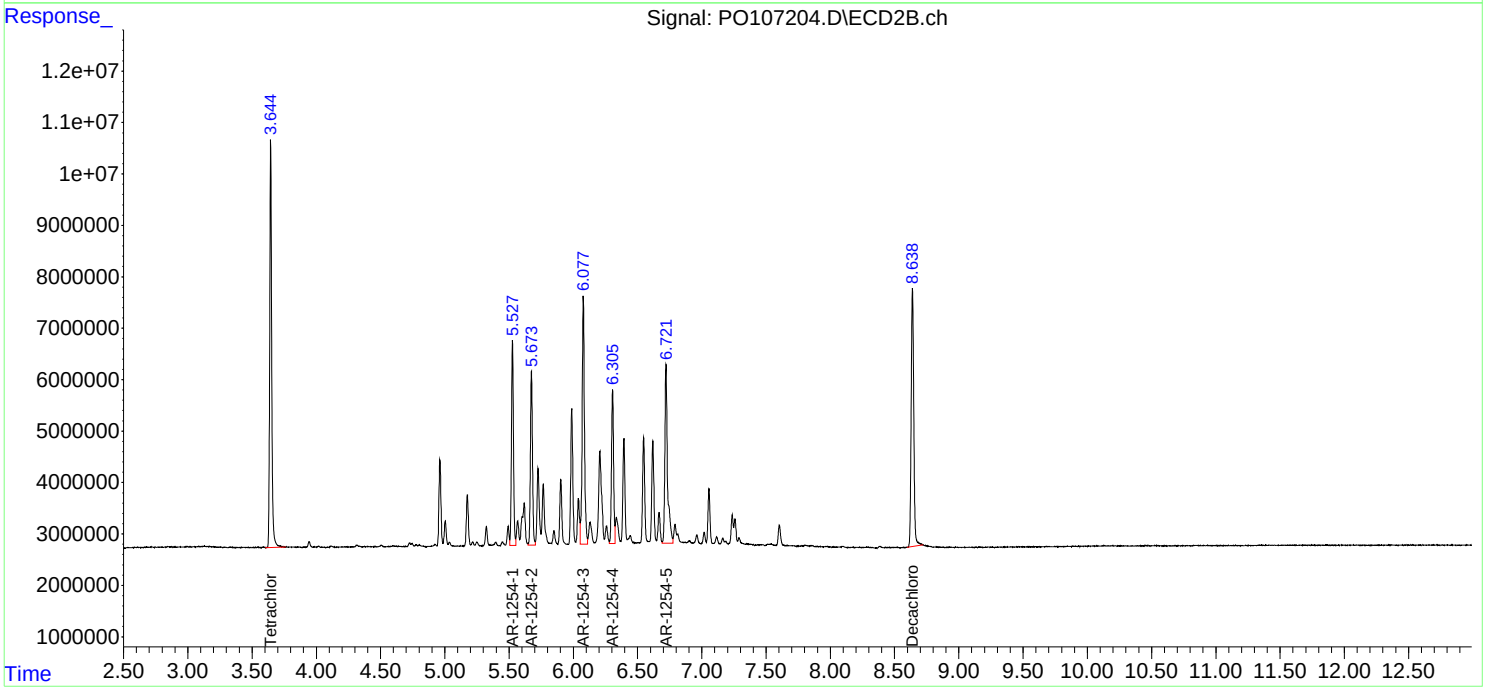
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107204.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2024 00:29
Operator : YP/AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

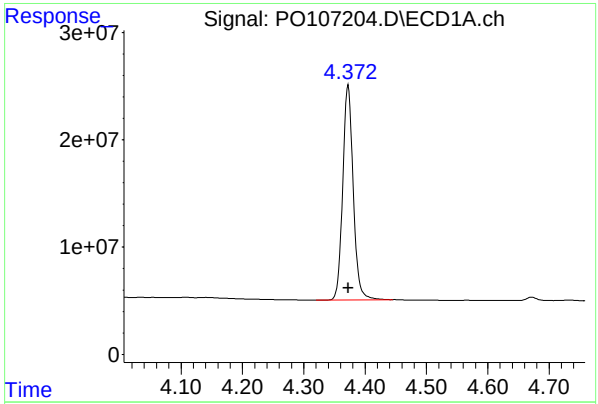
Instrument :
ECD_O
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 02:23:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 02:21:05 2024
Response via : Initial Calibration
Integrator: ChemStation

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



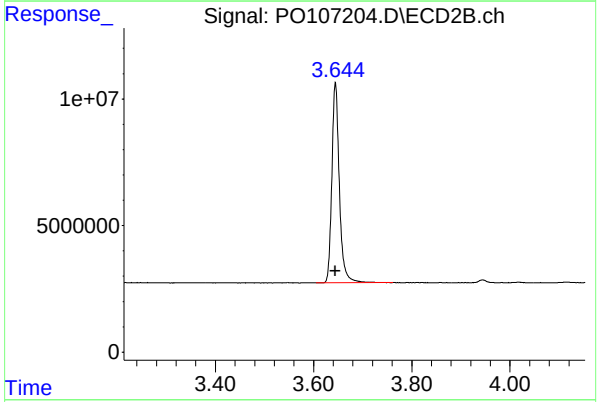




#1 Tetrachloro-m-xylene

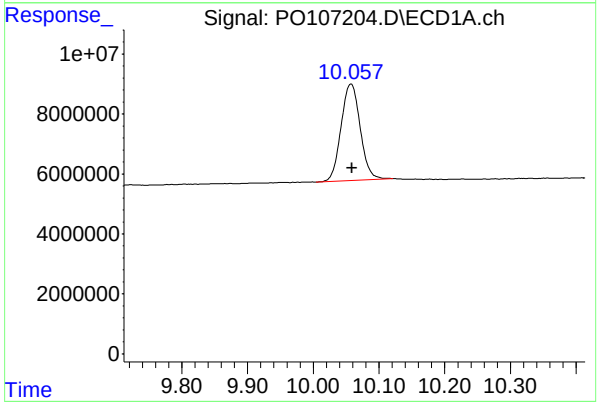
R.T.: 4.372 min
Delta R.T.: 0.000 min
Response: 237720712
Conc: 25.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



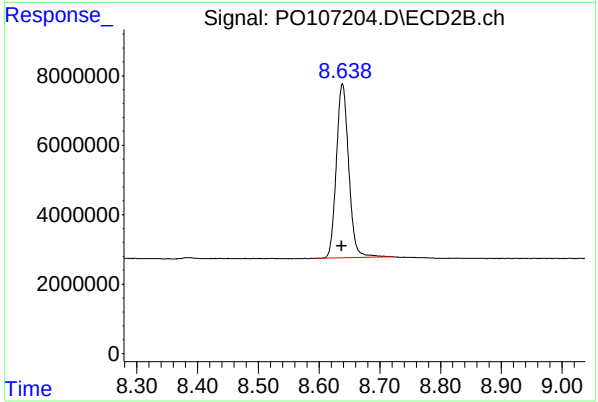
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 84055907
Conc: 25.06 ng/ml



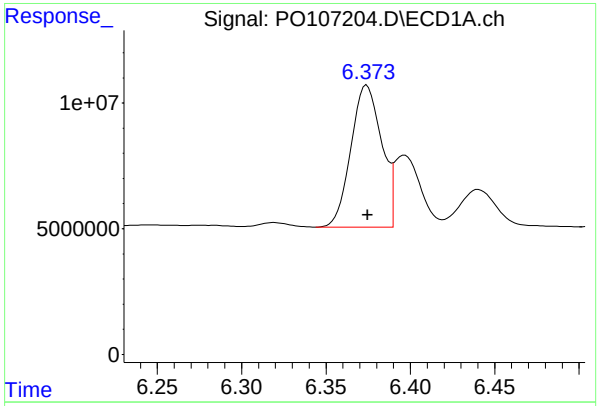
#2 Decachlorobiphenyl

R.T.: 10.058 min
Delta R.T.: 0.000 min
Response: 65039455
Conc: 25.93 ng/ml



#2 Decachlorobiphenyl

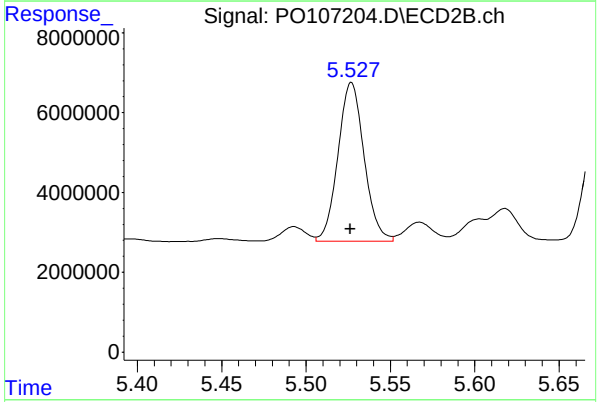
R.T.: 8.638 min
Delta R.T.: 0.001 min
Response: 70920394
Conc: 25.57 ng/ml



#26 AR-1254-1

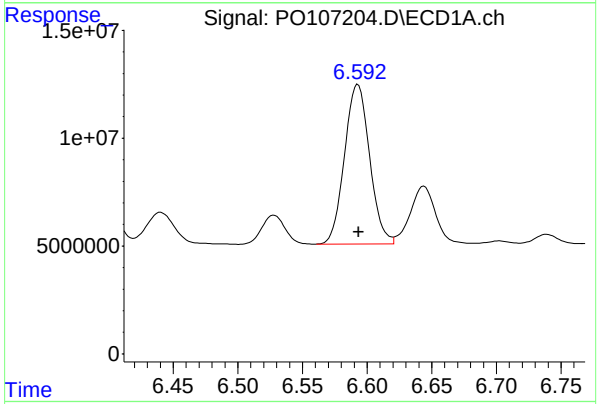
R.T.: 6.374 min
Delta R.T.: 0.000 min
Response: 71547490
Conc: 270.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



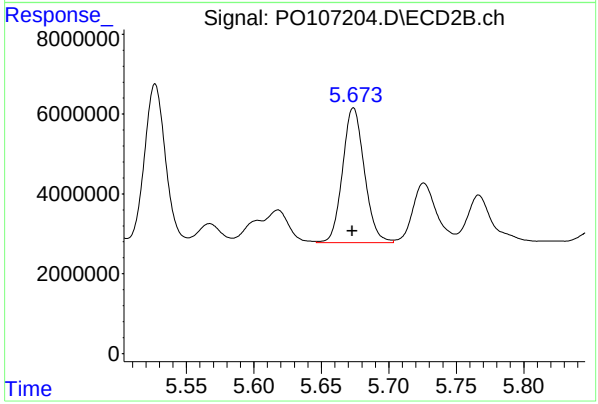
#26 AR-1254-1

R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 42929426
Conc: 259.32 ng/ml



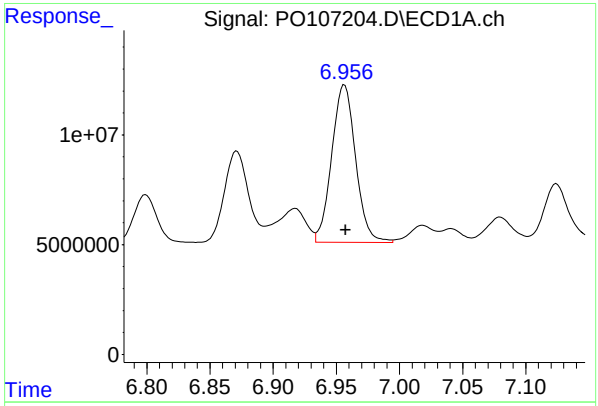
#27 AR-1254-2

R.T.: 6.593 min
Delta R.T.: 0.000 min
Response: 100309495
Conc: 268.90 ng/ml



#27 AR-1254-2

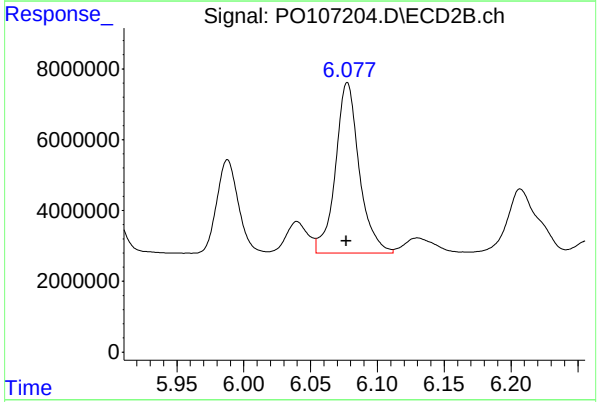
R.T.: 5.674 min
Delta R.T.: 0.000 min
Response: 37831493
Conc: 261.72 ng/ml



#28 AR-1254-3

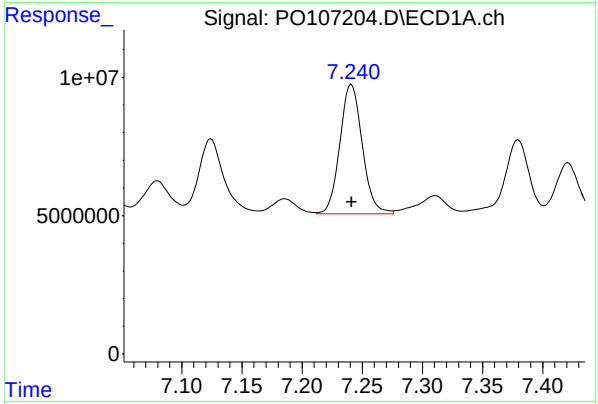
R.T.: 6.956 min
Delta R.T.: 0.000 min
Response: 94624615
Conc: 265.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



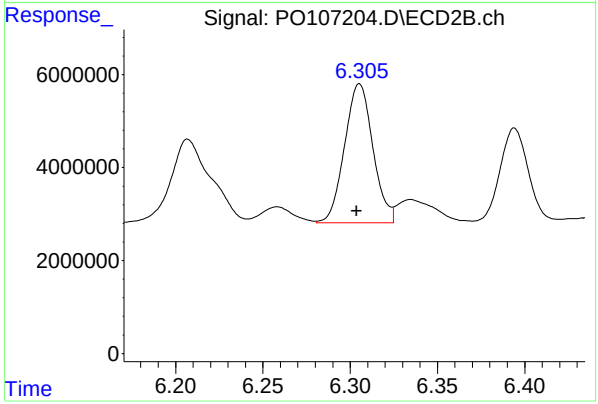
#28 AR-1254-3

R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 59643812
Conc: 256.85 ng/ml



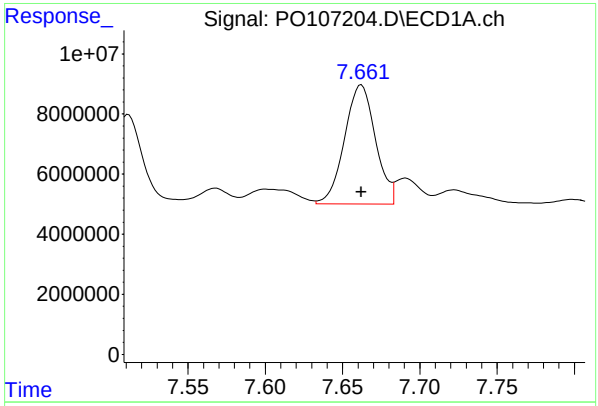
#29 AR-1254-4

R.T.: 7.241 min
Delta R.T.: 0.000 min
Response: 60632555
Conc: 266.88 ng/ml



#29 AR-1254-4

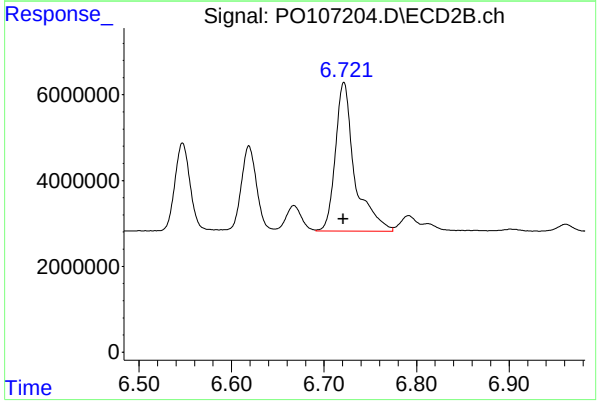
R.T.: 6.305 min
Delta R.T.: 0.002 min
Response: 33801761
Conc: 257.39 ng/ml



#30 AR-1254-5

R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 55034918
Conc: 267.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



#30 AR-1254-5

R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 50297216
Conc: 257.44 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107205.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2024 00:47
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 02:23:36 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 02:21:05 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.373	3.645	43957547	14653198	4.786	4.369
2)	SA Decachlor...	10.057	8.638	11796837	12993699	4.703	4.685
	Target Compounds						
26)	L6 AR-1254-1	6.375	5.527	14457853	8148243	54.560	49.220
27)	L6 AR-1254-2	6.593	5.674	20149788	7410157	54.016	51.265
28)	L6 AR-1254-3	6.956	6.077	18631522	10943354	52.349	47.126
29)	L6 AR-1254-4	7.241	6.304	12202348	6104594	53.710	46.485
30)	L6 AR-1254-5	7.662	6.721	10827332	8581830	52.593	43.924

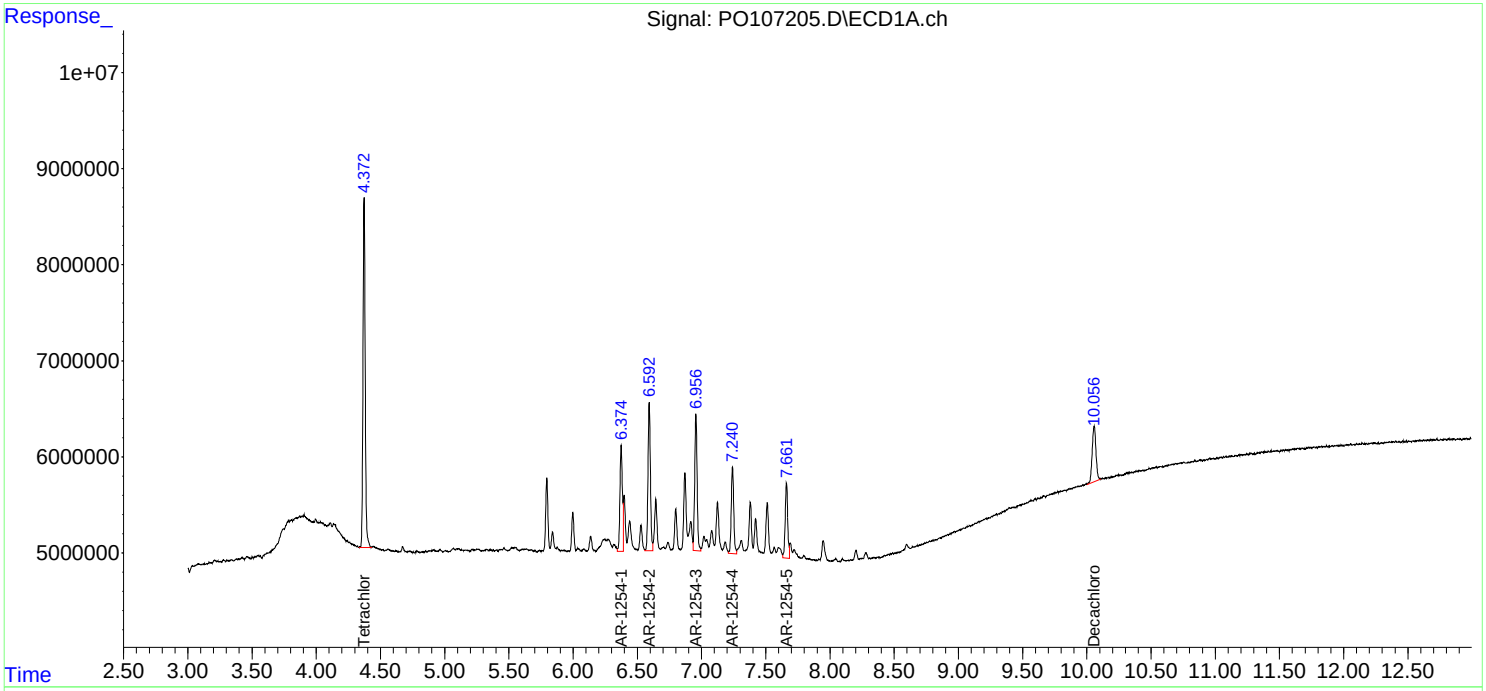
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

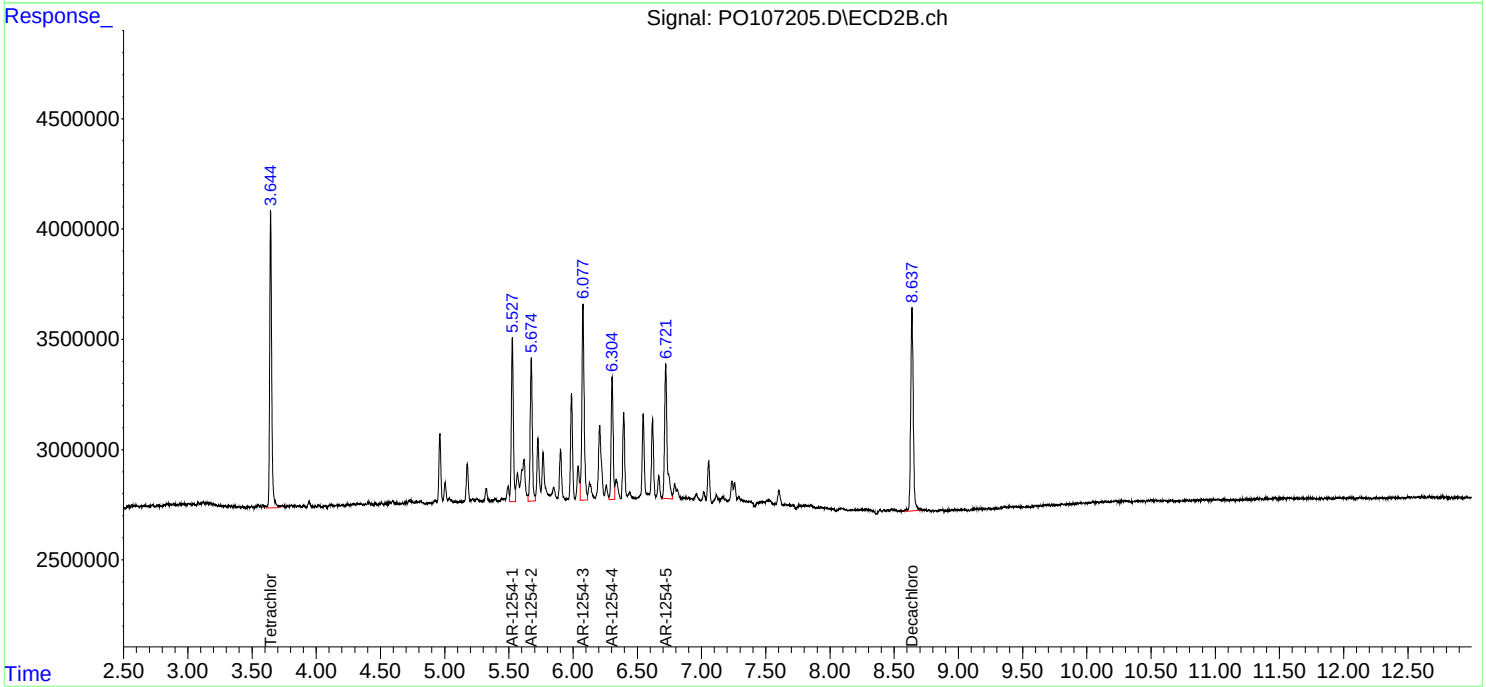
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107205.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2024 00:47
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

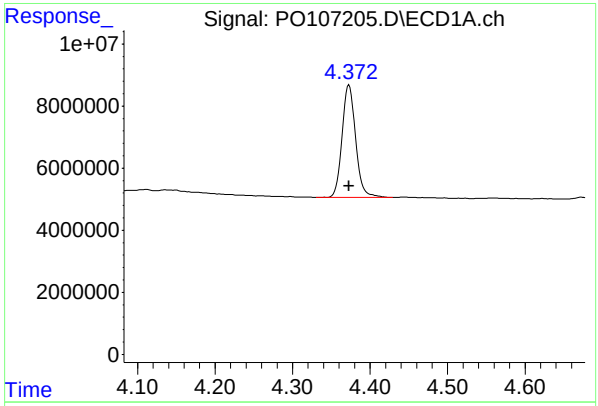
Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 02:23:36 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 02:21:05 2024
Response via : Initial Calibration
Integrator: ChemStation

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



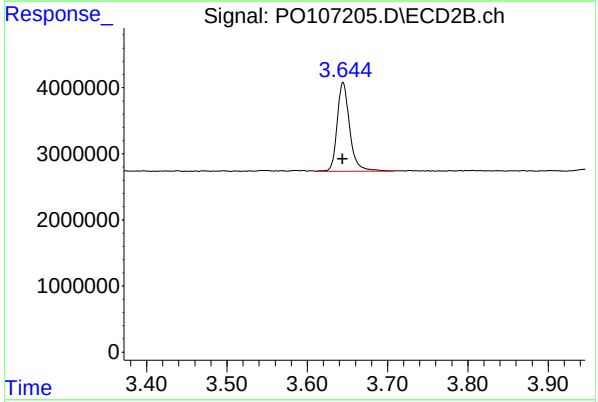




#1 Tetrachloro-m-xylene

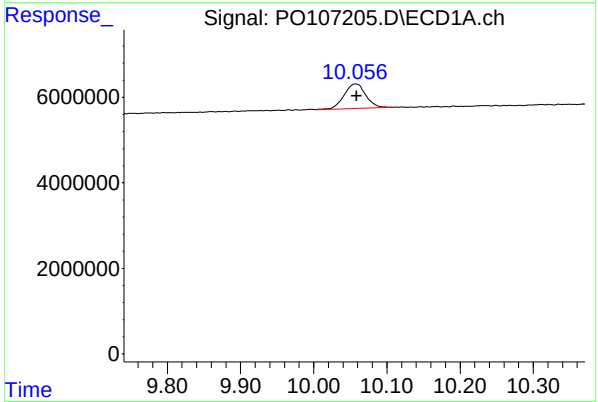
R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 43957547
Conc: 4.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050



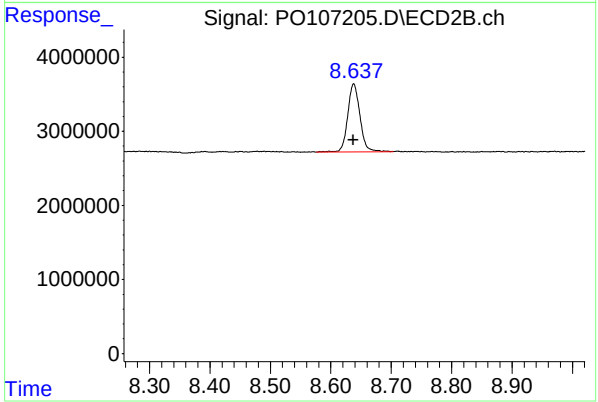
#1 Tetrachloro-m-xylene

R.T.: 3.645 min
Delta R.T.: 0.000 min
Response: 14653198
Conc: 4.37 ng/ml



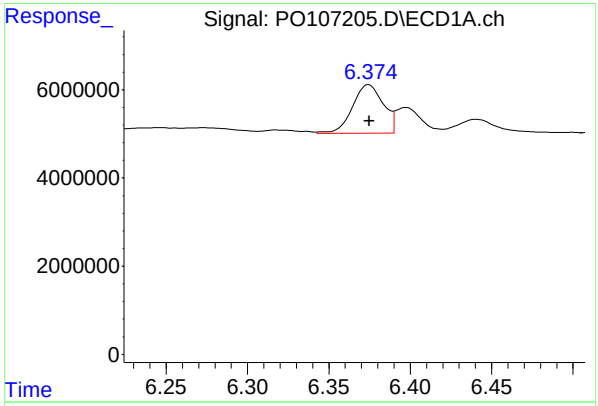
#2 Decachlorobiphenyl

R.T.: 10.057 min
Delta R.T.: -0.001 min
Response: 11796837
Conc: 4.70 ng/ml



#2 Decachlorobiphenyl

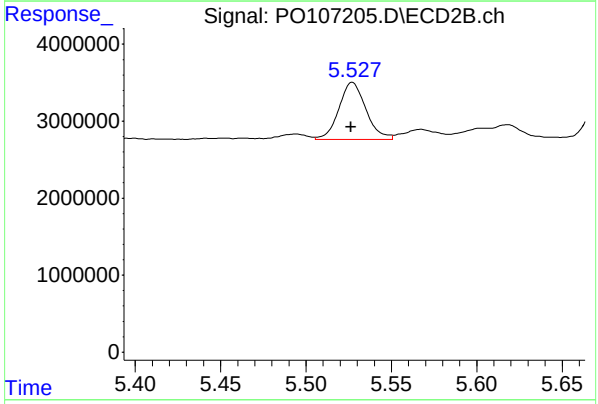
R.T.: 8.638 min
Delta R.T.: 0.000 min
Response: 12993699
Conc: 4.69 ng/ml



#26 AR-1254-1

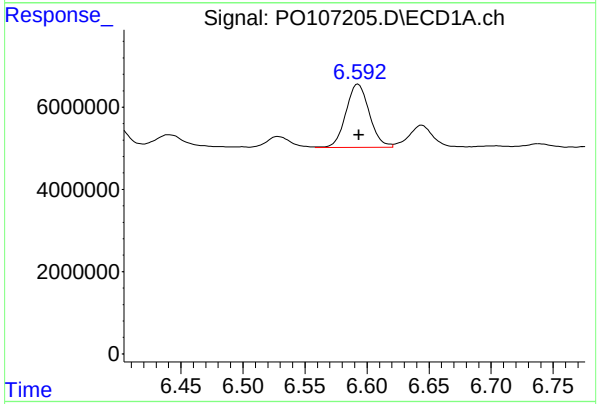
R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 14457853
Conc: 54.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050



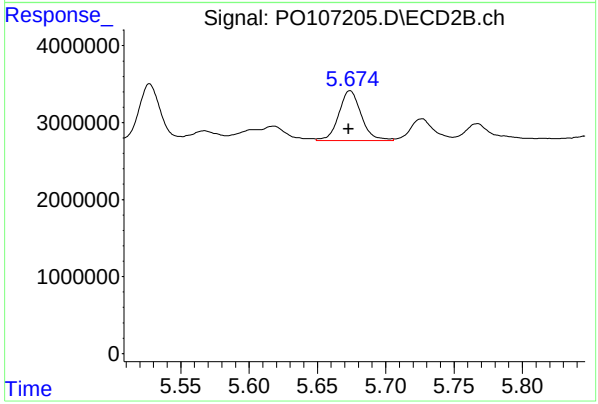
#26 AR-1254-1

R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 8148243
Conc: 49.22 ng/ml



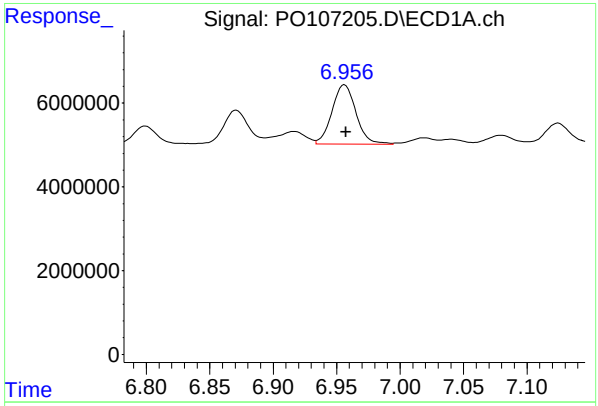
#27 AR-1254-2

R.T.: 6.593 min
Delta R.T.: 0.000 min
Response: 20149788
Conc: 54.02 ng/ml



#27 AR-1254-2

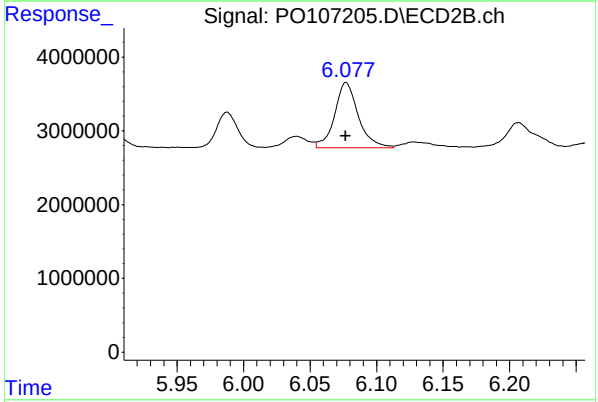
R.T.: 5.674 min
Delta R.T.: 0.000 min
Response: 7410157
Conc: 51.26 ng/ml



#28 AR-1254-3

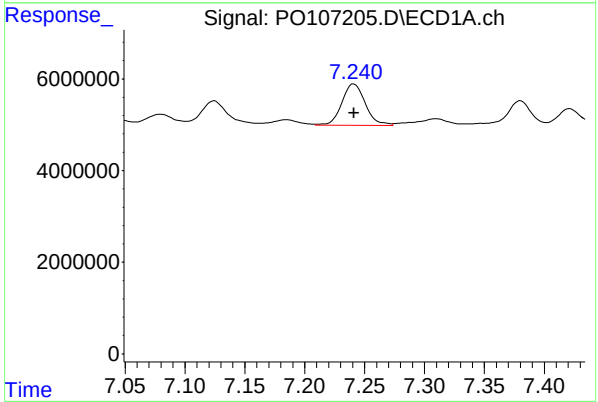
R.T.: 6.956 min
Delta R.T.: -0.001 min
Response: 18631522
Conc: 52.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050



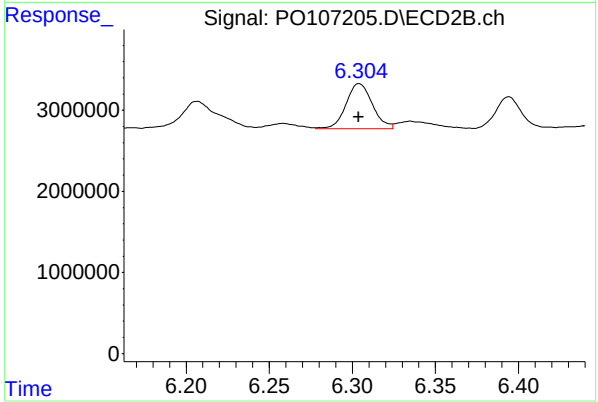
#28 AR-1254-3

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 10943354
Conc: 47.13 ng/ml



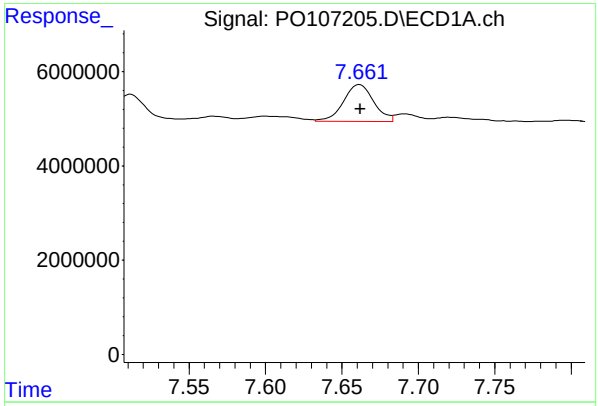
#29 AR-1254-4

R.T.: 7.241 min
Delta R.T.: 0.000 min
Response: 12202348
Conc: 53.71 ng/ml



#29 AR-1254-4

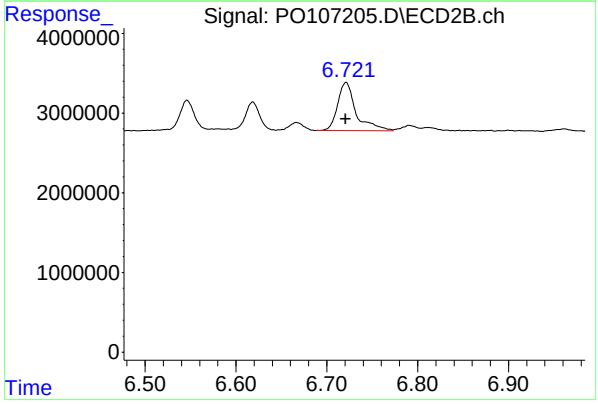
R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 6104594
Conc: 46.48 ng/ml



#30 AR-1254-5

R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 10827332
Conc: 52.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050



#30 AR-1254-5

R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 8581830
Conc: 43.92 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107206.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2024 01:05
Operator : YP/AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 02:32:20 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 02:31:54 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.372	3.644	446.6E6	163.0E6	50.000	50.000
2)	SA Decachlor...	10.059	8.638	123.1E6	135.8E6	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	7.742	6.759	122.8E6	106.4E6	500.000	500.000
37)	L8 AR-1262-2	8.279	7.258	154.7E6	181.7E6	500.000	500.000
38)	L8 AR-1262-3	8.592	7.541	104.6E6	68691960	500.000	500.000
39)	L8 AR-1262-4	8.677	7.605	81533074	132.3E6	500.000	500.000
40)	L8 AR-1262-5	9.315	8.096	51381891	56416259	500.000	500.000

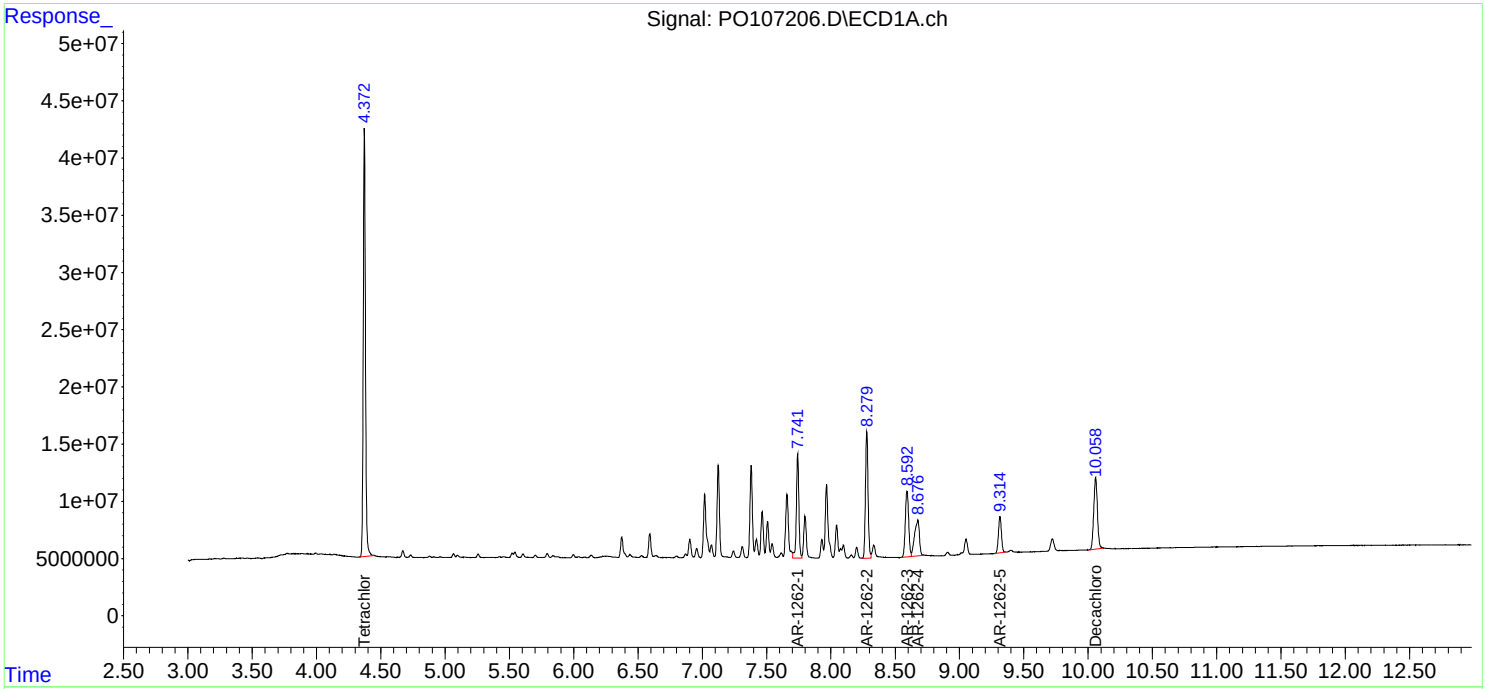
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

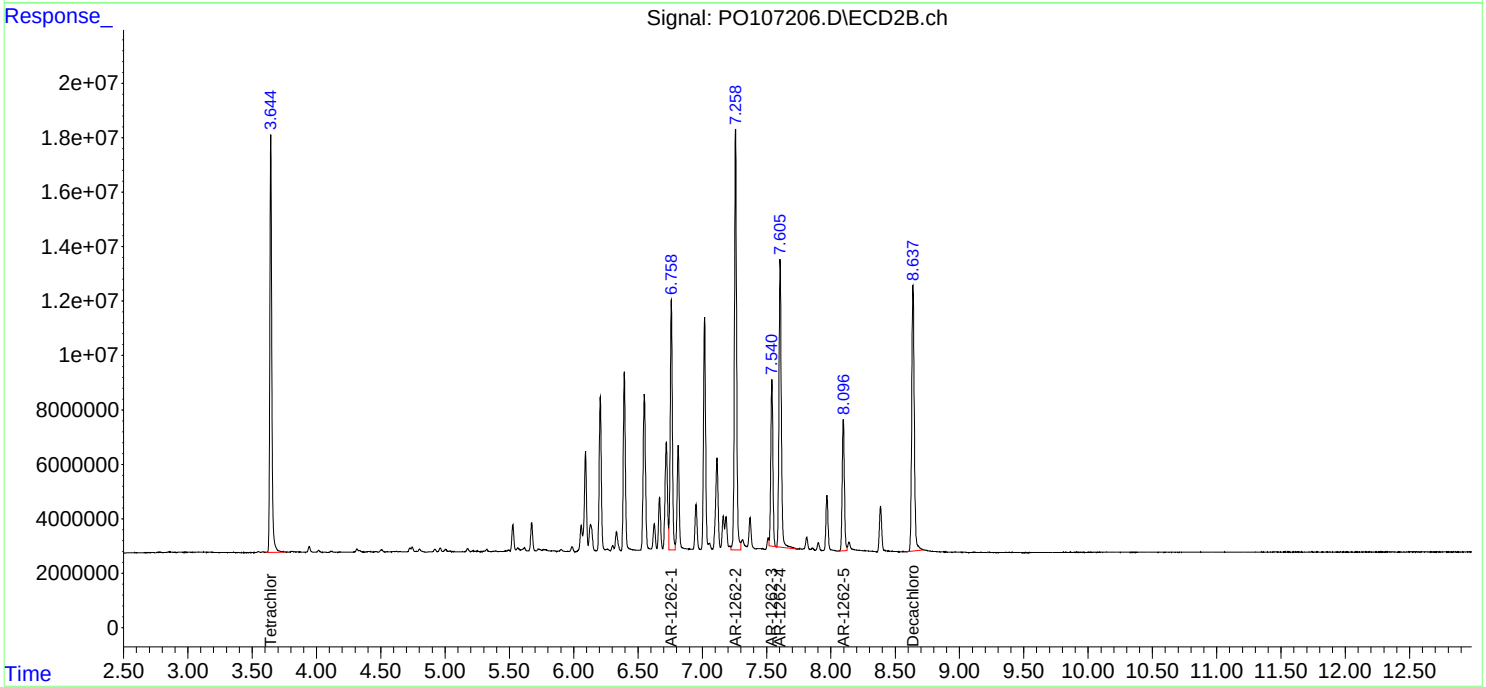
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107206.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2024 01:05
Operator : YP/AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

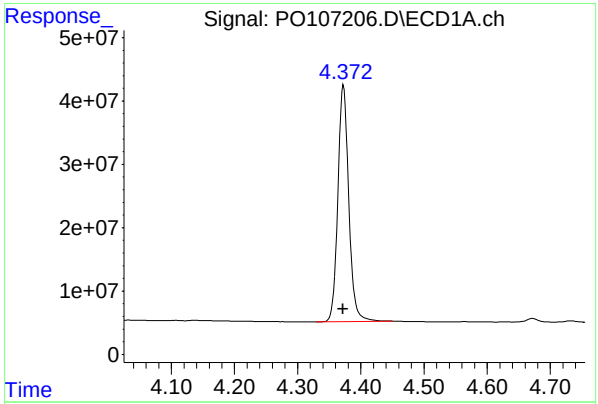
Instrument :
ECD_O
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 02:32:20 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 02:31:54 2024
Response via : Initial Calibration
Integrator: ChemStation

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



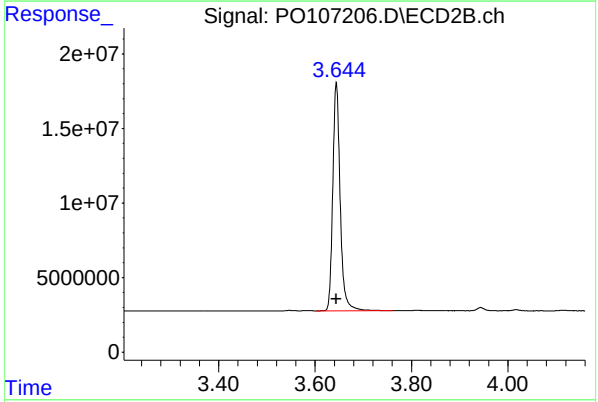




#1 Tetrachloro-m-xylene

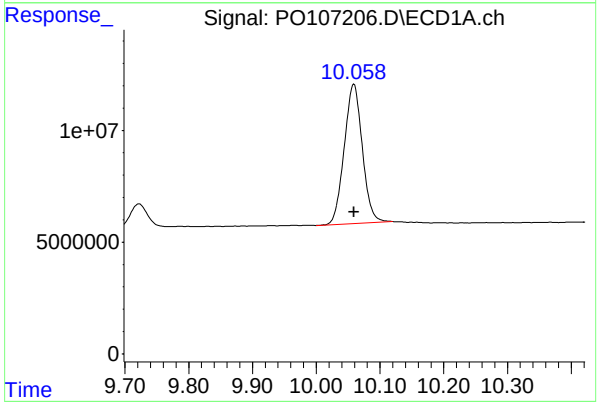
R.T.: 4.372 min
Delta R.T.: 0.000 min
Response: 446564970
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



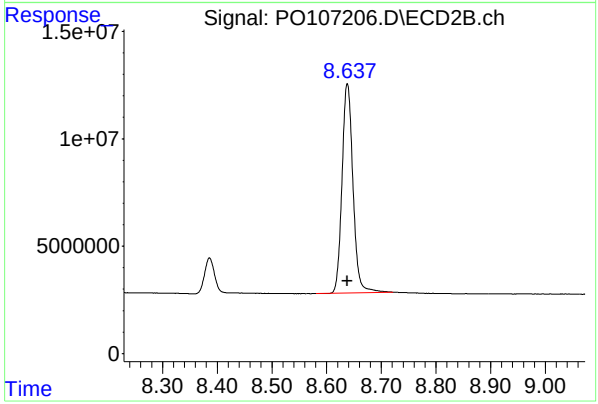
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 162970994
Conc: 50.00 ng/ml



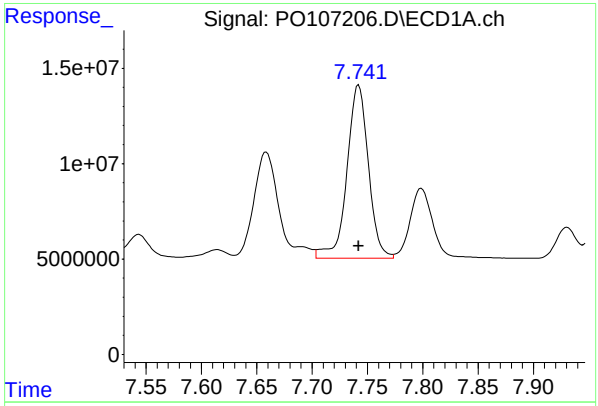
#2 Decachlorobiphenyl

R.T.: 10.059 min
Delta R.T.: 0.000 min
Response: 123083673
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

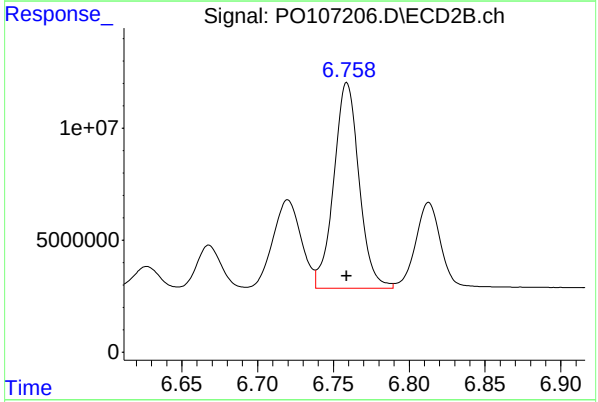
R.T.: 8.638 min
Delta R.T.: 0.000 min
Response: 135774675
Conc: 50.00 ng/ml



#36 AR-1262-1

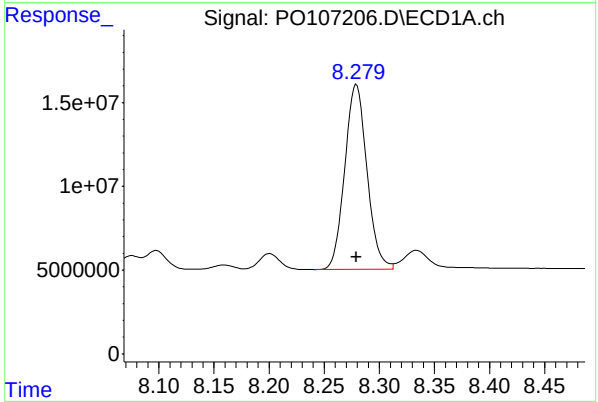
R.T.: 7.742 min
Delta R.T.: 0.000 min
Response: 122774056
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



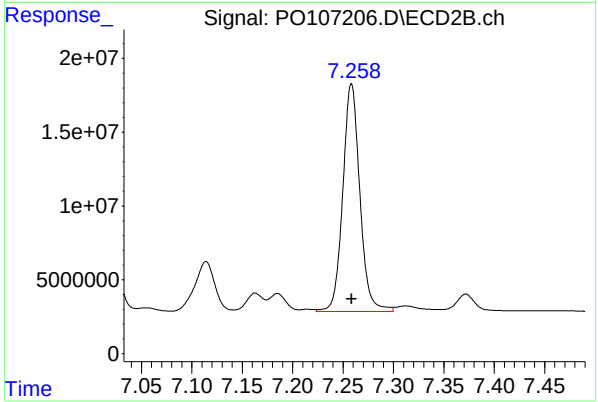
#36 AR-1262-1

R.T.: 6.759 min
Delta R.T.: 0.000 min
Response: 106438453
Conc: 500.00 ng/ml



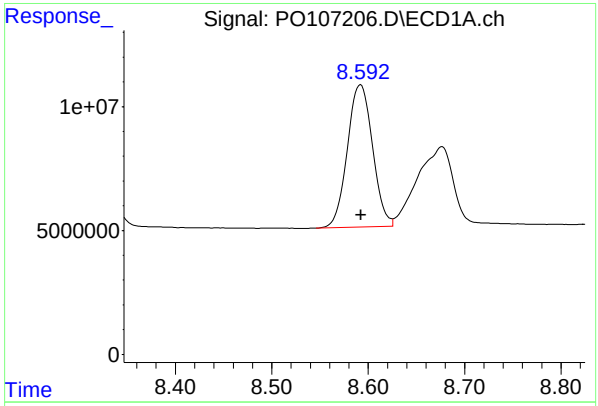
#37 AR-1262-2

R.T.: 8.279 min
Delta R.T.: 0.000 min
Response: 154709728
Conc: 500.00 ng/ml



#37 AR-1262-2

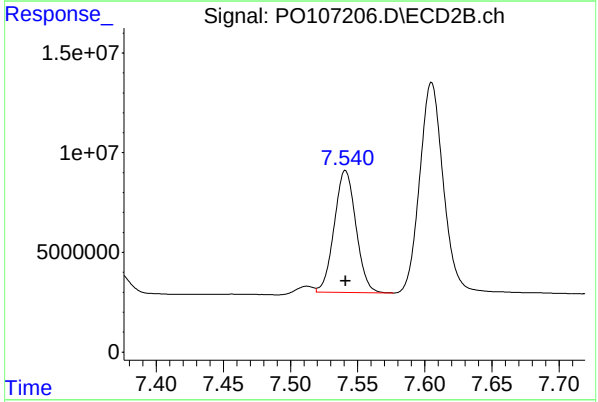
R.T.: 7.258 min
Delta R.T.: 0.000 min
Response: 181666310
Conc: 500.00 ng/ml



#38 AR-1262-3

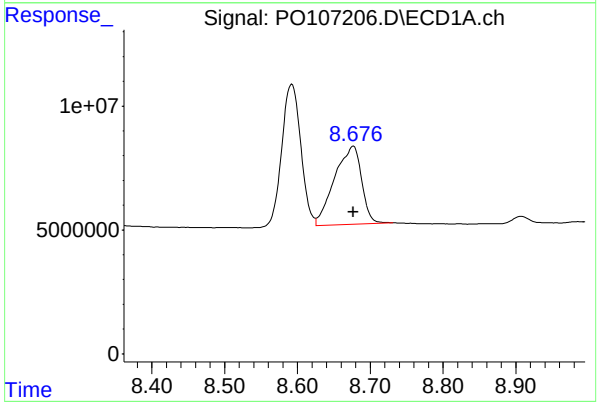
R.T.: 8.592 min
Delta R.T.: 0.000 min
Response: 104598174
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



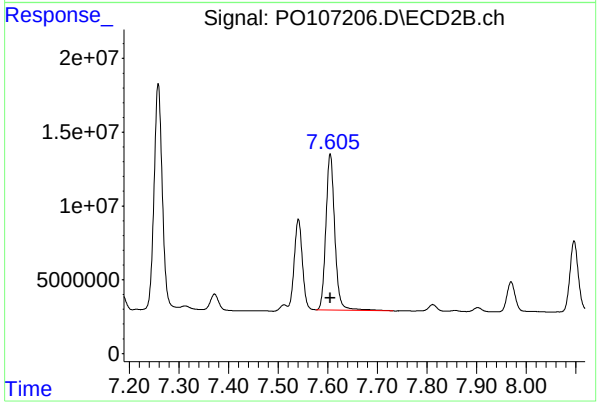
#38 AR-1262-3

R.T.: 7.541 min
Delta R.T.: 0.000 min
Response: 68691960
Conc: 500.00 ng/ml



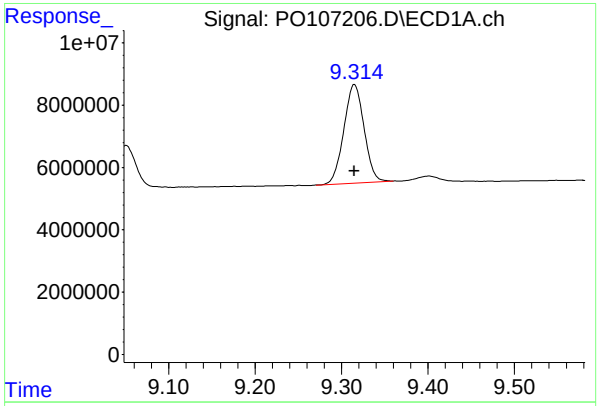
#39 AR-1262-4

R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 81533074
Conc: 500.00 ng/ml



#39 AR-1262-4

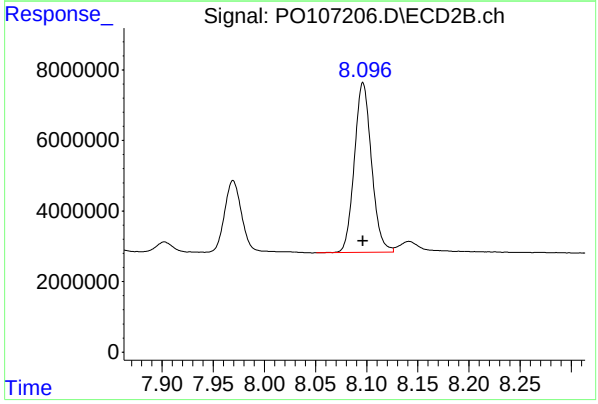
R.T.: 7.605 min
Delta R.T.: 0.000 min
Response: 132286878
Conc: 500.00 ng/ml



#40 AR-1262-5

R.T.: 9.315 min
Delta R.T.: 0.000 min
Response: 51381891
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



#40 AR-1262-5

R.T.: 8.096 min
Delta R.T.: 0.000 min
Response: 56416259
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107207.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2024 01:23
Operator : YP/AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 02:40:02 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 02:38:17 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.373	3.645	914.0E6	344.0E6	98.153	100.708
2)	SA Decachlor...	10.057	8.639	407.4E6	487.4E6	96.045	101.044
	Target Compounds						
41)	L9 AR-1268-1	8.587	7.541	351.9E6	419.2E6	965.004	1012.873
42)	L9 AR-1268-2	8.679	7.606	313.1E6	389.7E6	963.780	1016.048
43)	L9 AR-1268-3	8.907	7.812	272.2E6	345.3E6	963.260	1016.931
44)	L9 AR-1268-4	9.313	8.097	112.2E6	129.1E6	978.396	1014.319
45)	L9 AR-1268-5	9.721	8.386	836.7E6	1049.2E6	987.735	1031.617

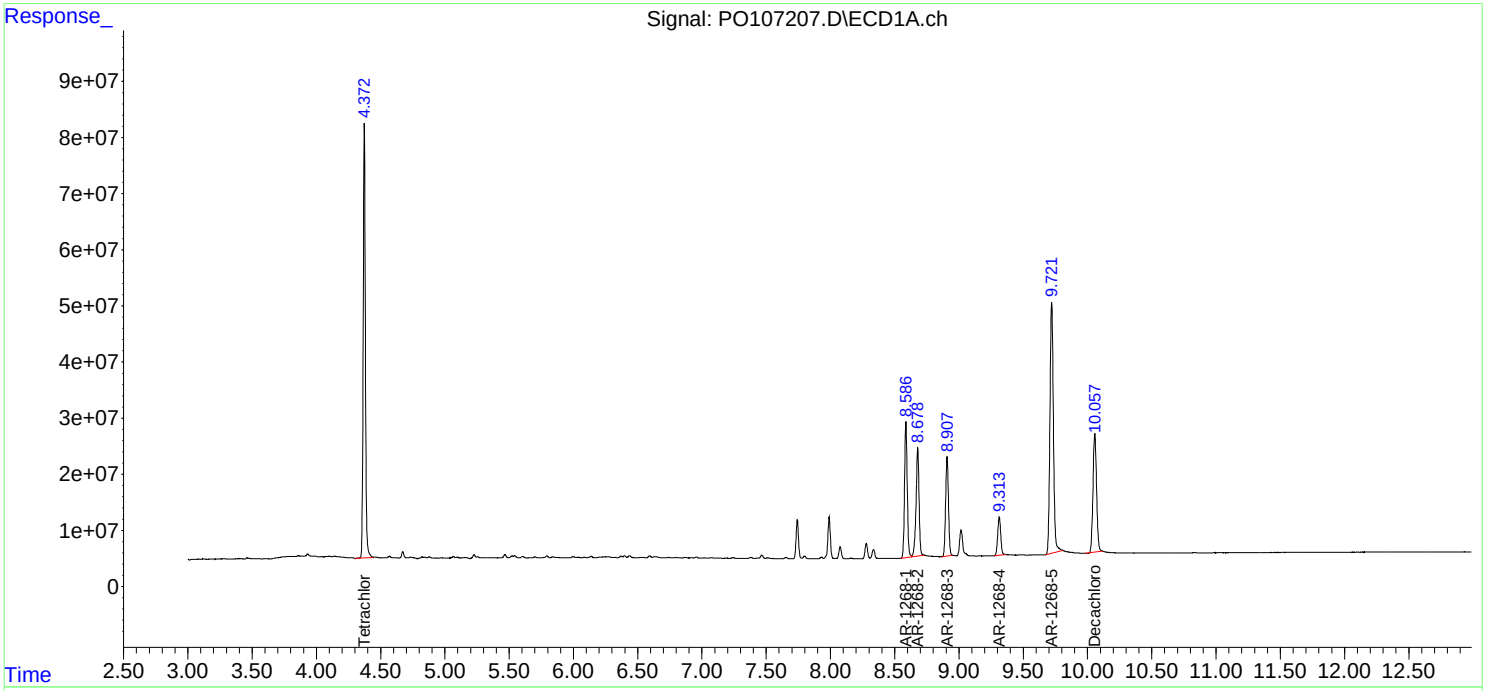
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

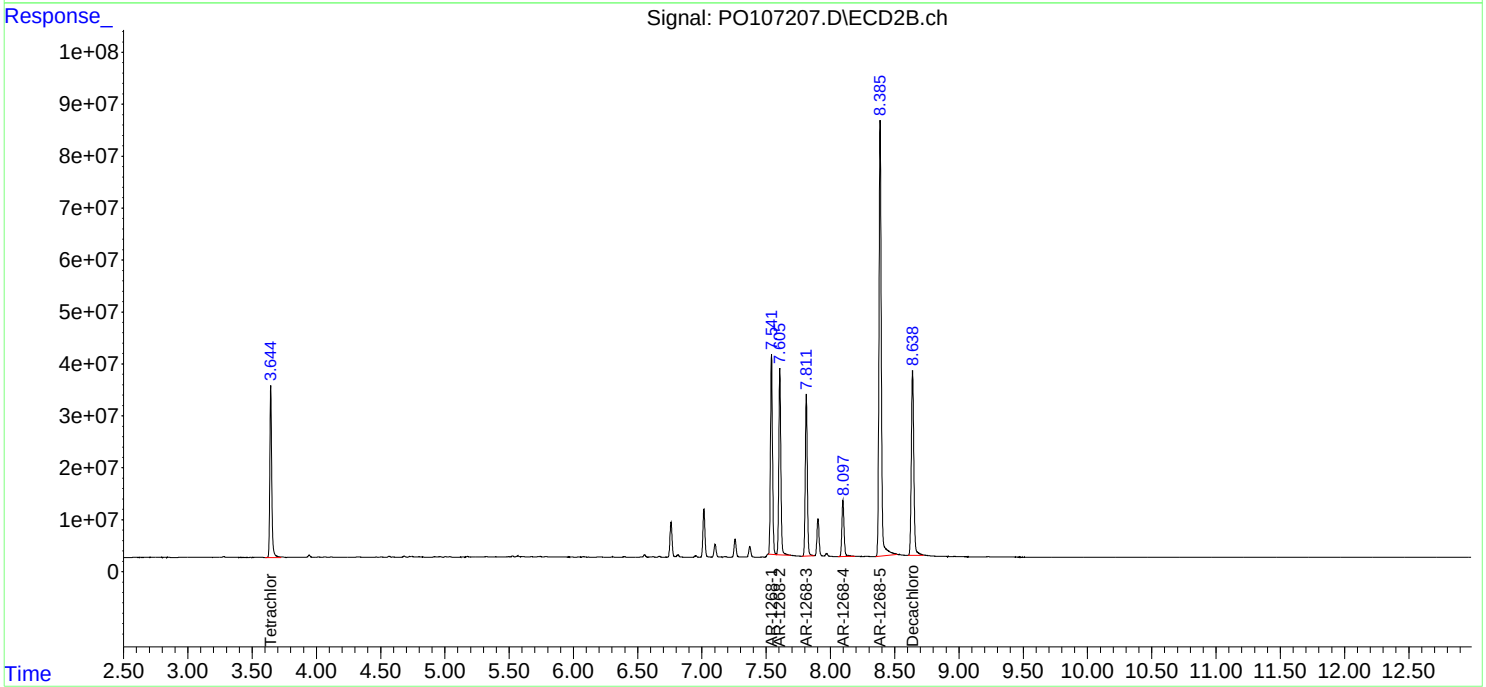
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107207.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2024 01:23
Operator : YP/AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

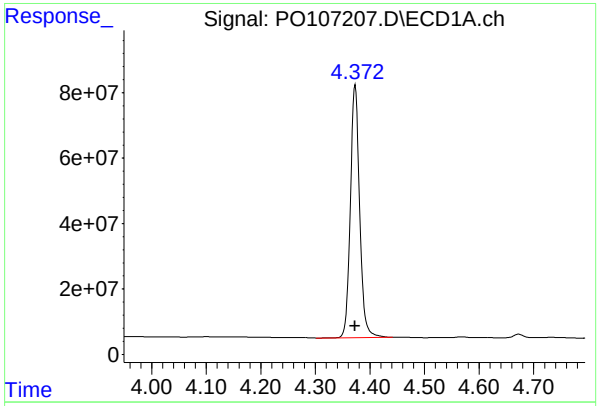
Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 02:40:02 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 02:38:17 2024
Response via : Initial Calibration
Integrator: ChemStation

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



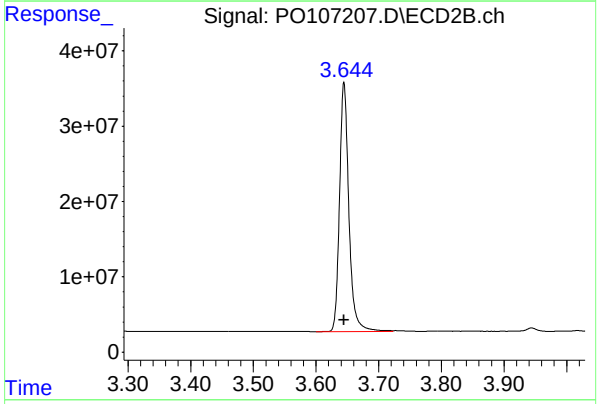




#1 Tetrachloro-m-xylene

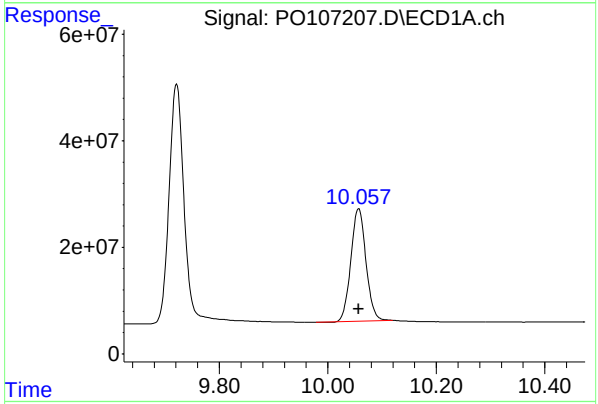
R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 913960146
Conc: 98.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



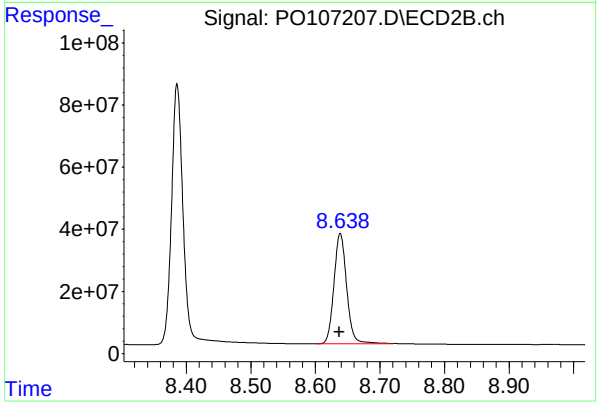
#1 Tetrachloro-m-xylene

R.T.: 3.645 min
Delta R.T.: 0.000 min
Response: 344028663
Conc: 100.71 ng/ml



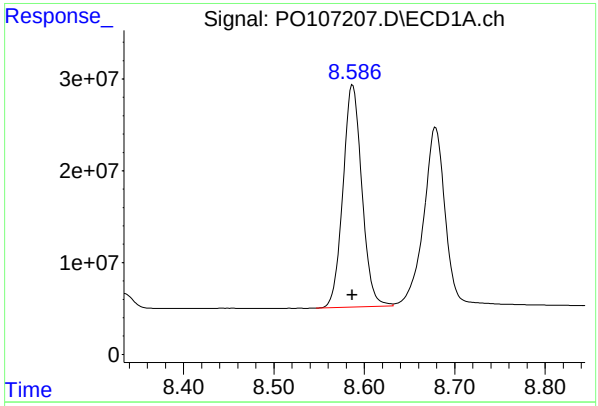
#2 Decachlorobiphenyl

R.T.: 10.057 min
Delta R.T.: 0.000 min
Response: 407419059
Conc: 96.05 ng/ml



#2 Decachlorobiphenyl

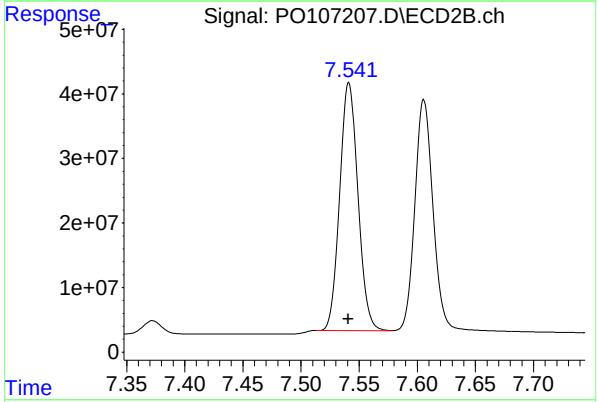
R.T.: 8.639 min
Delta R.T.: 0.001 min
Response: 487388979
Conc: 101.04 ng/ml



#41 AR-1268-1

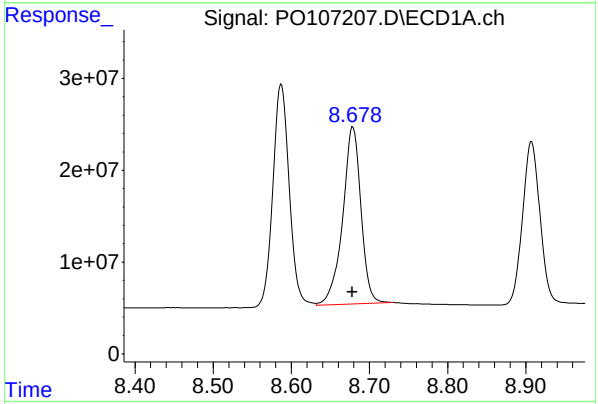
R.T.: 8.587 min
Delta R.T.: 0.000 min
Response: 351862425
Conc: 965.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



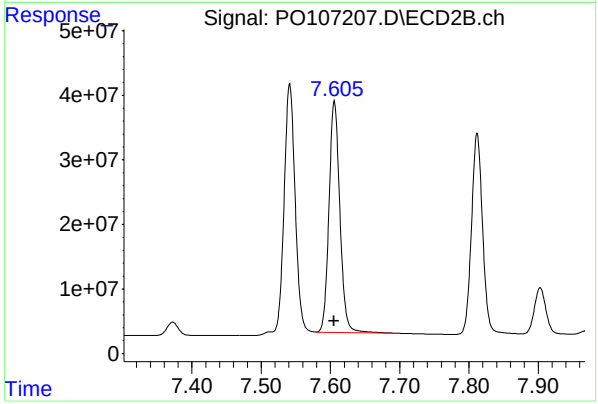
#41 AR-1268-1

R.T.: 7.541 min
Delta R.T.: 0.000 min
Response: 419191400
Conc: 1012.87 ng/ml



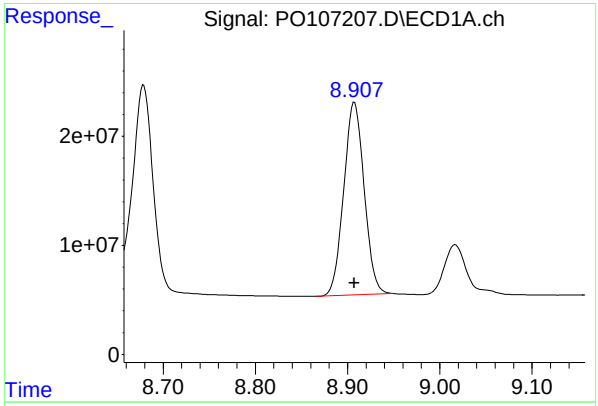
#42 AR-1268-2

R.T.: 8.679 min
Delta R.T.: 0.000 min
Response: 313096403
Conc: 963.78 ng/ml



#42 AR-1268-2

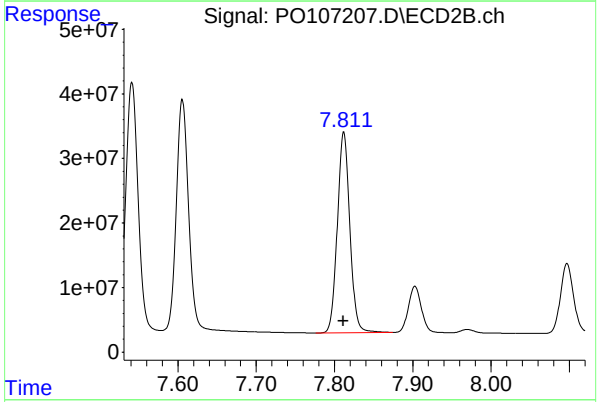
R.T.: 7.606 min
Delta R.T.: 0.000 min
Response: 389672996
Conc: 1016.05 ng/ml



#43 AR-1268-3

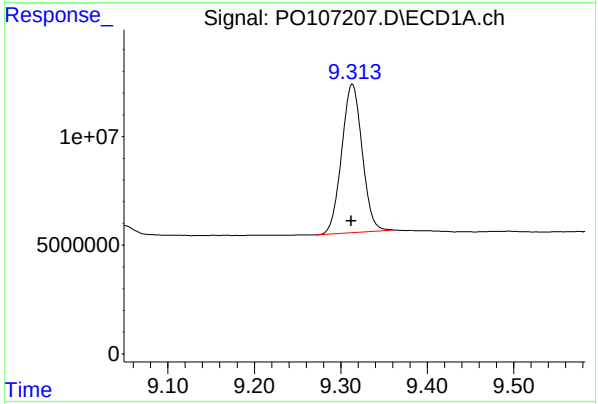
R.T.: 8.907 min
Delta R.T.: 0.000 min
Response: 272236453
Conc: 963.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



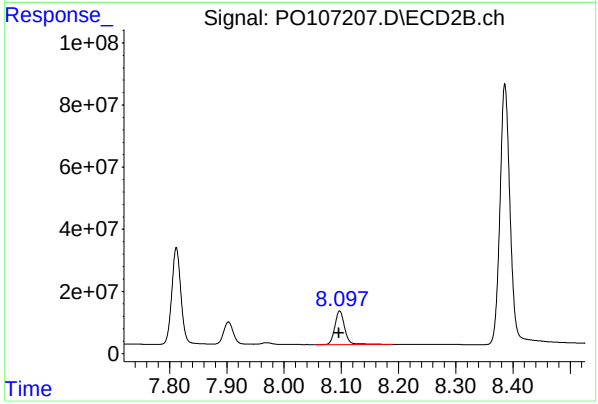
#43 AR-1268-3

R.T.: 7.812 min
Delta R.T.: 0.000 min
Response: 345284332
Conc: 1016.93 ng/ml



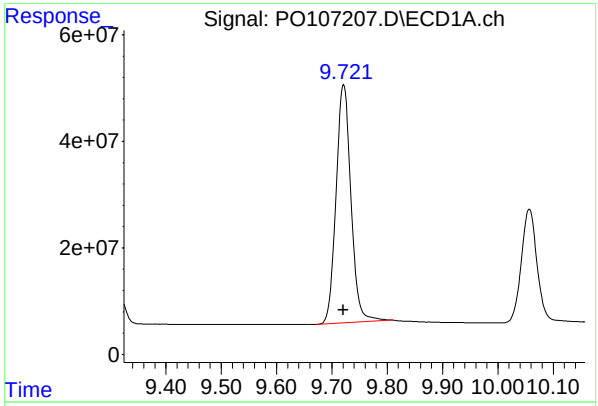
#44 AR-1268-4

R.T.: 9.313 min
Delta R.T.: 0.001 min
Response: 112236308
Conc: 978.40 ng/ml



#44 AR-1268-4

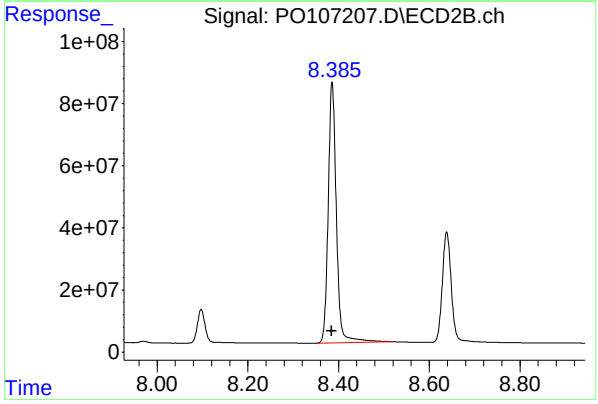
R.T.: 8.097 min
Delta R.T.: 0.000 min
Response: 129107993
Conc: 1014.32 ng/ml



#45 AR-1268-5

R.T.: 9.721 min
Delta R.T.: 0.000 min
Response: 836674479
Conc: 987.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



#45 AR-1268-5

R.T.: 8.386 min
Delta R.T.: 0.000 min
Response: 1049237500
Conc: 1031.62 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107208.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2024 01:41
Operator : YP/AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 02:40:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 02:38:17 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.373	3.644	670.2E6	249.7E6	71.974	73.105
2)	SA Decachlor...	10.058	8.638	310.2E6	355.5E6	73.131	73.693
	Target Compounds						
41)	L9 AR-1268-1	8.587	7.541	264.3E6	307.5E6	724.887	742.983
42)	L9 AR-1268-2	8.678	7.605	235.9E6	285.1E6	726.056	743.309
43)	L9 AR-1268-3	8.908	7.812	204.6E6	253.4E6	723.835	746.228
44)	L9 AR-1268-4	9.312	8.096	83445833	95583754	727.421	750.941
45)	L9 AR-1268-5	9.722	8.386	624.8E6	764.5E6	737.635	751.645

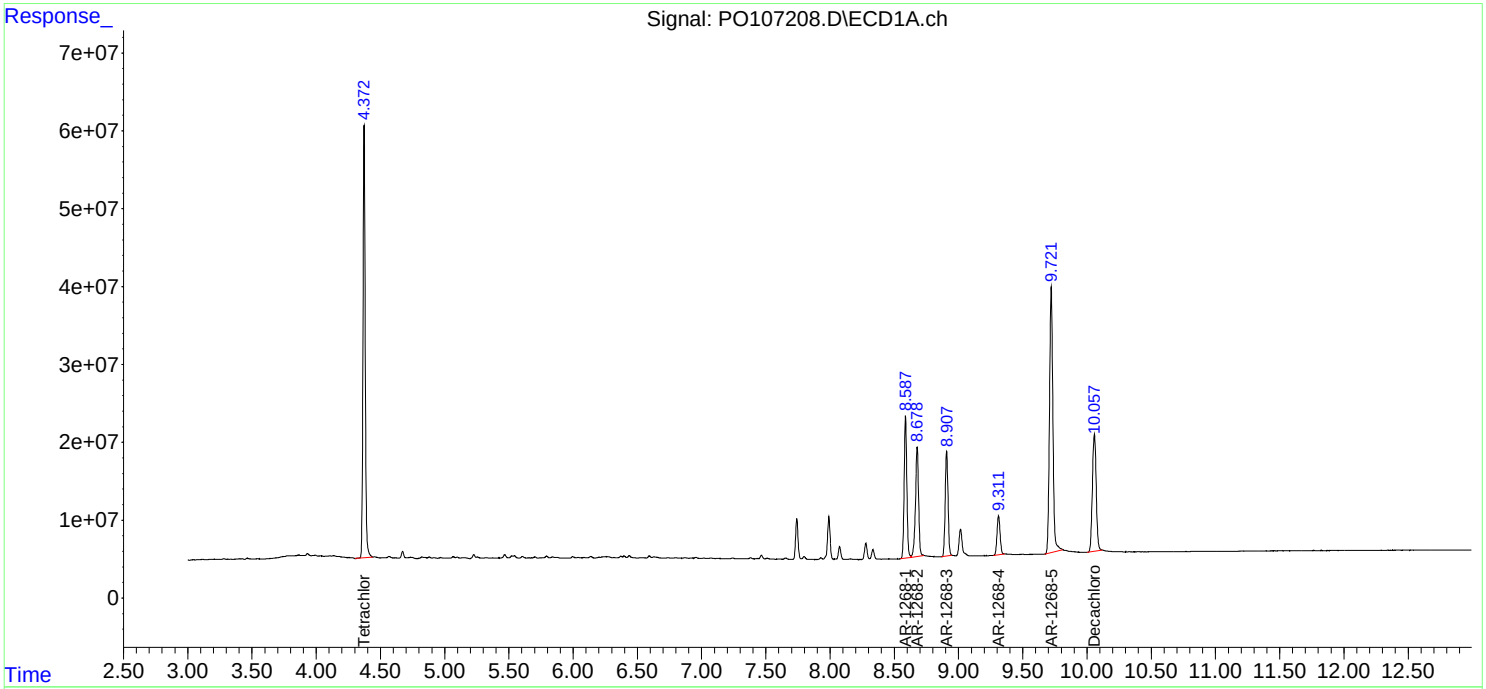
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

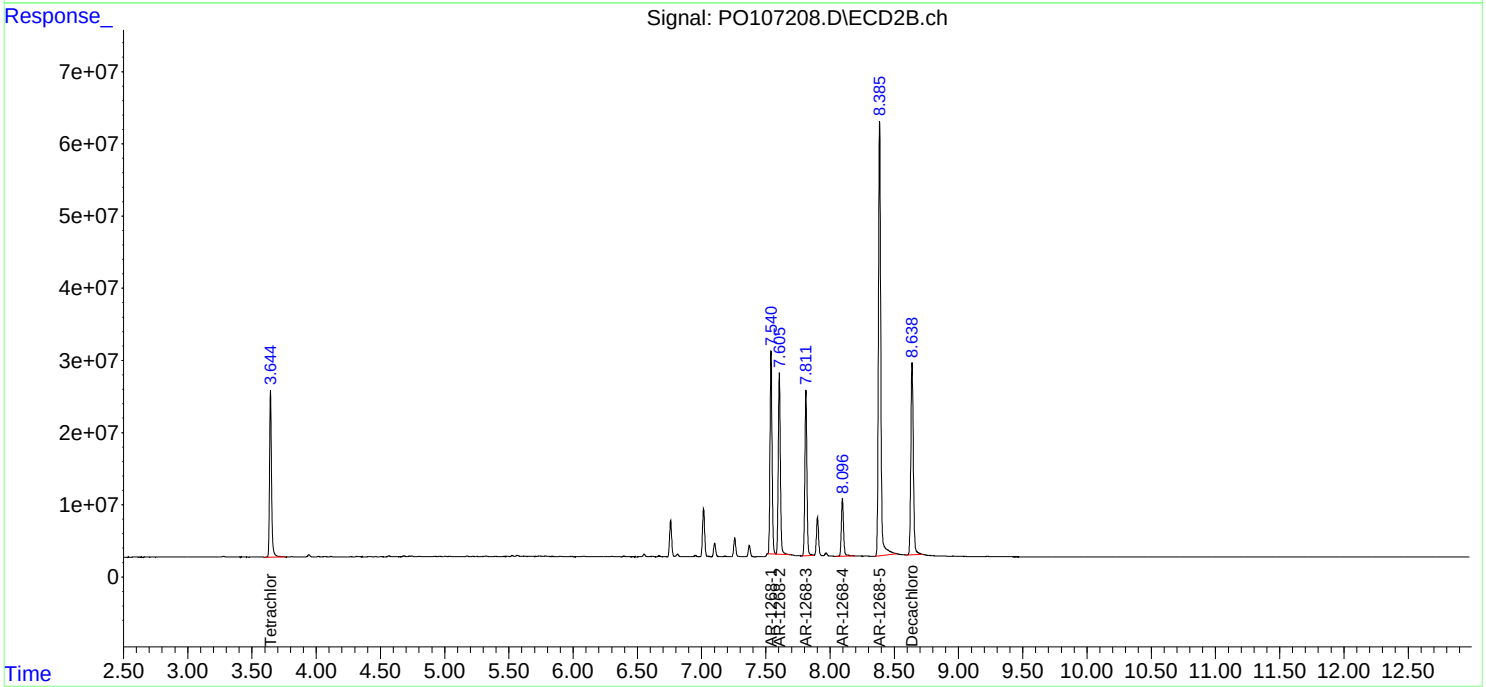
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107208.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2024 01:41
Operator : YP/AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

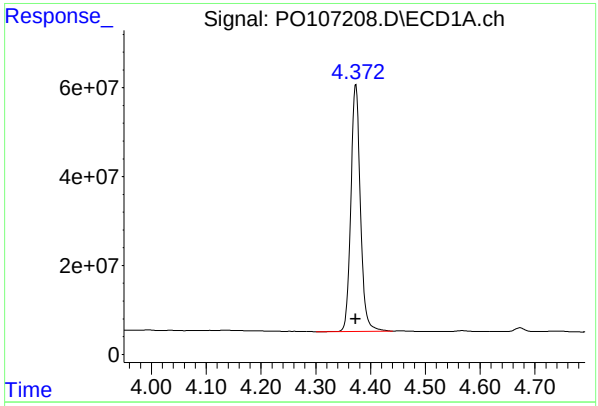
Instrument :
ECD_O
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 02:40:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 02:38:17 2024
Response via : Initial Calibration
Integrator: ChemStation

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



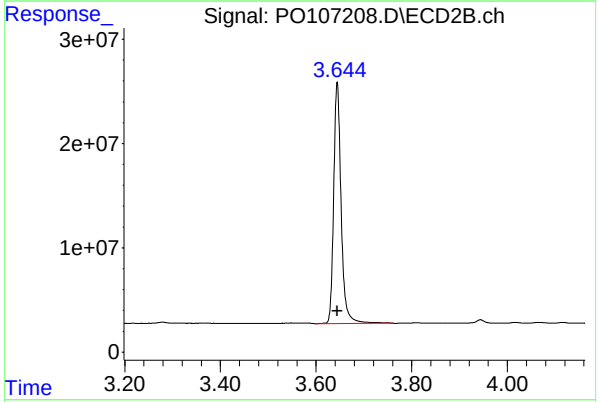




#1 Tetrachloro-m-xylene

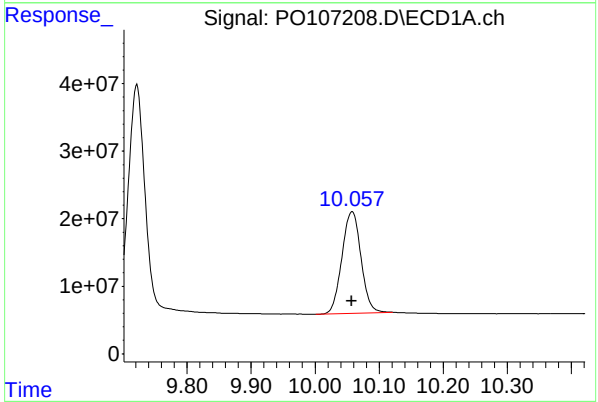
R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 670196845
Conc: 71.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



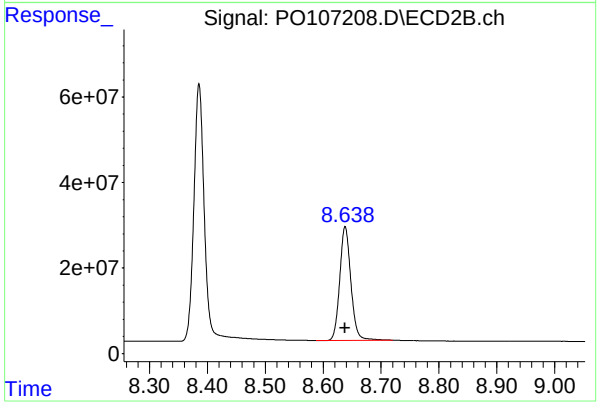
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 249732853
Conc: 73.10 ng/ml



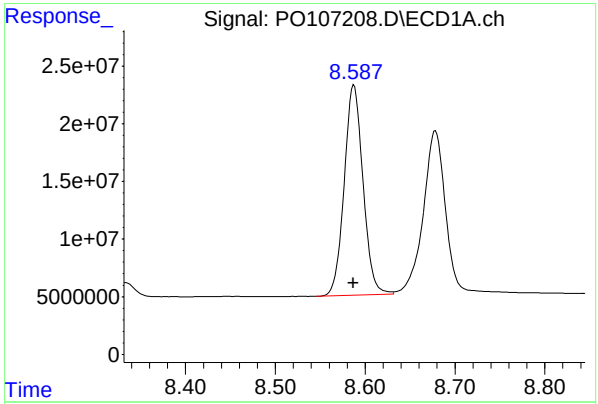
#2 Decachlorobiphenyl

R.T.: 10.058 min
Delta R.T.: 0.001 min
Response: 310217562
Conc: 73.13 ng/ml



#2 Decachlorobiphenyl

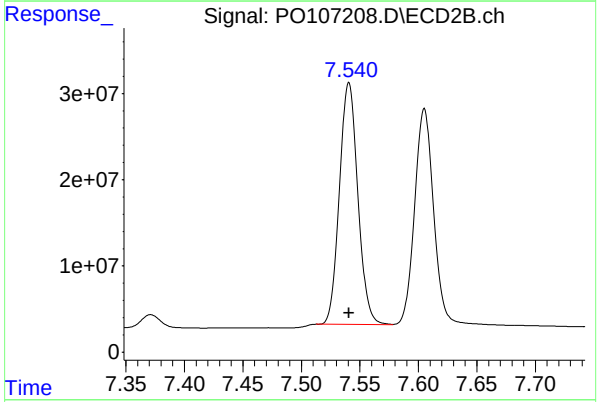
R.T.: 8.638 min
Delta R.T.: 0.000 min
Response: 355458898
Conc: 73.69 ng/ml



#41 AR-1268-1

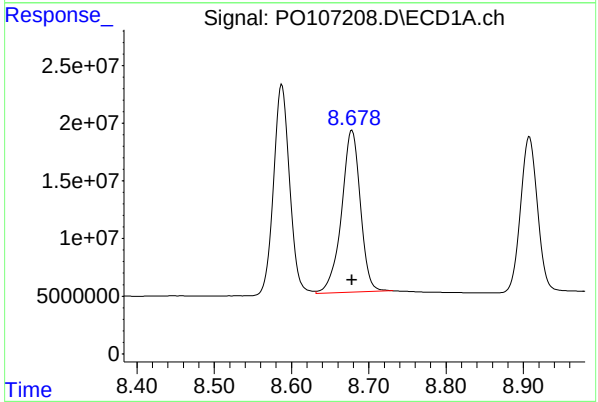
R.T.: 8.587 min
Delta R.T.: 0.000 min
Response: 264310364
Conc: 724.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



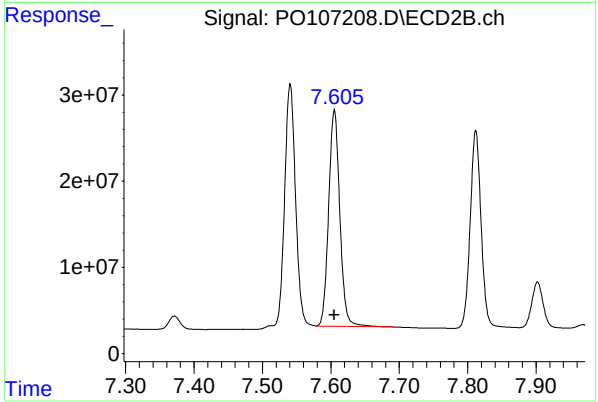
#41 AR-1268-1

R.T.: 7.541 min
Delta R.T.: 0.000 min
Response: 307493619
Conc: 742.98 ng/ml



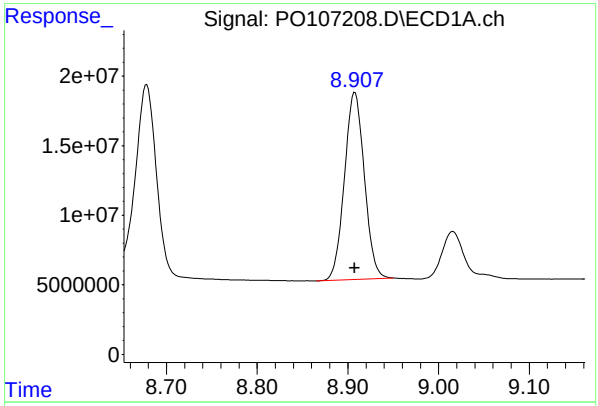
#42 AR-1268-2

R.T.: 8.678 min
Delta R.T.: 0.000 min
Response: 235868584
Conc: 726.06 ng/ml



#42 AR-1268-2

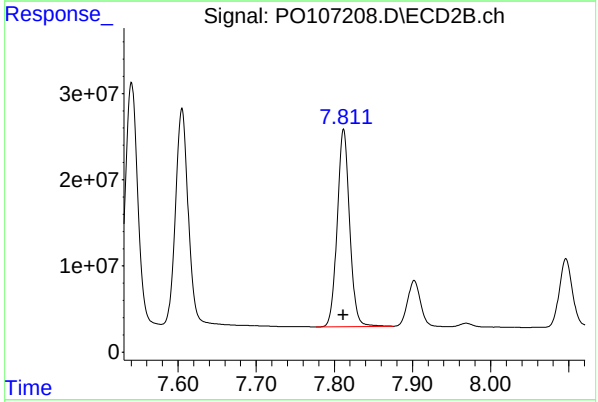
R.T.: 7.605 min
Delta R.T.: 0.000 min
Response: 285072573
Conc: 743.31 ng/ml



#43 AR-1268-3

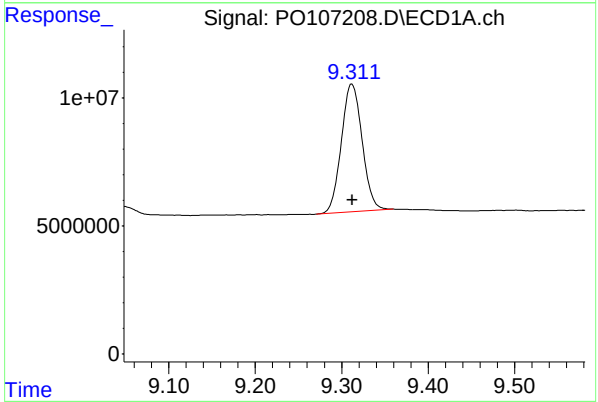
R.T.: 8.908 min
Delta R.T.: 0.000 min
Response: 204570207
Conc: 723.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



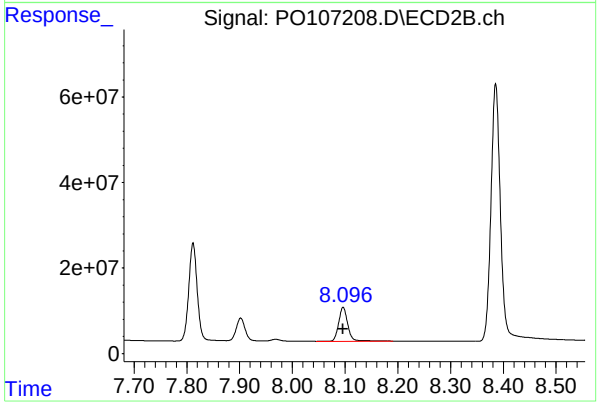
#43 AR-1268-3

R.T.: 7.812 min
Delta R.T.: 0.000 min
Response: 253371130
Conc: 746.23 ng/ml



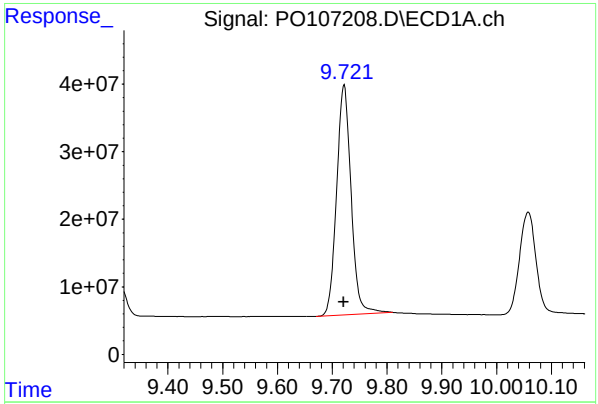
#44 AR-1268-4

R.T.: 9.312 min
Delta R.T.: 0.000 min
Response: 83445833
Conc: 727.42 ng/ml



#44 AR-1268-4

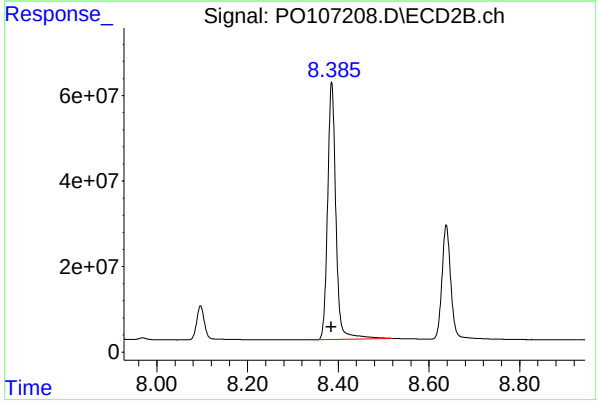
R.T.: 8.096 min
Delta R.T.: 0.000 min
Response: 95583754
Conc: 750.94 ng/ml



#45 AR-1268-5

R.T.: 9.722 min
Delta R.T.: 0.001 min
Response: 624823653
Conc: 737.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



#45 AR-1268-5

R.T.: 8.386 min
Delta R.T.: 0.000 min
Response: 764483445
Conc: 751.65 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107209.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2024 01:59
Operator : YP/AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 02:40:49 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 02:38:17 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.373	3.645	465.6E6	170.8E6	50.000	50.000
2)	SA Decachlor...	10.057	8.637	212.1E6	241.2E6	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	8.587	7.541	182.3E6	206.9E6	500.000	500.000
42)	L9 AR-1268-2	8.678	7.605	162.4E6	191.8E6	500.000	500.000
43)	L9 AR-1268-3	8.907	7.811	141.3E6	169.8E6	500.000	500.000
44)	L9 AR-1268-4	9.312	8.096	57357297	63642681	500.000	500.000
45)	L9 AR-1268-5	9.721	8.385	423.5E6	508.5E6	500.000	500.000

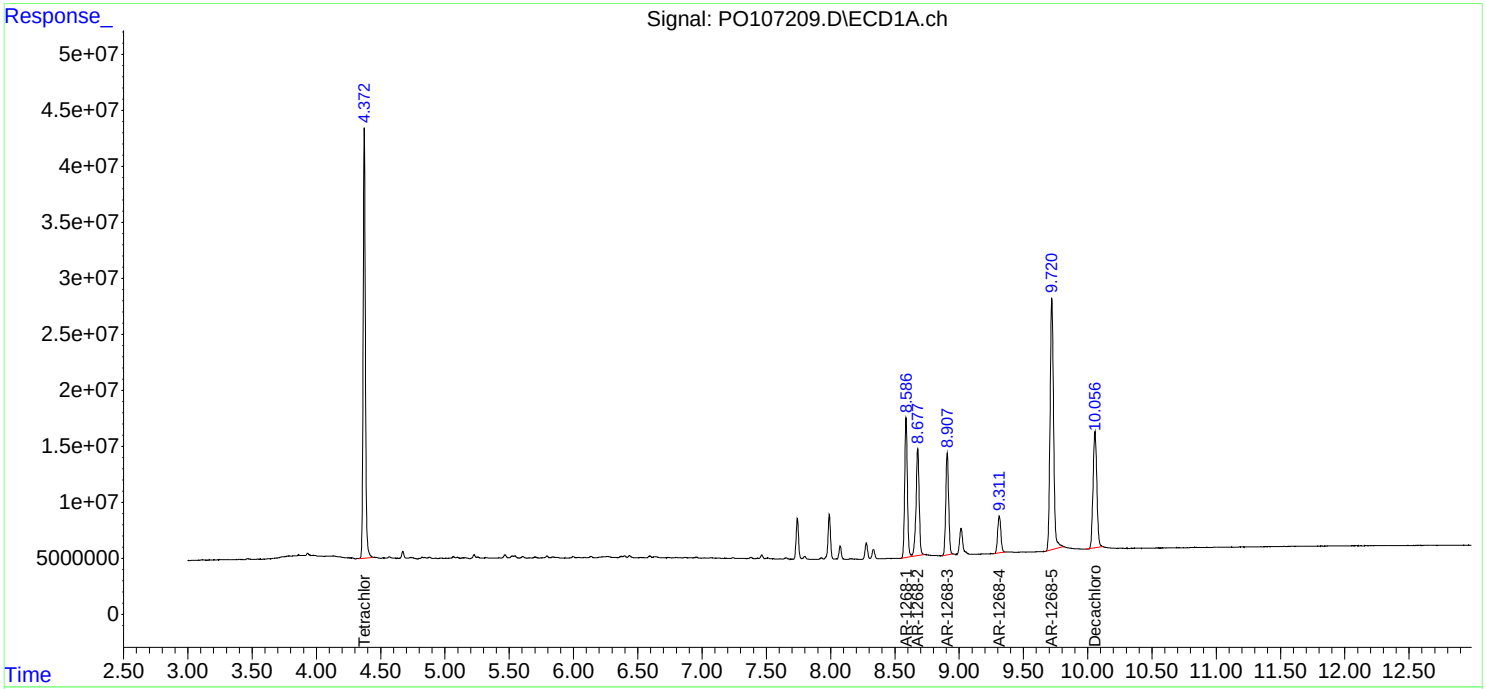
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

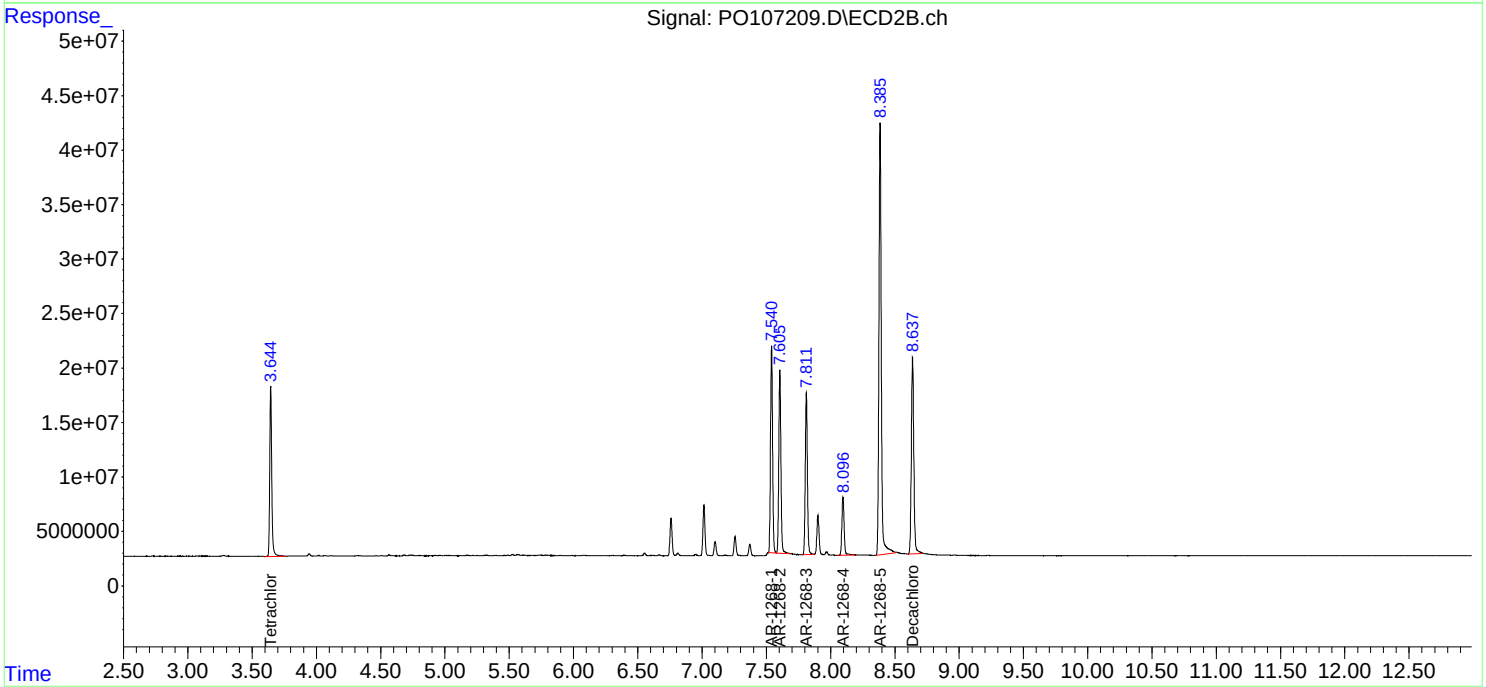
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107209.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2024 01:59
Operator : YP/AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

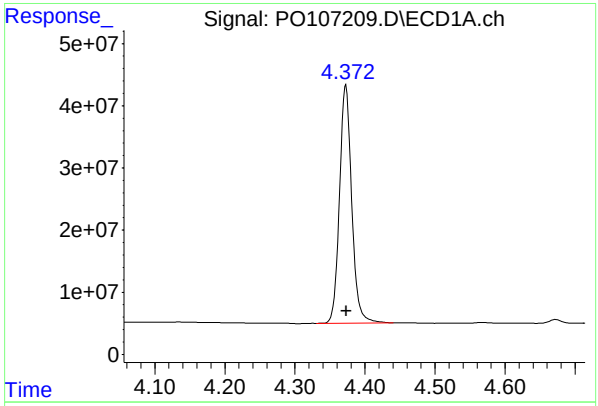
Instrument :
ECD_O
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 02:40:49 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 02:38:17 2024
Response via : Initial Calibration
Integrator: ChemStation

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



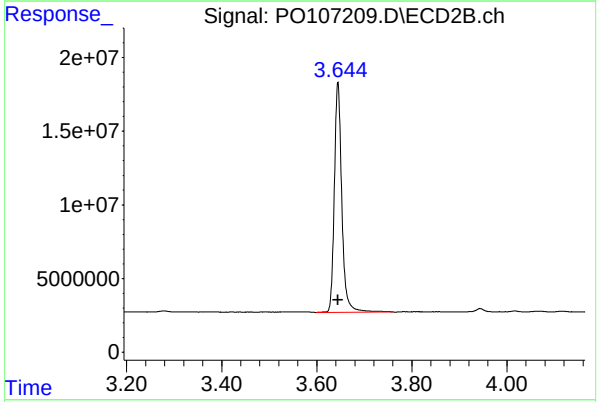




#1 Tetrachloro-m-xylene

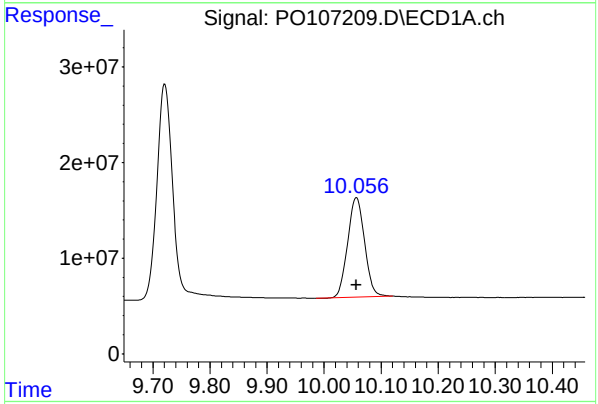
R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 465580331
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



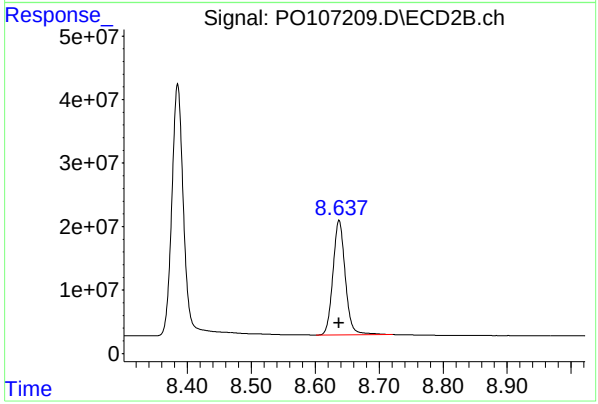
#1 Tetrachloro-m-xylene

R.T.: 3.645 min
Delta R.T.: 0.000 min
Response: 170805240
Conc: 50.00 ng/ml



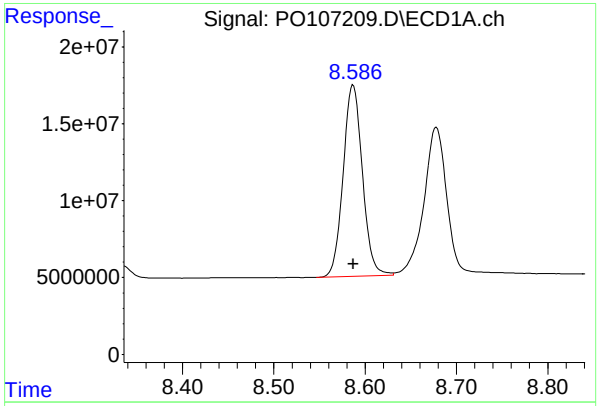
#2 Decachlorobiphenyl

R.T.: 10.057 min
Delta R.T.: 0.000 min
Response: 212097908
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

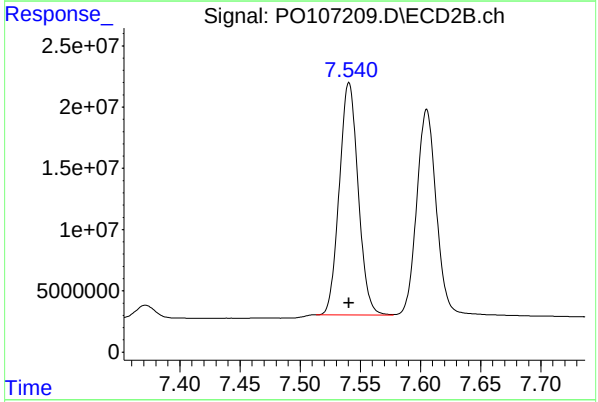
R.T.: 8.637 min
Delta R.T.: 0.000 min
Response: 241175589
Conc: 50.00 ng/ml



#41 AR-1268-1

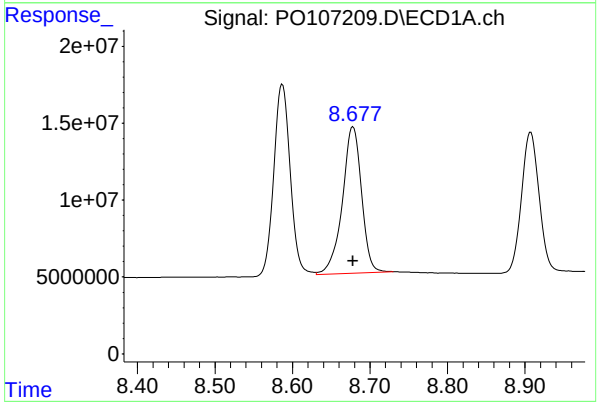
R.T.: 8.587 min
Delta R.T.: 0.000 min
Response: 182311422
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



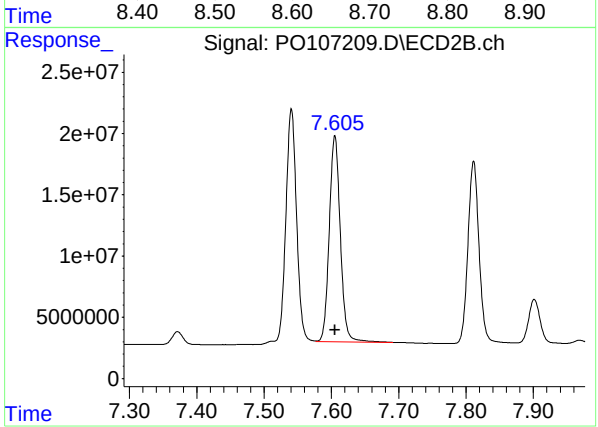
#41 AR-1268-1

R.T.: 7.541 min
Delta R.T.: 0.000 min
Response: 206931792
Conc: 500.00 ng/ml



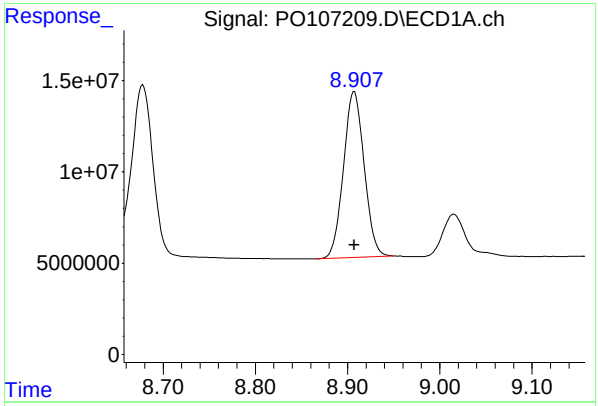
#42 AR-1268-2

R.T.: 8.678 min
Delta R.T.: 0.000 min
Response: 162431403
Conc: 500.00 ng/ml



#42 AR-1268-2

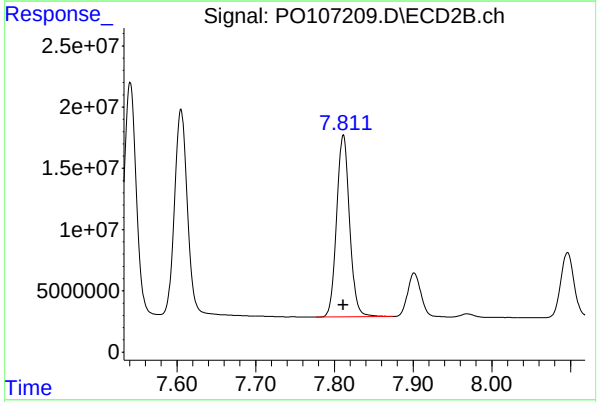
R.T.: 7.605 min
Delta R.T.: 0.000 min
Response: 191759104
Conc: 500.00 ng/ml



#43 AR-1268-3

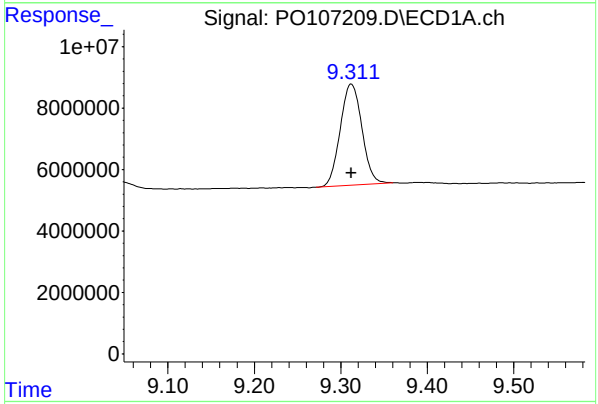
R.T.: 8.907 min
Delta R.T.: 0.000 min
Response: 141310018
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



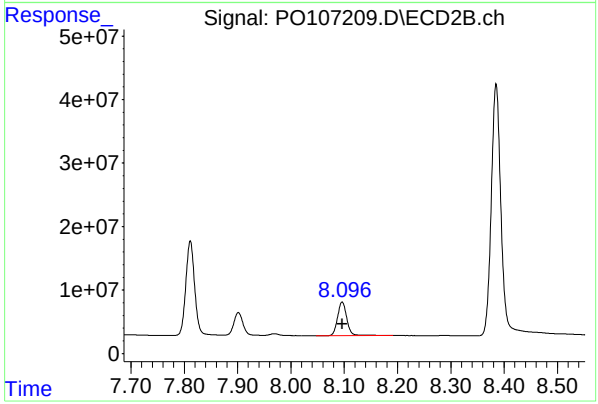
#43 AR-1268-3

R.T.: 7.811 min
Delta R.T.: 0.000 min
Response: 169767878
Conc: 500.00 ng/ml



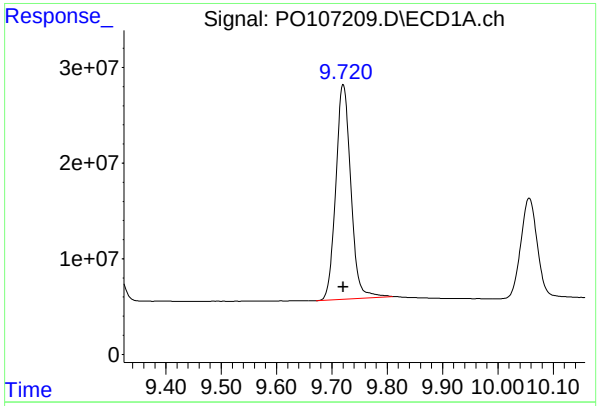
#44 AR-1268-4

R.T.: 9.312 min
Delta R.T.: 0.000 min
Response: 57357297
Conc: 500.00 ng/ml



#44 AR-1268-4

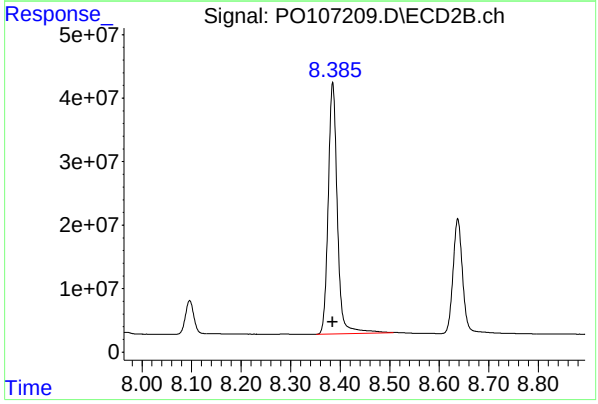
R.T.: 8.096 min
Delta R.T.: 0.000 min
Response: 63642681
Conc: 500.00 ng/ml



#45 AR-1268-5

R.T.: 9.721 min
Delta R.T.: 0.000 min
Response: 423531657
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



#45 AR-1268-5

R.T.: 8.385 min
Delta R.T.: 0.000 min
Response: 508540065
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107210.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2024 02:18
Operator : YP/AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 04:21:55 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 02:38:17 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.373	3.644	237.4E6	83283643	25.493	24.380
2)	SA Decachlor...	10.058	8.638	110.0E6	122.3E6	25.930	25.345
	Target Compounds						
41)	L9 AR-1268-1	8.588	7.541	95440132	102.7E6	261.750	248.179
42)	L9 AR-1268-2	8.679	7.606	84909424	94674968	261.370	246.859
43)	L9 AR-1268-3	8.908	7.812	73384675	84688940	259.658	249.426
44)	L9 AR-1268-4	9.314	8.097	29107021	32315199	253.734	253.880
45)	L9 AR-1268-5	9.721	8.386	216.1E6	249.1E6	255.104	244.896

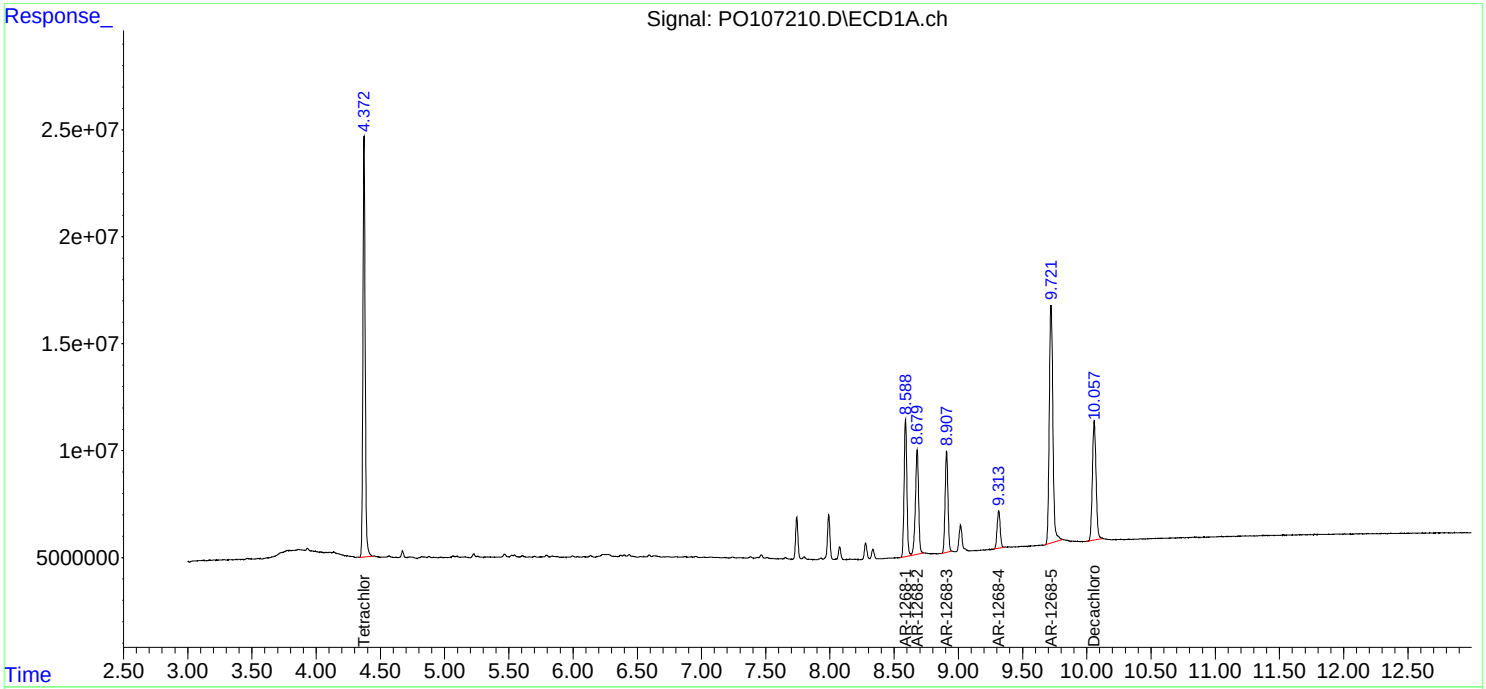
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

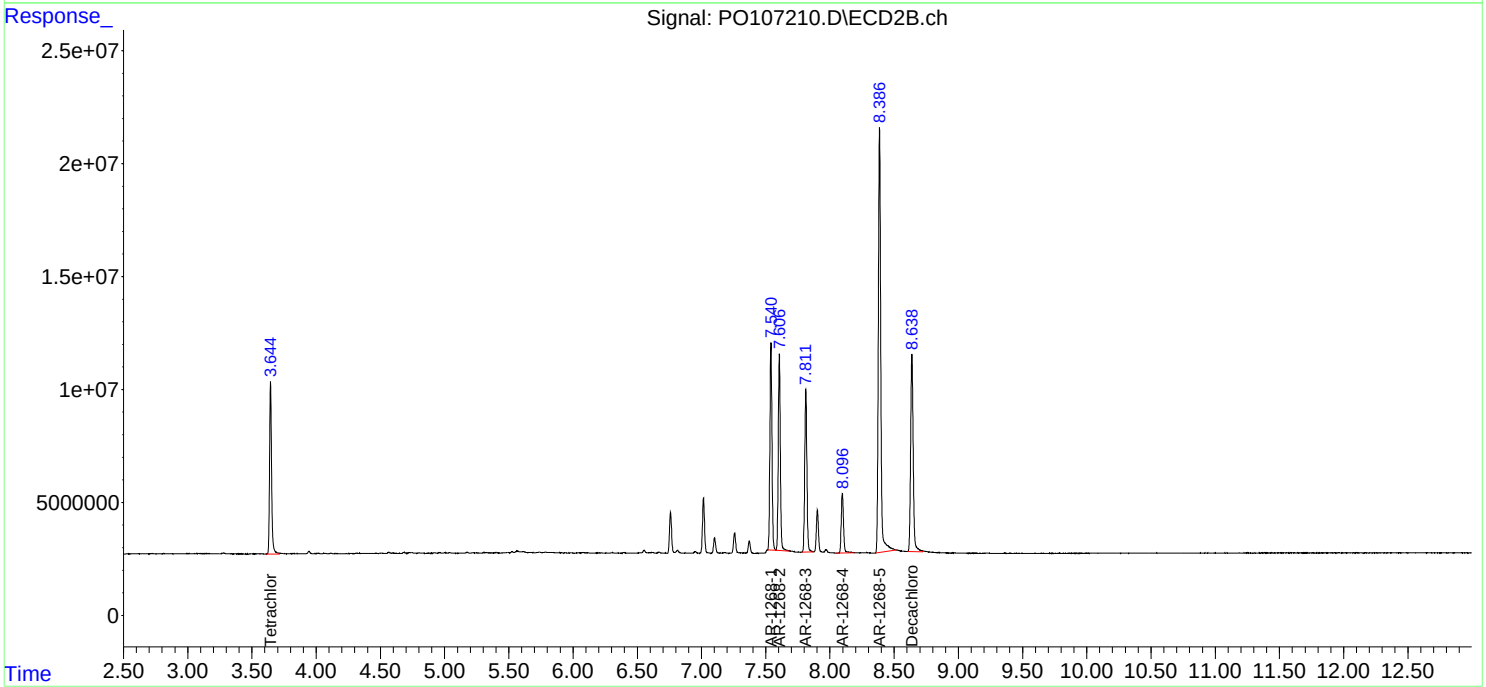
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107210.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2024 02:18
Operator : YP/AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

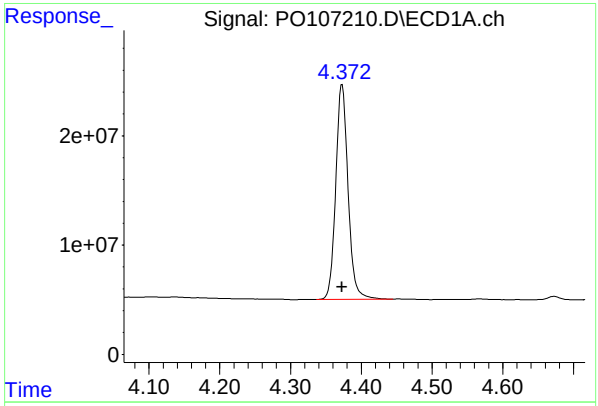
Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 04:21:55 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 02:38:17 2024
Response via : Initial Calibration
Integrator: ChemStation

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



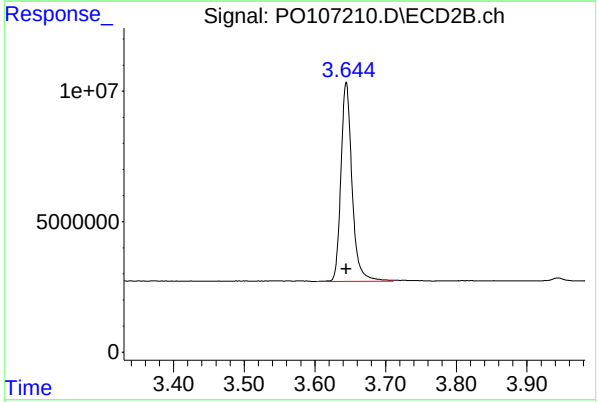




#1 Tetrachloro-m-xylene

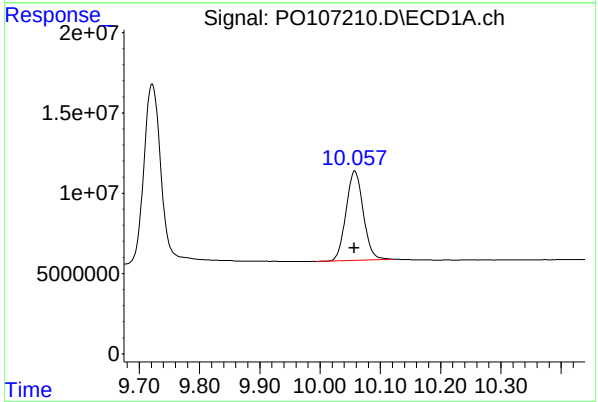
R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 237379747
Conc: 25.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



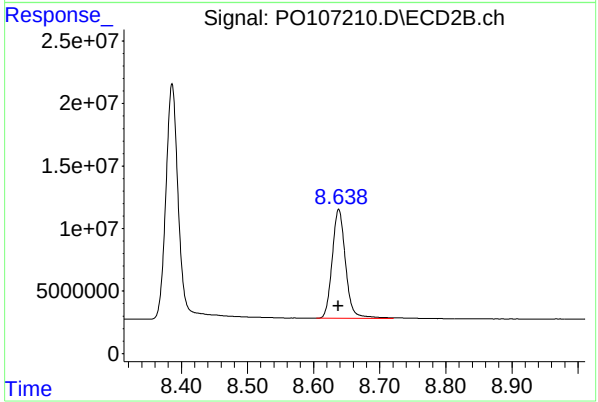
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 83283643
Conc: 24.38 ng/ml



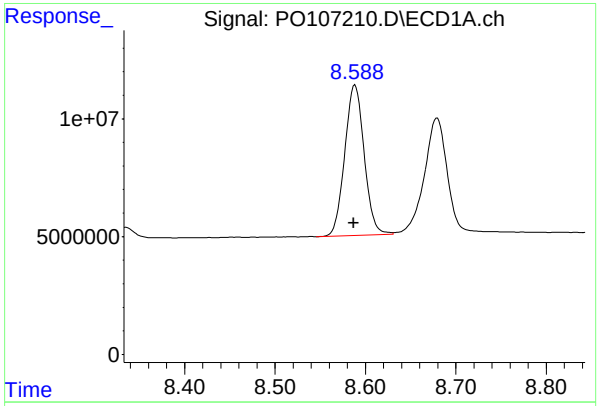
#2 Decachlorobiphenyl

R.T.: 10.058 min
Delta R.T.: 0.000 min
Response: 109995659
Conc: 25.93 ng/ml



#2 Decachlorobiphenyl

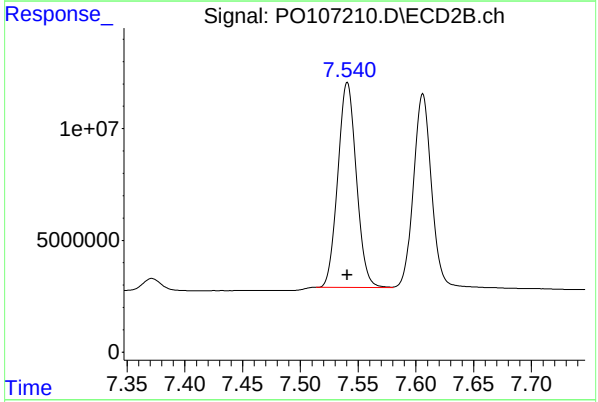
R.T.: 8.638 min
Delta R.T.: 0.000 min
Response: 122251099
Conc: 25.34 ng/ml



#41 AR-1268-1

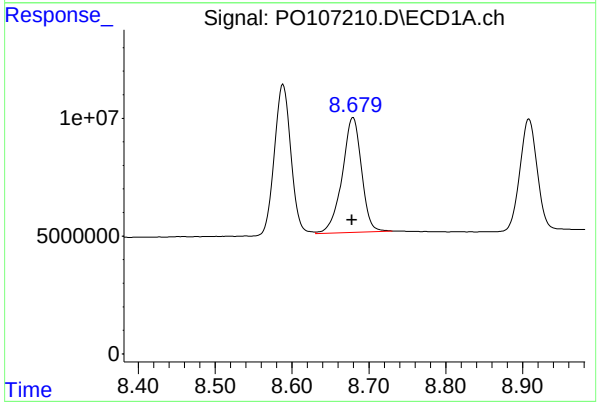
R.T.: 8.588 min
Delta R.T.: 0.002 min
Response: 95440132
Conc: 261.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



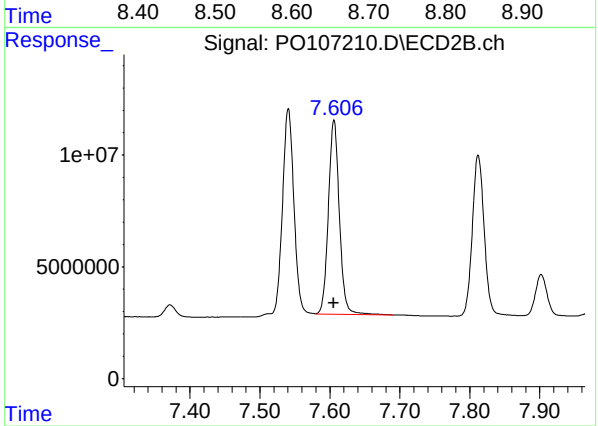
#41 AR-1268-1

R.T.: 7.541 min
Delta R.T.: 0.000 min
Response: 102712368
Conc: 248.18 ng/ml



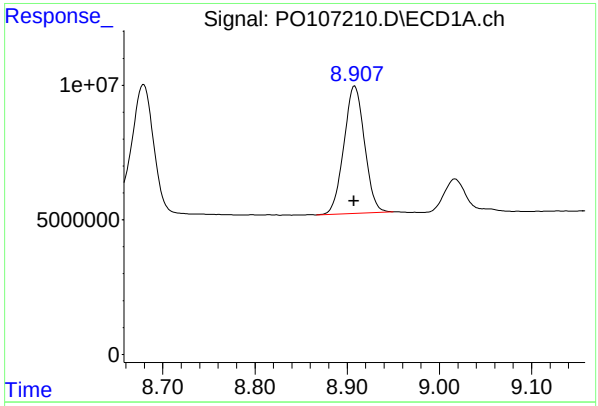
#42 AR-1268-2

R.T.: 8.679 min
Delta R.T.: 0.001 min
Response: 84909424
Conc: 261.37 ng/ml



#42 AR-1268-2

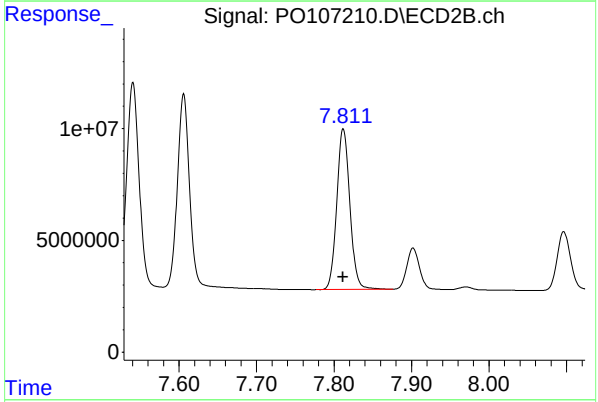
R.T.: 7.606 min
Delta R.T.: 0.000 min
Response: 94674968
Conc: 246.86 ng/ml



#43 AR-1268-3

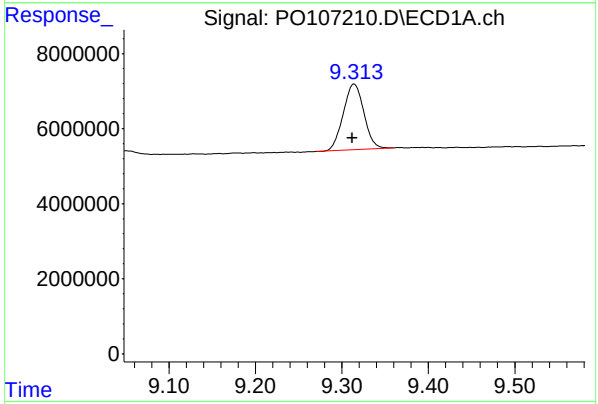
R.T.: 8.908 min
Delta R.T.: 0.000 min
Response: 73384675
Conc: 259.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



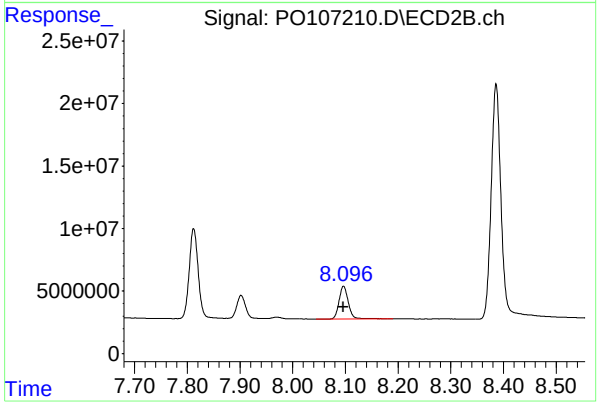
#43 AR-1268-3

R.T.: 7.812 min
Delta R.T.: 0.000 min
Response: 84688940
Conc: 249.43 ng/ml



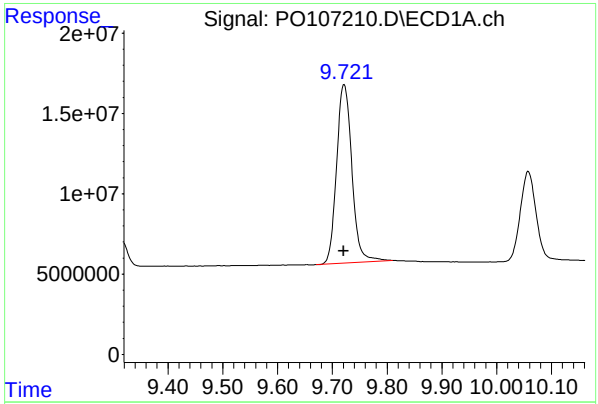
#44 AR-1268-4

R.T.: 9.314 min
Delta R.T.: 0.002 min
Response: 29107021
Conc: 253.73 ng/ml



#44 AR-1268-4

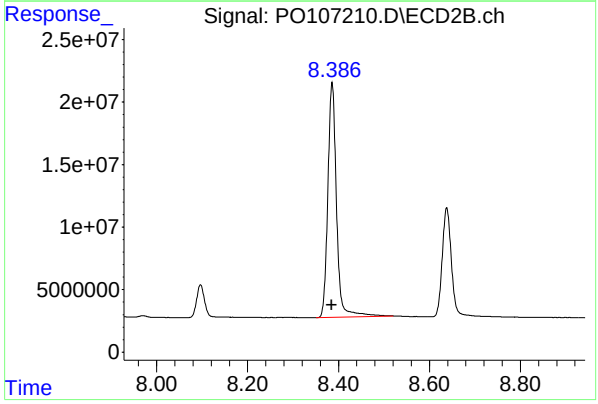
R.T.: 8.097 min
Delta R.T.: 0.000 min
Response: 32315199
Conc: 253.88 ng/ml



#45 AR-1268-5

R.T.: 9.721 min
Delta R.T.: 0.000 min
Response: 216089361
Conc: 255.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



#45 AR-1268-5

R.T.: 8.386 min
Delta R.T.: 0.000 min
Response: 249078869
Conc: 244.90 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107211.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2024 02:36
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :Ankita Jodhani 10/16/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 04:22:18 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 02:38:17 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.373	3.645	44759505	14819032	4.807	4.338
2)	SA Decachlor...	10.056	8.638	20020423	22152727	4.720	4.593
	Target Compounds						
41)	L9 AR-1268-1	8.587	7.541	18469024	18447765	50.652m	44.575
42)	L9 AR-1268-2	8.679	7.606	16014978	16717280	49.298	43.589
43)	L9 AR-1268-3	8.908	7.811	13783097	15350219	48.769	45.209
44)	L9 AR-1268-4	9.314	8.097	5072917	5687474	44.222	44.683
45)	L9 AR-1268-5	9.723	8.385	39053378	42842014	46.104	42.123

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

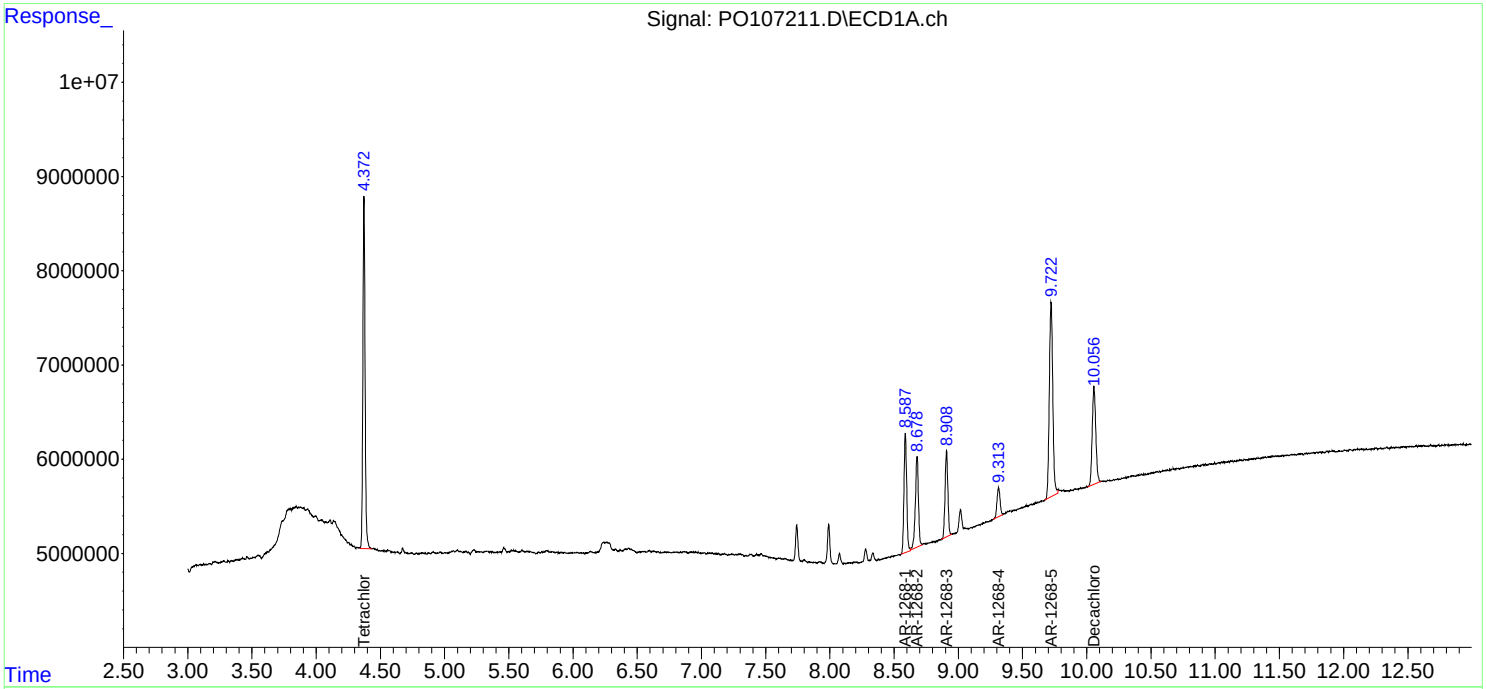
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107211.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2024 02:36
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

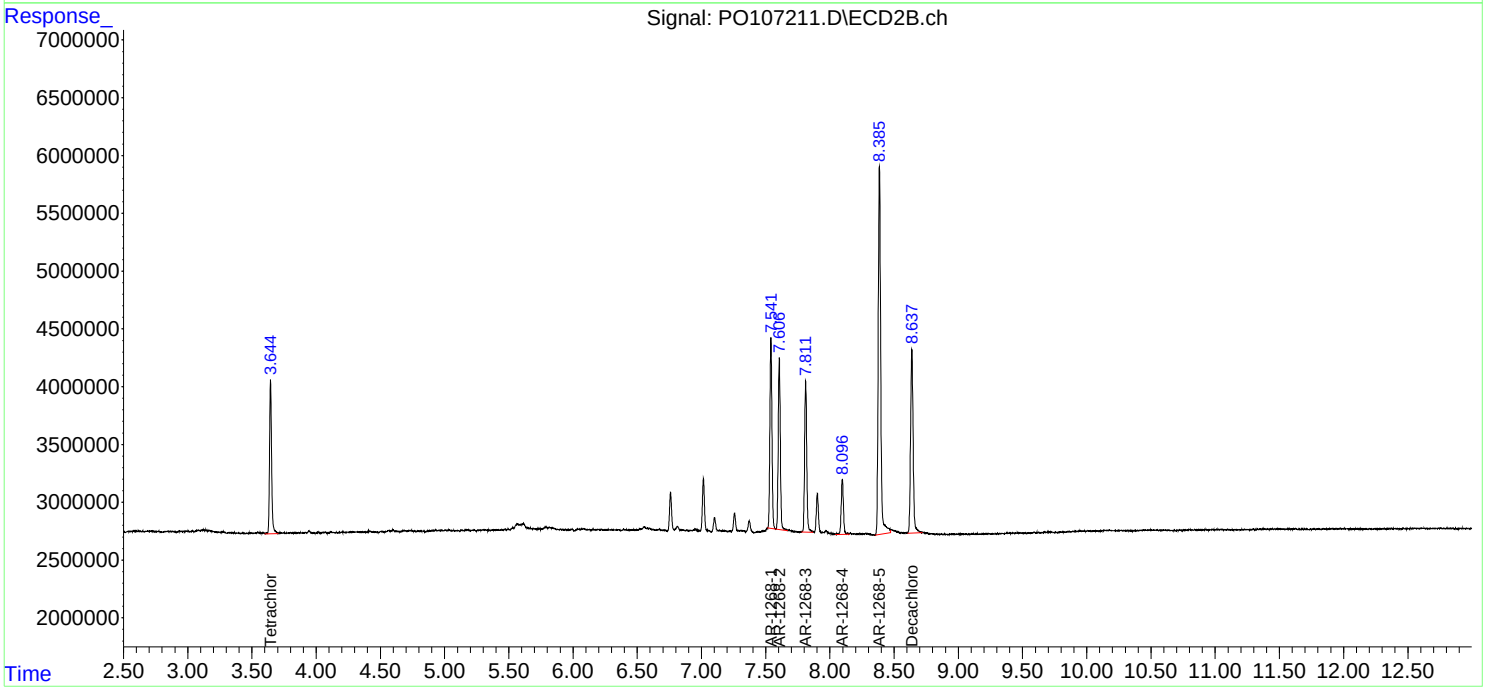
Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

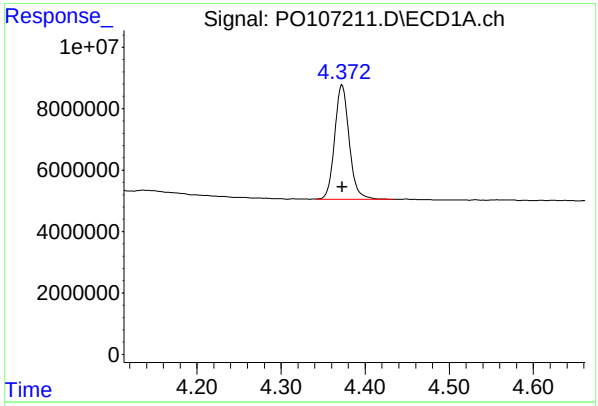
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :Ankita Jodhani 10/16/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 04:22:18 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 02:38:17 2024
Response via : Initial Calibration
Integrator: ChemStation

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







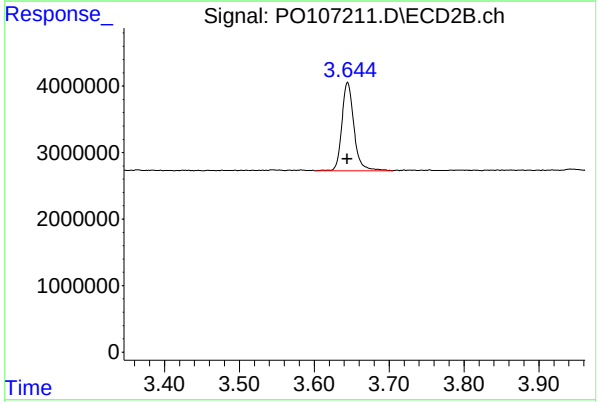
#1 Tetrachloro-m-xylene

R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 44759505
Conc: 4.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

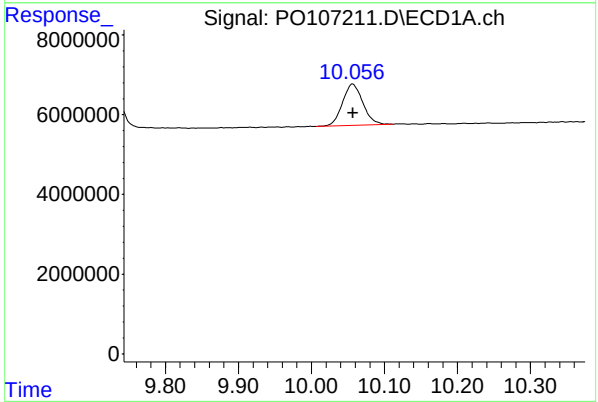
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :Ankita Jodhani 10/16/2024



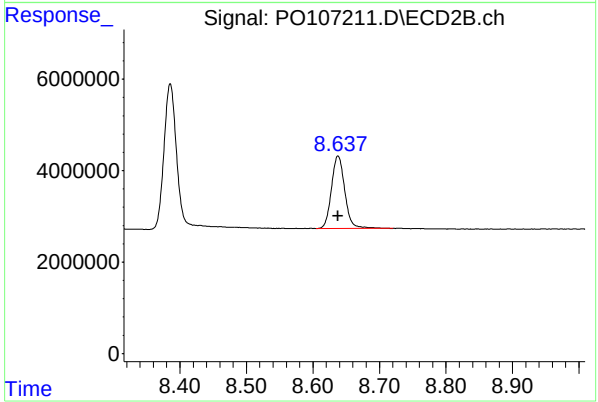
#1 Tetrachloro-m-xylene

R.T.: 3.645 min
Delta R.T.: 0.000 min
Response: 14819032
Conc: 4.34 ng/ml



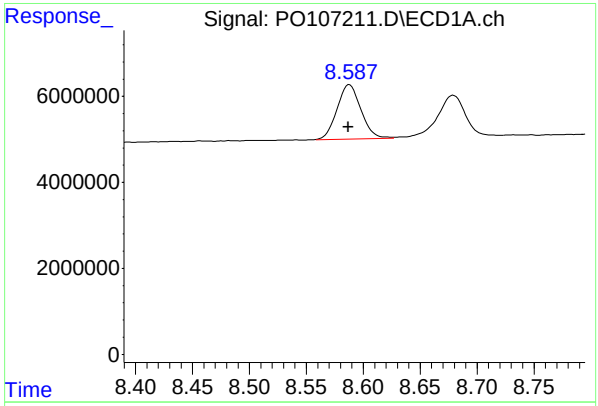
#2 Decachlorobiphenyl

R.T.: 10.056 min
Delta R.T.: 0.000 min
Response: 20020423
Conc: 4.72 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.638 min
Delta R.T.: 0.000 min
Response: 22152727
Conc: 4.59 ng/ml



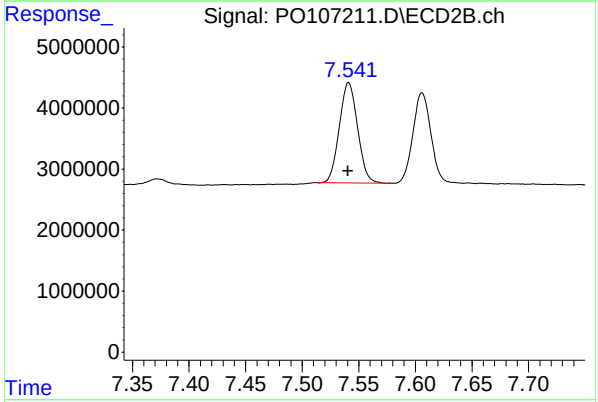
#41 AR-1268-1

R.T.: 8.587 min
Delta R.T.: 0.000 min
Response: 18469024
Conc: 50.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

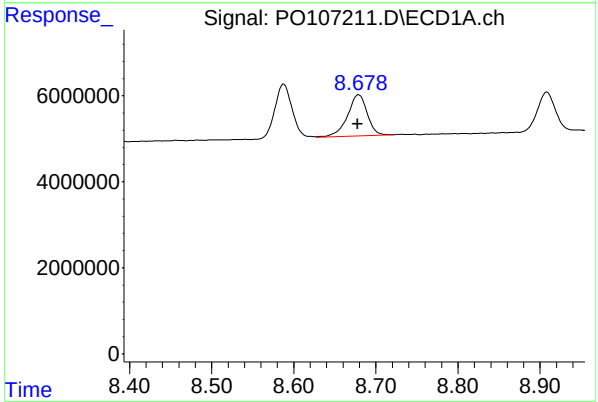
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :Ankita Jodhani 10/16/2024



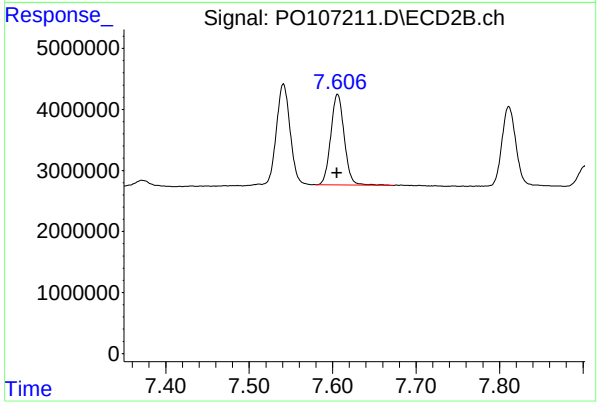
#41 AR-1268-1

R.T.: 7.541 min
Delta R.T.: 0.000 min
Response: 18447765
Conc: 44.57 ng/ml



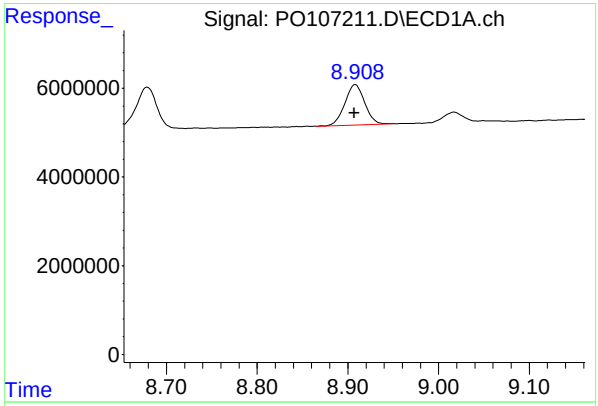
#42 AR-1268-2

R.T.: 8.679 min
Delta R.T.: 0.001 min
Response: 16014978
Conc: 49.30 ng/ml



#42 AR-1268-2

R.T.: 7.606 min
Delta R.T.: 0.000 min
Response: 16717280
Conc: 43.59 ng/ml



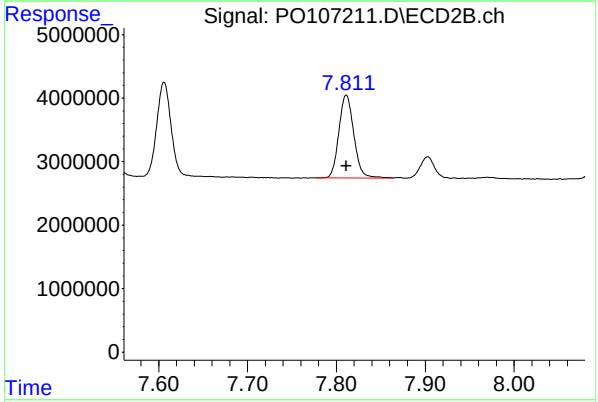
#43 AR-1268-3

R.T.: 8.908 min
Delta R.T.: 0.001 min
Response: 13783097
Conc: 48.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

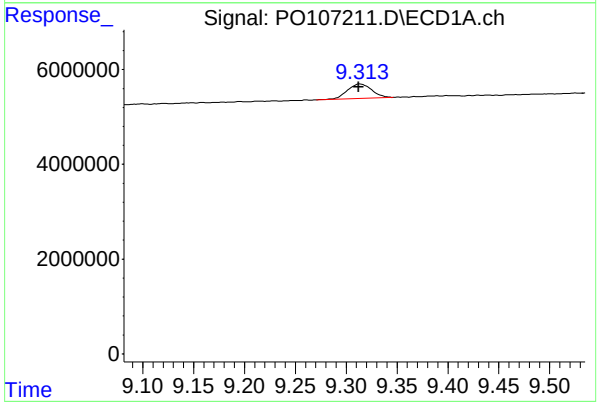
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :Ankita Jodhani 10/16/2024



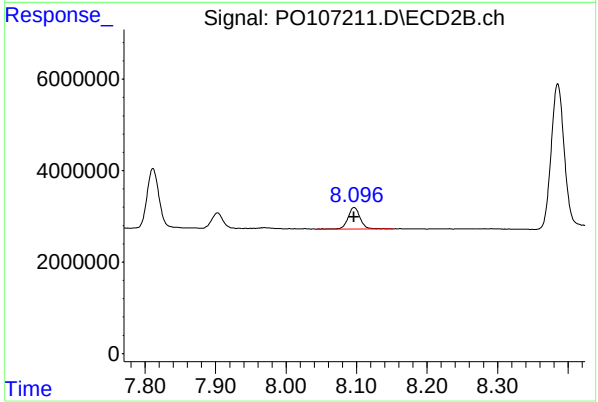
#43 AR-1268-3

R.T.: 7.811 min
Delta R.T.: 0.000 min
Response: 15350219
Conc: 45.21 ng/ml



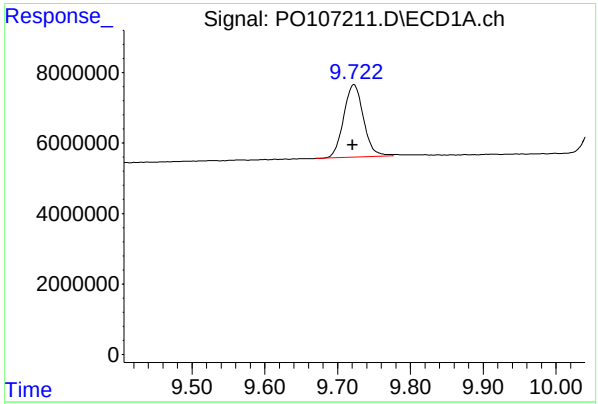
#44 AR-1268-4

R.T.: 9.314 min
Delta R.T.: 0.002 min
Response: 5072917
Conc: 44.22 ng/ml



#44 AR-1268-4

R.T.: 8.097 min
Delta R.T.: 0.000 min
Response: 5687474
Conc: 44.68 ng/ml



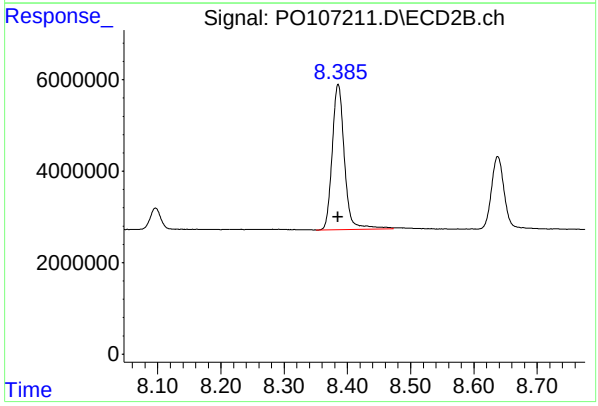
#45 AR-1268-5

R.T.: 9.723 min
Delta R.T.: 0.002 mi
Response: 39053378
Conc: 46.10 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :Ankita Jodhani 10/16/2024



#45 AR-1268-5

R.T.: 8.385 min
Delta R.T.: 0.000 min
Response: 42842014
Conc: 42.12 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107212.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2024 02:54
Operator : YP/AJ
Sample : PO101524ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO101524

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 04:33:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:32:43 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.372	3.644	465.3E6	164.4E6	51.058	51.086
2)	SA Decachlor...	10.056	8.638	123.9E6	136.1E6	50.497	49.626
	Target Compounds						
3)	L1 AR-1016-1	5.521	4.726	134.9E6	51843655	500.111	502.042
4)	L1 AR-1016-2	5.543	4.745	197.8E6	72270469	498.259	512.674
5)	L1 AR-1016-3	5.606	4.920	128.2E6	39765886	510.233	504.992
6)	L1 AR-1016-4	5.702	4.962	100.3E6	33242228	520.863	502.845
7)	L1 AR-1016-5	5.997	5.175	96027789	42039253	525.737	511.838
31)	L7 AR-1260-1	7.123	6.207	127.8E6	78048903	494.246	503.040
32)	L7 AR-1260-2	7.380	6.394	129.5E6	92023271	492.099	522.516
33)	L7 AR-1260-3	7.741	6.547	88394667	86099269	491.778	513.265
34)	L7 AR-1260-4	7.966	7.018	84877632	73152631	483.623	505.614
35)	L7 AR-1260-5	8.279	7.258	138.1E6	168.0E6	485.508	510.033

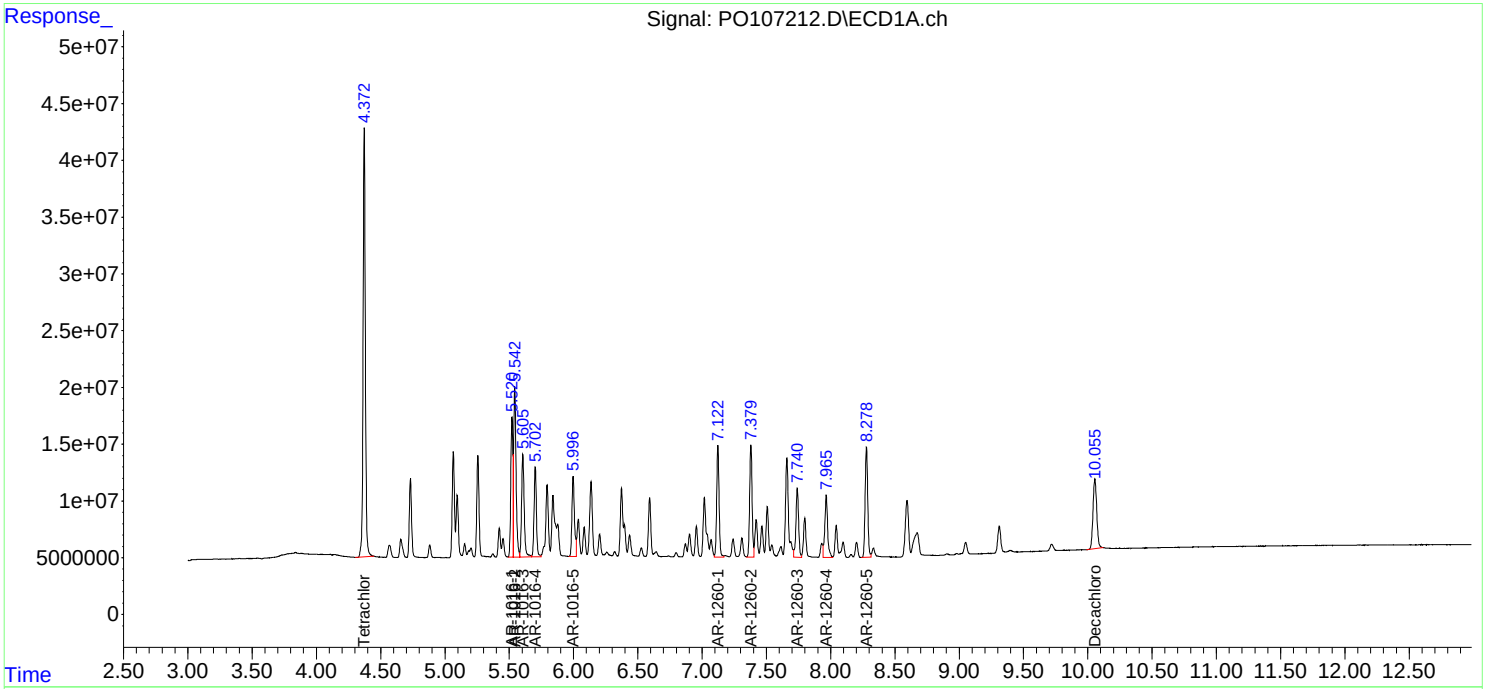
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

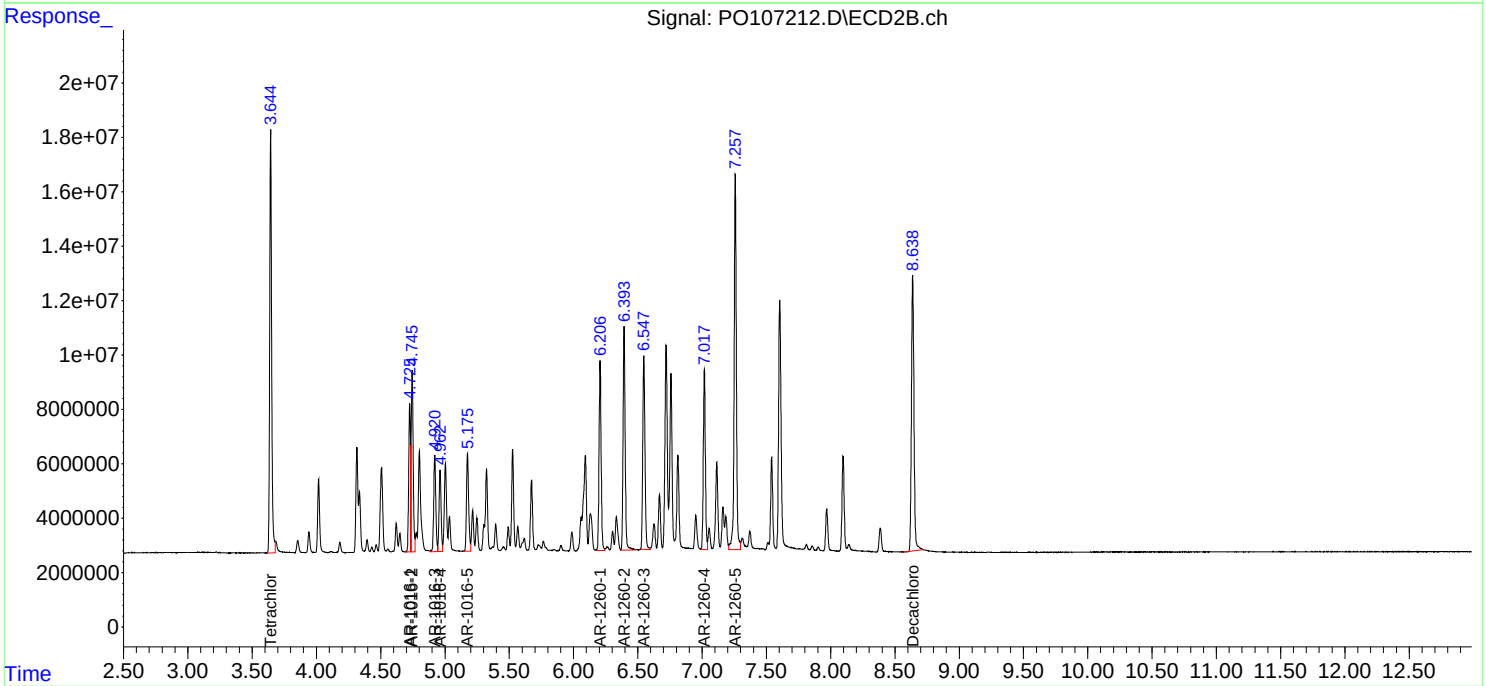
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107212.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2024 02:54
Operator : YP/AJ
Sample : PO101524ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

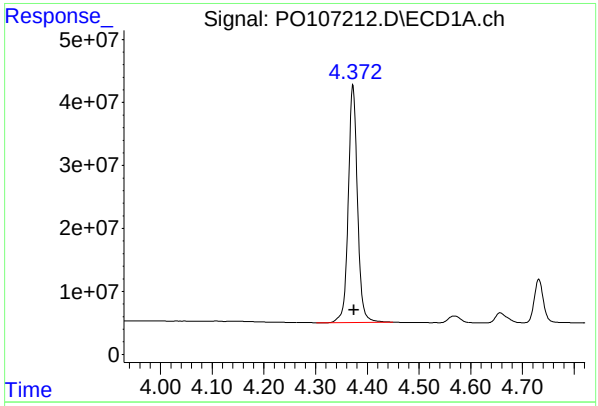
Instrument :
ECD_O
ClientSampleId :
ICVPO101524

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 04:33:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:32:43 2024
Response via : Initial Calibration
Integrator: ChemStation

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



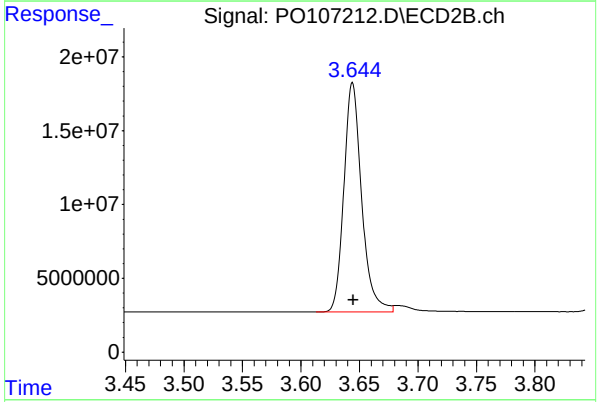




#1 Tetrachloro-m-xylene

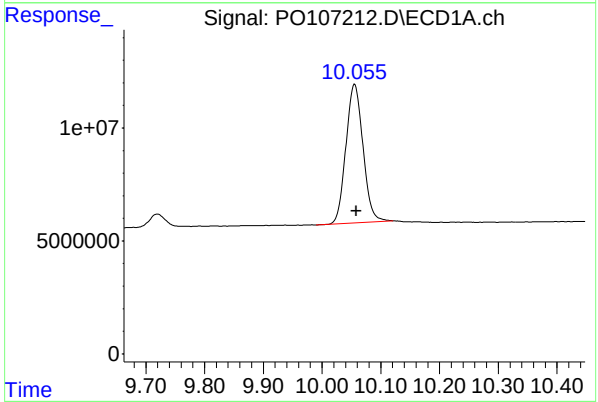
R.T.: 4.372 min
Delta R.T.: -0.002 min
Response: 465340275
Conc: 51.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO101524



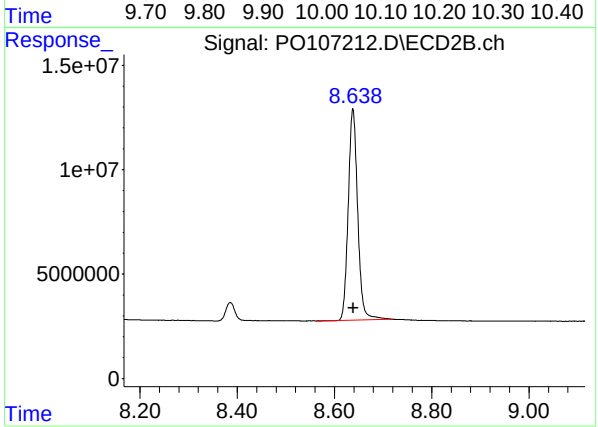
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 164419985
Conc: 51.09 ng/ml



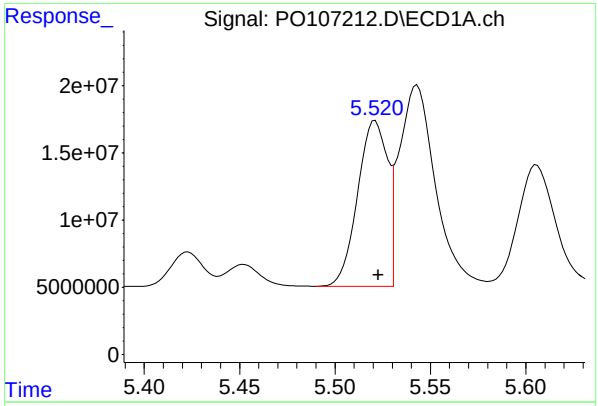
#2 Decachlorobiphenyl

R.T.: 10.056 min
Delta R.T.: -0.003 min
Response: 123888908
Conc: 50.50 ng/ml



#2 Decachlorobiphenyl

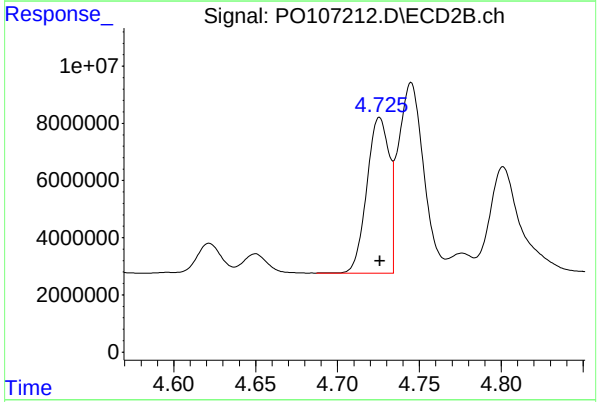
R.T.: 8.638 min
Delta R.T.: 0.000 min
Response: 136053579
Conc: 49.63 ng/ml



#3 AR-1016-1

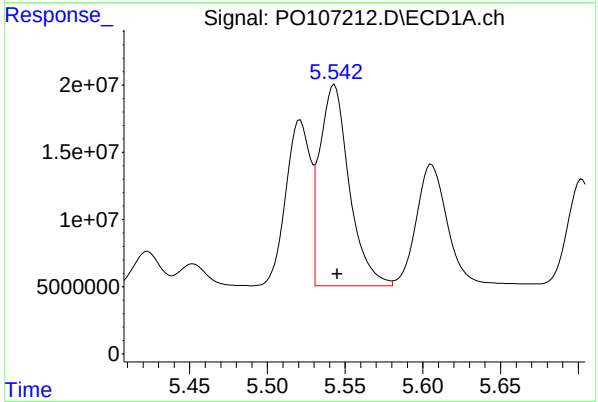
R.T.: 5.521 min
Delta R.T.: -0.002 min
Response: 134937005
Conc: 500.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO101524



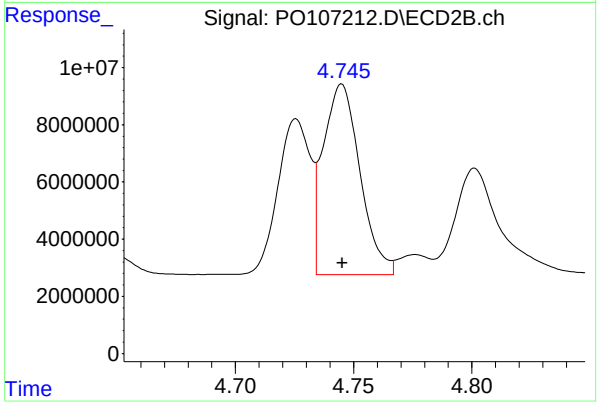
#3 AR-1016-1

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 51843655
Conc: 502.04 ng/ml



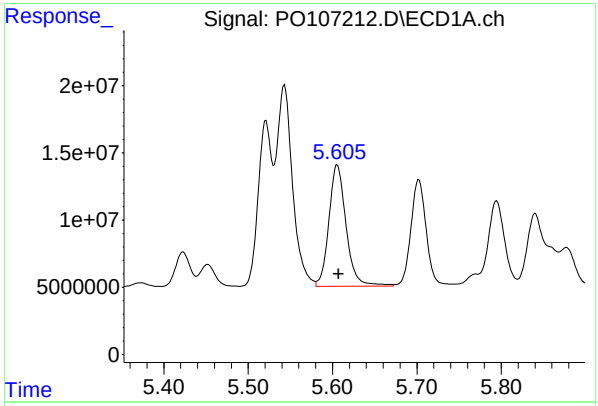
#4 AR-1016-2

R.T.: 5.543 min
Delta R.T.: -0.002 min
Response: 197751607
Conc: 498.26 ng/ml



#4 AR-1016-2

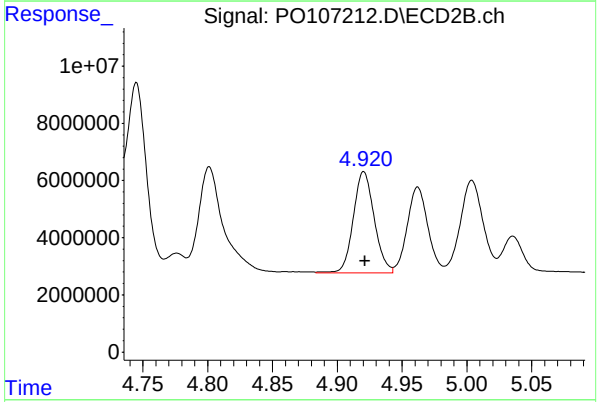
R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 72270469
Conc: 512.67 ng/ml



#5 AR-1016-3

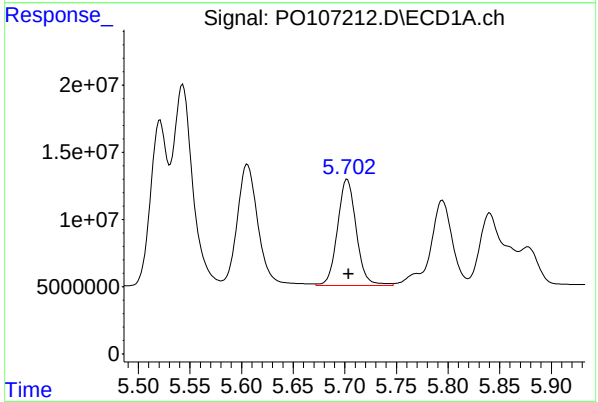
R.T.: 5.606 min
Delta R.T.: -0.002 mi
Response: 128154908
Conc: 510.23 ng/m

Instrument :
ECD_O
ClientSampleId :
ICVPO101524



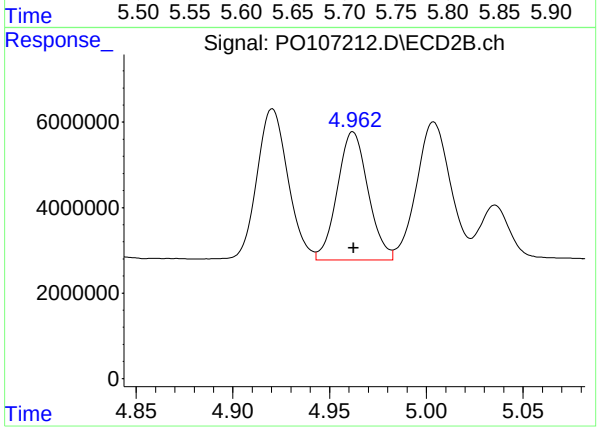
#5 AR-1016-3

R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 39765886
Conc: 504.99 ng/ml



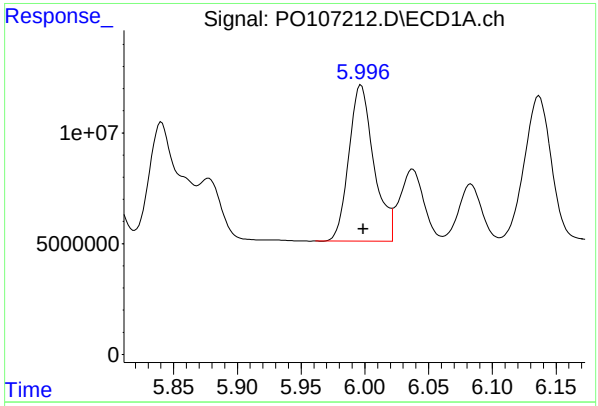
#6 AR-1016-4

R.T.: 5.702 min
Delta R.T.: -0.002 min
Response: 100324433
Conc: 520.86 ng/ml



#6 AR-1016-4

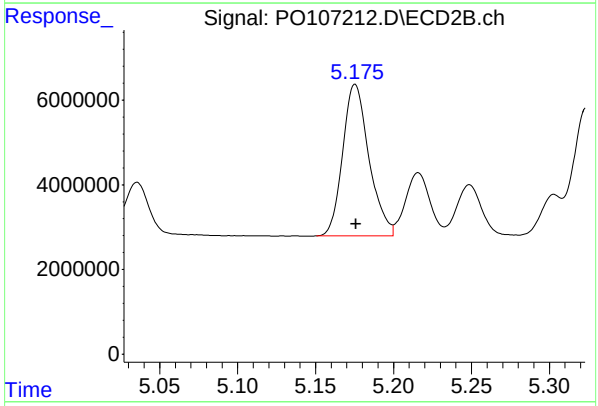
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 33242228
Conc: 502.84 ng/ml



#7 AR-1016-5

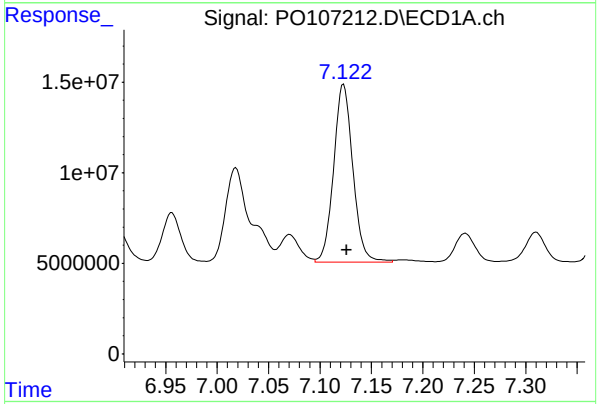
R.T.: 5.997 min
Delta R.T.: -0.002 min
Response: 96027789
Conc: 525.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO101524



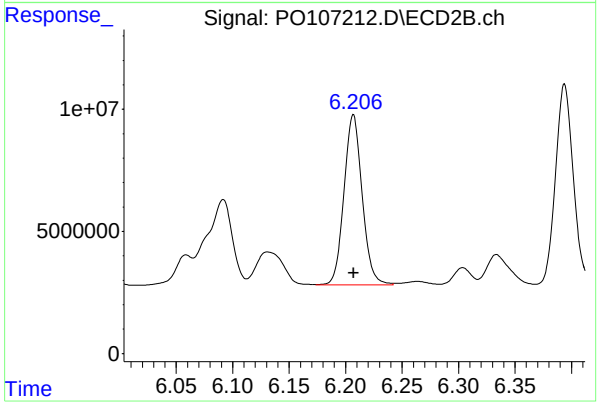
#7 AR-1016-5

R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 42039253
Conc: 511.84 ng/ml



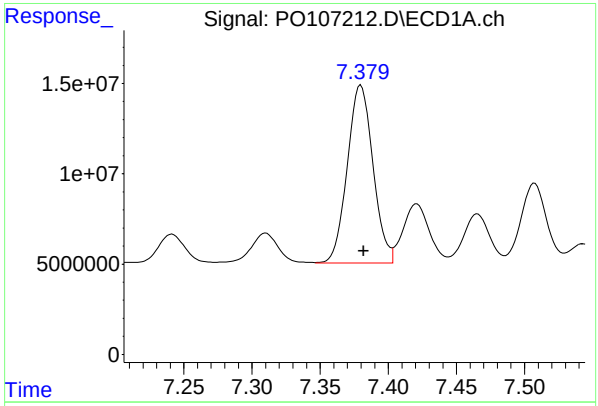
#31 AR-1260-1

R.T.: 7.123 min
Delta R.T.: -0.003 min
Response: 127806458
Conc: 494.25 ng/ml



#31 AR-1260-1

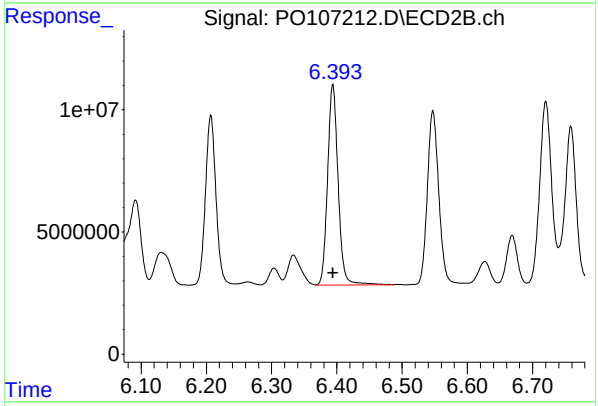
R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 78048903
Conc: 503.04 ng/ml



#32 AR-1260-2

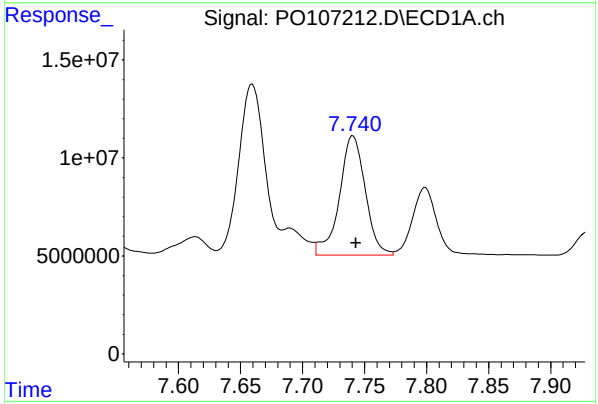
R.T.: 7.380 min
Delta R.T.: -0.002 min
Response: 129530294
Conc: 492.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO101524



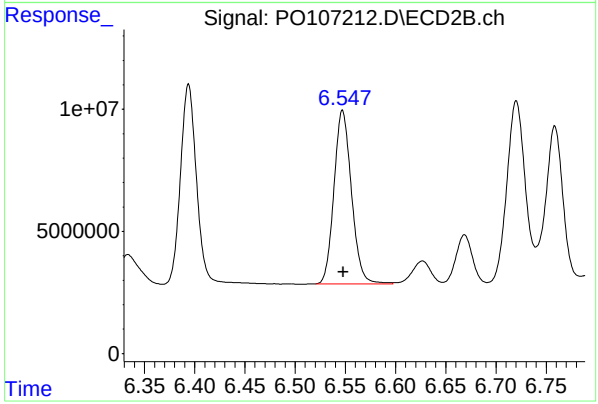
#32 AR-1260-2

R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 92023271
Conc: 522.52 ng/ml



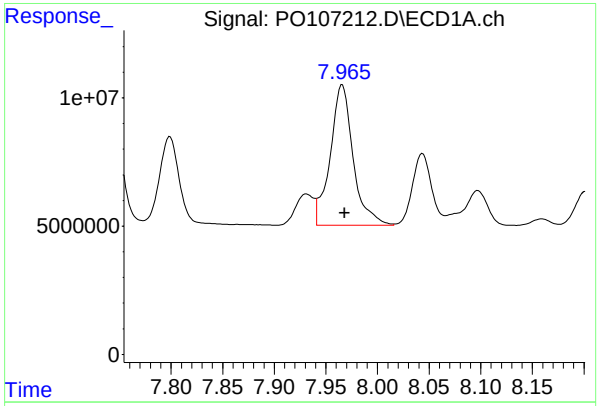
#33 AR-1260-3

R.T.: 7.741 min
Delta R.T.: -0.002 min
Response: 88394667
Conc: 491.78 ng/ml



#33 AR-1260-3

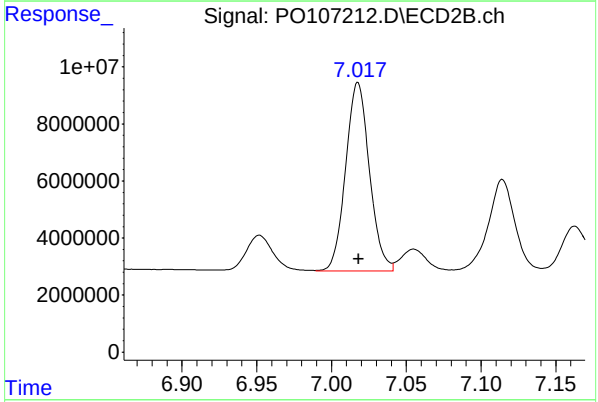
R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 86099269
Conc: 513.27 ng/ml



#34 AR-1260-4

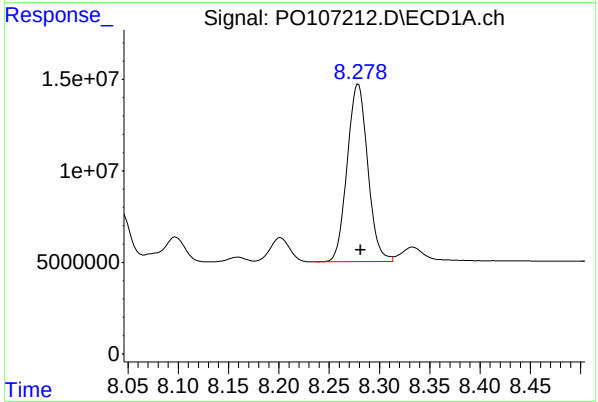
R.T.: 7.966 min
Delta R.T.: -0.002 min
Response: 84877632
Conc: 483.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO101524



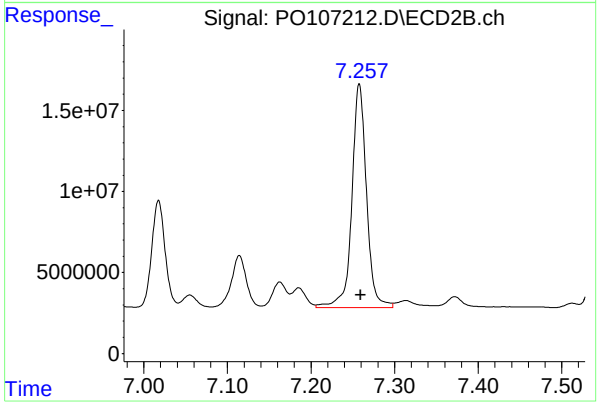
#34 AR-1260-4

R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 73152631
Conc: 505.61 ng/ml



#35 AR-1260-5

R.T.: 8.279 min
Delta R.T.: -0.002 min
Response: 138075337
Conc: 485.51 ng/ml



#35 AR-1260-5

R.T.: 7.258 min
Delta R.T.: -0.001 min
Response: 168025694
Conc: 510.03 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107213.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2024 03:12
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO101524AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 04:37:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:36:18 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.373	3.644	462.5E6	169.0E6	51.003	52.312
2)	SA Decachlor...	10.058	8.637	124.4E6	137.6E6	50.838	50.298
	Target Compounds						
16)	L4 AR-1242-1	5.522	4.726	112.5E6	42391283	503.251	506.204
17)	L4 AR-1242-2	5.544	4.745	161.7E6	59212746	499.677	512.049
18)	L4 AR-1242-3	5.606	4.921	104.8E6	32647360	501.419	514.673
19)	L4 AR-1242-4	5.703	5.004	80827975	32698937	505.157	510.527
20)	L4 AR-1242-5	6.436	5.526	77500840	39282831	495.270	506.721

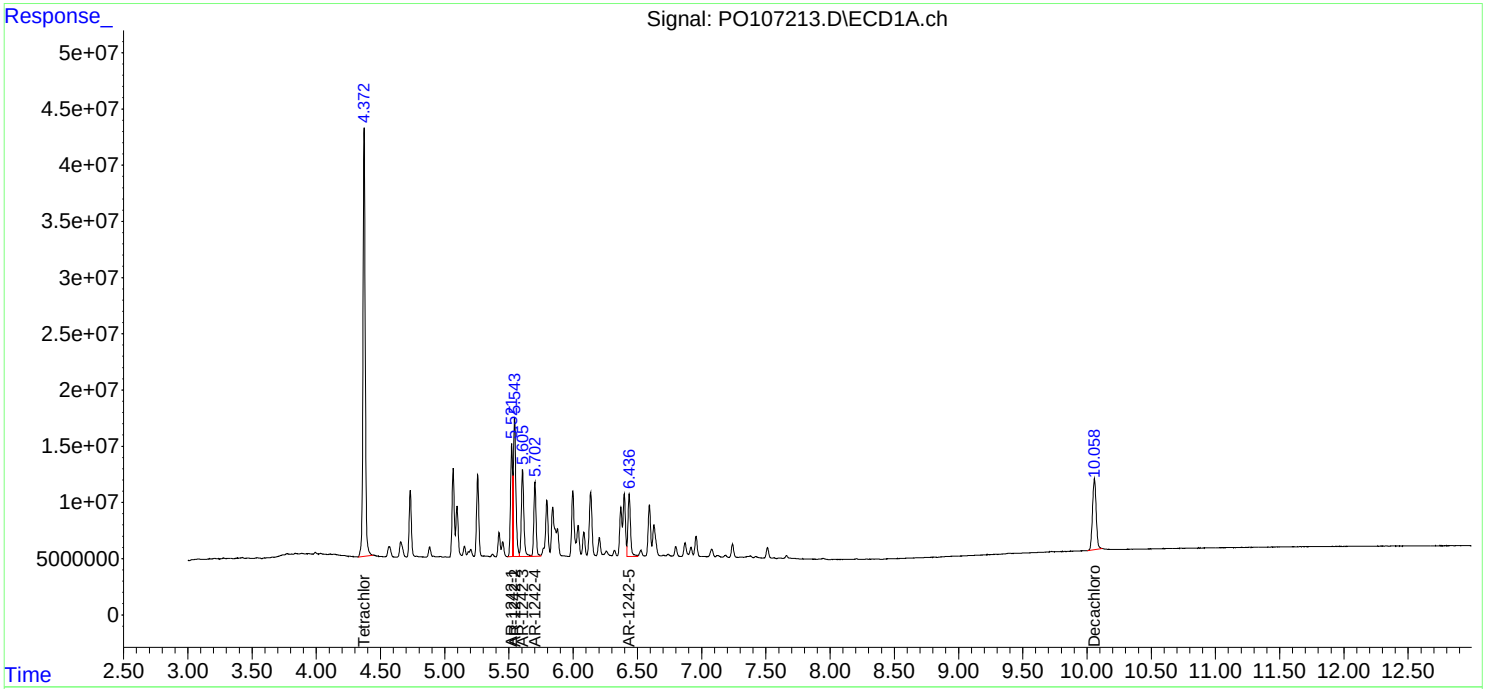
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

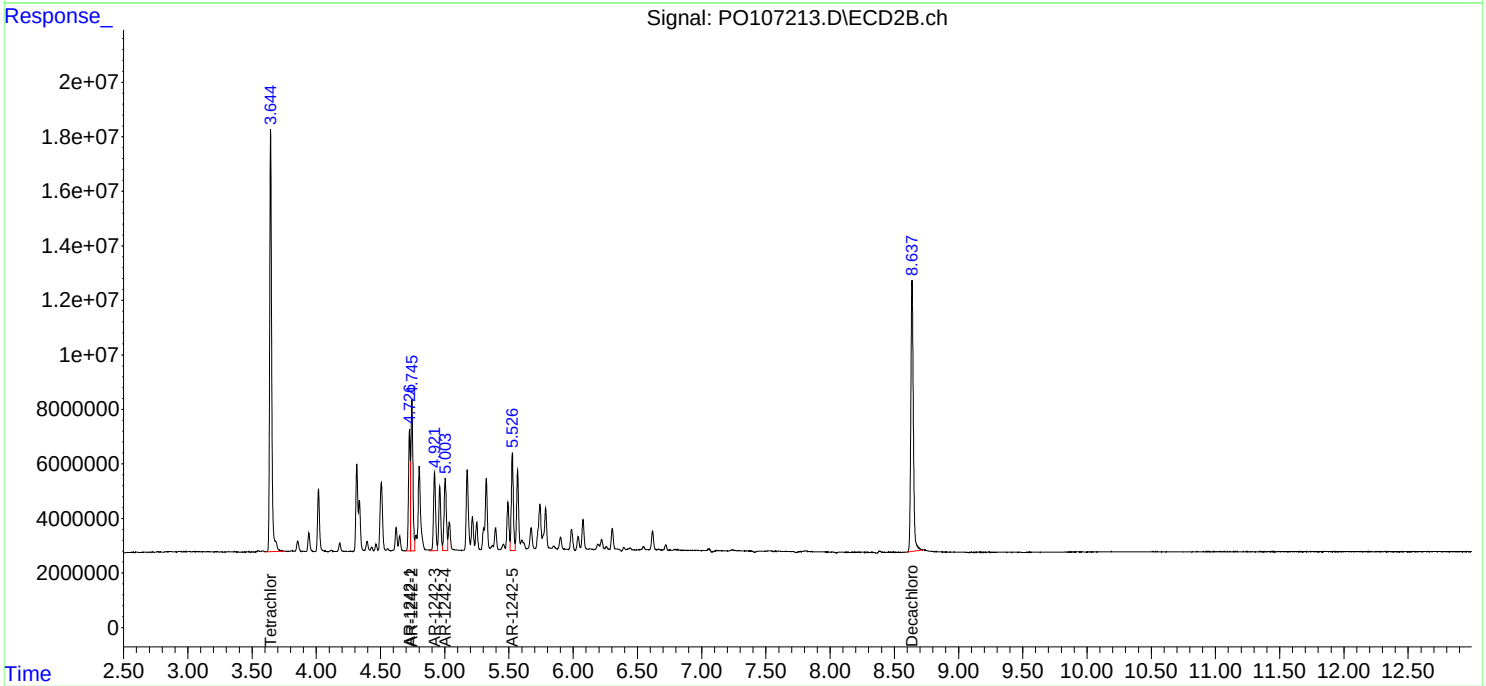
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107213.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2024 03:12
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

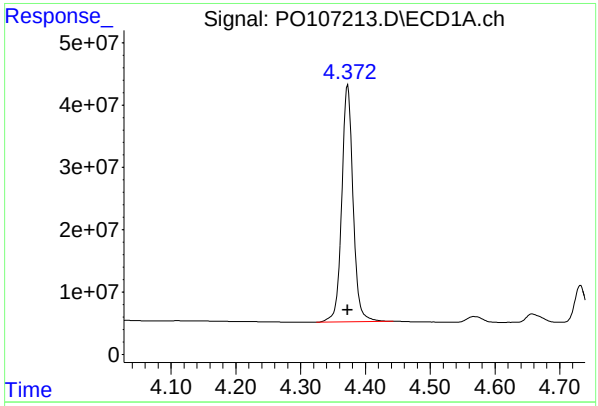
Instrument :
ECD_O
ClientSampleId :
ICVPO101524AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 04:37:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:36:18 2024
Response via : Initial Calibration
Integrator: ChemStation

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



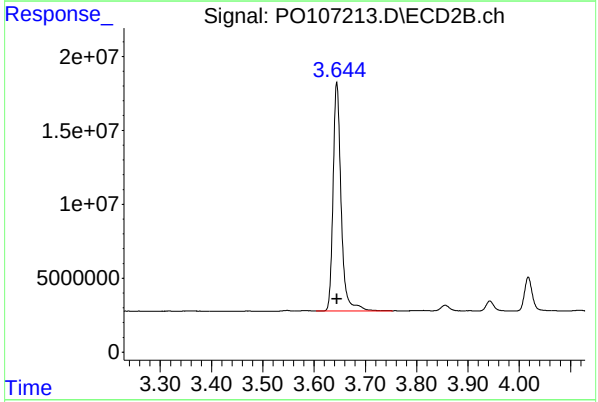




#1 Tetrachloro-m-xylene

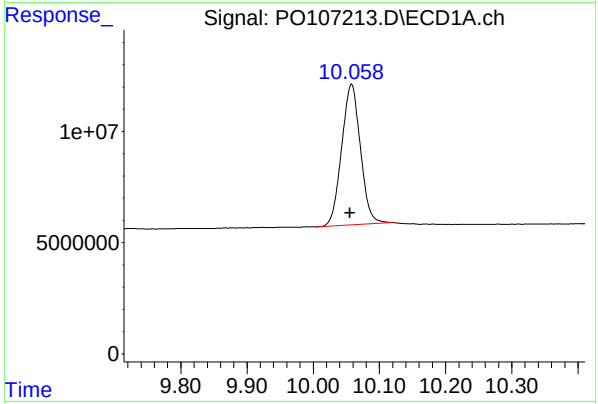
R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 462467958
Conc: 51.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO101524AR1242



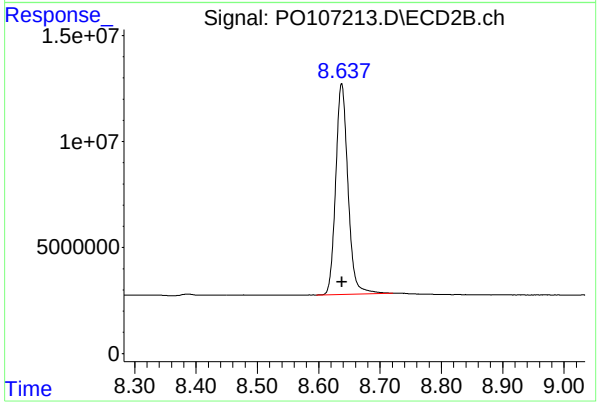
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 169014013
Conc: 52.31 ng/ml



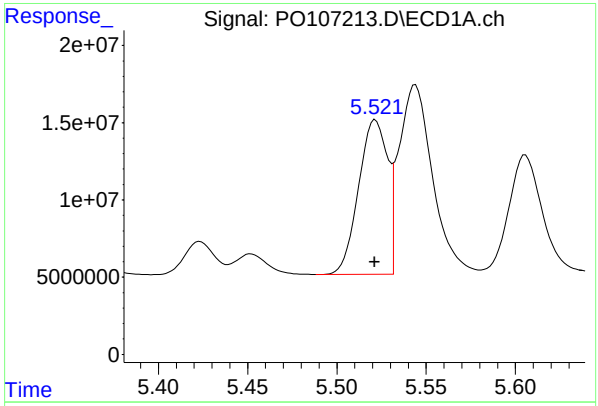
#2 Decachlorobiphenyl

R.T.: 10.058 min
Delta R.T.: 0.003 min
Response: 124432920
Conc: 50.84 ng/ml



#2 Decachlorobiphenyl

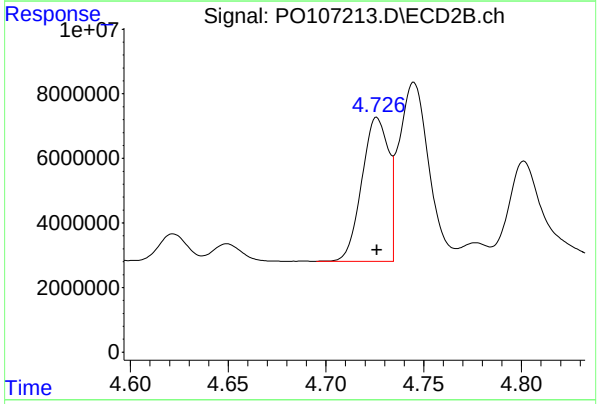
R.T.: 8.637 min
Delta R.T.: 0.000 min
Response: 137612293
Conc: 50.30 ng/ml



#16 AR-1242-1

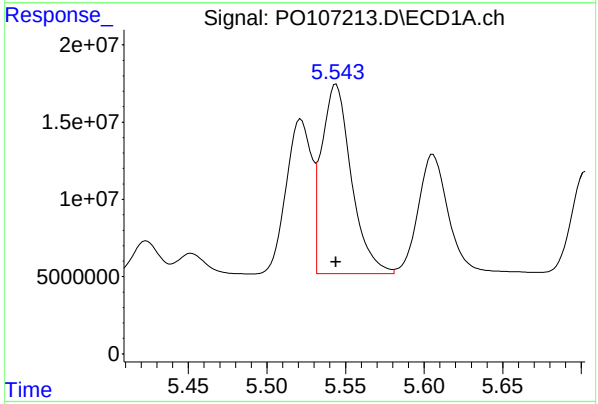
R.T.: 5.522 min
Delta R.T.: 0.000 min
Response: 112547896
Conc: 503.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO101524AR1242



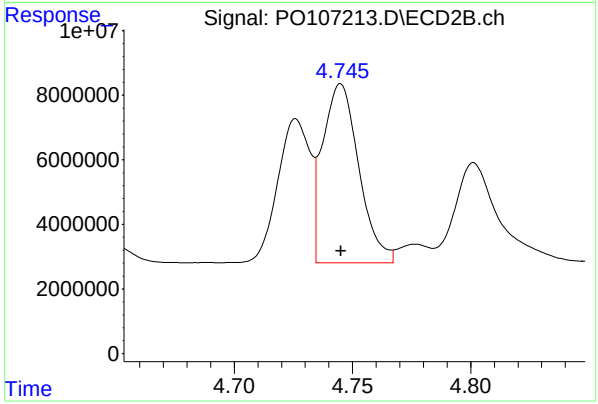
#16 AR-1242-1

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 42391283
Conc: 506.20 ng/ml



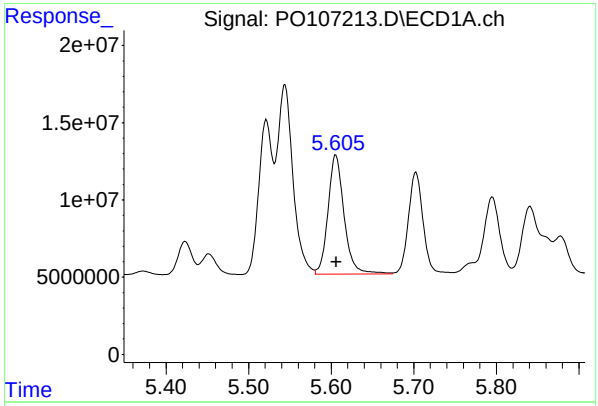
#17 AR-1242-2

R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 161655864
Conc: 499.68 ng/ml



#17 AR-1242-2

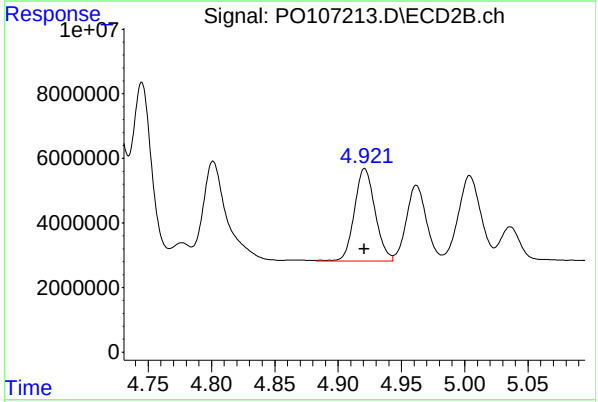
R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 59212746
Conc: 512.05 ng/ml



#18 AR-1242-3

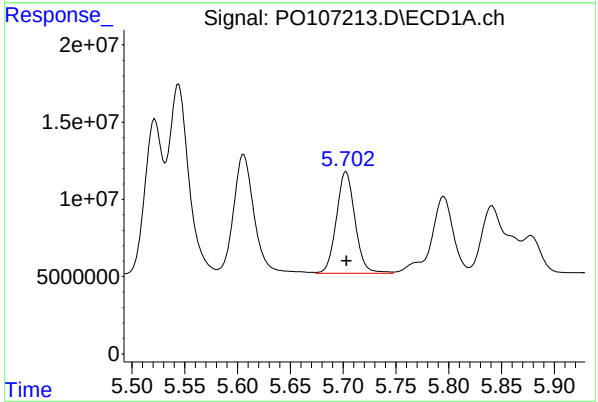
R.T.: 5.606 min
Delta R.T.: 0.000 min
Response: 104784876
Conc: 501.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO101524AR1242



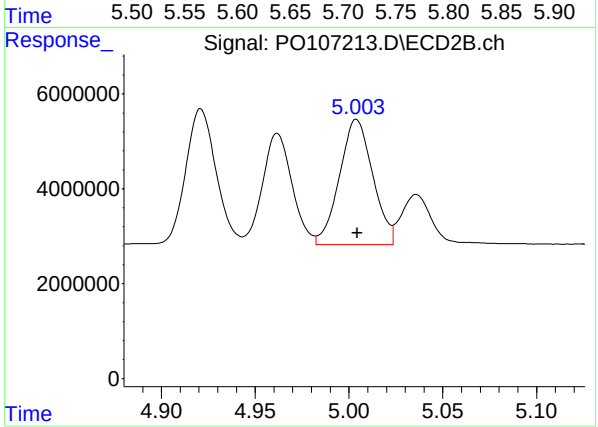
#18 AR-1242-3

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 32647360
Conc: 514.67 ng/ml



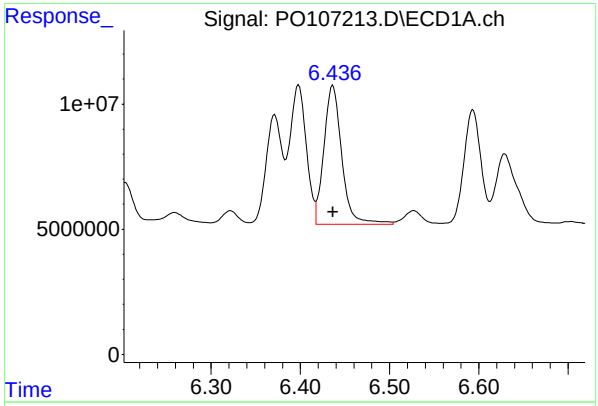
#19 AR-1242-4

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 80827975
Conc: 505.16 ng/ml



#19 AR-1242-4

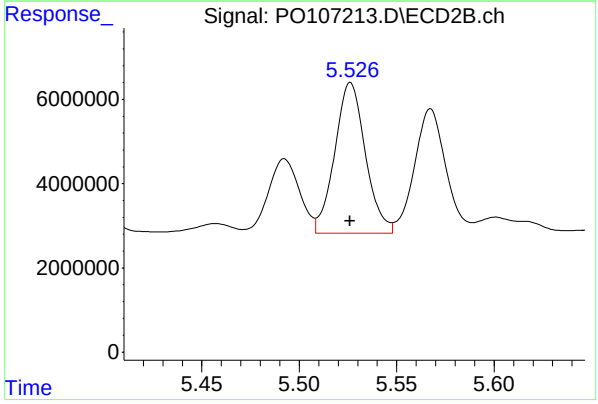
R.T.: 5.004 min
Delta R.T.: 0.000 min
Response: 32698937
Conc: 510.53 ng/ml



#20 AR-1242-5

R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 77500840
Conc: 495.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO101524AR1242



#20 AR-1242-5

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 39282831
Conc: 506.72 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107214.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2024 03:30
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO101524AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 04:41:20 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:40:31 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.372	3.644	468.2E6	171.8E6	51.242	52.316
2)	SA Decachlor...	10.056	8.637	126.4E6	139.3E6	51.882	50.991
	Target Compounds						
21)	L5 AR-1248-1	5.521	4.726	87306267	32470217	502.117	511.816
22)	L5 AR-1248-2	5.794	4.962	126.0E6	46450269	498.018	507.736
23)	L5 AR-1248-3	5.997	5.004	130.0E6	48736000	508.271	510.896
24)	L5 AR-1248-4	6.397	5.175	129.0E6	57212370	500.494	510.195
25)	L5 AR-1248-5	6.436	5.567	130.2E6	54714064	500.737	496.185

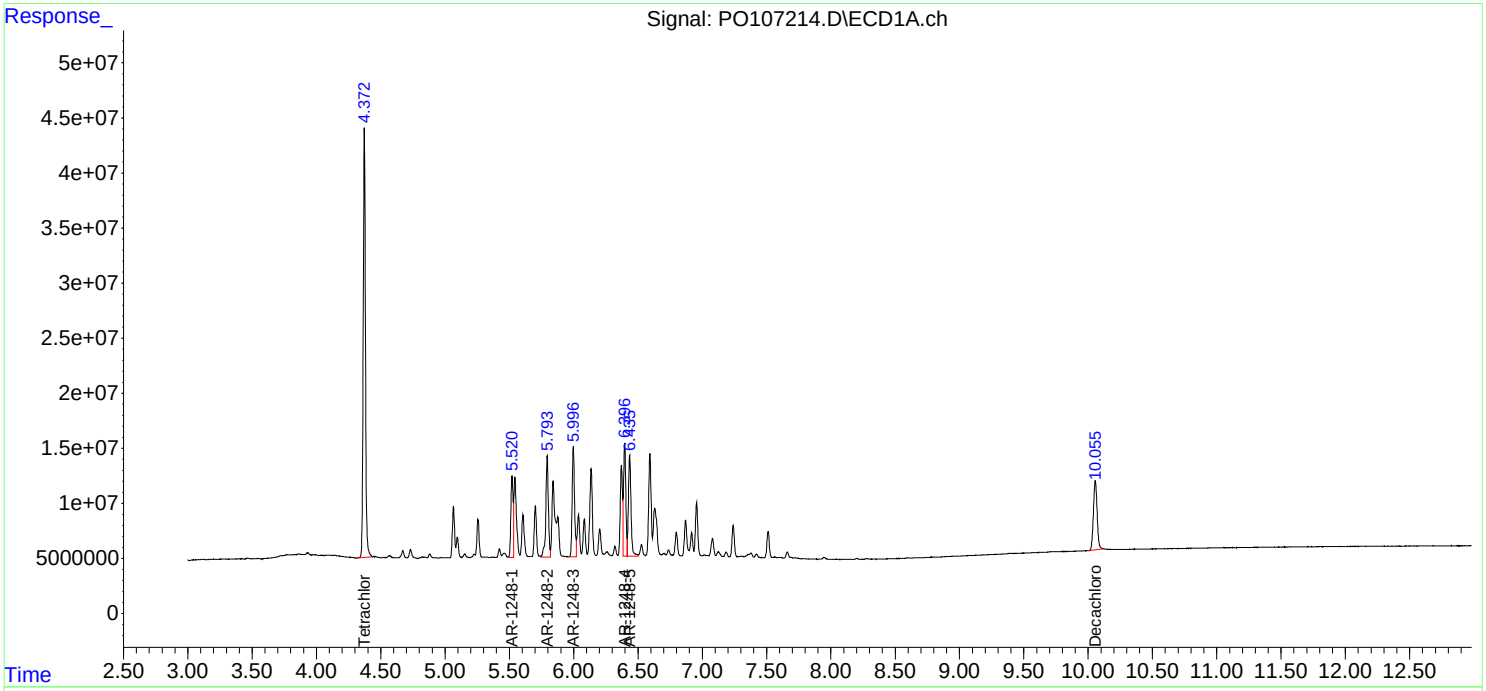
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

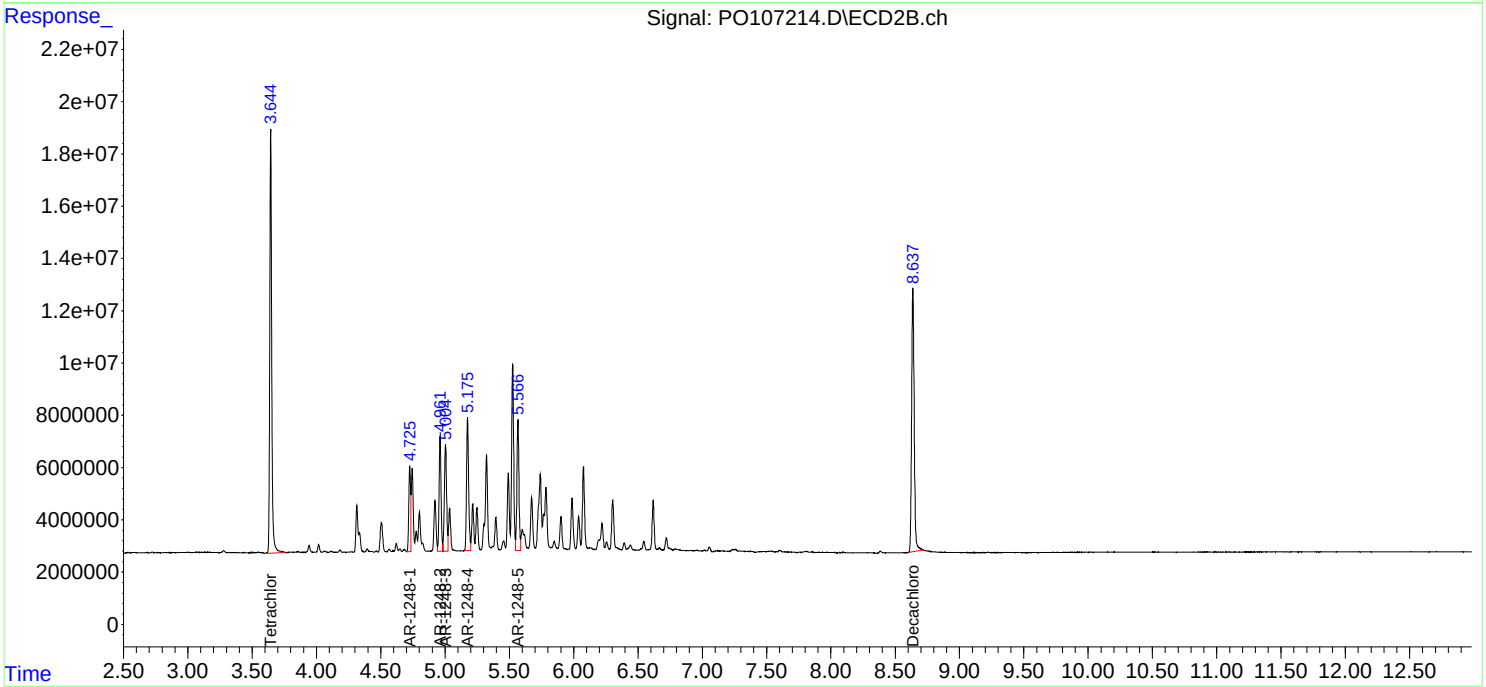
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107214.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2024 03:30
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

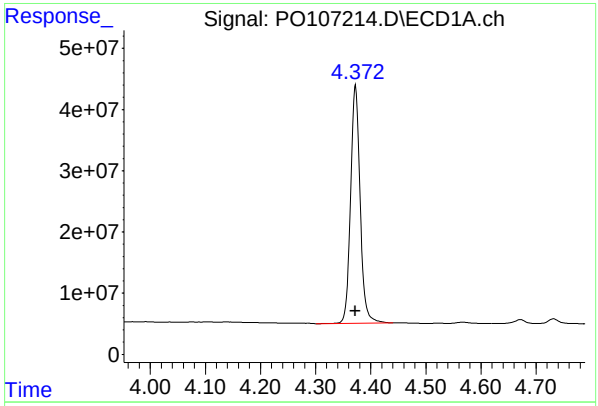
Instrument :
ECD_O
ClientSampleId :
ICVPO101524AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 04:41:20 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:40:31 2024
Response via : Initial Calibration
Integrator: ChemStation

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



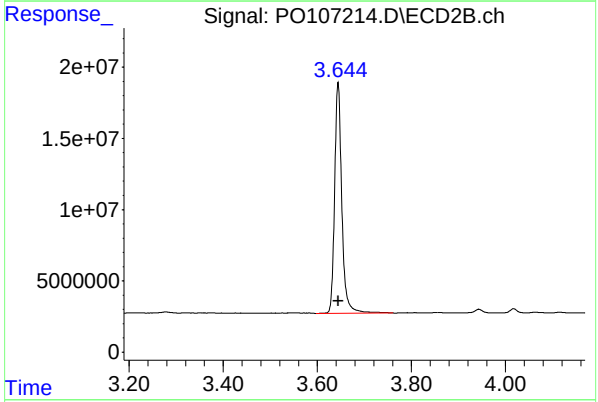




#1 Tetrachloro-m-xylene

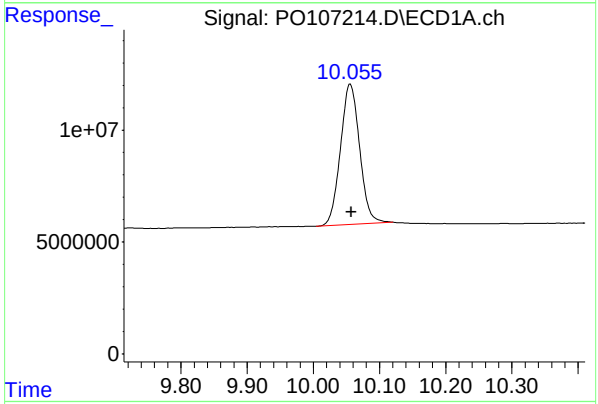
R.T.: 4.372 min
Delta R.T.: 0.000 min
Response: 468218495
Conc: 51.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO101524AR1248



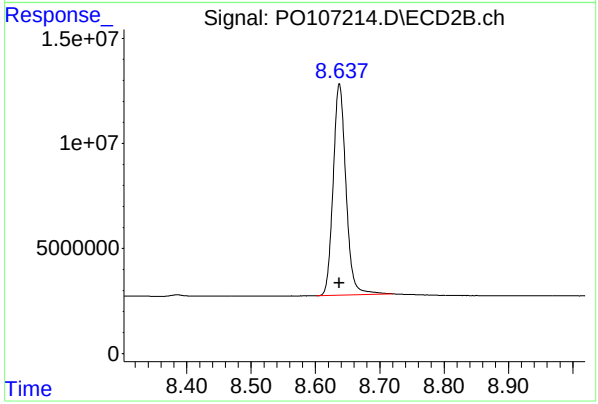
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 171820409
Conc: 52.32 ng/ml



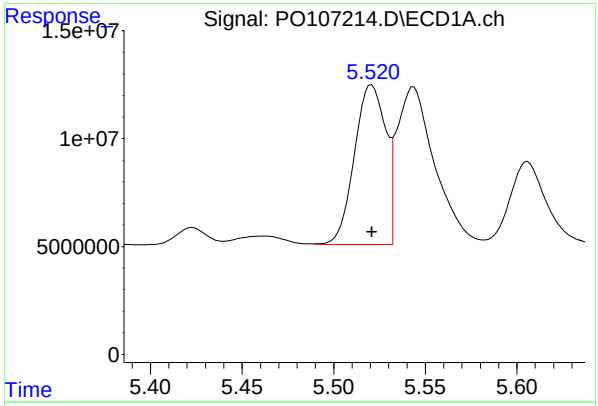
#2 Decachlorobiphenyl

R.T.: 10.056 min
Delta R.T.: -0.002 min
Response: 126367490
Conc: 51.88 ng/ml



#2 Decachlorobiphenyl

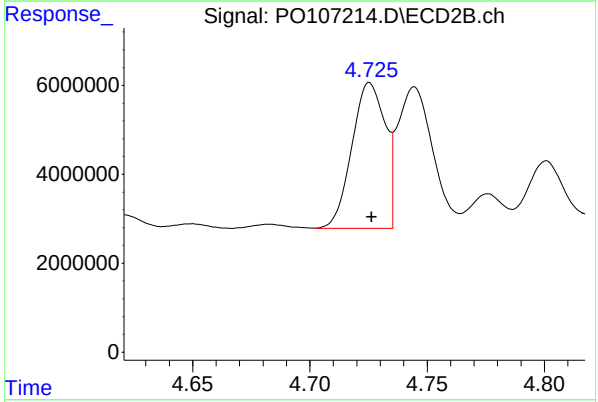
R.T.: 8.637 min
Delta R.T.: 0.000 min
Response: 139311316
Conc: 50.99 ng/ml



#21 AR-1248-1

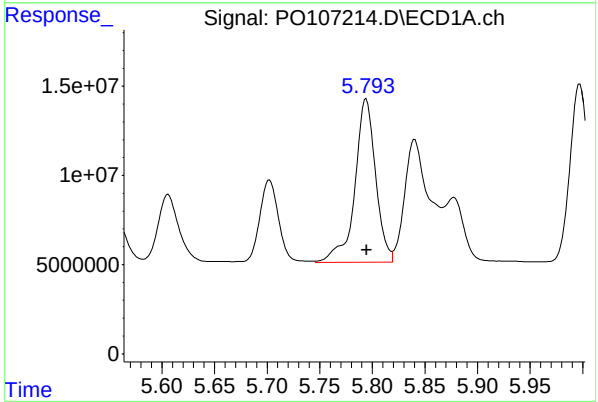
R.T.: 5.521 min
Delta R.T.: 0.000 min
Response: 87306267
Conc: 502.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO101524AR1248



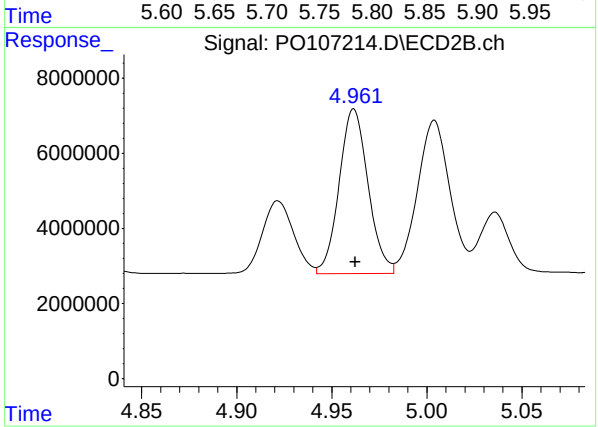
#21 AR-1248-1

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 32470217
Conc: 511.82 ng/ml



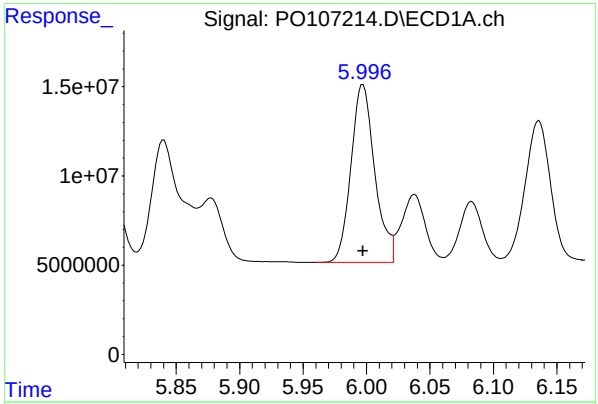
#22 AR-1248-2

R.T.: 5.794 min
Delta R.T.: 0.000 min
Response: 126011117
Conc: 498.02 ng/ml



#22 AR-1248-2

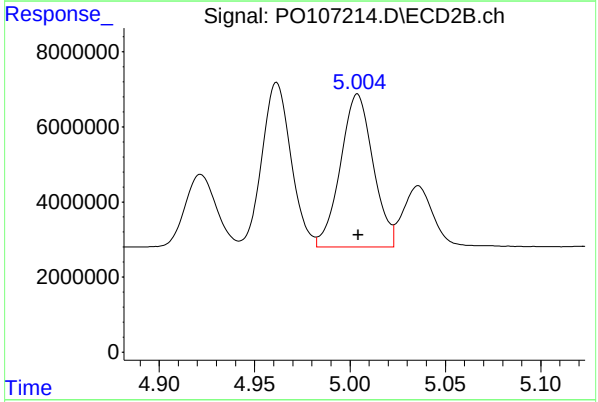
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 46450269
Conc: 507.74 ng/ml



#23 AR-1248-3

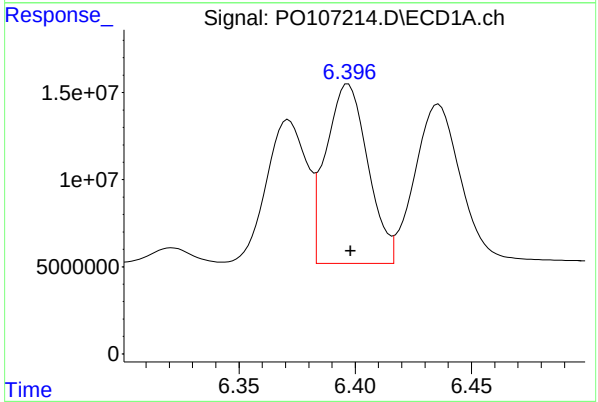
R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 129957922
Conc: 508.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO101524AR1248



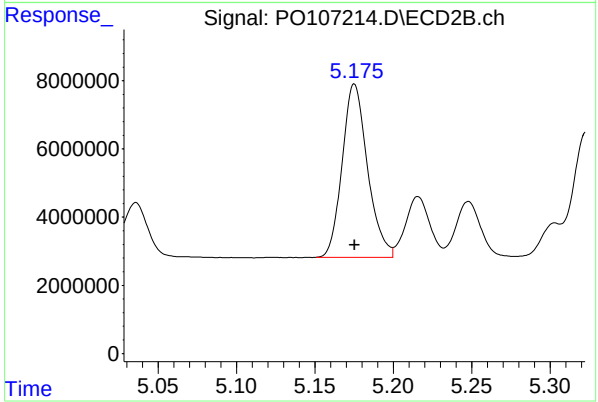
#23 AR-1248-3

R.T.: 5.004 min
Delta R.T.: 0.000 min
Response: 48736000
Conc: 510.90 ng/ml



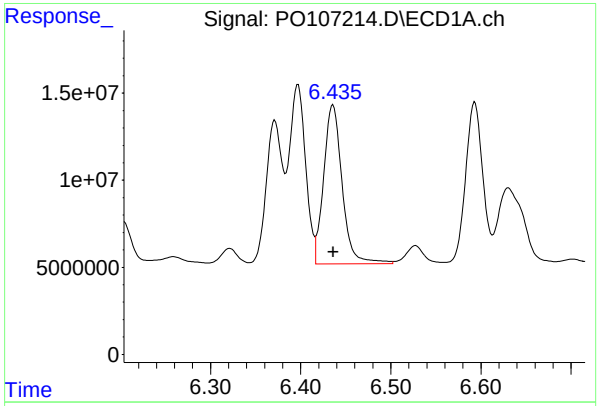
#24 AR-1248-4

R.T.: 6.397 min
Delta R.T.: -0.001 min
Response: 129038438
Conc: 500.49 ng/ml



#24 AR-1248-4

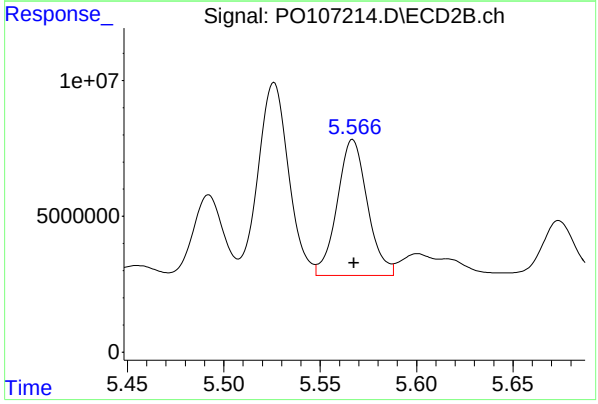
R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 57212370
Conc: 510.19 ng/ml



#25 AR-1248-5

R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 130213442
Conc: 500.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO101524AR1248



#25 AR-1248-5

R.T.: 5.567 min
Delta R.T.: 0.000 min
Response: 54714064
Conc: 496.18 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107215.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2024 03:48
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO101524AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 04:44:55 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:44:14 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.372	3.644	461.3E6	168.2E6	50.657	51.320
2)	SA Decachlor...	10.057	8.638	125.1E6	138.4E6	51.131	50.597
	Target Compounds						
26)	L6 AR-1254-1	6.374	5.527	132.5E6	83096071	492.928	504.260
27)	L6 AR-1254-2	6.592	5.673	186.6E6	72524753	494.424	500.299
28)	L6 AR-1254-3	6.956	6.077	177.6E6	116.6E6	496.443	508.012
29)	L6 AR-1254-4	7.242	6.304	112.6E6	65655140	490.851	507.289
30)	L6 AR-1254-5	7.661	6.722	102.5E6	98535916	493.779	515.754

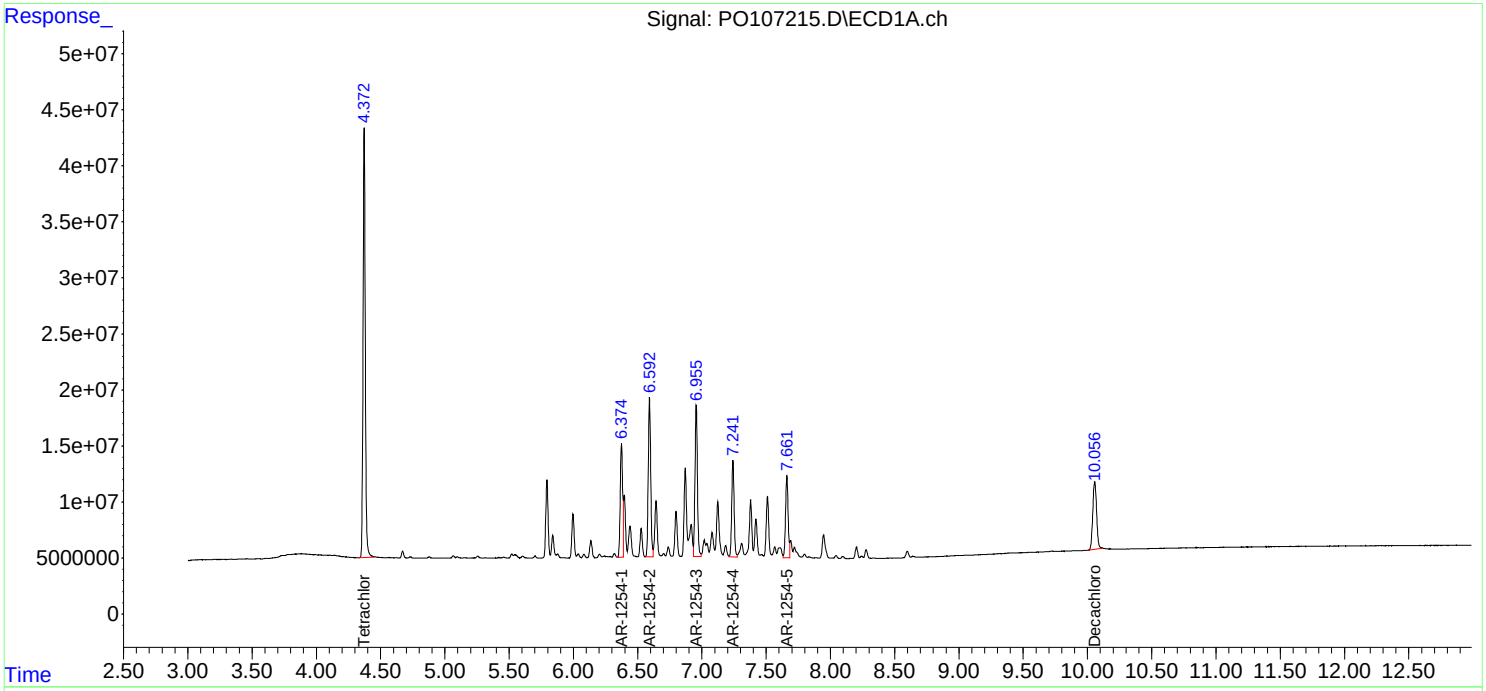
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

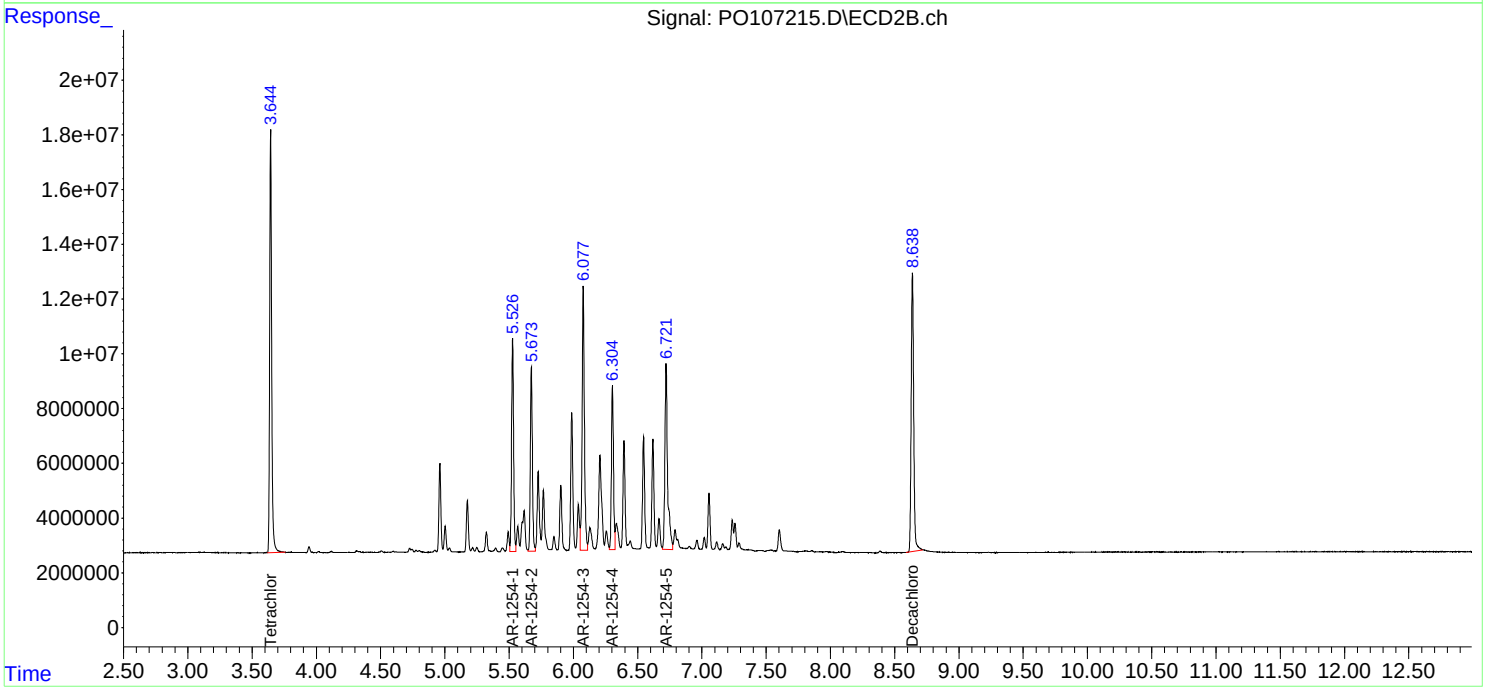
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107215.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2024 03:48
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

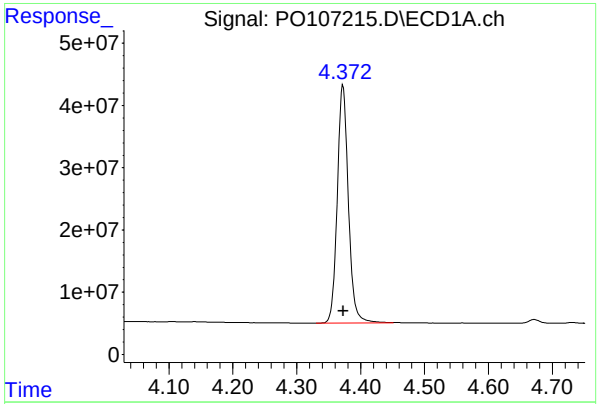
Instrument :
ECD_O
ClientSampleId :
ICVPO101524AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 04:44:55 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:44:14 2024
Response via : Initial Calibration
Integrator: ChemStation

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



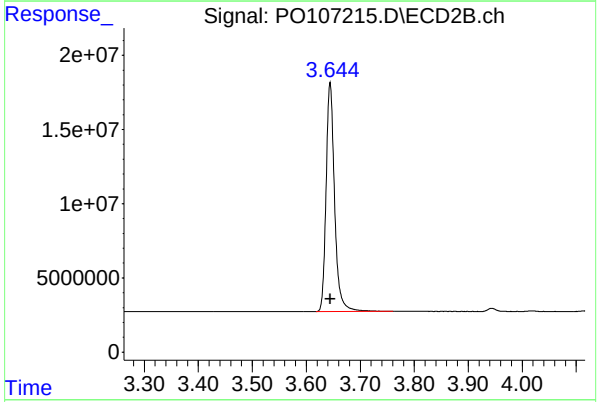




#1 Tetrachloro-m-xylene

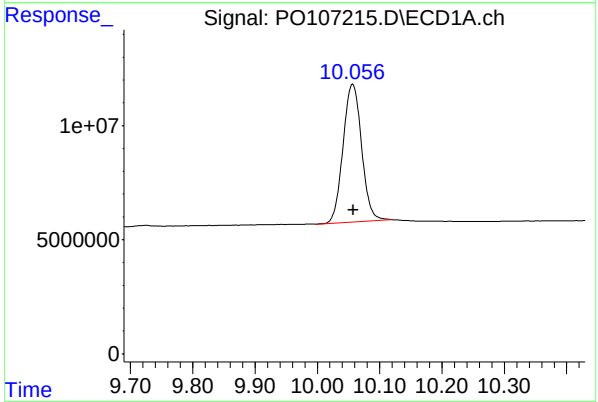
R.T.: 4.372 min
Delta R.T.: 0.000 min
Response: 461315023
Conc: 50.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO101524AR1254



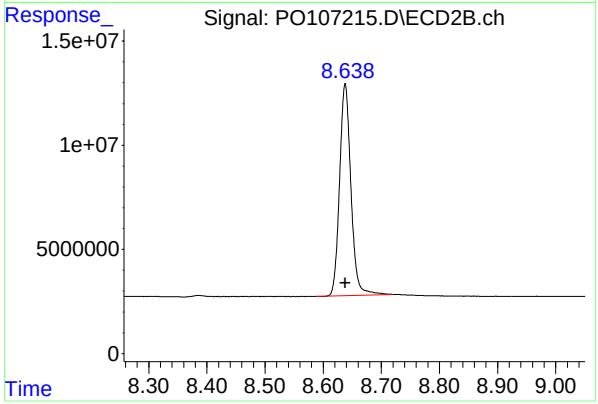
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 168249288
Conc: 51.32 ng/ml



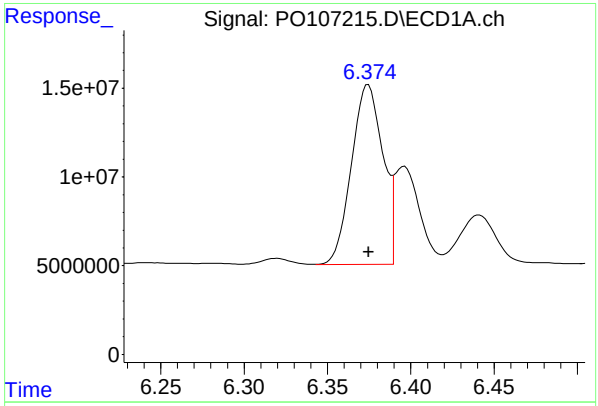
#2 Decachlorobiphenyl

R.T.: 10.057 min
Delta R.T.: 0.000 min
Response: 125059181
Conc: 51.13 ng/ml



#2 Decachlorobiphenyl

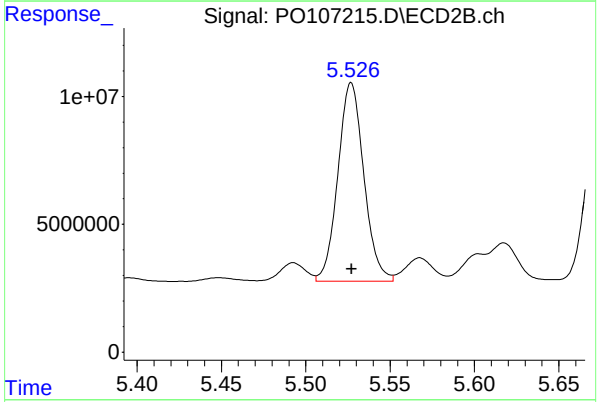
R.T.: 8.638 min
Delta R.T.: 0.000 min
Response: 138374954
Conc: 50.60 ng/ml



#26 AR-1254-1

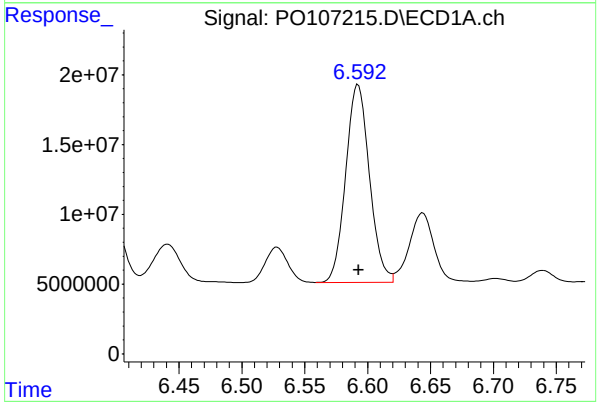
R.T.: 6.374 min
Delta R.T.: 0.000 min
Response: 132473603
Conc: 492.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO101524AR1254



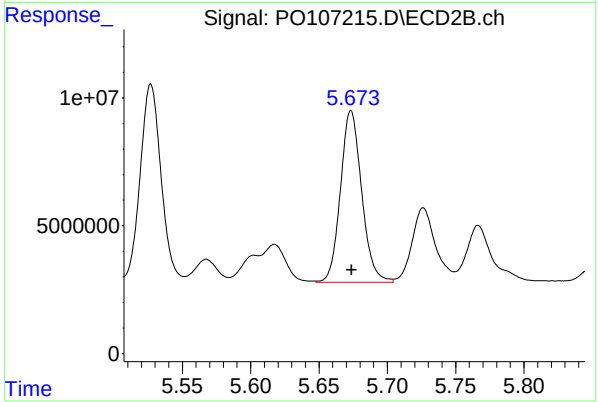
#26 AR-1254-1

R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 83096071
Conc: 504.26 ng/ml



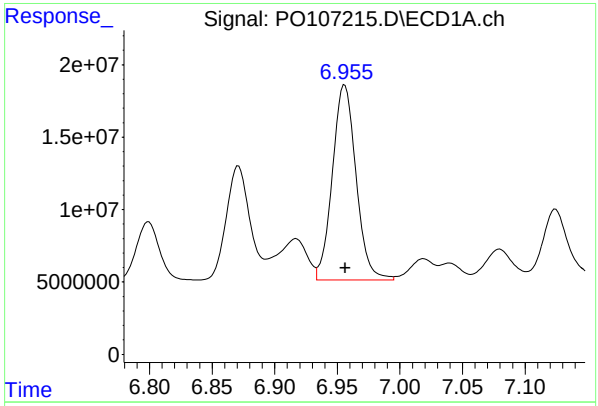
#27 AR-1254-2

R.T.: 6.592 min
Delta R.T.: 0.000 min
Response: 186598478
Conc: 494.42 ng/ml



#27 AR-1254-2

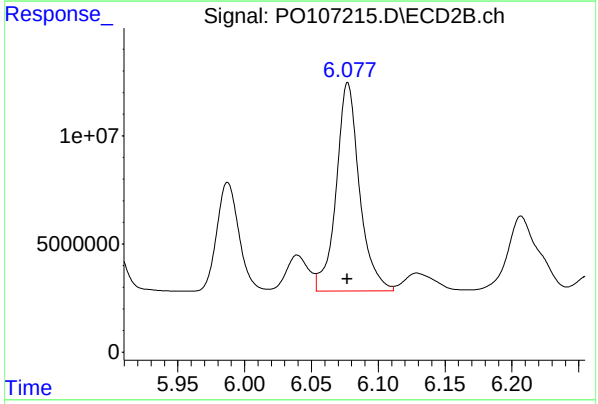
R.T.: 5.673 min
Delta R.T.: 0.000 min
Response: 72524753
Conc: 500.30 ng/ml



#28 AR-1254-3

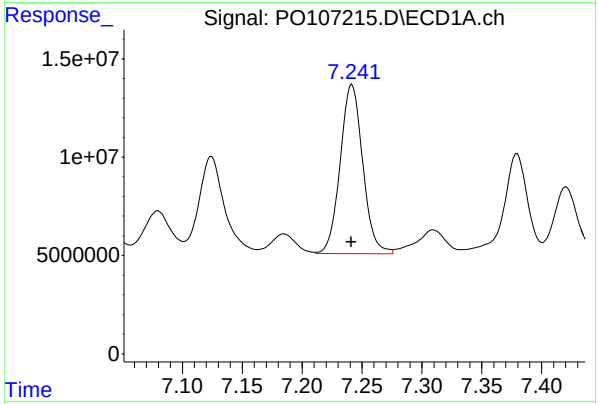
R.T.: 6.956 min
Delta R.T.: 0.000 min
Response: 177625713
Conc: 496.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO101524AR1254



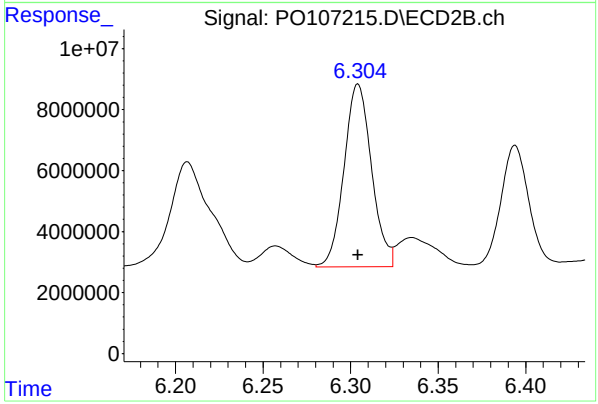
#28 AR-1254-3

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 116649998
Conc: 508.01 ng/ml



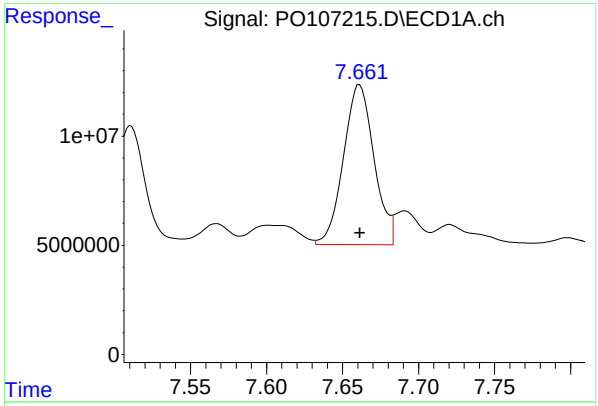
#29 AR-1254-4

R.T.: 7.242 min
Delta R.T.: 0.000 min
Response: 112608571
Conc: 490.85 ng/ml



#29 AR-1254-4

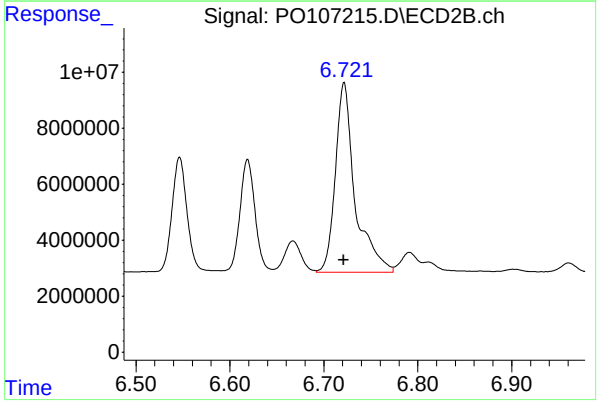
R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 65655140
Conc: 507.29 ng/ml



#30 AR-1254-5

R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 102531632
Conc: 493.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO101524AR1254



#30 AR-1254-5

R.T.: 6.722 min
Delta R.T.: 0.000 min
Response: 98535916
Conc: 515.75 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107216.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2024 04:06
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO101524AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 04:22:39 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 02:38:17 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.372	3.644	461.5E6	169.8E6	49.559	49.696
2)	SA Decachlor...	10.057	8.638	214.2E6	240.5E6	50.485	49.870
	Target Compounds						
41)	L9 AR-1268-1	8.588	7.541	182.7E6	207.4E6	501.152	501.118
42)	L9 AR-1268-2	8.678	7.606	163.0E6	192.3E6	501.726	501.439
43)	L9 AR-1268-3	8.907	7.812	141.7E6	170.9E6	501.280	503.353
44)	L9 AR-1268-4	9.313	8.096	57558867	64279608	501.757	505.004
45)	L9 AR-1268-5	9.721	8.385	423.5E6	510.6E6	499.926	501.994

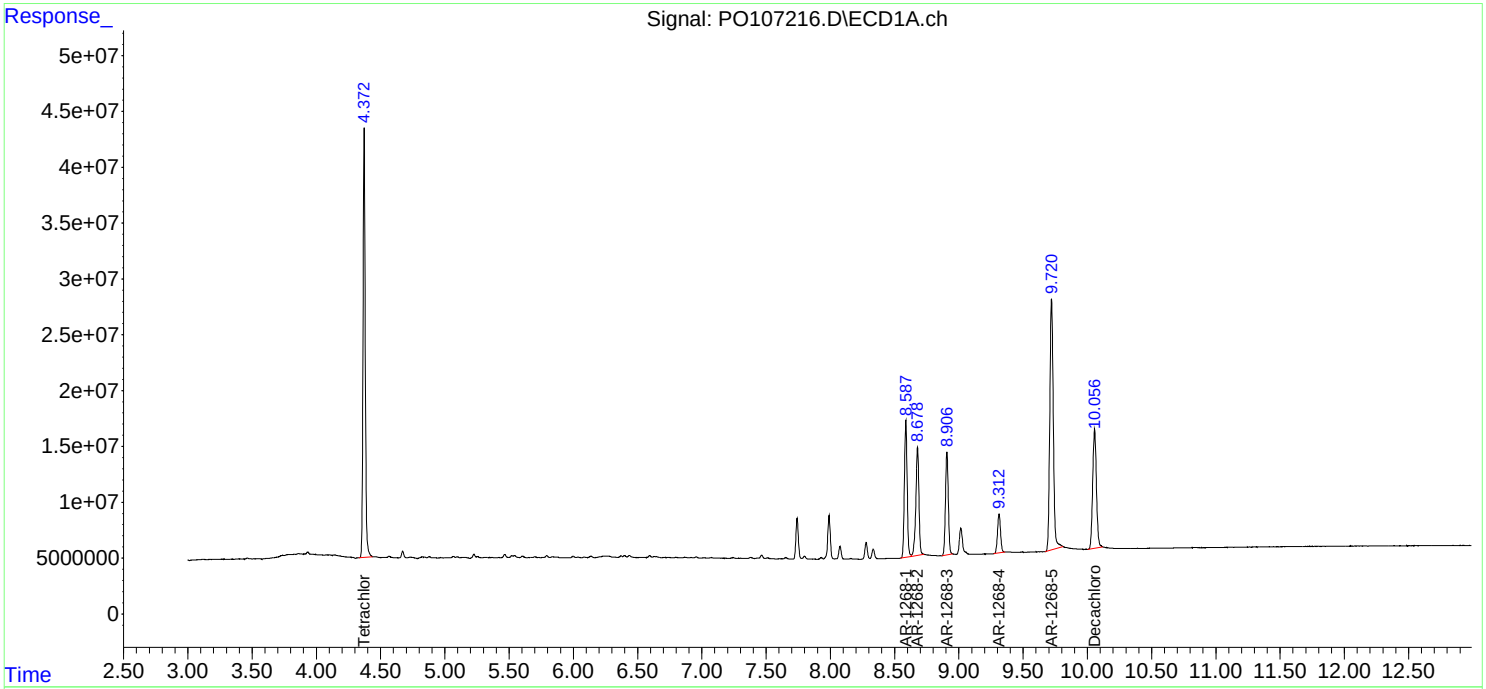
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

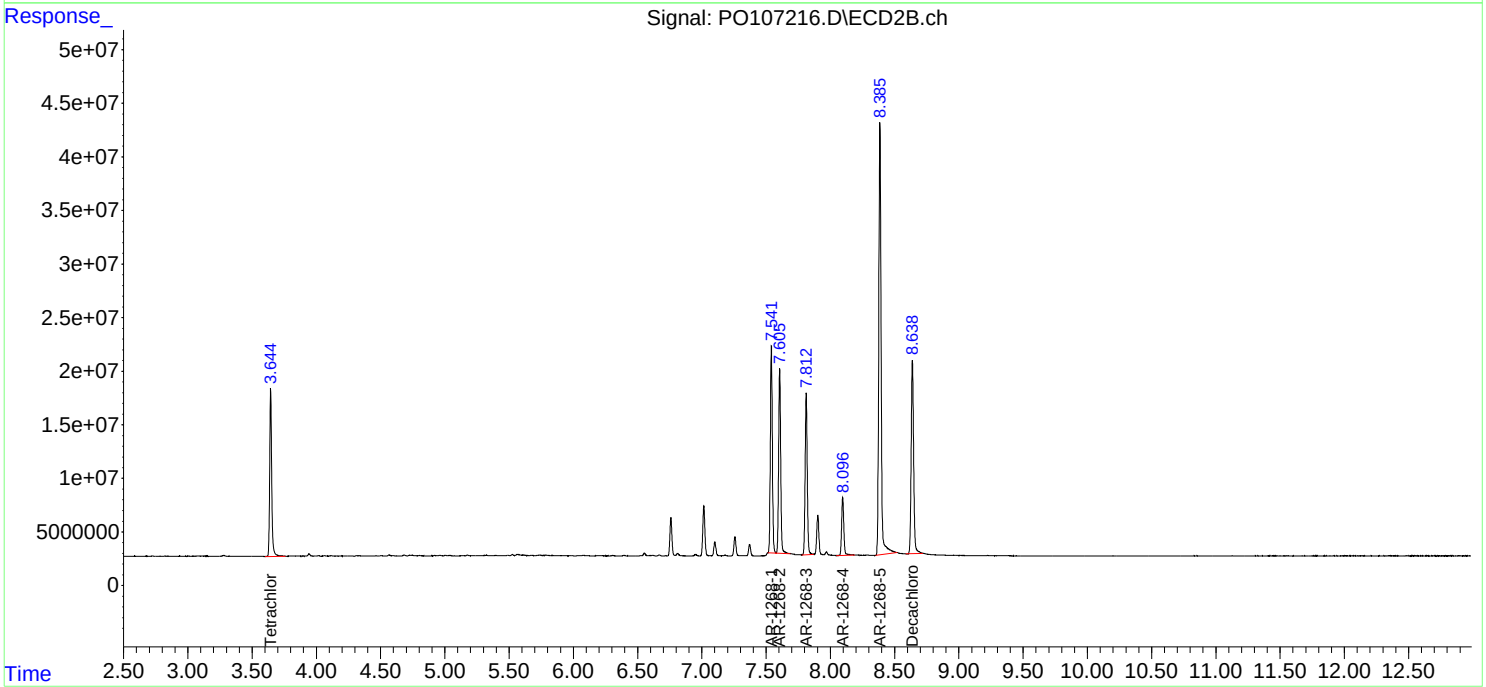
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107216.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2024 04:06
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

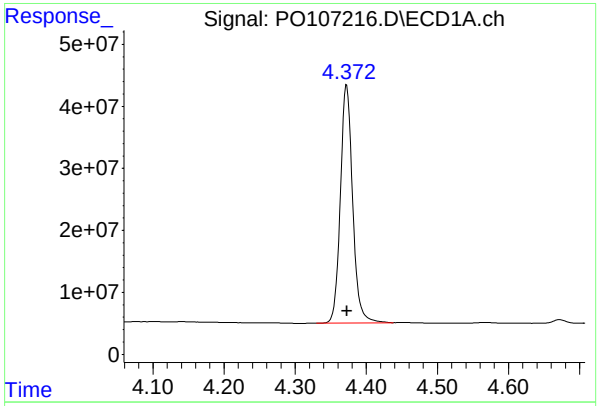
Instrument :
ECD_O
ClientSampleId :
ICVPO101524AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 04:22:39 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 02:38:17 2024
Response via : Initial Calibration
Integrator: ChemStation

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



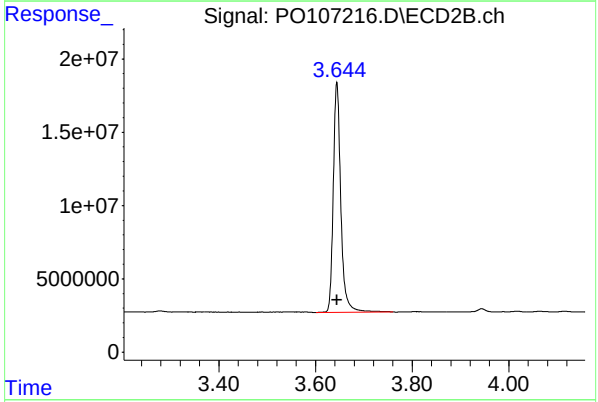




#1 Tetrachloro-m-xylene

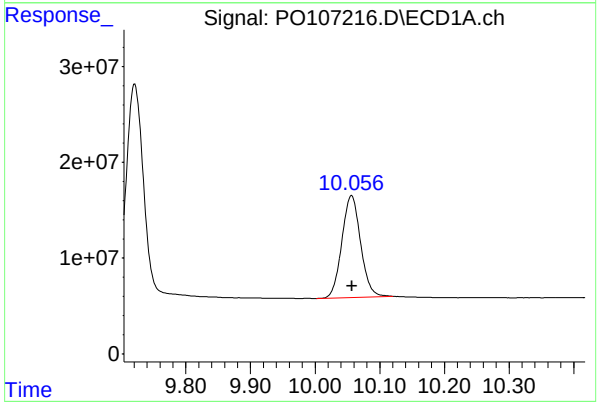
R.T.: 4.372 min
Delta R.T.: 0.000 min
Response: 461469891
Conc: 49.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO101524AR1268



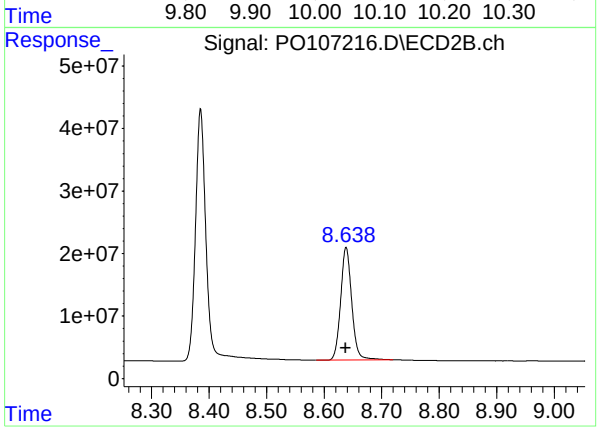
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 169767960
Conc: 49.70 ng/ml



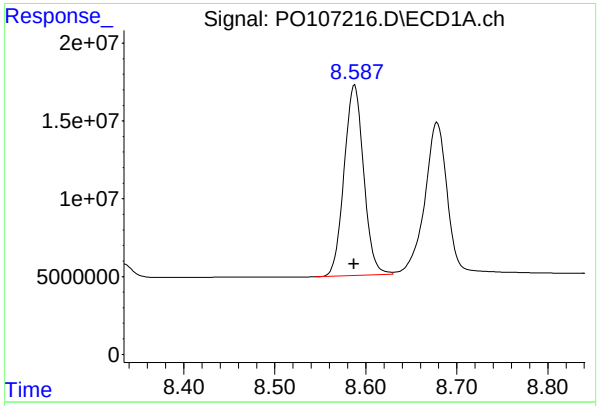
#2 Decachlorobiphenyl

R.T.: 10.057 min
Delta R.T.: 0.000 min
Response: 214156109
Conc: 50.49 ng/ml



#2 Decachlorobiphenyl

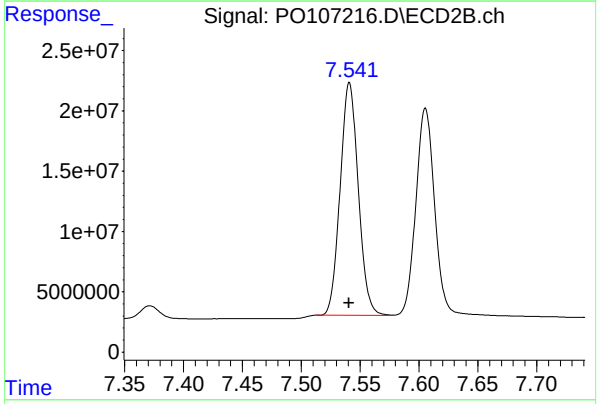
R.T.: 8.638 min
Delta R.T.: 0.000 min
Response: 240548821
Conc: 49.87 ng/ml



#41 AR-1268-1

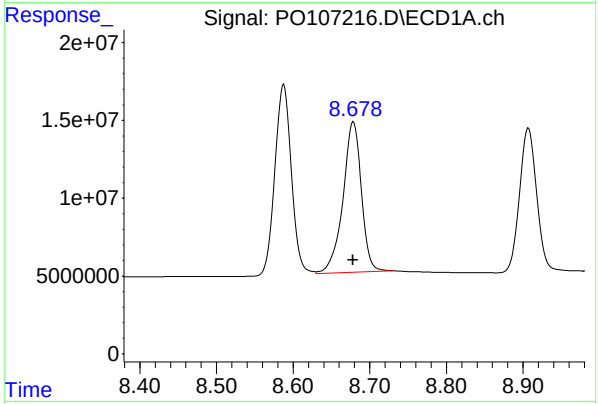
R.T.: 8.588 min
Delta R.T.: 0.000 min
Response: 182731516
Conc: 501.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO101524AR1268



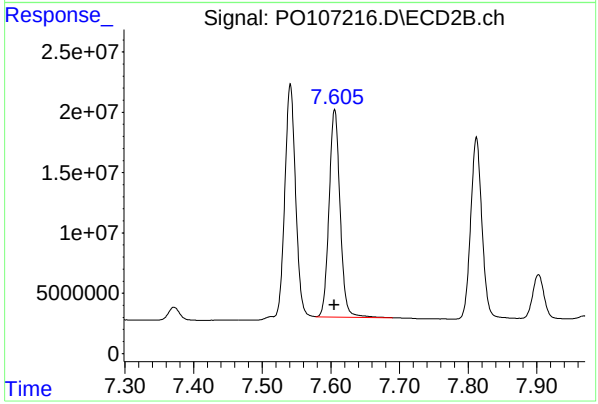
#41 AR-1268-1

R.T.: 7.541 min
Delta R.T.: 0.000 min
Response: 207394627
Conc: 501.12 ng/ml



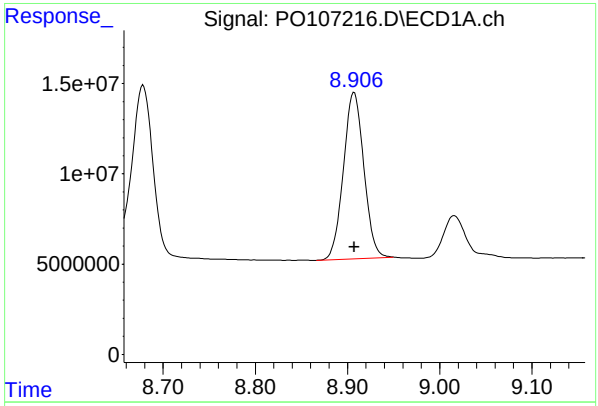
#42 AR-1268-2

R.T.: 8.678 min
Delta R.T.: 0.000 min
Response: 162992089
Conc: 501.73 ng/ml



#42 AR-1268-2

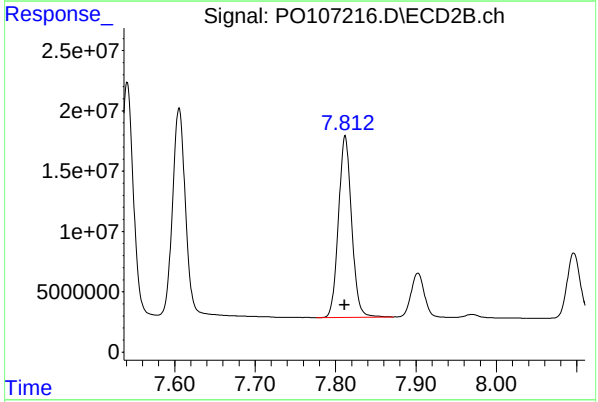
R.T.: 7.606 min
Delta R.T.: 0.000 min
Response: 192310933
Conc: 501.44 ng/ml



#43 AR-1268-3

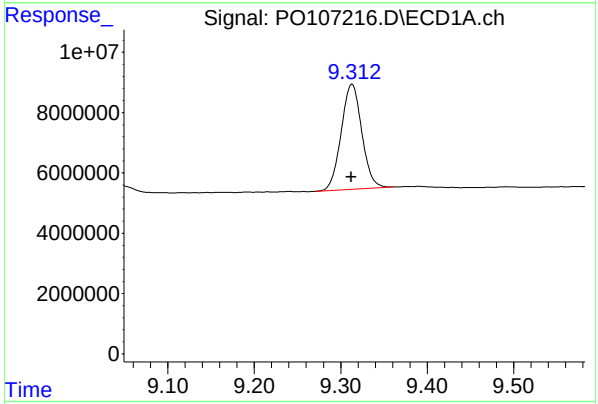
R.T.: 8.907 min
Delta R.T.: 0.000 min
Response: 141671687
Conc: 501.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO101524AR1268



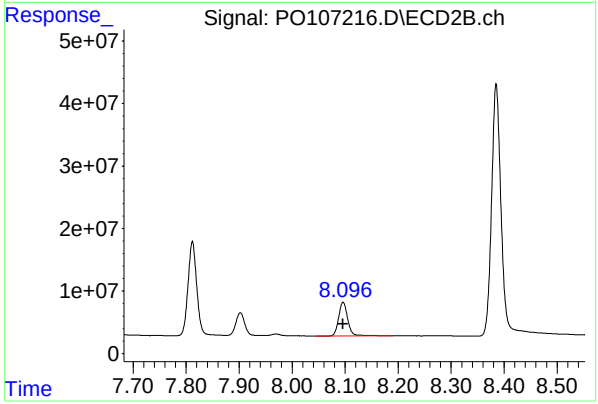
#43 AR-1268-3

R.T.: 7.812 min
Delta R.T.: 0.000 min
Response: 170906328
Conc: 503.35 ng/ml



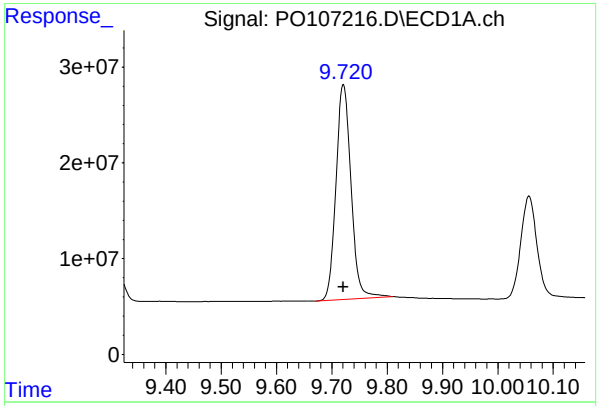
#44 AR-1268-4

R.T.: 9.313 min
Delta R.T.: 0.000 min
Response: 57558867
Conc: 501.76 ng/ml



#44 AR-1268-4

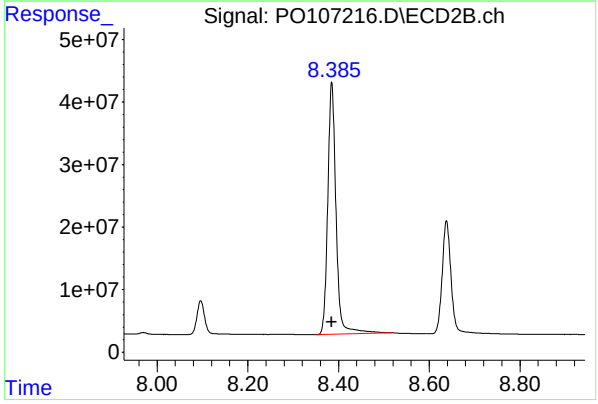
R.T.: 8.096 min
Delta R.T.: 0.000 min
Response: 64279608
Conc: 505.00 ng/ml



#45 AR-1268-5

R.T.: 9.721 min
Delta R.T.: 0.000 min
Response: 423468972
Conc: 499.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO101524AR1268



#45 AR-1268-5

R.T.: 8.385 min
Delta R.T.: 0.000 min
Response: 510568070
Conc: 501.99 ng/ml

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Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

Instrument ID: ECD_O **Calibration Date(s):** 10/28/2024 10/28/2024

Calibration Times: 09:34 10:46

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

LAB FILE ID: RT 1000 = PO107415.D RT 750 = PO107416.D

RT 500 = PO107417.D RT 250 = PO107418.D RT 050 = PO107419.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1221-1	(1)	4.57	4.57	4.57	4.57	4.57	4.57	4.47	4.67
Aroclor-1221-2	(2)	4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76
Aroclor-1221-3	(3)	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.83
Decachlorobiphenyl		10.06	10.06	10.06	10.06	10.06	10.06	9.96	10.16
Tetrachloro-m-xylene		4.37	4.37	4.37	4.37	4.37	4.37	4.27	4.47

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Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

Instrument ID: ECD_O **Calibration Date(s):** 10/28/2024 10/28/2024

Calibration Times: 09:34 10:46

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

LAB FILE ID: RT 1000 = PO107415.D RT 750 = PO107416.D

RT 500 = PO107417.D RT 250 = PO107418.D RT 050 = PO107419.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1221-1	(1)	3.86	3.86	3.86	3.86	3.86	3.86	3.76	3.96
Aroclor-1221-2	(2)	3.94	3.94	3.94	3.94	3.94	3.94	3.84	4.04
Aroclor-1221-3	(3)	4.02	4.02	4.02	4.02	4.02	4.02	3.92	4.12
Decachlorobiphenyl		8.64	8.63	8.63	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.64	3.64	3.64	3.64	3.64	3.64	3.54	3.74

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Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

Instrument ID: ECD_O **Calibration Date(s):** 10/28/2024 10/28/2024

Calibration Times: 09:34 10:46

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

LAB FILE ID: **CF 1000 =** PO107415.D **CF 750 =** PO107416.D

CF 500 = PO107417.D **CF 250 =** PO107418.D **CF 050 =** PO107419.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1221-1	(1)	102622481	106822239	113506836	119050720	115590160	111518487	6
Aroclor-1221-2	(2)	73843311	77090631	82153862	87705808	88792760	81917274	8
Aroclor-1221-3	(3)	216166335	225272985	237676422	256699116	260633100	239289592	8
Decachlorobiphenyl		2202322900	2277801413	2398089540	2507915520	2399564800	2357138835	5
Tetrachloro-m-xylene		8923238900	9024945213	9308312800	9477694080	8794415000	9105721199	3

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Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

Instrument ID: ECD_O **Calibration Date(s):** 10/28/2024 10/28/2024

Calibration Times: 09:34 10:46

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

LAB FILE ID: **CF 1000 =** PO107415.D **CF 750 =** PO107416.D

CF 500 = PO107417.D **CF 250 =** PO107418.D **CF 050 =** PO107419.D

COMPOUND	CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1221-1 (1)	35576488	36433637	37744832	38678816	32784700	36243695	6
Aroclor-1221-2 (2)	27465164	28384011	29493154	30456612	29720220	29103832	4
Aroclor-1221-3 (3)	84083216	86892267	89808164	93083904	87343060	88242122	4
Decachlorobiphenyl	2643458700	2653627093	2771181340	2794463760	2500904400	2672727059	4
Tetrachloro-m-xylene	3369255270	3386064760	3396242860	3329085000	2853742400	3266878058	7

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Fax : 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

Instrument ID: _____ **Date(s) Analyzed:** _____ _____

GC Column: _____ **ID:** _____ (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
		1				
		2				
		3				
		4				
		5				

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
Data File : PO107415.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 09:34
Operator : YP/AJ
Sample : AR1221ICC1000
Misc :
ALS Vial : 96 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1221ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 11:04:12 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:01:24 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.371	3.643	892.3E6	336.9E6	97.888	99.601
2)	SA Decachlor...	10.057	8.635	220.2E6	264.3E6	95.745	97.641
	Target Compounds						
8)	L2 AR-1221-1	4.572	3.855	102.6E6	35576488	949.640	970.427
9)	L2 AR-1221-2	4.656	3.940	73843311	27465164	946.726	964.395
10)	L2 AR-1221-3	4.731	4.016	216.2E6	84083216	952.605	967.077

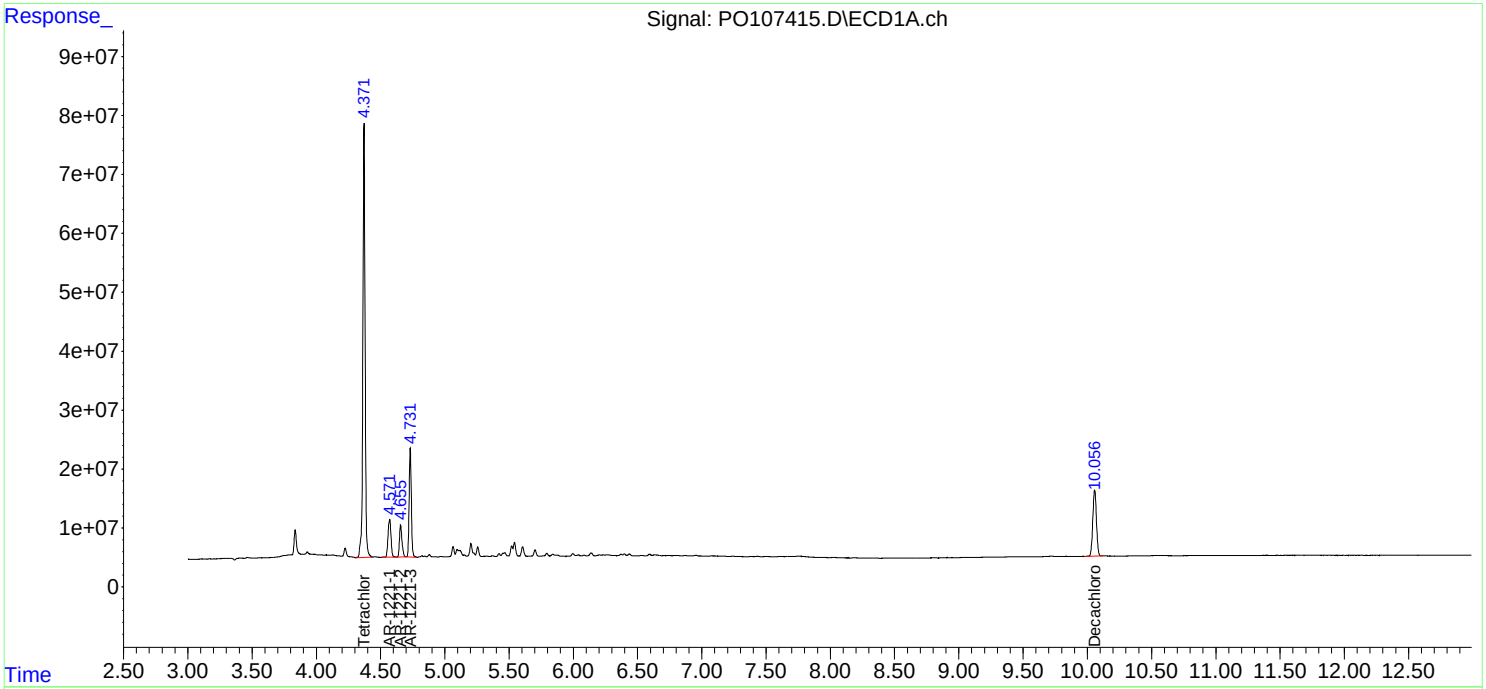
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

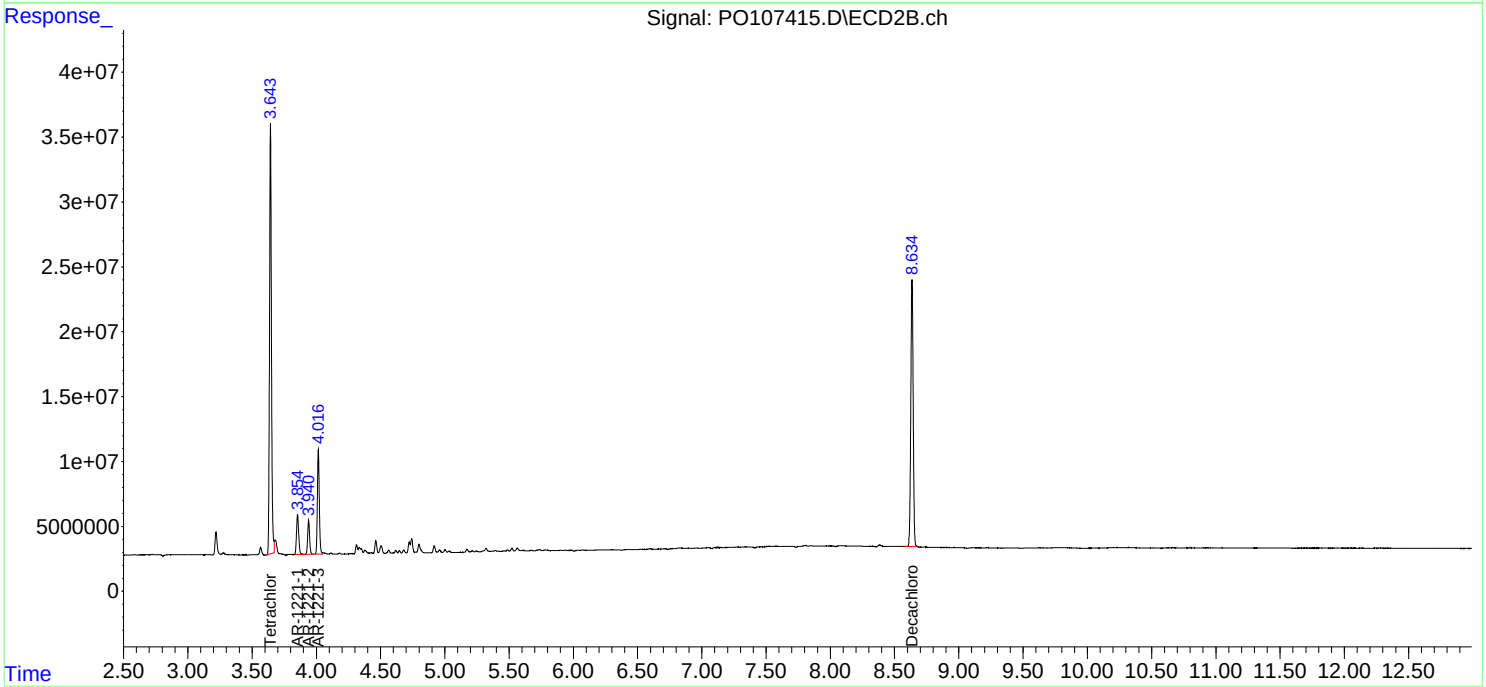
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
Data File : PO107415.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 09:34
Operator : YP/AJ
Sample : AR1221ICC1000
Misc :
ALS Vial : 96 Sample Multiplier: 1

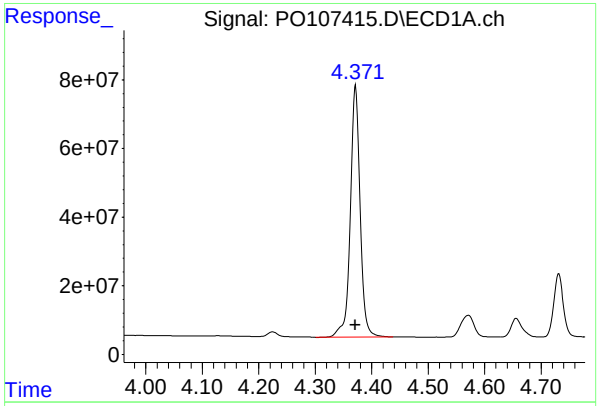
Instrument :
ECD_O
ClientSampleId :
AR1221ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 11:04:12 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:01:24 2024
Response via : Initial Calibration
Integrator: ChemStation

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



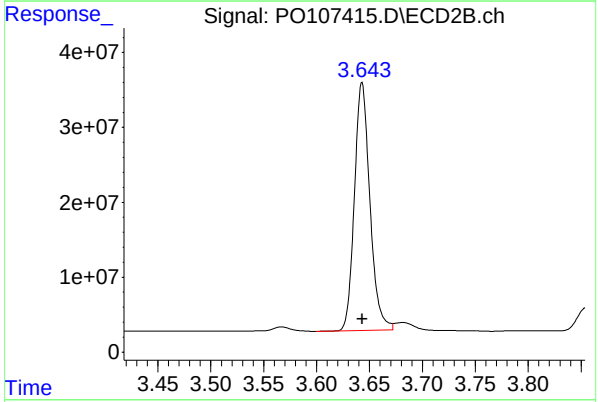




#1 Tetrachloro-m-xylene

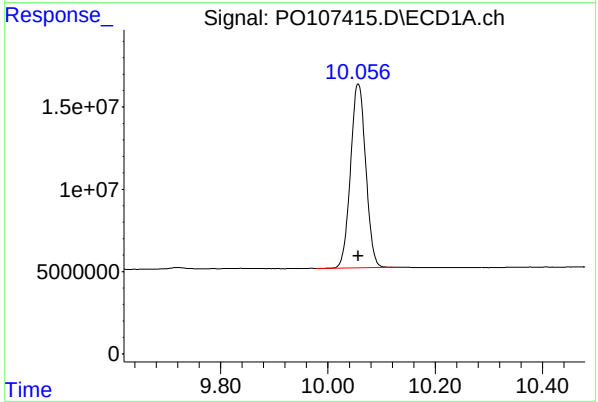
R.T.: 4.371 min
Delta R.T.: 0.000 min
Response: 892323890
Conc: 97.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC1000



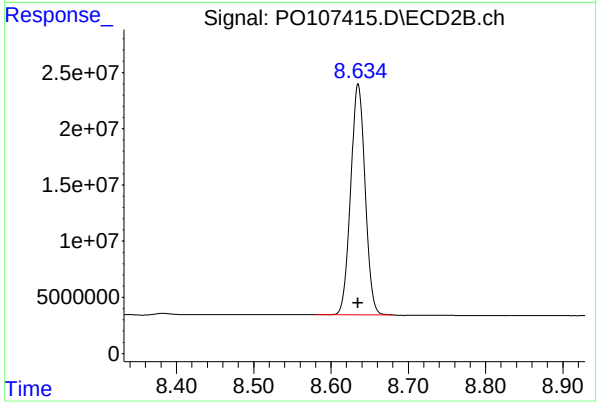
#1 Tetrachloro-m-xylene

R.T.: 3.643 min
Delta R.T.: 0.000 min
Response: 336925527
Conc: 99.60 ng/ml



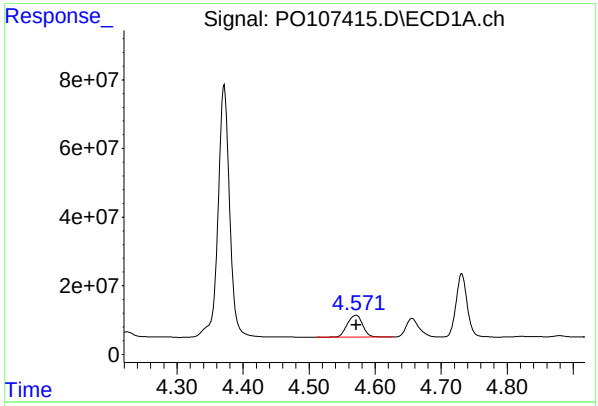
#2 Decachlorobiphenyl

R.T.: 10.057 min
Delta R.T.: 0.000 min
Response: 220232290
Conc: 95.74 ng/ml



#2 Decachlorobiphenyl

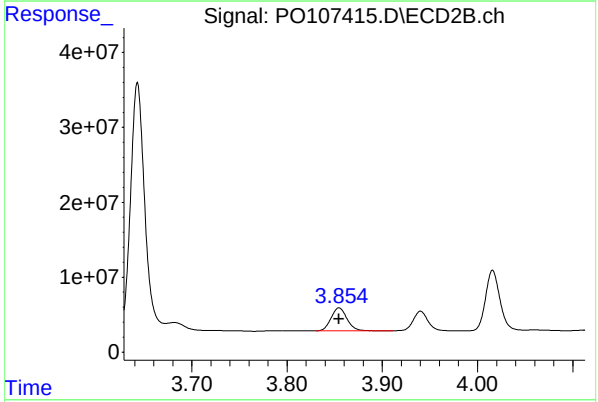
R.T.: 8.635 min
Delta R.T.: 0.000 min
Response: 264345870
Conc: 97.64 ng/ml



#8 AR-1221-1

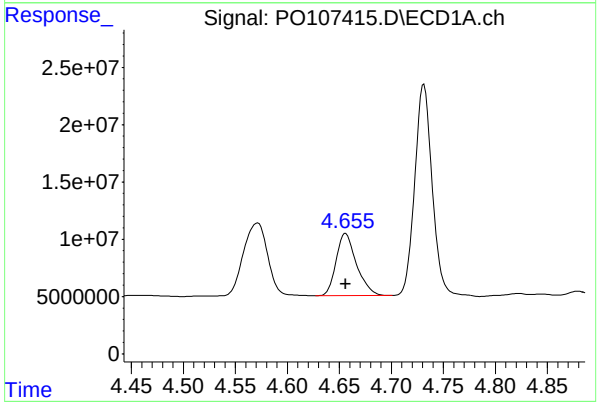
R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 102622481
Conc: 949.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC1000



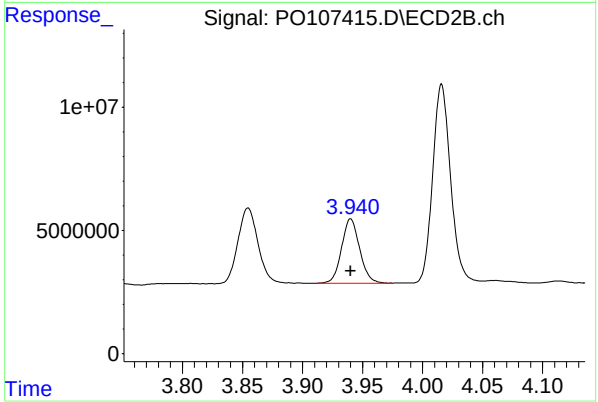
#8 AR-1221-1

R.T.: 3.855 min
Delta R.T.: 0.000 min
Response: 35576488
Conc: 970.43 ng/ml



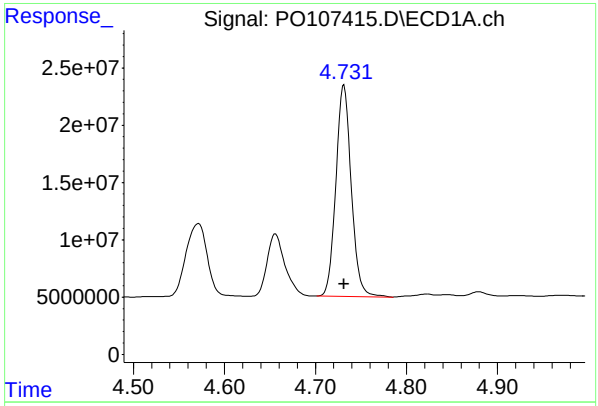
#9 AR-1221-2

R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 73843311
Conc: 946.73 ng/ml



#9 AR-1221-2

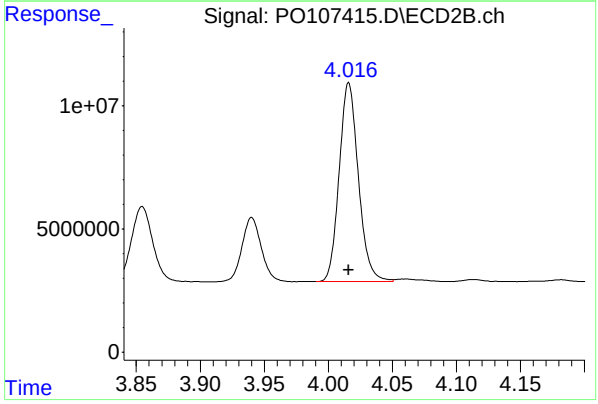
R.T.: 3.940 min
Delta R.T.: 0.000 min
Response: 27465164
Conc: 964.40 ng/ml



#10 AR-1221-3

R.T.: 4.731 min
Delta R.T.: 0.000 min
Response: 216166335
Conc: 952.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC1000



#10 AR-1221-3

R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 84083216
Conc: 967.08 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
Data File : PO107416.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 09:52
Operator : YP/AJ
Sample : AR1221ICC750
Misc :
ALS Vial : 97 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1221ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 11:07:15 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:01:24 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.370	3.643	676.9E6	254.0E6	74.500	75.049
2)	SA Decachlor...	10.056	8.634	170.8E6	199.0E6	74.511	74.002
	Target Compounds						
8)	L2 AR-1221-1	4.570	3.855	80116679	27325228	744.229	746.897
9)	L2 AR-1221-2	4.655	3.940	57817973	21288008	744.157	748.328
10)	L2 AR-1221-3	4.730	4.016	169.0E6	65169200	746.359	749.693

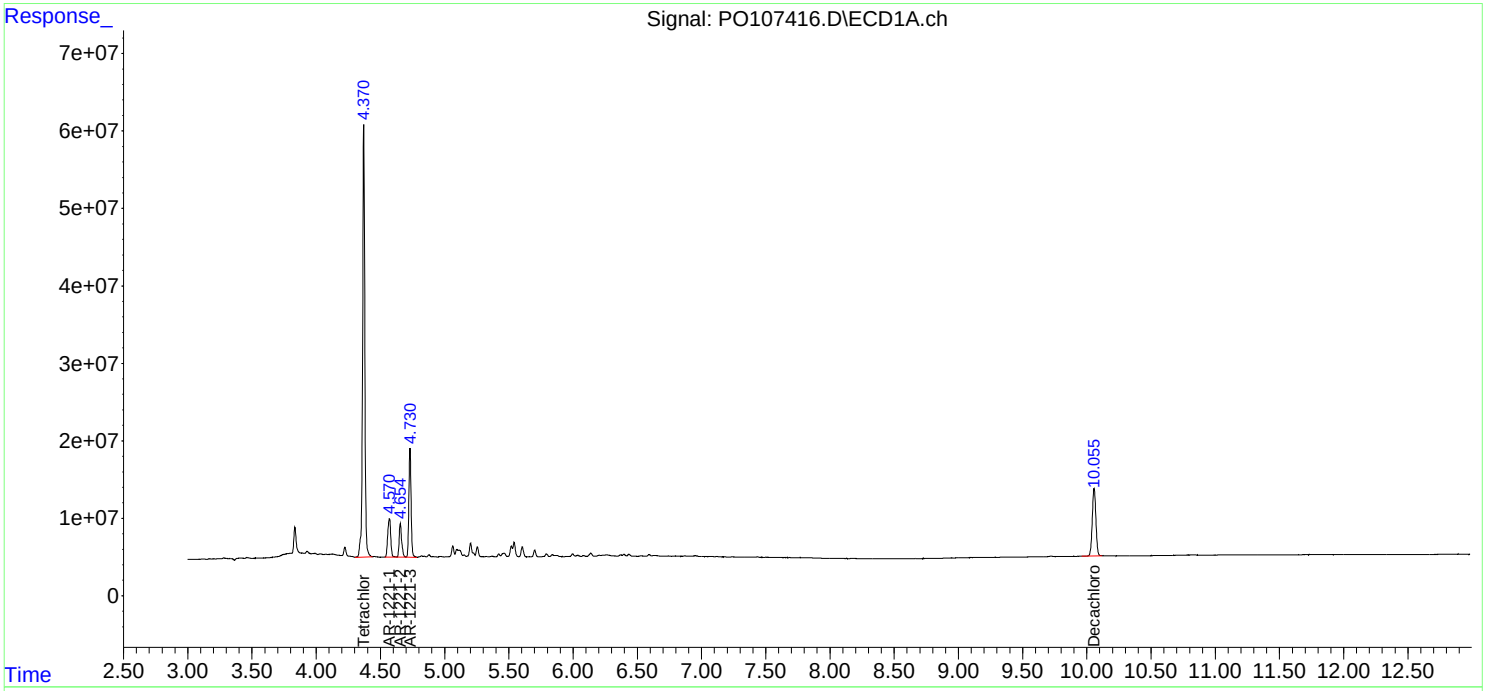
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

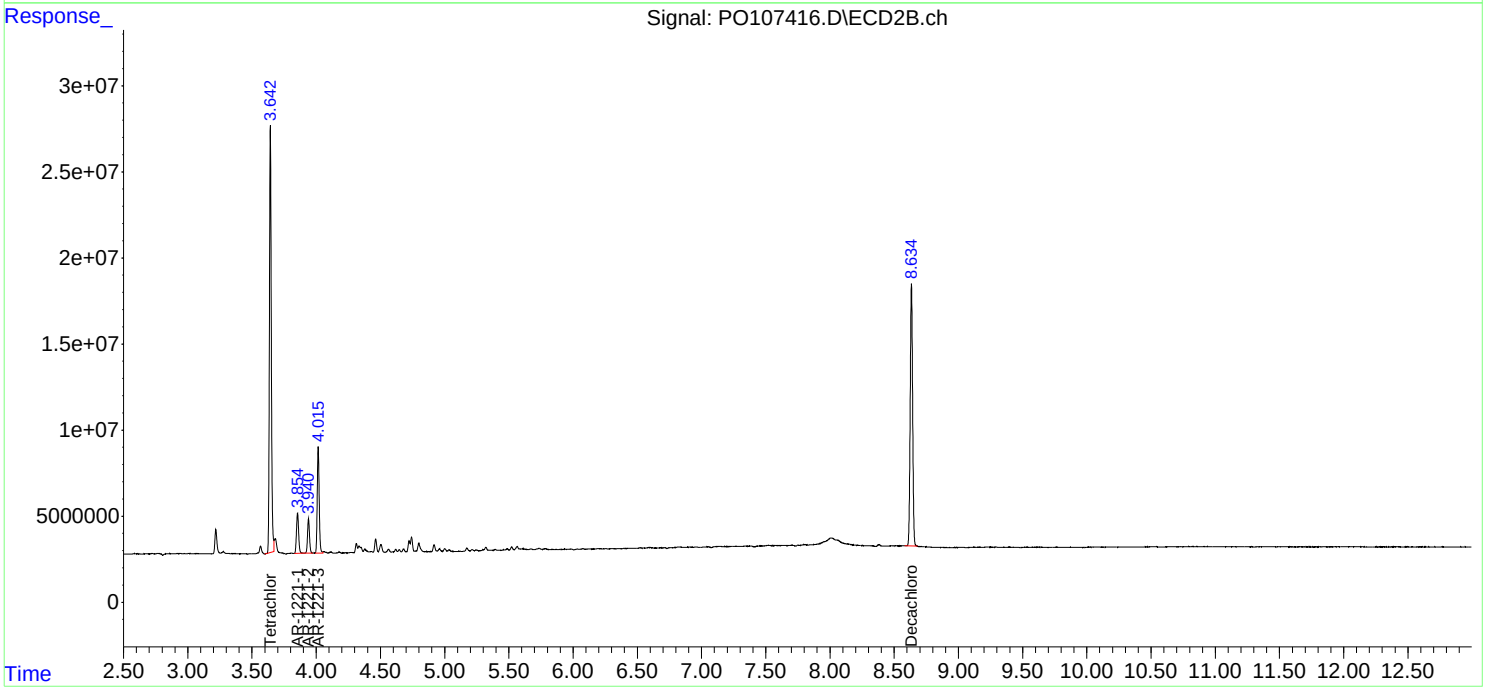
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
Data File : PO107416.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 09:52
Operator : YP/AJ
Sample : AR1221ICC750
Misc :
ALS Vial : 97 Sample Multiplier: 1

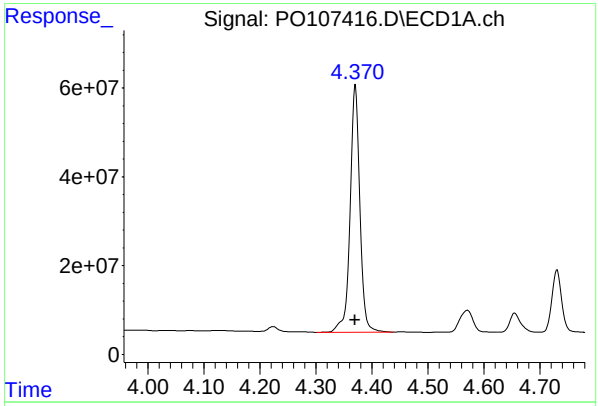
Instrument :
ECD_O
ClientSampleId :
AR1221ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 11:07:15 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:01:24 2024
Response via : Initial Calibration
Integrator: ChemStation

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



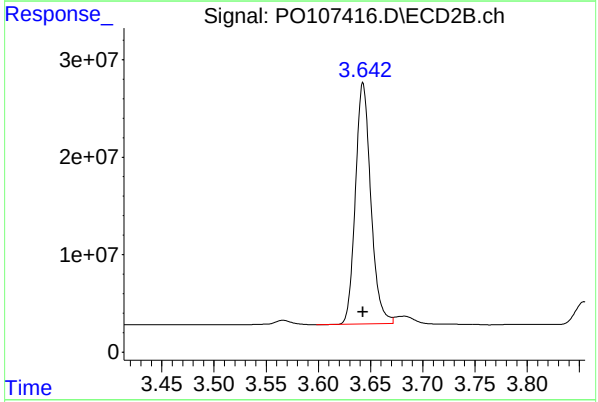




#1 Tetrachloro-m-xylene

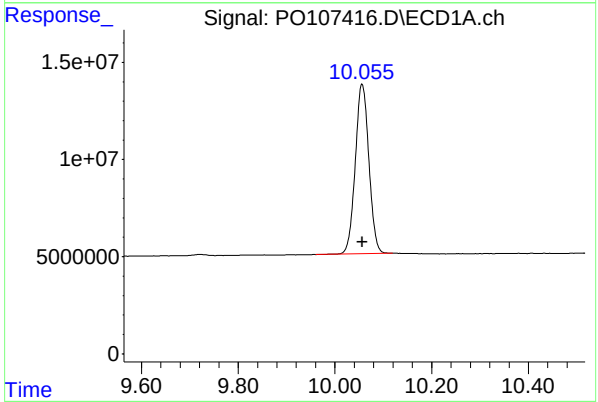
R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 676870891
Conc: 74.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC750



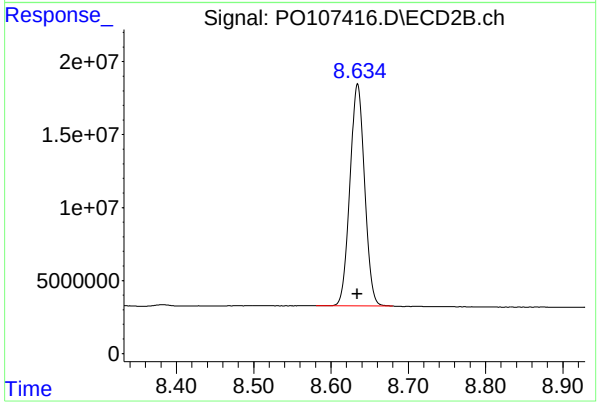
#1 Tetrachloro-m-xylene

R.T.: 3.643 min
Delta R.T.: 0.000 min
Response: 253954857
Conc: 75.05 ng/ml



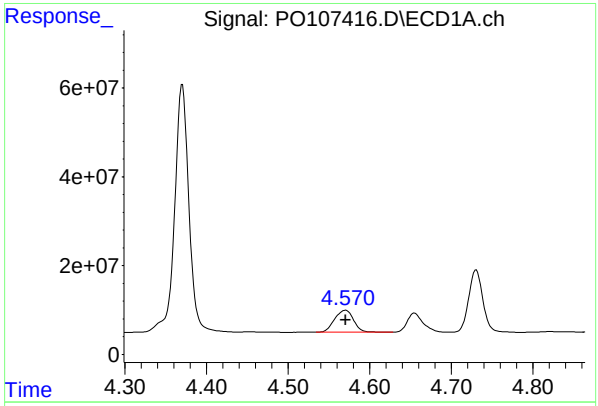
#2 Decachlorobiphenyl

R.T.: 10.056 min
Delta R.T.: 0.000 min
Response: 170835106
Conc: 74.51 ng/ml



#2 Decachlorobiphenyl

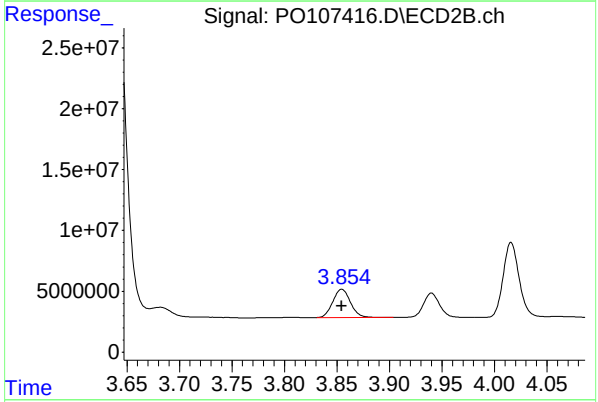
R.T.: 8.634 min
Delta R.T.: 0.000 min
Response: 199022032
Conc: 74.00 ng/ml



#8 AR-1221-1

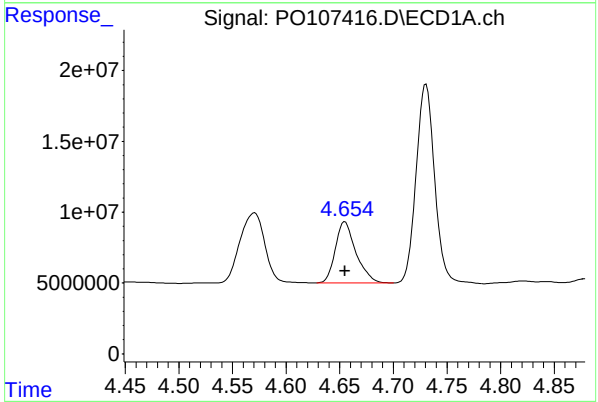
R.T.: 4.570 min
Delta R.T.: 0.000 min
Response: 80116679
Conc: 744.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC750



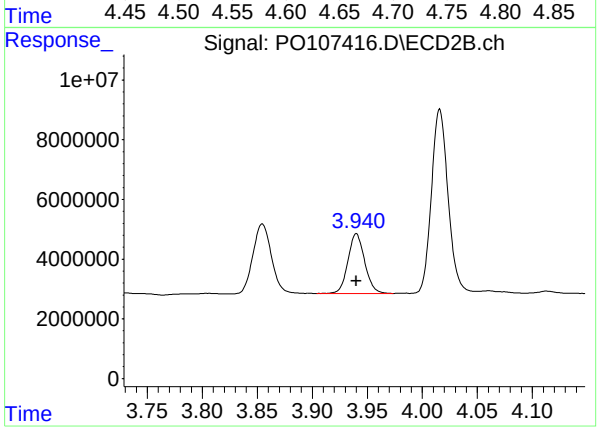
#8 AR-1221-1

R.T.: 3.855 min
Delta R.T.: 0.000 min
Response: 27325228
Conc: 746.90 ng/ml



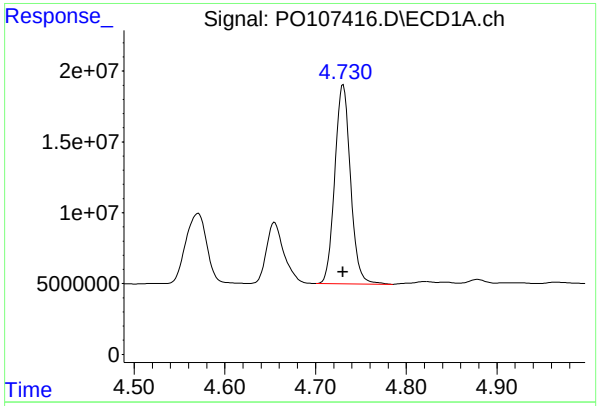
#9 AR-1221-2

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 57817973
Conc: 744.16 ng/ml



#9 AR-1221-2

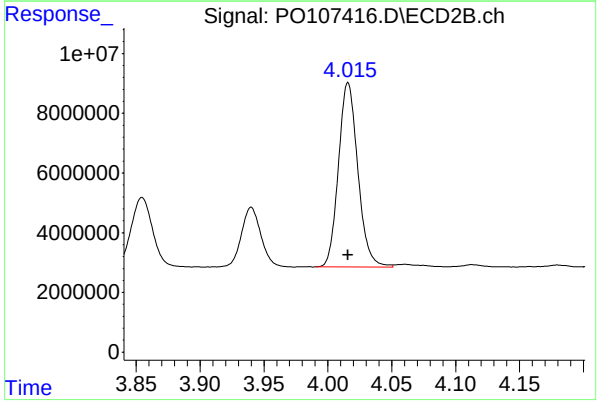
R.T.: 3.940 min
Delta R.T.: 0.000 min
Response: 21288008
Conc: 748.33 ng/ml



#10 AR-1221-3

R.T.: 4.730 min
Delta R.T.: 0.000 min
Response: 168954739
Conc: 746.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC750



#10 AR-1221-3

R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 65169200
Conc: 749.69 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
Data File : PO107417.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 10:10
Operator : YP/AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 98 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 11:01:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:01:24 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.371	3.643	465.4E6	169.8E6	50.000	50.000
2)	SA Decachlor...	10.057	8.634	119.9E6	138.6E6	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	4.571	3.855	56753418	18872416	500.000	500.000
9)	L2 AR-1221-2	4.656	3.940	41076931	14746577	500.000	500.000
10)	L2 AR-1221-3	4.731	4.016	118.8E6	44904082	500.000	500.000

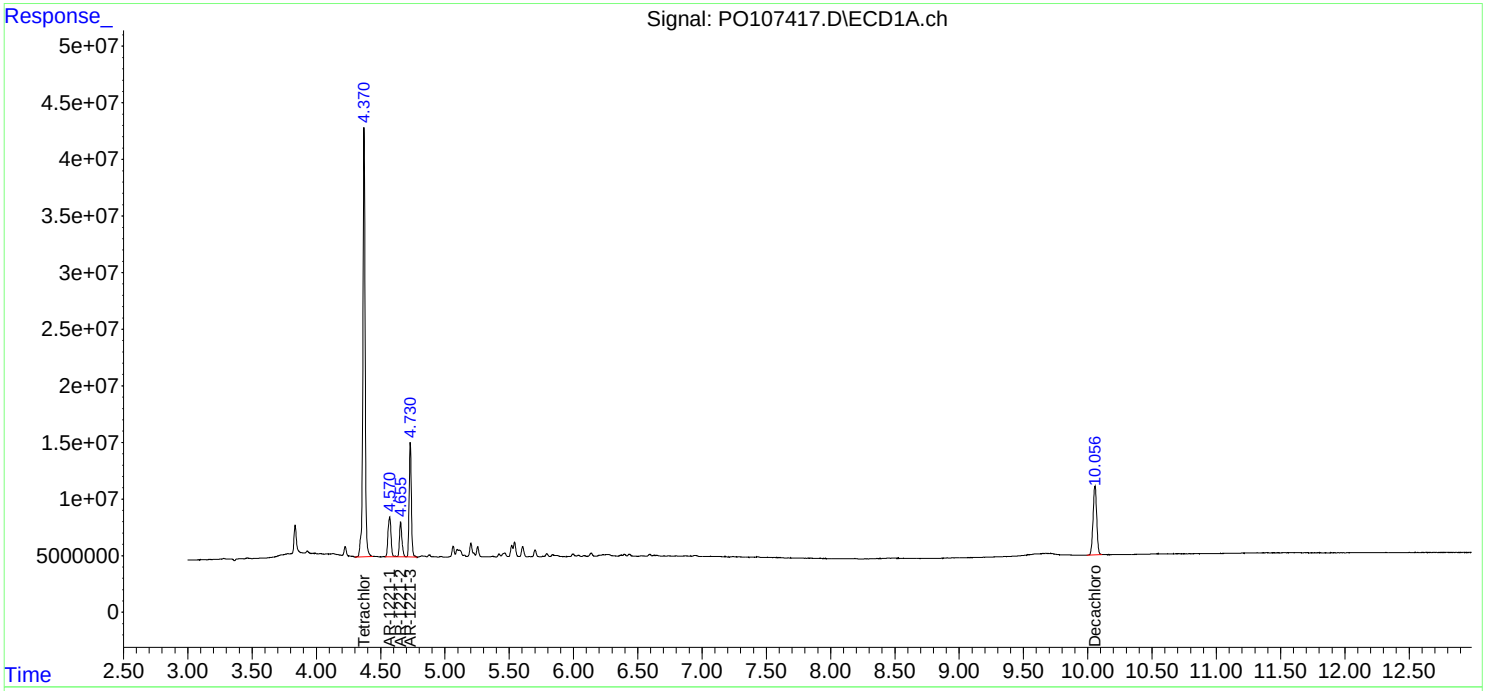
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

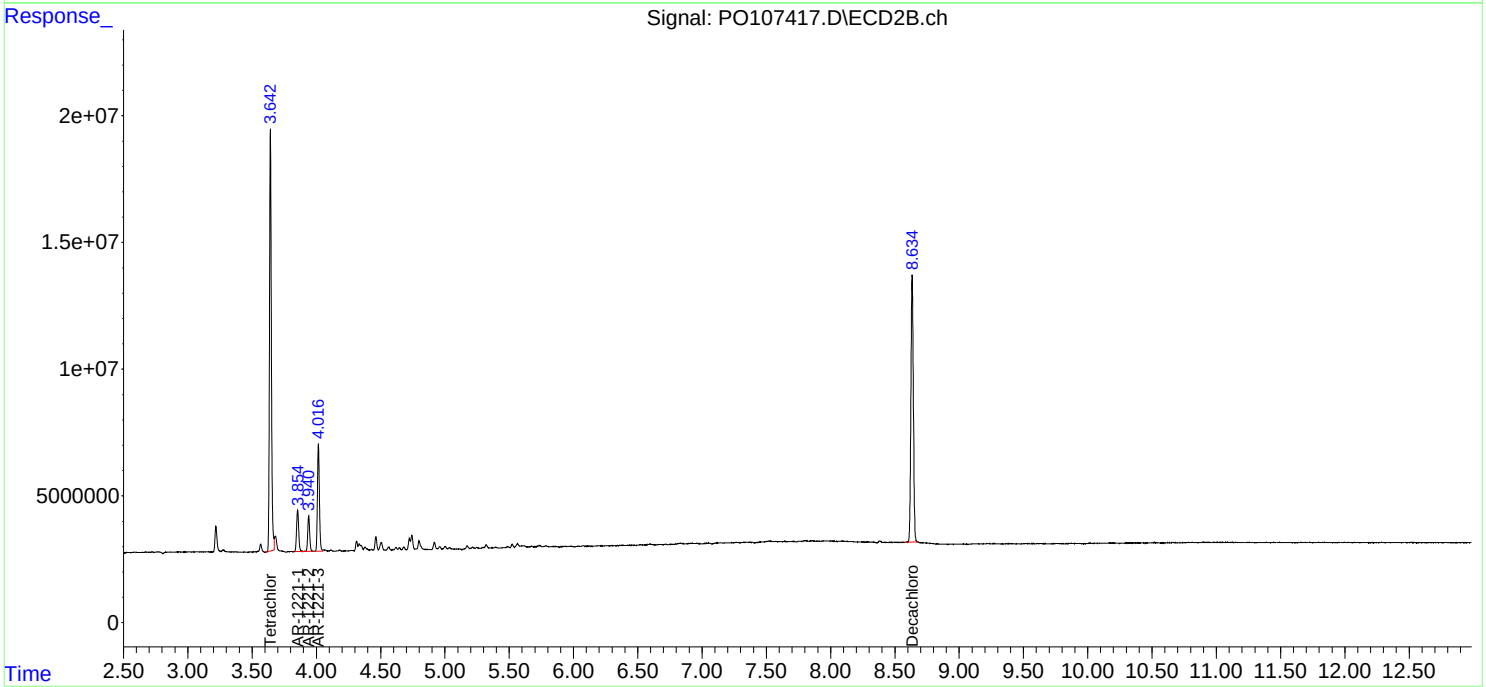
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
Data File : PO107417.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 10:10
Operator : YP/AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 98 Sample Multiplier: 1

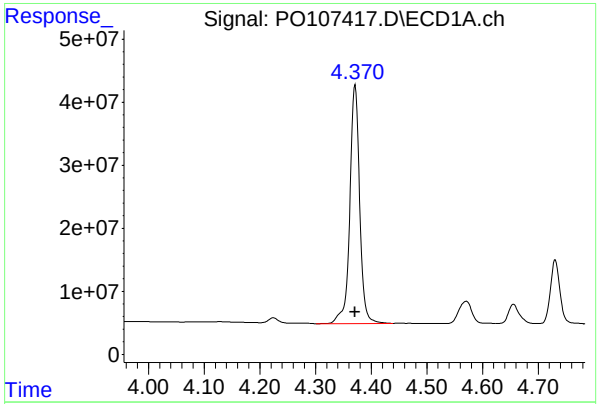
Instrument :
ECD_O
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 11:01:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:01:24 2024
Response via : Initial Calibration
Integrator: ChemStation

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



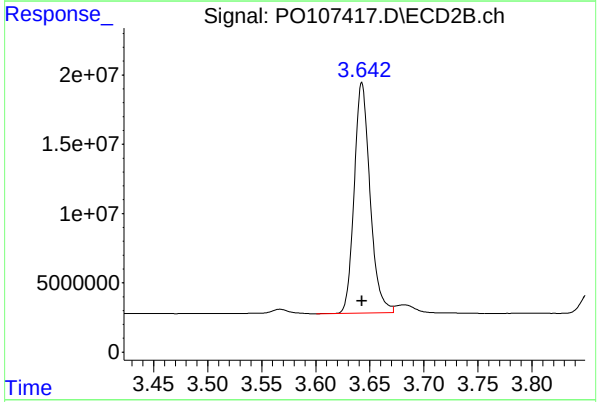




#1 Tetrachloro-m-xylene

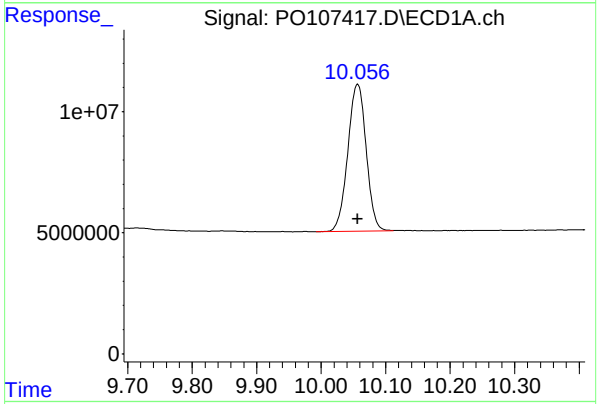
R.T.: 4.371 min
Delta R.T.: 0.000 min
Response: 465415640
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



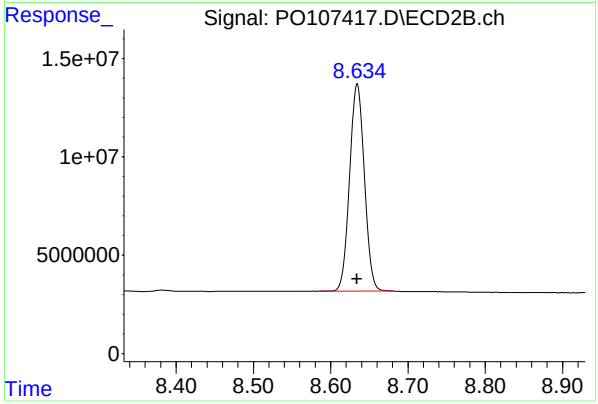
#1 Tetrachloro-m-xylene

R.T.: 3.643 min
Delta R.T.: 0.000 min
Response: 169812143
Conc: 50.00 ng/ml



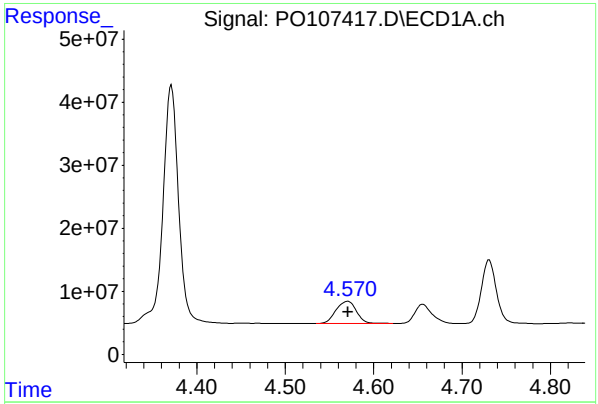
#2 Decachlorobiphenyl

R.T.: 10.057 min
Delta R.T.: 0.000 min
Response: 119904477
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

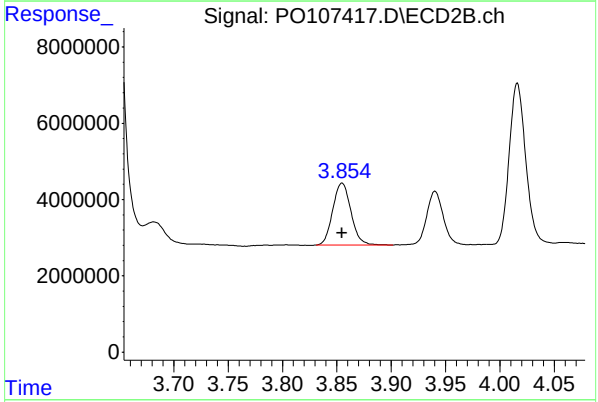
R.T.: 8.634 min
Delta R.T.: 0.000 min
Response: 138559067
Conc: 50.00 ng/ml



#8 AR-1221-1

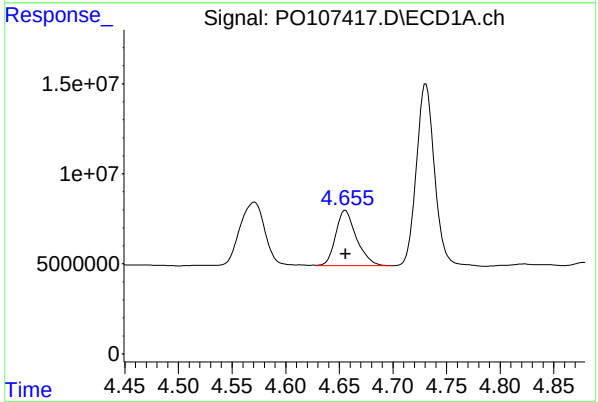
R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 56753418
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



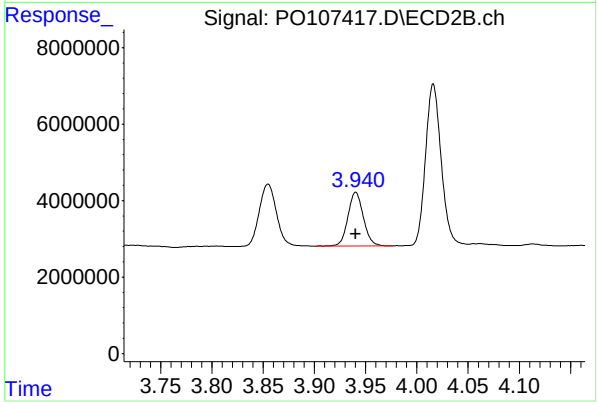
#8 AR-1221-1

R.T.: 3.855 min
Delta R.T.: 0.000 min
Response: 18872416
Conc: 500.00 ng/ml



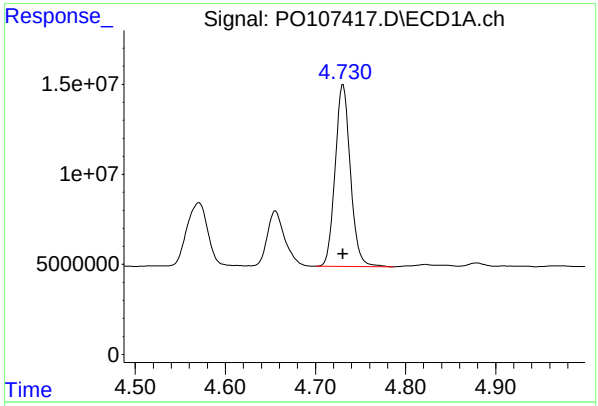
#9 AR-1221-2

R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 41076931
Conc: 500.00 ng/ml



#9 AR-1221-2

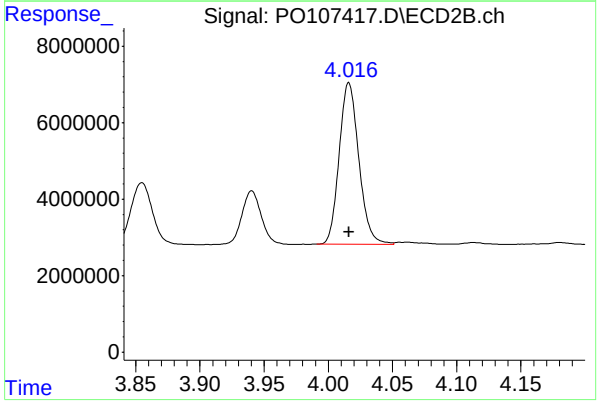
R.T.: 3.940 min
Delta R.T.: 0.000 min
Response: 14746577
Conc: 500.00 ng/ml



#10 AR-1221-3

R.T.: 4.731 min
Delta R.T.: 0.000 min
Response: 118838211
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



#10 AR-1221-3

R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 44904082
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
Data File : PO107418.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 10:28
Operator : YP/AJ
Sample : AR1221ICC250
Misc :
ALS Vial : 99 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1221ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 11:11:15 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:01:24 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.370	3.643	236.9E6	83227125	25.801	24.695
2)	SA Decachlor...	10.056	8.635	62697888	69861594	26.719	25.725
	Target Compounds						
8)	L2 AR-1221-1	4.570	3.855	29762680	9669704	269.344	260.580
9)	L2 AR-1221-2	4.655	3.940	21926452	7614153	273.403	263.013
10)	L2 AR-1221-3	4.730	4.016	64174779	23270976	274.305	263.047

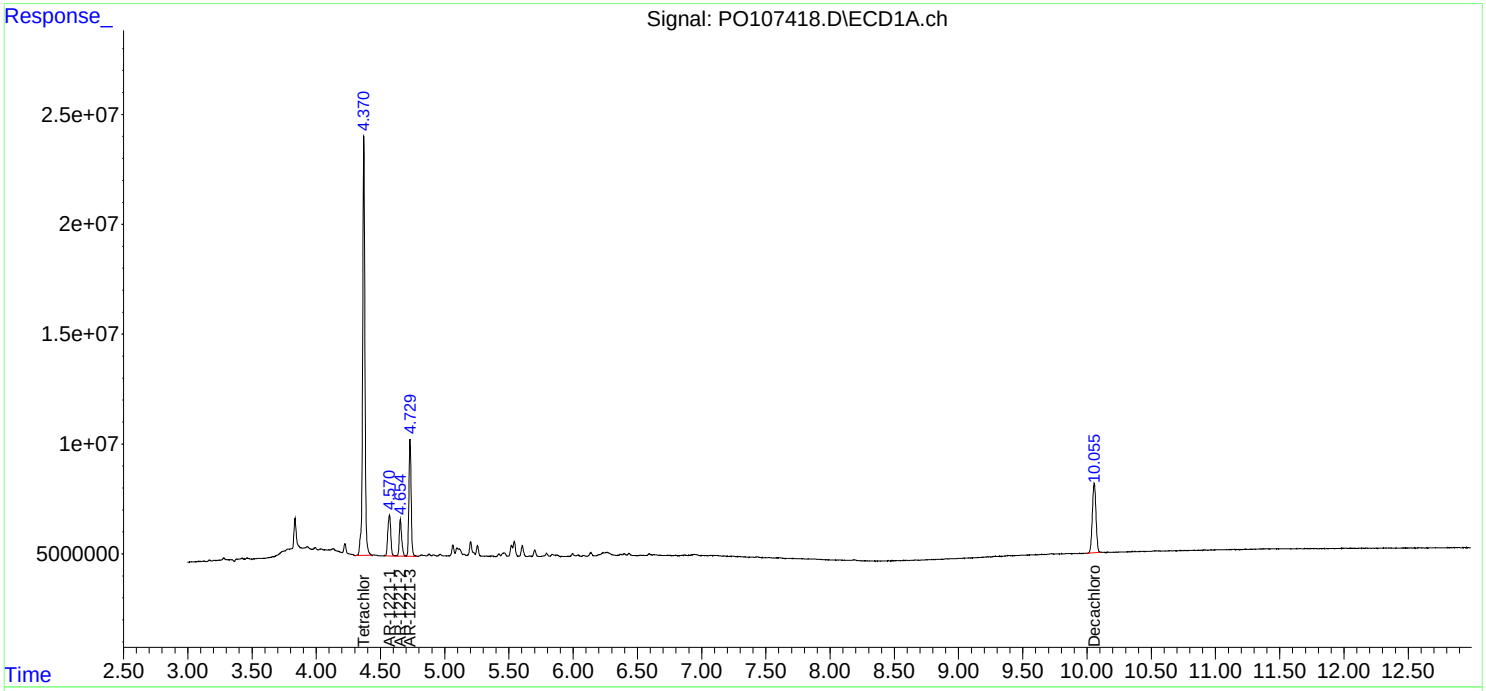
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

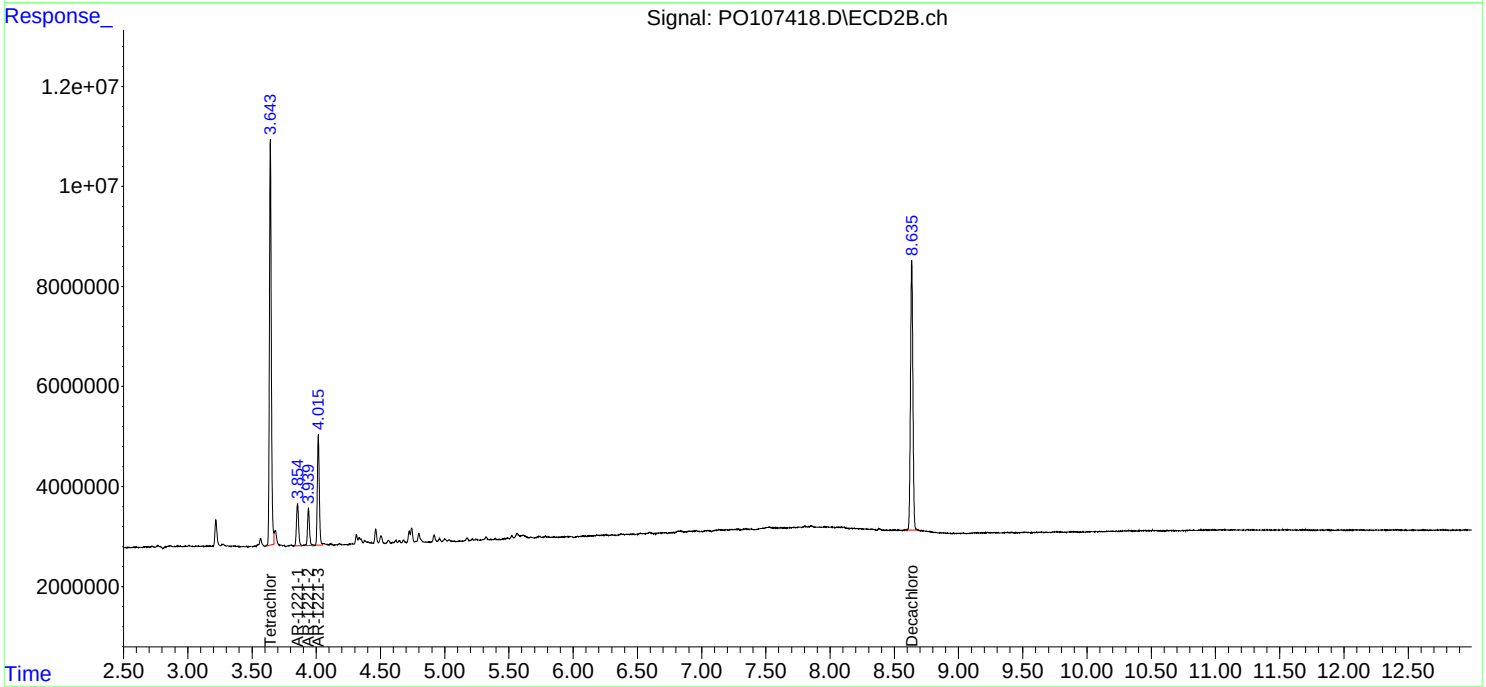
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
Data File : PO107418.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 10:28
Operator : YP/AJ
Sample : AR1221ICC250
Misc :
ALS Vial : 99 Sample Multiplier: 1

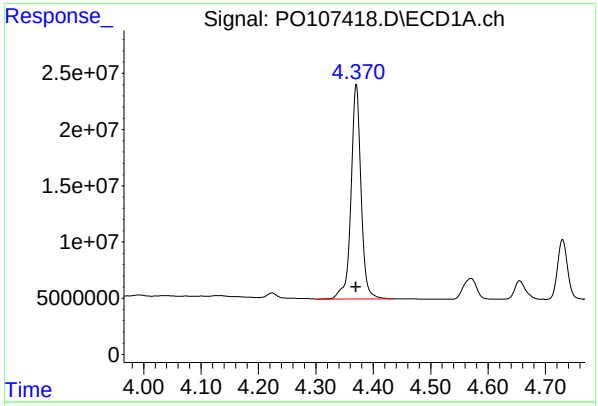
Instrument :
ECD_O
ClientSampleId :
AR1221ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 11:11:15 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:01:24 2024
Response via : Initial Calibration
Integrator: ChemStation

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



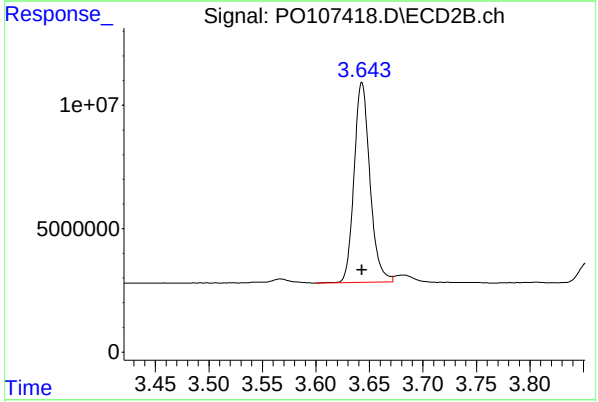




#1 Tetrachloro-m-xylene

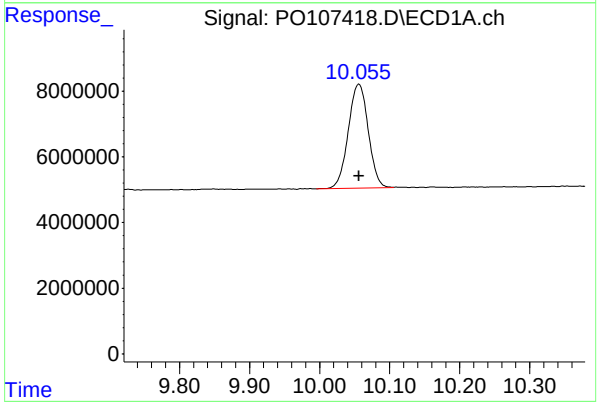
R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 236942352
Conc: 25.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC250



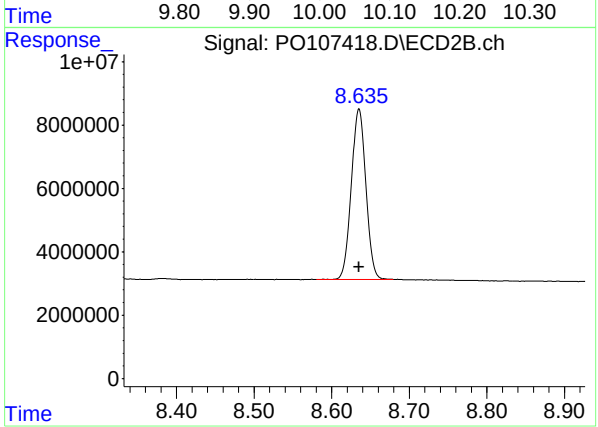
#1 Tetrachloro-m-xylene

R.T.: 3.643 min
Delta R.T.: 0.000 min
Response: 83227125
Conc: 24.70 ng/ml



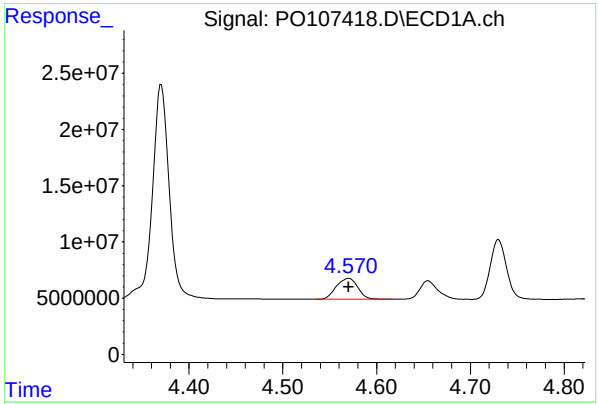
#2 Decachlorobiphenyl

R.T.: 10.056 min
Delta R.T.: 0.000 min
Response: 62697888
Conc: 26.72 ng/ml



#2 Decachlorobiphenyl

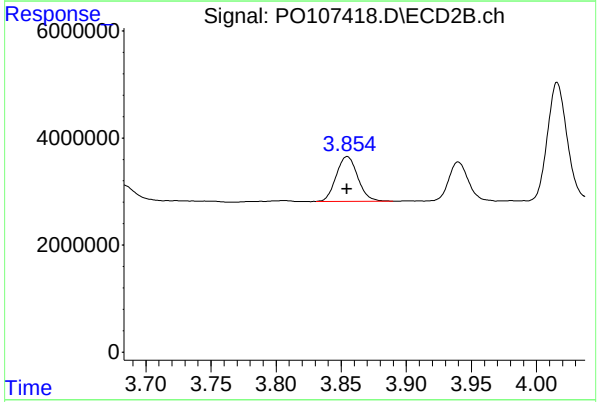
R.T.: 8.635 min
Delta R.T.: 0.000 min
Response: 69861594
Conc: 25.73 ng/ml



#8 AR-1221-1

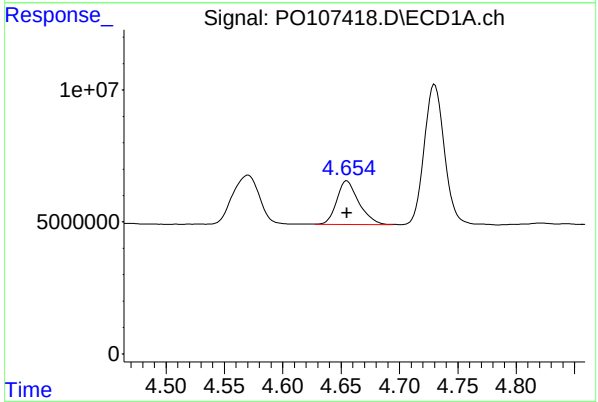
R.T.: 4.570 min
Delta R.T.: 0.000 min
Response: 29762680
Conc: 269.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC250



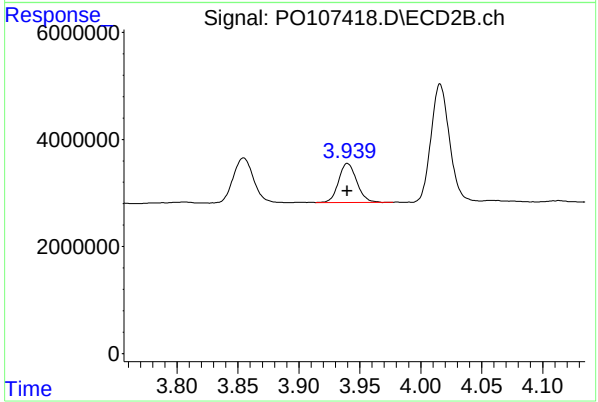
#8 AR-1221-1

R.T.: 3.855 min
Delta R.T.: 0.000 min
Response: 9669704
Conc: 260.58 ng/ml



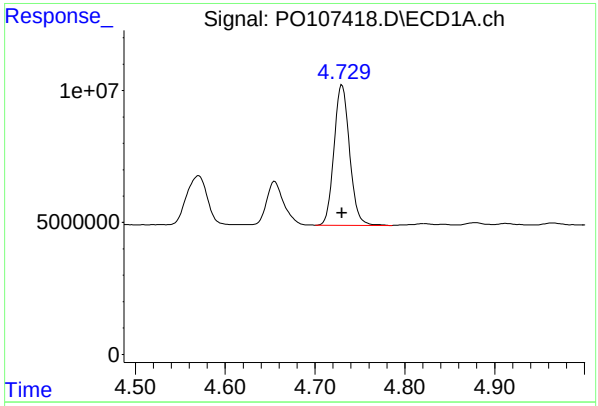
#9 AR-1221-2

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 21926452
Conc: 273.40 ng/ml



#9 AR-1221-2

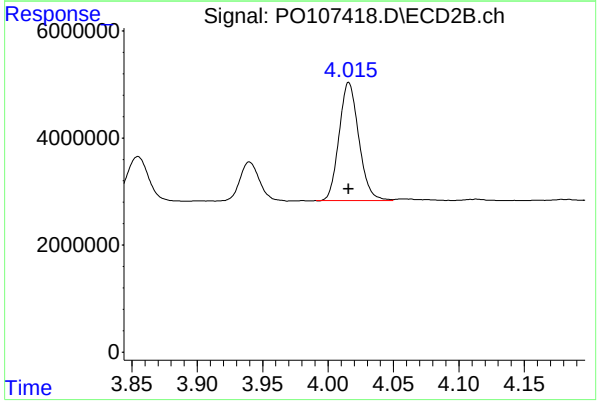
R.T.: 3.940 min
Delta R.T.: 0.000 min
Response: 7614153
Conc: 263.01 ng/ml



#10 AR-1221-3

R.T.: 4.730 min
Delta R.T.: 0.000 min
Response: 64174779
Conc: 274.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC250



#10 AR-1221-3

R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 23270976
Conc: 263.05 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
Data File : PO107419.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 10:46
Operator : YP/AJ
Sample : AR1221ICC050
Misc :
ALS Vial : 100 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1221ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 11:16:20 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:15:10 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.371	3.643	43972075	14268712	4.829	4.368
2)	SA Decachlor...	10.056	8.635	11997824	12504522	5.090	4.679
	Target Compounds						
8)	L2 AR-1221-1	4.571	3.856	5779508	1639235	51.826	45.228
9)	L2 AR-1221-2	4.656	3.941	4439638	1486011	54.197	51.059
10)	L2 AR-1221-3	4.731	4.016	13031655	4367153	54.460	49.491

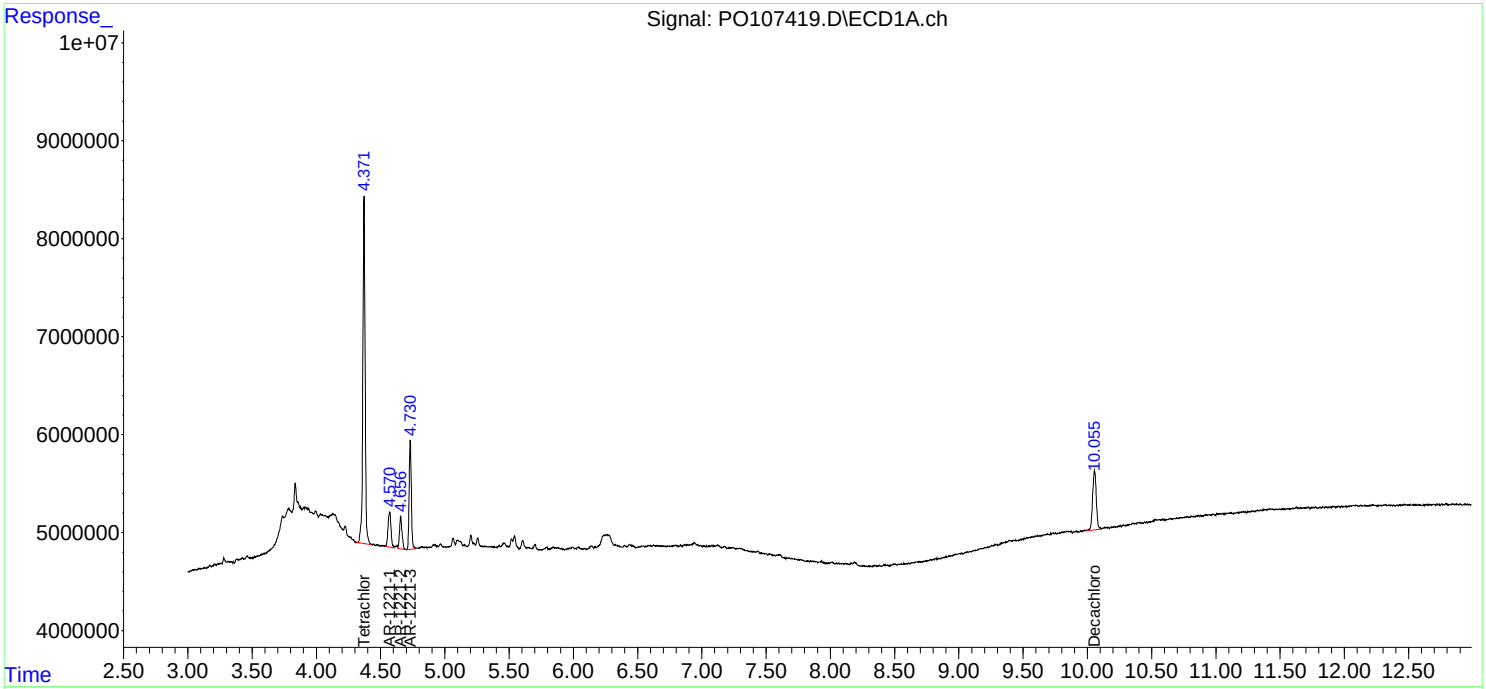
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

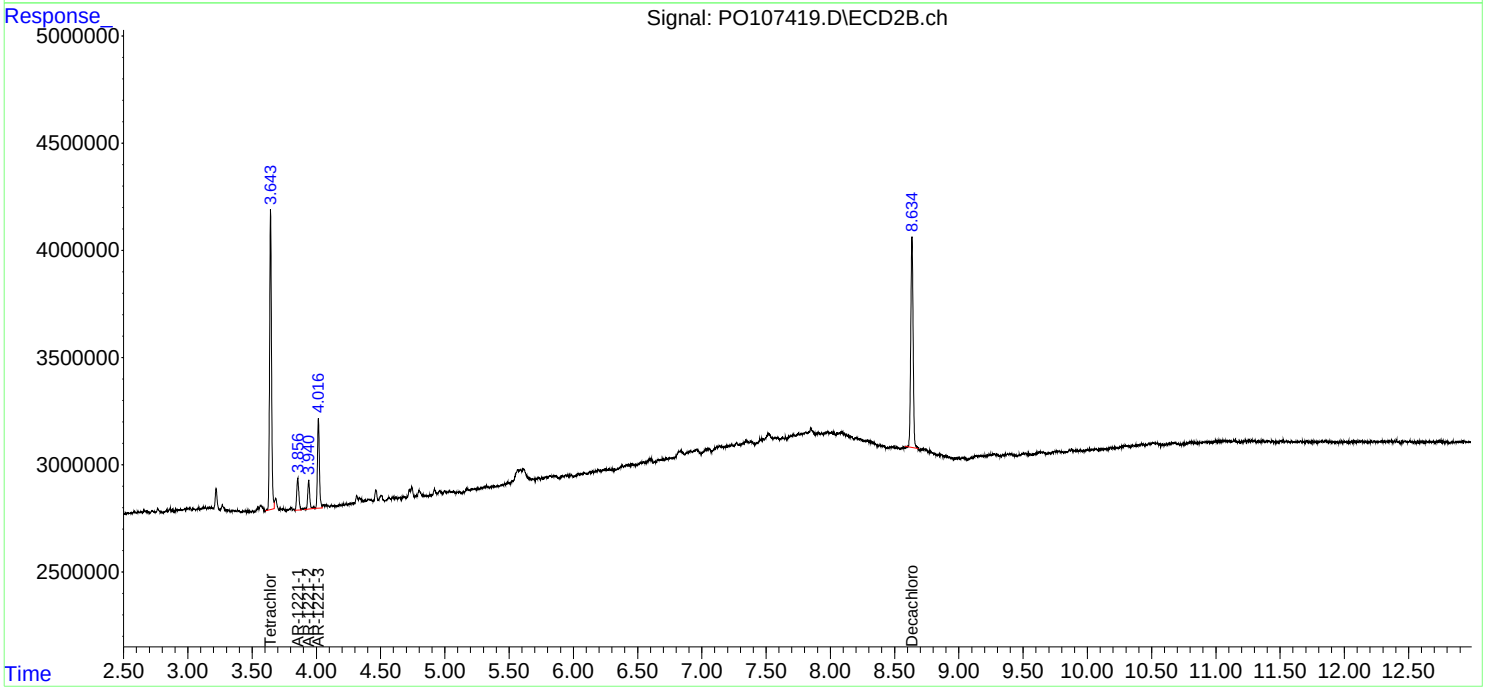
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
Data File : PO107419.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 10:46
Operator : YP/AJ
Sample : AR1221ICC050
Misc :
ALS Vial : 100 Sample Multiplier: 1

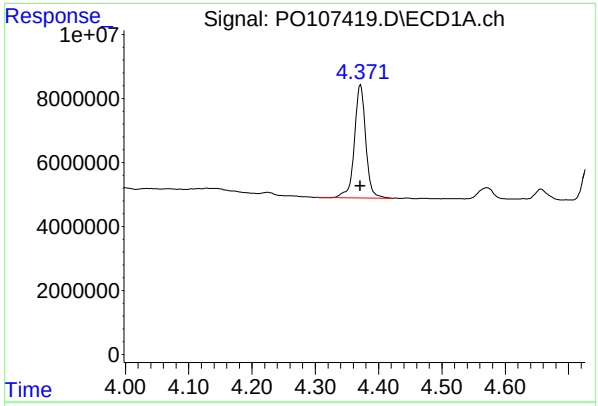
Instrument :
ECD_O
ClientSampleId :
AR1221ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 11:16:20 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:15:10 2024
Response via : Initial Calibration
Integrator: ChemStation

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



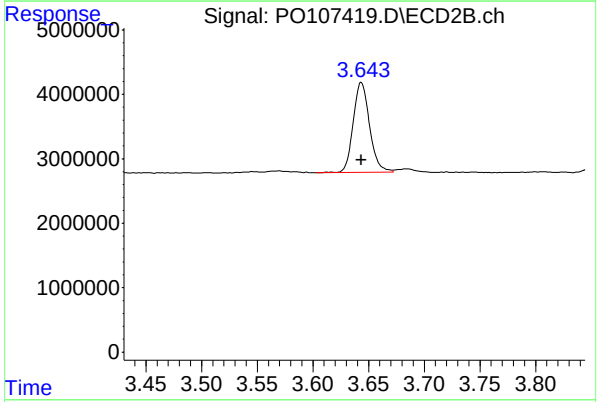




#1 Tetrachloro-m-xylene

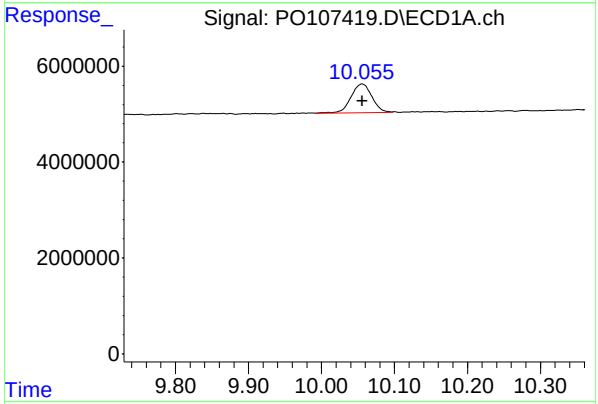
R.T.: 4.371 min
Delta R.T.: 0.000 min
Response: 43972075
Conc: 4.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC050



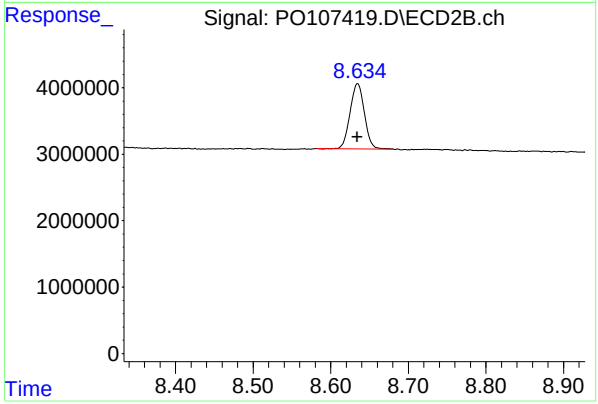
#1 Tetrachloro-m-xylene

R.T.: 3.643 min
Delta R.T.: 0.000 min
Response: 14268712
Conc: 4.37 ng/ml



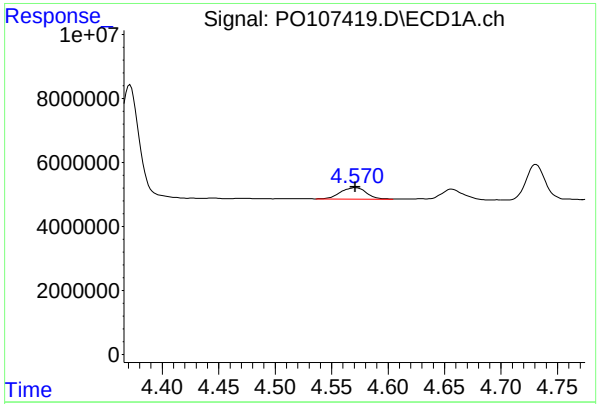
#2 Decachlorobiphenyl

R.T.: 10.056 min
Delta R.T.: 0.000 min
Response: 11997824
Conc: 5.09 ng/ml



#2 Decachlorobiphenyl

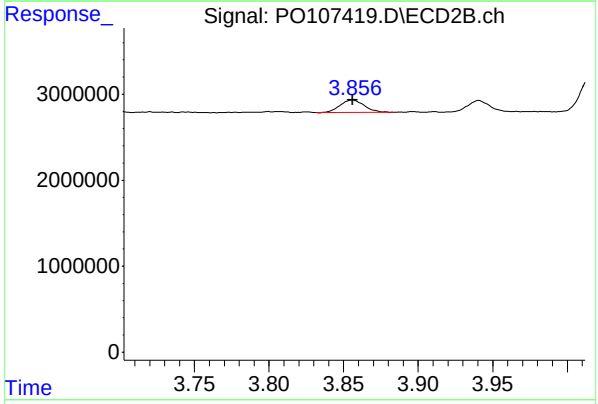
R.T.: 8.635 min
Delta R.T.: 0.000 min
Response: 12504522
Conc: 4.68 ng/ml



#8 AR-1221-1

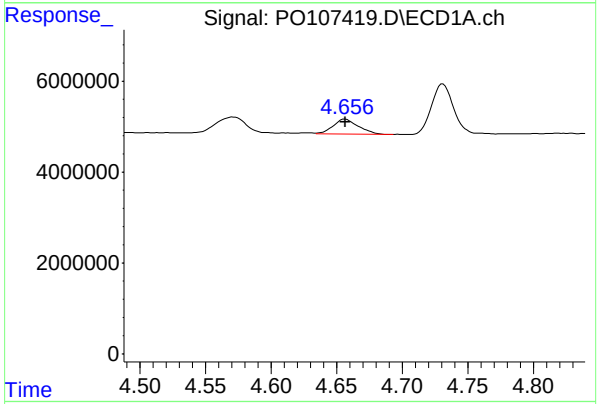
R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 5779508
Conc: 51.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC050



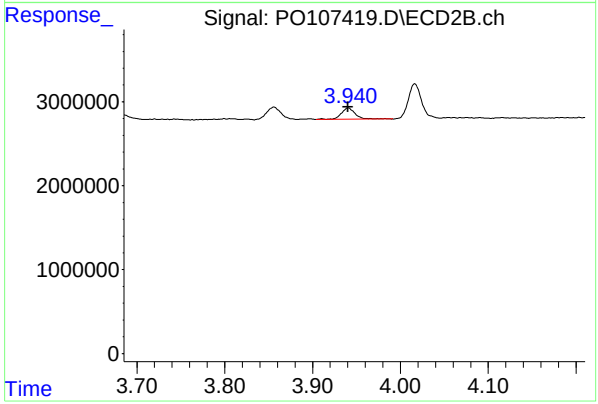
#8 AR-1221-1

R.T.: 3.856 min
Delta R.T.: 0.000 min
Response: 1639235
Conc: 45.23 ng/ml



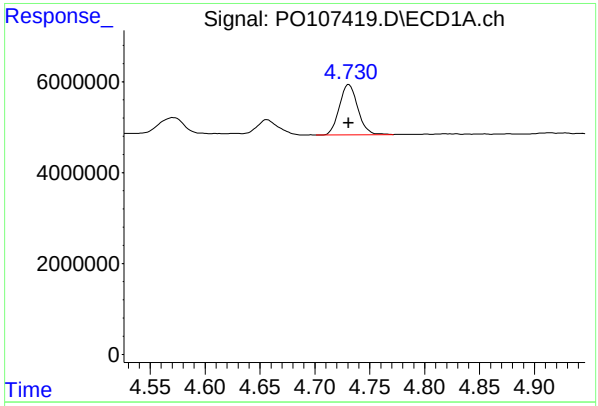
#9 AR-1221-2

R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 4439638
Conc: 54.20 ng/ml



#9 AR-1221-2

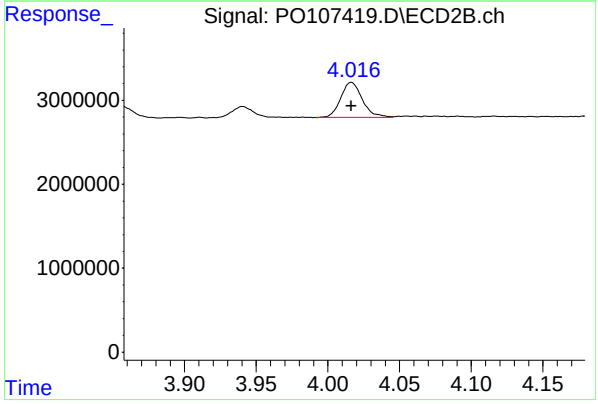
R.T.: 3.941 min
Delta R.T.: 0.000 min
Response: 1486011
Conc: 51.06 ng/ml



#10 AR-1221-3

R.T.: 4.731 min
Delta R.T.: 0.000 min
Response: 13031655
Conc: 54.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC050



#10 AR-1221-3

R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 4367153
Conc: 49.49 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
Data File : PO107420.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 11:04
Operator : YP/AJ
Sample : AR1221ICV500
Misc :
ALS Vial : 95 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO102824AR1221

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 11:19:23 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:17:52 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.370	3.643	455.1E6	165.1E6	49.985	50.530
2)	SA Decachlor...	10.055	8.634	118.2E6	138.9E6	50.138	51.955
	Target Compounds						
8)	L2 AR-1221-1	4.570	3.854	54081176	18049972	484.953	498.017
9)	L2 AR-1221-2	4.655	3.940	39688283	14224284	484.492	488.743
10)	L2 AR-1221-3	4.729	4.016	115.6E6	43775566	483.150	496.085

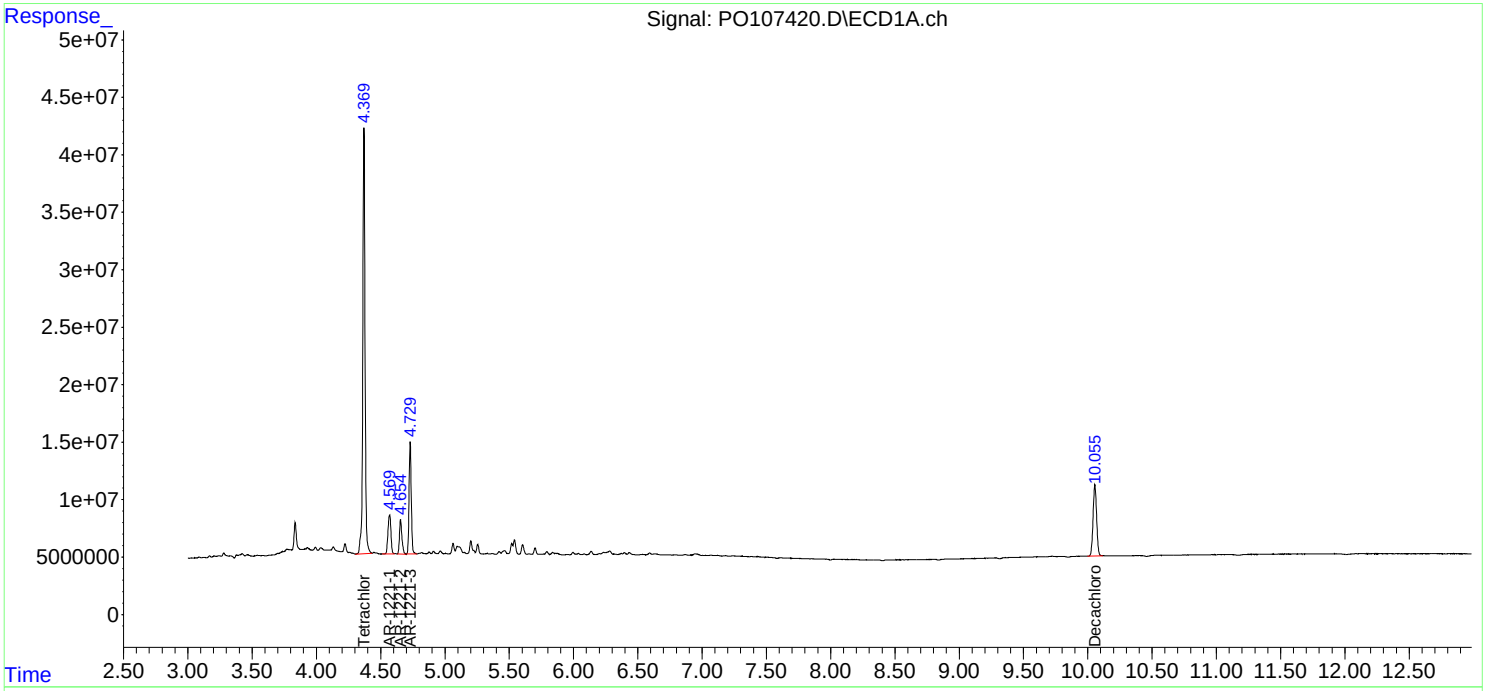
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

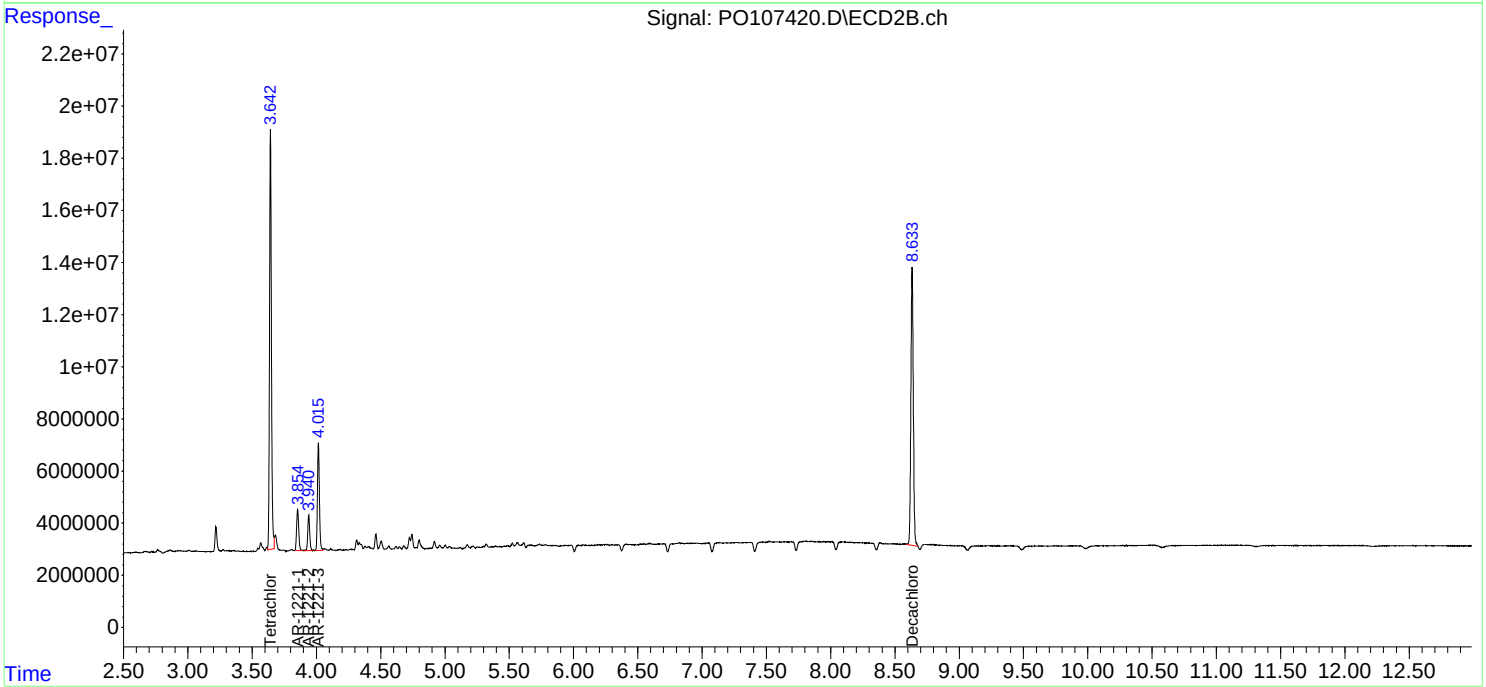
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
Data File : PO107420.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 11:04
Operator : YP/AJ
Sample : AR1221ICV500
Misc :
ALS Vial : 95 Sample Multiplier: 1

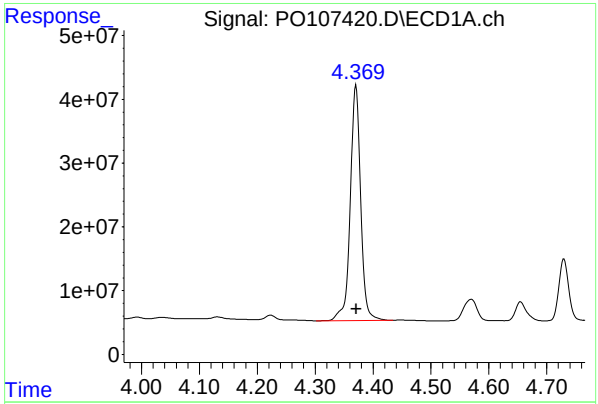
Instrument :
ECD_O
ClientSampleId :
ICVPO102824AR1221

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 11:19:23 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:17:52 2024
Response via : Initial Calibration
Integrator: ChemStation

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



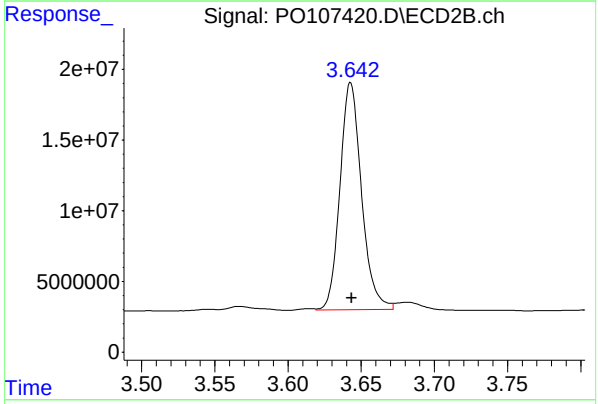




#1 Tetrachloro-m-xylene

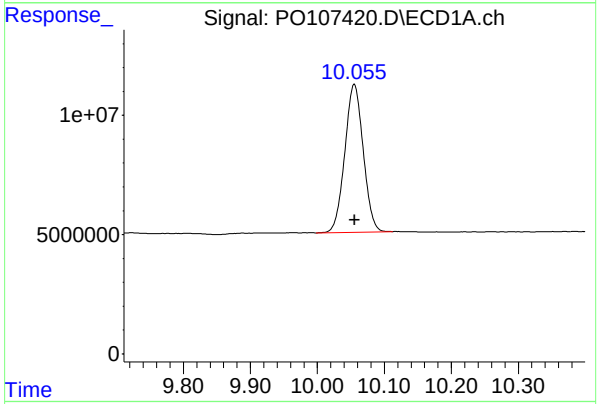
R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 455149707
Conc: 49.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO102824AR1221



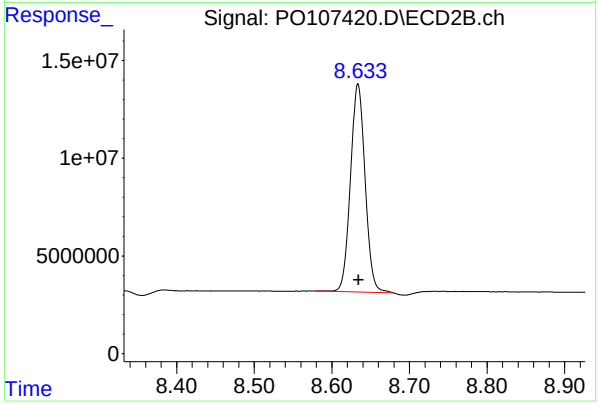
#1 Tetrachloro-m-xylene

R.T.: 3.643 min
Delta R.T.: 0.000 min
Response: 165074504
Conc: 50.53 ng/ml



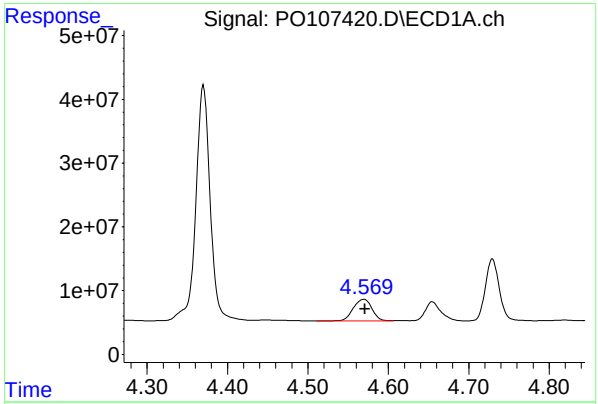
#2 Decachlorobiphenyl

R.T.: 10.055 min
Delta R.T.: 0.000 min
Response: 118181365
Conc: 50.14 ng/ml



#2 Decachlorobiphenyl

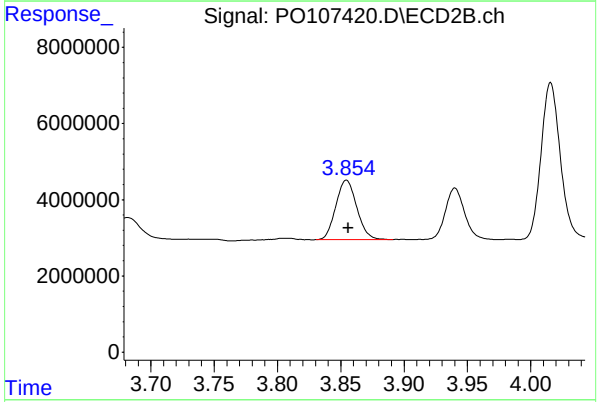
R.T.: 8.634 min
Delta R.T.: 0.000 min
Response: 138861100
Conc: 51.95 ng/ml



#8 AR-1221-1

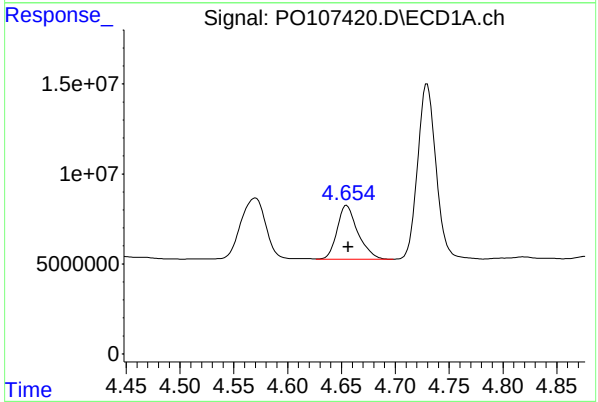
R.T.: 4.570 min
Delta R.T.: -0.001 min
Response: 54081176
Conc: 484.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO102824AR1221



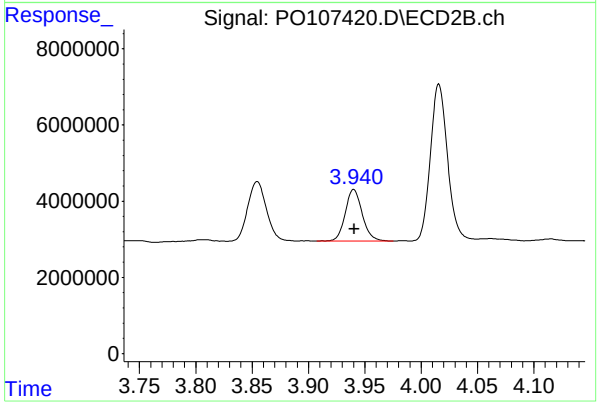
#8 AR-1221-1

R.T.: 3.854 min
Delta R.T.: -0.002 min
Response: 18049972
Conc: 498.02 ng/ml



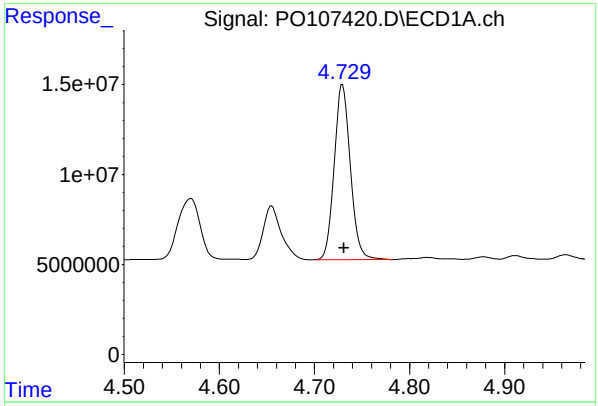
#9 AR-1221-2

R.T.: 4.655 min
Delta R.T.: -0.002 min
Response: 39688283
Conc: 484.49 ng/ml



#9 AR-1221-2

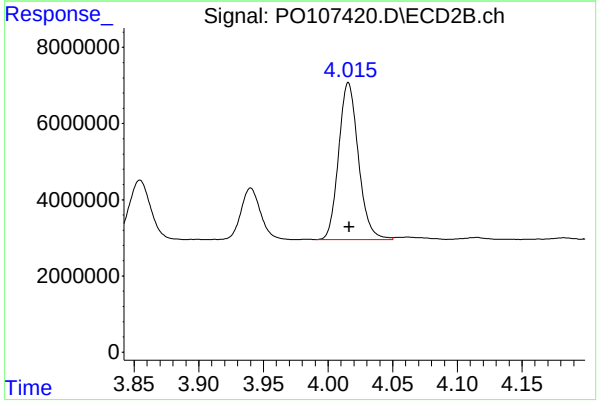
R.T.: 3.940 min
Delta R.T.: 0.000 min
Response: 14224284
Conc: 488.74 ng/ml



#10 AR-1221-3

R.T.: 4.729 min
Delta R.T.: -0.001 mi
Response: 115612767
Conc: 483.15 ng/m

Instrument :
ECD_O
ClientSampleId :
ICVPO102824AR1221



#10 AR-1221-3

R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 43775566
Conc: 496.08 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

Continuing Calib Date: 10/25/2024 **Initial Calibration Date(s):** 10/15/2024 10/16/2024

Continuing Calib Time: 09:25 **Initial Calibration Time(s):** 18:27 02:36

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)	5.52	5.52	5.42	5.62	0.00
Aroclor-1016-2	(2)	5.55	5.55	5.45	5.65	0.00
Aroclor-1016-3	(3)	5.61	5.61	5.51	5.71	0.00
Aroclor-1016-4	(4)	5.71	5.70	5.60	5.80	0.00
Aroclor-1016-5	(5)	6.00	6.00	5.90	6.10	0.00
Aroclor-1260-1	(1)	7.13	7.13	7.03	7.23	0.00
Aroclor-1260-2	(2)	7.38	7.38	7.28	7.48	0.00
Aroclor-1260-3	(3)	7.75	7.74	7.64	7.84	0.00
Aroclor-1260-4	(4)	7.97	7.97	7.87	8.07	0.00
Aroclor-1260-5	(5)	8.28	8.28	8.18	8.38	0.00
Tetrachloro-m-xylene		4.37	4.37	4.27	4.47	0.00
Decachlorobiphenyl		10.06	10.06	9.96	10.16	0.00

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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

Continuing Calib Date: 10/25/2024 **Initial Calibration Date(s):** 10/15/2024 10/16/2024

Continuing Calib Time: 09:25 **Initial Calibration Time(s):** 18:27 02:36

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)	4.73	4.73	4.63	4.83	0.01
Aroclor-1016-2	(2)	4.74	4.75	4.65	4.85	0.01
Aroclor-1016-3	(3)	4.92	4.92	4.82	5.02	0.00
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.18	5.18	5.08	5.28	0.00
Aroclor-1260-1	(1)	6.21	6.21	6.11	6.31	0.01
Aroclor-1260-2	(2)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-3	(3)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-4	(4)	7.02	7.02	6.92	7.12	0.00
Aroclor-1260-5	(5)	7.26	7.26	7.16	7.36	0.00
Tetrachloro-m-xylene		3.64	3.65	3.55	3.75	0.01
Decachlorobiphenyl		8.64	8.64	8.54	8.74	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/15/2024 10/15/2024

Client Sample No.: CCAL01 **Date Analyzed:** 10/25/2024

Lab Sample No.: AR1660CCC500 **Data File :** PO107370.D **Time Analyzed:** 09:25

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.523	5.423	5.623	527.200	500.000	5.4
Aroclor-1016-2	5.545	5.445	5.645	510.220	500.000	2.0
Aroclor-1016-3	5.608	5.507	5.707	494.160	500.000	-1.2
Aroclor-1016-4	5.705	5.604	5.804	514.300	500.000	2.9
Aroclor-1016-5	6.000	5.899	6.099	525.980	500.000	5.2
Aroclor-1260-1	7.126	7.026	7.226	489.010	500.000	-2.2
Aroclor-1260-2	7.383	7.282	7.482	517.380	500.000	3.5
Aroclor-1260-3	7.745	7.643	7.843	509.140	500.000	1.8
Aroclor-1260-4	7.969	7.868	8.068	518.330	500.000	3.7
Aroclor-1260-5	8.282	8.181	8.381	520.630	500.000	4.1
Decachlorobiphenyl	10.062	9.958	10.158	51.430	50.000	2.9
Tetrachloro-m-xylene	4.373	4.274	4.474	53.420	50.000	6.8

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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/15/2024 10/15/2024

Client Sample No.: CCAL01 **Date Analyzed:** 10/25/2024

Lab Sample No.: AR1660CCC500 **Data File :** PO107370.D **Time Analyzed:** 09:25

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.725	4.626	4.826	554.800	500.000	11.0
Aroclor-1016-2	4.744	4.645	4.845	567.110	500.000	13.4
Aroclor-1016-3	4.920	4.821	5.021	535.260	500.000	7.1
Aroclor-1016-4	4.961	4.862	5.062	509.110	500.000	1.8
Aroclor-1016-5	5.175	5.076	5.276	542.290	500.000	8.5
Aroclor-1260-1	6.205	6.107	6.307	541.100	500.000	8.2
Aroclor-1260-2	6.393	6.294	6.494	576.430	500.000	15.3
Aroclor-1260-3	6.546	6.448	6.648	552.590	500.000	10.5
Aroclor-1260-4	7.016	6.918	7.118	536.970	500.000	7.4
Aroclor-1260-5	7.257	7.159	7.359	571.380	500.000	14.3
Decachlorobiphenyl	8.636	8.539	8.739	52.070	50.000	4.1
Tetrachloro-m-xylene	3.644	3.545	3.745	55.350	50.000	10.7

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102524\
Data File : PO107370.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2024 09:25
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 23:51:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:53:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.373	3.644	486.8E6	178.1E6	53.418	55.351
2)	SA Decachlor...	10.062	8.636	126.2E6	142.7E6	51.426	52.065
	Target Compounds						
3)	L1 AR-1016-1	5.523	4.725	142.2E6	57292091	527.197	554.803
4)	L1 AR-1016-2	5.545	4.744	202.5E6	79944914	510.220	567.115
5)	L1 AR-1016-3	5.608	4.920	124.1E6	42149380	494.158	535.260
6)	L1 AR-1016-4	5.705	4.961	99060719	33656304	514.302	509.108
7)	L1 AR-1016-5	6.000	5.175	96071554	44540641	525.977	542.293
31)	L7 AR-1260-1	7.126	6.205	126.5E6	83953409	489.006	541.095
32)	L7 AR-1260-2	7.383	6.393	136.2E6	101.5E6	517.381	576.431
33)	L7 AR-1260-3	7.745	6.546	91516251	92696731	509.145	552.595
34)	L7 AR-1260-4	7.969	7.016	90968913	77688625	518.330	536.966
35)	L7 AR-1260-5	8.282	7.257	148.1E6	188.2E6	520.628	571.380

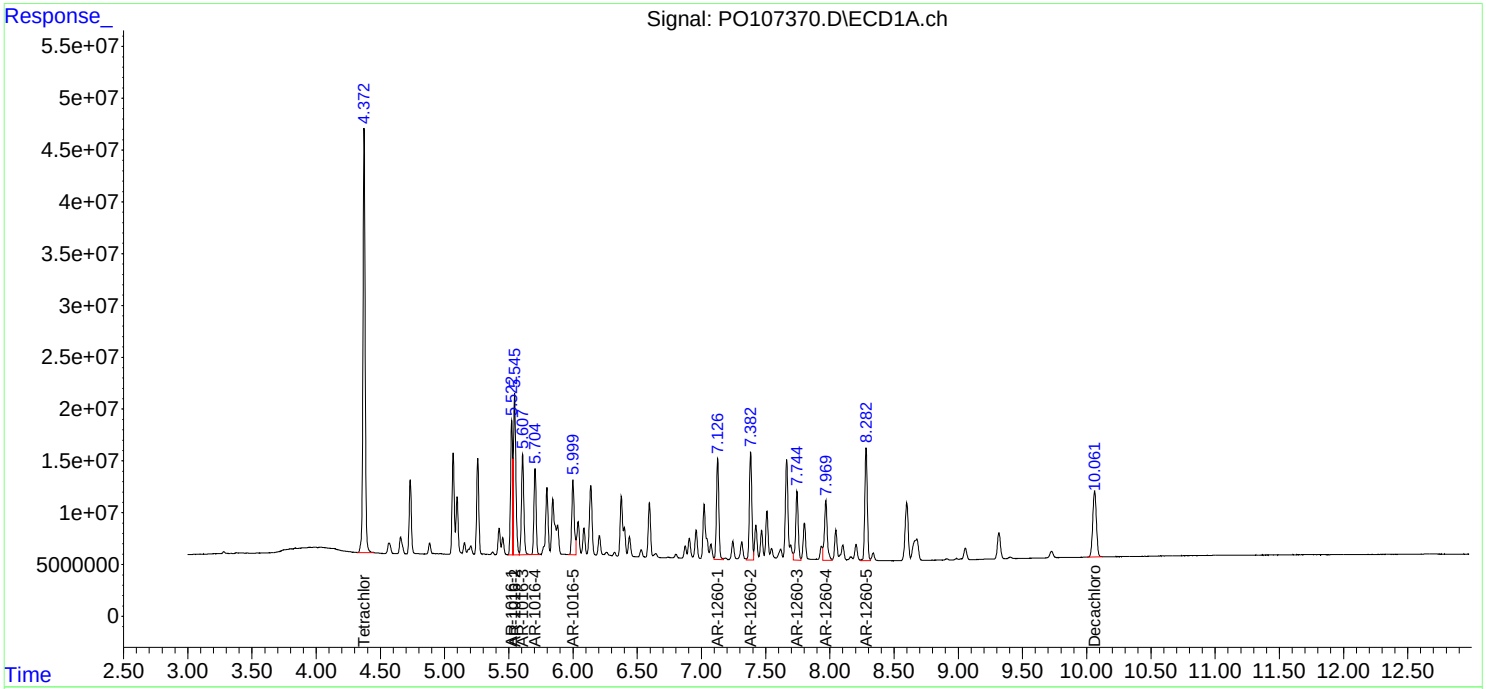
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

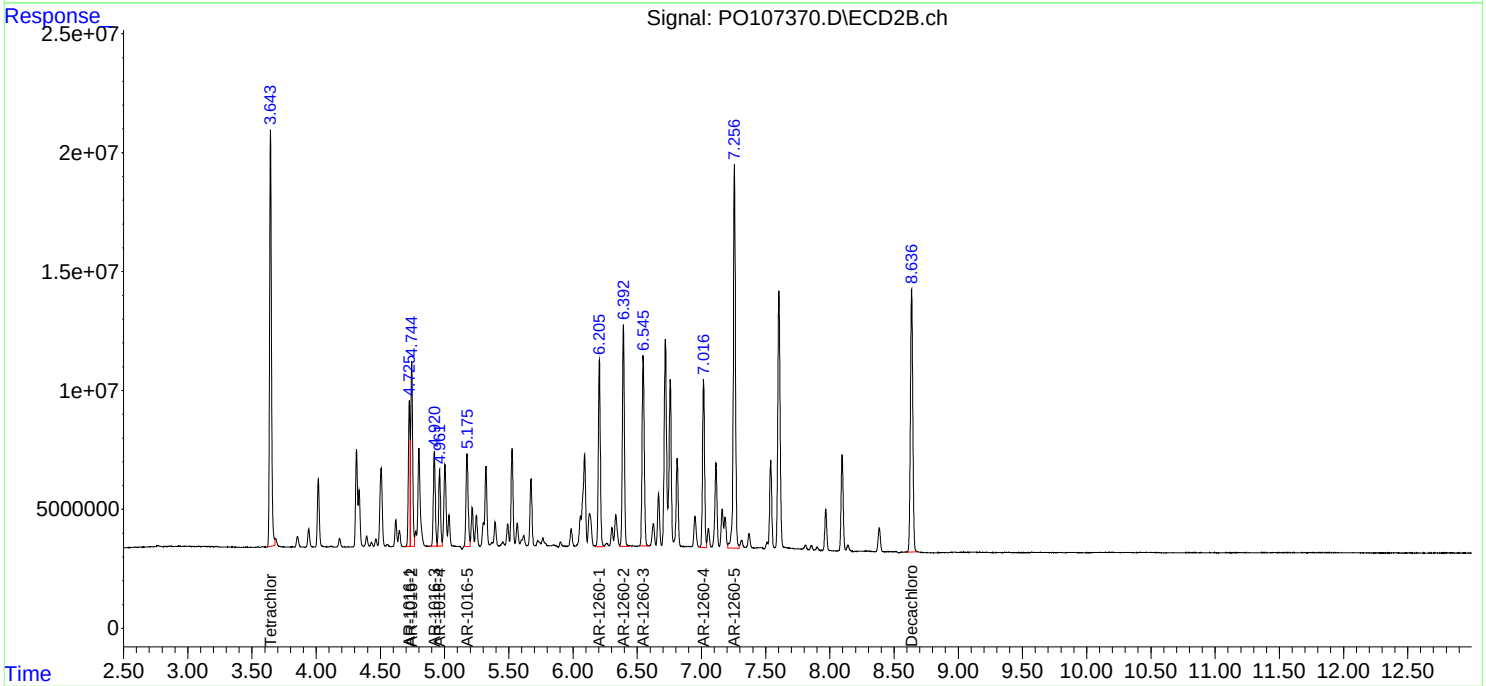
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102524\
Data File : PO107370.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2024 09:25
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

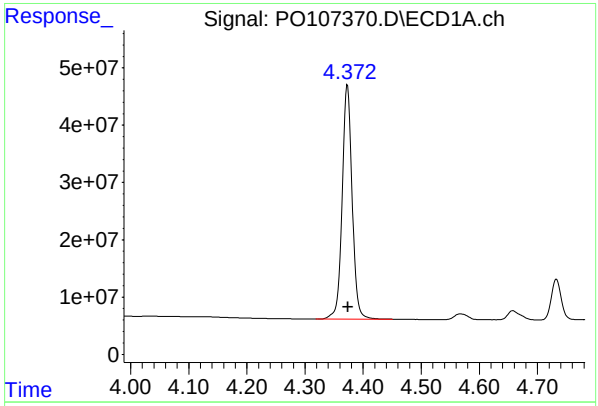
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 23:51:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:53:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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



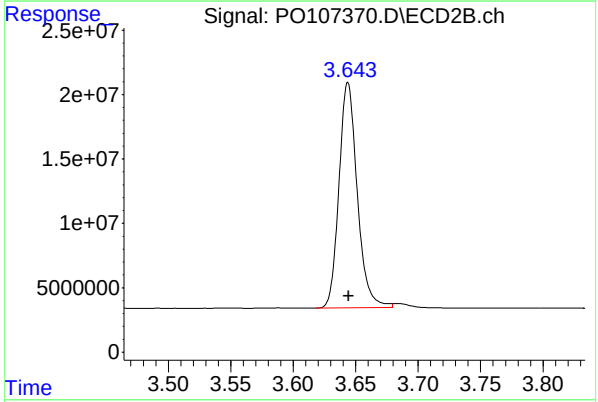




#1 Tetrachloro-m-xylene

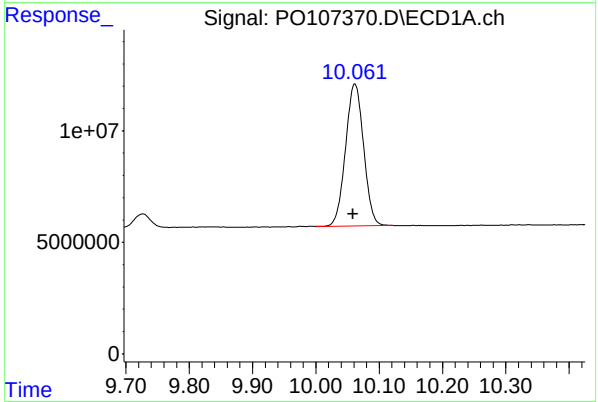
R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 486844341
Conc: 53.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



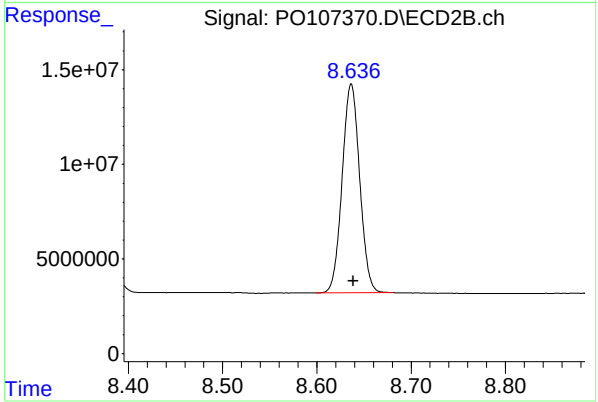
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 178147488
Conc: 55.35 ng/ml



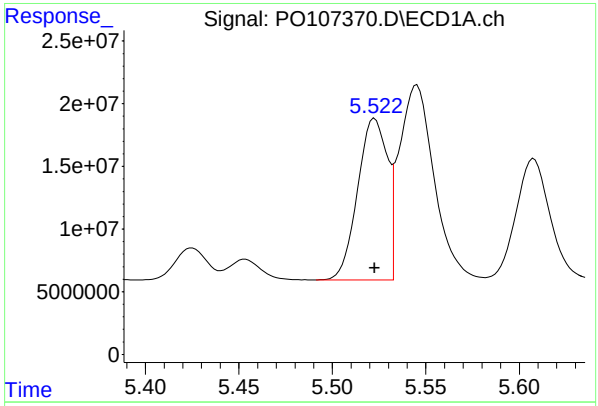
#2 Decachlorobiphenyl

R.T.: 10.062 min
Delta R.T.: 0.003 min
Response: 126168276
Conc: 51.43 ng/ml



#2 Decachlorobiphenyl

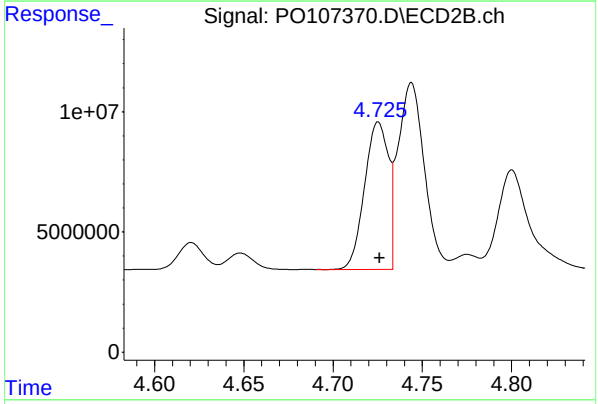
R.T.: 8.636 min
Delta R.T.: -0.002 min
Response: 142741812
Conc: 52.07 ng/ml



#3 AR-1016-1

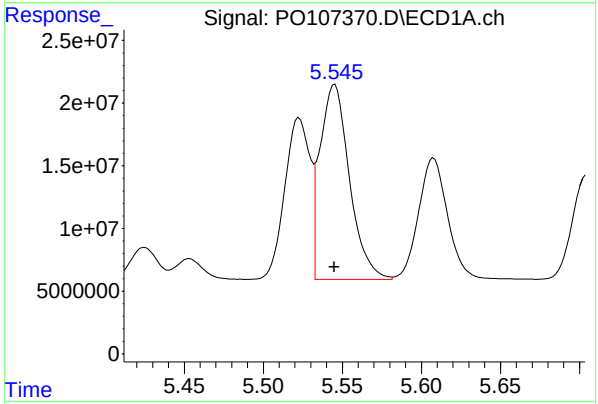
R.T.: 5.523 min
Delta R.T.: 0.000 min
Response: 142245412
Conc: 527.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



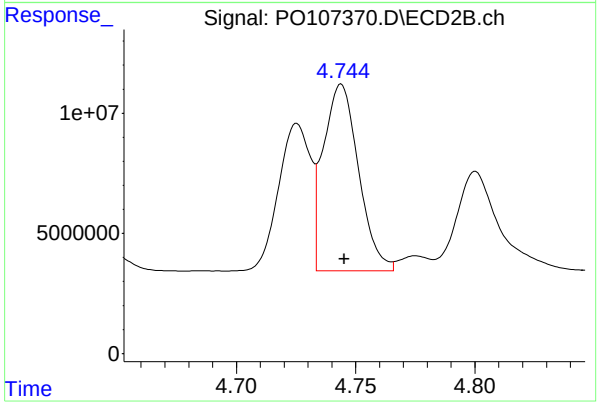
#3 AR-1016-1

R.T.: 4.725 min
Delta R.T.: 0.000 min
Response: 57292091
Conc: 554.80 ng/ml



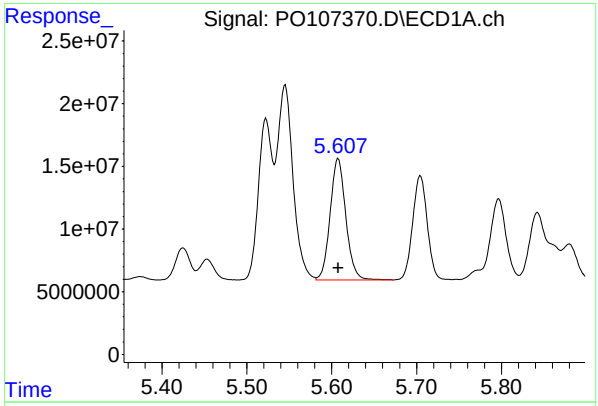
#4 AR-1016-2

R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 202498518
Conc: 510.22 ng/ml



#4 AR-1016-2

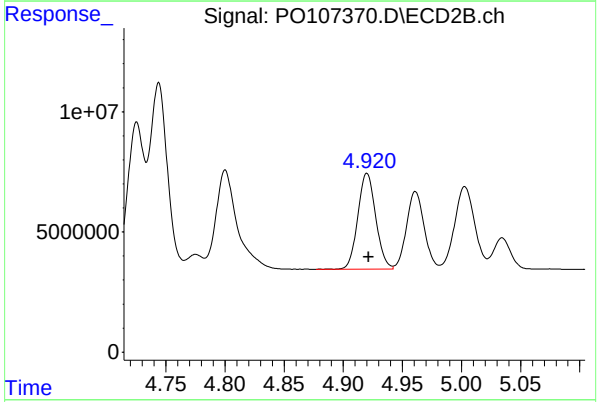
R.T.: 4.744 min
Delta R.T.: -0.001 min
Response: 79944914
Conc: 567.11 ng/ml



#5 AR-1016-3

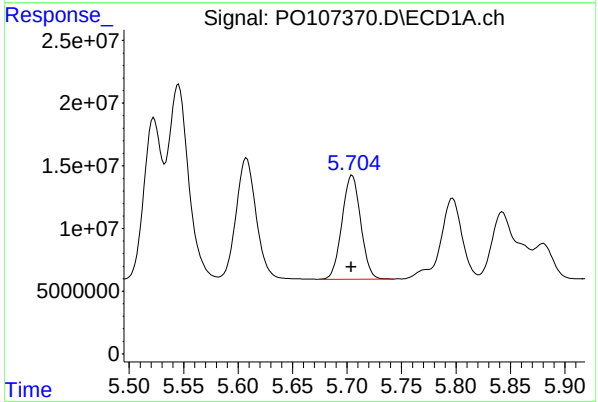
R.T.: 5.608 min
Delta R.T.: 0.000 min
Response: 124117505
Conc: 494.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



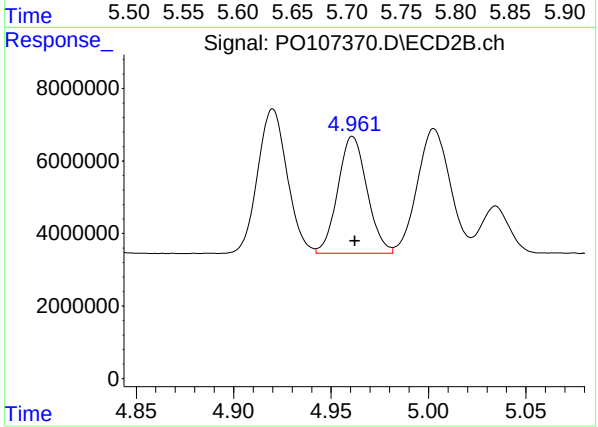
#5 AR-1016-3

R.T.: 4.920 min
Delta R.T.: -0.001 min
Response: 42149380
Conc: 535.26 ng/ml



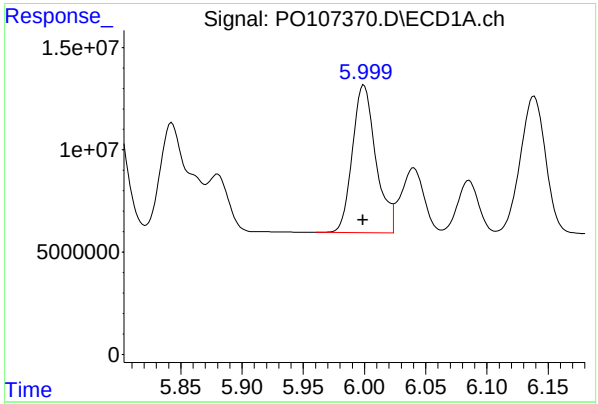
#6 AR-1016-4

R.T.: 5.705 min
Delta R.T.: 0.000 min
Response: 99060719
Conc: 514.30 ng/ml



#6 AR-1016-4

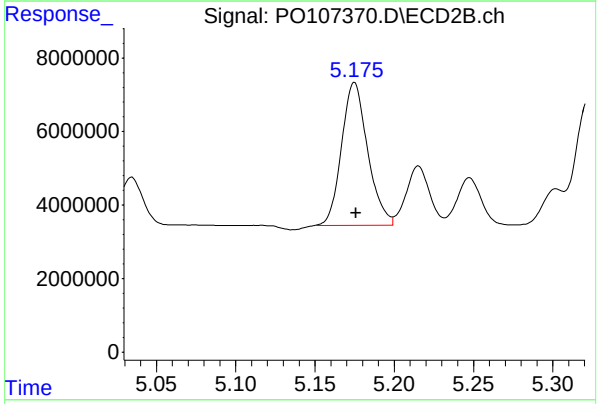
R.T.: 4.961 min
Delta R.T.: -0.001 min
Response: 33656304
Conc: 509.11 ng/ml



#7 AR-1016-5

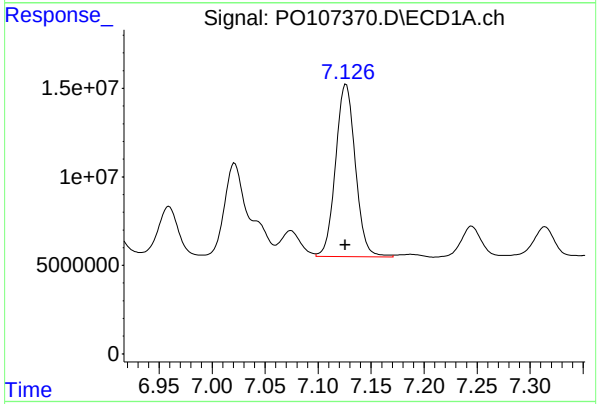
R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 96071554
Conc: 525.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



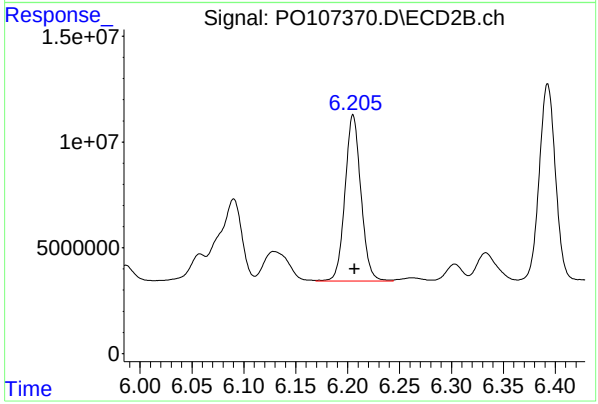
#7 AR-1016-5

R.T.: 5.175 min
Delta R.T.: -0.001 min
Response: 44540641
Conc: 542.29 ng/ml



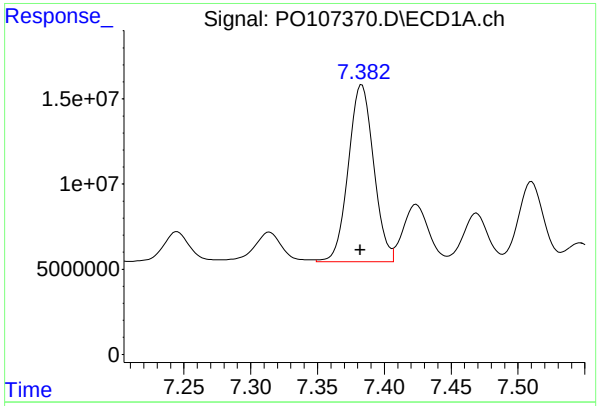
#31 AR-1260-1

R.T.: 7.126 min
Delta R.T.: 0.000 min
Response: 126451329
Conc: 489.01 ng/ml



#31 AR-1260-1

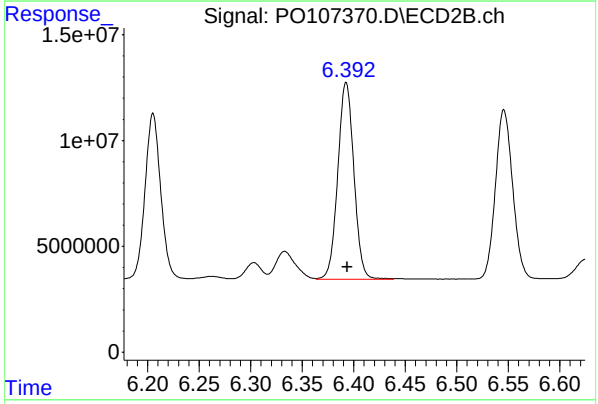
R.T.: 6.205 min
Delta R.T.: -0.002 min
Response: 83953409
Conc: 541.10 ng/ml



#32 AR-1260-2

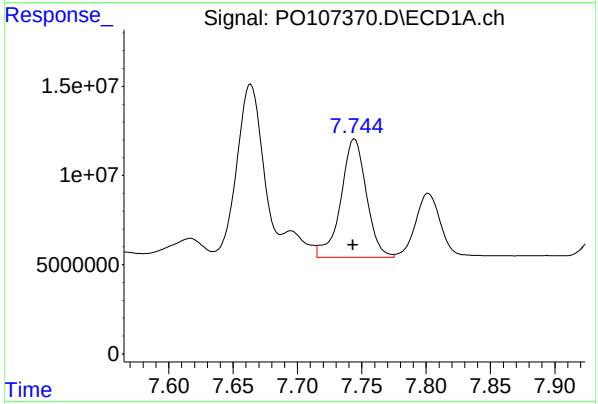
R.T.: 7.383 min
Delta R.T.: 0.001 min
Response: 136185152
Conc: 517.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



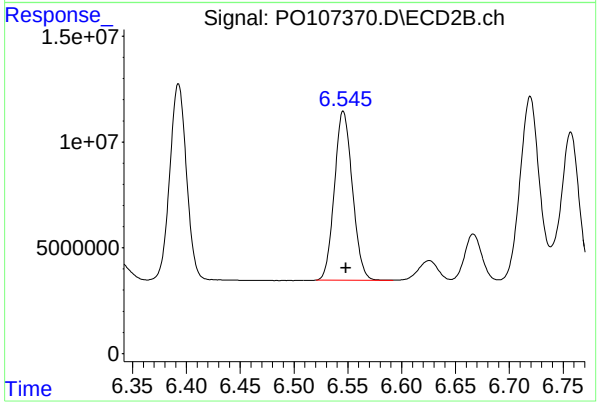
#32 AR-1260-2

R.T.: 6.393 min
Delta R.T.: -0.001 min
Response: 101518512
Conc: 576.43 ng/ml



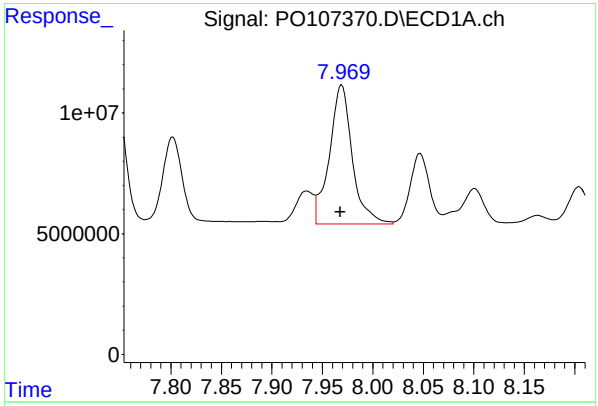
#33 AR-1260-3

R.T.: 7.745 min
Delta R.T.: 0.001 min
Response: 91516251
Conc: 509.14 ng/ml



#33 AR-1260-3

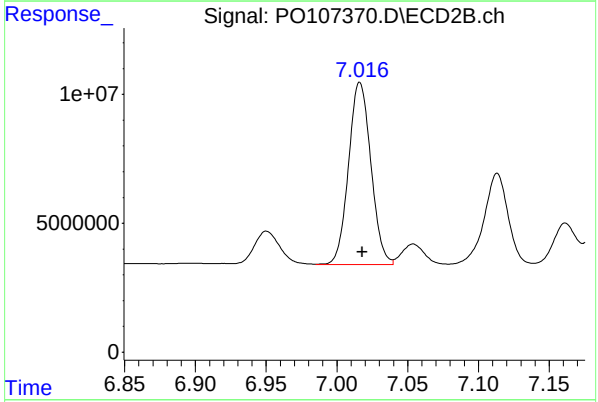
R.T.: 6.546 min
Delta R.T.: -0.002 min
Response: 92696731
Conc: 552.59 ng/ml



#34 AR-1260-4

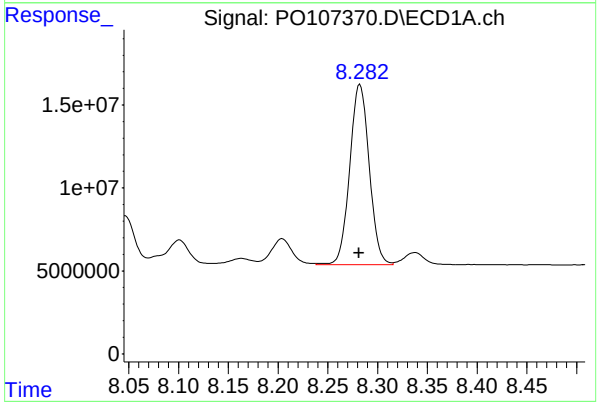
R.T.: 7.969 min
Delta R.T.: 0.001 min
Response: 90968913
Conc: 518.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



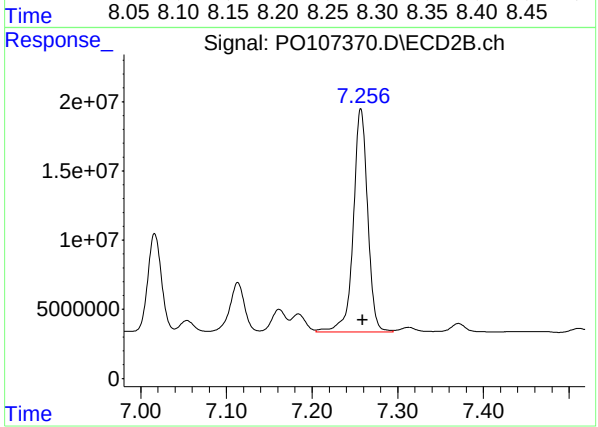
#34 AR-1260-4

R.T.: 7.016 min
Delta R.T.: -0.002 min
Response: 77688625
Conc: 536.97 ng/ml



#35 AR-1260-5

R.T.: 8.282 min
Delta R.T.: 0.001 min
Response: 148063331
Conc: 520.63 ng/ml



#35 AR-1260-5

R.T.: 7.257 min
Delta R.T.: -0.002 min
Response: 188235731
Conc: 571.38 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

Continuing Calib Date: 10/25/2024 **Initial Calibration Date(s):** 10/15/2024 10/16/2024

Continuing Calib Time: 15:49 **Initial Calibration Time(s):** 18:27 02:36

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)	5.52	5.52	5.42	5.62	0.00
Aroclor-1016-2	(2)	5.54	5.55	5.45	5.65	0.01
Aroclor-1016-3	(3)	5.61	5.61	5.51	5.71	0.00
Aroclor-1016-4	(4)	5.70	5.70	5.60	5.80	0.00
Aroclor-1016-5	(5)	6.00	6.00	5.90	6.10	0.00
Aroclor-1260-1	(1)	7.13	7.13	7.03	7.23	0.00
Aroclor-1260-2	(2)	7.38	7.38	7.28	7.48	0.00
Aroclor-1260-3	(3)	7.74	7.74	7.64	7.84	0.00
Aroclor-1260-4	(4)	7.97	7.97	7.87	8.07	0.00
Aroclor-1260-5	(5)	8.28	8.28	8.18	8.38	0.00
Tetrachloro-m-xylene		4.37	4.37	4.27	4.47	0.00
Decachlorobiphenyl		10.06	10.06	9.96	10.16	0.00

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

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

Continuing Calib Date: 10/25/2024 **Initial Calibration Date(s):** 10/15/2024 10/16/2024

Continuing Calib Time: 15:49 **Initial Calibration Time(s):** 18:27 02:36

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)	4.73	4.73	4.63	4.83	0.00
Aroclor-1016-2	(2)	4.75	4.75	4.65	4.85	0.01
Aroclor-1016-3	(3)	4.92	4.92	4.82	5.02	0.00
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.18	5.18	5.08	5.28	0.00
Aroclor-1260-1	(1)	6.21	6.21	6.11	6.31	0.00
Aroclor-1260-2	(2)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-3	(3)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-4	(4)	7.02	7.02	6.92	7.12	0.00
Aroclor-1260-5	(5)	7.26	7.26	7.16	7.36	0.00
Tetrachloro-m-xylene		3.65	3.65	3.55	3.75	0.01
Decachlorobiphenyl		8.64	8.64	8.54	8.74	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/15/2024 10/15/2024

Client Sample No.: CCAL02 **Date Analyzed:** 10/25/2024

Lab Sample No.: AR1660CCC500 **Data File :** PO107382.D **Time Analyzed:** 15:49

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.522	5.423	5.623	541.940	500.000	8.4
Aroclor-1016-2	5.544	5.445	5.645	534.490	500.000	6.9
Aroclor-1016-3	5.606	5.507	5.707	524.670	500.000	4.9
Aroclor-1016-4	5.704	5.604	5.804	550.740	500.000	10.1
Aroclor-1016-5	5.998	5.899	6.099	549.630	500.000	9.9
Aroclor-1260-1	7.125	7.026	7.226	524.670	500.000	4.9
Aroclor-1260-2	7.382	7.282	7.482	536.310	500.000	7.3
Aroclor-1260-3	7.743	7.643	7.843	515.030	500.000	3.0
Aroclor-1260-4	7.968	7.868	8.068	522.860	500.000	4.6
Aroclor-1260-5	8.281	8.181	8.381	527.620	500.000	5.5
Decachlorobiphenyl	10.061	9.958	10.158	52.130	50.000	4.3
Tetrachloro-m-xylene	4.373	4.274	4.474	55.320	50.000	10.6

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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/15/2024 10/15/2024

Client Sample No.: CCAL02 **Date Analyzed:** 10/25/2024

Lab Sample No.: AR1660CCC500 **Data File :** PO107382.D **Time Analyzed:** 15:49

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.726	4.626	4.826	553.460	500.000	10.7
Aroclor-1016-2	4.745	4.645	4.845	567.100	500.000	13.4
Aroclor-1016-3	4.921	4.821	5.021	533.360	500.000	6.7
Aroclor-1016-4	4.962	4.862	5.062	510.120	500.000	2.0
Aroclor-1016-5	5.175	5.076	5.276	544.660	500.000	8.9
Aroclor-1260-1	6.206	6.107	6.307	548.980	500.000	9.8
Aroclor-1260-2	6.393	6.294	6.494	584.550	500.000	16.9
Aroclor-1260-3	6.547	6.448	6.648	558.400	500.000	11.7
Aroclor-1260-4	7.017	6.918	7.118	558.220	500.000	11.6
Aroclor-1260-5	7.257	7.159	7.359	591.990	500.000	18.4
Decachlorobiphenyl	8.638	8.539	8.739	53.990	50.000	8.0
Tetrachloro-m-xylene	3.645	3.545	3.745	55.010	50.000	10.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102524\
Data File : PO107382.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2024 15:49
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 23:58:44 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:53:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.373	3.645	504.2E6	177.0E6	55.323	55.009
2)	SA Decachlor...	10.061	8.638	127.9E6	148.0E6	52.126	53.993
	Target Compounds						
3)	L1 AR-1016-1	5.522	4.726	146.2E6	57153052	541.945	553.457
4)	L1 AR-1016-2	5.544	4.745	212.1E6	79942361	534.494	567.097
5)	L1 AR-1016-3	5.606	4.921	131.8E6	41999671	524.669	533.359
6)	L1 AR-1016-4	5.704	4.962	106.1E6	33722898	550.738	510.116
7)	L1 AR-1016-5	5.998	5.175	100.4E6	44735015	549.632	544.660
31)	L7 AR-1260-1	7.125	6.206	135.7E6	85176313	524.670	548.977
32)	L7 AR-1260-2	7.382	6.393	141.2E6	102.9E6	536.306	584.549
33)	L7 AR-1260-3	7.743	6.547	92574157	93670402	515.030	558.399
34)	L7 AR-1260-4	7.968	7.017	91764602	80764036	522.864	558.222
35)	L7 AR-1260-5	8.281	7.257	150.1E6	195.0E6	527.617	591.994

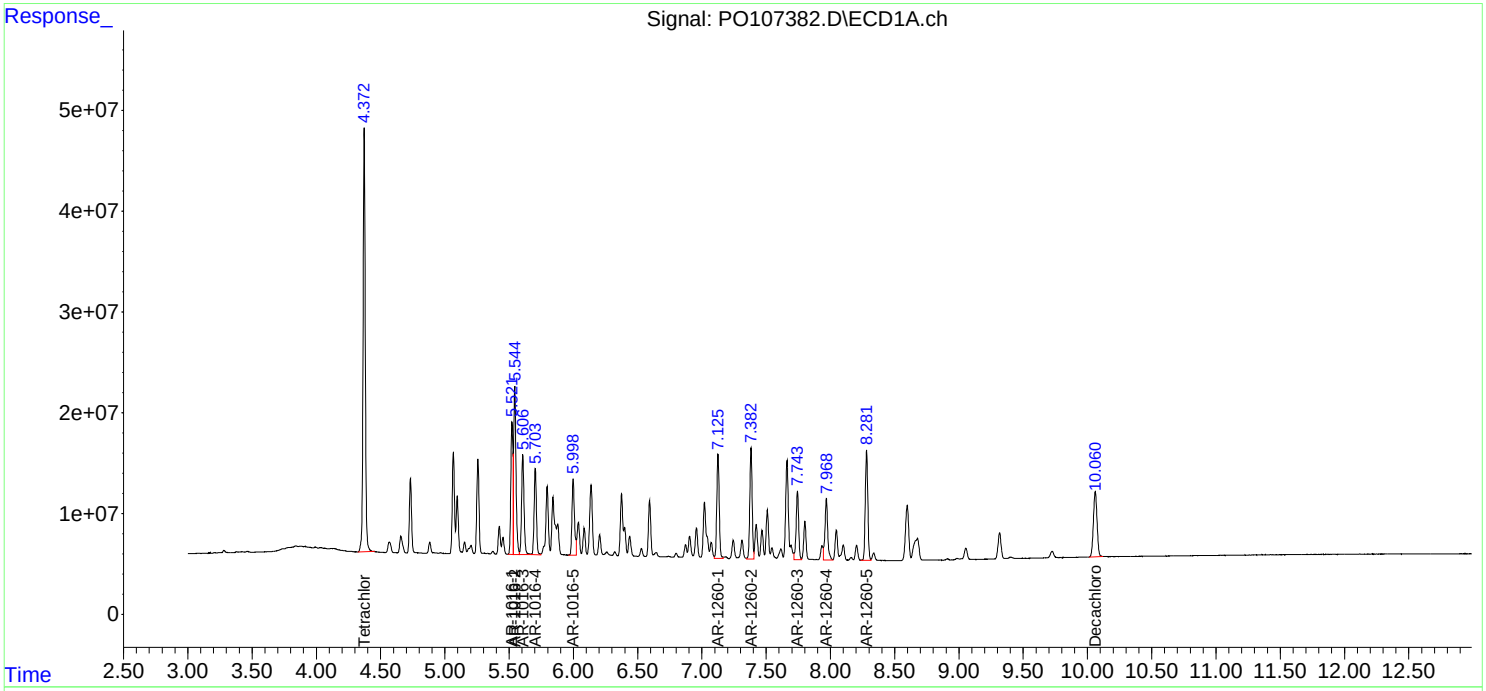
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

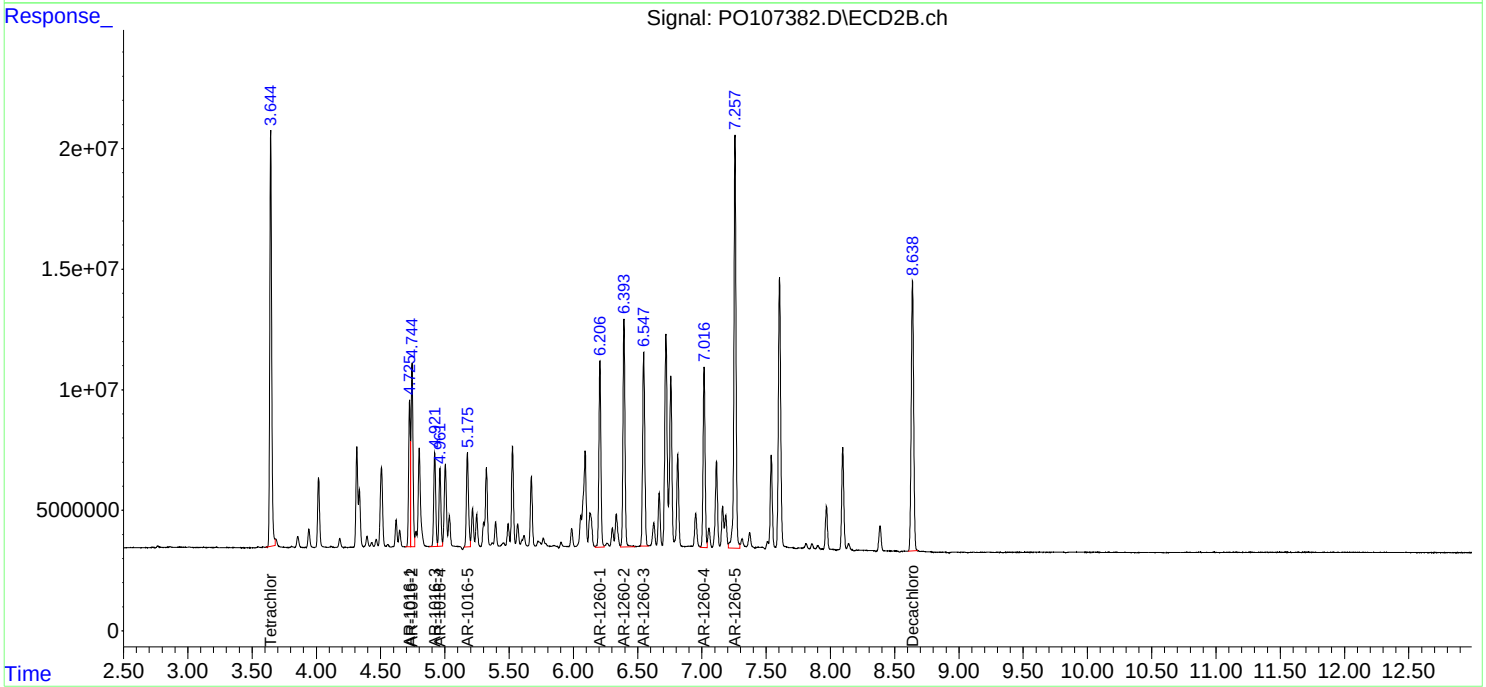
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102524\
Data File : PO107382.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2024 15:49
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

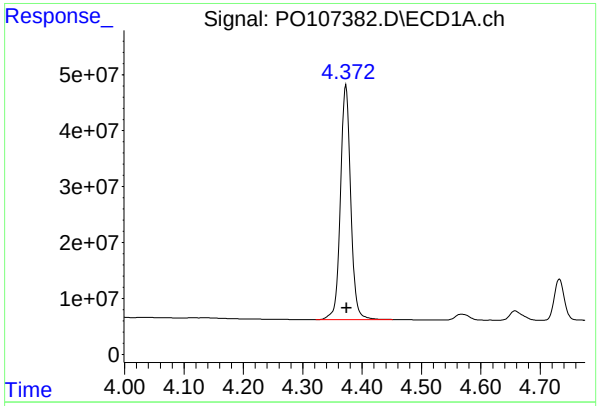
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 23:58:44 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:53:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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



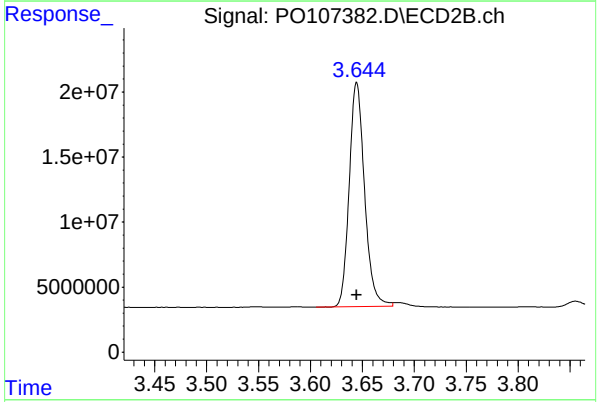




#1 Tetrachloro-m-xylene

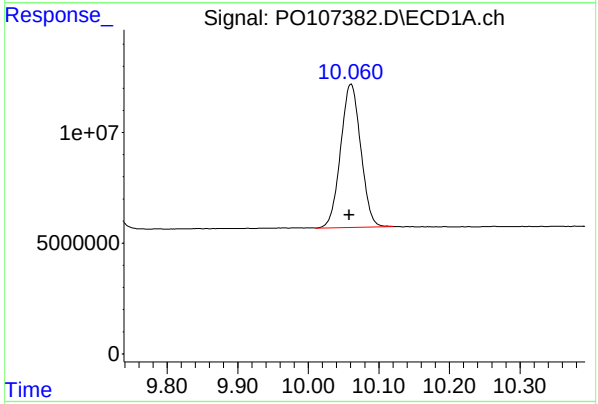
R.T.: 4.373 min
Delta R.T.: -0.001 min
Response: 504212666
Conc: 55.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



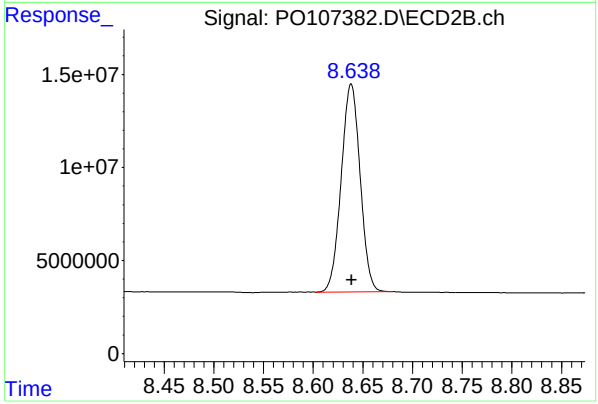
#1 Tetrachloro-m-xylene

R.T.: 3.645 min
Delta R.T.: 0.000 min
Response: 177045612
Conc: 55.01 ng/ml



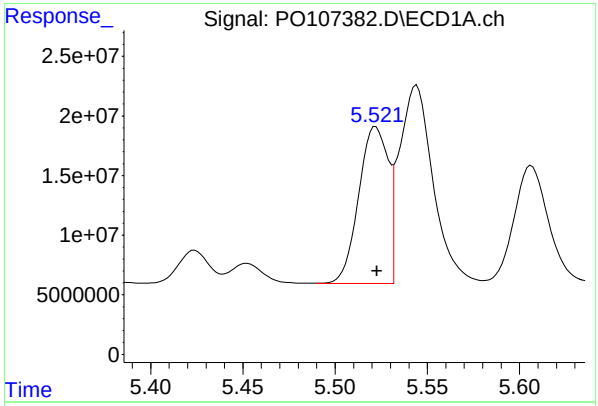
#2 Decachlorobiphenyl

R.T.: 10.061 min
Delta R.T.: 0.002 min
Response: 127885189
Conc: 52.13 ng/ml



#2 Decachlorobiphenyl

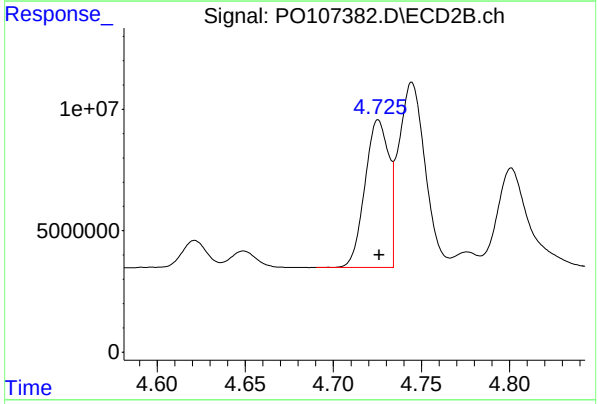
R.T.: 8.638 min
Delta R.T.: 0.000 min
Response: 148028252
Conc: 53.99 ng/ml



#3 AR-1016-1

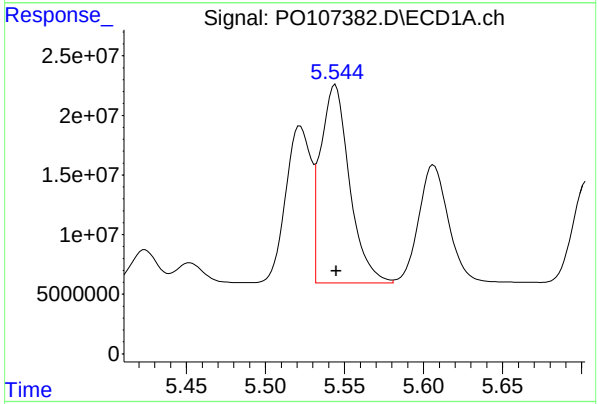
R.T.: 5.522 min
Delta R.T.: 0.000 min
Response: 146224456
Conc: 541.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



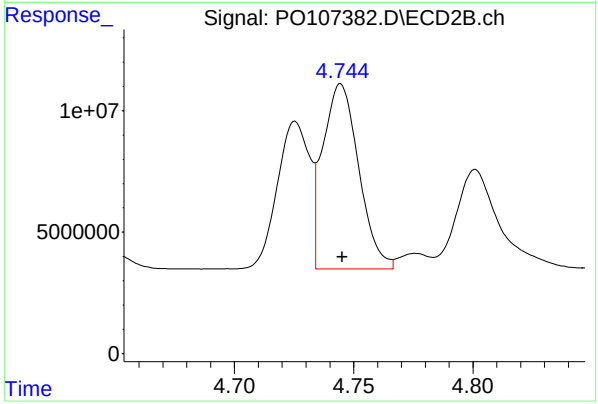
#3 AR-1016-1

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 57153052
Conc: 553.46 ng/ml



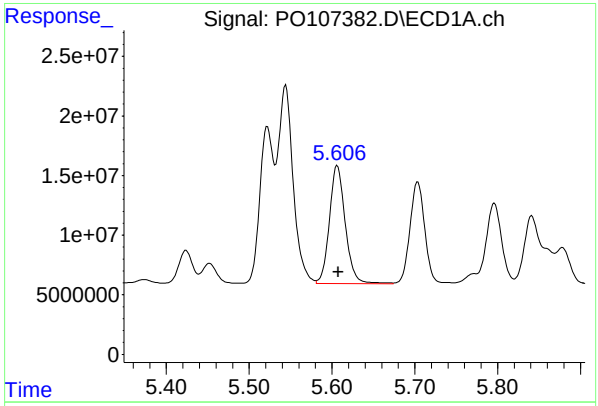
#4 AR-1016-2

R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 212132549
Conc: 534.49 ng/ml



#4 AR-1016-2

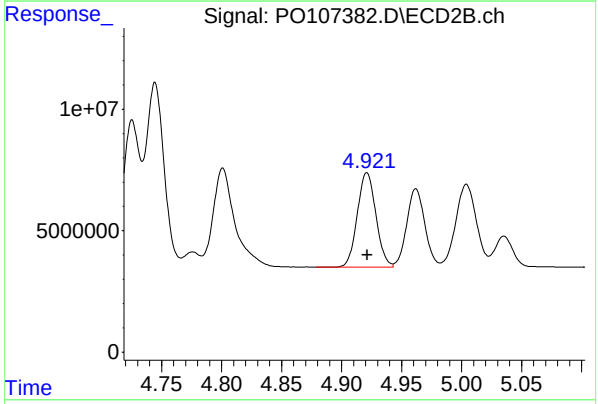
R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 79942361
Conc: 567.10 ng/ml



#5 AR-1016-3

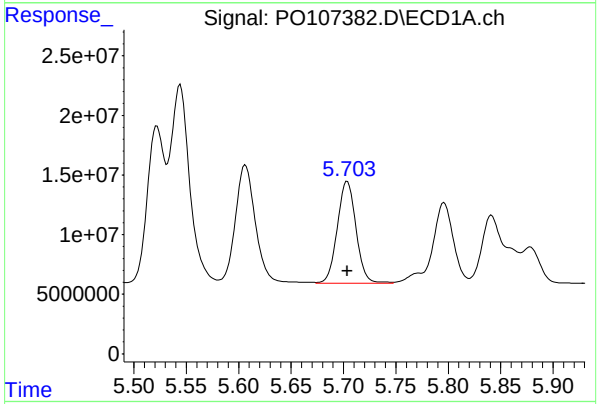
R.T.: 5.606 min
Delta R.T.: -0.001 min
Response: 131780769
Conc: 524.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



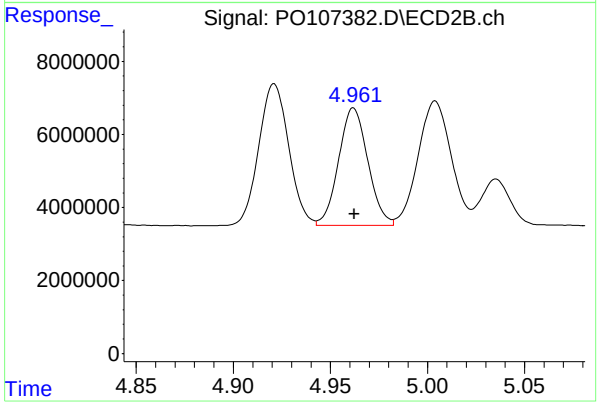
#5 AR-1016-3

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 41999671
Conc: 533.36 ng/ml



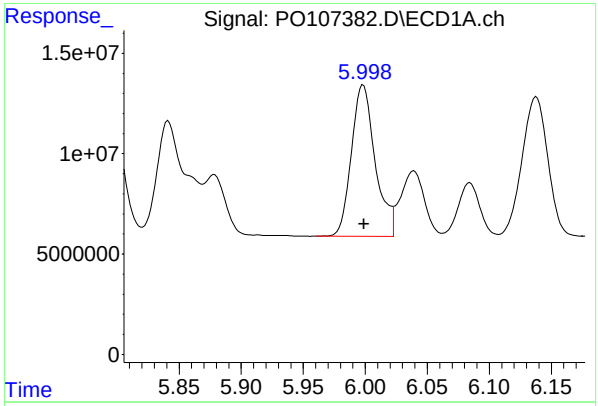
#6 AR-1016-4

R.T.: 5.704 min
Delta R.T.: 0.000 min
Response: 106078795
Conc: 550.74 ng/ml



#6 AR-1016-4

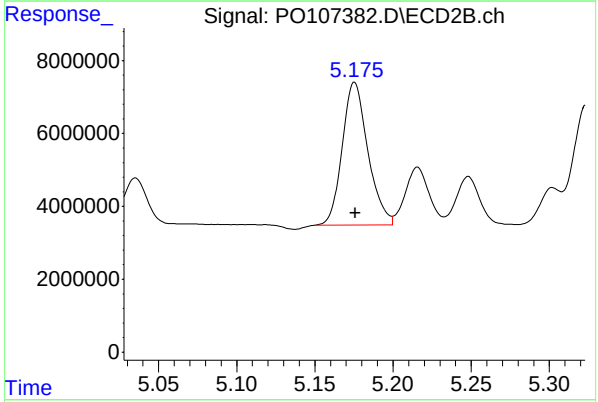
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 33722898
Conc: 510.12 ng/ml



#7 AR-1016-5

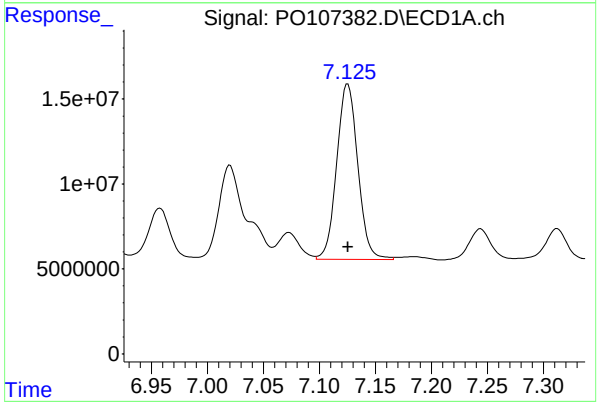
R.T.: 5.998 min
Delta R.T.: 0.000 min
Response: 100392318
Conc: 549.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



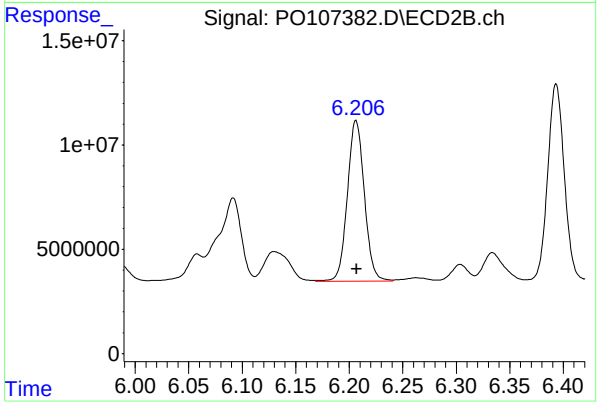
#7 AR-1016-5

R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 44735015
Conc: 544.66 ng/ml



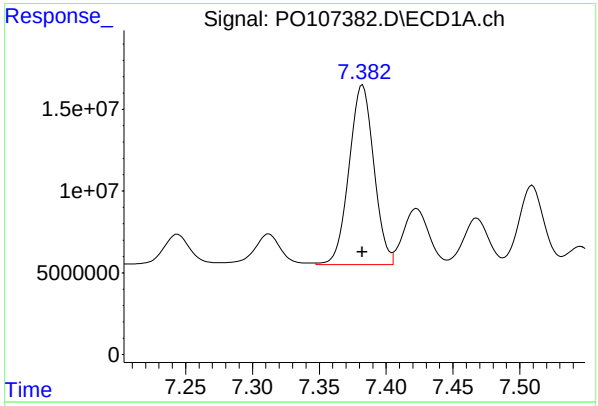
#31 AR-1260-1

R.T.: 7.125 min
Delta R.T.: 0.000 min
Response: 135673684
Conc: 524.67 ng/ml



#31 AR-1260-1

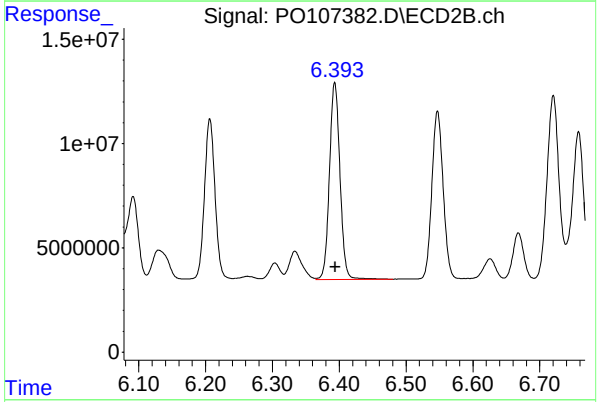
R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 85176313
Conc: 548.98 ng/ml



#32 AR-1260-2

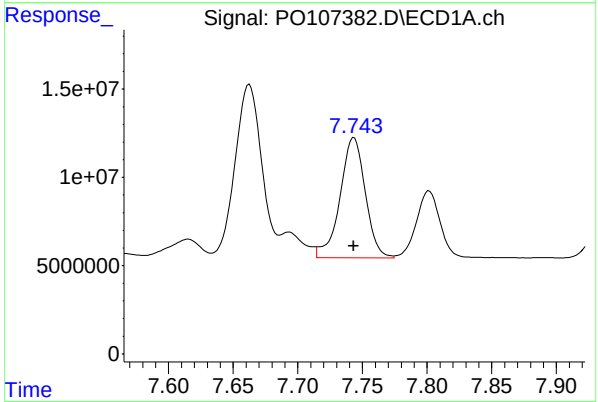
R.T.: 7.382 min
Delta R.T.: 0.000 min
Response: 141166579
Conc: 536.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



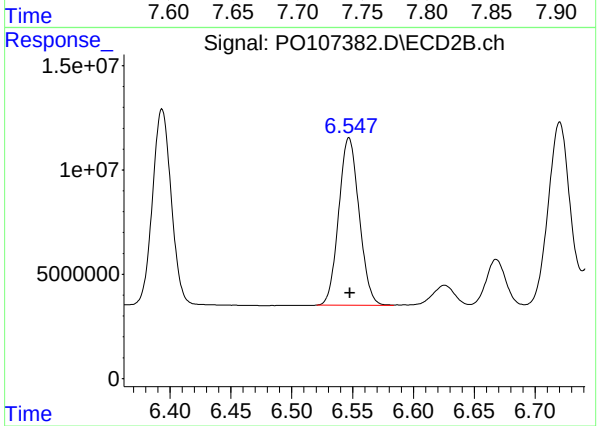
#32 AR-1260-2

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 102948230
Conc: 584.55 ng/ml



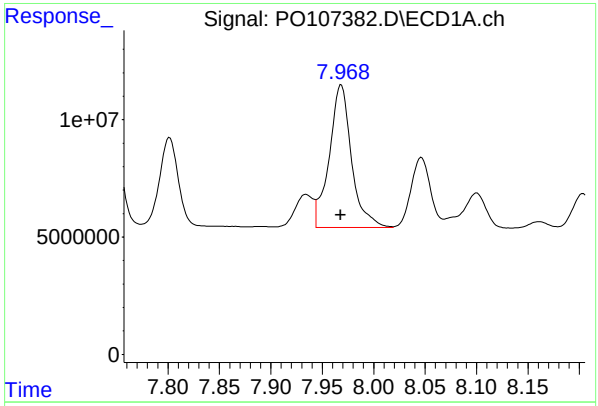
#33 AR-1260-3

R.T.: 7.743 min
Delta R.T.: 0.000 min
Response: 92574157
Conc: 515.03 ng/ml



#33 AR-1260-3

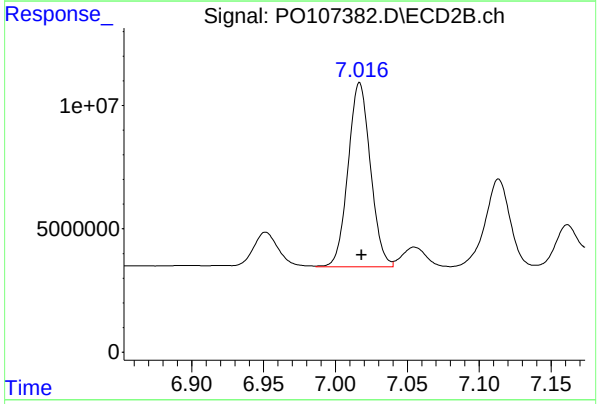
R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 93670402
Conc: 558.40 ng/ml



#34 AR-1260-4

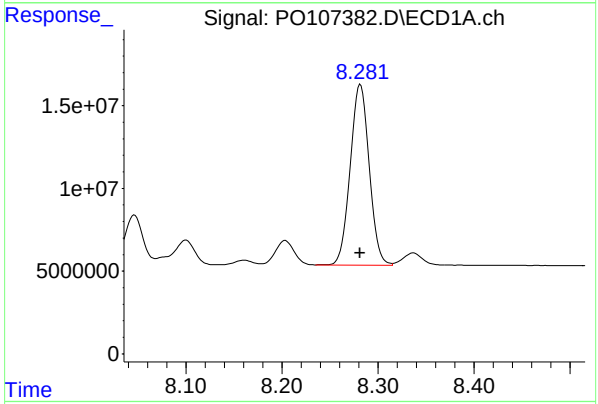
R.T.: 7.968 min
Delta R.T.: 0.000 min
Response: 91764602
Conc: 522.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



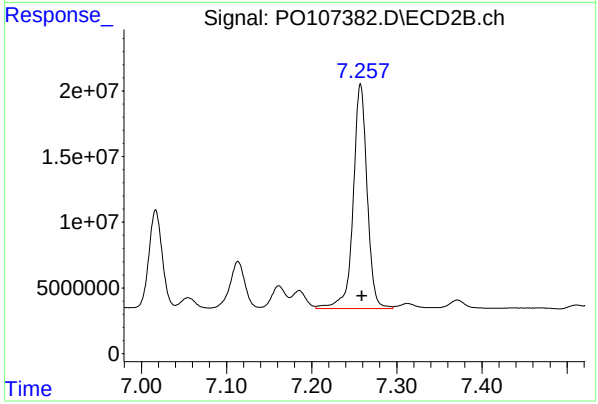
#34 AR-1260-4

R.T.: 7.017 min
Delta R.T.: -0.001 min
Response: 80764036
Conc: 558.22 ng/ml



#35 AR-1260-5

R.T.: 8.281 min
Delta R.T.: 0.000 min
Response: 150051085
Conc: 527.62 ng/ml



#35 AR-1260-5

R.T.: 7.257 min
Delta R.T.: -0.002 min
Response: 195026918
Conc: 591.99 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

Continuing Calib Date: 10/25/2024 **Initial Calibration Date(s):** 10/15/2024 10/16/2024

Continuing Calib Time: 20:48 **Initial Calibration Time(s):** 18:27 02:36

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)	5.52	5.52	5.42	5.62	0.00
Aroclor-1016-2	(2)	5.54	5.55	5.45	5.65	0.01
Aroclor-1016-3	(3)	5.61	5.61	5.51	5.71	0.00
Aroclor-1016-4	(4)	5.70	5.70	5.60	5.80	0.00
Aroclor-1016-5	(5)	6.00	6.00	5.90	6.10	0.00
Aroclor-1260-1	(1)	7.13	7.13	7.03	7.23	0.00
Aroclor-1260-2	(2)	7.38	7.38	7.28	7.48	0.00
Aroclor-1260-3	(3)	7.74	7.74	7.64	7.84	0.00
Aroclor-1260-4	(4)	7.97	7.97	7.87	8.07	0.00
Aroclor-1260-5	(5)	8.28	8.28	8.18	8.38	0.00
Tetrachloro-m-xylene		4.37	4.37	4.27	4.47	0.00
Decachlorobiphenyl		10.06	10.06	9.96	10.16	0.00

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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

Continuing Calib Date: 10/25/2024 **Initial Calibration Date(s):** 10/15/2024 10/16/2024

Continuing Calib Time: 20:48 **Initial Calibration Time(s):** 18:27 02:36

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)	4.73	4.73	4.63	4.83	0.01
Aroclor-1016-2	(2)	4.74	4.75	4.65	4.85	0.01
Aroclor-1016-3	(3)	4.92	4.92	4.82	5.02	0.00
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.18	5.18	5.08	5.28	0.00
Aroclor-1260-1	(1)	6.21	6.21	6.11	6.31	0.00
Aroclor-1260-2	(2)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-3	(3)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-4	(4)	7.02	7.02	6.92	7.12	0.00
Aroclor-1260-5	(5)	7.26	7.26	7.16	7.36	0.00
Tetrachloro-m-xylene		3.64	3.65	3.55	3.75	0.01
Decachlorobiphenyl		8.64	8.64	8.54	8.74	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/15/2024 10/15/2024

Client Sample No.: CCAL03 **Date Analyzed:** 10/25/2024

Lab Sample No.: AR1660CCC500 **Data File :** PO107397.D **Time Analyzed:** 20:48

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.521	5.423	5.623	494.170	500.000	-1.2
Aroclor-1016-2	5.543	5.445	5.645	479.380	500.000	-4.1
Aroclor-1016-3	5.606	5.507	5.707	461.860	500.000	-7.6
Aroclor-1016-4	5.703	5.604	5.804	477.250	500.000	-4.6
Aroclor-1016-5	5.998	5.899	6.099	475.790	500.000	-4.8
Aroclor-1260-1	7.125	7.026	7.226	485.380	500.000	-2.9
Aroclor-1260-2	7.382	7.282	7.482	484.810	500.000	-3.0
Aroclor-1260-3	7.744	7.643	7.843	458.270	500.000	-8.3
Aroclor-1260-4	7.968	7.868	8.068	467.110	500.000	-6.6
Aroclor-1260-5	8.281	8.181	8.381	484.470	500.000	-3.1
Decachlorobiphenyl	10.061	9.958	10.158	50.240	50.000	0.5
Tetrachloro-m-xylene	4.372	4.274	4.474	52.530	50.000	5.1

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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/15/2024 10/15/2024

Client Sample No.: CCAL03 **Date Analyzed:** 10/25/2024

Lab Sample No.: AR1660CCC500 **Data File :** PO107397.D **Time Analyzed:** 20:48

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.725	4.626	4.826	537.990	500.000	7.6
Aroclor-1016-2	4.744	4.645	4.845	546.030	500.000	9.2
Aroclor-1016-3	4.920	4.821	5.021	516.060	500.000	3.2
Aroclor-1016-4	4.961	4.862	5.062	492.570	500.000	-1.5
Aroclor-1016-5	5.175	5.076	5.276	524.530	500.000	4.9
Aroclor-1260-1	6.206	6.107	6.307	496.750	500.000	-0.7
Aroclor-1260-2	6.393	6.294	6.494	527.570	500.000	5.5
Aroclor-1260-3	6.546	6.448	6.648	500.040	500.000	0.0
Aroclor-1260-4	7.017	6.918	7.118	488.580	500.000	-2.3
Aroclor-1260-5	7.258	7.159	7.359	504.820	500.000	1.0
Decachlorobiphenyl	8.637	8.539	8.739	47.900	50.000	-4.2
Tetrachloro-m-xylene	3.644	3.545	3.745	52.630	50.000	5.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102524\
Data File : PO107397.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2024 20:48
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 26 00:07:29 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:53:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.372	3.644	478.8E6	169.4E6	52.532	52.626
2)	SA Decachlor...	10.061	8.637	123.3E6	131.3E6	50.240	47.896
	Target Compounds						
3)	L1 AR-1016-1	5.521	4.725	133.3E6	55555618	494.174	537.987
4)	L1 AR-1016-2	5.543	4.744	190.3E6	76971973	479.378	546.025
5)	L1 AR-1016-3	5.606	4.920	116.0E6	40637771	461.855	516.064
6)	L1 AR-1016-4	5.703	4.961	91923757	32563009	477.249	492.570
7)	L1 AR-1016-5	5.998	5.175	86904445	43081691	475.788	524.530
31)	L7 AR-1260-1	7.125	6.206	125.5E6	77072678	485.380	496.748
32)	L7 AR-1260-2	7.382	6.393	127.6E6	92913430	484.812	527.571
33)	L7 AR-1260-3	7.744	6.546	82371608	83880491	458.269	500.038
34)	L7 AR-1260-4	7.968	7.017	81979661	70688226	467.110	488.581
35)	L7 AR-1260-5	8.281	7.258	137.8E6	166.3E6	484.473	504.817

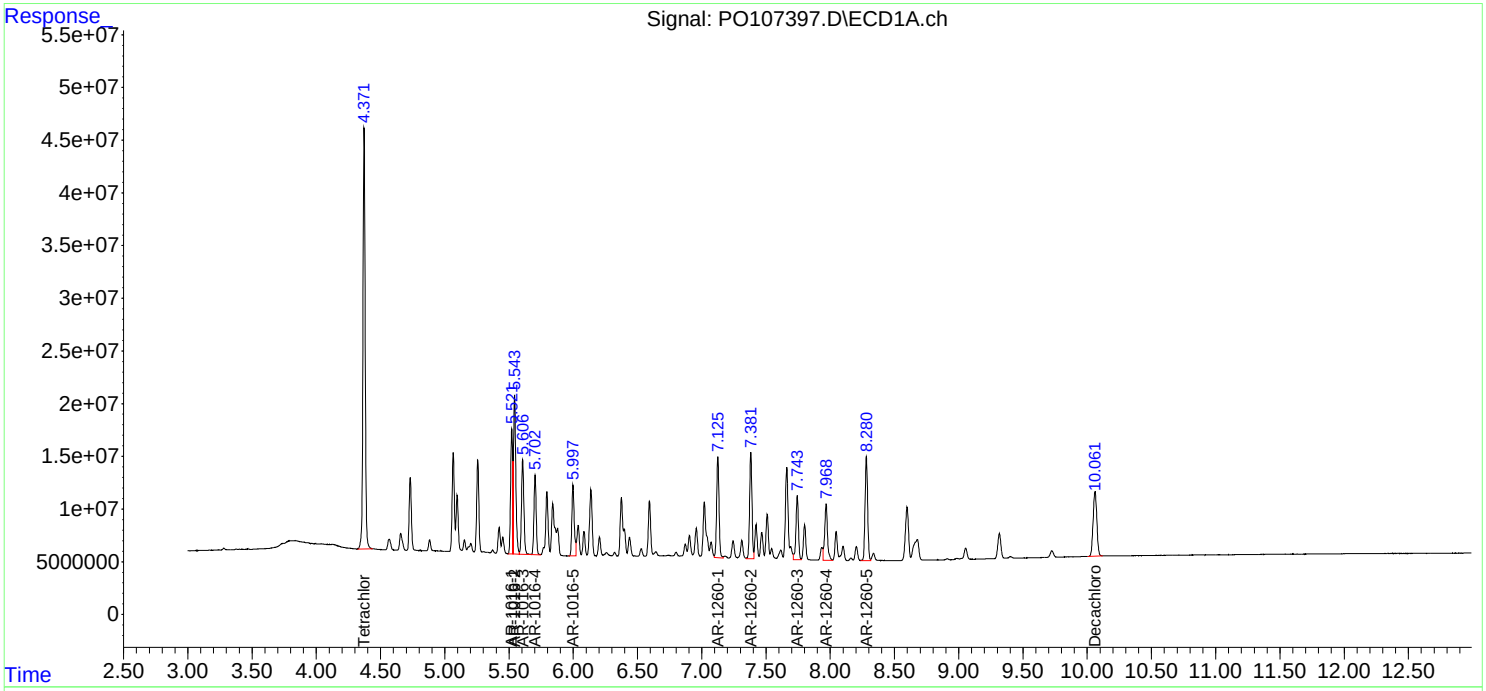
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

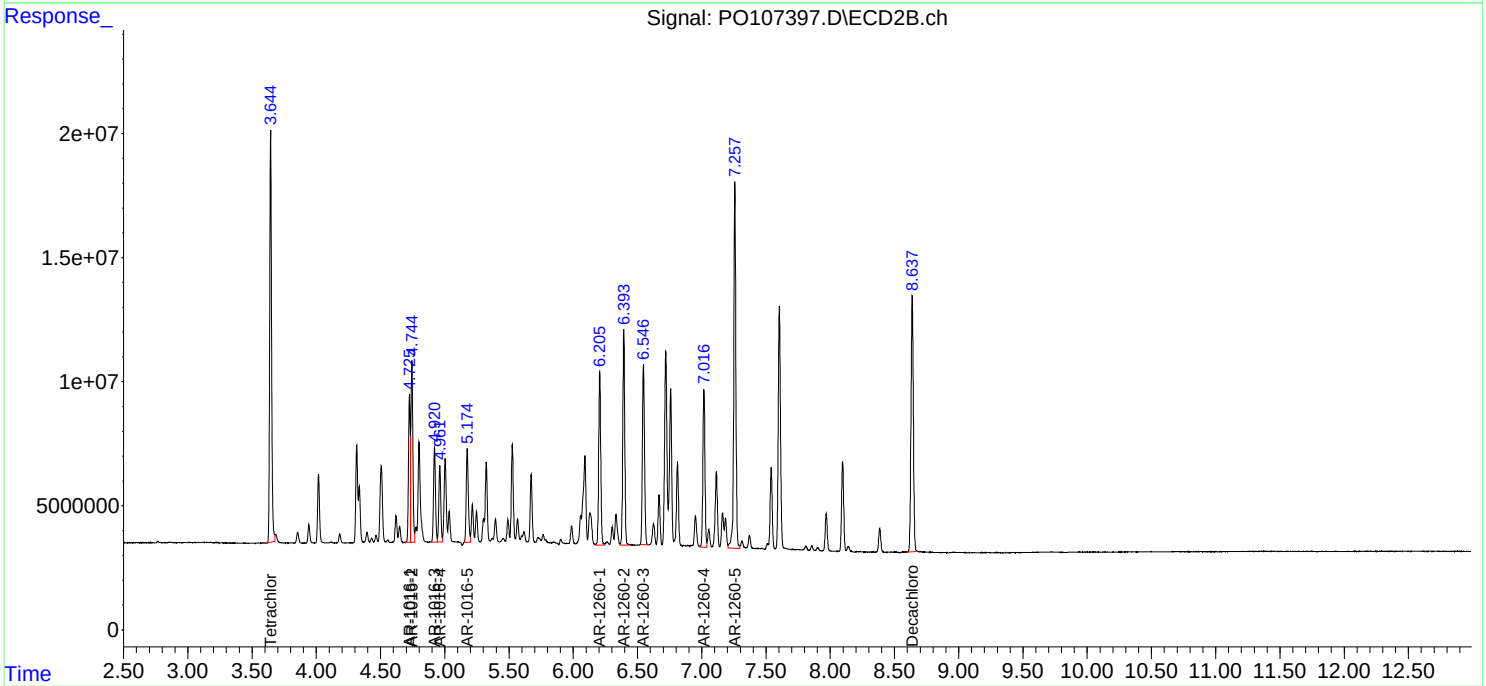
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102524\
Data File : PO107397.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2024 20:48
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

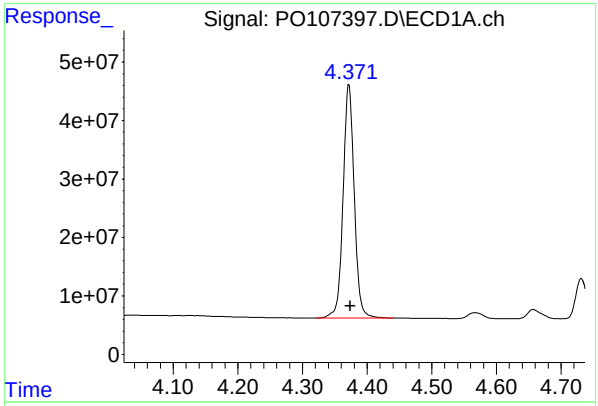
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 26 00:07:29 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:53:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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



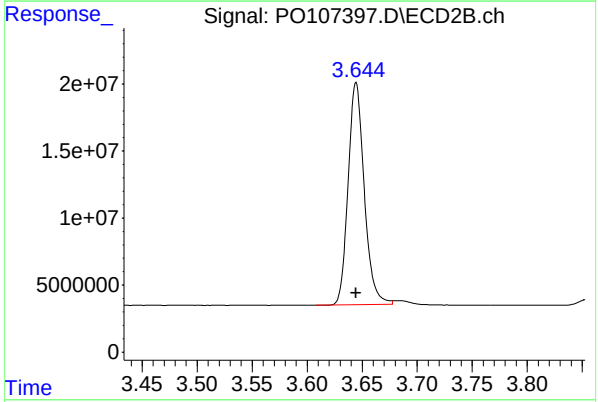




#1 Tetrachloro-m-xylene

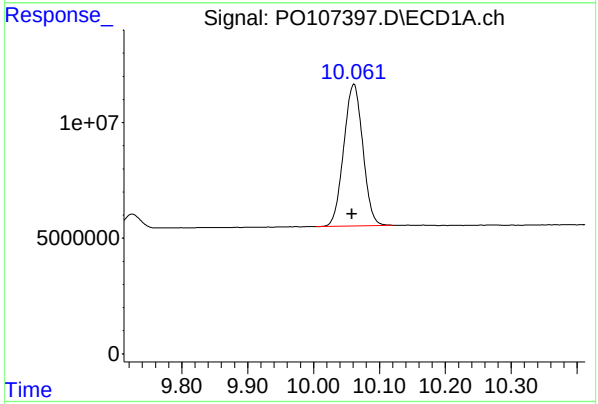
R.T.: 4.372 min
Delta R.T.: -0.002 min
Response: 478772382
Conc: 52.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



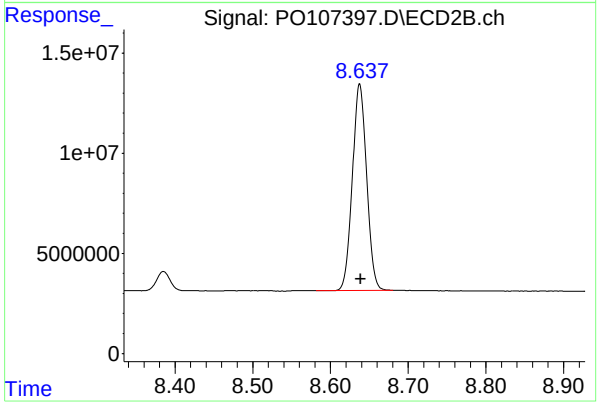
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 169378034
Conc: 52.63 ng/ml



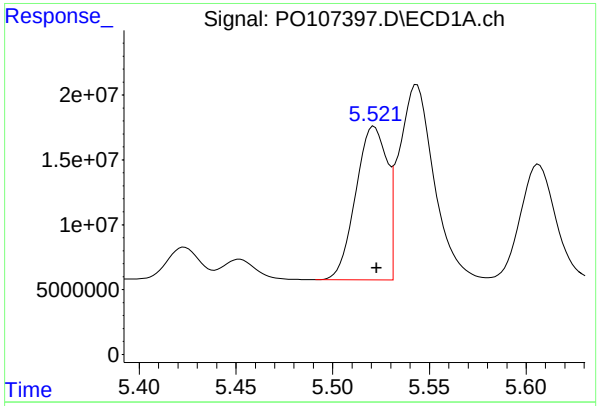
#2 Decachlorobiphenyl

R.T.: 10.061 min
Delta R.T.: 0.003 min
Response: 123258054
Conc: 50.24 ng/ml



#2 Decachlorobiphenyl

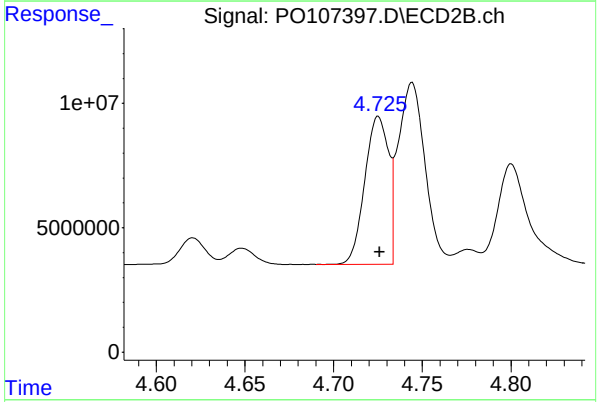
R.T.: 8.637 min
Delta R.T.: -0.001 min
Response: 131312125
Conc: 47.90 ng/ml



#3 AR-1016-1

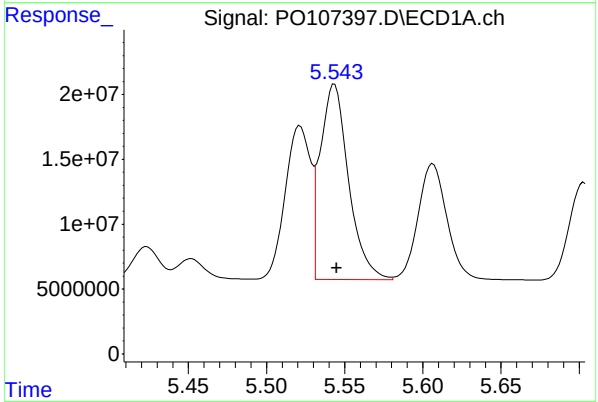
R.T.: 5.521 min
Delta R.T.: -0.001 min
Response: 133335279
Conc: 494.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



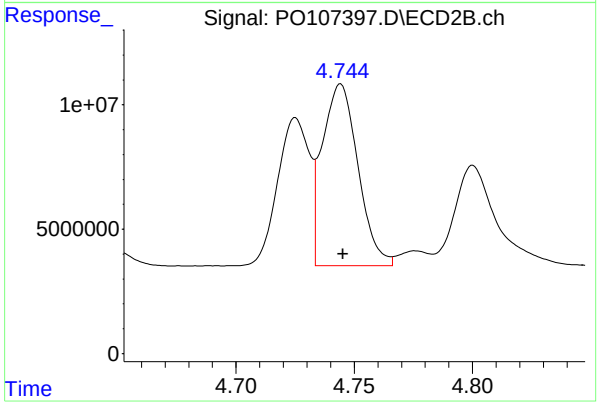
#3 AR-1016-1

R.T.: 4.725 min
Delta R.T.: 0.000 min
Response: 55555618
Conc: 537.99 ng/ml



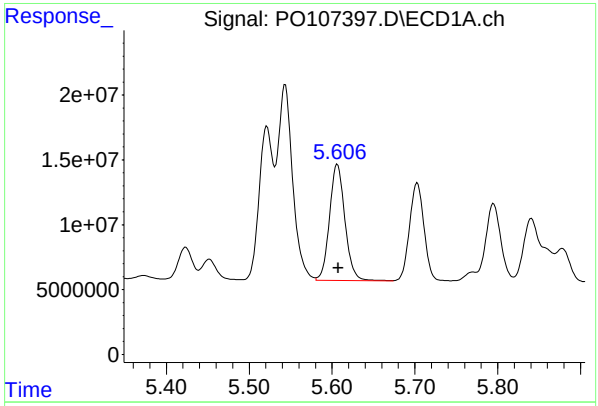
#4 AR-1016-2

R.T.: 5.543 min
Delta R.T.: -0.001 min
Response: 190258097
Conc: 479.38 ng/ml



#4 AR-1016-2

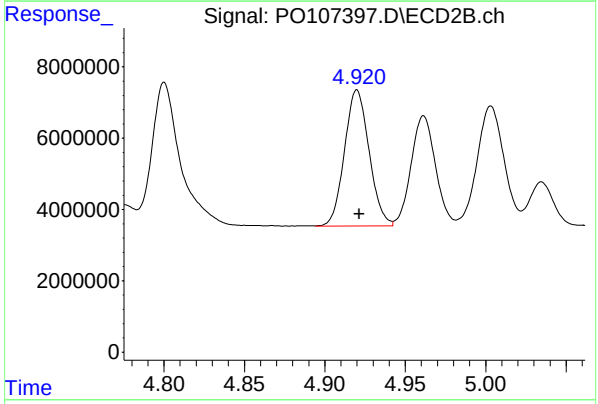
R.T.: 4.744 min
Delta R.T.: -0.001 min
Response: 76971973
Conc: 546.03 ng/ml



#5 AR-1016-3

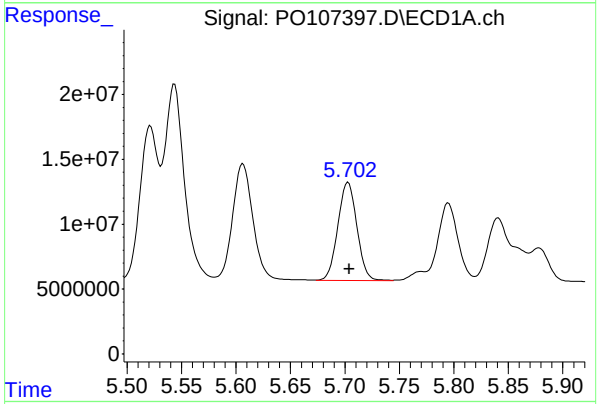
R.T.: 5.606 min
Delta R.T.: -0.001 min
Response: 116003927
Conc: 461.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



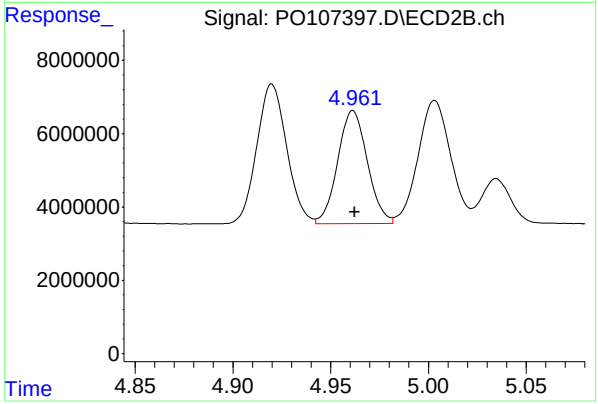
#5 AR-1016-3

R.T.: 4.920 min
Delta R.T.: -0.001 min
Response: 40637771
Conc: 516.06 ng/ml



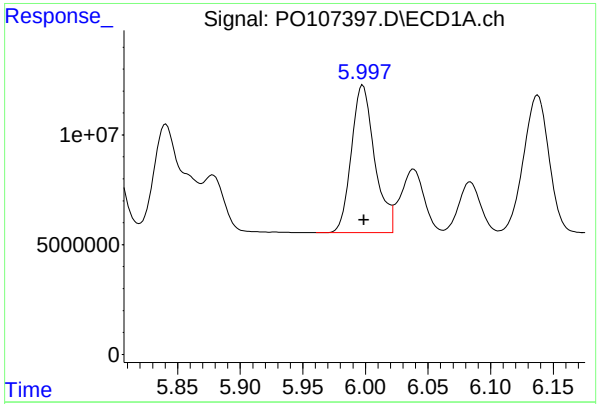
#6 AR-1016-4

R.T.: 5.703 min
Delta R.T.: -0.001 min
Response: 91923757
Conc: 477.25 ng/ml



#6 AR-1016-4

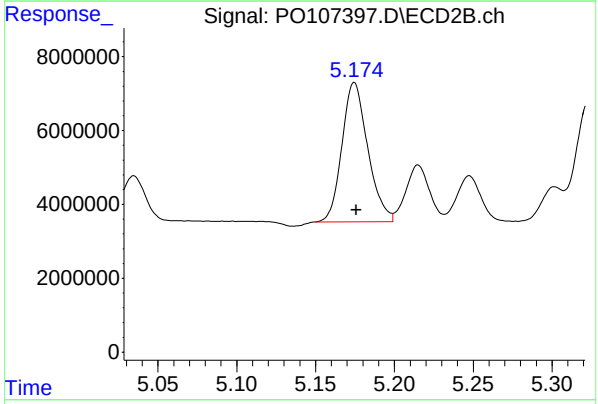
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 32563009
Conc: 492.57 ng/ml



#7 AR-1016-5

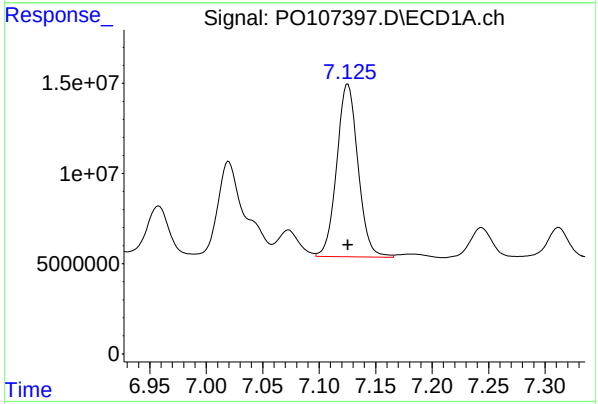
R.T.: 5.998 min
Delta R.T.: -0.001 min
Response: 86904445
Conc: 475.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



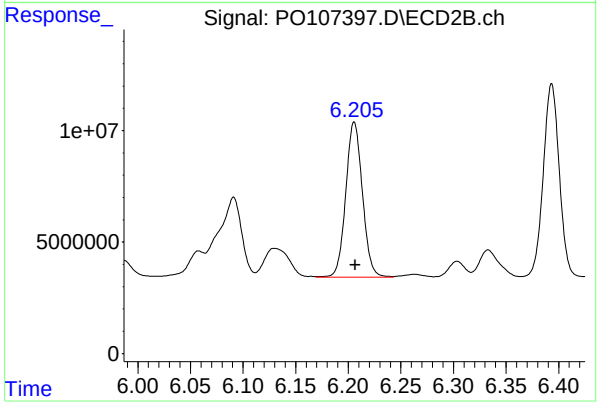
#7 AR-1016-5

R.T.: 5.175 min
Delta R.T.: -0.001 min
Response: 43081691
Conc: 524.53 ng/ml



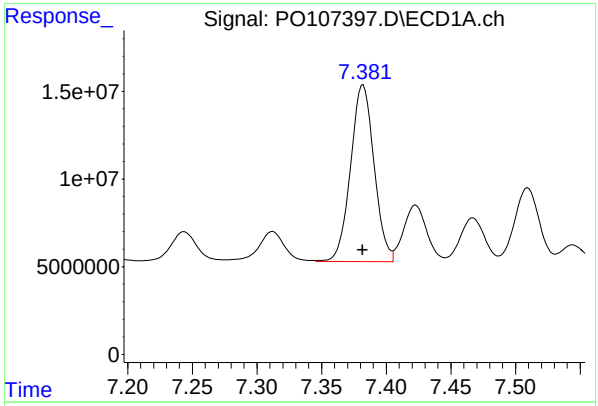
#31 AR-1260-1

R.T.: 7.125 min
Delta R.T.: 0.000 min
Response: 125513836
Conc: 485.38 ng/ml



#31 AR-1260-1

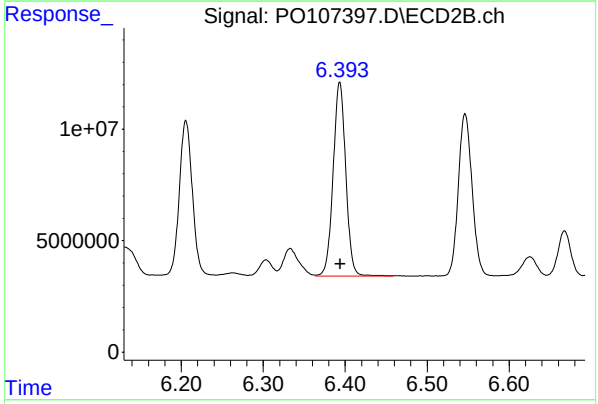
R.T.: 6.206 min
Delta R.T.: -0.001 min
Response: 77072678
Conc: 496.75 ng/ml



#32 AR-1260-2

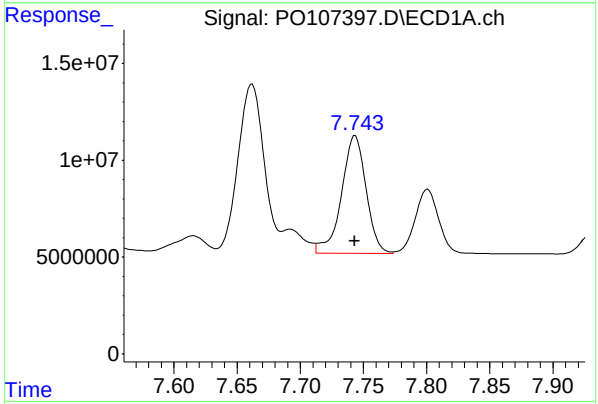
R.T.: 7.382 min
Delta R.T.: 0.000 min
Response: 127612269
Conc: 484.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



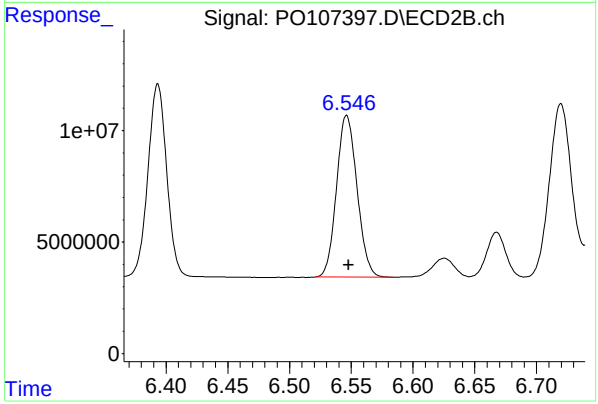
#32 AR-1260-2

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 92913430
Conc: 527.57 ng/ml



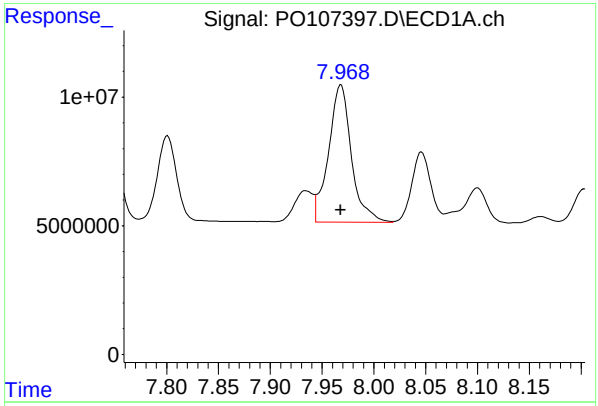
#33 AR-1260-3

R.T.: 7.744 min
Delta R.T.: 0.000 min
Response: 82371608
Conc: 458.27 ng/ml



#33 AR-1260-3

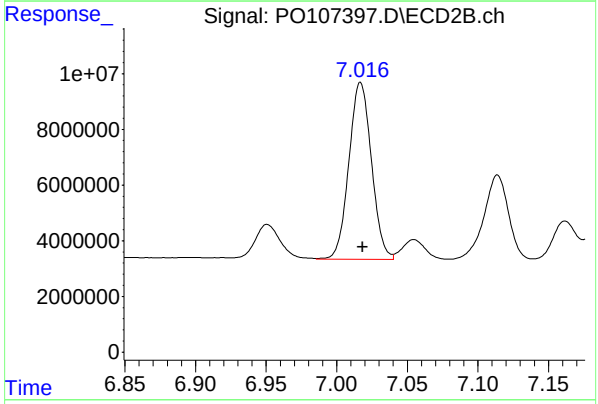
R.T.: 6.546 min
Delta R.T.: -0.002 min
Response: 83880491
Conc: 500.04 ng/ml



#34 AR-1260-4

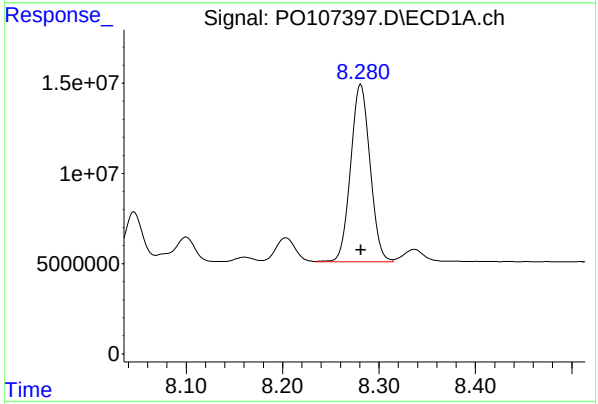
R.T.: 7.968 min
Delta R.T.: 0.000 min
Response: 81979661
Conc: 467.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



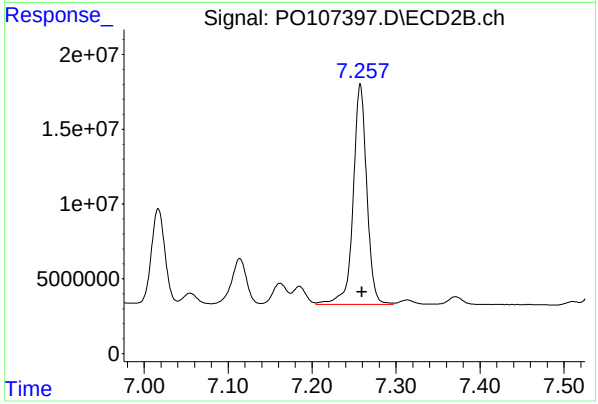
#34 AR-1260-4

R.T.: 7.017 min
Delta R.T.: -0.001 min
Response: 70688226
Conc: 488.58 ng/ml



#35 AR-1260-5

R.T.: 8.281 min
Delta R.T.: 0.000 min
Response: 137781043
Conc: 484.47 ng/ml



#35 AR-1260-5

R.T.: 7.258 min
Delta R.T.: -0.002 min
Response: 166307367
Conc: 504.82 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

Continuing Calib Date: 10/28/2024 **Initial Calibration Date(s):** 10/15/2024 10/16/2024

Continuing Calib Time: 11:22 **Initial Calibration Time(s):** 18:27 02:36

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)	5.52	5.52	5.42	5.62	0.00
Aroclor-1016-2	(2)	5.54	5.55	5.45	5.65	0.01
Aroclor-1016-3	(3)	5.60	5.61	5.51	5.71	0.01
Aroclor-1016-4	(4)	5.70	5.70	5.60	5.80	0.00
Aroclor-1016-5	(5)	6.00	6.00	5.90	6.10	0.00
Aroclor-1260-1	(1)	7.12	7.13	7.03	7.23	0.01
Aroclor-1260-2	(2)	7.38	7.38	7.28	7.48	0.00
Aroclor-1260-3	(3)	7.74	7.74	7.64	7.84	0.00
Aroclor-1260-4	(4)	7.97	7.97	7.87	8.07	0.00
Aroclor-1260-5	(5)	8.28	8.28	8.18	8.38	0.00
Tetrachloro-m-xylene		4.37	4.37	4.27	4.47	0.00
Decachlorobiphenyl		10.05	10.06	9.96	10.16	0.01

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

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

Continuing Calib Date: 10/28/2024 **Initial Calibration Date(s):** 10/15/2024 10/16/2024

Continuing Calib Time: 11:22 **Initial Calibration Time(s):** 18:27 02:36

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)	4.72	4.73	4.63	4.83	0.01
Aroclor-1016-2	(2)	4.74	4.75	4.65	4.85	0.01
Aroclor-1016-3	(3)	4.92	4.92	4.82	5.02	0.00
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.17	5.18	5.08	5.28	0.01
Aroclor-1260-1	(1)	6.20	6.21	6.11	6.31	0.01
Aroclor-1260-2	(2)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-3	(3)	6.54	6.55	6.45	6.65	0.01
Aroclor-1260-4	(4)	7.02	7.02	6.92	7.12	0.01
Aroclor-1260-5	(5)	7.26	7.26	7.16	7.36	0.00
Tetrachloro-m-xylene		3.64	3.65	3.55	3.75	0.01
Decachlorobiphenyl		8.63	8.64	8.54	8.74	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/15/2024 10/15/2024

Client Sample No.: CCAL01 **Date Analyzed:** 10/28/2024

Lab Sample No.: AR1660CCC500 **Data File :** PO107421.D **Time Analyzed:** 11:22

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.519	5.423	5.623	467.400	500.000	-6.5
Aroclor-1016-2	5.542	5.445	5.645	458.050	500.000	-8.4
Aroclor-1016-3	5.604	5.507	5.707	455.130	500.000	-9.0
Aroclor-1016-4	5.701	5.604	5.804	473.820	500.000	-5.2
Aroclor-1016-5	5.996	5.899	6.099	478.100	500.000	-4.4
Aroclor-1260-1	7.124	7.026	7.226	463.460	500.000	-7.3
Aroclor-1260-2	7.379	7.282	7.482	471.410	500.000	-5.7
Aroclor-1260-3	7.741	7.643	7.843	454.480	500.000	-9.1
Aroclor-1260-4	7.965	7.868	8.068	438.720	500.000	-12.3
Aroclor-1260-5	8.278	8.181	8.381	474.790	500.000	-5.0
Decachlorobiphenyl	10.054	9.958	10.158	46.260	50.000	-7.5
Tetrachloro-m-xylene	4.371	4.274	4.474	47.030	50.000	-5.9

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/15/2024 10/15/2024

Client Sample No.: CCAL01 **Date Analyzed:** 10/28/2024

Lab Sample No.: AR1660CCC500 **Data File :** PO107421.D **Time Analyzed:** 11:22

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.724	4.626	4.826	512.280	500.000	2.5
Aroclor-1016-2	4.743	4.645	4.845	516.410	500.000	3.3
Aroclor-1016-3	4.919	4.821	5.021	495.570	500.000	-0.9
Aroclor-1016-4	4.960	4.862	5.062	477.890	500.000	-4.4
Aroclor-1016-5	5.173	5.076	5.276	501.090	500.000	0.2
Aroclor-1260-1	6.204	6.107	6.307	494.270	500.000	-1.1
Aroclor-1260-2	6.391	6.294	6.494	526.580	500.000	5.3
Aroclor-1260-3	6.544	6.448	6.648	502.020	500.000	0.4
Aroclor-1260-4	7.015	6.918	7.118	495.390	500.000	-0.9
Aroclor-1260-5	7.255	7.159	7.359	527.980	500.000	5.6
Decachlorobiphenyl	8.634	8.539	8.739	47.340	50.000	-5.3
Tetrachloro-m-xylene	3.643	3.545	3.745	49.980	50.000	0.0

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
Data File : PO107421.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 11:22
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 12:31:23 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:34:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.371	3.643	428.6E6	160.9E6	47.027	49.984
2)	SA Decachlor...	10.054	8.634	113.5E6	129.8E6	46.255	47.336
	Target Compounds						
3)	L1 AR-1016-1	5.519	4.724	126.1E6	52901343	467.404	512.284
4)	L1 AR-1016-2	5.542	4.743	181.8E6	72797112	458.050	516.410
5)	L1 AR-1016-3	5.604	4.919	114.3E6	39023709	455.130	495.567
6)	L1 AR-1016-4	5.701	4.960	91263986	31592192	473.823	477.885
7)	L1 AR-1016-5	5.996	5.173	87326437	41156360	478.099	501.089
31)	L7 AR-1260-1	7.124	6.204	119.8E6	76688293	463.463	494.270
32)	L7 AR-1260-2	7.379	6.391	124.1E6	92738293	471.412	526.576
33)	L7 AR-1260-3	7.741	6.544	81690130	84213555	454.478	502.024
34)	L7 AR-1260-4	7.965	7.015	76996988	71673400	438.720	495.390
35)	L7 AR-1260-5	8.278	7.255	135.0E6	173.9E6	474.788	527.983

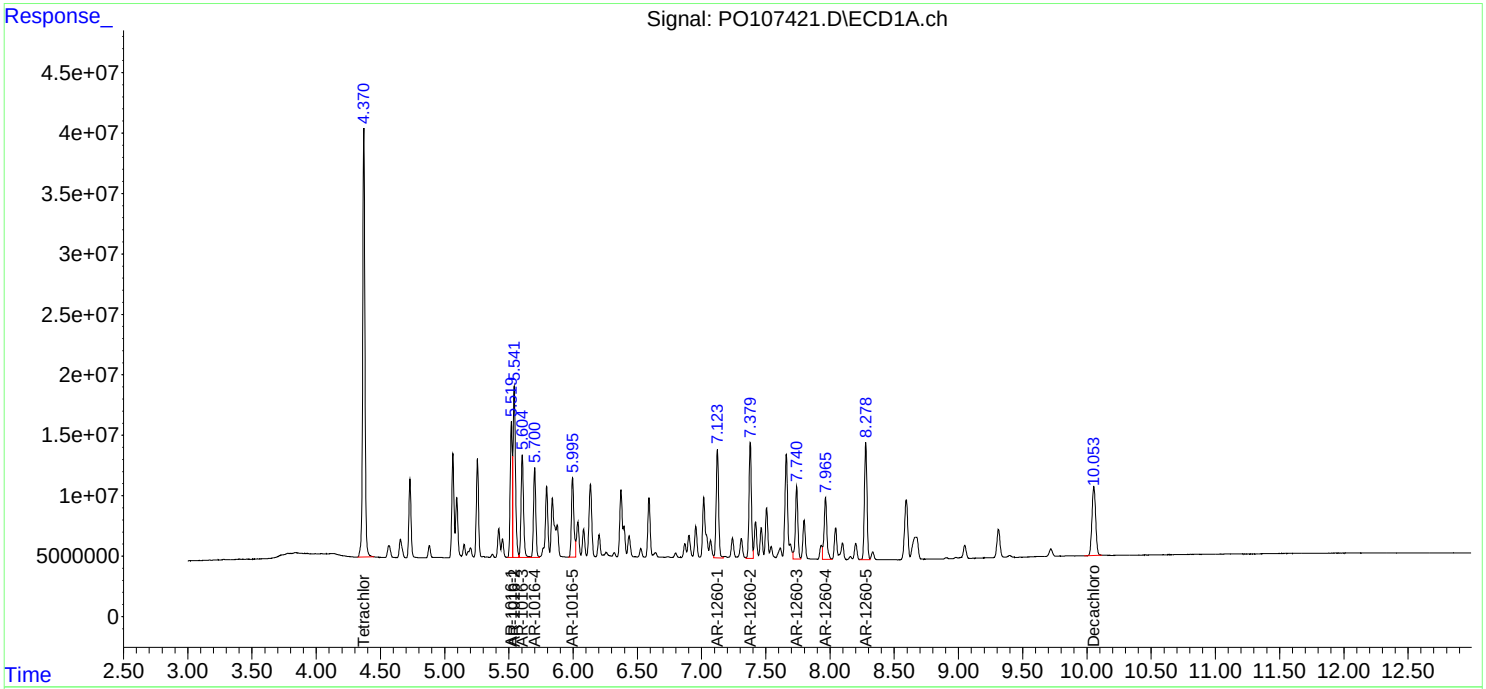
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

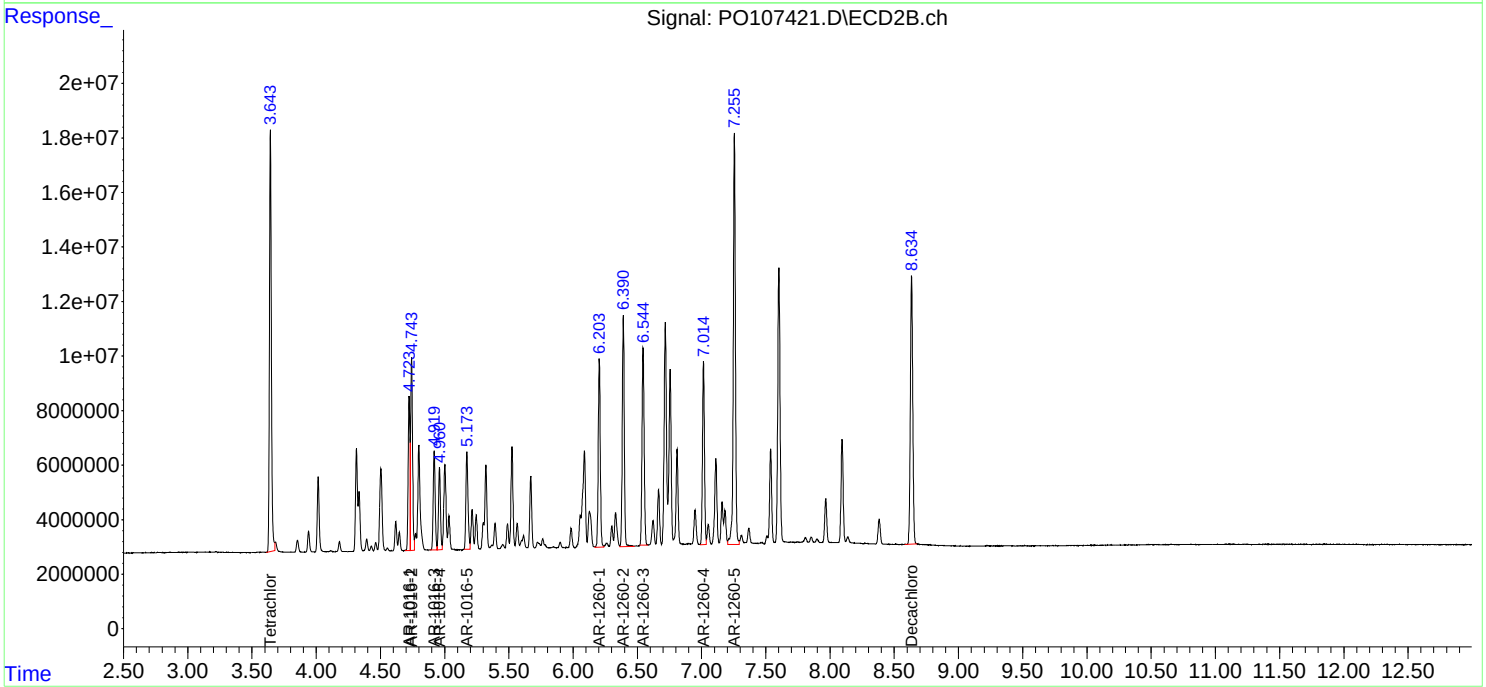
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
Data File : PO107421.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 11:22
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

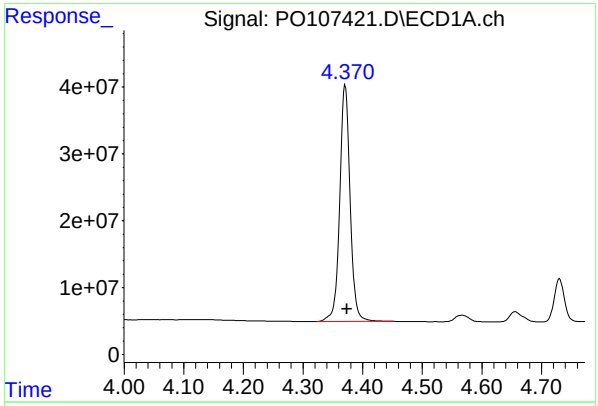
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 12:31:23 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:34:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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



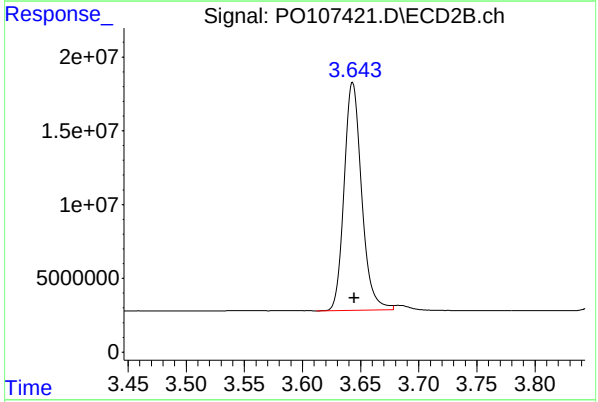




#1 Tetrachloro-m-xylene

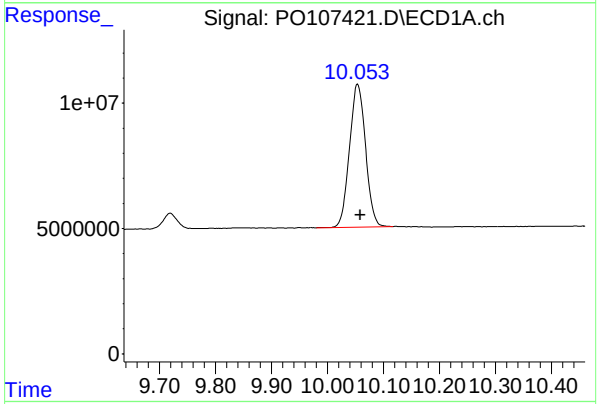
R.T.: 4.371 min
Delta R.T.: -0.003 min
Response: 428602061
Conc: 47.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



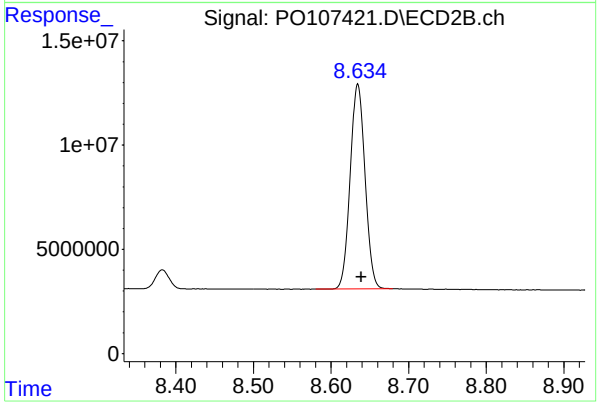
#1 Tetrachloro-m-xylene

R.T.: 3.643 min
Delta R.T.: -0.001 min
Response: 160874477
Conc: 49.98 ng/ml



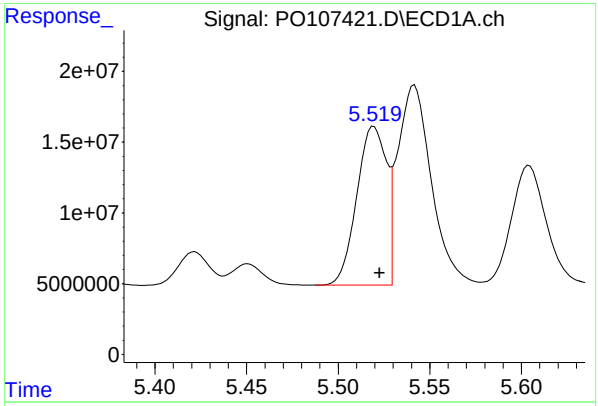
#2 Decachlorobiphenyl

R.T.: 10.054 min
Delta R.T.: -0.005 min
Response: 113481444
Conc: 46.26 ng/ml



#2 Decachlorobiphenyl

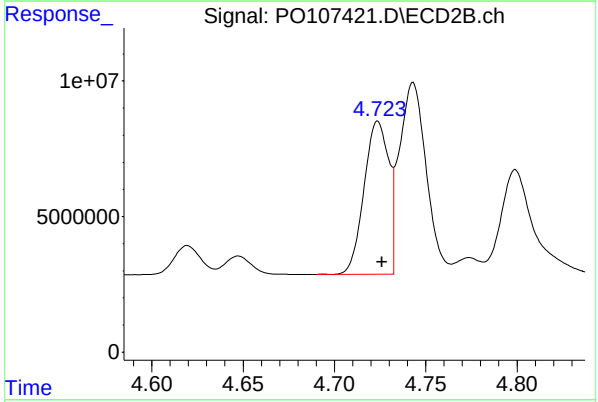
R.T.: 8.634 min
Delta R.T.: -0.004 min
Response: 129776783
Conc: 47.34 ng/ml



#3 AR-1016-1

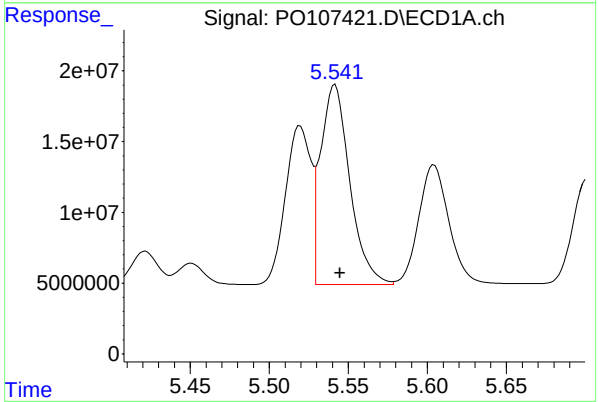
R.T.: 5.519 min
Delta R.T.: -0.003 min
Response: 126112211
Conc: 467.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



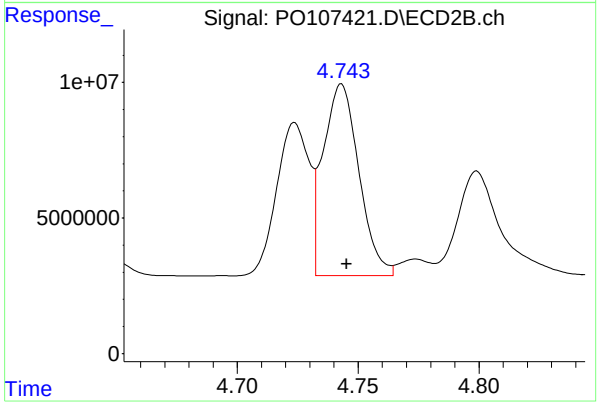
#3 AR-1016-1

R.T.: 4.724 min
Delta R.T.: -0.002 min
Response: 52901343
Conc: 512.28 ng/ml



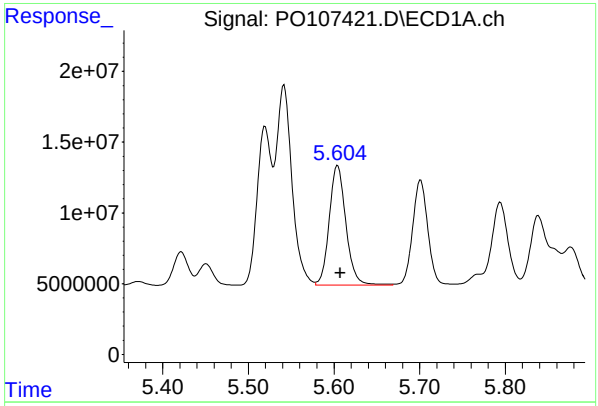
#4 AR-1016-2

R.T.: 5.542 min
Delta R.T.: -0.003 min
Response: 181792977
Conc: 458.05 ng/ml



#4 AR-1016-2

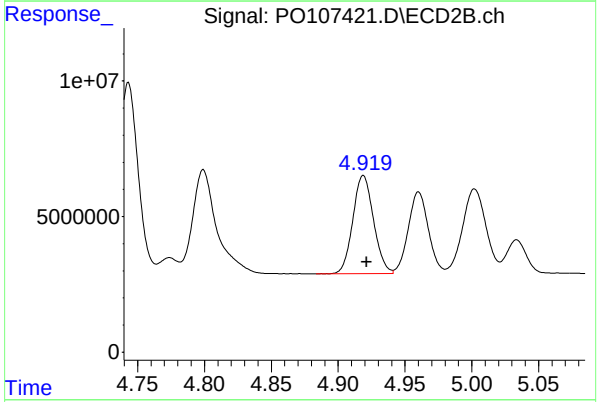
R.T.: 4.743 min
Delta R.T.: -0.002 min
Response: 72797112
Conc: 516.41 ng/ml



#5 AR-1016-3

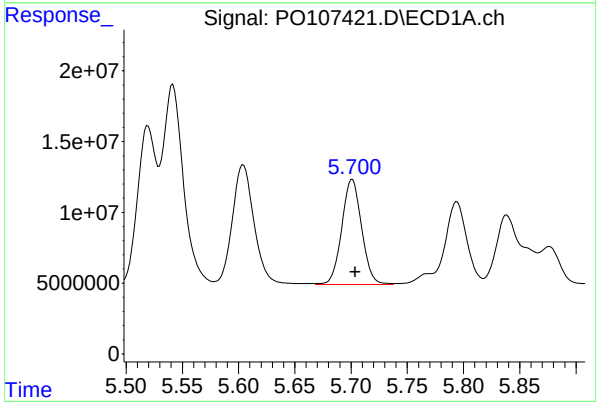
R.T.: 5.604 min
Delta R.T.: -0.003 min
Response: 114314764
Conc: 455.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



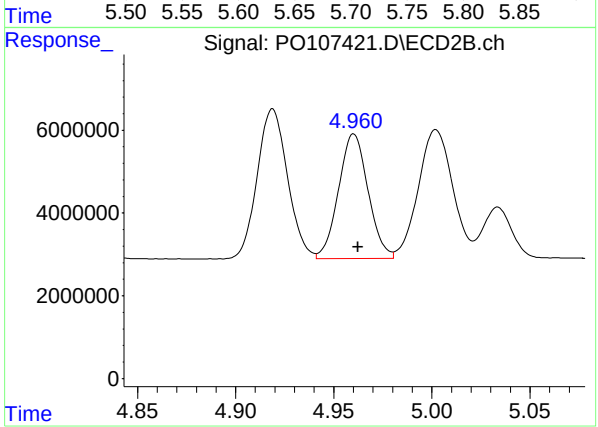
#5 AR-1016-3

R.T.: 4.919 min
Delta R.T.: -0.003 min
Response: 39023709
Conc: 495.57 ng/ml



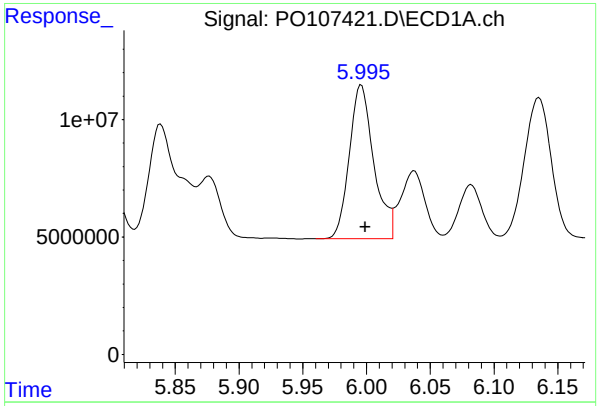
#6 AR-1016-4

R.T.: 5.701 min
Delta R.T.: -0.003 min
Response: 91263986
Conc: 473.82 ng/ml



#6 AR-1016-4

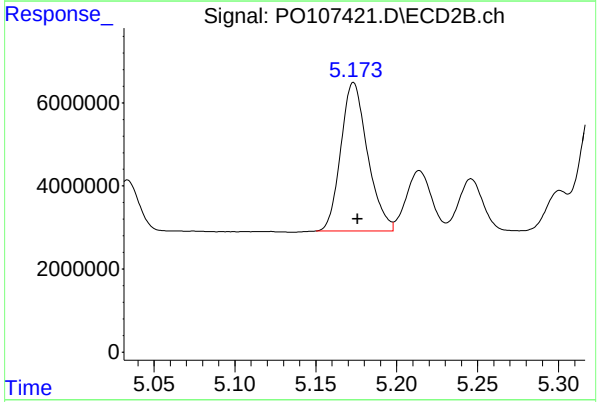
R.T.: 4.960 min
Delta R.T.: -0.002 min
Response: 31592192
Conc: 477.89 ng/ml



#7 AR-1016-5

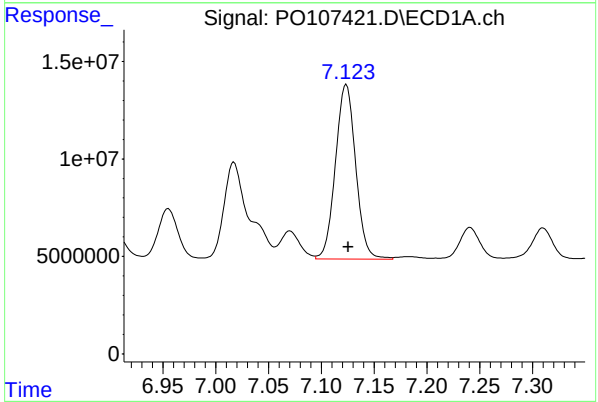
R.T.: 5.996 min
Delta R.T.: -0.003 min
Response: 87326437
Conc: 478.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



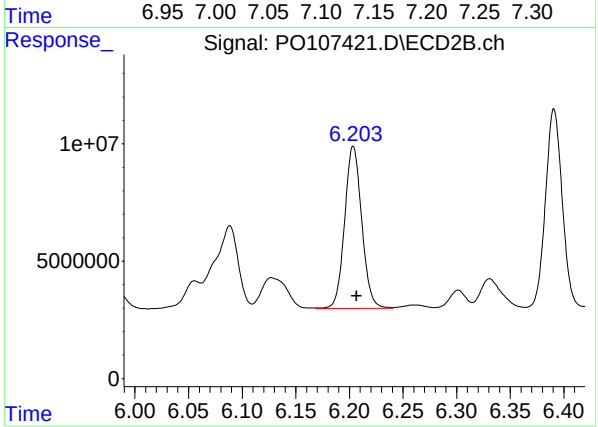
#7 AR-1016-5

R.T.: 5.173 min
Delta R.T.: -0.003 min
Response: 41156360
Conc: 501.09 ng/ml



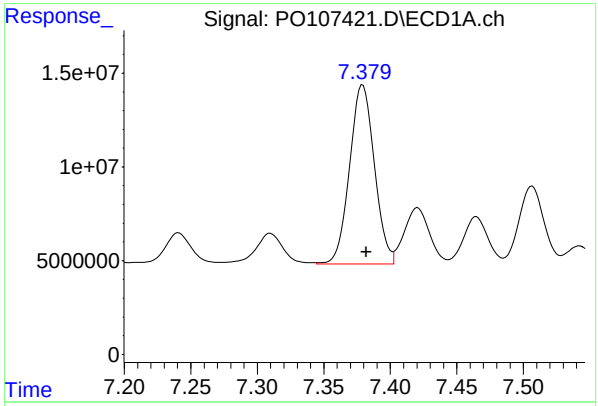
#31 AR-1260-1

R.T.: 7.124 min
Delta R.T.: -0.002 min
Response: 119846301
Conc: 463.46 ng/ml



#31 AR-1260-1

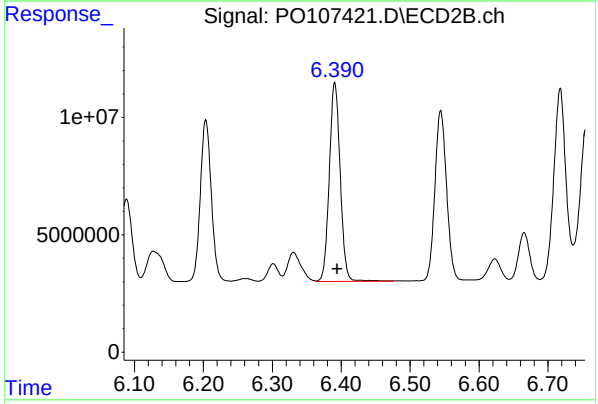
R.T.: 6.204 min
Delta R.T.: -0.003 min
Response: 76688293
Conc: 494.27 ng/ml



#32 AR-1260-2

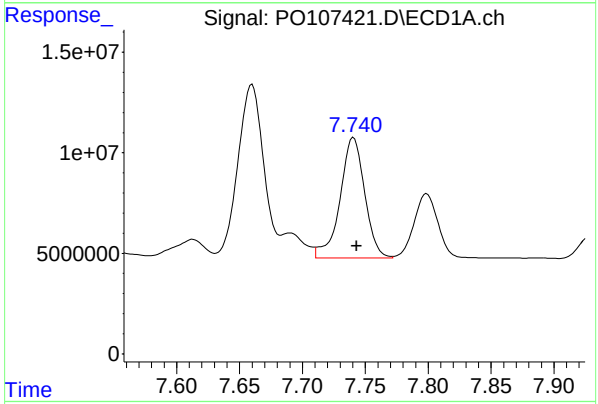
R.T.: 7.379 min
Delta R.T.: -0.003 min
Response: 124085223
Conc: 471.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



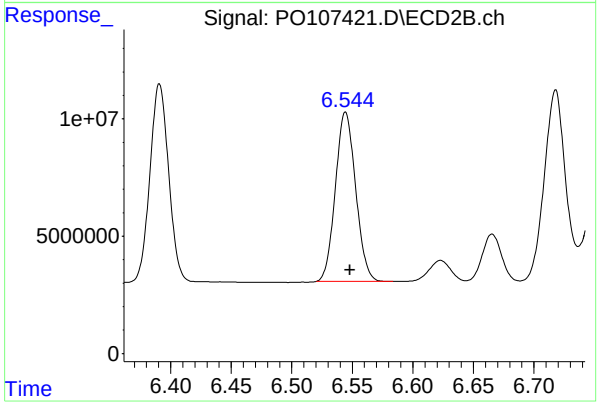
#32 AR-1260-2

R.T.: 6.391 min
Delta R.T.: -0.003 min
Response: 92738293
Conc: 526.58 ng/ml



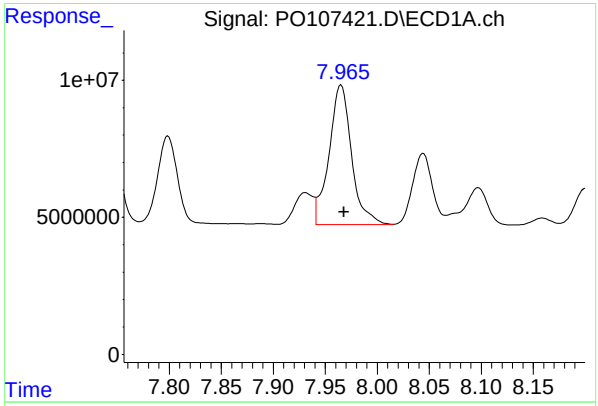
#33 AR-1260-3

R.T.: 7.741 min
Delta R.T.: -0.003 min
Response: 81690130
Conc: 454.48 ng/ml



#33 AR-1260-3

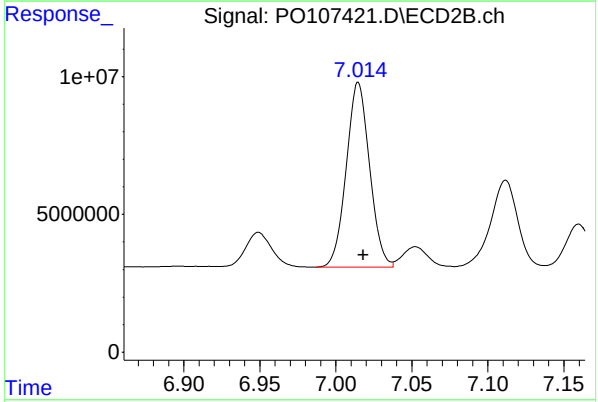
R.T.: 6.544 min
Delta R.T.: -0.004 min
Response: 84213555
Conc: 502.02 ng/ml



#34 AR-1260-4

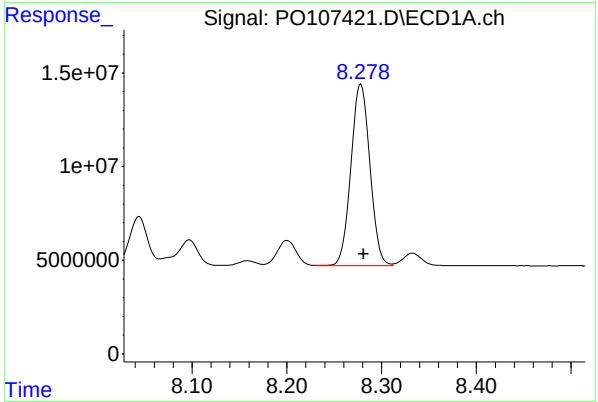
R.T.: 7.965 min
Delta R.T.: -0.003 min
Response: 76996988
Conc: 438.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



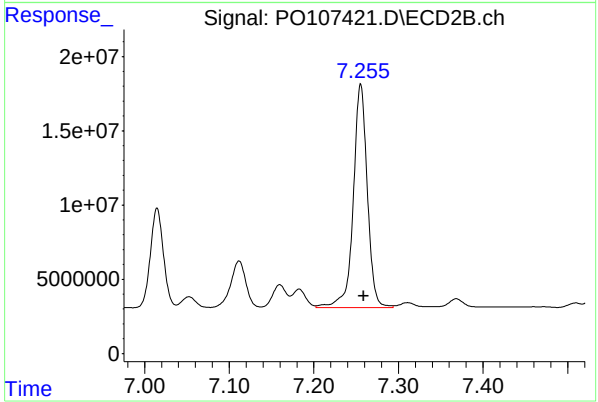
#34 AR-1260-4

R.T.: 7.015 min
Delta R.T.: -0.003 min
Response: 71673400
Conc: 495.39 ng/ml



#35 AR-1260-5

R.T.: 8.278 min
Delta R.T.: -0.003 min
Response: 135026796
Conc: 474.79 ng/ml



#35 AR-1260-5

R.T.: 7.255 min
Delta R.T.: -0.004 min
Response: 173938913
Conc: 527.98 ng/ml

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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

Continuing Calib Date: 10/28/2024 **Initial Calibration Date(s):** 10/28/2024 10/28/2024

Continuing Calib Time: 11:40 **Initial Calibration Time(s):** 09:34 10:46

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1221-1	(1)	4.57	4.57	4.47	4.67	0.00
Aroclor-1221-2	(2)	4.66	4.66	4.56	4.76	0.00
Aroclor-1221-3	(3)	4.73	4.73	4.63	4.83	0.00
Tetrachloro-m-xylene		4.37	4.37	4.27	4.47	0.00
Decachlorobiphenyl		10.06	10.06	9.96	10.16	0.00

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

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

Continuing Calib Date: 10/28/2024 **Initial Calibration Date(s):** 10/28/2024 10/28/2024

Continuing Calib Time: 11:40 **Initial Calibration Time(s):** 09:34 10:46

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1221-1	(1)	3.86	3.86	3.76	3.96	0.00
Aroclor-1221-2	(2)	3.94	3.94	3.84	4.04	0.00
Aroclor-1221-3	(3)	4.02	4.02	3.92	4.12	0.00
Tetrachloro-m-xylene		3.64	3.64	3.54	3.74	0.00
Decachlorobiphenyl		8.63	8.63	8.53	8.73	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/28/2024 10/28/2024

Client Sample No.: CCAL05 **Date Analyzed:** 10/28/2024

Lab Sample No.: AR1221CCC500 **Data File :** PO107422.D **Time Analyzed:** 11:40

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1221-1	4.570	4.471	4.671	514.430	500.000	2.9
Aroclor-1221-2	4.655	4.556	4.756	510.810	500.000	2.2
Aroclor-1221-3	4.730	4.631	4.831	505.190	500.000	1.0
Decachlorobiphenyl	10.056	9.957	10.157	48.770	50.000	-2.5
Tetrachloro-m-xylene	4.371	4.271	4.471	51.410	50.000	2.8

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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/28/2024 10/28/2024

Client Sample No.: CCAL05 **Date Analyzed:** 10/28/2024

Lab Sample No.: AR1221CCC500 **Data File :** PO107422.D **Time Analyzed:** 11:40

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1221-1	3.855	3.755	3.955	527.140	500.000	5.4
Aroclor-1221-2	3.940	3.840	4.040	513.260	500.000	2.7
Aroclor-1221-3	4.016	3.916	4.116	511.520	500.000	2.3
Decachlorobiphenyl	8.634	8.534	8.734	50.130	50.000	0.3
Tetrachloro-m-xylene	3.643	3.543	3.743	52.970	50.000	5.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
Data File : PO107422.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 11:40
Operator : YP/AJ
Sample : AR1221CCC500
Misc :
ALS Vial : 98 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1221CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 12:32:04 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:34:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.371	3.643	468.5E6	170.5E6	51.407	52.968
2)	SA Decachlor...	10.056	8.634	119.6E6	137.4E6	48.765	50.126
	Target Compounds						
8)	L2 AR-1221-1	4.570	3.855	57368231	19105502	514.428	527.140
9)	L2 AR-1221-2	4.655	3.940	41844034	14937735	510.808	513.257
10)	L2 AR-1221-3	4.730	4.016	120.9E6	45137916	505.191	511.523

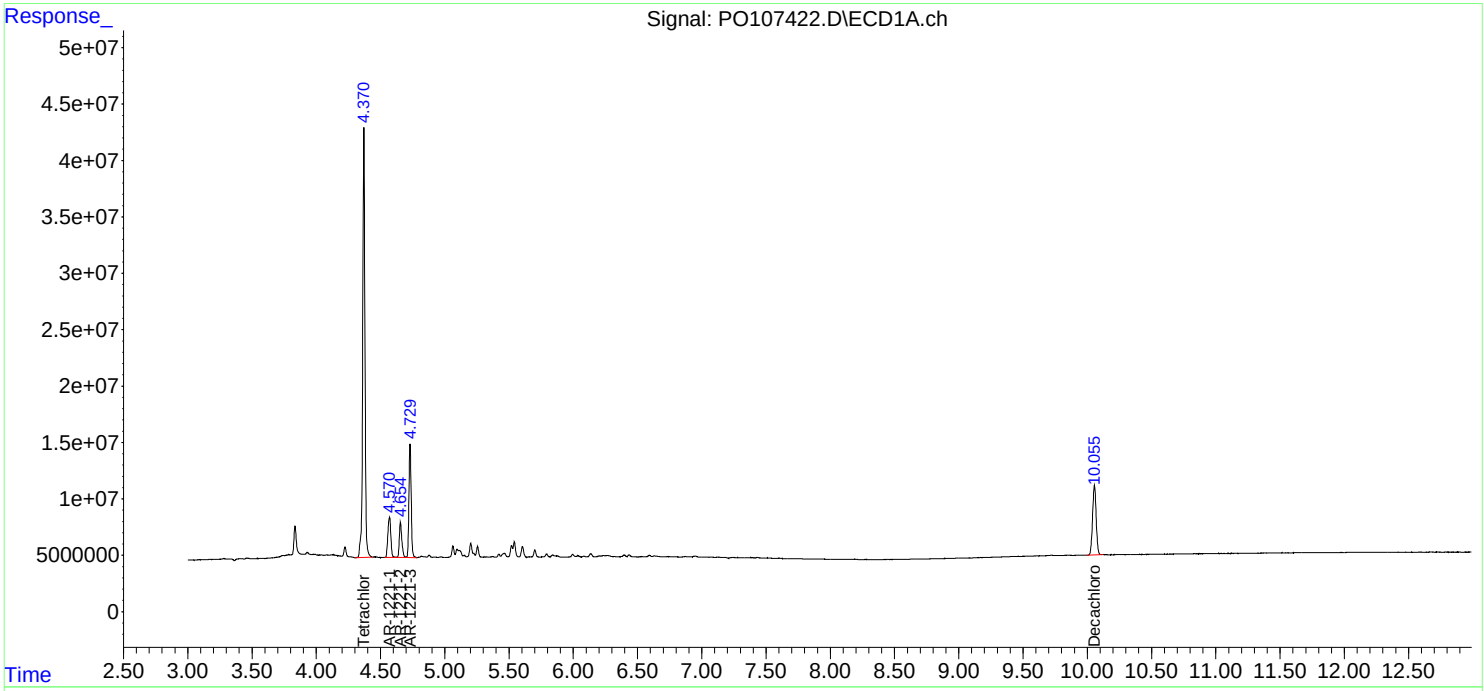
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

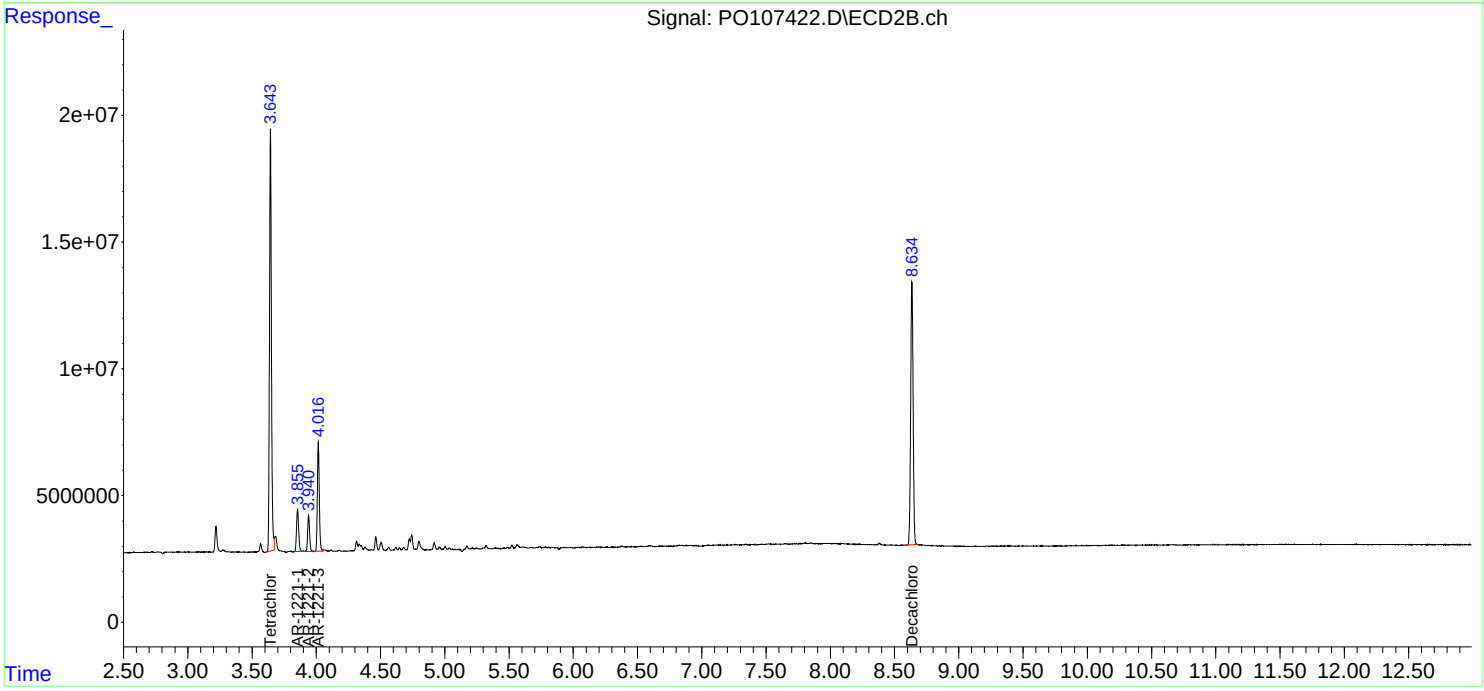
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
Data File : PO107422.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 11:40
Operator : YP/AJ
Sample : AR1221CCC500
Misc :
ALS Vial : 98 Sample Multiplier: 1

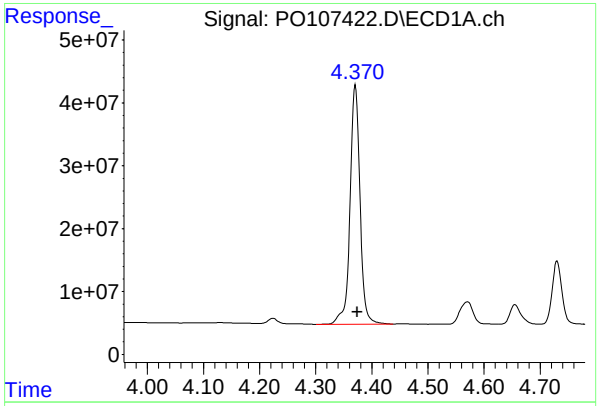
Instrument :
ECD_O
ClientSampleId :
AR1221CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 12:32:04 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:34:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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



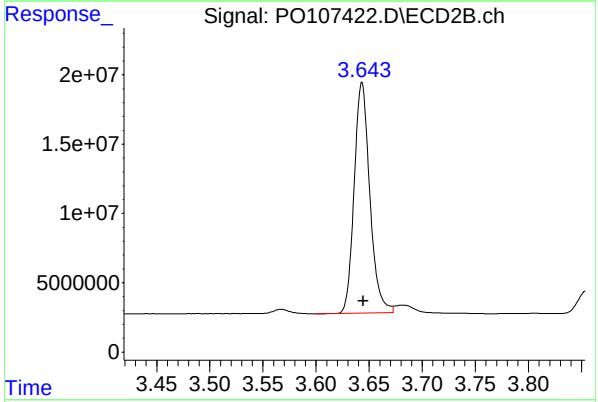




#1 Tetrachloro-m-xylene

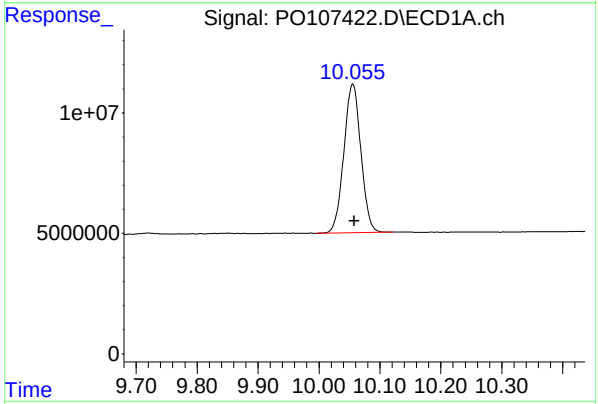
R.T.: 4.371 min
Delta R.T.: -0.003 min
Response: 468520254
Conc: 51.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221CCC500



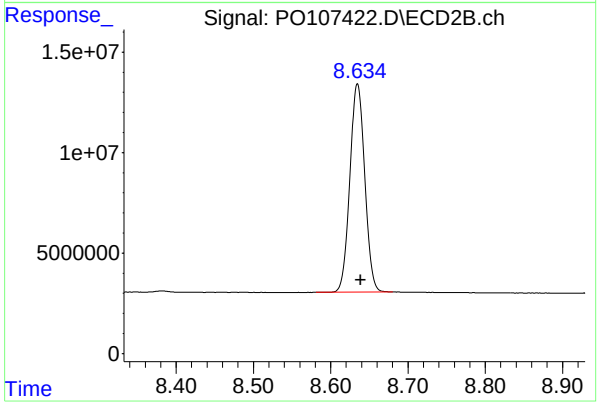
#1 Tetrachloro-m-xylene

R.T.: 3.643 min
Delta R.T.: -0.001 min
Response: 170476107
Conc: 52.97 ng/ml



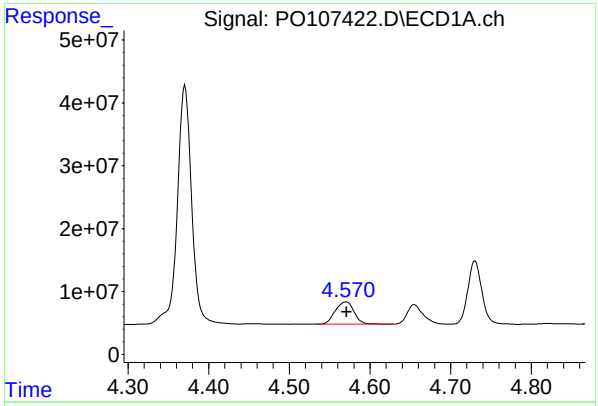
#2 Decachlorobiphenyl

R.T.: 10.056 min
Delta R.T.: -0.003 min
Response: 119639111
Conc: 48.77 ng/ml



#2 Decachlorobiphenyl

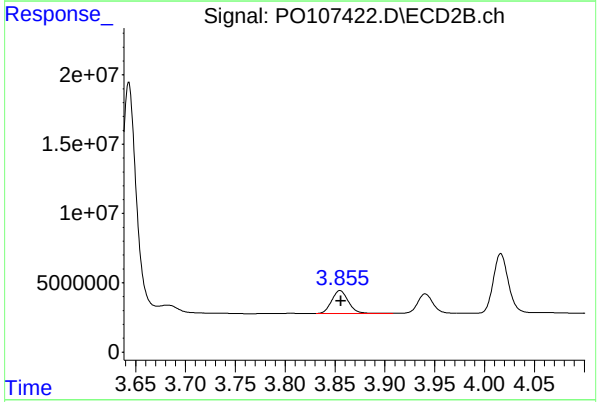
R.T.: 8.634 min
Delta R.T.: -0.004 min
Response: 137424088
Conc: 50.13 ng/ml



#8 AR-1221-1

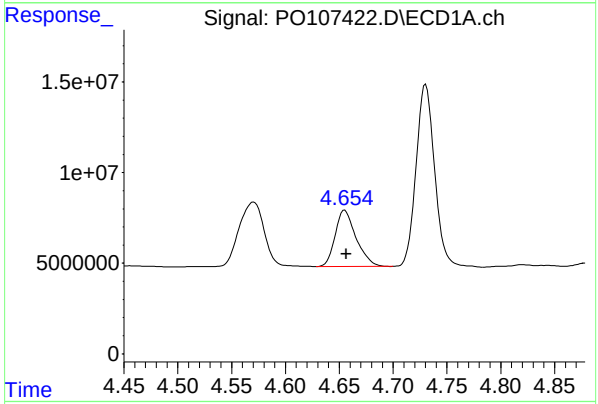
R.T.: 4.570 min
Delta R.T.: 0.000 min
Response: 57368231
Conc: 514.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221CCC500



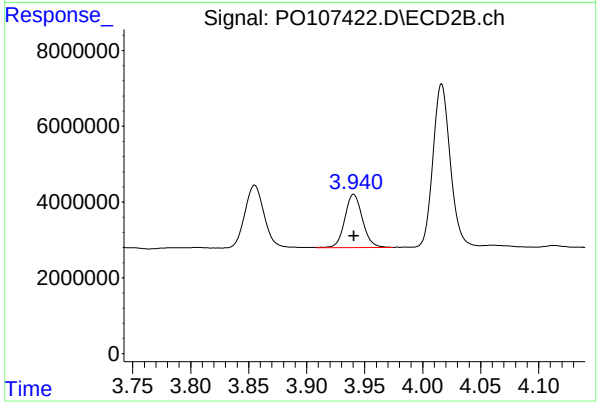
#8 AR-1221-1

R.T.: 3.855 min
Delta R.T.: 0.000 min
Response: 19105502
Conc: 527.14 ng/ml



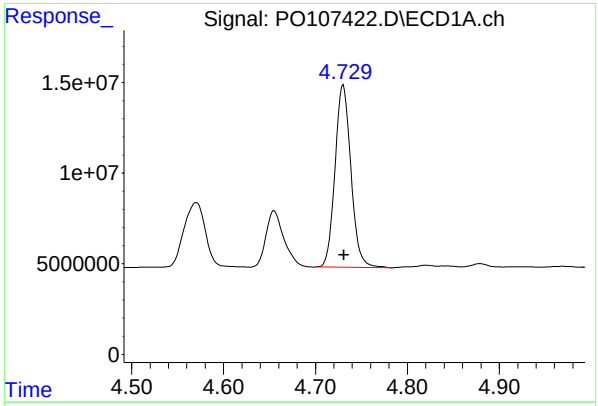
#9 AR-1221-2

R.T.: 4.655 min
Delta R.T.: -0.001 min
Response: 41844034
Conc: 510.81 ng/ml



#9 AR-1221-2

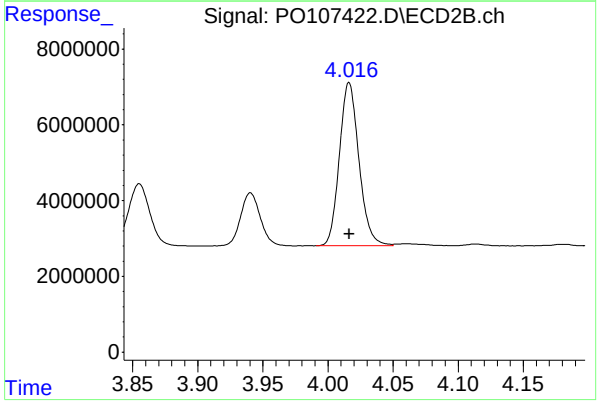
R.T.: 3.940 min
Delta R.T.: 0.000 min
Response: 14937735
Conc: 513.26 ng/ml



#10 AR-1221-3

R.T.: 4.730 min
Delta R.T.: 0.000 min
Response: 120886920
Conc: 505.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221CCC500



#10 AR-1221-3

R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 45137916
Conc: 511.52 ng/ml

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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

Continuing Calib Date: 10/28/2024 **Initial Calibration Date(s):** 10/15/2024 10/16/2024

Continuing Calib Time: 16:10 **Initial Calibration Time(s):** 18:27 02:36

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)	5.52	5.52	5.42	5.62	0.00
Aroclor-1016-2	(2)	5.54	5.55	5.45	5.65	0.01
Aroclor-1016-3	(3)	5.60	5.61	5.51	5.71	0.01
Aroclor-1016-4	(4)	5.70	5.70	5.60	5.80	0.00
Aroclor-1016-5	(5)	6.00	6.00	5.90	6.10	0.00
Aroclor-1260-1	(1)	7.12	7.13	7.03	7.23	0.01
Aroclor-1260-2	(2)	7.38	7.38	7.28	7.48	0.00
Aroclor-1260-3	(3)	7.74	7.74	7.64	7.84	0.00
Aroclor-1260-4	(4)	7.97	7.97	7.87	8.07	0.00
Aroclor-1260-5	(5)	8.28	8.28	8.18	8.38	0.00
Tetrachloro-m-xylene		4.37	4.37	4.27	4.47	0.00
Decachlorobiphenyl		10.06	10.06	9.96	10.16	0.00

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

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

Continuing Calib Date: 10/28/2024 **Initial Calibration Date(s):** 10/15/2024 10/16/2024

Continuing Calib Time: 16:10 **Initial Calibration Time(s):** 18:27 02:36

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)	4.72	4.73	4.63	4.83	0.01
Aroclor-1016-2	(2)	4.74	4.75	4.65	4.85	0.01
Aroclor-1016-3	(3)	4.92	4.92	4.82	5.02	0.00
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.17	5.18	5.08	5.28	0.01
Aroclor-1260-1	(1)	6.20	6.21	6.11	6.31	0.01
Aroclor-1260-2	(2)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-3	(3)	6.54	6.55	6.45	6.65	0.01
Aroclor-1260-4	(4)	7.01	7.02	6.92	7.12	0.01
Aroclor-1260-5	(5)	7.26	7.26	7.16	7.36	0.00
Tetrachloro-m-xylene		3.64	3.65	3.55	3.75	0.01
Decachlorobiphenyl		8.63	8.64	8.54	8.74	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/15/2024 10/15/2024

Client Sample No.: CCAL02 **Date Analyzed:** 10/28/2024

Lab Sample No.: AR1660CCC500 **Data File :** PO107435.D **Time Analyzed:** 16:10

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.519	5.423	5.623	480.930	500.000	-3.8
Aroclor-1016-2	5.542	5.445	5.645	469.040	500.000	-6.2
Aroclor-1016-3	5.604	5.507	5.707	469.220	500.000	-6.2
Aroclor-1016-4	5.701	5.604	5.804	488.600	500.000	-2.3
Aroclor-1016-5	5.996	5.899	6.099	484.120	500.000	-3.2
Aroclor-1260-1	7.123	7.026	7.226	459.280	500.000	-8.1
Aroclor-1260-2	7.379	7.282	7.482	476.130	500.000	-4.8
Aroclor-1260-3	7.741	7.643	7.843	470.430	500.000	-5.9
Aroclor-1260-4	7.965	7.868	8.068	465.450	500.000	-6.9
Aroclor-1260-5	8.277	8.181	8.381	480.940	500.000	-3.8
Decachlorobiphenyl	10.055	9.958	10.158	47.620	50.000	-4.8
Tetrachloro-m-xylene	4.371	4.274	4.474	47.610	50.000	-4.8

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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/15/2024 10/15/2024

Client Sample No.: CCAL02 **Date Analyzed:** 10/28/2024

Lab Sample No.: AR1660CCC500 **Data File :** PO107435.D **Time Analyzed:** 16:10

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.724	4.626	4.826	523.860	500.000	4.8
Aroclor-1016-2	4.743	4.645	4.845	530.430	500.000	6.1
Aroclor-1016-3	4.919	4.821	5.021	508.190	500.000	1.6
Aroclor-1016-4	4.960	4.862	5.062	491.260	500.000	-1.7
Aroclor-1016-5	5.173	5.076	5.276	531.290	500.000	6.3
Aroclor-1260-1	6.204	6.107	6.307	493.890	500.000	-1.2
Aroclor-1260-2	6.390	6.294	6.494	525.730	500.000	5.1
Aroclor-1260-3	6.544	6.448	6.648	507.540	500.000	1.5
Aroclor-1260-4	7.014	6.918	7.118	492.640	500.000	-1.5
Aroclor-1260-5	7.255	7.159	7.359	527.570	500.000	5.5
Decachlorobiphenyl	8.634	8.539	8.739	48.670	50.000	-2.7
Tetrachloro-m-xylene	3.643	3.545	3.745	51.710	50.000	3.4

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
Data File : PO107435.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 16:10
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :Ankita Jodhani 10/29/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:41:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:34:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.371	3.643	434.0E6	166.4E6	47.615	51.709
2)	SA Decachlor...	10.055	8.634	116.8E6	133.4E6	47.620	48.670
	Target Compounds						
3)	L1 AR-1016-1	5.519	4.724	129.8E6	54096790	480.930	523.860
4)	L1 AR-1016-2	5.542	4.743	186.2E6	74773720	469.040	530.431
5)	L1 AR-1016-3	5.604	4.919	117.9E6	40017638	469.218	508.189
6)	L1 AR-1016-4	5.701	4.960	94109529	32476524	488.597	491.262
7)	L1 AR-1016-5	5.996	5.173	88426602	43636786	484.122	531.289m
31)	L7 AR-1260-1	7.123	6.204	118.8E6	76628986	459.277	493.888
32)	L7 AR-1260-2	7.379	6.390	125.3E6	92588971	476.132	525.728
33)	L7 AR-1260-3	7.741	6.544	84558116	85138903	470.433	507.540
34)	L7 AR-1260-4	7.965	7.014	81688411	71275922	465.451	492.643
35)	L7 AR-1260-5	8.277	7.255	136.8E6	173.8E6	480.940	527.570

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

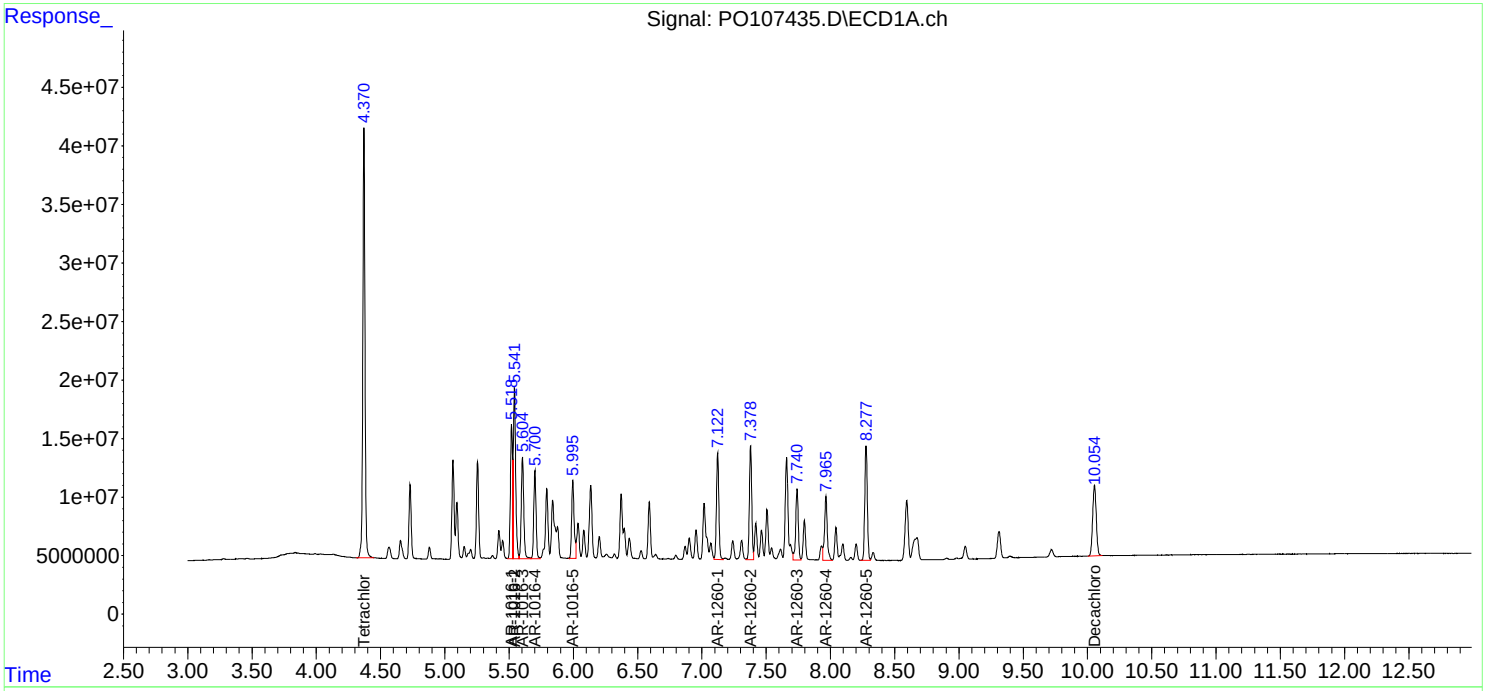
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
Data File : PO107435.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 16:10
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

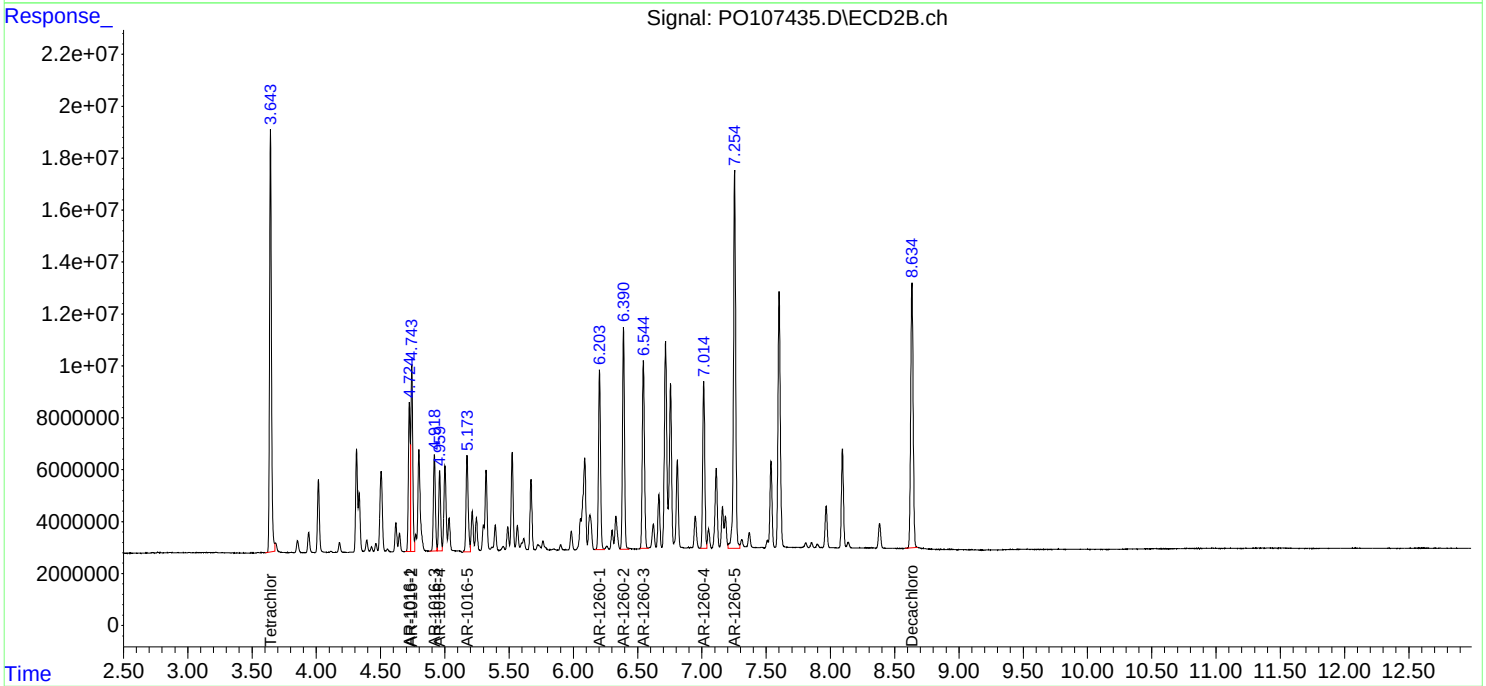
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

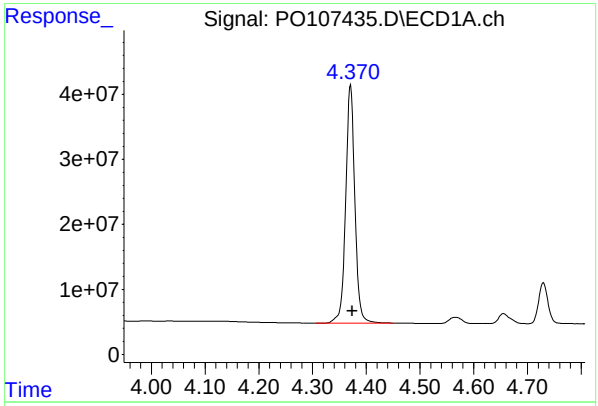
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :Ankita Jodhani 10/29/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:41:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:34:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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







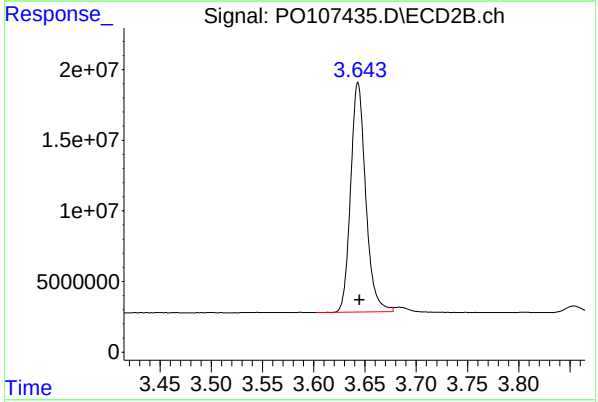
#1 Tetrachloro-m-xylene

R.T.: 4.371 min
Delta R.T.: -0.003 min
Response: 433953904
Conc: 47.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

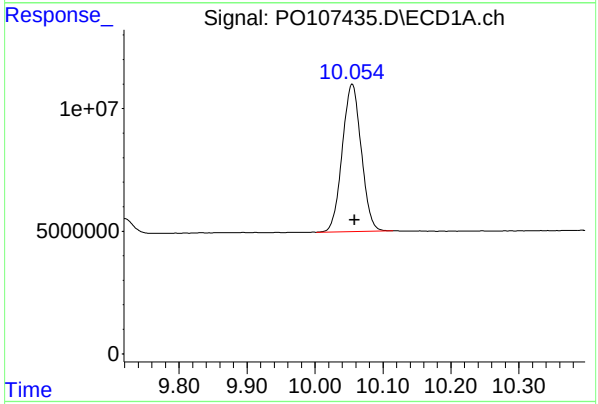
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :Ankita Jodhani 10/29/2024



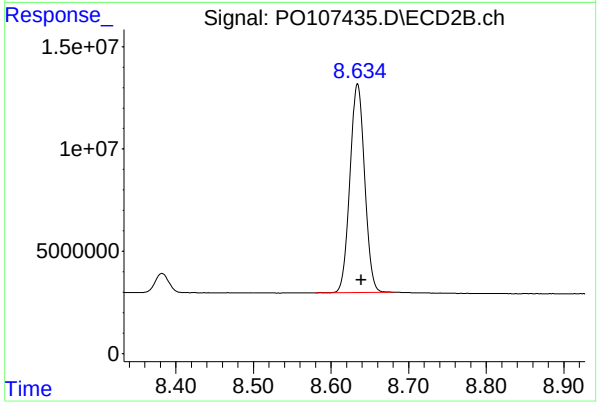
#1 Tetrachloro-m-xylene

R.T.: 3.643 min
Delta R.T.: -0.001 min
Response: 166426707
Conc: 51.71 ng/ml



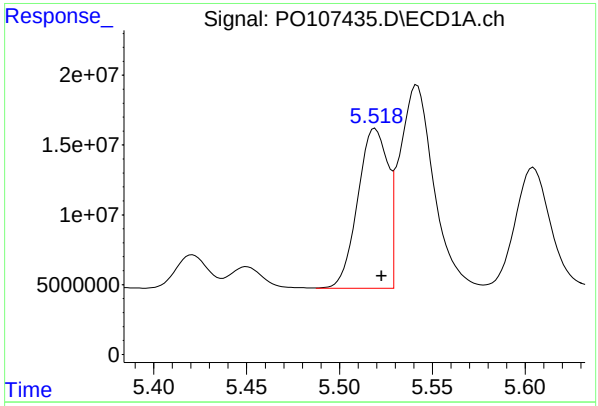
#2 Decachlorobiphenyl

R.T.: 10.055 min
Delta R.T.: -0.004 min
Response: 116829290
Conc: 47.62 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.634 min
Delta R.T.: -0.005 min
Response: 133434615
Conc: 48.67 ng/ml



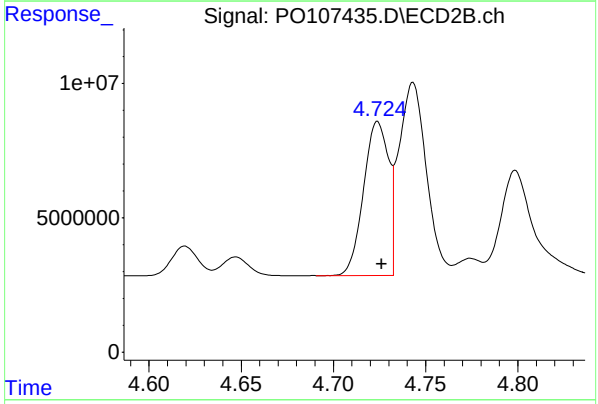
#3 AR-1016-1

R.T.: 5.519 min
Delta R.T.: -0.004 min
Response: 129761733
Conc: 480.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

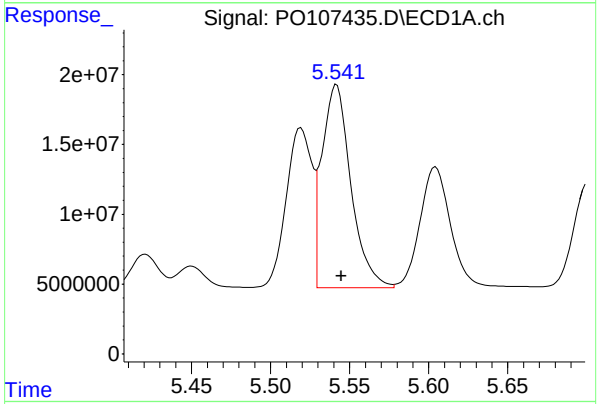
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :Ankita Jodhani 10/29/2024



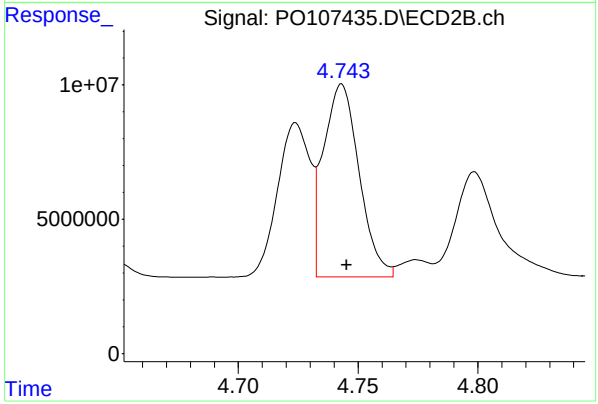
#3 AR-1016-1

R.T.: 4.724 min
Delta R.T.: -0.002 min
Response: 54096790
Conc: 523.86 ng/ml



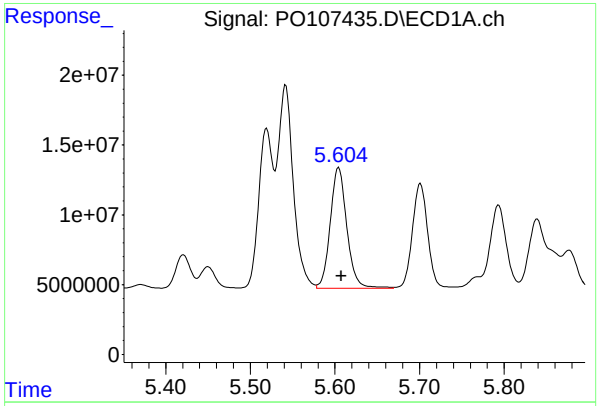
#4 AR-1016-2

R.T.: 5.542 min
Delta R.T.: -0.003 min
Response: 186154922
Conc: 469.04 ng/ml



#4 AR-1016-2

R.T.: 4.743 min
Delta R.T.: -0.002 min
Response: 74773720
Conc: 530.43 ng/ml



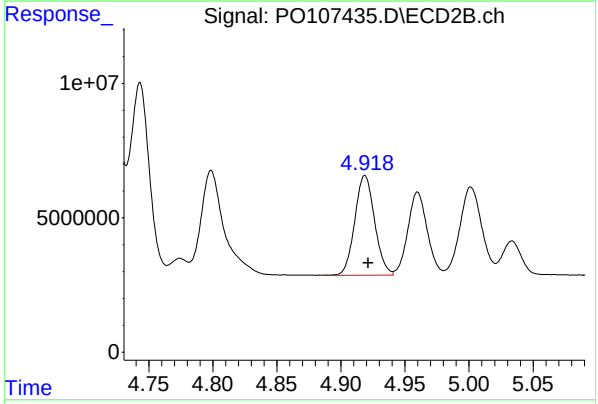
#5 AR-1016-3

R.T.: 5.604 min
Delta R.T.: -0.003 min
Response: 117853358
Conc: 469.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

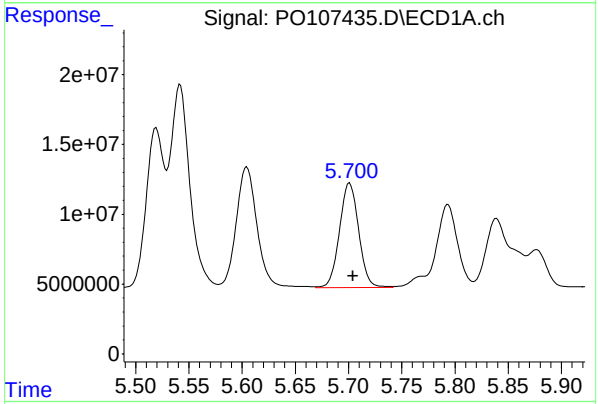
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :Ankita Jodhani 10/29/2024



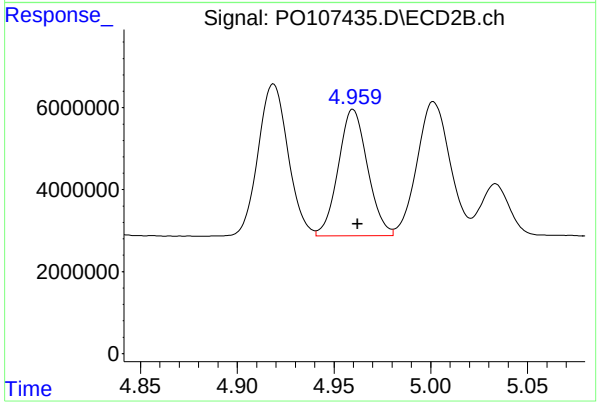
#5 AR-1016-3

R.T.: 4.919 min
Delta R.T.: -0.003 min
Response: 40017638
Conc: 508.19 ng/ml



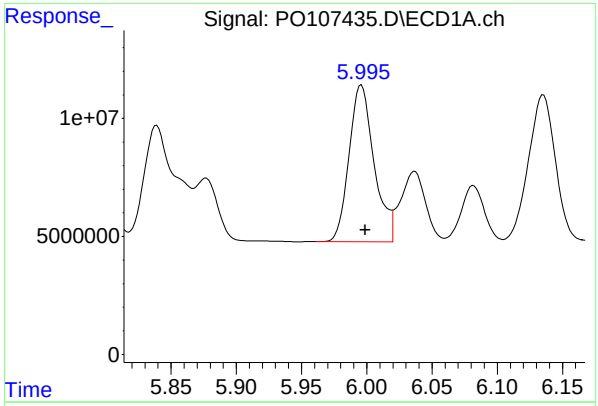
#6 AR-1016-4

R.T.: 5.701 min
Delta R.T.: -0.003 min
Response: 94109529
Conc: 488.60 ng/ml



#6 AR-1016-4

R.T.: 4.960 min
Delta R.T.: -0.002 min
Response: 32476524
Conc: 491.26 ng/ml



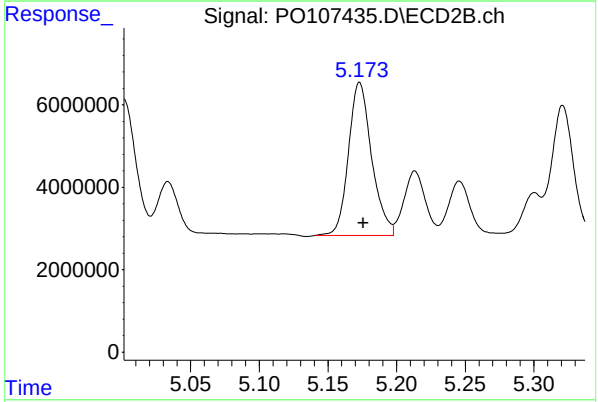
#7 AR-1016-5

R.T.: 5.996 min
Delta R.T.: -0.003 mi
Response: 88426602
Conc: 484.12 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

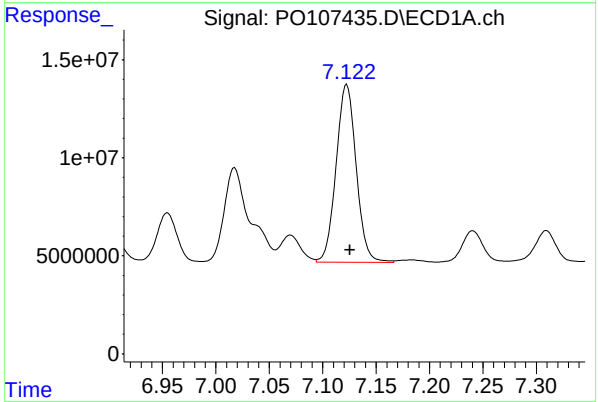
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :Ankita Jodhani 10/29/2024



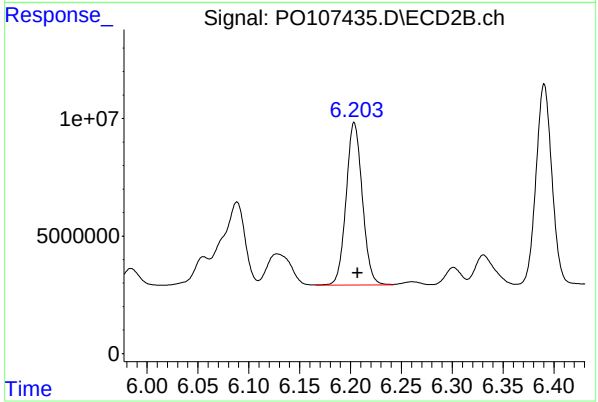
#7 AR-1016-5

R.T.: 5.173 min
Delta R.T.: -0.003 min
Response: 43636786
Conc: 531.29 ng/ml m



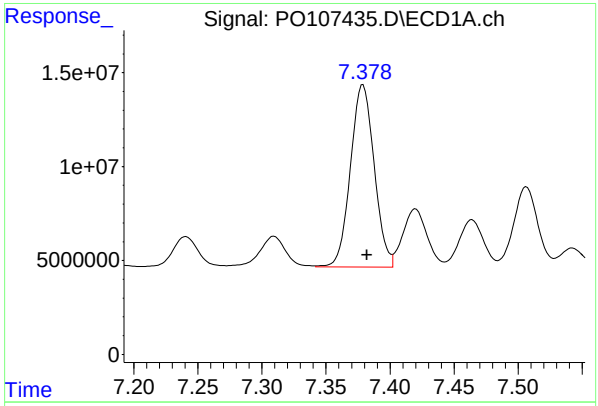
#31 AR-1260-1

R.T.: 7.123 min
Delta R.T.: -0.003 min
Response: 118763777
Conc: 459.28 ng/ml



#31 AR-1260-1

R.T.: 6.204 min
Delta R.T.: -0.003 min
Response: 76628986
Conc: 493.89 ng/ml



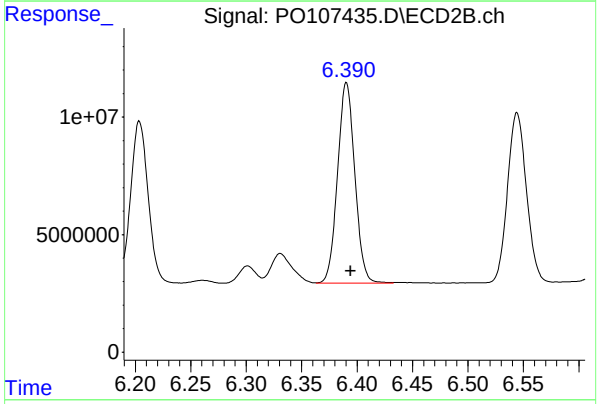
#32 AR-1260-2

R.T.: 7.379 min
Delta R.T.: -0.003 min
Response: 125327517
Conc: 476.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

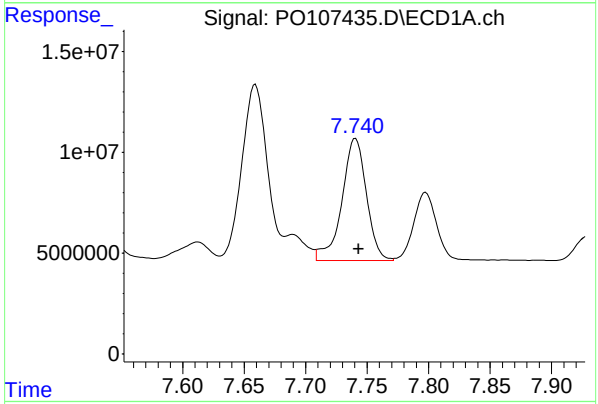
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :Ankita Jodhani 10/29/2024



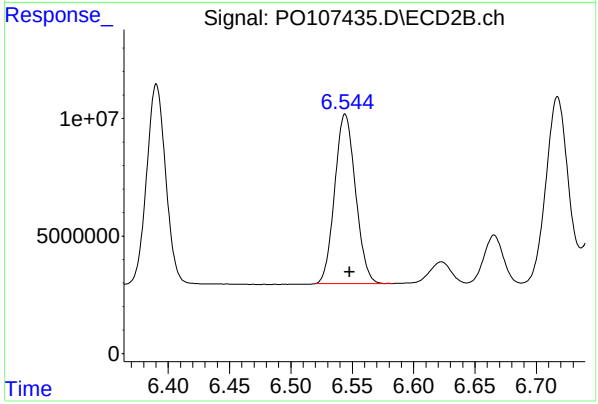
#32 AR-1260-2

R.T.: 6.390 min
Delta R.T.: -0.004 min
Response: 92588971
Conc: 525.73 ng/ml



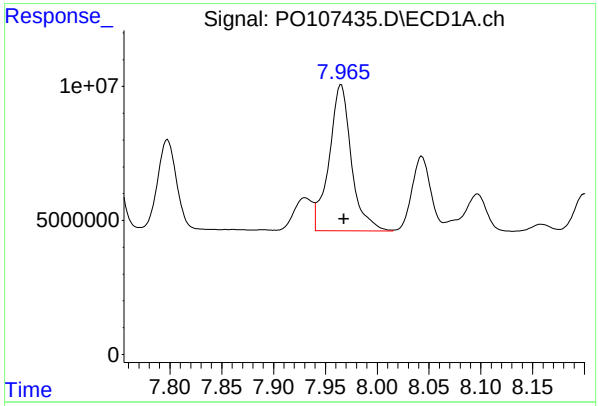
#33 AR-1260-3

R.T.: 7.741 min
Delta R.T.: -0.003 min
Response: 84558116
Conc: 470.43 ng/ml



#33 AR-1260-3

R.T.: 6.544 min
Delta R.T.: -0.004 min
Response: 85138903
Conc: 507.54 ng/ml



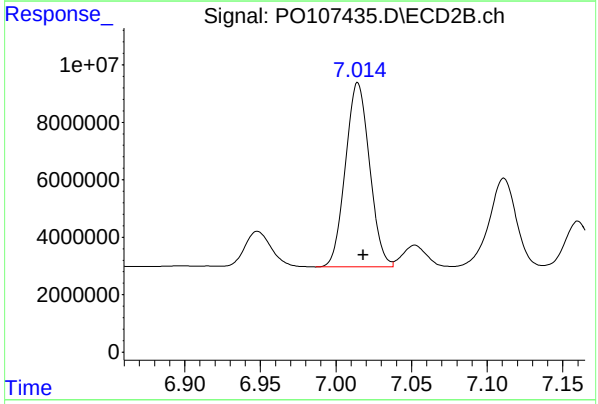
#34 AR-1260-4

R.T.: 7.965 min
Delta R.T.: -0.003 min
Response: 81688411
Conc: 465.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

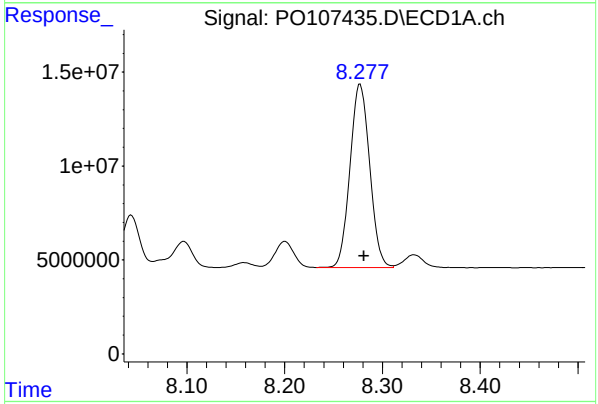
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :Ankita Jodhani 10/29/2024



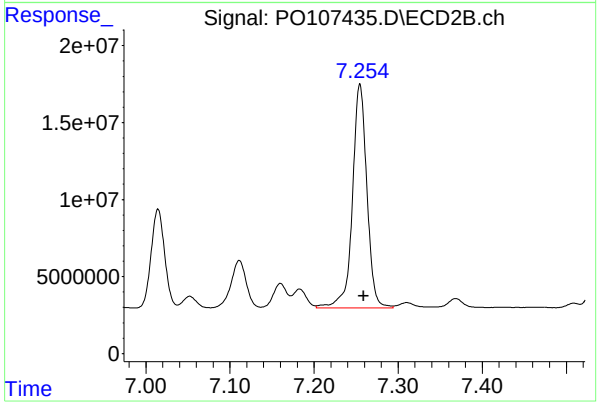
#34 AR-1260-4

R.T.: 7.014 min
Delta R.T.: -0.004 min
Response: 71275922
Conc: 492.64 ng/ml



#35 AR-1260-5

R.T.: 8.277 min
Delta R.T.: -0.004 min
Response: 136776313
Conc: 480.94 ng/ml



#35 AR-1260-5

R.T.: 7.255 min
Delta R.T.: -0.005 min
Response: 173803158
Conc: 527.57 ng/ml

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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

Continuing Calib Date: 10/28/2024 **Initial Calibration Date(s):** 10/28/2024 10/28/2024

Continuing Calib Time: 16:28 **Initial Calibration Time(s):** 09:34 10:46

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1221-1	(1)	4.57	4.57	4.47	4.67	0.00
Aroclor-1221-2	(2)	4.66	4.66	4.56	4.76	0.00
Aroclor-1221-3	(3)	4.73	4.73	4.63	4.83	0.00
Tetrachloro-m-xylene		4.37	4.37	4.27	4.47	0.00
Decachlorobiphenyl		10.06	10.06	9.96	10.16	0.00

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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

Continuing Calib Date: 10/28/2024 **Initial Calibration Date(s):** 10/28/2024 10/28/2024

Continuing Calib Time: 16:28 **Initial Calibration Time(s):** 09:34 10:46

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1221-1	(1)	3.86	3.86	3.76	3.96	0.00
Aroclor-1221-2	(2)	3.94	3.94	3.84	4.04	0.00
Aroclor-1221-3	(3)	4.02	4.02	3.92	4.12	0.00
Tetrachloro-m-xylene		3.64	3.64	3.54	3.74	0.00
Decachlorobiphenyl		8.63	8.63	8.53	8.73	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/28/2024 10/28/2024

Client Sample No.: CCAL07 **Date Analyzed:** 10/28/2024

Lab Sample No.: AR1221CCC500 **Data File :** PO107436.D **Time Analyzed:** 16:28

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1221-1	4.570	4.471	4.671	520.880	500.000	4.2
Aroclor-1221-2	4.655	4.556	4.756	510.950	500.000	2.2
Aroclor-1221-3	4.730	4.631	4.831	507.540	500.000	1.5
Decachlorobiphenyl	10.056	9.957	10.157	49.600	50.000	-0.8
Tetrachloro-m-xylene	4.371	4.271	4.471	52.200	50.000	4.4

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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/28/2024 10/28/2024

Client Sample No.: CCAL07 **Date Analyzed:** 10/28/2024

Lab Sample No.: AR1221CCC500 **Data File :** PO107436.D **Time Analyzed:** 16:28

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1221-1	3.855	3.755	3.955	536.640	500.000	7.3
Aroclor-1221-2	3.941	3.840	4.040	516.940	500.000	3.4
Aroclor-1221-3	4.016	3.916	4.116	520.110	500.000	4.0
Decachlorobiphenyl	8.634	8.534	8.734	51.110	50.000	2.2
Tetrachloro-m-xylene	3.643	3.543	3.743	53.610	50.000	7.2

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
Data File : PO107436.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 16:28
Operator : YP/AJ
Sample : AR1221CCC500
Misc :
ALS Vial : 98 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1221CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:42:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:34:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.371	3.643	475.8E6	172.5E6	52.204	53.605
2)	SA Decachlor...	10.056	8.634	121.7E6	140.1E6	49.596	51.106
	Target Compounds						
8)	L2 AR-1221-1	4.570	3.855	58087417	19449748	520.877	536.638
9)	L2 AR-1221-2	4.655	3.941	41856011	15044916	510.955	516.939
10)	L2 AR-1221-3	4.730	4.016	121.4E6	45895328	507.538	520.107

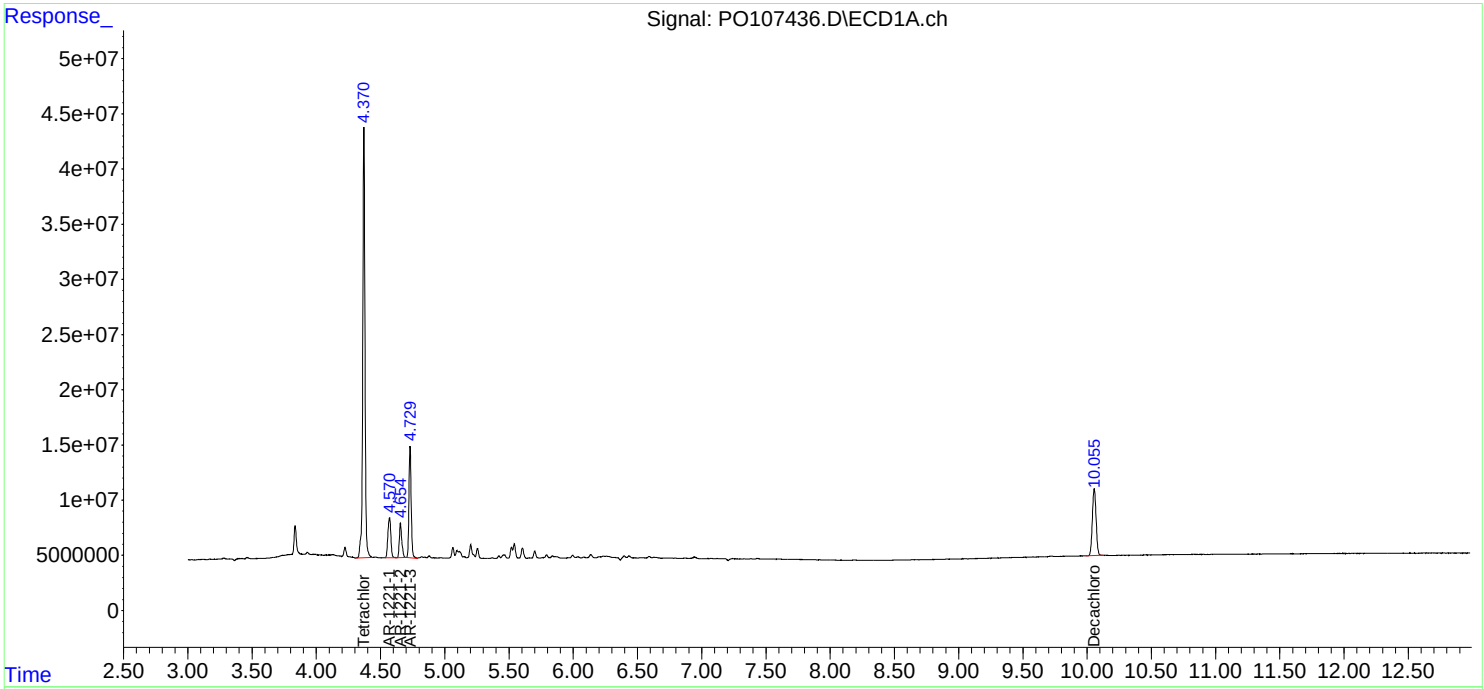
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

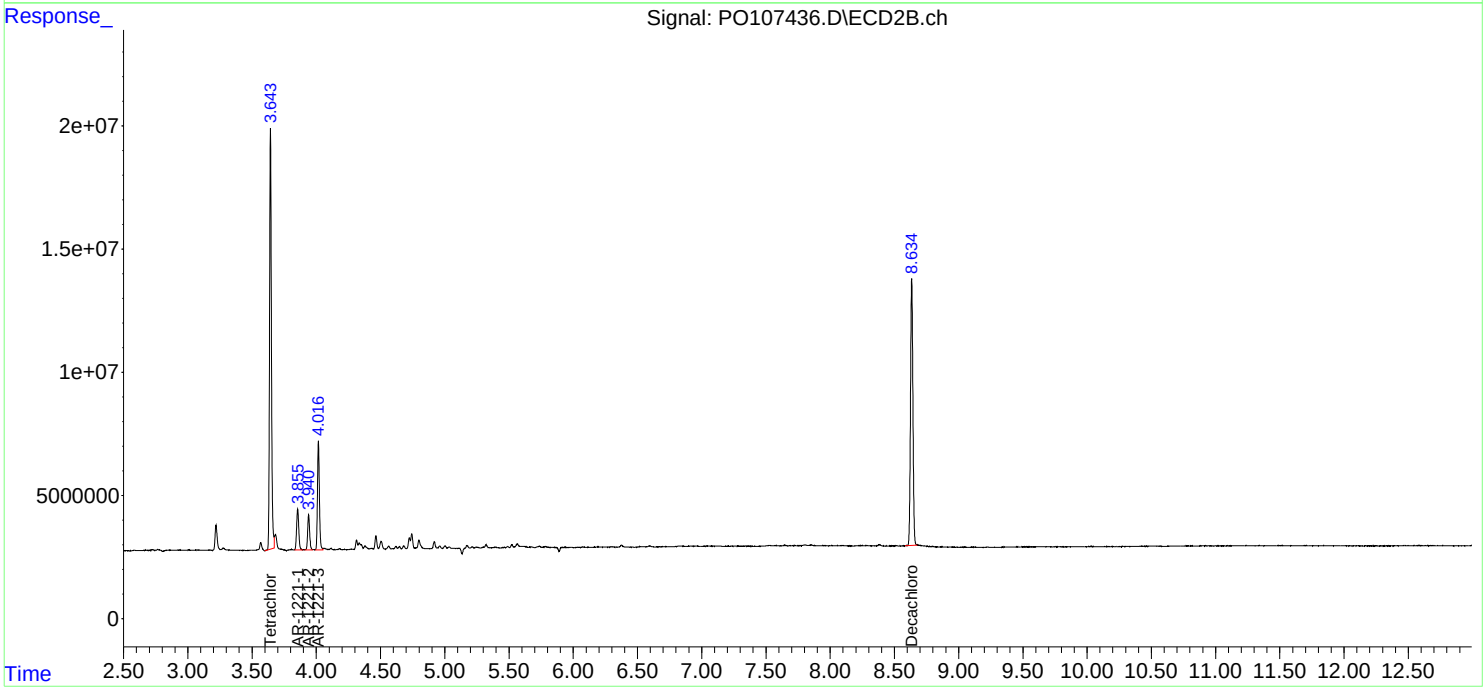
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
Data File : PO107436.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 16:28
Operator : YP/AJ
Sample : AR1221CCC500
Misc :
ALS Vial : 98 Sample Multiplier: 1

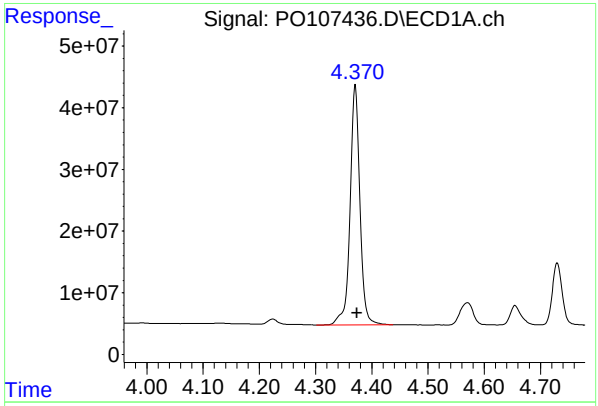
Instrument :
ECD_O
ClientSampleId :
AR1221CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:42:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:34:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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



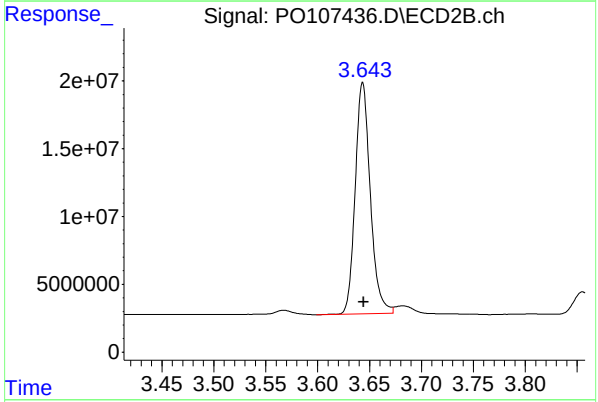




#1 Tetrachloro-m-xylene

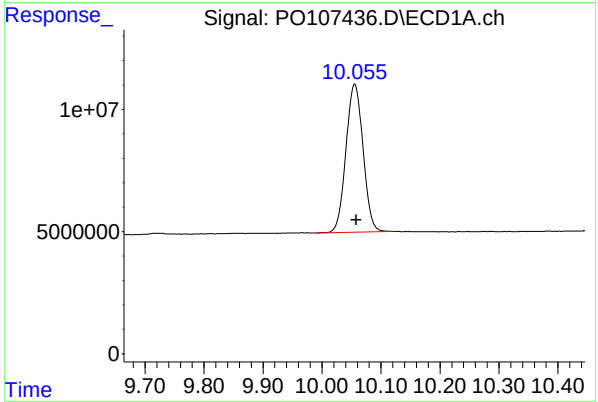
R.T.: 4.371 min
Delta R.T.: -0.003 min
Response: 475785681
Conc: 52.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221CCC500



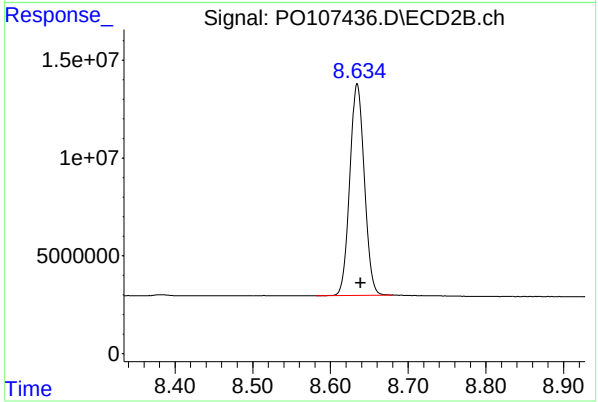
#1 Tetrachloro-m-xylene

R.T.: 3.643 min
Delta R.T.: -0.001 min
Response: 172528048
Conc: 53.61 ng/ml



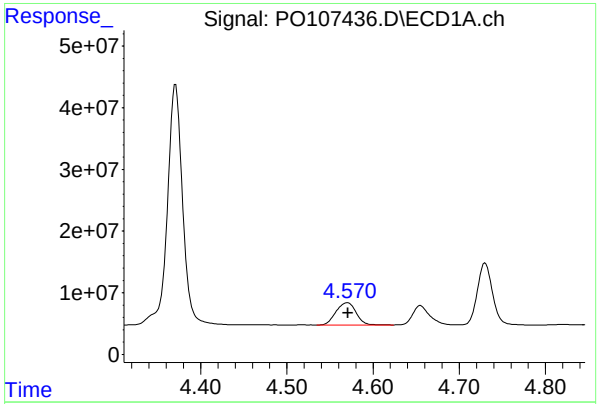
#2 Decachlorobiphenyl

R.T.: 10.056 min
Delta R.T.: -0.003 min
Response: 121678594
Conc: 49.60 ng/ml



#2 Decachlorobiphenyl

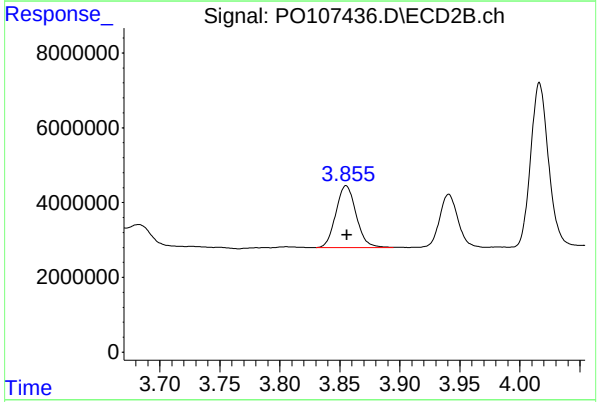
R.T.: 8.634 min
Delta R.T.: -0.004 min
Response: 140111215
Conc: 51.11 ng/ml



#8 AR-1221-1

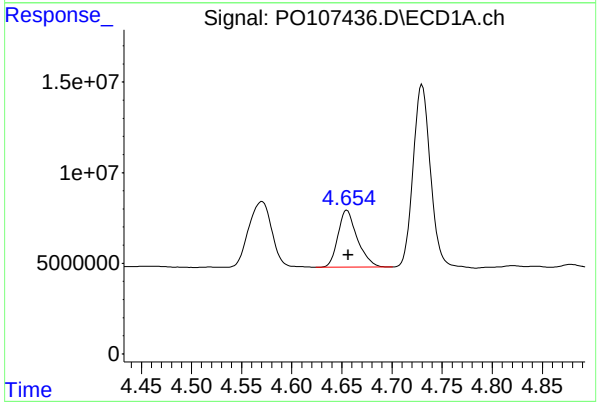
R.T.: 4.570 min
Delta R.T.: 0.000 min
Response: 58087417
Conc: 520.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221CCC500



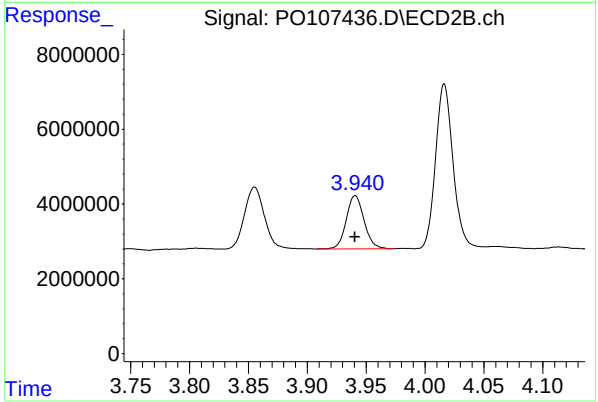
#8 AR-1221-1

R.T.: 3.855 min
Delta R.T.: 0.000 min
Response: 19449748
Conc: 536.64 ng/ml



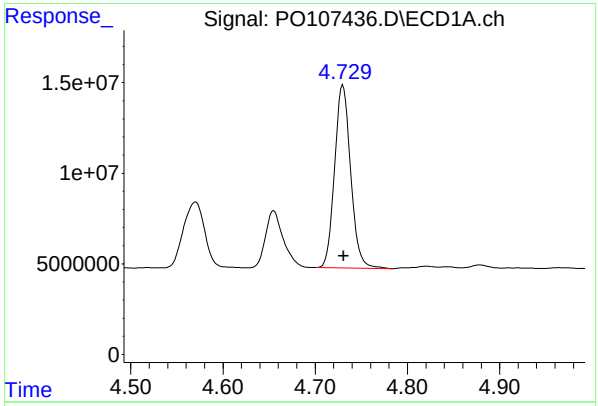
#9 AR-1221-2

R.T.: 4.655 min
Delta R.T.: -0.001 min
Response: 41856011
Conc: 510.95 ng/ml



#9 AR-1221-2

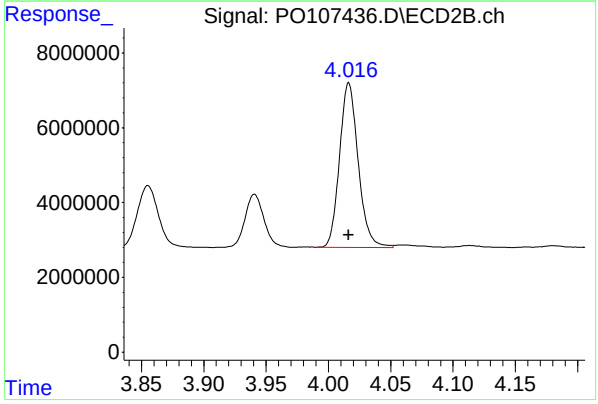
R.T.: 3.941 min
Delta R.T.: 0.000 min
Response: 15044916
Conc: 516.94 ng/ml



#10 AR-1221-3

R.T.: 4.730 min
Delta R.T.: 0.000 min
Response: 121448479
Conc: 507.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221CCC500



#10 AR-1221-3

R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 45895328
Conc: 520.11 ng/ml

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Analytical Sequence

Client: Chemtech Consulting Group **SDG No.:** P4495

Project: NJ Soil PT **Instrument ID:** ECD_O

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/15/2024 10/15/2024

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	10/15/2024	18:08	PO107183.D	10.06	4.37
AR1660ICC1000	AR1660ICC1000	10/15/2024	18:27	PO107184.D	10.06	4.37
AR1660ICC750	AR1660ICC750	10/15/2024	18:45	PO107185.D	10.06	4.37
AR1660ICC500	AR1660ICC500	10/15/2024	19:03	PO107186.D	10.06	4.37
AR1660ICC250	AR1660ICC250	10/15/2024	19:21	PO107187.D	10.06	4.37
AR1660ICC050	AR1660ICC050	10/15/2024	19:39	PO107188.D	10.06	4.37
AR1221ICC500	AR1221ICC500	10/15/2024	19:57	PO107189.D	10.06	4.37
AR1232ICC500	AR1232ICC500	10/15/2024	20:15	PO107190.D	10.06	4.37
AR1242ICC1000	AR1242ICC1000	10/15/2024	20:34	PO107191.D	10.06	4.37
AR1242ICC750	AR1242ICC750	10/15/2024	20:52	PO107192.D	10.06	4.37
AR1242ICC500	AR1242ICC500	10/15/2024	21:10	PO107193.D	10.06	4.37
AR1242ICC250	AR1242ICC250	10/15/2024	21:28	PO107194.D	10.06	4.37
AR1242ICC050	AR1242ICC050	10/15/2024	21:46	PO107195.D	10.06	4.37
AR1248ICC1000	AR1248ICC1000	10/15/2024	22:04	PO107196.D	10.06	4.37
AR1248ICC750	AR1248ICC750	10/15/2024	22:22	PO107197.D	10.06	4.37
AR1248ICC500	AR1248ICC500	10/15/2024	22:41	PO107198.D	10.06	4.37
AR1248ICC250	AR1248ICC250	10/15/2024	22:59	PO107199.D	10.06	4.37
AR1248ICC050	AR1248ICC050	10/15/2024	23:17	PO107200.D	10.06	4.37
AR1254ICC1000	AR1254ICC1000	10/15/2024	23:35	PO107201.D	10.06	4.37
AR1254ICC750	AR1254ICC750	10/15/2024	23:53	PO107202.D	10.06	4.37
AR1254ICC500	AR1254ICC500	10/16/2024	00:11	PO107203.D	10.06	4.37
AR1254ICC250	AR1254ICC250	10/16/2024	00:29	PO107204.D	10.06	4.37
AR1254ICC050	AR1254ICC050	10/16/2024	00:47	PO107205.D	10.06	4.37
AR1262ICC500	AR1262ICC500	10/16/2024	01:05	PO107206.D	10.06	4.37
AR1268ICC1000	AR1268ICC1000	10/16/2024	01:23	PO107207.D	10.06	4.37
AR1268ICC750	AR1268ICC750	10/16/2024	01:41	PO107208.D	10.06	4.37
AR1268ICC500	AR1268ICC500	10/16/2024	01:59	PO107209.D	10.06	4.37
AR1268ICC250	AR1268ICC250	10/16/2024	02:18	PO107210.D	10.06	4.37
AR1268ICC050	AR1268ICC050	10/16/2024	02:36	PO107211.D	10.06	4.37
AR1660CCC500	AR1660CCC500	10/25/2024	09:25	PO107370.D	10.06	4.37
I.BLK	I.BLK	10/25/2024	10:59	PO107374.D	10.06	4.37
PB164397BL	PB164397BL	10/25/2024	13:10	PO107375.D	10.06	4.37
PB164397BS	PB164397BS	10/25/2024	13:28	PO107376.D	10.06	4.37
PT-PCB-SOIL	P4495-18	10/25/2024	13:46	PO107377.D	10.06	4.37
PT-PCB-SOILDL	P4495-18DL	10/25/2024	15:16	PO107381.D	10.06	4.37
AR1660CCC500	AR1660CCC500	10/25/2024	15:49	PO107382.D	10.06	4.37
I.BLK	I.BLK	10/25/2024	17:01	PO107386.D	10.06	4.37
OR-03-102424MS	P4531-01MS	10/25/2024	18:13	PO107390.D	10.06	4.37
OR-03-102424MSD	P4531-01MSD	10/25/2024	18:31	PO107391.D	10.06	4.37
AR1660CCC500	AR1660CCC500	10/25/2024	20:48	PO107397.D	10.06	4.37
I.BLK	I.BLK	10/25/2024	22:01	PO107401.D	10.06	4.37
I.BLK	I.BLK	10/28/2024	09:16	PO107414.D	10.06	4.37

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Fax : 908 789 8922

Analytical Sequence

AR1221ICC1000	AR1221ICC1000	10/28/2024	09:34	PO107415.D	10.06	4.37
AR1221ICC750	AR1221ICC750	10/28/2024	09:52	PO107416.D	10.06	4.37
AR1221ICC500	AR1221ICC500	10/28/2024	10:10	PO107417.D	10.06	4.37
AR1221ICC250	AR1221ICC250	10/28/2024	10:28	PO107418.D	10.06	4.37
AR1221ICC050	AR1221ICC050	10/28/2024	10:46	PO107419.D	10.06	4.37
AR1660CCC500	AR1660CCC500	10/28/2024	11:22	PO107421.D	10.05	4.37
AR1221CCC500	AR1221CCC500	10/28/2024	11:40	PO107422.D	10.06	4.37
I.BLK	I.BLK	10/28/2024	12:16	PO107424.D	10.05	4.37
PB164405BL	PB164405BL	10/28/2024	12:34	PO107425.D	10.05	4.37
PB164405BS	PB164405BS	10/28/2024	12:52	PO107426.D	10.06	4.37
PT-PCBO-SOIL	P4495-19	10/28/2024	13:10	PO107427.D	10.06	4.38
PT-PCBO-SOILDL	P4495-19DL	10/28/2024	15:52	PO107434.D	10.06	4.37
AR1660CCC500	AR1660CCC500	10/28/2024	16:10	PO107435.D	10.06	4.37
AR1221CCC500	AR1221CCC500	10/28/2024	16:28	PO107436.D	10.06	4.37
I.BLK	I.BLK	10/28/2024	17:40	PO107440.D	10.06	4.37

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Fax : 908 789 8922

Analytical Sequence

Client: Chemtech Consulting Group **SDG No.:** P4495

Project: NJ Soil PT **Instrument ID:** ECD_O

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/15/2024 10/15/2024

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	10/15/2024	18:08	PO107183.D	8.64	3.64
AR1660ICC1000	AR1660ICC1000	10/15/2024	18:27	PO107184.D	8.64	3.64
AR1660ICC750	AR1660ICC750	10/15/2024	18:45	PO107185.D	8.64	3.64
AR1660ICC500	AR1660ICC500	10/15/2024	19:03	PO107186.D	8.64	3.65
AR1660ICC250	AR1660ICC250	10/15/2024	19:21	PO107187.D	8.64	3.64
AR1660ICC050	AR1660ICC050	10/15/2024	19:39	PO107188.D	8.64	3.64
AR1221ICC500	AR1221ICC500	10/15/2024	19:57	PO107189.D	8.64	3.64
AR1232ICC500	AR1232ICC500	10/15/2024	20:15	PO107190.D	8.64	3.64
AR1242ICC1000	AR1242ICC1000	10/15/2024	20:34	PO107191.D	8.64	3.64
AR1242ICC750	AR1242ICC750	10/15/2024	20:52	PO107192.D	8.64	3.64
AR1242ICC500	AR1242ICC500	10/15/2024	21:10	PO107193.D	8.64	3.64
AR1242ICC250	AR1242ICC250	10/15/2024	21:28	PO107194.D	8.64	3.65
AR1242ICC050	AR1242ICC050	10/15/2024	21:46	PO107195.D	8.64	3.64
AR1248ICC1000	AR1248ICC1000	10/15/2024	22:04	PO107196.D	8.64	3.64
AR1248ICC750	AR1248ICC750	10/15/2024	22:22	PO107197.D	8.64	3.64
AR1248ICC500	AR1248ICC500	10/15/2024	22:41	PO107198.D	8.64	3.64
AR1248ICC250	AR1248ICC250	10/15/2024	22:59	PO107199.D	8.64	3.64
AR1248ICC050	AR1248ICC050	10/15/2024	23:17	PO107200.D	8.64	3.64
AR1254ICC1000	AR1254ICC1000	10/15/2024	23:35	PO107201.D	8.64	3.65
AR1254ICC750	AR1254ICC750	10/15/2024	23:53	PO107202.D	8.64	3.64
AR1254ICC500	AR1254ICC500	10/16/2024	00:11	PO107203.D	8.64	3.64
AR1254ICC250	AR1254ICC250	10/16/2024	00:29	PO107204.D	8.64	3.64
AR1254ICC050	AR1254ICC050	10/16/2024	00:47	PO107205.D	8.64	3.65
AR1262ICC500	AR1262ICC500	10/16/2024	01:05	PO107206.D	8.64	3.64
AR1268ICC1000	AR1268ICC1000	10/16/2024	01:23	PO107207.D	8.64	3.65
AR1268ICC750	AR1268ICC750	10/16/2024	01:41	PO107208.D	8.64	3.64
AR1268ICC500	AR1268ICC500	10/16/2024	01:59	PO107209.D	8.64	3.65
AR1268ICC250	AR1268ICC250	10/16/2024	02:18	PO107210.D	8.64	3.64
AR1268ICC050	AR1268ICC050	10/16/2024	02:36	PO107211.D	8.64	3.65
AR1660CCC500	AR1660CCC500	10/25/2024	09:25	PO107370.D	8.64	3.64
I.BLK	I.BLK	10/25/2024	10:59	PO107374.D	8.64	3.64
PB164397BL	PB164397BL	10/25/2024	13:10	PO107375.D	8.64	3.64
PB164397BS	PB164397BS	10/25/2024	13:28	PO107376.D	8.64	3.64
PT-PCB-SOIL	P4495-18	10/25/2024	13:46	PO107377.D	8.64	3.64
PT-PCB-SOILDL	P4495-18DL	10/25/2024	15:16	PO107381.D	8.64	3.65
AR1660CCC500	AR1660CCC500	10/25/2024	15:49	PO107382.D	8.64	3.65
I.BLK	I.BLK	10/25/2024	17:01	PO107386.D	8.64	3.64
OR-03-102424MS	P4531-01MS	10/25/2024	18:13	PO107390.D	8.64	3.64
OR-03-102424MSD	P4531-01MSD	10/25/2024	18:31	PO107391.D	8.64	3.65
AR1660CCC500	AR1660CCC500	10/25/2024	20:48	PO107397.D	8.64	3.64
I.BLK	I.BLK	10/25/2024	22:01	PO107401.D	8.64	3.64
I.BLK	I.BLK	10/28/2024	09:16	PO107414.D	8.64	3.64

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Analytical Sequence

AR1221ICC1000	AR1221ICC1000	10/28/2024	09:34	PO107415.D	8.64	3.64
AR1221ICC750	AR1221ICC750	10/28/2024	09:52	PO107416.D	8.63	3.64
AR1221ICC500	AR1221ICC500	10/28/2024	10:10	PO107417.D	8.63	3.64
AR1221ICC250	AR1221ICC250	10/28/2024	10:28	PO107418.D	8.64	3.64
AR1221ICC050	AR1221ICC050	10/28/2024	10:46	PO107419.D	8.64	3.64
AR1660CCC500	AR1660CCC500	10/28/2024	11:22	PO107421.D	8.63	3.64
AR1221CCC500	AR1221CCC500	10/28/2024	11:40	PO107422.D	8.63	3.64
I.BLK	I.BLK	10/28/2024	12:16	PO107424.D	8.63	3.64
PB164405BL	PB164405BL	10/28/2024	12:34	PO107425.D	8.63	3.64
PB164405BS	PB164405BS	10/28/2024	12:52	PO107426.D	8.64	3.64
PT-PCBO-SOIL	P4495-19	10/28/2024	13:10	PO107427.D	8.64	3.65
PT-PCBO-SOILDL	P4495-19DL	10/28/2024	15:52	PO107434.D	8.64	3.65
AR1660CCC500	AR1660CCC500	10/28/2024	16:10	PO107435.D	8.63	3.64
AR1221CCC500	AR1221CCC500	10/28/2024	16:28	PO107436.D	8.63	3.64
I.BLK	I.BLK	10/28/2024	17:40	PO107440.D	8.63	3.64

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB164397BS

Contract: CHEM02

Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG NO.: P4495

Lab Sample ID: PB164397BS Date(s) Analyzed: 10/25/2024 10/25/2024

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO107376.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.521	5.471	5.571	163		
	2	5.544	5.494	5.594	159		
	3	5.606	5.556	5.656	158		
COLUMN 1	4	5.703	5.653	5.753	163		
	5	5.997	5.947	6.047	158	160	
	1	4.724	4.674	4.774	164		
	2	4.744	4.694	4.794	166		
	3	4.92	4.87	4.97	156		
	4	4.96	4.91	5.01	146		
COLUMN 2	5	5.174	5.124	5.224	153	157	1.89
Aroclor-1260	1	7.125	7.075	7.175	159		
	2	7.381	7.331	7.431	161		
	3	7.744	7.694	7.794	133		
COLUMN 1	4	7.968	7.918	8.018	147		
	5	8.281	8.231	8.331	143	149	
	1	6.205	6.155	6.255	165		
	2	6.392	6.342	6.442	174		
	3	6.545	6.495	6.595	170		
	4	7.016	6.966	7.066	146		
COLUMN 2	5	7.257	7.207	7.307	155	162	8.36

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PT-PCB-SOIL

Contract: CHEM02

Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG NO.: P4495

Lab Sample ID: P4495-18 Date(s) Analyzed: 10/25/2024 10/25/2024

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO107377.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.522	5.472	5.572	6630		
	2	5.544	5.494	5.594	6790		
	3	5.606	5.556	5.656	6020		
COLUMN 1	4	5.703	5.653	5.753	6600		
	5	5.998	5.948	6.048	6070	6400	
	1	4.725	4.675	4.775	7650		
	2	4.744	4.694	4.794	8340		
	3	4.919	4.869	4.969	7200		
	4	4.961	4.911	5.011	6010		
COLUMN 2	5	5.174	5.124	5.224	6950	7200	11.76

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PT-PCB-SOILDL

Contract: CHEM02

Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG NO.: P4495

Lab Sample ID: P4495-18DL Date(s) Analyzed: 10/25/2024 10/25/2024

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO107381.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.521	5.471	5.571	7560		
	2	5.544	5.494	5.594	7490		
	3	5.606	5.556	5.656	7180		
COLUMN 1	4	5.703	5.653	5.753	7520		
	5	5.998	5.948	6.048	7080	7400	
	1	4.725	4.675	4.775	8150		
	2	4.744	4.694	4.794	8580		
	3	4.92	4.87	4.97	7840		
	4	4.961	4.911	5.011	6530		
COLUMN 2	5	5.174	5.124	5.224	7360	7700	3.97

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
OR-03-102424MS

Contract: CHEM02
Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG NO.: P4495
Lab Sample ID: P4531-01MS Date(s) Analyzed: 10/25/2024 10/25/2024
Instrument ID (1): ECD_O Instrument ID (2): ECD_O
GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)
Data file PO107390.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.521	5.471	5.571	162		
	2	5.544	5.494	5.594	160		
	3	5.606	5.556	5.656	152		
COLUMN 1	4	5.703	5.653	5.753	165		
	5	5.998	5.948	6.048	148	157	
	1	4.725	4.675	4.775	186		
	2	4.744	4.694	4.794	171		
	3	4.92	4.87	4.97	177		
	4	4.961	4.911	5.011	181		
COLUMN 2	5	5.174	5.124	5.224	135	170	7.95
Aroclor-1260	1	7.125	7.075	7.175	164		
	2	7.382	7.332	7.432	158		
	3	7.744	7.694	7.794	135		
COLUMN 1	4	7.968	7.918	8.018	159		
	5	8.282	8.232	8.332	158	155	
	1	6.206	6.156	6.256	164		
	2	6.393	6.343	6.443	168		
	3	6.547	6.497	6.597	164		
	4	7.018	6.968	7.068	136		
COLUMN 2	5	7.258	7.208	7.308	143	155	0

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
OR-03-102424MSD

Contract: CHEM02
Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG NO.: P4495
Lab Sample ID: P4531-01MSD Date(s) Analyzed: 10/25/2024 10/25/2024
Instrument ID (1): ECD_O Instrument ID (2): ECD_O
GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)
Data file PO107391.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.521	5.471	5.571	164		
	2	5.544	5.494	5.594	158		
	3	5.607	5.557	5.657	151		
COLUMN 1	4	5.703	5.653	5.753	163		
	5	5.998	5.948	6.048	152	157	
	1	4.725	4.675	4.775	200		
	2	4.744	4.694	4.794	171		
	3	4.92	4.87	4.97	179		
	4	4.962	4.912	5.012	182		
COLUMN 2	5	5.174	5.124	5.224	135	173	9.7
Aroclor-1260	1	7.126	7.076	7.176	162		
	2	7.382	7.332	7.432	153		
	3	7.744	7.694	7.794	140		
COLUMN 1	4	7.968	7.918	8.018	156		
	5	8.281	8.231	8.331	153	153	
	1	6.205	6.155	6.255	164		
	2	6.392	6.342	6.442	174		
	3	6.547	6.497	6.597	165		
	4	7.017	6.967	7.067	137		
COLUMN 2	5	7.258	7.208	7.308	143	157	2.58

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB164405BS

Contract: CHEM02

Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG NO.: P4495

Lab Sample ID: PB164405BS Date(s) Analyzed: 10/28/2024 10/28/2024

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO107426.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.52	5.47	5.57	4280		
	2	5.542	5.492	5.592	4170		
	3	5.605	5.555	5.655	4120		
COLUMN 1	4	5.701	5.651	5.751	4300		
	5	5.996	5.946	6.046	4240	4200	
	1	4.724	4.674	4.774	4460		
	2	4.743	4.693	4.793	4550		
	3	4.919	4.869	4.969	4330		
	4	4.96	4.91	5.01	4100		
COLUMN 2	5	5.174	5.124	5.224	4280	4300	2.35
Aroclor-1260	1	7.123	7.073	7.173	4380		
	2	7.379	7.329	7.429	4490		
	3	7.741	7.691	7.791	3720		
COLUMN 1	4	7.964	7.914	8.014	4020		
	5	8.278	8.228	8.328	3910	4100	
	1	6.204	6.154	6.254	4530		
	2	6.391	6.341	6.441	4810		
	3	6.545	6.495	6.595	4650		
	4	7.015	6.965	7.065	3990		
COLUMN 2	5	7.256	7.206	7.306	4240	4400	7.06

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
PT-PCBO-SOIL

Contract: CHEM02
Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG NO.: P4495
Lab Sample ID: P4495-19 Date(s) Analyzed: 10/28/2024 10/28/2024
Instrument ID (1): ECD_O Instrument ID (2): ECD_O
GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)
Data file PO107427.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1221	1	4.572	4.522	4.622	24800		
	2	4.661	4.611	4.711	10700		
	3	4.736	4.686	4.786	13300		
COLUMN 1	4	0	0	0	0		
	5	0	0	0	0	16000	
	1	3.864	3.814	3.914	14400		
	2	3.946	3.896	3.996	24600		
	3	4.024	3.974	4.074	14600		
	4	0	0	0	0		
COLUMN 2	5	0	0	0	0	18000	11.76

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PT-PCBO-SOILDL

Contract: CHEM02

Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG NO.: P4495

Lab Sample ID: P4495-19DL Date(s) Analyzed: 10/28/2024 10/28/2024

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO107434.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1221	1	4.568	4.518	4.618	24800		
	2	4.656	4.606	4.706	12300		
	3	4.731	4.681	4.781	14400		
COLUMN 1	4	0	0	0	0		
	5	0	0	0	0	17000	
	1	3.857	3.807	3.907	15200		
	2	3.941	3.891	3.991	24500		
	3	4.018	3.968	4.068	14900		
	4	0	0	0	0		
COLUMN 2	5	0	0	0	0	18000	5.71

QC SAMPLE DATA

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	NJ Soil PT	Date Received:	
Client Sample ID:	PB164397BL	SDG No.:	P4495
Lab Sample ID:	PB164397BL	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
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO107375.D	1	10/25/24 09:40	10/25/24 13:10	PB164397

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.40	U	3.40	17.0	ug/kg
11104-28-2	Aroclor-1221	6.40	U	6.40	17.0	ug/kg
11141-16-5	Aroclor-1232	3.40	U	3.40	17.0	ug/kg
53469-21-9	Aroclor-1242	3.40	U	3.40	17.0	ug/kg
12672-29-6	Aroclor-1248	7.90	U	7.90	17.0	ug/kg
11097-69-1	Aroclor-1254	2.70	U	2.70	17.0	ug/kg
37324-23-5	Aroclor-1262	4.60	U	4.60	17.0	ug/kg
11100-14-4	Aroclor-1268	3.40	U	3.40	17.0	ug/kg
11096-82-5	Aroclor-1260	2.90	U	2.90	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.4		32 - 144	112%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.0		32 - 175	115%	SPK: 20

Comments:

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

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102524\
Data File : PO107375.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2024 13:10
Operator : YP/AJ
Sample : PB164397BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB164397BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 23:54:21 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:53:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.372	3.644	204.4E6	71005145	22.431	22.062
2)	SA Decachlor...	10.062	8.637	56386636	62401989	22.983	22.761
	Target Compounds						

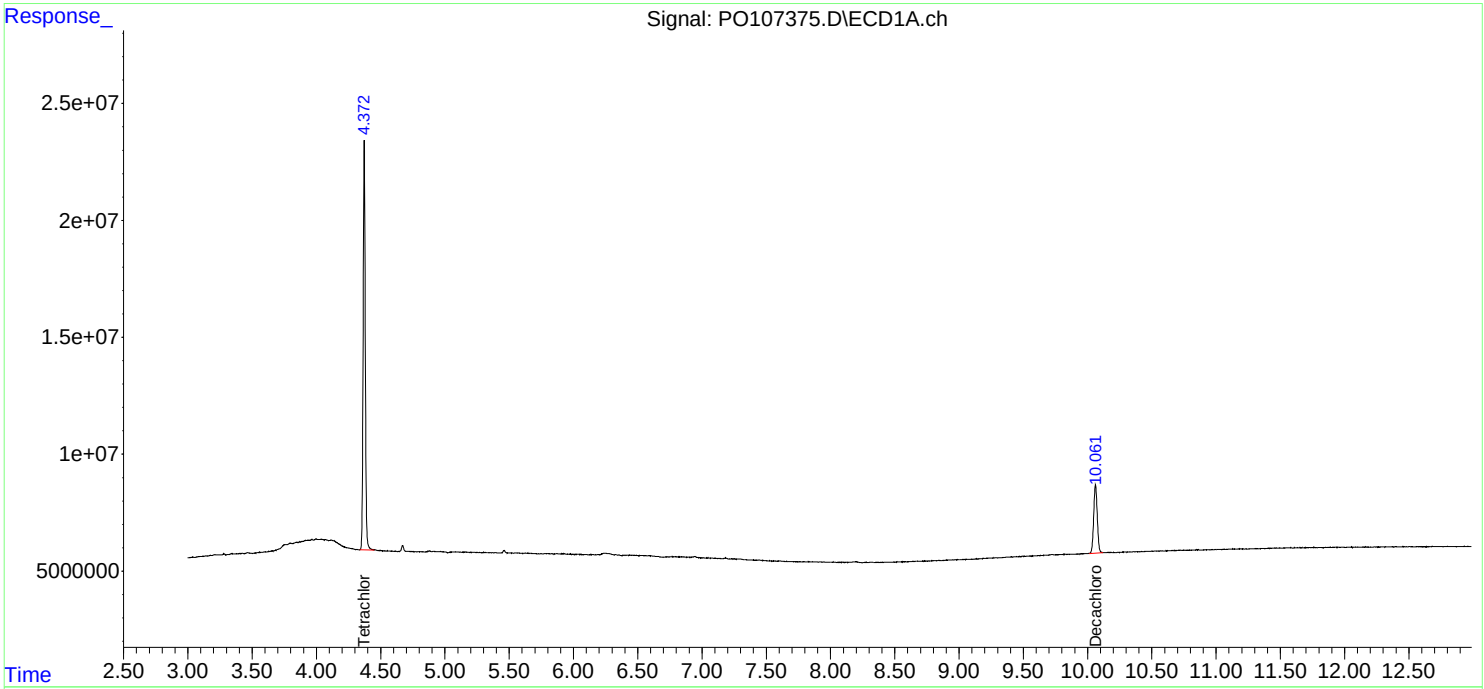
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

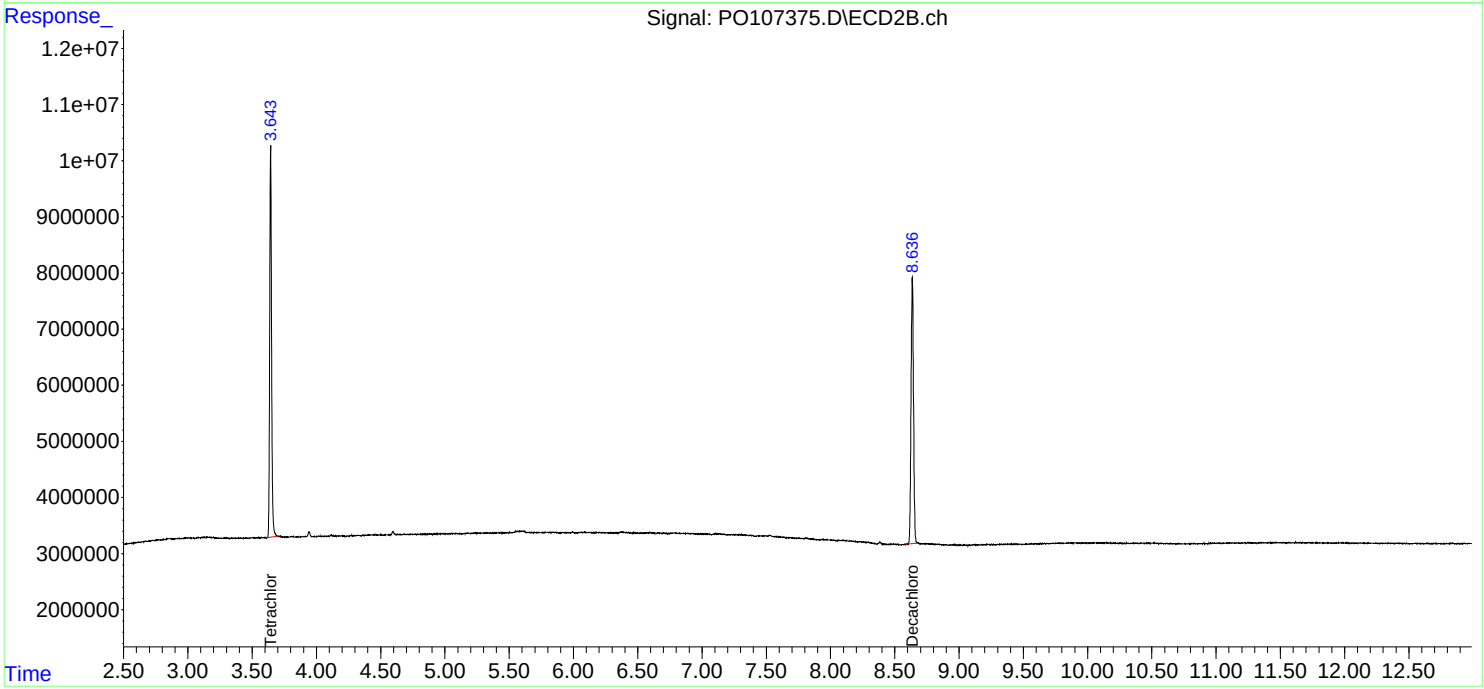
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102524\
Data File : PO107375.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2024 13:10
Operator : YP/AJ
Sample : PB164397BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

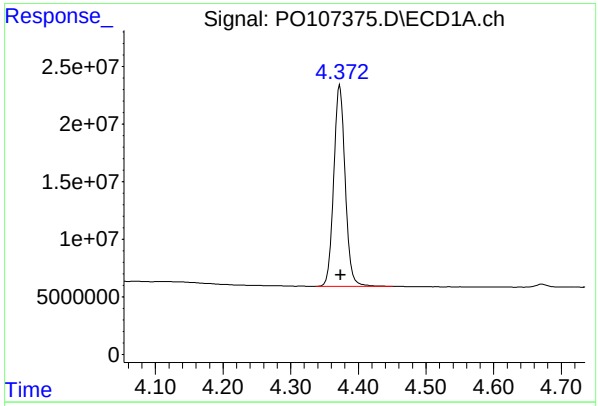
Instrument :
ECD_O
ClientSampleId :
PB164397BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 23:54:21 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:53:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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



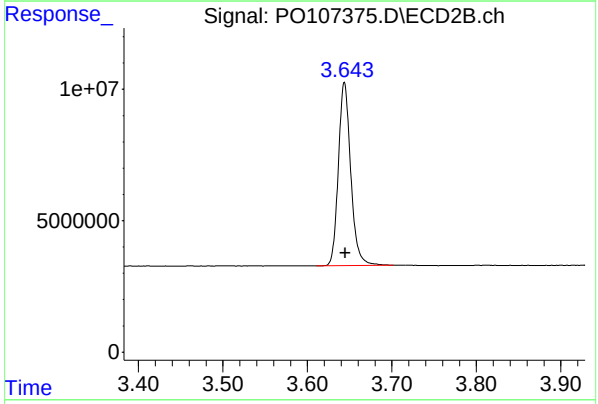




#1 Tetrachloro-m-xylene

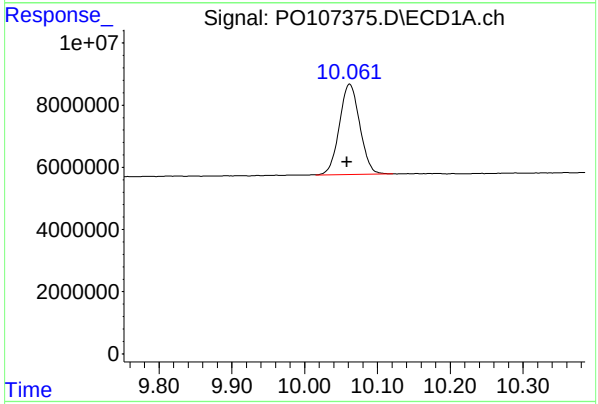
R.T.: 4.372 min
Delta R.T.: -0.002 min
Response: 204431032
Conc: 22.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB164397BL



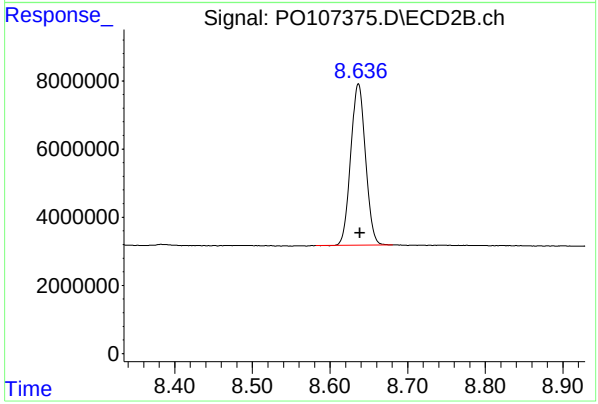
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 71005145
Conc: 22.06 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.062 min
Delta R.T.: 0.004 min
Response: 56386636
Conc: 22.98 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.637 min
Delta R.T.: -0.002 min
Response: 62401989
Conc: 22.76 ng/ml

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	NJ Soil PT	Date Received:	
Client Sample ID:	PB164405BL	SDG No.:	P4495
Lab Sample ID:	PB164405BL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	1.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO107425.D	1	10/25/24 11:30	10/28/24 12:34	PB164405

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	99.7	U	99.7	500	ug/kg
11104-28-2	Aroclor-1221	189	U	189	500	ug/kg
11141-16-5	Aroclor-1232	100	U	100	500	ug/kg
53469-21-9	Aroclor-1242	99.7	U	99.7	500	ug/kg
12672-29-6	Aroclor-1248	232	U	232	500	ug/kg
11097-69-1	Aroclor-1254	80.3	U	80.3	500	ug/kg
37324-23-5	Aroclor-1262	134	U	134	500	ug/kg
11100-14-4	Aroclor-1268	101	U	101	500	ug/kg
11096-82-5	Aroclor-1260	85.6	U	85.6	500	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.4		32 - 144	97%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.8		32 - 175	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_O\Data\PO102824\
Data File : PO107425.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 12:34
Operator : YP/AJ
Sample : PB164405BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB164405BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 13:22:32 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:34:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.370	3.643	172.4E6	62479952	18.921	19.413
2)	SA Decachlor...	10.054	8.634	51013196	55745724	20.793	20.333
	Target Compounds						

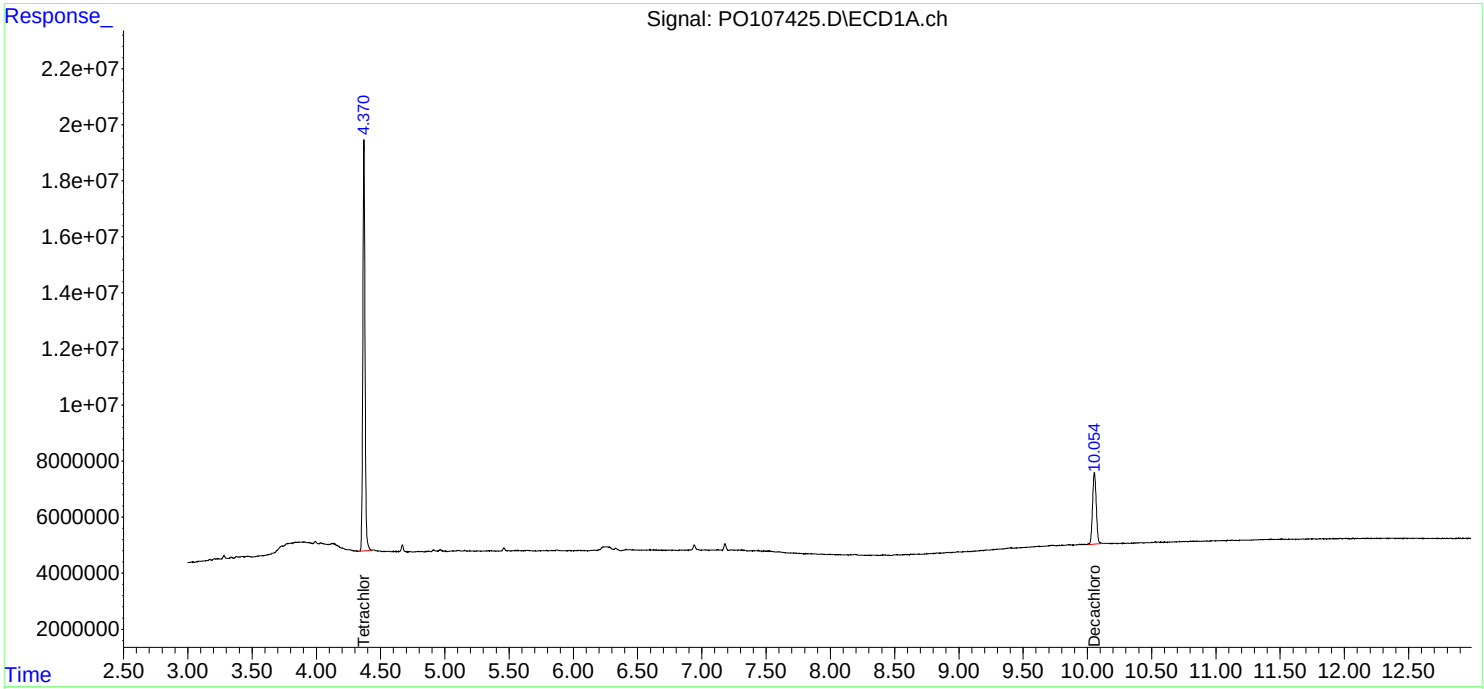
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

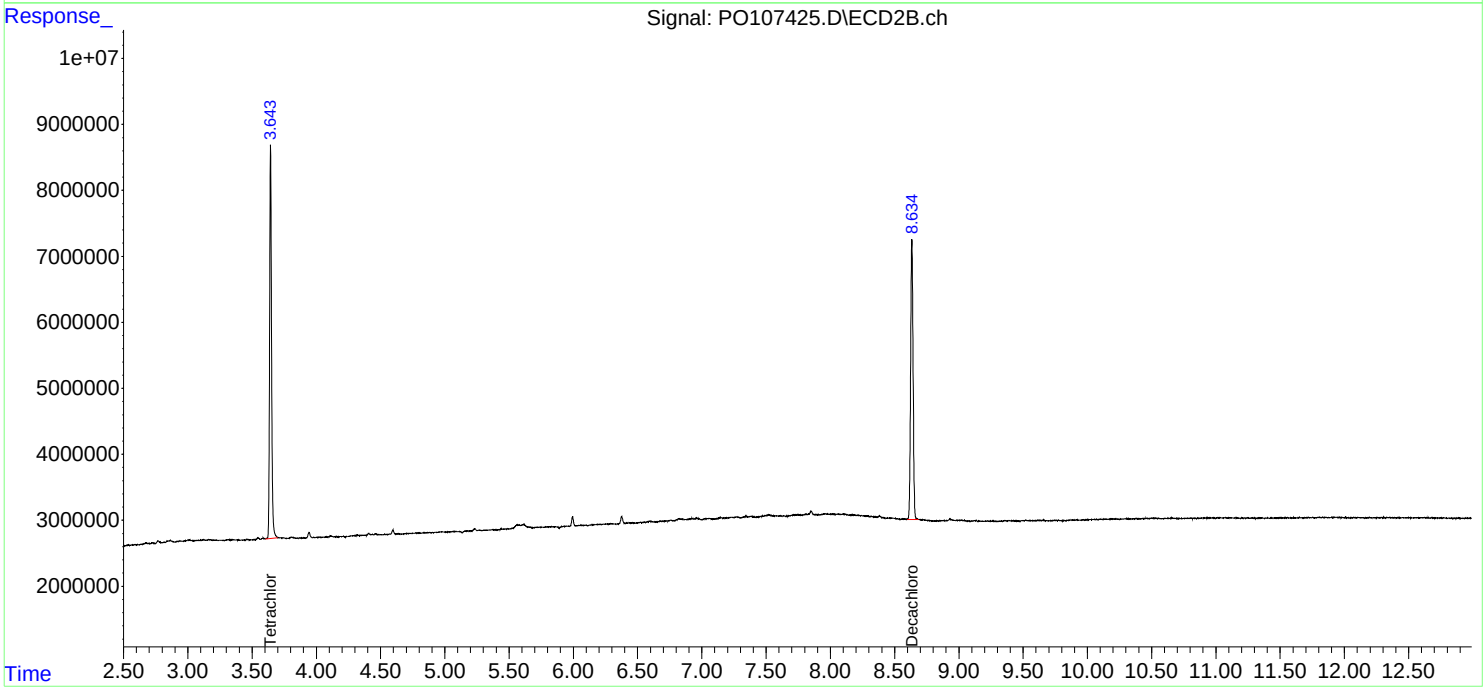
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
Data File : PO107425.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 12:34
Operator : YP/AJ
Sample : PB164405BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

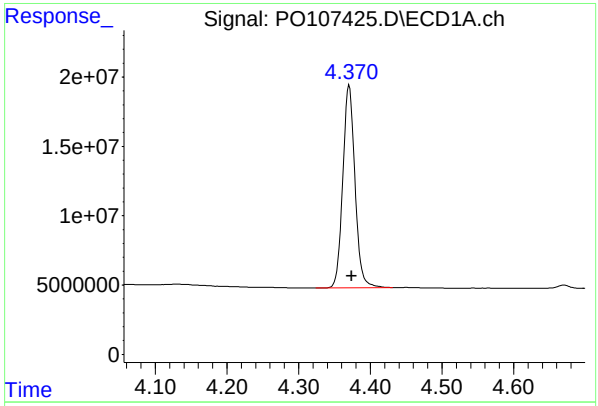
Instrument :
ECD_O
ClientSampleId :
PB164405BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 13:22:32 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:34:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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



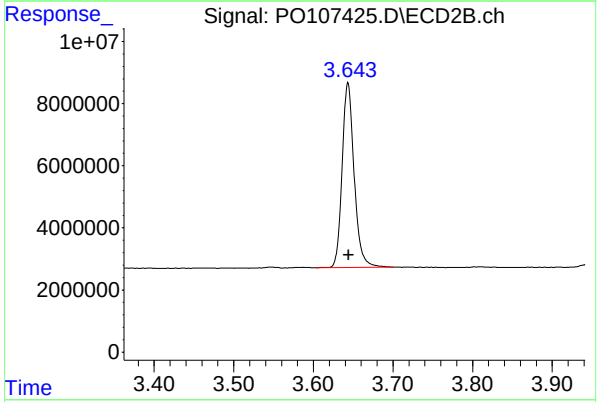




#1 Tetrachloro-m-xylene

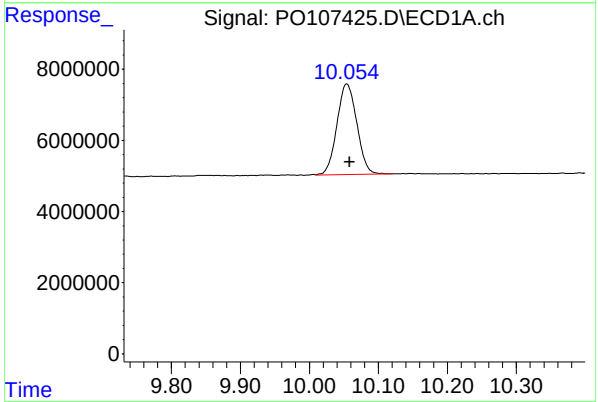
R.T.: 4.370 min
Delta R.T.: -0.004 min
Response: 172446633
Conc: 18.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB164405BL



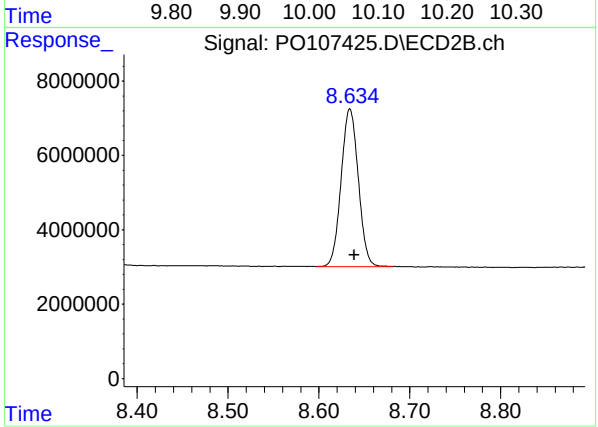
#1 Tetrachloro-m-xylene

R.T.: 3.643 min
Delta R.T.: -0.001 min
Response: 62479952
Conc: 19.41 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.054 min
Delta R.T.: -0.004 min
Response: 51013196
Conc: 20.79 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.634 min
Delta R.T.: -0.005 min
Response: 55745724
Conc: 20.33 ng/ml

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/15/24
Project:	NJ Soil PT	Date Received:	10/15/24
Client Sample ID:	PIBLK-PO107183.D	SDG No.:	P4495
Lab Sample ID:	I.BLK-PO107183.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO107183.D	1		10/15/24	po101524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.1		60 - 140	110%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.8		60 - 140	114%	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_O\Data\PO101524\
Data File : PO107183.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 18:08
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 04:56:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:53:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.373	3.644	204.9E6	71065652	22.480	22.080
2)	SA Decachlor...	10.057	8.638	57445703	62504934	23.415	22.799
	Target Compounds						

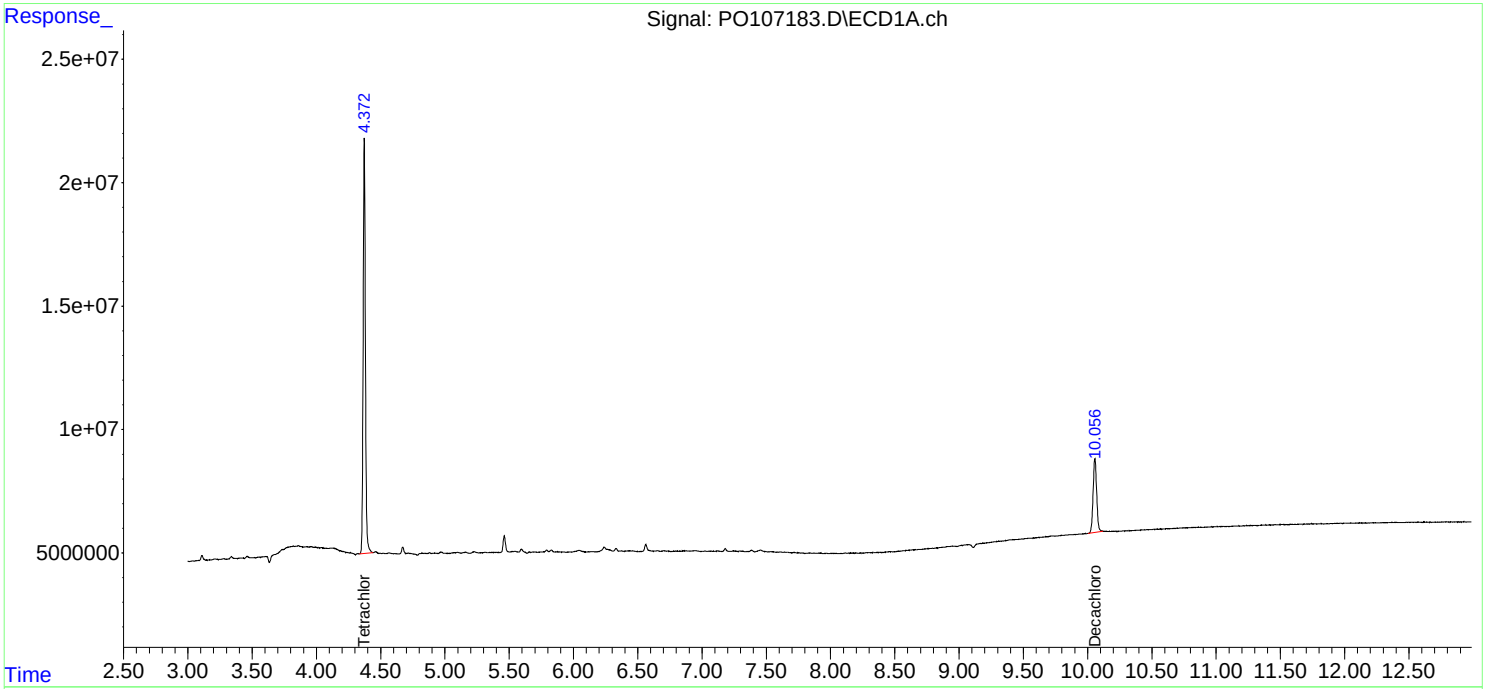
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

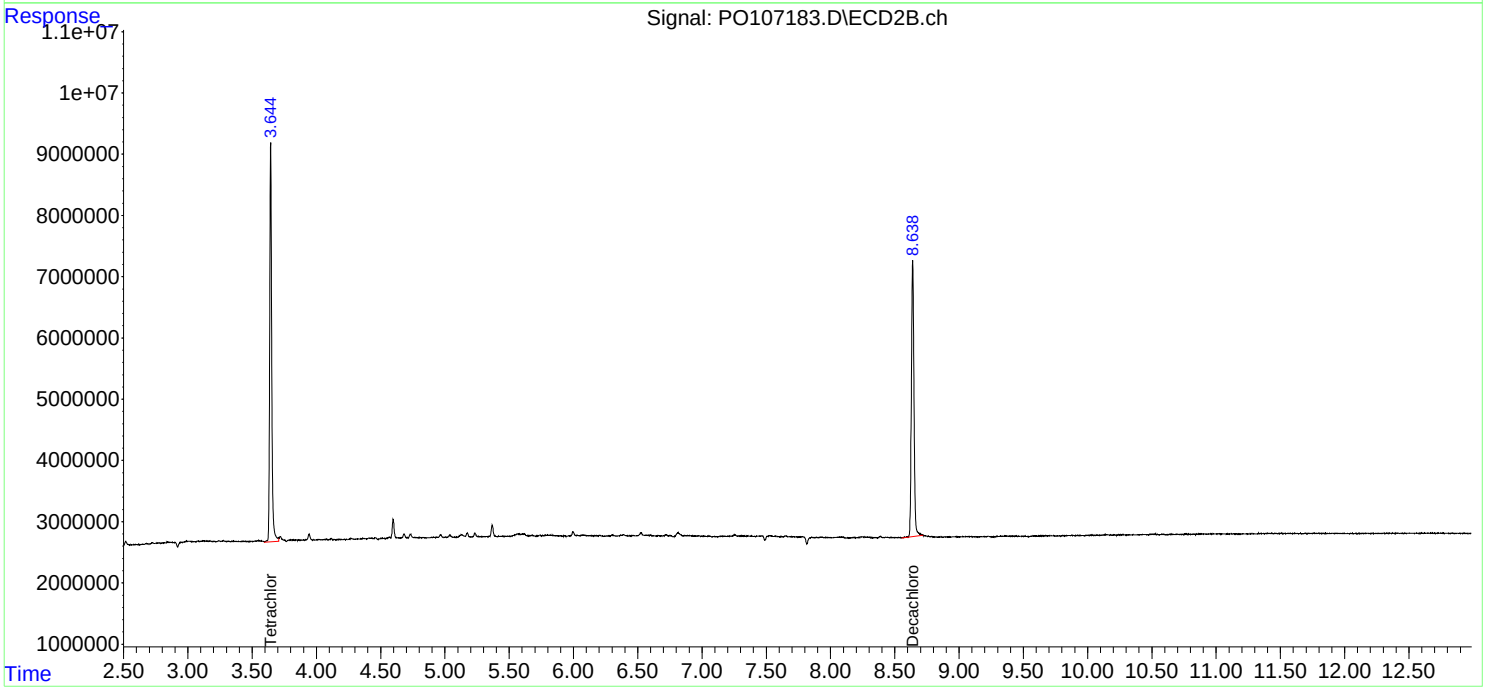
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101524\
Data File : PO107183.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 18:08
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

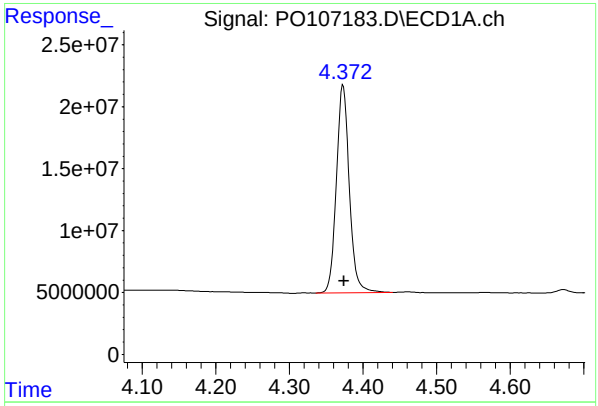
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 04:56:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:53:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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



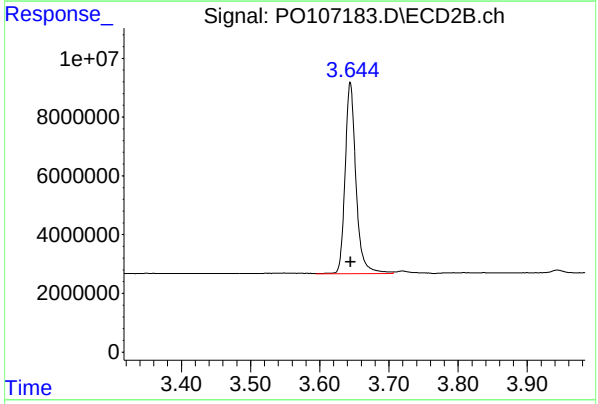




#1 Tetrachloro-m-xylene

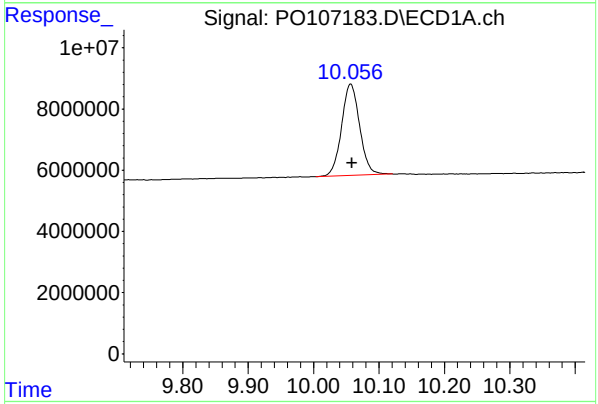
R.T.: 4.373 min
Delta R.T.: -0.001 min
Response: 204884980
Conc: 22.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



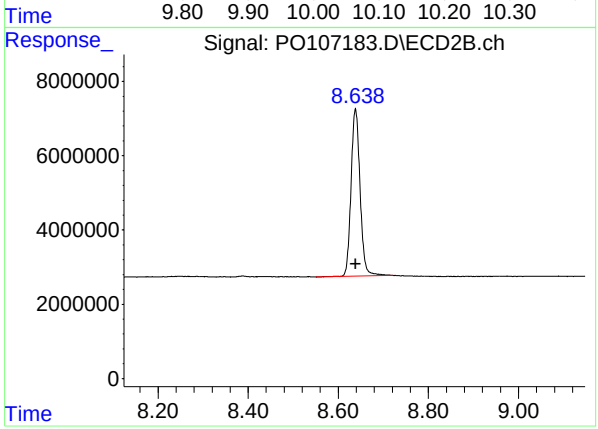
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 71065652
Conc: 22.08 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.057 min
Delta R.T.: -0.002 min
Response: 57445703
Conc: 23.41 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.638 min
Delta R.T.: 0.000 min
Response: 62504934
Conc: 22.80 ng/ml

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/25/24
Project:	NJ Soil PT	Date Received:	10/25/24
Client Sample ID:	PIBLK-PO107374.D	SDG No.:	P4495
Lab Sample ID:	I.BLK-PO107374.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO107374.D	1		10/25/24	PO102524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.5		60 - 140	108%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.7		60 - 140	108%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102524\
Data File : PO107374.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2024 10:59
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 23:53:44 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:53:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.372	3.644	196.5E6	69230976	21.557	21.510
2)	SA Decachlor...	10.060	8.636	53138623	59726852	21.659	21.785
	Target Compounds						

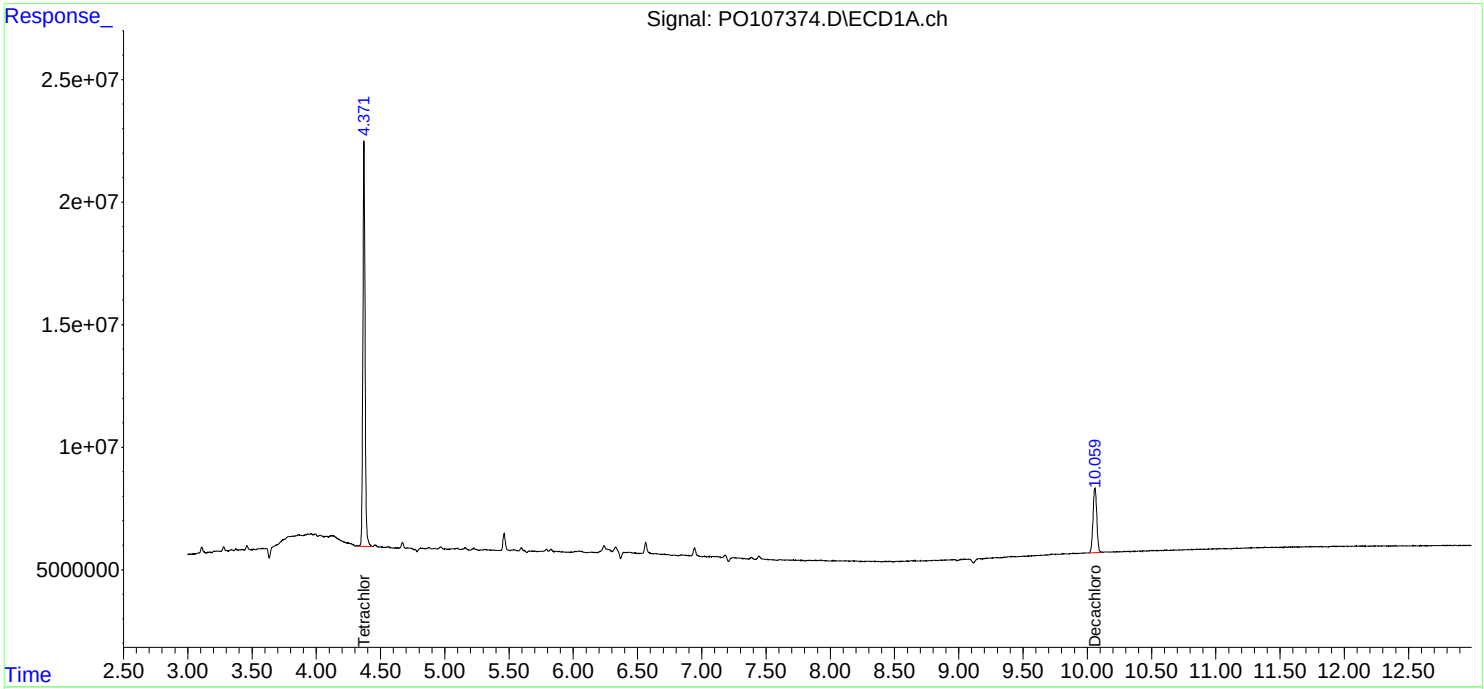
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

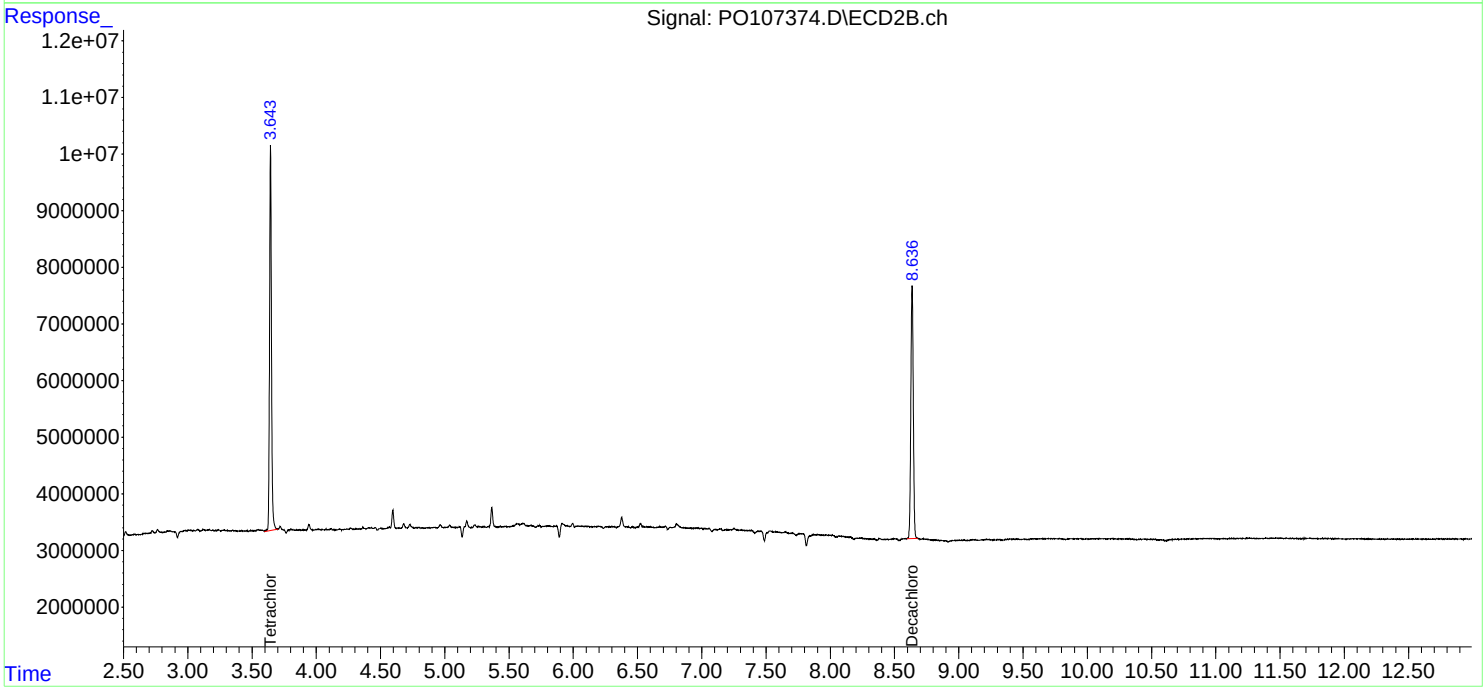
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102524\
Data File : PO107374.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2024 10:59
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

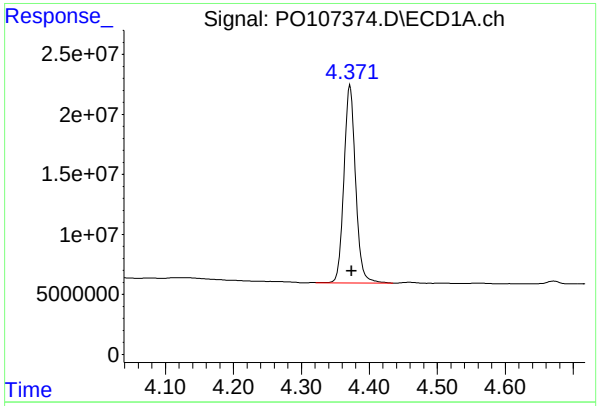
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 23:53:44 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:53:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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



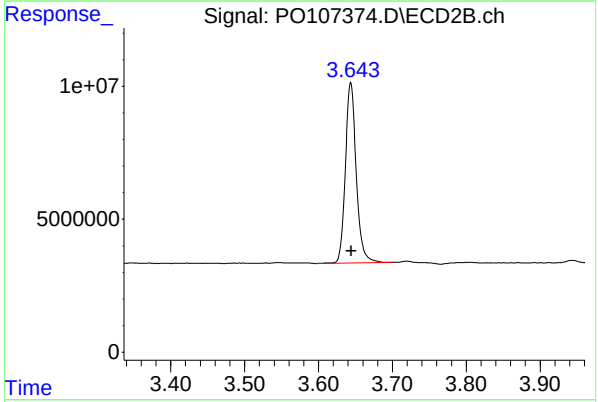




#1 Tetrachloro-m-xylene

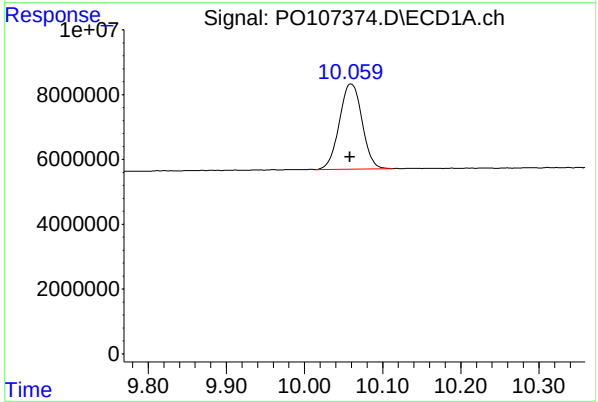
R.T.: 4.372 min
Delta R.T.: -0.002 min
Response: 196465321
Conc: 21.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



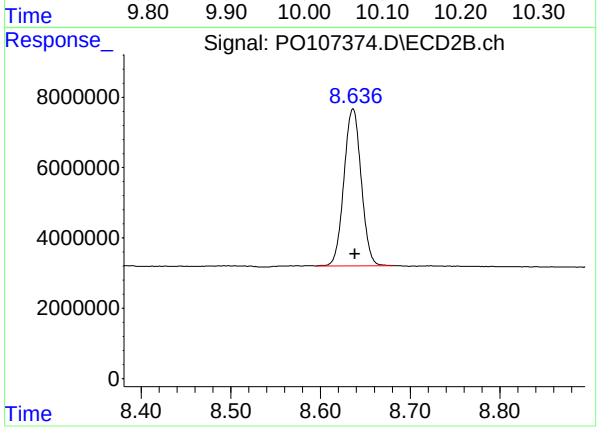
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 69230976
Conc: 21.51 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.060 min
Delta R.T.: 0.001 min
Response: 53138623
Conc: 21.66 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.636 min
Delta R.T.: -0.002 min
Response: 59726852
Conc: 21.79 ng/ml

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/25/24
Project:	NJ Soil PT	Date Received:	10/25/24
Client Sample ID:	PIBLK-PO107386.D	SDG No.:	P4495
Lab Sample ID:	I.BLK-PO107386.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO107386.D	1		10/25/24	PO102524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.0		60 - 140	110%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.6		60 - 140	113%	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_O\Data\PO102524\
Data File : PO107386.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2024 17:01
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 26 00:01:07 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:53:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.372	3.644	203.3E6	70850348	22.307	22.013
2)	SA Decachlor...	10.063	8.637	55406500	62563667	22.584	22.820
	Target Compounds						

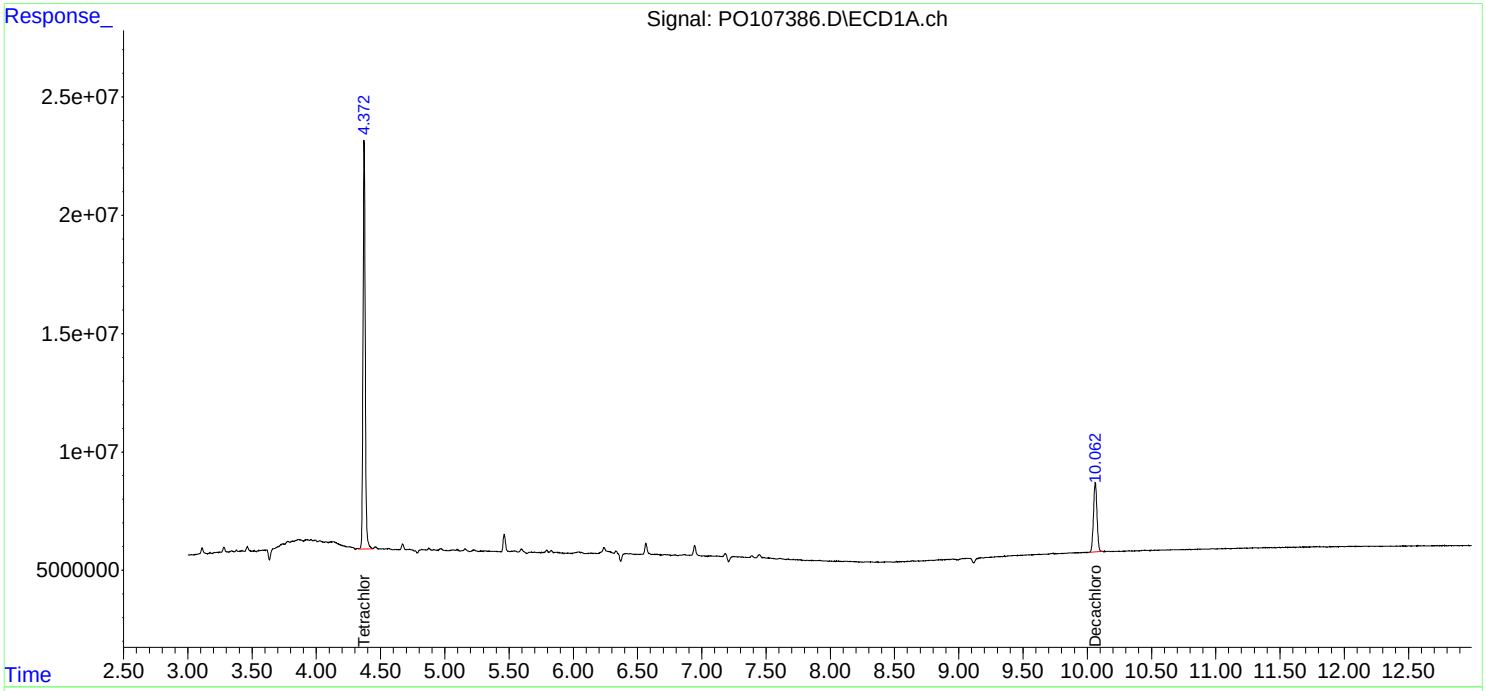
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

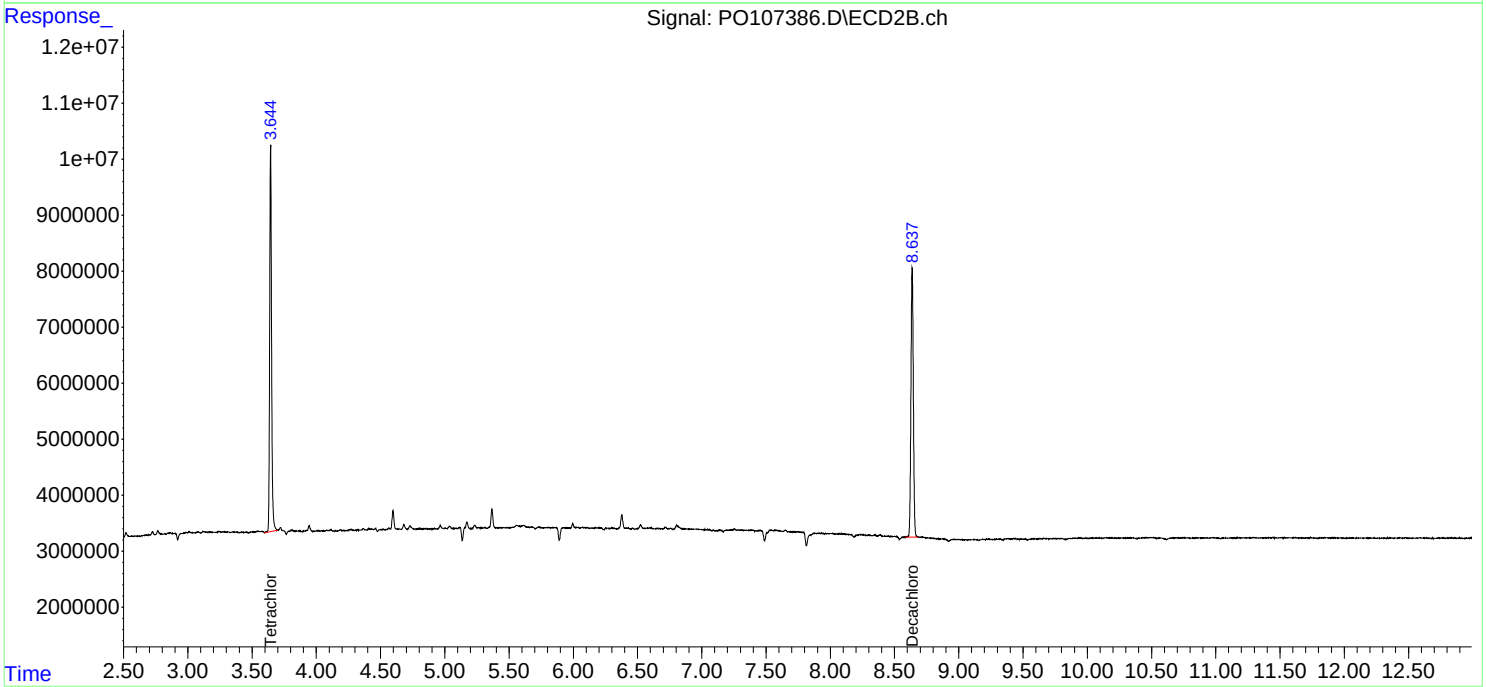
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102524\
Data File : PO107386.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2024 17:01
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

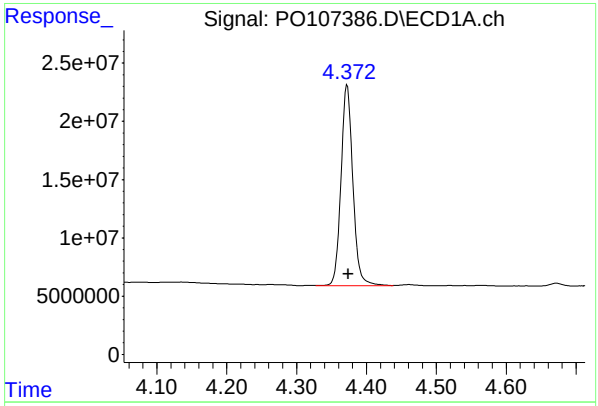
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 26 00:01:07 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:53:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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



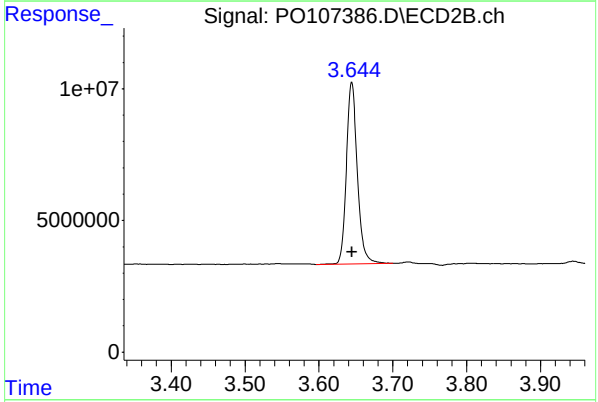




#1 Tetrachloro-m-xylene

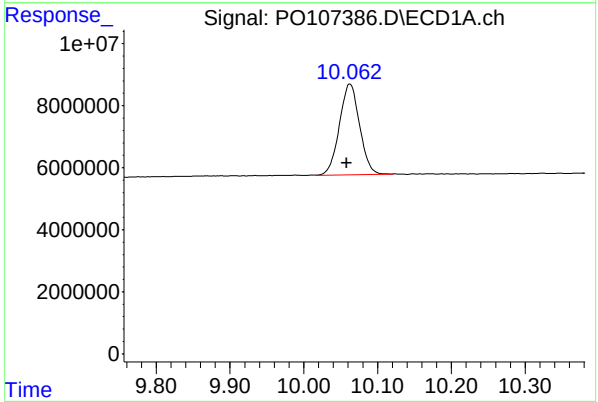
R.T.: 4.372 min
Delta R.T.: -0.002 mi
Response: 203303268
Conc: 22.31 ng/m

Instrument :
ECD_O
ClientSampleId :
I.BLK



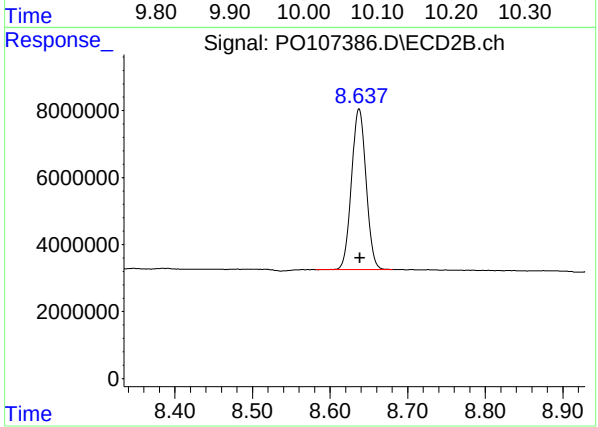
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 70850348
Conc: 22.01 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.063 min
Delta R.T.: 0.004 min
Response: 55406500
Conc: 22.58 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.637 min
Delta R.T.: -0.001 min
Response: 62563667
Conc: 22.82 ng/ml

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/25/24
Project:	NJ Soil PT	Date Received:	10/25/24
Client Sample ID:	PIBLK-PO107401.D	SDG No.:	P4495
Lab Sample ID:	I.BLK-PO107401.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO107401.D	1		10/25/24	PO102524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.0		60 - 140	110%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.2		60 - 140	101%	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_O\Data\PO102524\
Data File : PO107401.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2024 22:01
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 26 00:10:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:53:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.373	3.644	201.6E6	70890080	22.122	22.026
2)	SA Decachlor...	10.061	8.638	51938327	55370972	21.170	20.197
	Target Compounds						

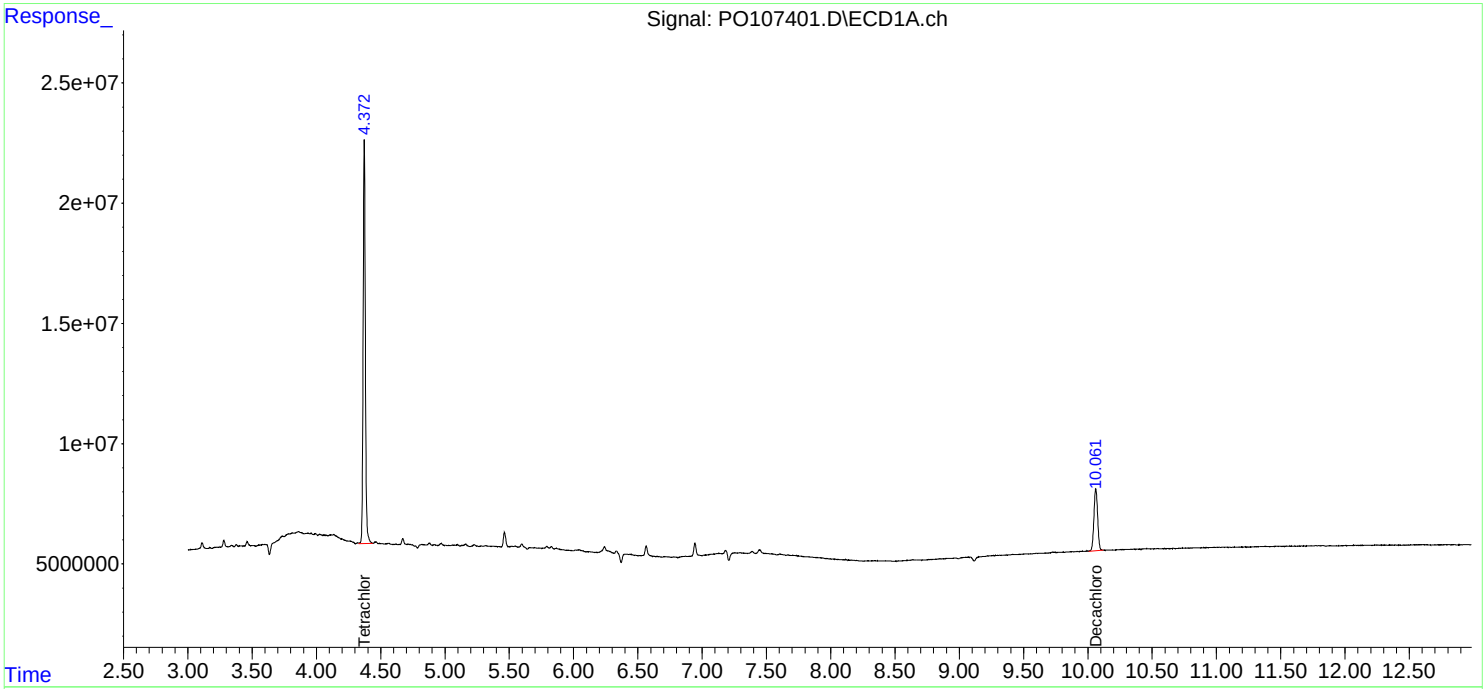
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

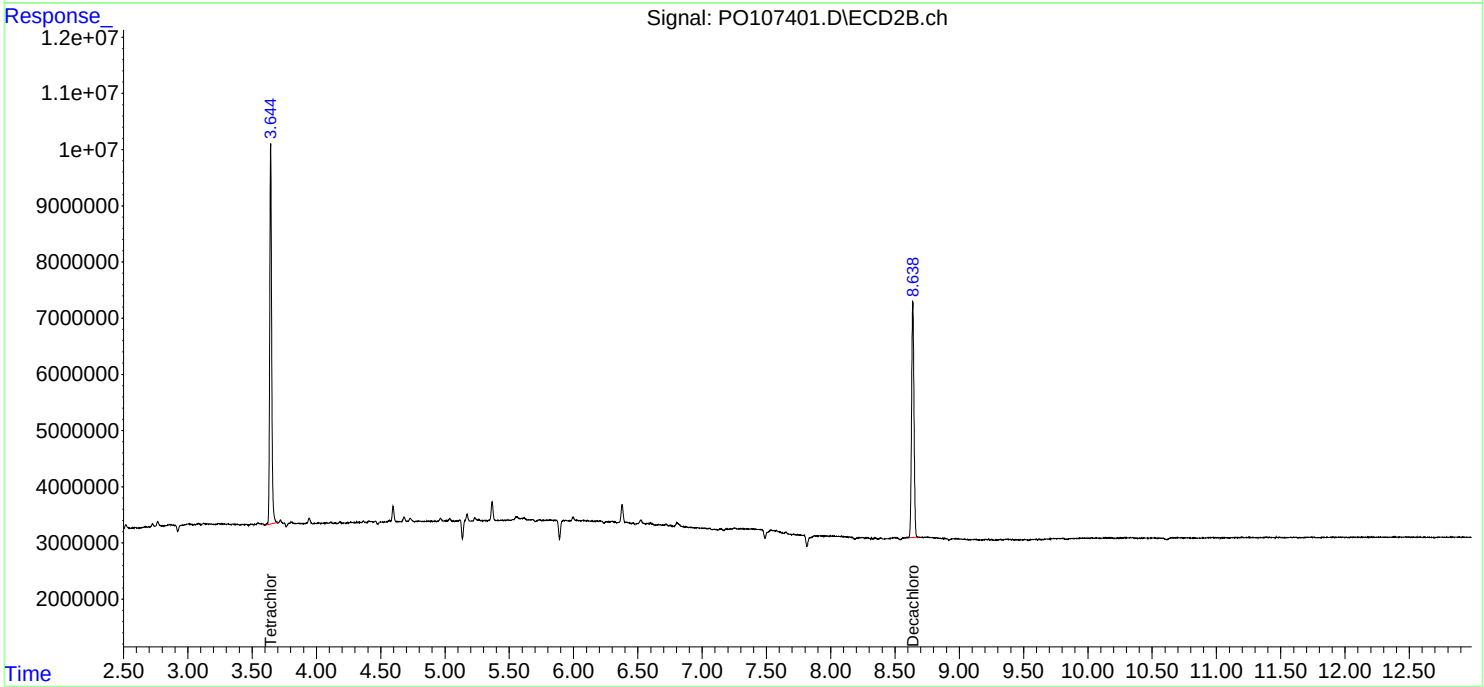
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102524\
Data File : PO107401.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2024 22:01
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

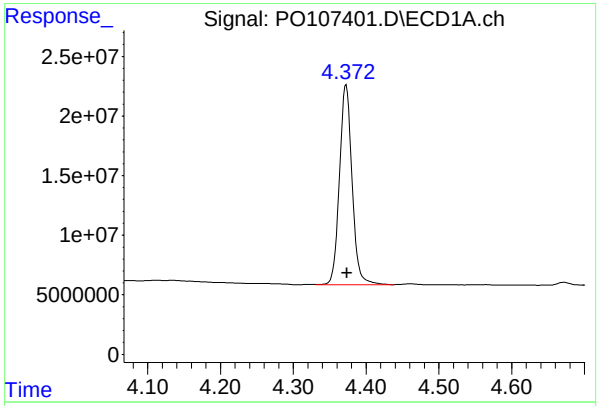
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 26 00:10:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:53:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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



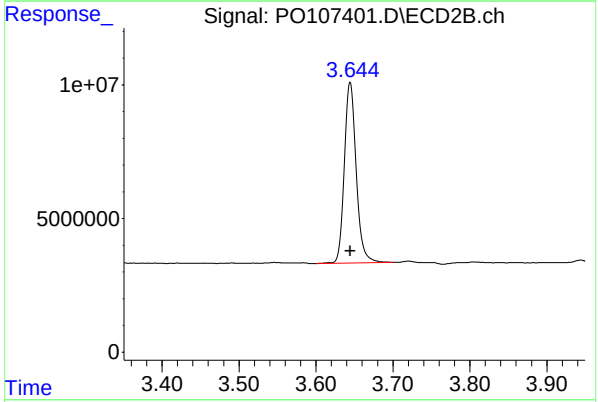




#1 Tetrachloro-m-xylene

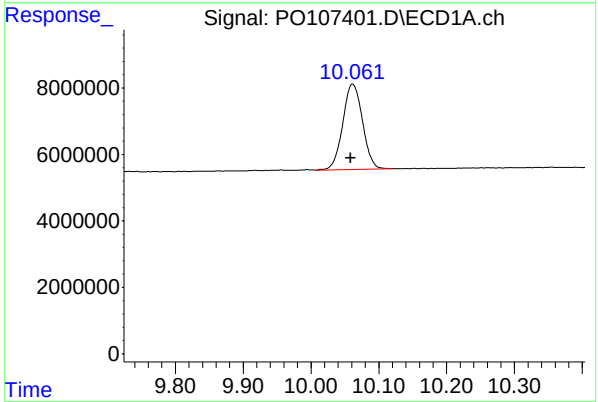
R.T.: 4.373 min
Delta R.T.: -0.001 min
Response: 201614307
Conc: 22.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



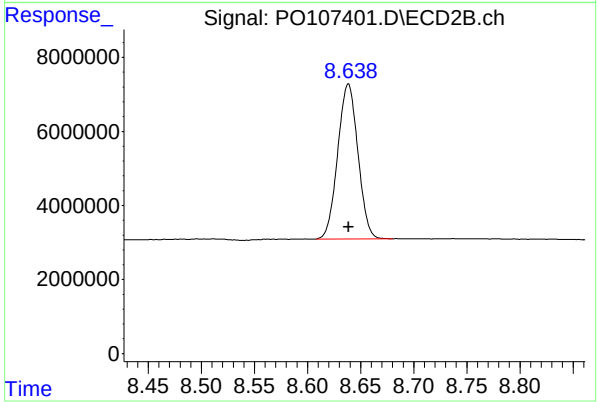
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 70890080
Conc: 22.03 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.061 min
Delta R.T.: 0.003 min
Response: 51938327
Conc: 21.17 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.638 min
Delta R.T.: 0.000 min
Response: 55370972
Conc: 20.20 ng/ml

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/28/24
Project:	NJ Soil PT	Date Received:	10/28/24
Client Sample ID:	PIBLK-PO107414.D	SDG No.:	P4495
Lab Sample ID:	I.BLK-PO107414.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO107414.D	1		10/28/24	PO102824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.9		60 - 140	95%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.4		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_O\Data\PO102824\
Data File : PO107414.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 09:16
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 11:22:43 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:21:42 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.372	3.643	172.5E6	64157848	18.949	19.639
2)	SA Decachlor...	10.058	8.636	48162039	55135030	20.432	20.629
	Target Compounds						

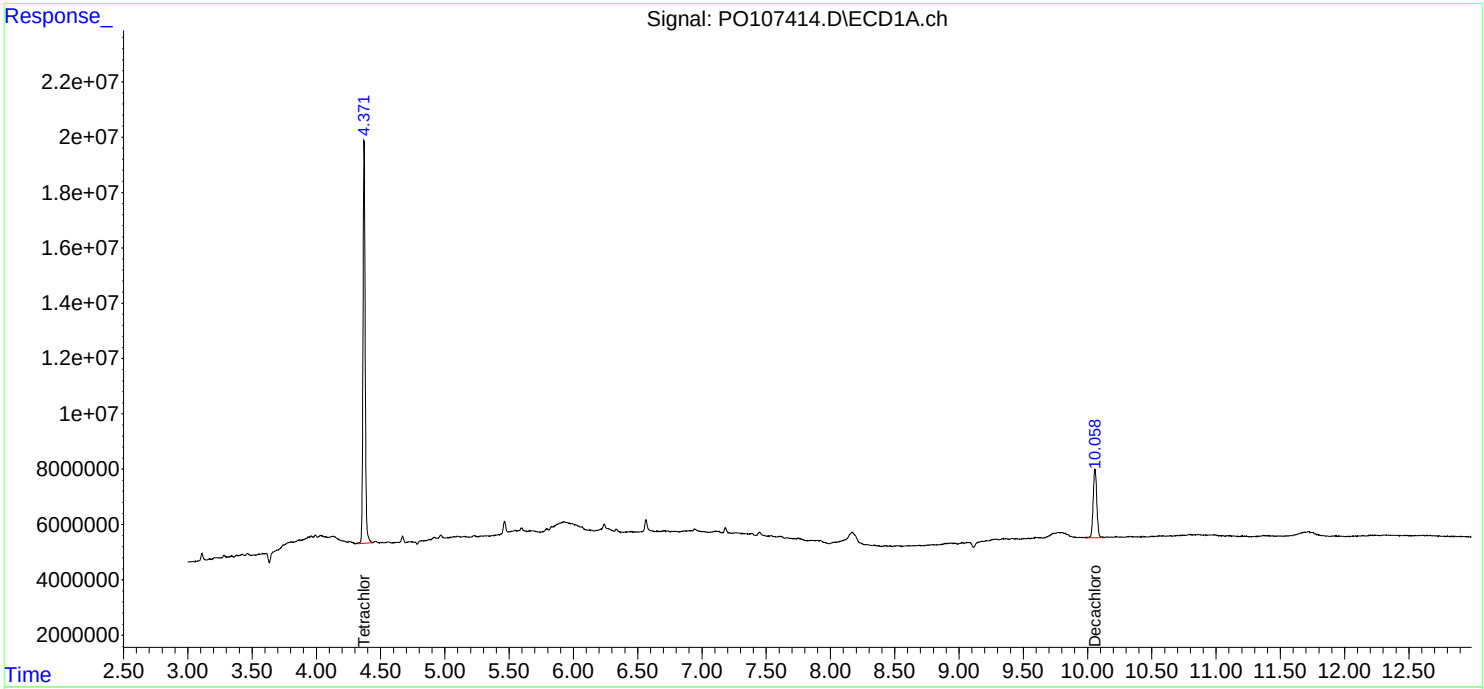
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

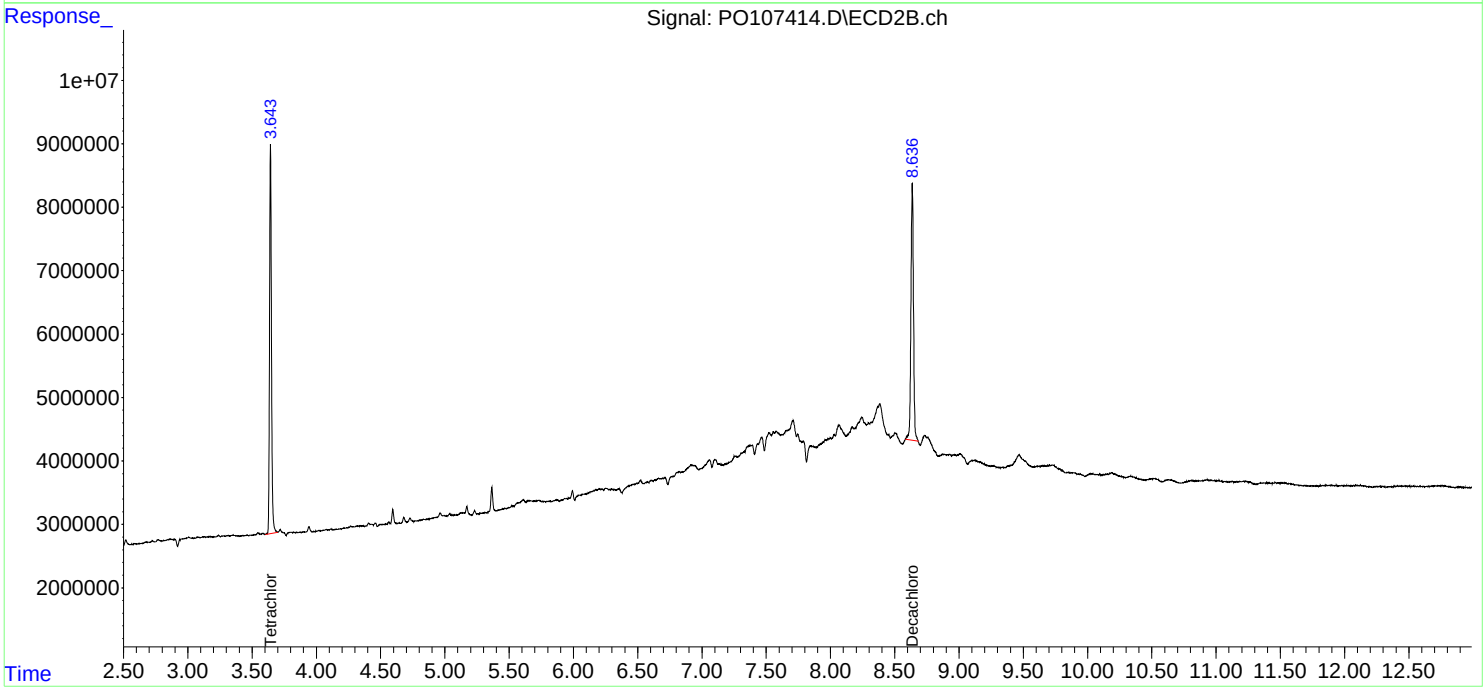
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
Data File : PO107414.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 09:16
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

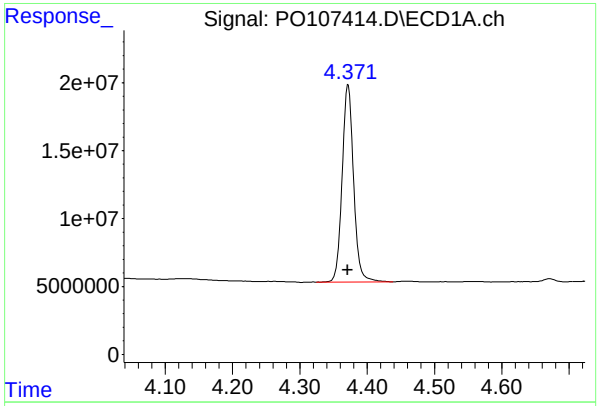
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 11:22:43 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:21:42 2024
Response via : Initial Calibration
Integrator: ChemStation

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



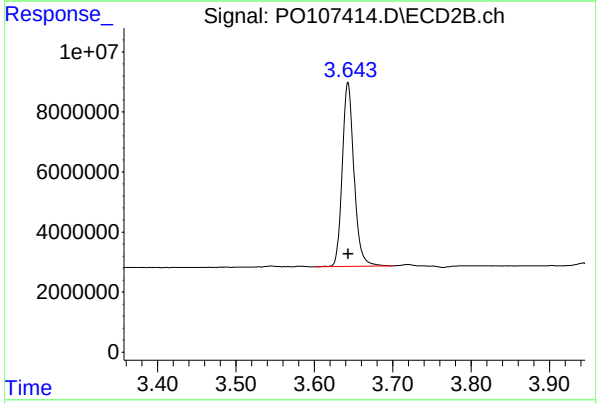




#1 Tetrachloro-m-xylene

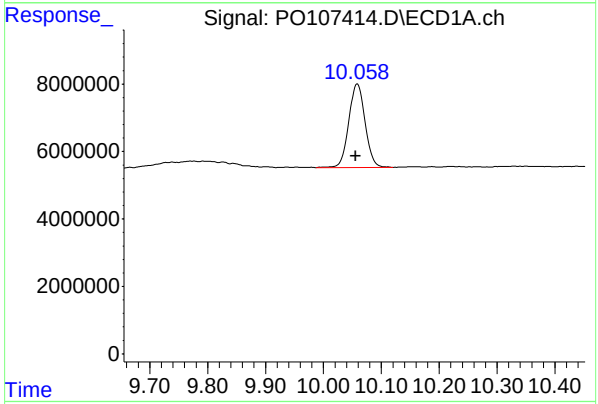
R.T.: 4.372 min
Delta R.T.: 0.000 min
Response: 172548850
Conc: 18.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



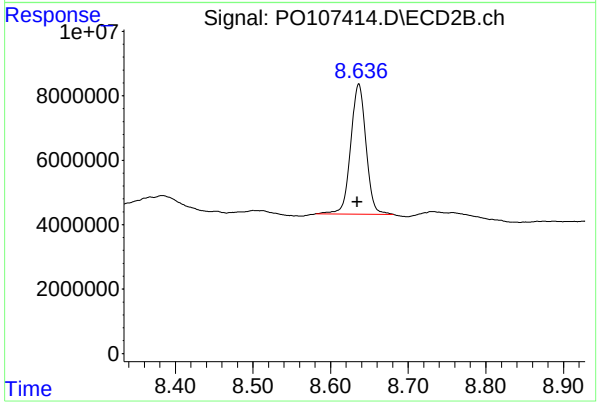
#1 Tetrachloro-m-xylene

R.T.: 3.643 min
Delta R.T.: 0.000 min
Response: 64157848
Conc: 19.64 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.058 min
Delta R.T.: 0.002 min
Response: 48162039
Conc: 20.43 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.636 min
Delta R.T.: 0.002 min
Response: 55135030
Conc: 20.63 ng/ml

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/28/24
Project:	NJ Soil PT	Date Received:	10/28/24
Client Sample ID:	PIBLK-PO107424.D	SDG No.:	P4495
Lab Sample ID:	I.BLK-PO107424.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO107424.D	1		10/28/24	PO102824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.3		60 - 140	96%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.6		60 - 140	98%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
Data File : PO107424.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 12:16
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 12:42:55 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:34:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.371	3.644	175.6E6	63194165	19.270	19.635
2)	SA Decachlor...	10.054	8.634	49459091	53777513	20.160	19.615
	Target Compounds						

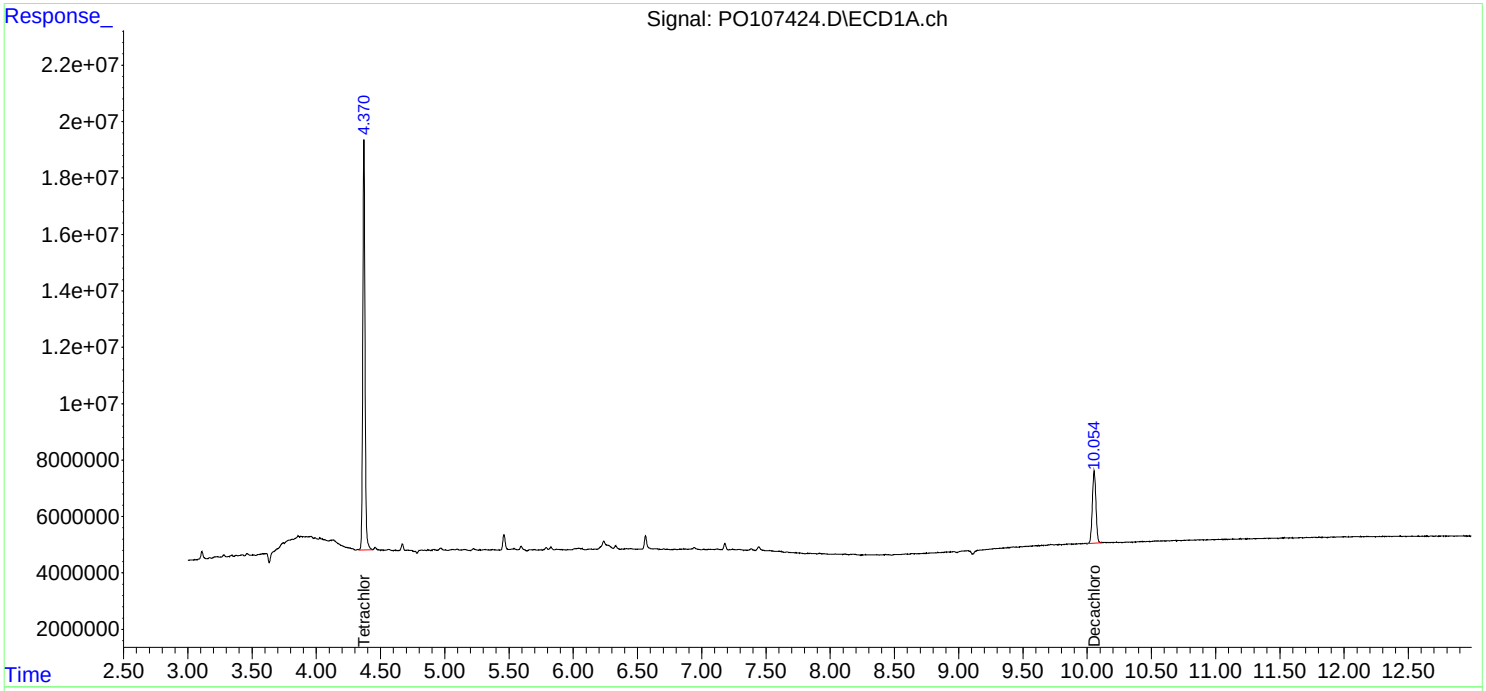
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

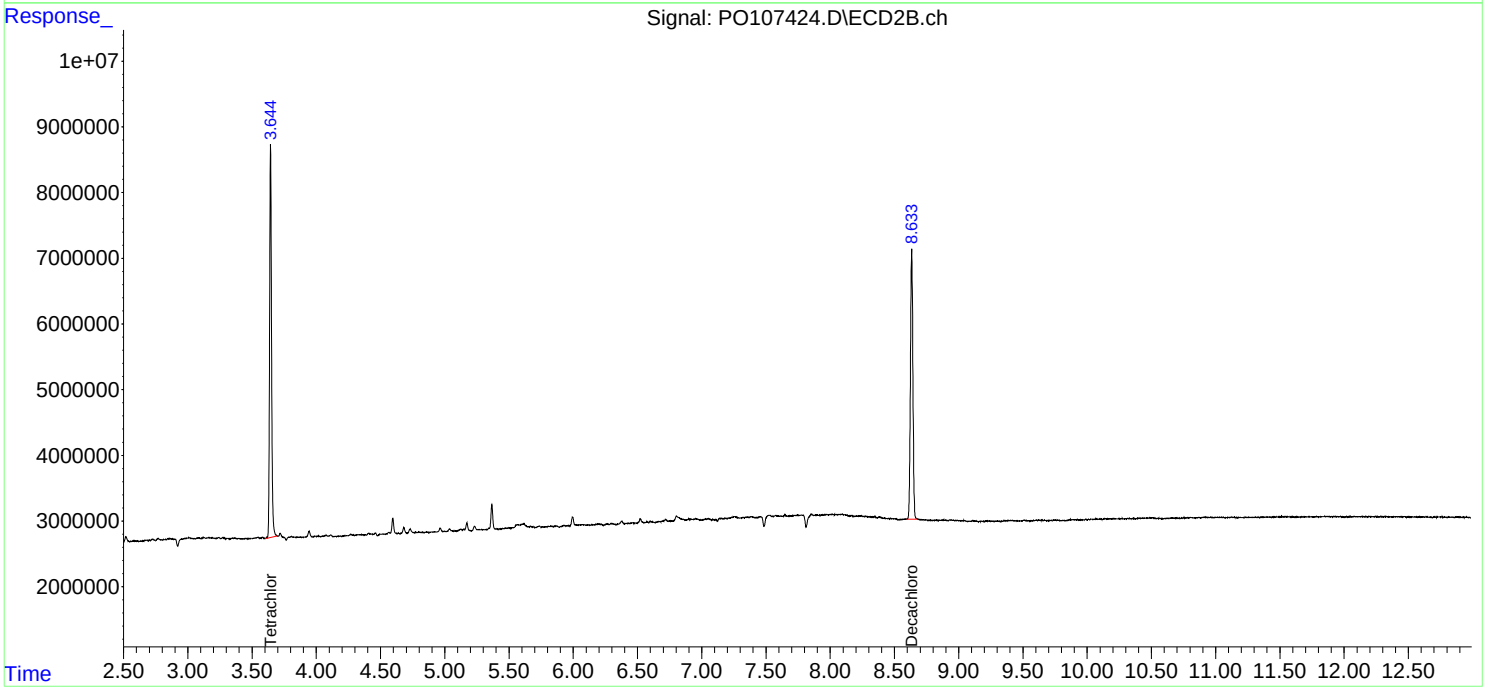
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
Data File : PO107424.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 12:16
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

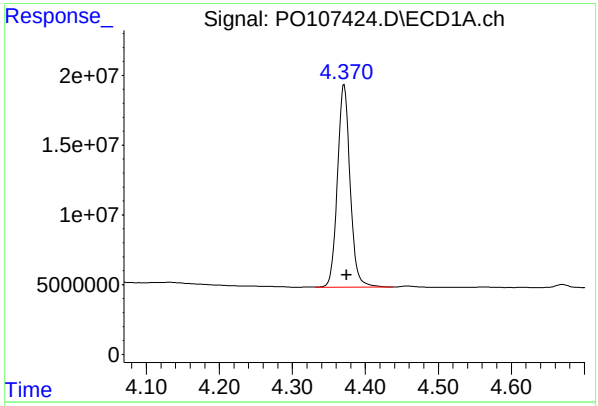
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 12:42:55 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:34:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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



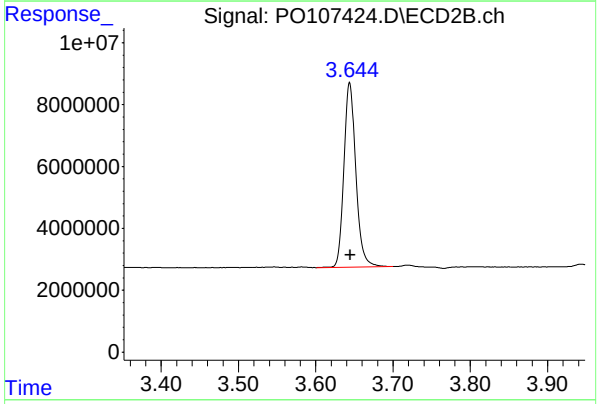




#1 Tetrachloro-m-xylene

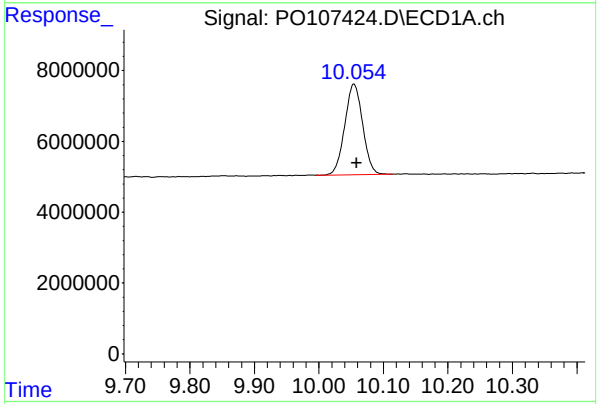
R.T.: 4.371 min
Delta R.T.: -0.003 min
Response: 175628931
Conc: 19.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



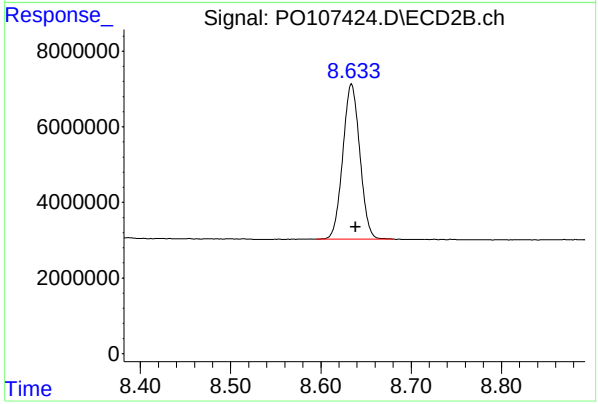
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 63194165
Conc: 19.63 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.054 min
Delta R.T.: -0.004 min
Response: 49459091
Conc: 20.16 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.634 min
Delta R.T.: -0.005 min
Response: 53777513
Conc: 19.62 ng/ml

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/28/24
Project:	NJ Soil PT	Date Received:	10/28/24
Client Sample ID:	PIBLK-PO107440.D	SDG No.:	P4495
Lab Sample ID:	I.BLK-PO107440.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO107440.D	1		10/28/24	po102824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.9		60 - 140	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.4		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_O\Data\PO102824\
Data File : PO107440.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 17:40
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:44:17 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:34:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.371	3.644	181.9E6	65986971	19.955	20.502
2)	SA Decachlor...	10.058	8.634	50293257	55916642	20.500	20.396
	Target Compounds						

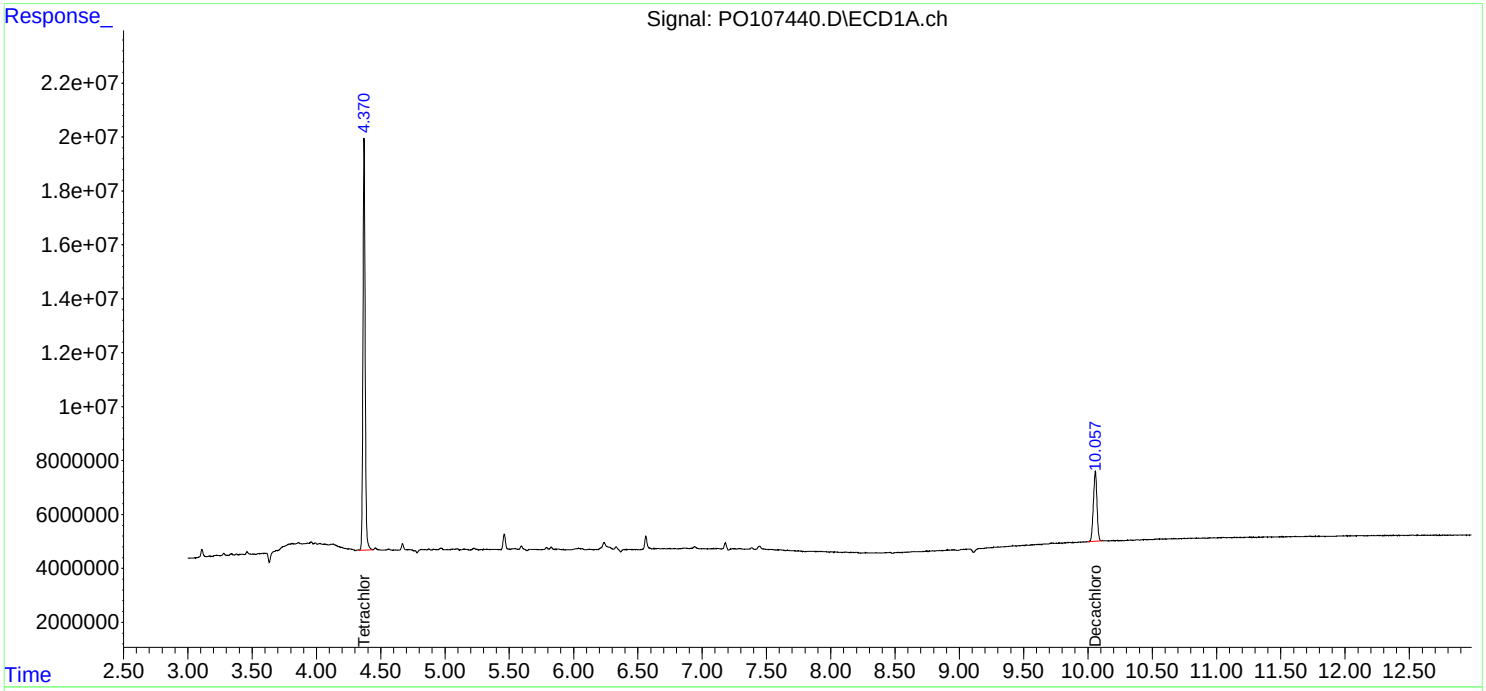
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

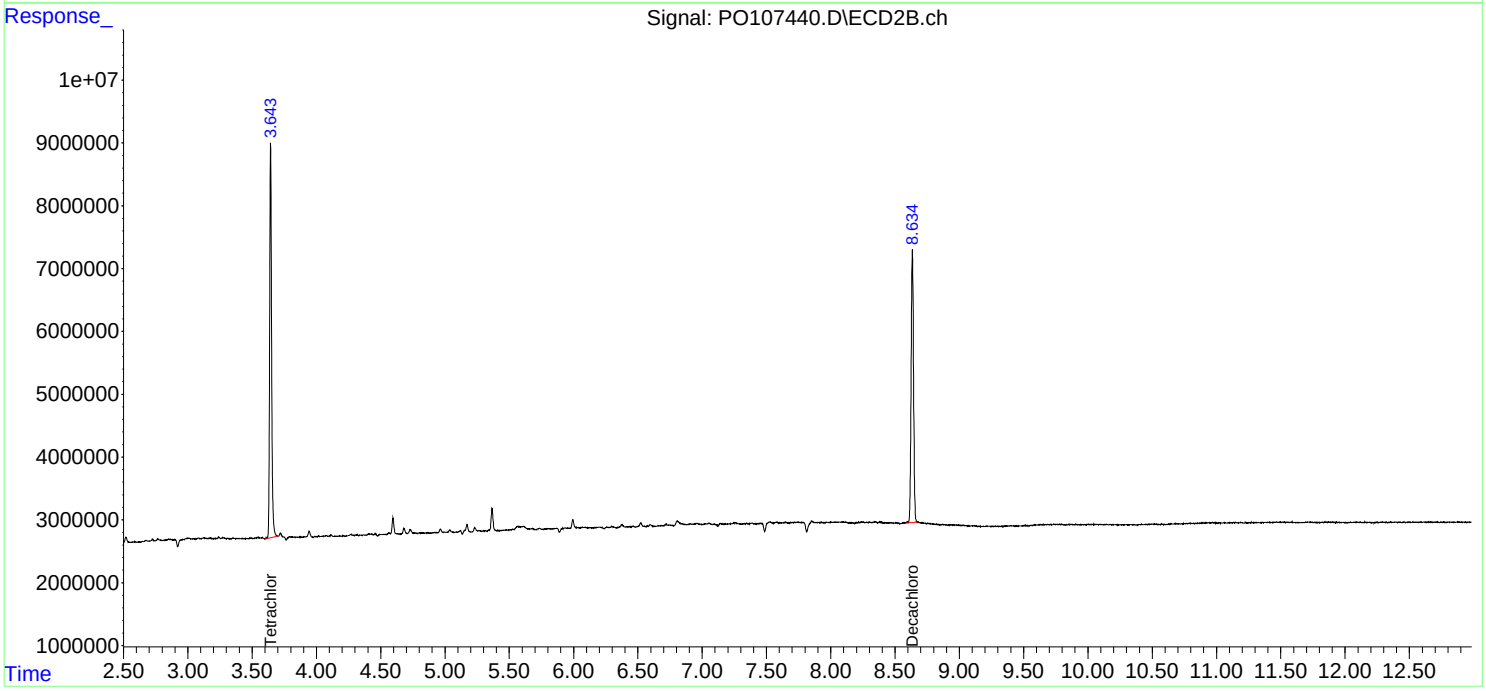
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
Data File : PO107440.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 17:40
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

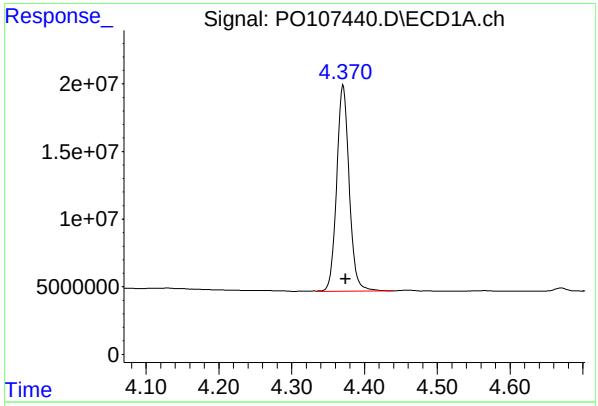
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:44:17 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:34:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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



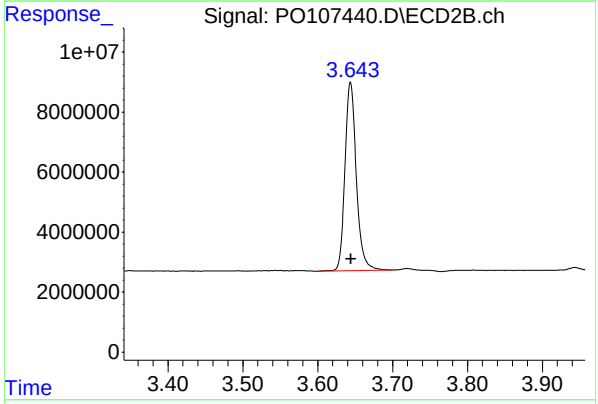




#1 Tetrachloro-m-xylene

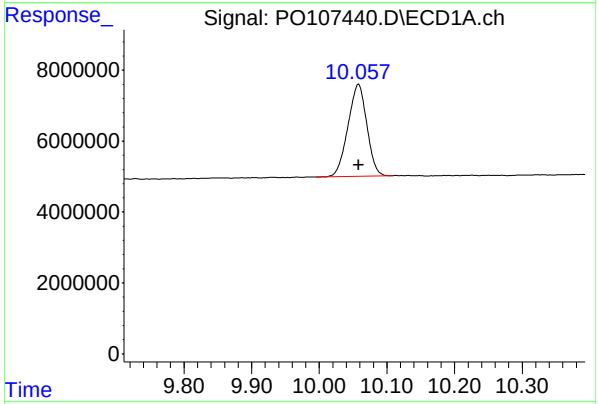
R.T.: 4.371 min
Delta R.T.: -0.003 min
Response: 181866622
Conc: 19.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



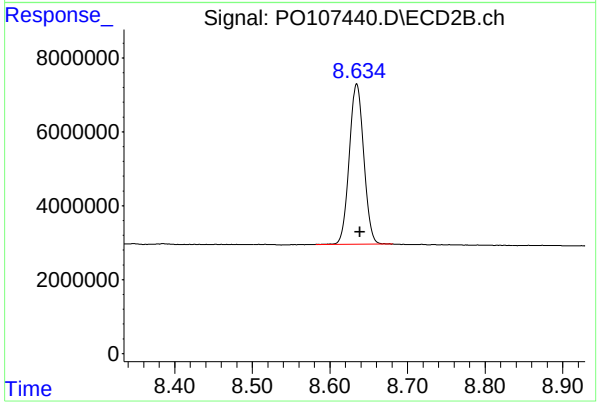
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 65986971
Conc: 20.50 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.058 min
Delta R.T.: 0.000 min
Response: 50293257
Conc: 20.50 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.634 min
Delta R.T.: -0.004 min
Response: 55916642
Conc: 20.40 ng/ml

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	NJ Soil PT	Date Received:	
Client Sample ID:	PB164397BS	SDG No.:	P4495
Lab Sample ID:	PB164397BS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO107376.D	1	10/25/24 09:40	10/25/24 13:28	PB164397

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	160		3.40	17.0	ug/kg
11104-28-2	Aroclor-1221	6.40	U	6.40	17.0	ug/kg
11141-16-5	Aroclor-1232	3.40	U	3.40	17.0	ug/kg
53469-21-9	Aroclor-1242	3.40	U	3.40	17.0	ug/kg
12672-29-6	Aroclor-1248	7.90	U	7.90	17.0	ug/kg
11097-69-1	Aroclor-1254	2.70	U	2.70	17.0	ug/kg
37324-23-5	Aroclor-1262	4.60	U	4.60	17.0	ug/kg
11100-14-4	Aroclor-1268	3.40	U	3.40	17.0	ug/kg
11096-82-5	Aroclor-1260	162		2.90	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.8		32 - 144	109%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.4		32 - 175	112%	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_O\Data\PO102524\
Data File : PO107376.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2024 13:28
Operator : YP/AJ
Sample : PB164397BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB164397BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 23:54:58 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:53:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.372	3.644	199.0E6	65721997	21.836	20.420
2)	SA Decachlor...	10.062	8.636	55089087	61257834	22.454	22.344
	Target Compounds						
3)	L1 AR-1016-1	5.521	4.724	132.4E6	50736086	490.801	491.316
4)	L1 AR-1016-2	5.544	4.744	189.5E6	70076548	477.387	497.110
5)	L1 AR-1016-3	5.606	4.920	118.9E6	36804738	473.306	467.388
6)	L1 AR-1016-4	5.703	4.960	94398473	28983047	490.097	438.417
7)	L1 AR-1016-5	5.997	5.174	86854024	37713419	475.512	459.170
31)	L7 AR-1260-1	7.125	6.205	123.7E6	76670694	478.369	494.157
32)	L7 AR-1260-2	7.381	6.392	127.5E6	92086927	484.349	522.878
33)	L7 AR-1260-3	7.744	6.545	71948114	85476085	400.278	509.550 #
34)	L7 AR-1260-4	7.968	7.016	77416891	63580537	441.112	439.454
35)	L7 AR-1260-5	8.281	7.257	122.4E6	153.7E6	430.281	466.443

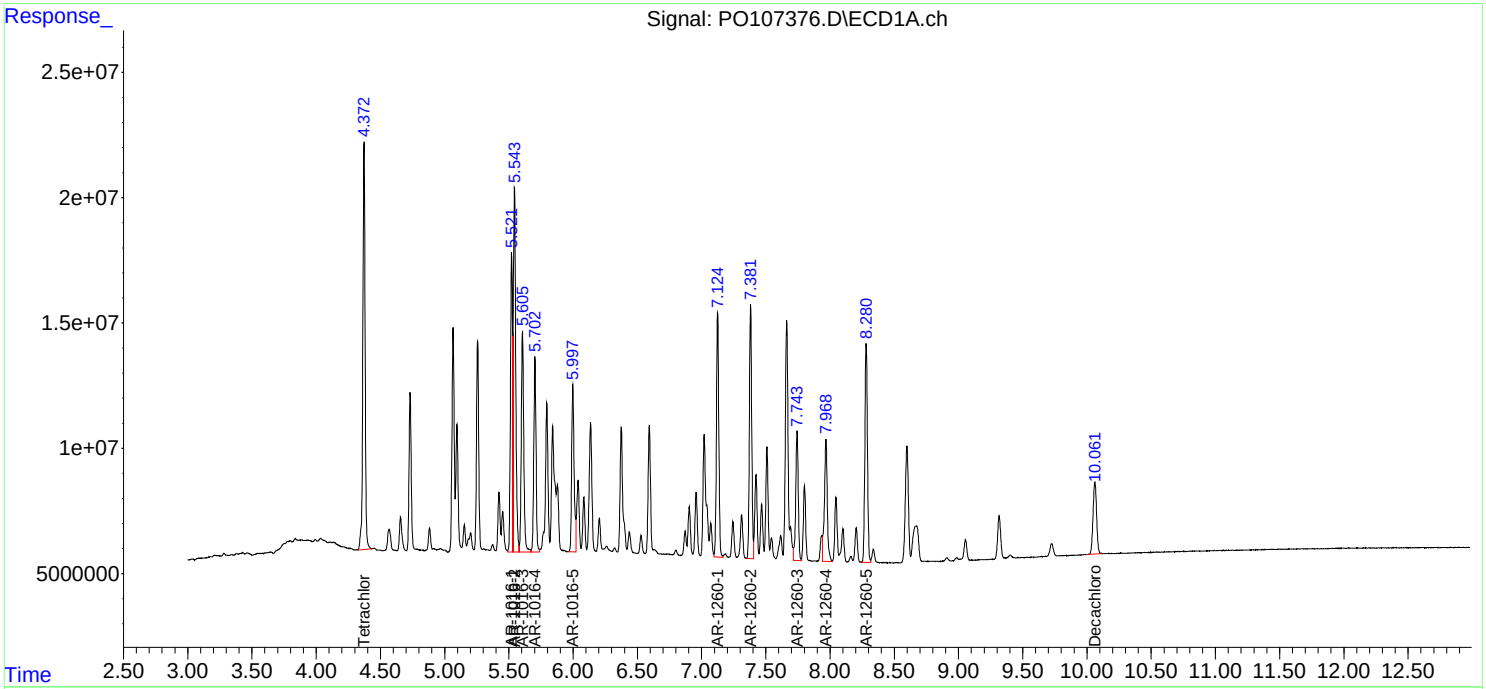
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

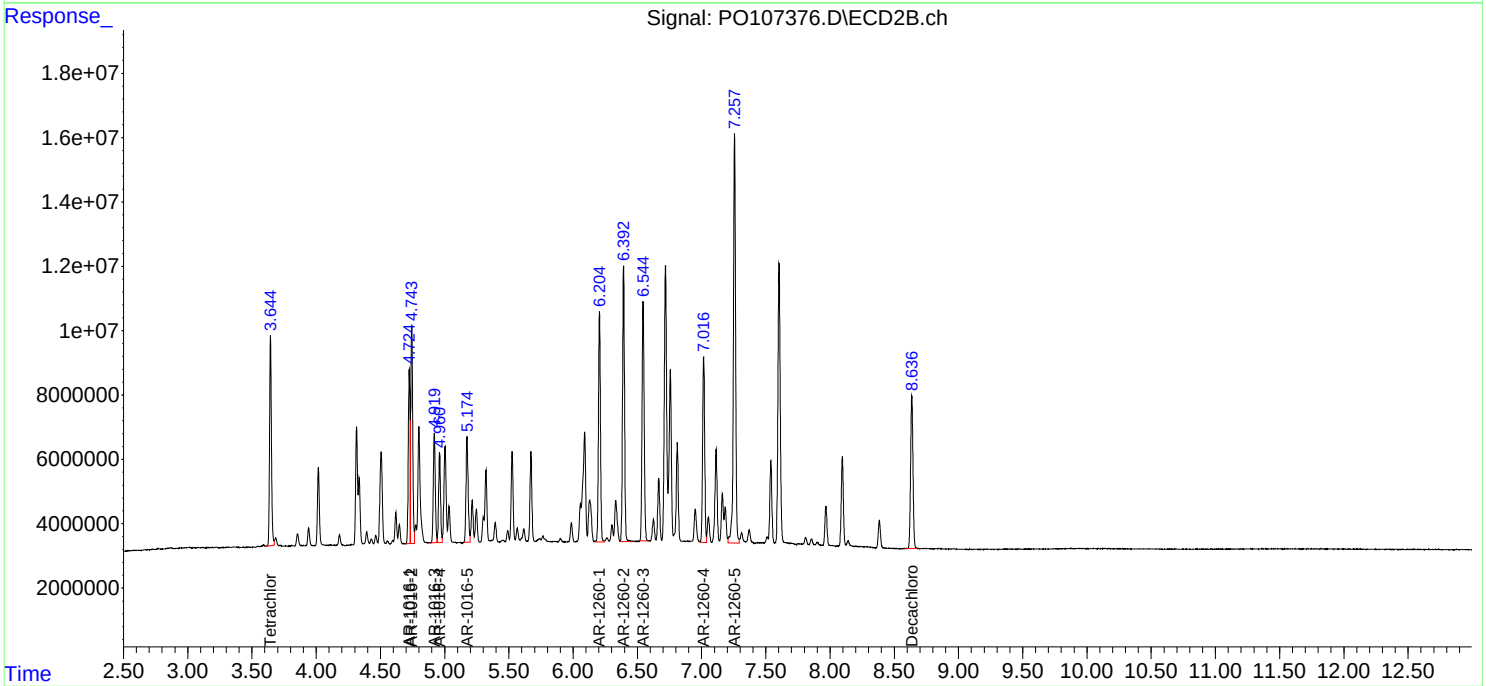
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102524\
Data File : PO107376.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2024 13:28
Operator : YP/AJ
Sample : PB164397BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

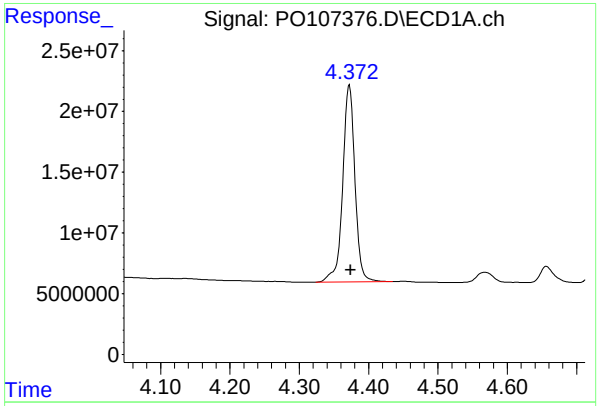
Instrument :
ECD_O
ClientSampleId :
PB164397BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 23:54:58 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:53:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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



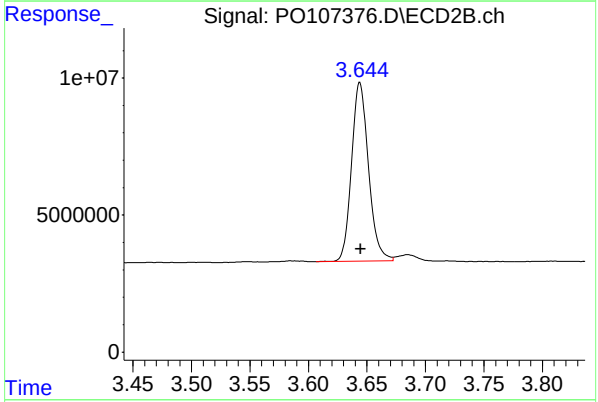




#1 Tetrachloro-m-xylene

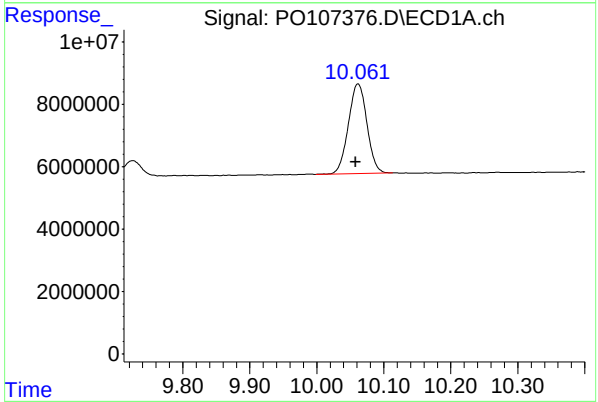
R.T.: 4.372 min
Delta R.T.: -0.002 min
Response: 199013299
Conc: 21.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB164397BS



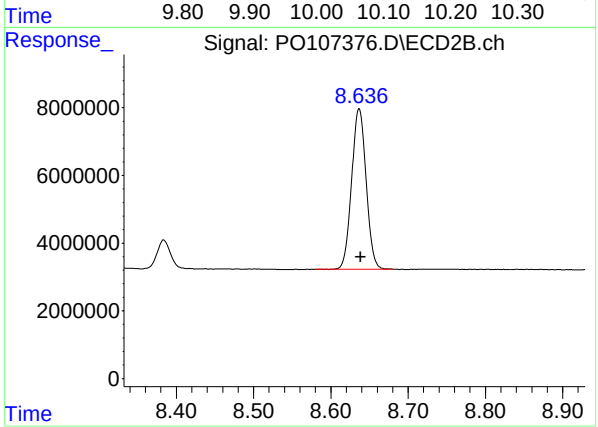
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 65721997
Conc: 20.42 ng/ml



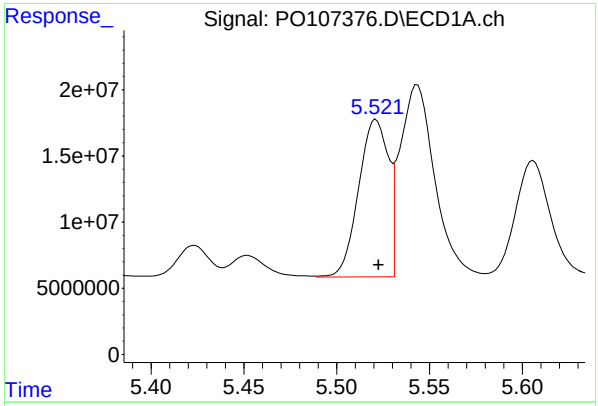
#2 Decachlorobiphenyl

R.T.: 10.062 min
Delta R.T.: 0.003 min
Response: 55089087
Conc: 22.45 ng/ml



#2 Decachlorobiphenyl

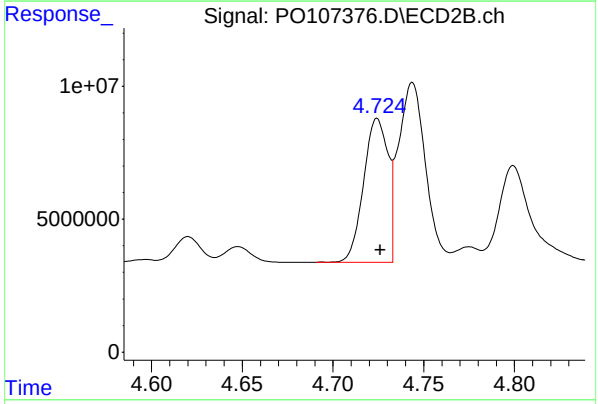
R.T.: 8.636 min
Delta R.T.: -0.002 min
Response: 61257834
Conc: 22.34 ng/ml



#3 AR-1016-1

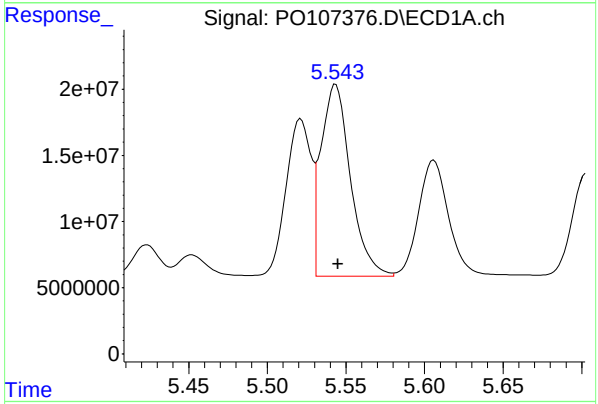
R.T.: 5.521 min
Delta R.T.: -0.001 min
Response: 132425011
Conc: 490.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB164397BS



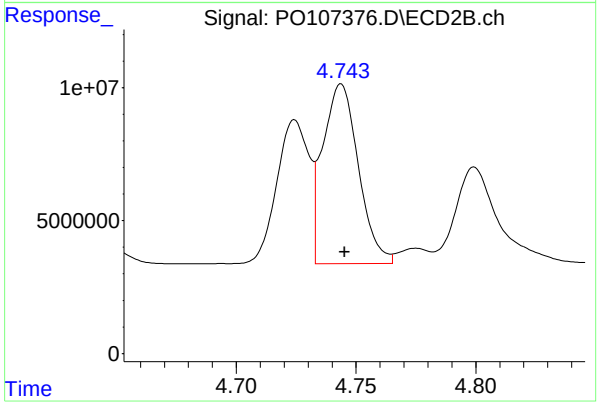
#3 AR-1016-1

R.T.: 4.724 min
Delta R.T.: -0.002 min
Response: 50736086
Conc: 491.32 ng/ml



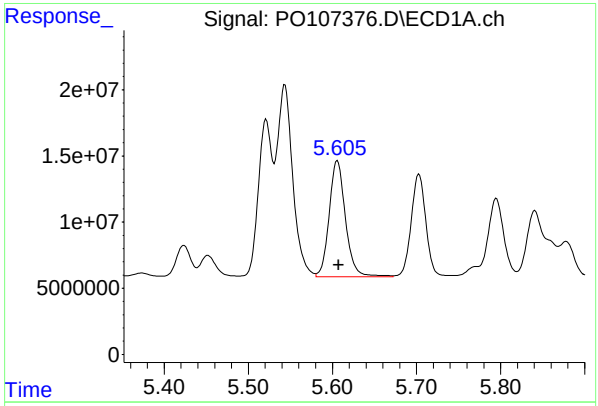
#4 AR-1016-2

R.T.: 5.544 min
Delta R.T.: -0.001 min
Response: 189467582
Conc: 477.39 ng/ml



#4 AR-1016-2

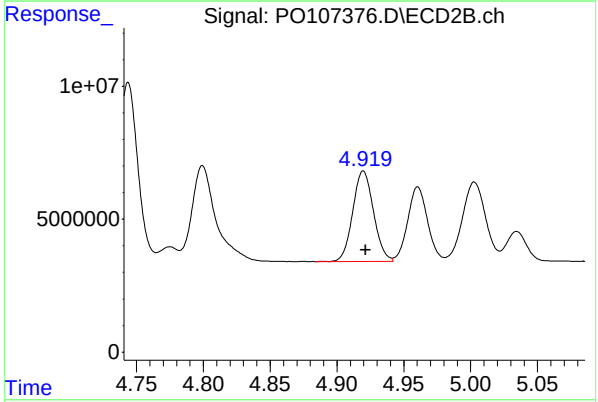
R.T.: 4.744 min
Delta R.T.: -0.001 min
Response: 70076548
Conc: 497.11 ng/ml



#5 AR-1016-3

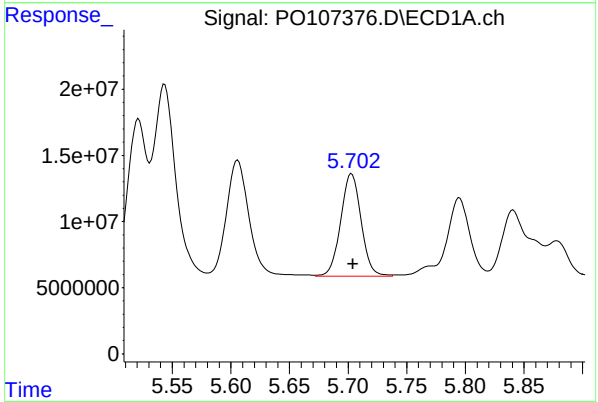
R.T.: 5.606 min
Delta R.T.: -0.002 min
Response: 118879939
Conc: 473.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB164397BS



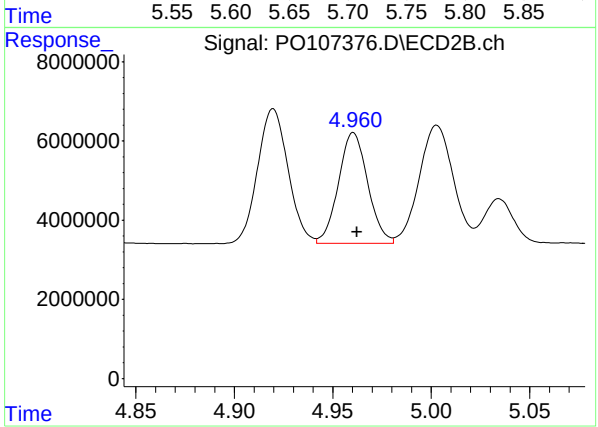
#5 AR-1016-3

R.T.: 4.920 min
Delta R.T.: -0.002 min
Response: 36804738
Conc: 467.39 ng/ml



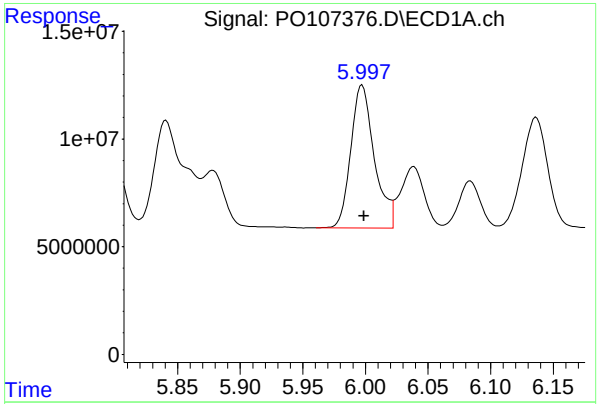
#6 AR-1016-4

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 94398473
Conc: 490.10 ng/ml



#6 AR-1016-4

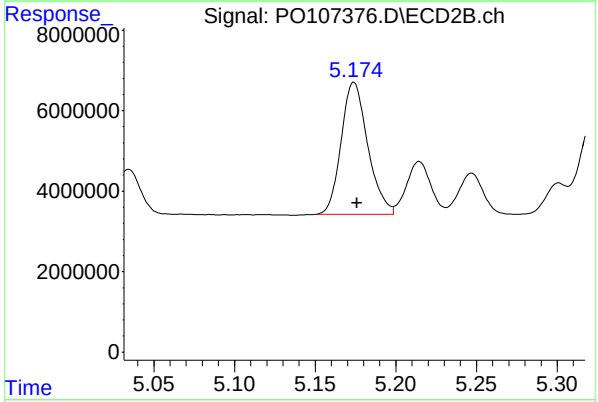
R.T.: 4.960 min
Delta R.T.: -0.002 min
Response: 28983047
Conc: 438.42 ng/ml



#7 AR-1016-5

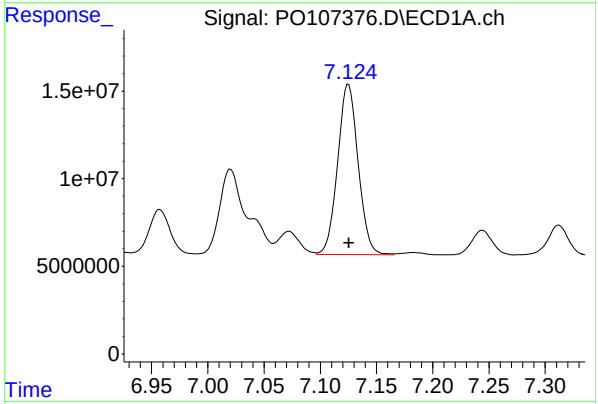
R.T.: 5.997 min
Delta R.T.: -0.002 min
Response: 86854024
Conc: 475.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB164397BS



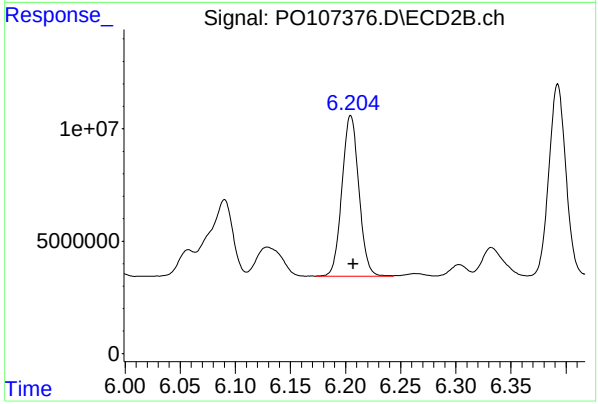
#7 AR-1016-5

R.T.: 5.174 min
Delta R.T.: -0.002 min
Response: 37713419
Conc: 459.17 ng/ml



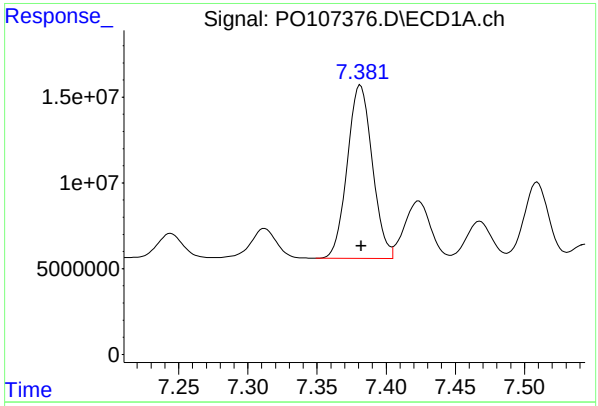
#31 AR-1260-1

R.T.: 7.125 min
Delta R.T.: 0.000 min
Response: 123700705
Conc: 478.37 ng/ml



#31 AR-1260-1

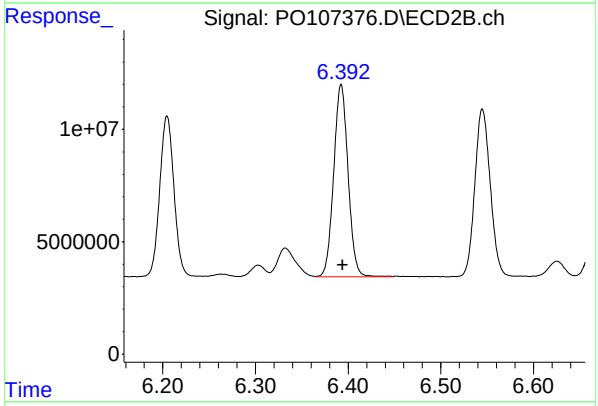
R.T.: 6.205 min
Delta R.T.: -0.002 min
Response: 76670694
Conc: 494.16 ng/ml



#32 AR-1260-2

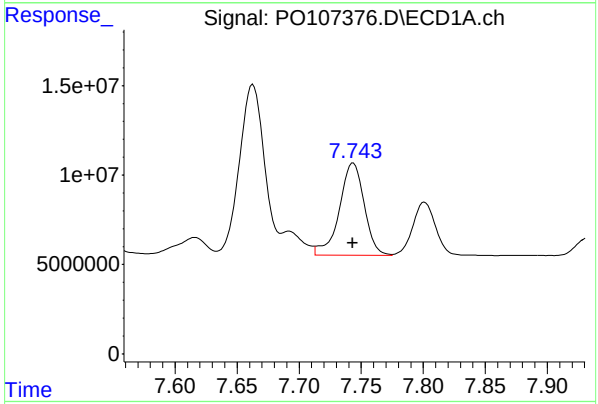
R.T.: 7.381 min
Delta R.T.: 0.000 min
Response: 127490398
Conc: 484.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB164397BS



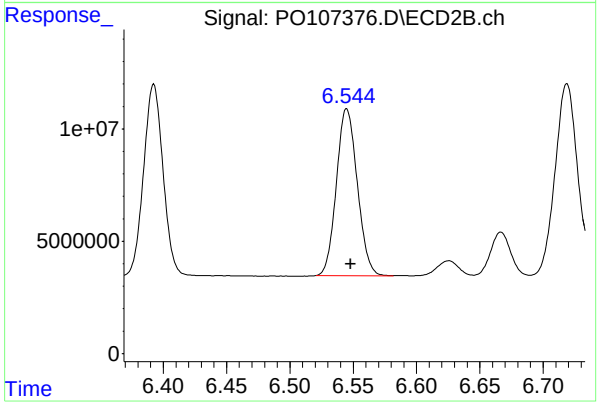
#32 AR-1260-2

R.T.: 6.392 min
Delta R.T.: -0.002 min
Response: 92086927
Conc: 522.88 ng/ml



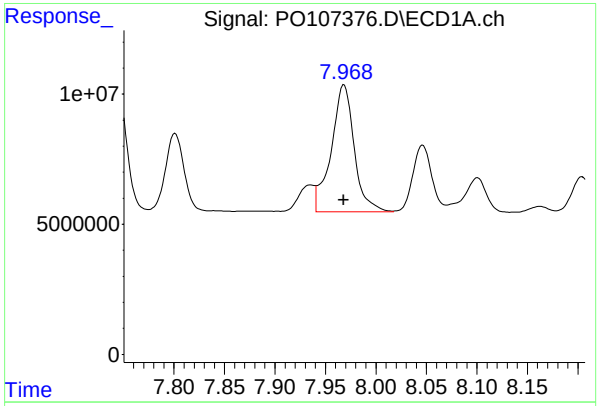
#33 AR-1260-3

R.T.: 7.744 min
Delta R.T.: 0.000 min
Response: 71948114
Conc: 400.28 ng/ml



#33 AR-1260-3

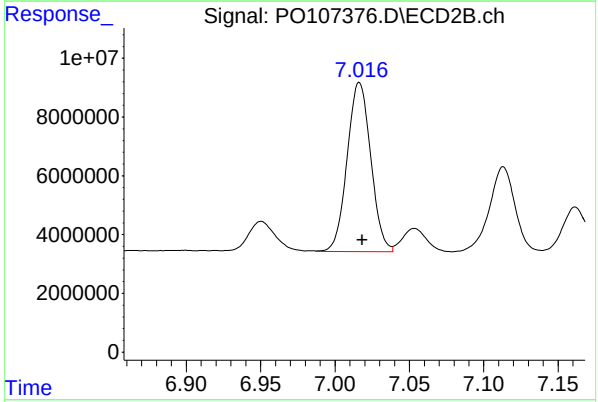
R.T.: 6.545 min
Delta R.T.: -0.003 min
Response: 85476085
Conc: 509.55 ng/ml



#34 AR-1260-4

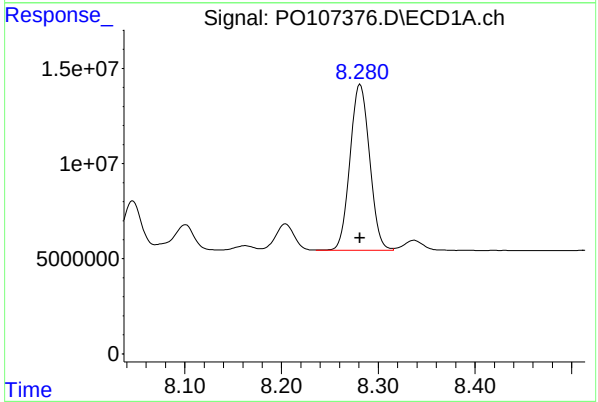
R.T.: 7.968 min
Delta R.T.: 0.000 min
Response: 77416891
Conc: 441.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB164397BS



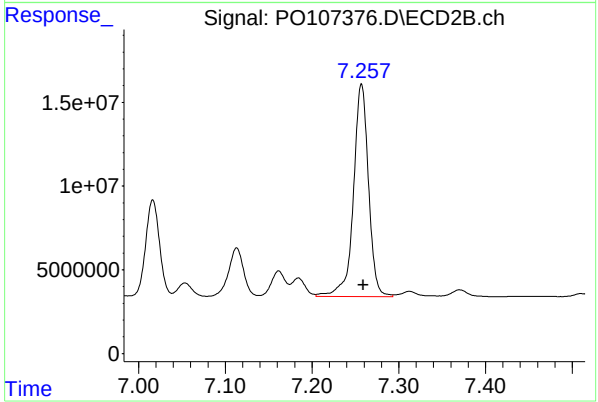
#34 AR-1260-4

R.T.: 7.016 min
Delta R.T.: -0.002 min
Response: 63580537
Conc: 439.45 ng/ml



#35 AR-1260-5

R.T.: 8.281 min
Delta R.T.: 0.000 min
Response: 122369161
Conc: 430.28 ng/ml



#35 AR-1260-5

R.T.: 7.257 min
Delta R.T.: -0.002 min
Response: 153665167
Conc: 466.44 ng/ml

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	NJ Soil PT	Date Received:	
Client Sample ID:	PB164405BS	SDG No.:	P4495
Lab Sample ID:	PB164405BS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	1.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO107426.D	1	10/25/24 11:30	10/28/24 12:52	PB164405

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4300		98.7	495	ug/kg
11104-28-2	Aroclor-1221	187	U	187	495	ug/kg
11141-16-5	Aroclor-1232	99.0	U	99.0	495	ug/kg
53469-21-9	Aroclor-1242	98.7	U	98.7	495	ug/kg
12672-29-6	Aroclor-1248	230	U	230	495	ug/kg
11097-69-1	Aroclor-1254	79.5	U	79.5	495	ug/kg
37324-23-5	Aroclor-1262	133	U	133	495	ug/kg
11100-14-4	Aroclor-1268	99.9	U	99.9	495	ug/kg
11096-82-5	Aroclor-1260	4400		84.8	495	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.1		32 - 144	95%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.3		32 - 175	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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
Data File : PO107426.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 12:52
Operator : YP/AJ
Sample : PB164405BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB164405BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 13:23:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:34:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.371	3.644	173.8E6	59082669	19.074	18.357	
2)	SA Decachlor...	10.055	8.635	49911158	54507984	20.344	19.882	
	Target Compounds							
3)	L1 AR-1016-1	5.520	4.724	118.8E6	47453071	440.454	459.524	
4)	L1 AR-1016-2	5.542	4.743	170.5E6	66092269	429.653	468.847	
5)	L1 AR-1016-3	5.605	4.919	106.7E6	35149747	424.861	446.371	
6)	L1 AR-1016-4	5.701	4.960	85388810	27897268	443.320	421.993	
7)	L1 AR-1016-5	5.996	5.174	79745333	36210524	436.593	440.872	
31)	L7 AR-1260-1	7.123	6.204	116.7E6	72316918	451.340	466.096	
32)	L7 AR-1260-2	7.379	6.391	121.7E6	87251999	462.405	495.425	
33)	L7 AR-1260-3	7.741	6.545	68830420	80326416	382.933	478.851	#
34)	L7 AR-1260-4	7.964	7.015	72596508	59459060	413.646	410.967	
35)	L7 AR-1260-5	8.278	7.256	114.6E6	144.0E6	402.906	436.966	

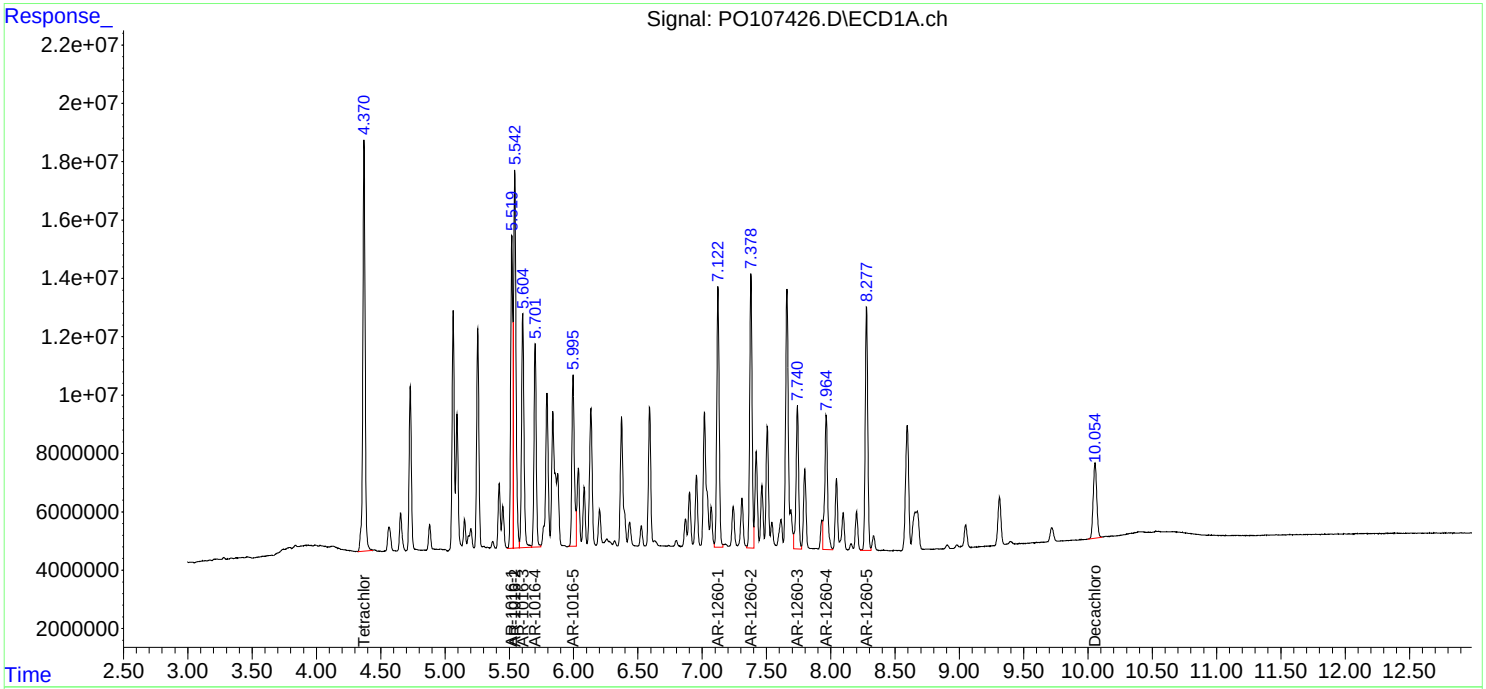
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

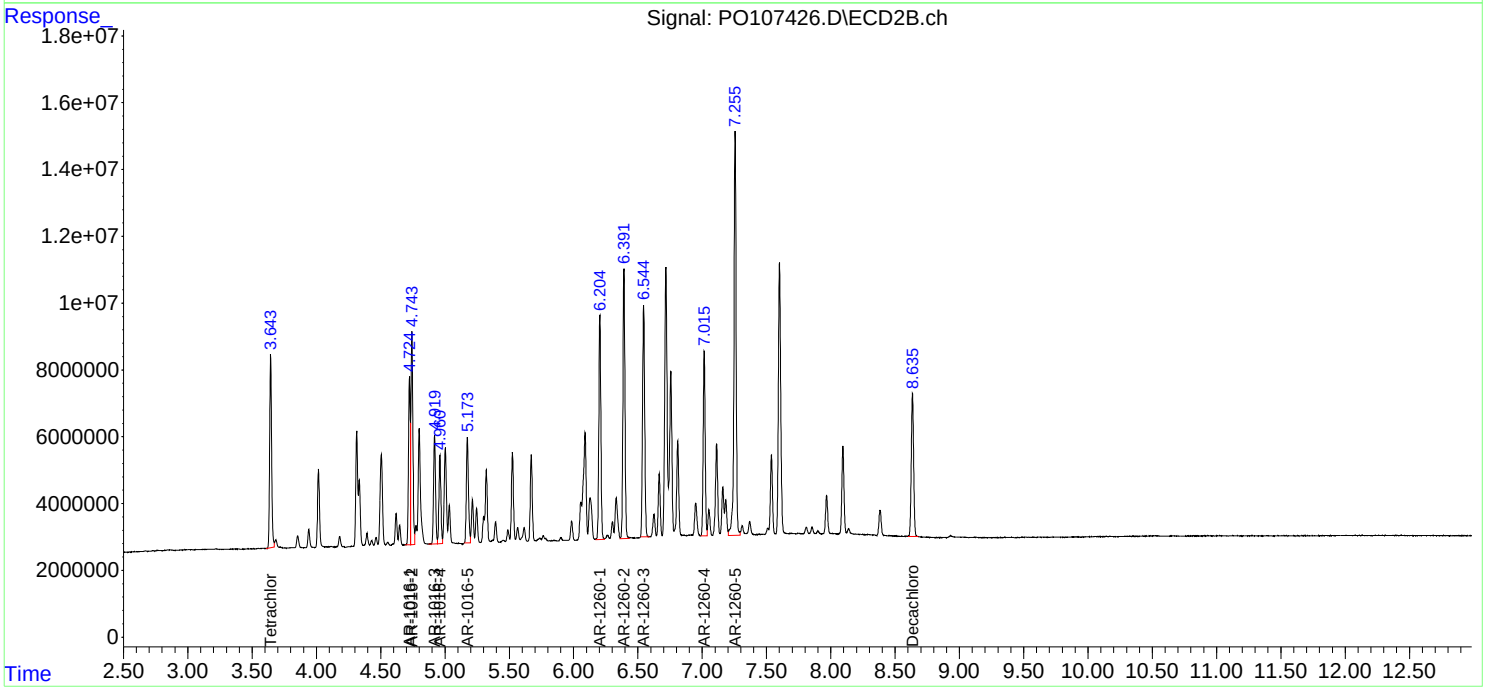
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
Data File : PO107426.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 12:52
Operator : YP/AJ
Sample : PB164405BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

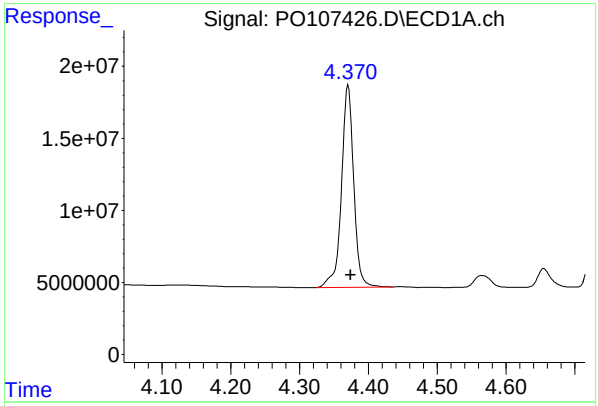
Instrument :
ECD_O
ClientSampleId :
PB164405BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 13:23:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:34:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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



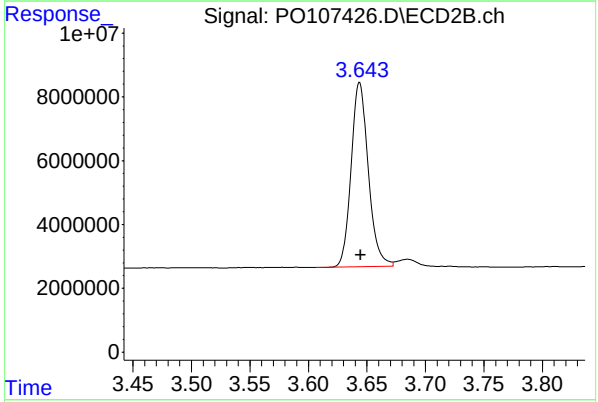




#1 Tetrachloro-m-xylene

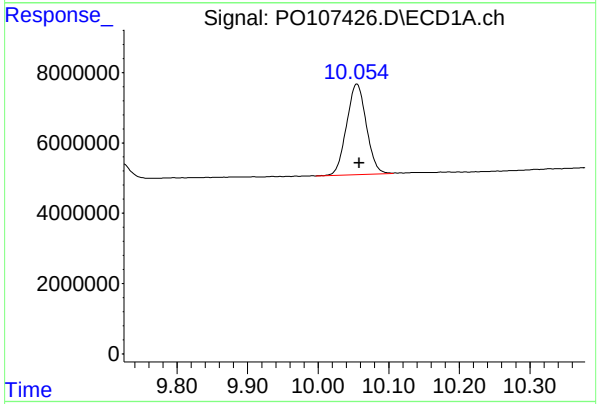
R.T.: 4.371 min
Delta R.T.: -0.003 min
Response: 173839165
Conc: 19.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB164405BS



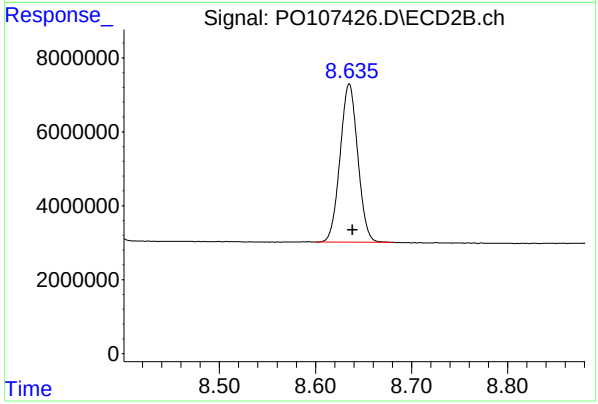
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 59082669
Conc: 18.36 ng/ml



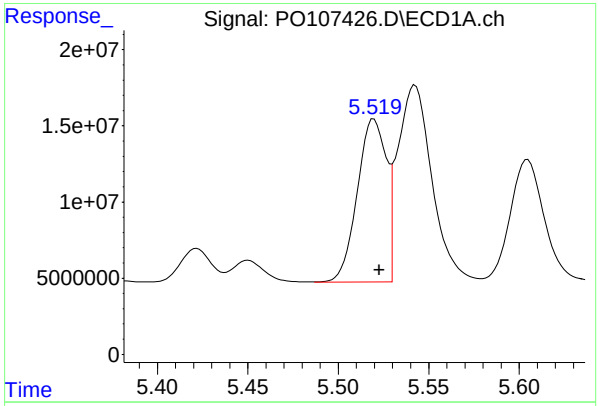
#2 Decachlorobiphenyl

R.T.: 10.055 min
Delta R.T.: -0.003 min
Response: 49911158
Conc: 20.34 ng/ml



#2 Decachlorobiphenyl

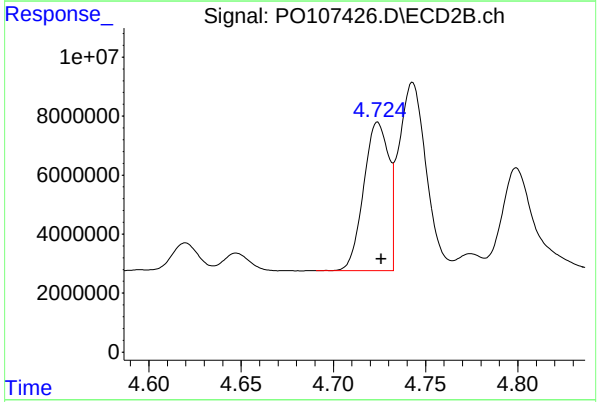
R.T.: 8.635 min
Delta R.T.: -0.004 min
Response: 54507984
Conc: 19.88 ng/ml



#3 AR-1016-1

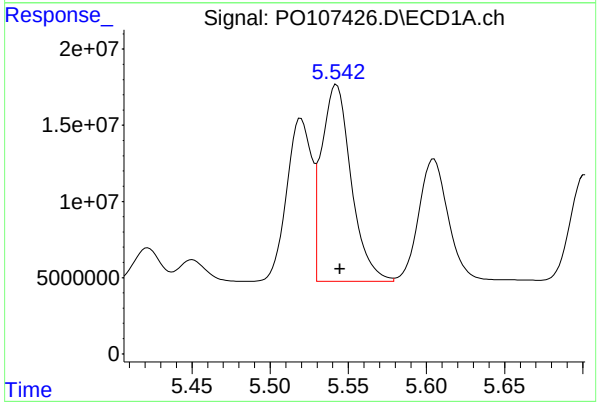
R.T.: 5.520 min
Delta R.T.: -0.003 min
Response: 118840803
Conc: 440.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB164405BS



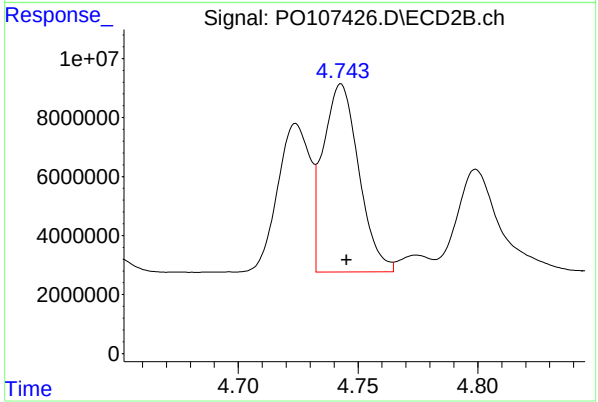
#3 AR-1016-1

R.T.: 4.724 min
Delta R.T.: -0.002 min
Response: 47453071
Conc: 459.52 ng/ml



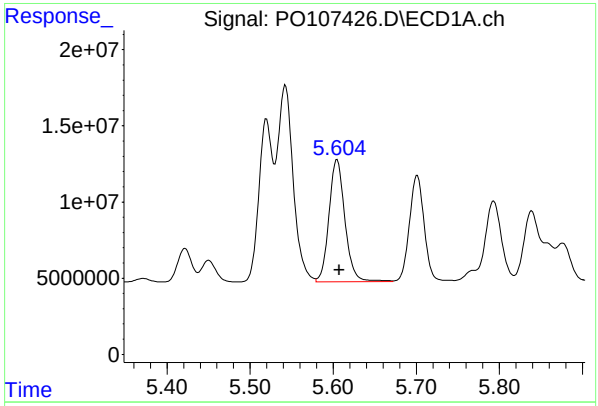
#4 AR-1016-2

R.T.: 5.542 min
Delta R.T.: -0.002 min
Response: 170522919
Conc: 429.65 ng/ml



#4 AR-1016-2

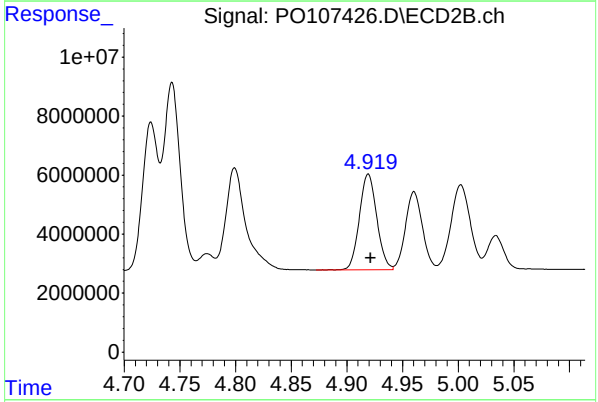
R.T.: 4.743 min
Delta R.T.: -0.002 min
Response: 66092269
Conc: 468.85 ng/ml



#5 AR-1016-3

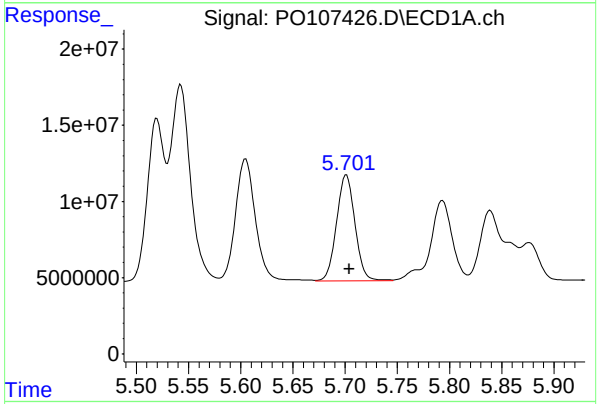
R.T.: 5.605 min
Delta R.T.: -0.003 min
Response: 106712250
Conc: 424.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB164405BS



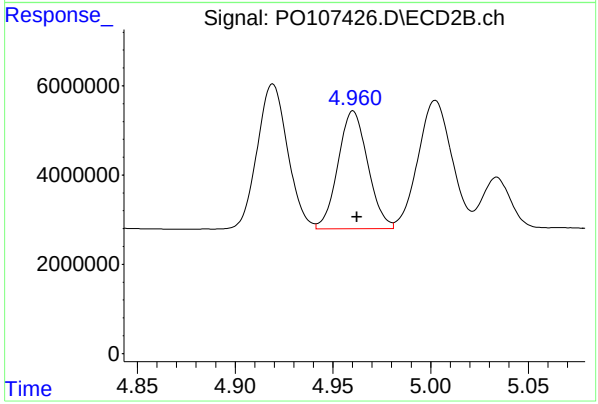
#5 AR-1016-3

R.T.: 4.919 min
Delta R.T.: -0.002 min
Response: 35149747
Conc: 446.37 ng/ml



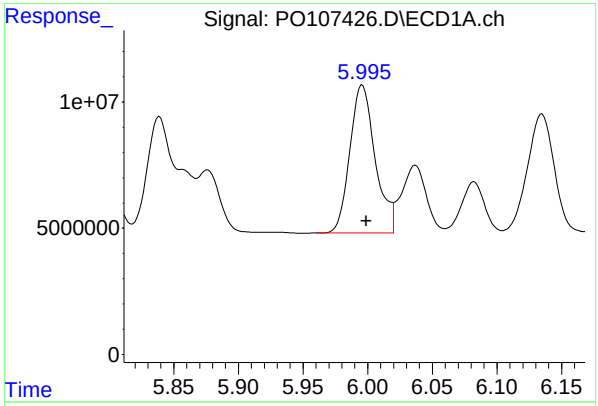
#6 AR-1016-4

R.T.: 5.701 min
Delta R.T.: -0.003 min
Response: 85388810
Conc: 443.32 ng/ml



#6 AR-1016-4

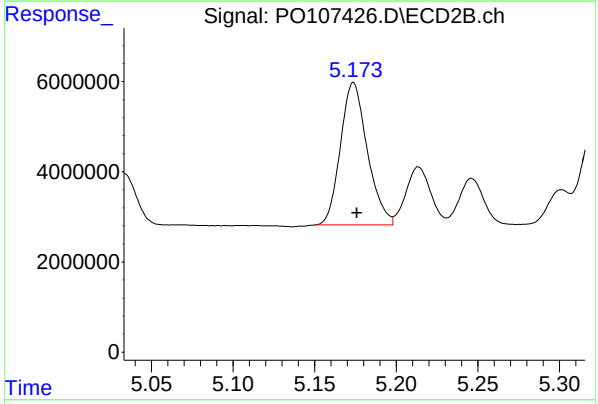
R.T.: 4.960 min
Delta R.T.: -0.002 min
Response: 27897268
Conc: 421.99 ng/ml



#7 AR-1016-5

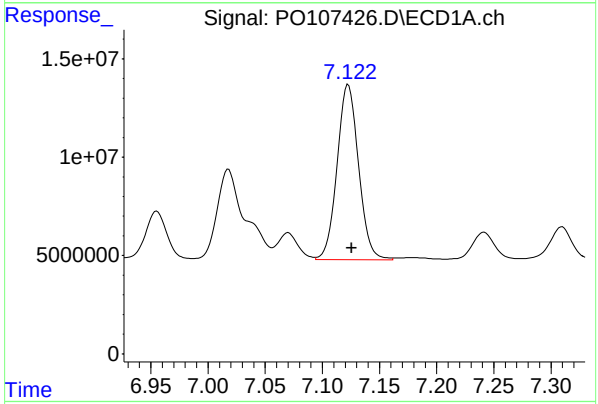
R.T.: 5.996 min
Delta R.T.: -0.003 min
Response: 79745333
Conc: 436.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB164405BS



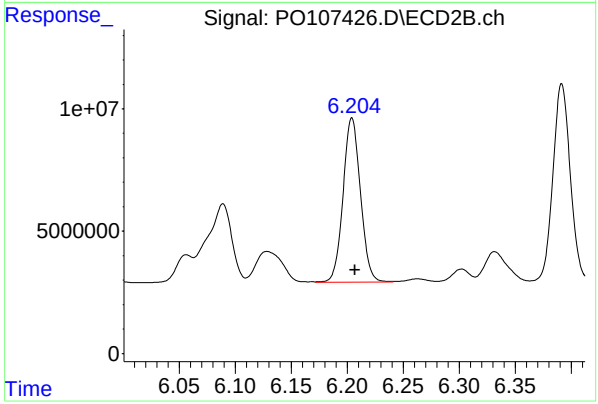
#7 AR-1016-5

R.T.: 5.174 min
Delta R.T.: -0.002 min
Response: 36210524
Conc: 440.87 ng/ml



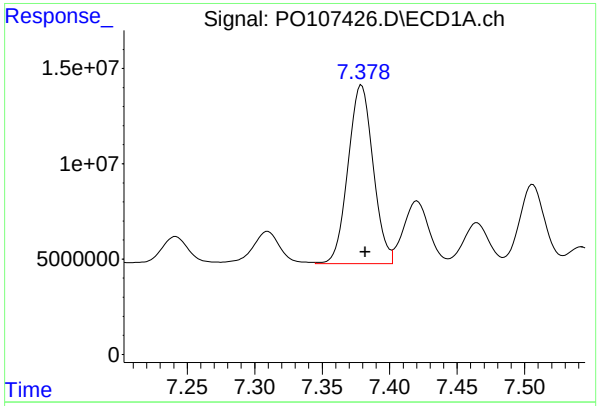
#31 AR-1260-1

R.T.: 7.123 min
Delta R.T.: -0.003 min
Response: 116711289
Conc: 451.34 ng/ml



#31 AR-1260-1

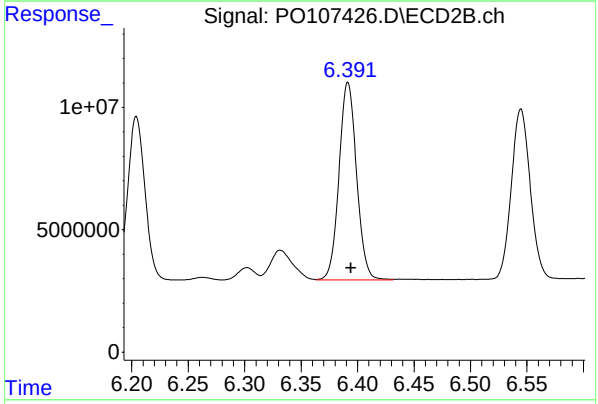
R.T.: 6.204 min
Delta R.T.: -0.003 min
Response: 72316918
Conc: 466.10 ng/ml



#32 AR-1260-2

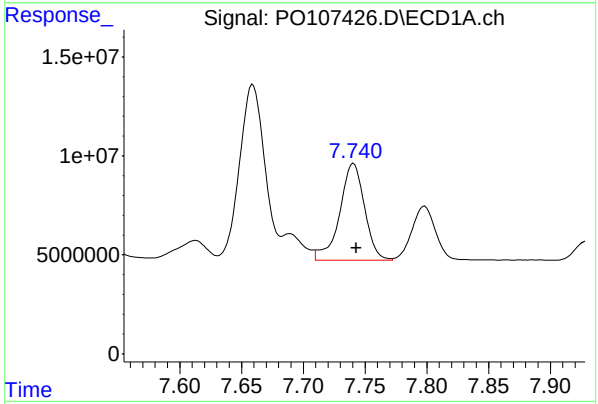
R.T.: 7.379 min
Delta R.T.: -0.003 min
Response: 121714178
Conc: 462.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB164405BS



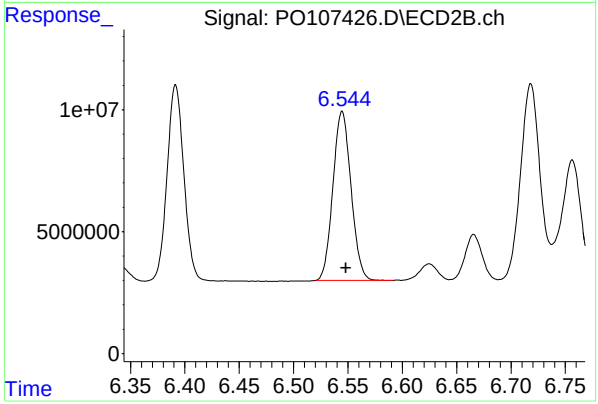
#32 AR-1260-2

R.T.: 6.391 min
Delta R.T.: -0.003 min
Response: 87251999
Conc: 495.42 ng/ml



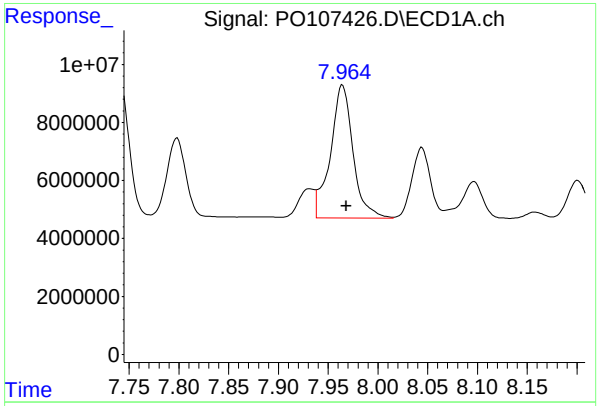
#33 AR-1260-3

R.T.: 7.741 min
Delta R.T.: -0.002 min
Response: 68830420
Conc: 382.93 ng/ml



#33 AR-1260-3

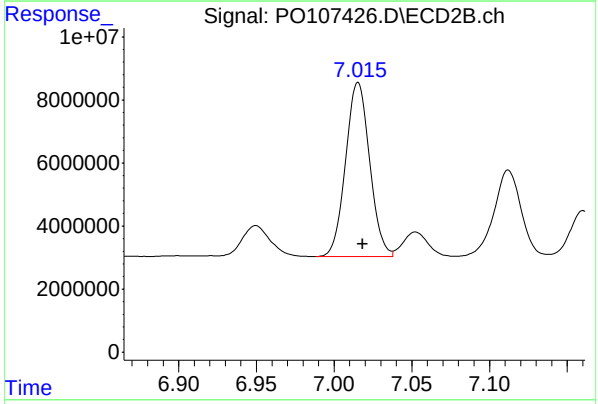
R.T.: 6.545 min
Delta R.T.: -0.003 min
Response: 80326416
Conc: 478.85 ng/ml



#34 AR-1260-4

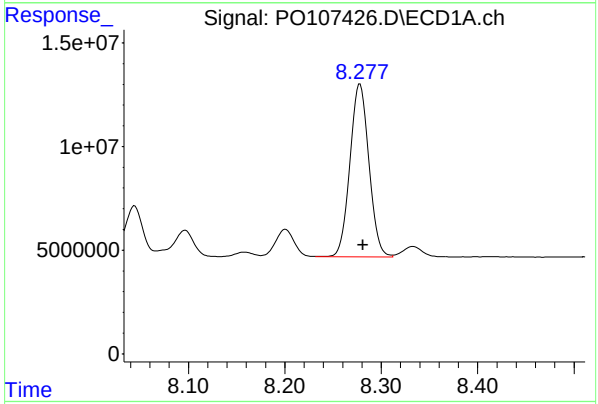
R.T.: 7.964 min
Delta R.T.: -0.004 min
Response: 72596508
Conc: 413.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB164405BS



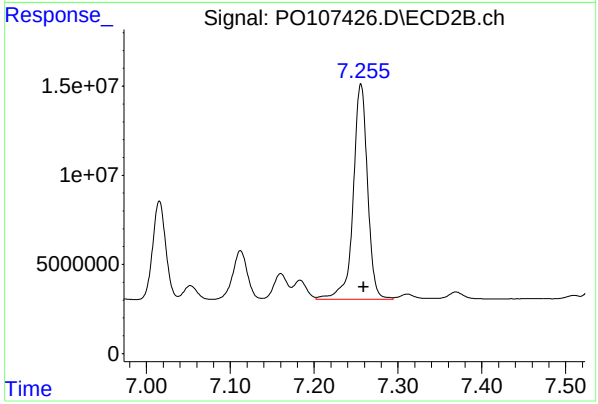
#34 AR-1260-4

R.T.: 7.015 min
Delta R.T.: -0.003 min
Response: 59459060
Conc: 410.97 ng/ml



#35 AR-1260-5

R.T.: 8.278 min
Delta R.T.: -0.003 min
Response: 114583818
Conc: 402.91 ng/ml



#35 AR-1260-5

R.T.: 7.256 min
Delta R.T.: -0.003 min
Response: 143954473
Conc: 436.97 ng/ml

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/24/24
Project:	NJ Soil PT	Date Received:	10/24/24
Client Sample ID:	OR-03-102424MS	SDG No.:	P4495
Lab Sample ID:	P4531-01MS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	94.3 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO107390.D	1	10/25/24 09:40	10/25/24 18:13	PB164397

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	170		3.60	18.0	ug/kg
11104-28-2	Aroclor-1221	6.80	U	6.80	18.0	ug/kg
11141-16-5	Aroclor-1232	3.60	U	3.60	18.0	ug/kg
53469-21-9	Aroclor-1242	3.60	U	3.60	18.0	ug/kg
12672-29-6	Aroclor-1248	8.30	U	8.30	18.0	ug/kg
11097-69-1	Aroclor-1254	2.90	U	2.90	18.0	ug/kg
37324-23-5	Aroclor-1262	4.80	U	4.80	18.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	18.0	ug/kg
11096-82-5	Aroclor-1260	155		3.10	18.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.3		32 - 144	96%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.4		32 - 175	97%	SPK: 20

Comments:

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

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102524\
Data File : PO107390.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2024 18:13
Operator : YP/AJ
Sample : P4531-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
OR-03-102424MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 26 00:03:25 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:53:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.372	3.644	152.4E6	62049298	16.718m	19.279m
2)	SA Decachlor...	10.062	8.638	47560586	45941521	19.386	16.757
	Target Compounds						
3)	L1 AR-1016-1	5.521	4.725	124.1E6	54372541	460.076m	526.531m
4)	L1 AR-1016-2	5.544	4.744	179.8E6	68376288	453.120m	485.049m
5)	L1 AR-1016-3	5.606	4.920	108.4E6	39479058	431.659m	501.349m
6)	L1 AR-1016-4	5.703	4.961	90216688	34019704	468.386m	514.605m
7)	L1 AR-1016-5	5.998	5.174	76429752	31451120	418.441	382.925
31)	L7 AR-1260-1	7.125	6.206	120.2E6	72014579	464.757m	464.147m
32)	L7 AR-1260-2	7.382	6.393	118.0E6	83777312	448.112m	475.695m
33)	L7 AR-1260-3	7.744	6.547	68993208	78107423	383.839m	465.623
34)	L7 AR-1260-4	7.968	7.018	78915479	55776676	449.651m	385.516
35)	L7 AR-1260-5	8.282	7.258	127.7E6	133.6E6	448.882m	405.595

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102524\
Data File : PO107390.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2024 18:13
Operator : YP/AJ
Sample : P4531-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

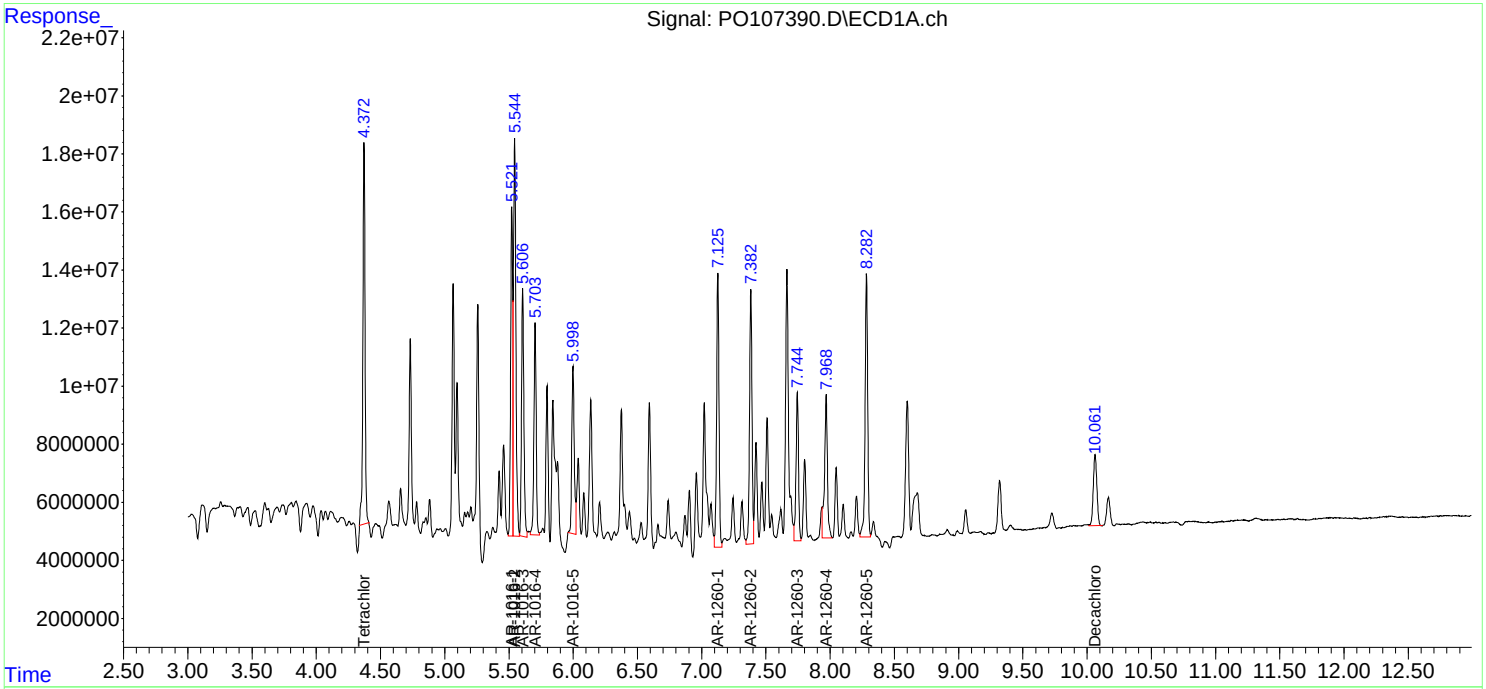
Instrument :
ECD_O
ClientSampleId :
OR-03-102424MS

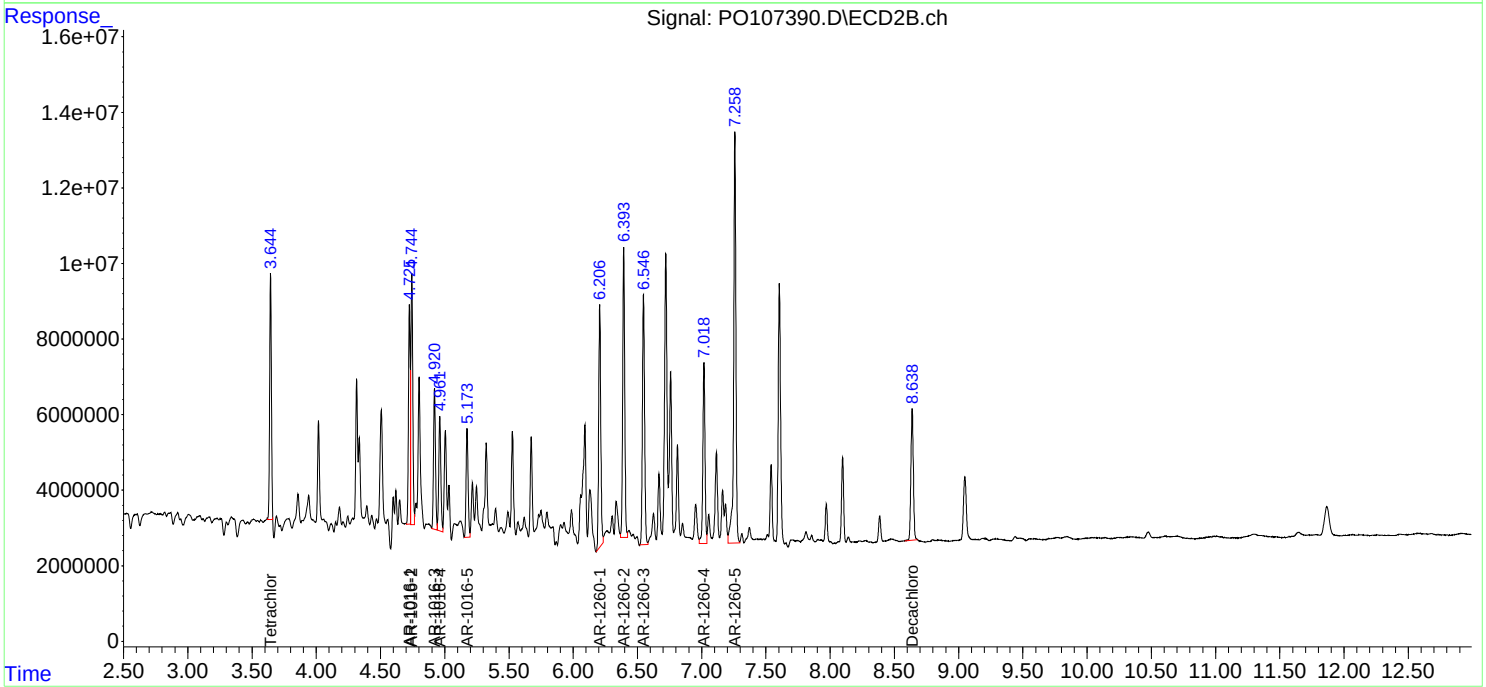
Manual Integrations APPROVED

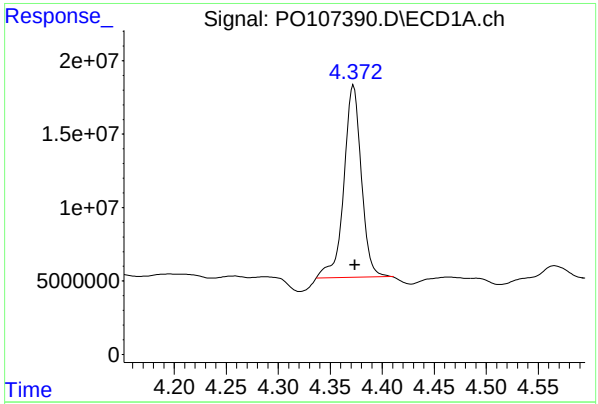
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 26 00:03:25 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:53:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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







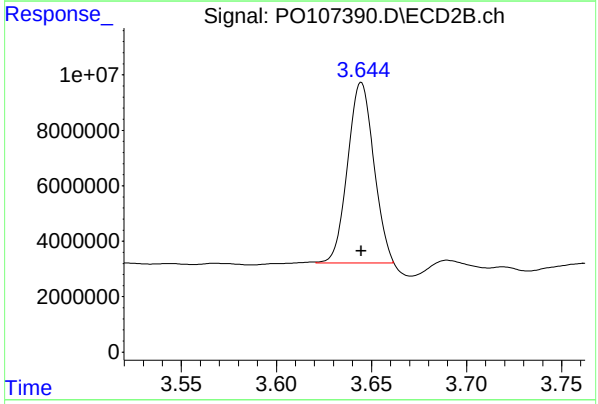
#1 Tetrachloro-m-xylene

R.T.: 4.372 min
Delta R.T.: -0.002 mi
Response: 152366939
Conc: 16.72 ng/m

Instrument :
ECD_O
ClientSampleId :
OR-03-102424MS

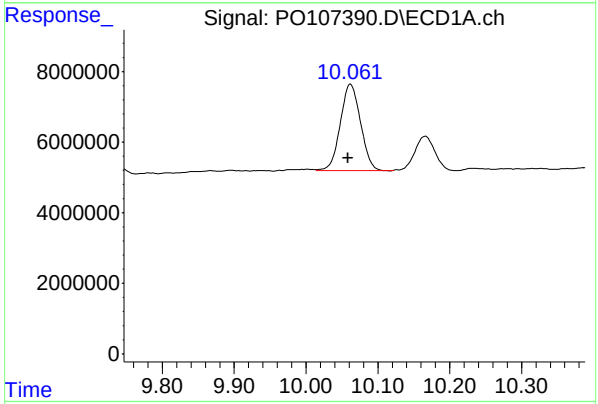
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



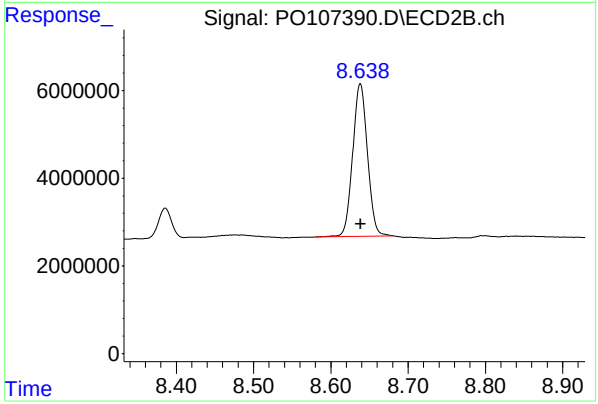
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 62049298
Conc: 19.28 ng/ml m



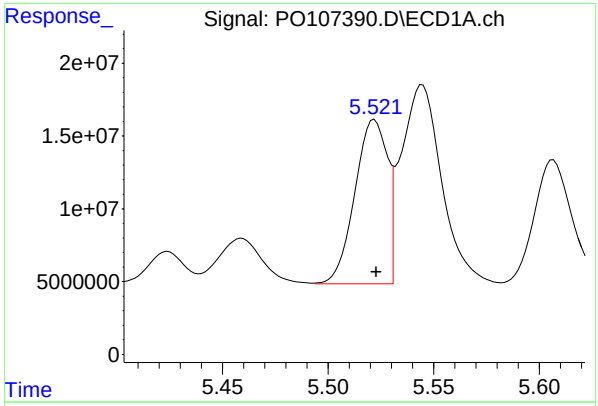
#2 Decachlorobiphenyl

R.T.: 10.062 min
Delta R.T.: 0.004 min
Response: 47560586
Conc: 19.39 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.638 min
Delta R.T.: 0.000 min
Response: 45941521
Conc: 16.76 ng/ml



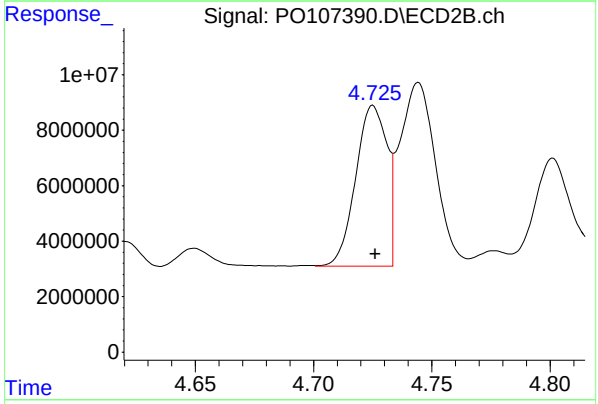
#3 AR-1016-1

R.T.: 5.521 min
Delta R.T.: -0.001 mi
Response: 124134964
Conc: 460.08 ng/m

Instrument :
ECD_O
ClientSampleId :
OR-03-102424MS

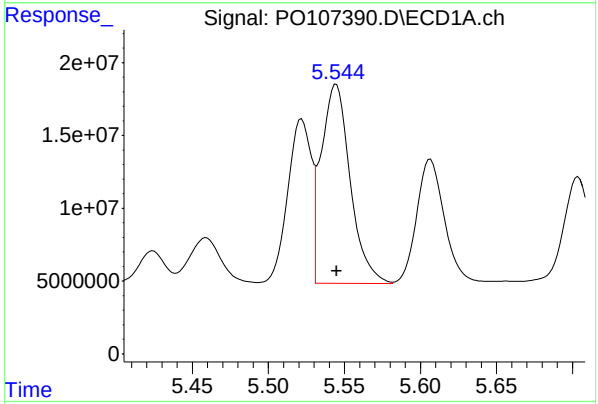
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



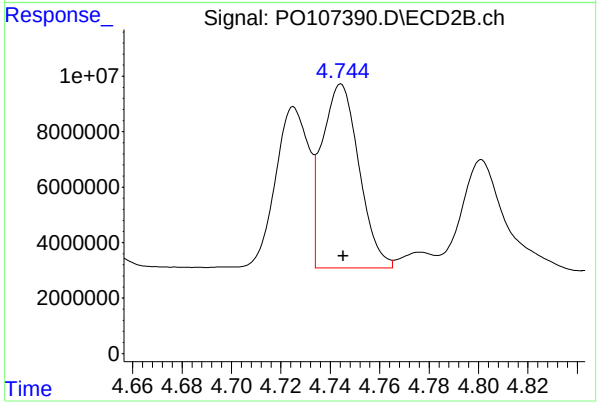
#3 AR-1016-1

R.T.: 4.725 min
Delta R.T.: -0.001 min
Response: 54372541
Conc: 526.53 ng/ml m



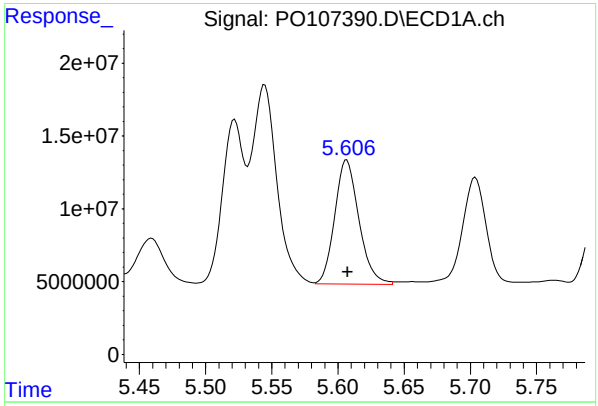
#4 AR-1016-2

R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 179836405
Conc: 453.12 ng/ml m



#4 AR-1016-2

R.T.: 4.744 min
Delta R.T.: -0.001 min
Response: 68376288
Conc: 485.05 ng/ml m



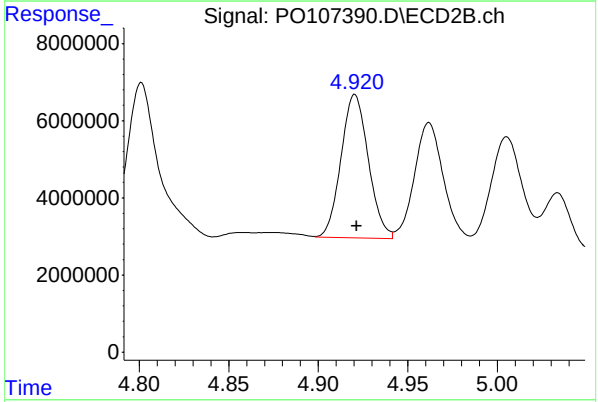
#5 AR-1016-3

R.T.: 5.606 min
Delta R.T.: -0.002 mi
Response: 108419478
Conc: 431.66 ng/m

Instrument :
ECD_O
ClientSampleId :
OR-03-102424MS

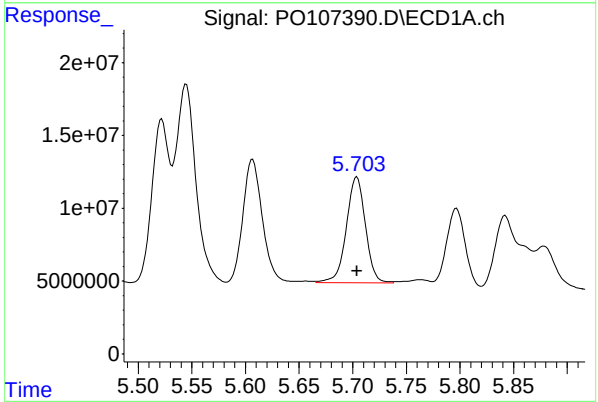
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



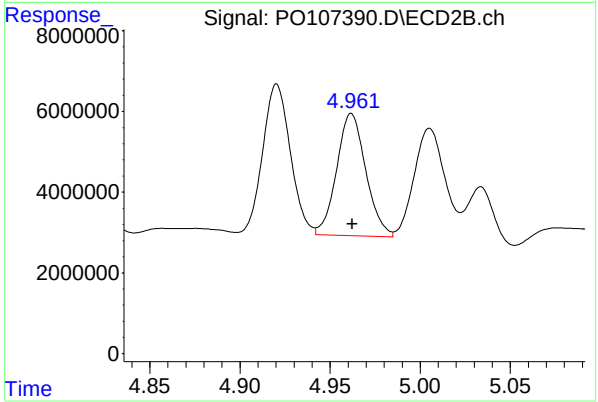
#5 AR-1016-3

R.T.: 4.920 min
Delta R.T.: -0.001 min
Response: 39479058
Conc: 501.35 ng/ml m



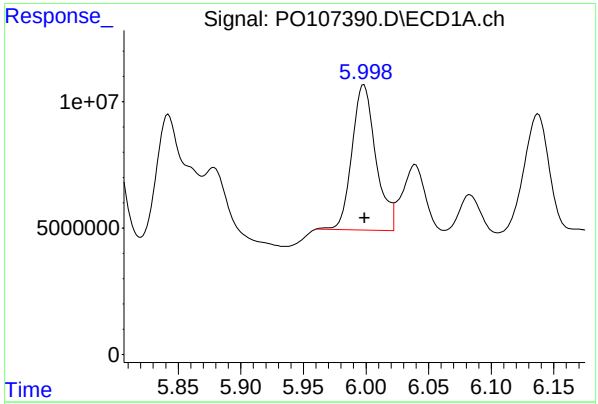
#6 AR-1016-4

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 90216688
Conc: 468.39 ng/ml m



#6 AR-1016-4

R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 34019704
Conc: 514.61 ng/ml m



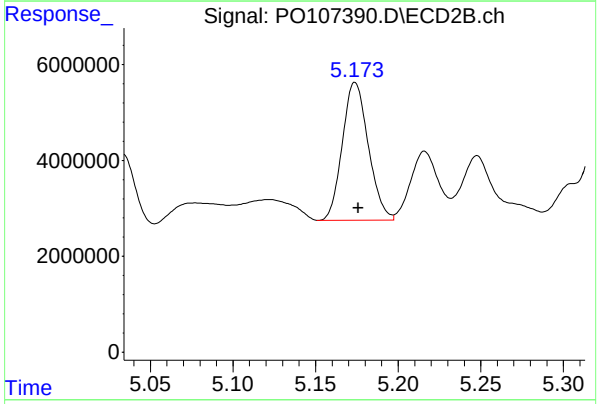
#7 AR-1016-5

R.T.: 5.998 min
Delta R.T.: 0.000 mi
Response: 76429752
Conc: 418.44 ng/m

Instrument :
ECD_O
ClientSampleId :
OR-03-102424MS

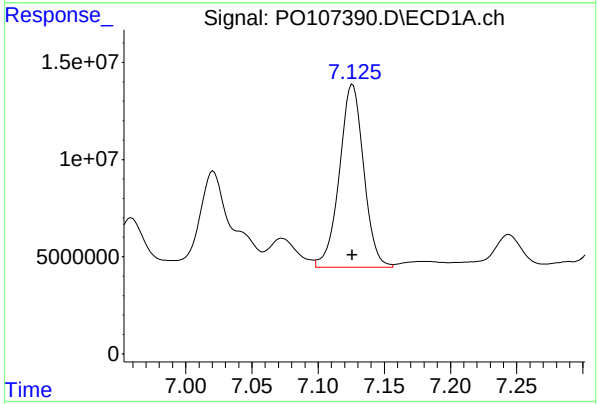
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



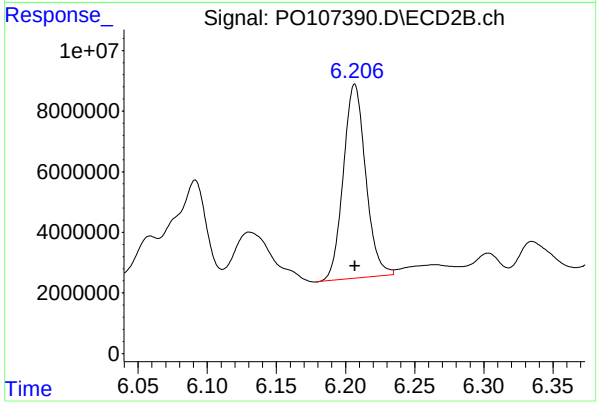
#7 AR-1016-5

R.T.: 5.174 min
Delta R.T.: -0.002 min
Response: 31451120
Conc: 382.93 ng/ml



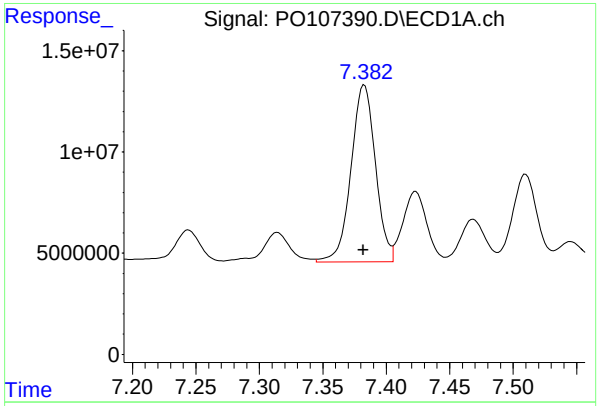
#31 AR-1260-1

R.T.: 7.125 min
Delta R.T.: 0.000 min
Response: 120180873
Conc: 464.76 ng/ml m



#31 AR-1260-1

R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 72014579
Conc: 464.15 ng/ml m



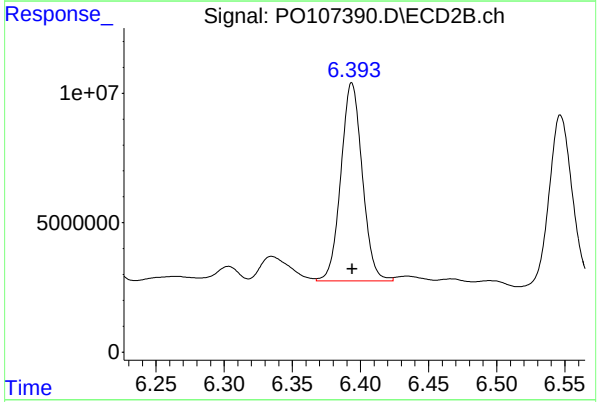
#32 AR-1260-2

R.T.: 7.382 min
Delta R.T.: 0.000 min
Response: 117952039
Conc: 448.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
OR-03-102424MS

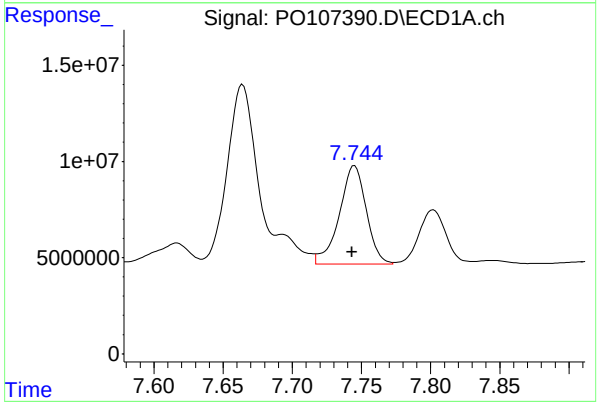
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



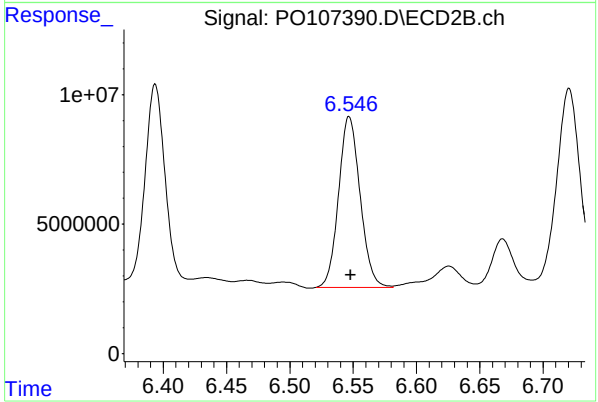
#32 AR-1260-2

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 83777312
Conc: 475.69 ng/ml m



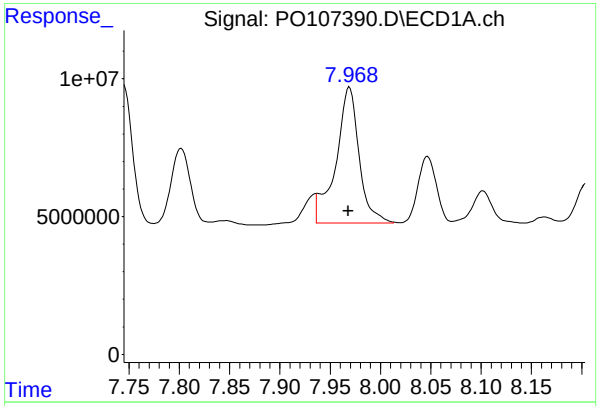
#33 AR-1260-3

R.T.: 7.744 min
Delta R.T.: 0.001 min
Response: 68993208
Conc: 383.84 ng/ml m



#33 AR-1260-3

R.T.: 6.547 min
Delta R.T.: -0.001 min
Response: 78107423
Conc: 465.62 ng/ml



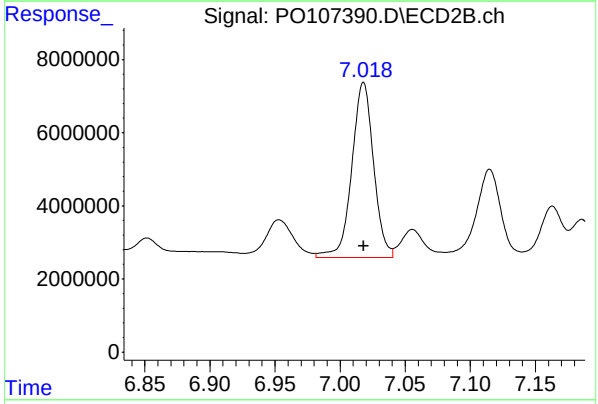
#34 AR-1260-4

R.T.: 7.968 min
Delta R.T.: 0.000 mi
Response: 78915479
Conc: 449.65 ng/m

Instrument :
ECD_O
ClientSampleId :
OR-03-102424MS

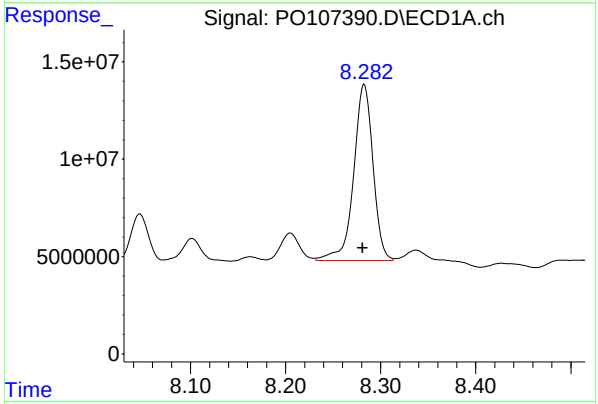
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



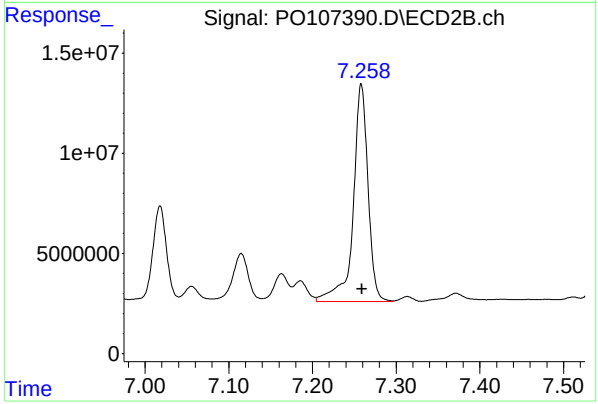
#34 AR-1260-4

R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 55776676
Conc: 385.52 ng/ml



#35 AR-1260-5

R.T.: 8.282 min
Delta R.T.: 0.000 min
Response: 127659313
Conc: 448.88 ng/ml m



#35 AR-1260-5

R.T.: 7.258 min
Delta R.T.: 0.000 min
Response: 133619644
Conc: 405.60 ng/ml

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/24/24
Project:	NJ Soil PT	Date Received:	10/24/24
Client Sample ID:	OR-03-102424MSD	SDG No.:	P4495
Lab Sample ID:	P4531-01MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	94.3 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO107391.D	1	10/25/24 09:40	10/25/24 18:31	PB164397

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	173		3.60	18.0	ug/kg
11104-28-2	Aroclor-1221	6.80	U	6.80	18.0	ug/kg
11141-16-5	Aroclor-1232	3.60	U	3.60	18.0	ug/kg
53469-21-9	Aroclor-1242	3.60	U	3.60	18.0	ug/kg
12672-29-6	Aroclor-1248	8.40	U	8.40	18.0	ug/kg
11097-69-1	Aroclor-1254	2.90	U	2.90	18.0	ug/kg
37324-23-5	Aroclor-1262	4.80	U	4.80	18.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	18.0	ug/kg
11096-82-5	Aroclor-1260	157		3.10	18.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.9		32 - 144	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.5		32 - 175	97%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102524\
Data File : PO107391.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2024 18:31
Operator : YP/AJ
Sample : P4531-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
OR-03-102424MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 26 00:03:59 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:53:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.372	3.645	159.6E6	64035546	17.509m	19.896m
2)	SA Decachlor...	10.063	8.638	47808809	44246886	19.487	16.139
	Target Compounds						
3)	L1 AR-1016-1	5.521	4.725	125.2E6	58508829	463.977m	566.586m
4)	L1 AR-1016-2	5.544	4.744	177.3E6	68181733	446.625m	483.669m
5)	L1 AR-1016-3	5.607	4.920	107.7E6	40033692	428.671m	508.392m
6)	L1 AR-1016-4	5.703	4.962	89198345	34130601	463.099m	516.283m
7)	L1 AR-1016-5	5.998	5.174	78476957	31346099	429.649	381.647
31)	L7 AR-1260-1	7.126	6.205	118.8E6	72332482	459.507m	466.196m
32)	L7 AR-1260-2	7.382	6.392	114.5E6	87043411	434.828m	494.240m
33)	L7 AR-1260-3	7.744	6.547	71483803	78633895	397.695m	468.762
34)	L7 AR-1260-4	7.968	7.017	77661212	56320880	442.504m	389.277
35)	L7 AR-1260-5	8.281	7.258	123.7E6	134.0E6	435.048m	406.706

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

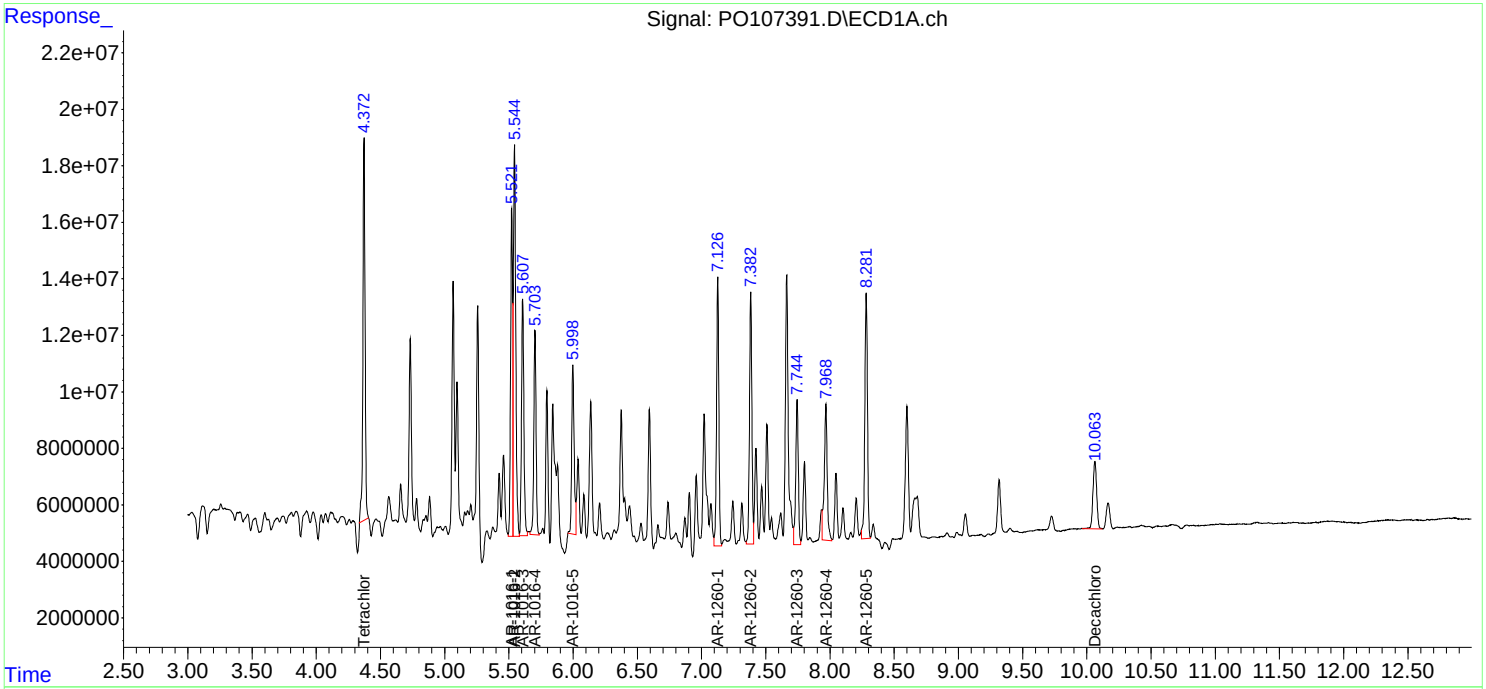
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102524\
Data File : PO107391.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2024 18:31
Operator : YP/AJ
Sample : P4531-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

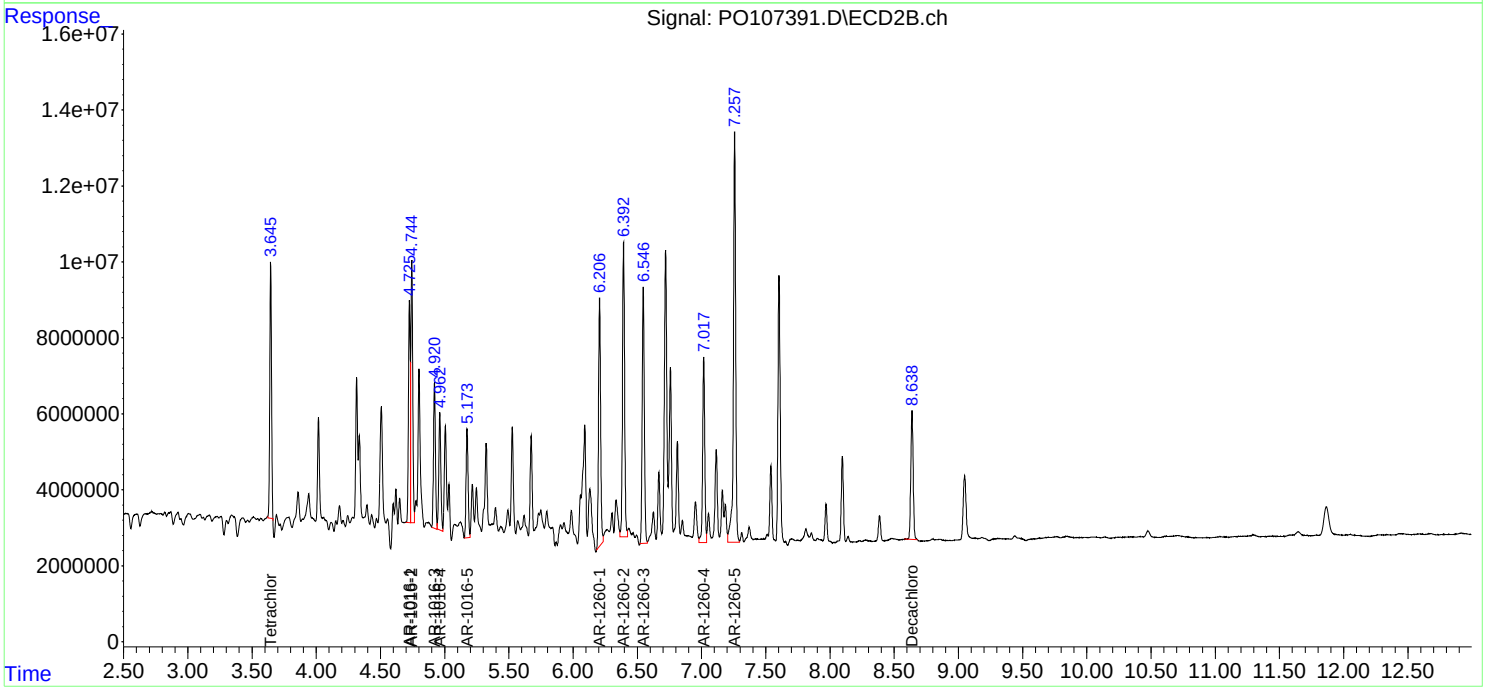
Instrument :
ECD_O
ClientSampleId :
OR-03-102424MSD

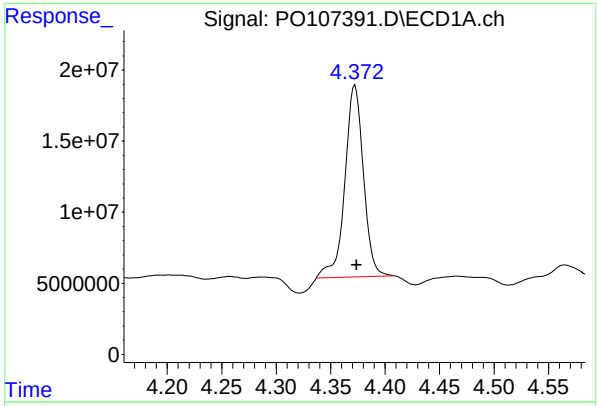
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 26 00:03:59 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:53:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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







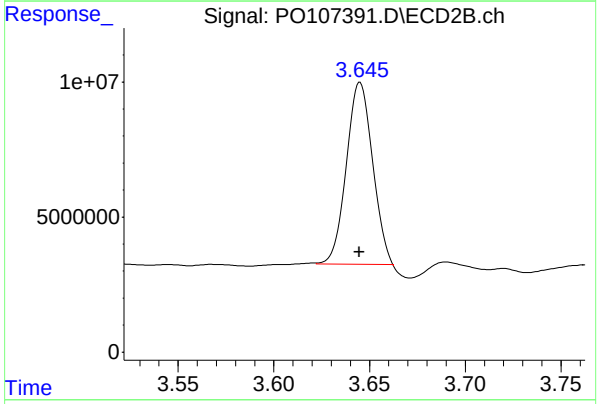
#1 Tetrachloro-m-xylene

R.T.: 4.372 min
Delta R.T.: -0.002 mi
Response: 159575624
Conc: 17.51 ng/m

Instrument :
ECD_O
ClientSampleId :
OR-03-102424MSD

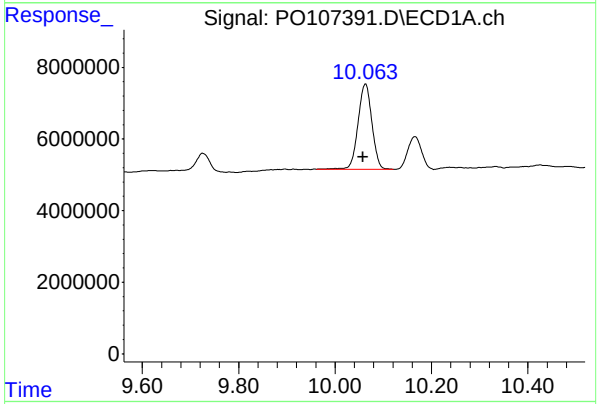
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



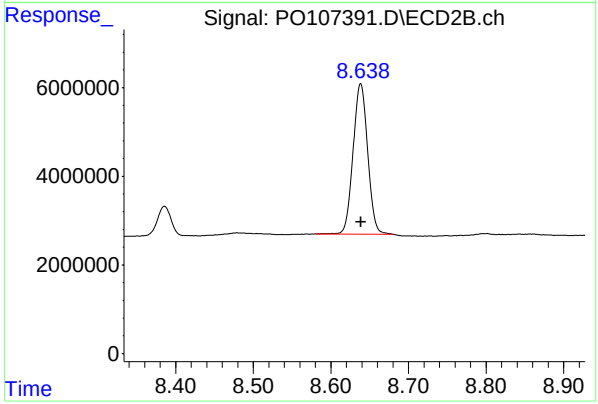
#1 Tetrachloro-m-xylene

R.T.: 3.645 min
Delta R.T.: 0.000 min
Response: 64035546
Conc: 19.90 ng/ml m



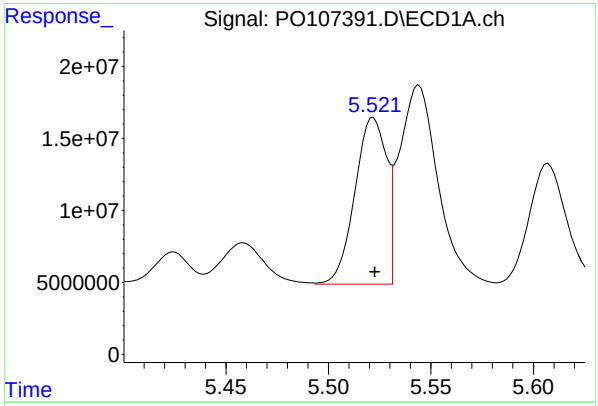
#2 Decachlorobiphenyl

R.T.: 10.063 min
Delta R.T.: 0.005 min
Response: 47808809
Conc: 19.49 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.638 min
Delta R.T.: 0.000 min
Response: 44246886
Conc: 16.14 ng/ml



#3 AR-1016-1

R.T.: 5.521 min
Delta R.T.: -0.001 mi
Response: 125187640
Conc: 463.98 ng/m

Instrument :
ECD_O
ClientSampleId :
OR-03-102424MSD

Manual Integrations
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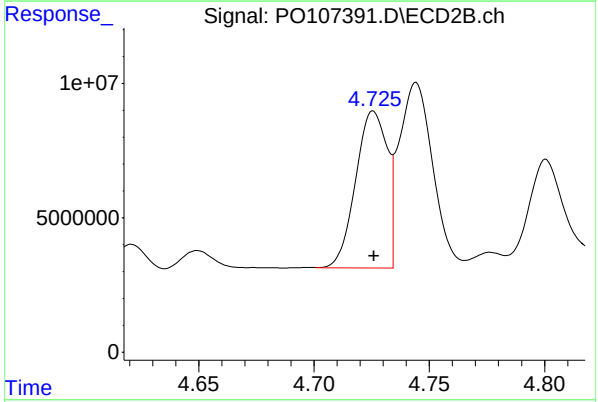
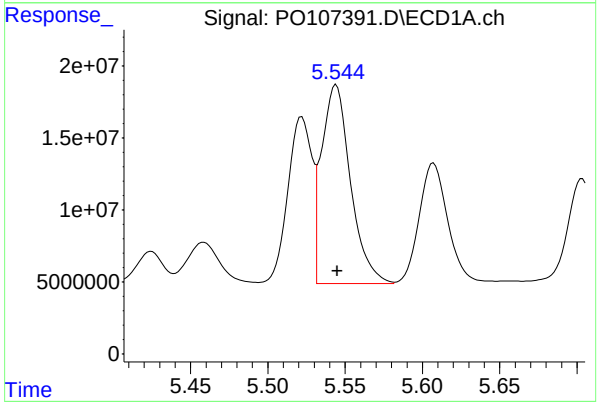
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



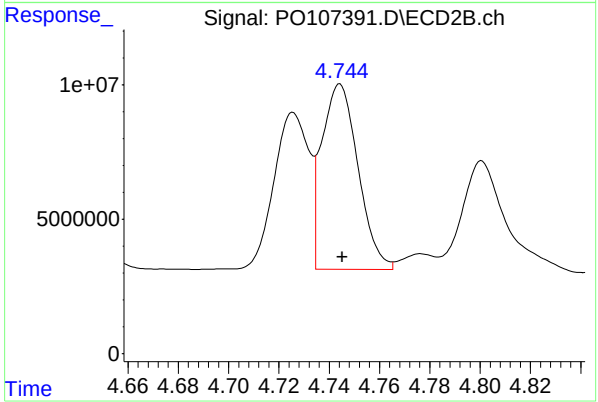
#3 AR-1016-1

R.T.: 4.725 min
Delta R.T.: 0.000 min
Response: 58508829
Conc: 566.59 ng/ml m



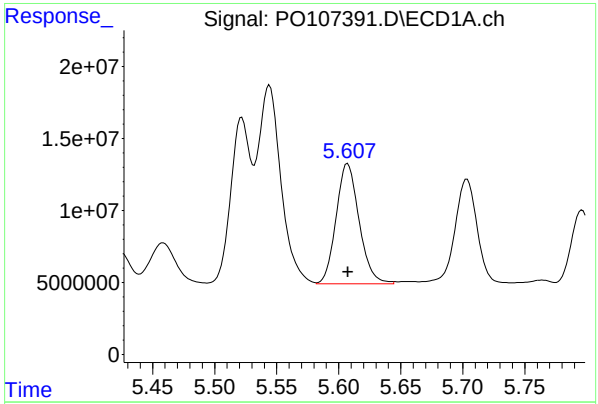
#4 AR-1016-2

R.T.: 5.544 min
Delta R.T.: -0.001 min
Response: 177258919
Conc: 446.63 ng/ml m



#4 AR-1016-2

R.T.: 4.744 min
Delta R.T.: -0.001 min
Response: 68181733
Conc: 483.67 ng/ml m



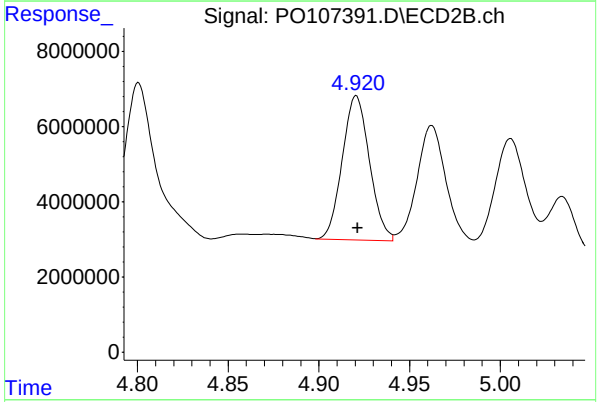
#5 AR-1016-3

R.T.: 5.607 min
Delta R.T.: 0.000 mi
Response: 107669203
Conc: 428.67 ng/m

Instrument :
ECD_O
ClientSampleId :
OR-03-102424MSD

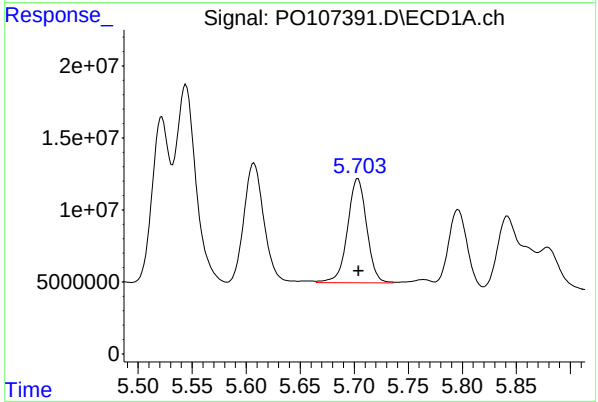
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



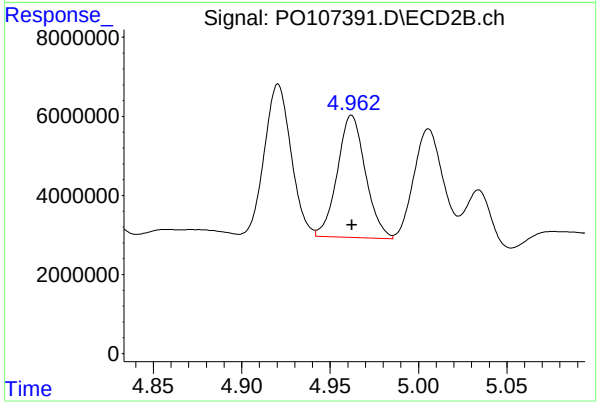
#5 AR-1016-3

R.T.: 4.920 min
Delta R.T.: -0.001 min
Response: 40033692
Conc: 508.39 ng/ml m



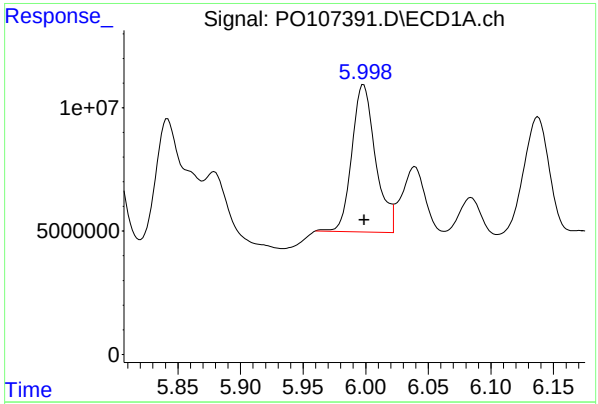
#6 AR-1016-4

R.T.: 5.703 min
Delta R.T.: -0.001 min
Response: 89198345
Conc: 463.10 ng/ml m



#6 AR-1016-4

R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 34130601
Conc: 516.28 ng/ml m



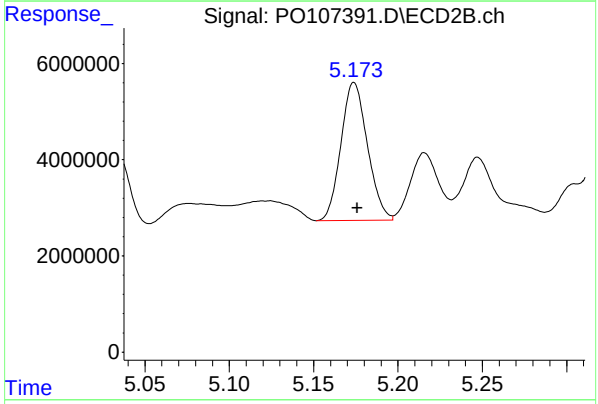
#7 AR-1016-5

R.T.: 5.998 min
Delta R.T.: 0.000 mi
Response: 78476957
Conc: 429.65 ng/m

Instrument :
ECD_O
ClientSampleId :
OR-03-102424MSD

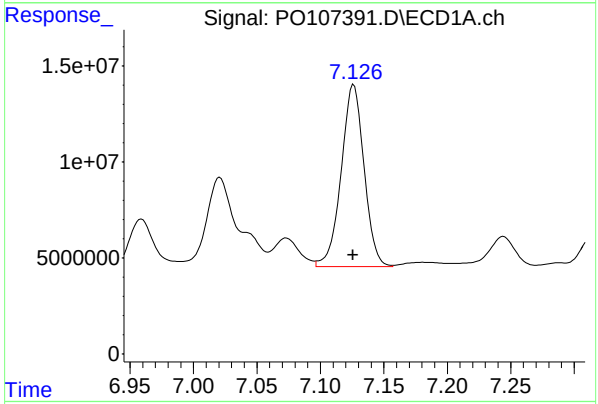
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



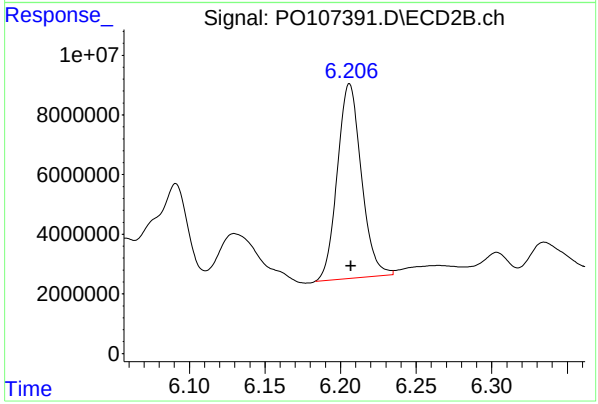
#7 AR-1016-5

R.T.: 5.174 min
Delta R.T.: -0.002 min
Response: 31346099
Conc: 381.65 ng/ml



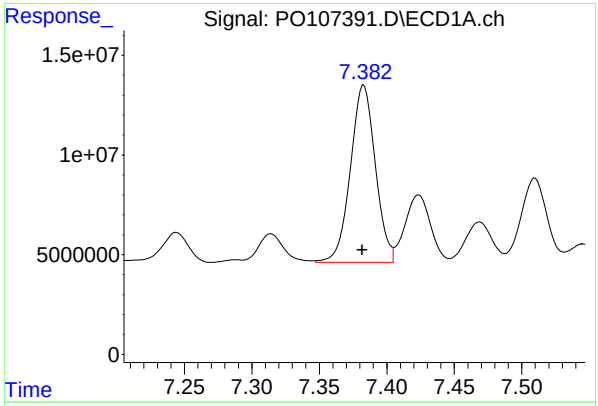
#31 AR-1260-1

R.T.: 7.126 min
Delta R.T.: 0.000 min
Response: 118823148
Conc: 459.51 ng/ml m



#31 AR-1260-1

R.T.: 6.205 min
Delta R.T.: -0.001 min
Response: 72332482
Conc: 466.20 ng/ml m



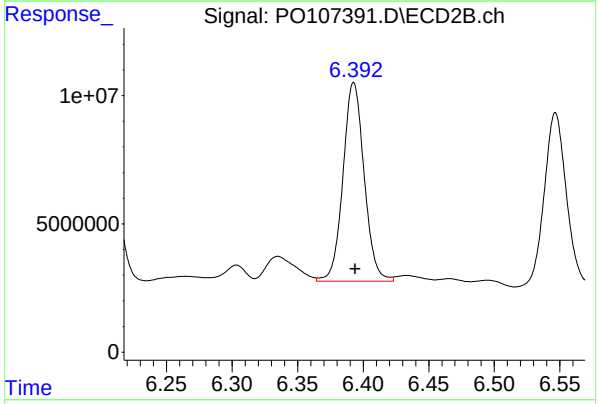
#32 AR-1260-2

R.T.: 7.382 min
Delta R.T.: 0.000 mi
Response: 114455467
Conc: 434.83 ng/m

Instrument :
ECD_O
ClientSampleId :
OR-03-102424MSD

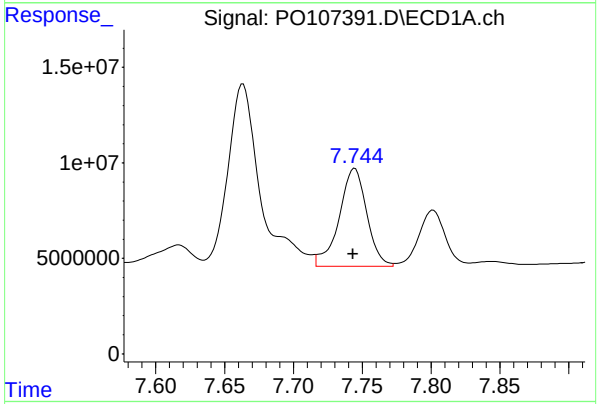
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



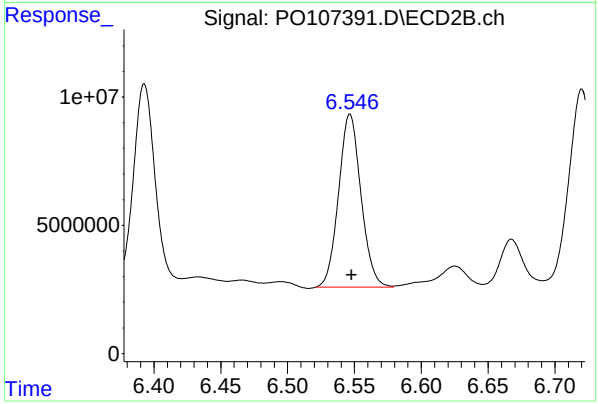
#32 AR-1260-2

R.T.: 6.392 min
Delta R.T.: -0.002 min
Response: 87043411
Conc: 494.24 ng/ml m



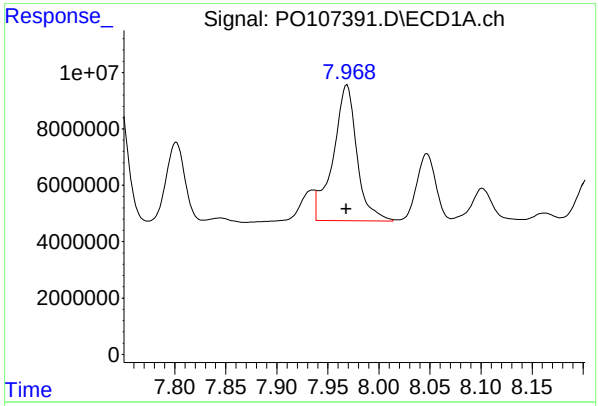
#33 AR-1260-3

R.T.: 7.744 min
Delta R.T.: 0.000 min
Response: 71483803
Conc: 397.70 ng/ml m



#33 AR-1260-3

R.T.: 6.547 min
Delta R.T.: -0.001 min
Response: 78633895
Conc: 468.76 ng/ml



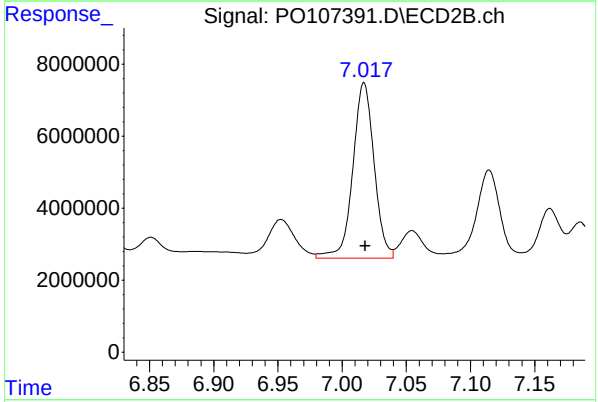
#34 AR-1260-4

R.T.: 7.968 min
Delta R.T.: 0.000 mi
Response: 77661212
Conc: 442.50 ng/m

Instrument :
ECD_O
ClientSampleId :
OR-03-102424MSD

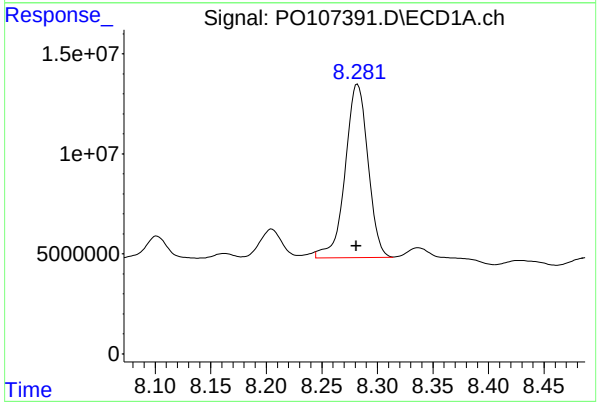
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



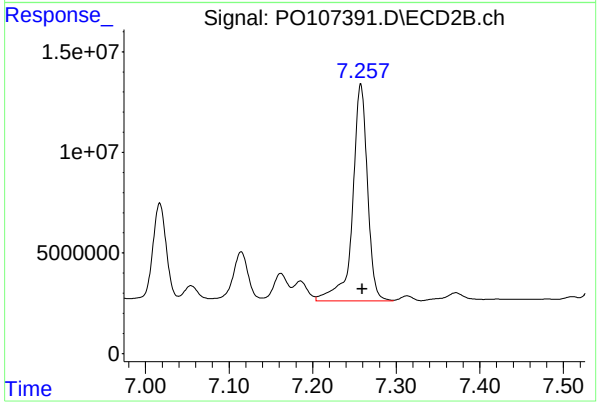
#34 AR-1260-4

R.T.: 7.017 min
Delta R.T.: -0.001 min
Response: 56320880
Conc: 389.28 ng/ml



#35 AR-1260-5

R.T.: 8.281 min
Delta R.T.: 0.000 min
Response: 123724803
Conc: 435.05 ng/ml m



#35 AR-1260-5

R.T.: 7.258 min
Delta R.T.: -0.002 min
Response: 133985373
Conc: 406.71 ng/ml

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Manual Integration Report

Sequence:	po101524	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PO107188.D	AR-1260-1 #2	yogesh	10/16/2024 8:48:58 AM	Ankita	10/16/2024 9:57:34	Peak Integrated by Software
AR1660ICC050	PO107188.D	AR-1260-2	yogesh	10/16/2024 8:48:58 AM	Ankita	10/16/2024 9:57:34	Peak Integrated by Software
AR1660ICC050	PO107188.D	AR-1260-2 #2	yogesh	10/16/2024 8:48:58 AM	Ankita	10/16/2024 9:57:34	Peak Integrated by Software
AR1660ICC050	PO107188.D	AR-1260-3	yogesh	10/16/2024 8:48:58 AM	Ankita	10/16/2024 9:57:34	Peak Integrated by Software
AR1660ICC050	PO107188.D	AR-1260-3 #2	yogesh	10/16/2024 8:48:58 AM	Ankita	10/16/2024 9:57:34	Peak Integrated by Software
AR1660ICC050	PO107188.D	AR-1260-4 #2	yogesh	10/16/2024 8:48:58 AM	Ankita	10/16/2024 9:57:34	Peak Integrated by Software
AR1660ICC050	PO107188.D	AR-1260-5	yogesh	10/16/2024 8:48:58 AM	Ankita	10/16/2024 9:57:34	Peak Integrated by Software
AR1660ICC050	PO107188.D	AR-1260-5 #2	yogesh	10/16/2024 8:48:58 AM	Ankita	10/16/2024 9:57:34	Peak Integrated by Software
AR1660ICC050	PO107188.D	Decachlorobiphenyl #2	yogesh	10/16/2024 8:48:58 AM	Ankita	10/16/2024 9:57:34	Peak Integrated by Software
AR1268ICC050	PO107211.D	AR-1268-1	yogesh	10/16/2024 8:49:03 AM	Ankita	10/16/2024 9:57:36	Peak Integrated by Software

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Manual Integration Report

Sequence:	PO102524	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
P4495-18DL	PO107381.D	Tetrachloro-m-xylene	yogesh	10/28/2024 1:50:18 PM	Ankita	10/28/2024 2:25:37	Peak Integrated by Software
AR1254CCC500	PO107385.D	AR-1254-2 #2	yogesh	10/28/2024 9:21:45 AM	Ankita	10/28/2024 10:40:27	Peak Integrated by Software
P4531-01MS	PO107390.D	AR-1016-1	yogesh	10/28/2024 9:21:48 AM	Ankita	10/28/2024 10:40:30	Peak Integrated by Software
P4531-01MS	PO107390.D	AR-1016-1 #2	yogesh	10/28/2024 9:21:48 AM	Ankita	10/28/2024 10:40:30	Peak Integrated by Software
P4531-01MS	PO107390.D	AR-1016-2	yogesh	10/28/2024 9:21:48 AM	Ankita	10/28/2024 10:40:30	Peak Integrated by Software
P4531-01MS	PO107390.D	AR-1016-2 #2	yogesh	10/28/2024 9:21:48 AM	Ankita	10/28/2024 10:40:30	Peak Integrated by Software
P4531-01MS	PO107390.D	AR-1016-3	yogesh	10/28/2024 9:21:48 AM	Ankita	10/28/2024 10:40:30	Peak Integrated by Software
P4531-01MS	PO107390.D	AR-1016-3 #2	yogesh	10/28/2024 9:21:48 AM	Ankita	10/28/2024 10:40:30	Peak Integrated by Software
P4531-01MS	PO107390.D	AR-1016-4	yogesh	10/28/2024 9:21:48 AM	Ankita	10/28/2024 10:40:30	Peak Integrated by Software
P4531-01MS	PO107390.D	AR-1016-4 #2	yogesh	10/28/2024 9:21:48 AM	Ankita	10/28/2024 10:40:30	Peak Integrated by Software
P4531-01MS	PO107390.D	AR-1260-1	yogesh	10/28/2024 9:21:48 AM	Ankita	10/28/2024 10:40:30	Peak Integrated by Software
P4531-01MS	PO107390.D	AR-1260-1 #2	yogesh	10/28/2024 9:21:48 AM	Ankita	10/28/2024 10:40:30	Peak Integrated by Software
P4531-01MS	PO107390.D	AR-1260-2	yogesh	10/28/2024 9:21:48 AM	Ankita	10/28/2024 10:40:30	Peak Integrated by Software

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Manual Integration Report

Sequence:	PO102524	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
P4531-01MS	PO107390.D	AR-1260-2 #2	yogesh	10/28/2024 9:21:48 AM	Ankita	10/28/2024 10:40:30	Peak Integrated by Software
P4531-01MS	PO107390.D	AR-1260-3	yogesh	10/28/2024 9:21:48 AM	Ankita	10/28/2024 10:40:30	Peak Integrated by Software
P4531-01MS	PO107390.D	AR-1260-4	yogesh	10/28/2024 9:21:48 AM	Ankita	10/28/2024 10:40:30	Peak Integrated by Software
P4531-01MS	PO107390.D	AR-1260-5	yogesh	10/28/2024 9:21:48 AM	Ankita	10/28/2024 10:40:30	Peak Integrated by Software
P4531-01MS	PO107390.D	Tetrachloro-m-xylene	yogesh	10/28/2024 9:21:48 AM	Ankita	10/28/2024 10:40:30	Peak Integrated by Software
P4531-01MS	PO107390.D	Tetrachloro-m-xylene #2	yogesh	10/28/2024 9:21:48 AM	Ankita	10/28/2024 10:40:30	Peak Integrated by Software
P4531-01MSD	PO107391.D	AR-1016-1	yogesh	10/28/2024 9:21:53 AM	Ankita	10/28/2024 10:40:32	Peak Integrated by Software
P4531-01MSD	PO107391.D	AR-1016-1 #2	yogesh	10/28/2024 9:21:53 AM	Ankita	10/28/2024 10:40:32	Peak Integrated by Software
P4531-01MSD	PO107391.D	AR-1016-2	yogesh	10/28/2024 9:21:53 AM	Ankita	10/28/2024 10:40:32	Peak Integrated by Software
P4531-01MSD	PO107391.D	AR-1016-2 #2	yogesh	10/28/2024 9:21:53 AM	Ankita	10/28/2024 10:40:32	Peak Integrated by Software
P4531-01MSD	PO107391.D	AR-1016-3	yogesh	10/28/2024 9:21:53 AM	Ankita	10/28/2024 10:40:32	Peak Integrated by Software
P4531-01MSD	PO107391.D	AR-1016-3 #2	yogesh	10/28/2024 9:21:53 AM	Ankita	10/28/2024 10:40:32	Peak Integrated by Software
P4531-01MSD	PO107391.D	AR-1016-4	yogesh	10/28/2024 9:21:53 AM	Ankita	10/28/2024 10:40:32	Peak Integrated by Software

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Manual Integration Report

Sequence:	PO102524	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
P4531-01MSD	PO107391.D	AR-1016-4 #2	yogesh	10/28/2024 9:21:53 AM	Ankita	10/28/2024 10:40:32	Peak Integrated by Software
P4531-01MSD	PO107391.D	AR-1260-1	yogesh	10/28/2024 9:21:53 AM	Ankita	10/28/2024 10:40:32	Peak Integrated by Software
P4531-01MSD	PO107391.D	AR-1260-1 #2	yogesh	10/28/2024 9:21:53 AM	Ankita	10/28/2024 10:40:32	Peak Integrated by Software
P4531-01MSD	PO107391.D	AR-1260-2	yogesh	10/28/2024 9:21:53 AM	Ankita	10/28/2024 10:40:32	Peak Integrated by Software
P4531-01MSD	PO107391.D	AR-1260-2 #2	yogesh	10/28/2024 9:21:53 AM	Ankita	10/28/2024 10:40:32	Peak Integrated by Software
P4531-01MSD	PO107391.D	AR-1260-3	yogesh	10/28/2024 9:21:53 AM	Ankita	10/28/2024 10:40:32	Peak Integrated by Software
P4531-01MSD	PO107391.D	AR-1260-4	yogesh	10/28/2024 9:21:53 AM	Ankita	10/28/2024 10:40:32	Peak Integrated by Software
P4531-01MSD	PO107391.D	AR-1260-5	yogesh	10/28/2024 9:21:53 AM	Ankita	10/28/2024 10:40:32	Peak Integrated by Software
P4531-01MSD	PO107391.D	Tetrachloro-m-xylene	yogesh	10/28/2024 9:21:53 AM	Ankita	10/28/2024 10:40:32	Peak Integrated by Software
P4531-01MSD	PO107391.D	Tetrachloro-m-xylene #2	yogesh	10/28/2024 9:21:53 AM	Ankita	10/28/2024 10:40:32	Peak Integrated by Software
AR1248CCC500	PO107399.D	AR-1248-5 #2	yogesh	10/28/2024 9:21:57 AM	Ankita	10/28/2024 10:40:36	Peak Integrated by Software
AR1254CCC500	PO107400.D	AR-1254-2 #2	yogesh	10/28/2024 9:21:58 AM	Ankita	10/28/2024 10:40:38	Peak Integrated by Software
AR1248CCC500	PO107411.D	AR-1248-5 #2	yogesh	10/28/2024 9:22:05 AM	Ankita	10/28/2024 10:40:44	Peak Integrated by Software

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Manual Integration Report

Sequence:	PO102524	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	PO102824	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PO107423.D	AR-1254-2 #2	yogesh	10/29/2024 9:25:31 AM	Ankita	10/29/2024 9:46:17	Peak Integrated by Software
P4495-19DL	PO107434.D	AR-1221-3	yogesh	10/29/2024 9:25:36 AM	Ankita	10/29/2024 9:46:20	Peak Integrated by Software
P4495-19DL	PO107434.D	Decachlorobiphenyl	yogesh	10/29/2024 9:25:36 AM	Ankita	10/29/2024 9:46:20	Peak Integrated by Software
AR1660CCC500	PO107435.D	AR-1016-5 #2	yogesh	10/29/2024 9:25:38 AM	Ankita	10/29/2024 9:46:22	Peak Integrated by Software
AR1248CCC500	PO107438.D	AR-1248-5 #2	yogesh	10/29/2024 9:25:40 AM	Ankita	10/29/2024 9:46:23	Peak Integrated by Software
AR1254CCC500	PO107439.D	AR-1254-2 #2	yogesh	10/29/2024 9:25:42 AM	Ankita	10/29/2024 9:46:24	Peak Integrated by Software
AR1242CCC500	PO107452.D	AR-1242-2 #2	yogesh	10/29/2024 1:58:22 PM	Ankita	10/29/2024 1:58:46	Peak Integrated by Software
AR1242CCC500	PO107452.D	AR-1242-3 #2	yogesh	10/29/2024 1:58:22 PM	Ankita	10/29/2024 1:58:46	Peak Integrated by Software
AR1242CCC500	PO107452.D	AR-1242-4 #2	yogesh	10/29/2024 1:58:22 PM	Ankita	10/29/2024 1:58:46	Peak Integrated by Software
AR1242CCC500	PO107452.D	AR-1242-5 #2	yogesh	10/29/2024 1:58:22 PM	Ankita	10/29/2024 1:58:46	Peak Integrated by Software
AR1242CCC500	PO107452.D	Decachlorobiphenyl #2	yogesh	10/29/2024 1:58:22 PM	Ankita	10/29/2024 1:58:46	Peak Integrated by Software
AR1248CCC500	PO107453.D	AR-1248-5 #2	yogesh	10/29/2024 9:25:53 AM	Ankita	10/29/2024 9:46:44	Peak Integrated by Software
AR1254CCC500	PO107454.D	AR-1254-1 #2	yogesh	10/29/2024 9:25:54 AM	Ankita	10/29/2024 9:46:46	Peak Integrated by Software

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Manual Integration Report

Sequence:	PO102824	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PO107454.D	AR-1254-2 #2	yogesh	10/29/2024 9:25:54 AM	Ankita	10/29/2024 9:46:46	Peak Integrated by Software
AR1242CCC500	PO107465.D	Tetrachloro-m-xylene #2	yogesh	10/29/2024 9:26:01 AM	Ankita	10/29/2024 9:47:02	Peak Integrated by Software
AR1248CCC500	PO107466.D	AR-1248-5 #2	yogesh	10/29/2024 9:26:03 AM	Ankita	10/29/2024 9:47:04	Peak Integrated by Software
AR1254CCC500	PO107467.D	AR-1254-2 #2	yogesh	10/29/2024 9:26:05 AM	Ankita	10/29/2024 9:47:06	Peak Integrated by Software

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO101524

Review By	yogesh	Review On	10/16/2024 8:49:12 AM		
Supervise By	Ankita	Supervise On	10/16/2024 9:57:42 AM		
SubDirectory	PO101524	HP Acquire Method		HP Processing Method	PO101524

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23792
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO107180.D	15 Oct 2024 13:05	YP/AJ	Ok
2	AR1660CCC500	PO107181.D	15 Oct 2024 13:23	YP/AJ	Not Ok
3	HEXANE	PO107182.D	15 Oct 2024 17:50	YP/AJ	Ok
4	I.BLK	PO107183.D	15 Oct 2024 18:08	YP/AJ	Ok
5	AR1660ICC1000	PO107184.D	15 Oct 2024 18:27	YP/AJ	Ok
6	AR1660ICC750	PO107185.D	15 Oct 2024 18:45	YP/AJ	Ok
7	AR1660ICC500	PO107186.D	15 Oct 2024 19:03	YP/AJ	Ok
8	AR1660ICC250	PO107187.D	15 Oct 2024 19:21	YP/AJ	Ok
9	AR1660ICC050	PO107188.D	15 Oct 2024 19:39	YP/AJ	Ok,M
10	AR1221ICC500	PO107189.D	15 Oct 2024 19:57	YP/AJ	Ok
11	AR1232ICC500	PO107190.D	15 Oct 2024 20:15	YP/AJ	Ok
12	AR1242ICC1000	PO107191.D	15 Oct 2024 20:34	YP/AJ	Ok
13	AR1242ICC750	PO107192.D	15 Oct 2024 20:52	YP/AJ	Ok
14	AR1242ICC500	PO107193.D	15 Oct 2024 21:10	YP/AJ	Ok
15	AR1242ICC250	PO107194.D	15 Oct 2024 21:28	YP/AJ	Ok
16	AR1242ICC050	PO107195.D	15 Oct 2024 21:46	YP/AJ	Ok
17	AR1248ICC1000	PO107196.D	15 Oct 2024 22:04	YP/AJ	Ok
18	AR1248ICC750	PO107197.D	15 Oct 2024 22:22	YP/AJ	Ok
19	AR1248ICC500	PO107198.D	15 Oct 2024 22:41	YP/AJ	Ok
20	AR1248ICC250	PO107199.D	15 Oct 2024 22:59	YP/AJ	Ok
21	AR1248ICC050	PO107200.D	15 Oct 2024 23:17	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO101524

Review By	yogesh	Review On	10/16/2024 8:49:12 AM		
Supervise By	Ankita	Supervise On	10/16/2024 9:57:42 AM		
SubDirectory	PO101524	HP Acquire Method		HP Processing Method	PO101524

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23792
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	AR1254ICC1000	PO107201.D	15 Oct 2024 23:35	YP/AJ	Ok
23	AR1254ICC750	PO107202.D	15 Oct 2024 23:53	YP/AJ	Ok
24	AR1254ICC500	PO107203.D	16 Oct 2024 00:11	YP/AJ	Ok
25	AR1254ICC250	PO107204.D	16 Oct 2024 00:29	YP/AJ	Ok
26	AR1254ICC050	PO107205.D	16 Oct 2024 00:47	YP/AJ	Ok
27	AR1262ICC500	PO107206.D	16 Oct 2024 01:05	YP/AJ	Ok
28	AR1268ICC1000	PO107207.D	16 Oct 2024 01:23	YP/AJ	Ok
29	AR1268ICC750	PO107208.D	16 Oct 2024 01:41	YP/AJ	Ok
30	AR1268ICC500	PO107209.D	16 Oct 2024 01:59	YP/AJ	Ok
31	AR1268ICC250	PO107210.D	16 Oct 2024 02:18	YP/AJ	Ok
32	AR1268ICC050	PO107211.D	16 Oct 2024 02:36	YP/AJ	Ok,M
33	PO101524ICV500	PO107212.D	16 Oct 2024 02:54	YP/AJ	Ok
34	AR1242ICV500	PO107213.D	16 Oct 2024 03:12	YP/AJ	Ok
35	AR1248ICV500	PO107214.D	16 Oct 2024 03:30	YP/AJ	Ok
36	AR1254ICV500	PO107215.D	16 Oct 2024 03:48	YP/AJ	Ok
37	AR1268ICV500	PO107216.D	16 Oct 2024 04:06	YP/AJ	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO102524

Review By	yogesh	Review On	10/28/2024 9:22:21 AM		
Supervise By	Ankita	Supervise On	10/28/2024 10:41:00 AM		
SubDirectory	PO102524	HP Acquire Method		HP Processing Method	PO101524

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO107369.D	25 Oct 2024 09:07	YP/AJ	Ok
2	AR1660CCC500	PO107370.D	25 Oct 2024 09:25	YP/AJ	Ok
3	AR1242CCC500	PO107371.D	25 Oct 2024 09:43	YP/AJ	Ok
4	AR1248CCC500	PO107372.D	25 Oct 2024 10:01	YP/AJ	Ok
5	AR1254CCC500	PO107373.D	25 Oct 2024 10:41	YP/AJ	Ok
6	I.BLK	PO107374.D	25 Oct 2024 10:59	YP/AJ	Ok
7	PB164397BL	PO107375.D	25 Oct 2024 13:10	YP/AJ	Ok
8	PB164397BS	PO107376.D	25 Oct 2024 13:28	YP/AJ	Ok
9	P4495-18	PO107377.D	25 Oct 2024 13:46	YP/AJ	Dilution
10	PB164405BL	PO107378.D	25 Oct 2024 14:04	YP/AJ	Not Ok
11	PB164405BS	PO107379.D	25 Oct 2024 14:22	YP/AJ	Not Ok
12	P4495-19	PO107380.D	25 Oct 2024 14:40	YP/AJ	Not Ok
13	P4495-18DL	PO107381.D	25 Oct 2024 15:16	YP/AJ	Ok,M
14	AR1660CCC500	PO107382.D	25 Oct 2024 15:49	YP/AJ	Ok
15	AR1242CCC500	PO107383.D	25 Oct 2024 16:07	YP/AJ	Ok
16	AR1248CCC500	PO107384.D	25 Oct 2024 16:25	YP/AJ	Ok
17	AR1254CCC500	PO107385.D	25 Oct 2024 16:43	YP/AJ	Ok,M
18	I.BLK	PO107386.D	25 Oct 2024 17:01	YP/AJ	Ok
19	P4547-01	PO107387.D	25 Oct 2024 17:19	YP/AJ	Ok
20	P4547-05	PO107388.D	25 Oct 2024 17:37	YP/AJ	Ok
21	P4531-01	PO107389.D	25 Oct 2024 17:55	YP/AJ	Ok,M

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO102524

Review By	yogesh	Review On	10/28/2024 9:22:21 AM		
Supervise By	Ankita	Supervise On	10/28/2024 10:41:00 AM		
SubDirectory	PO102524	HP Acquire Method		HP Processing Method	PO101524

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	P4531-01MS	PO107390.D	25 Oct 2024 18:13	YP/AJ	Ok,M
23	P4531-01MSD	PO107391.D	25 Oct 2024 18:31	YP/AJ	Ok,M
24	P4545-01	PO107392.D	25 Oct 2024 18:50	YP/AJ	ReRun
25	P4549-04	PO107393.D	25 Oct 2024 19:08	YP/AJ	ReRun
26	PB164403BL	PO107394.D	25 Oct 2024 19:26	YP/AJ	Not Ok
27	PB164403BS	PO107395.D	25 Oct 2024 19:44	YP/AJ	Ok,M
28	PB164403BSD	PO107396.D	25 Oct 2024 20:02	YP/AJ	Ok
29	AR1660CCC500	PO107397.D	25 Oct 2024 20:48	YP/AJ	Ok
30	AR1242CCC500	PO107398.D	25 Oct 2024 21:06	YP/AJ	Ok
31	AR1248CCC500	PO107399.D	25 Oct 2024 21:24	YP/AJ	Ok,M
32	AR1254CCC500	PO107400.D	25 Oct 2024 21:42	YP/AJ	Ok,M
33	I.BLK	PO107401.D	25 Oct 2024 22:01	YP/AJ	Ok
34	P4511-01	PO107402.D	25 Oct 2024 22:19	YP/AJ	Ok
35	P4512-01	PO107403.D	25 Oct 2024 22:37	YP/AJ	Ok,M
36	P4512-02	PO107404.D	25 Oct 2024 22:55	YP/AJ	Ok,M
37	P4513-04	PO107405.D	25 Oct 2024 23:13	YP/AJ	Ok,M
38	P4546-03	PO107406.D	25 Oct 2024 23:31	YP/AJ	Ok
39	P4549-02	PO107407.D	25 Oct 2024 23:49	YP/AJ	ReRun
40	P4549-03	PO107408.D	26 Oct 2024 00:07	YP/AJ	ReRun
41	AR1660CCC500	PO107409.D	26 Oct 2024 00:54	YP/AJ	Ok
42	AR1242CCC500	PO107410.D	26 Oct 2024 01:12	YP/AJ	Ok
43	AR1248CCC500	PO107411.D	26 Oct 2024 01:30	YP/AJ	Ok,M
44	AR1254CCC500	PO107412.D	26 Oct 2024 01:48	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO102524

Review By	yogesh	Review On	10/28/2024 9:22:21 AM		
Supervise By	Ankita	Supervise On	10/28/2024 10:41:00 AM		
SubDirectory	PO102524	HP Acquire Method		HP Processing Method	PO101524

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750 ,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP2376 5,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	I.BLK	PO107413.D	26 Oct 2024 02:06	YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO102824

Review By	yogesh	Review On	10/29/2024 9:26:23 AM		
Supervise By	Ankita	Supervise On	10/29/2024 9:47:18 AM		
SubDirectory	PO102824	HP Acquire Method		HP Processing Method	PO101524

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	I.BLK	PO107414.D	28 Oct 2024 09:16	YP/AJ	Ok
2	AR1221ICC1000	PO107415.D	28 Oct 2024 09:34	YP/AJ	Ok
3	AR1221ICC750	PO107416.D	28 Oct 2024 09:52	YP/AJ	Ok
4	AR1221ICC500	PO107417.D	28 Oct 2024 10:10	YP/AJ	Ok
5	AR1221ICC250	PO107418.D	28 Oct 2024 10:28	YP/AJ	Ok
6	AR1221ICC050	PO107419.D	28 Oct 2024 10:46	YP/AJ	Ok
7	AR1221ICV500	PO107420.D	28 Oct 2024 11:04	YP/AJ	Ok
8	AR1660CCC500	PO107421.D	28 Oct 2024 11:22	YP/AJ	Ok
9	AR1221CCC500	PO107422.D	28 Oct 2024 11:40	YP/AJ	Ok
10	AR1254CCC500	PO107423.D	28 Oct 2024 11:58	YP/AJ	Ok,M
11	I.BLK	PO107424.D	28 Oct 2024 12:16	YP/AJ	Ok
12	PB164405BL	PO107425.D	28 Oct 2024 12:34	YP/AJ	Ok
13	PB164405BS	PO107426.D	28 Oct 2024 12:52	YP/AJ	Ok
14	P4495-19	PO107427.D	28 Oct 2024 13:10	YP/AJ	Dilution
15	P4495-19DL	PO107428.D	28 Oct 2024 13:28	YP/AJ	Not Ok
16	PB164403BL	PO107429.D	28 Oct 2024 13:46	YP/AJ	Ok
17	P4549-02RE	PO107430.D	28 Oct 2024 14:04	YP/AJ	Confirms
18	P4549-03RE	PO107431.D	28 Oct 2024 14:22	YP/AJ	Confirms
19	P4549-04RE	PO107432.D	28 Oct 2024 14:40	YP/AJ	Confirms
20	P4545-01RE	PO107433.D	28 Oct 2024 14:58	YP/AJ	Confirms
21	P4495-19DL	PO107434.D	28 Oct 2024 15:52	YP/AJ	Ok,M

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO102824

Review By	yogesh	Review On	10/29/2024 9:26:23 AM		
Supervise By	Ankita	Supervise On	10/29/2024 9:47:18 AM		
SubDirectory	PO102824	HP Acquire Method		HP Processing Method	PO101524

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	AR1660CCC500	PO107435.D	28 Oct 2024 16:10	YP/AJ	Ok,M
23	AR1221CCC500	PO107436.D	28 Oct 2024 16:28	YP/AJ	Ok
24	AR1242CCC500	PO107437.D	28 Oct 2024 16:46	YP/AJ	Ok
25	AR1248CCC500	PO107438.D	28 Oct 2024 17:04	YP/AJ	Ok,M
26	AR1254CCC500	PO107439.D	28 Oct 2024 17:22	YP/AJ	Ok,M
27	I.BLK	PO107440.D	28 Oct 2024 17:40	YP/AJ	Ok
28	PB164459BL	PO107441.D	28 Oct 2024 17:58	YP/AJ	Ok
29	PB164459BS	PO107442.D	28 Oct 2024 18:16	YP/AJ	Ok,M
30	P4561-01	PO107443.D	28 Oct 2024 18:34	YP/AJ	Ok
31	P4561-05	PO107444.D	28 Oct 2024 18:52	YP/AJ	Ok
32	P4566-01	PO107445.D	28 Oct 2024 19:10	YP/AJ	Ok,M
33	P4566-01MS	PO107446.D	28 Oct 2024 19:28	YP/AJ	Ok,M
34	P4566-01MSD	PO107447.D	28 Oct 2024 19:46	YP/AJ	Ok,M
35	P4567-01	PO107448.D	28 Oct 2024 20:04	YP/AJ	Ok
36	P4567-05	PO107449.D	28 Oct 2024 20:22	YP/AJ	Ok
37	P4567-09	PO107450.D	28 Oct 2024 20:40	YP/AJ	Ok
38	AR1660CCC500	PO107451.D	28 Oct 2024 21:27	YP/AJ	Ok
39	AR1242CCC500	PO107452.D	28 Oct 2024 21:45	YP/AJ	Not Ok
40	AR1248CCC500	PO107453.D	28 Oct 2024 22:03	YP/AJ	Ok,M
41	AR1254CCC500	PO107454.D	28 Oct 2024 22:21	YP/AJ	Ok,M
42	I.BLK	PO107455.D	28 Oct 2024 22:39	YP/AJ	Ok
43	P4574-01	PO107456.D	28 Oct 2024 22:57	YP/AJ	Ok
44	P4574-04	PO107457.D	28 Oct 2024 23:15	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO102824

Review By	yogesh	Review On	10/29/2024 9:26:23 AM		
Supervise By	Ankita	Supervise On	10/29/2024 9:47:18 AM		
SubDirectory	PO102824	HP Acquire Method		HP Processing Method	PO101524

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750 ,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP2376 5,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	P4575-01	PO107458.D	28 Oct 2024 23:33	YP/AJ	Ok,M
46	P4577-01	PO107459.D	28 Oct 2024 23:51	YP/AJ	Ok
47	P4578-03	PO107460.D	29 Oct 2024 00:09	YP/AJ	Ok,M
48	P4578-04	PO107461.D	29 Oct 2024 00:27	YP/AJ	Ok,M
49	P4578-05	PO107462.D	29 Oct 2024 00:45	YP/AJ	Ok
50	P4578-07	PO107463.D	29 Oct 2024 01:03	YP/AJ	Ok
51	AR1660CCC500	PO107464.D	29 Oct 2024 01:50	YP/AJ	Ok
52	AR1242CCC500	PO107465.D	29 Oct 2024 02:08	YP/AJ	Ok,M
53	AR1248CCC500	PO107466.D	29 Oct 2024 02:26	YP/AJ	Ok,M
54	AR1254CCC500	PO107467.D	29 Oct 2024 02:44	YP/AJ	Ok,M
55	I.BLK	PO107468.D	29 Oct 2024 03:02	YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO101524

Review By	yogesh	Review On	10/16/2024 8:49:12 AM		
Supervise By	Ankita	Supervise On	10/16/2024 9:57:42 AM		
SubDirectory	PO101524	HP Acquire Method		HP Processing Method	PO101524

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23792
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO107180.D	15 Oct 2024 13:05		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO107181.D	15 Oct 2024 13:23	need ICAL	YP/AJ	Not Ok
3	HEXANE	HEXANE	PO107182.D	15 Oct 2024 17:50		YP/AJ	Ok
4	I.BLK	I.BLK	PO107183.D	15 Oct 2024 18:08		YP/AJ	Ok
5	AR1660ICC1000	AR1660ICC1000	PO107184.D	15 Oct 2024 18:27		YP/AJ	Ok
6	AR1660ICC750	AR1660ICC750	PO107185.D	15 Oct 2024 18:45		YP/AJ	Ok
7	AR1660ICC500	AR1660ICC500	PO107186.D	15 Oct 2024 19:03		YP/AJ	Ok
8	AR1660ICC250	AR1660ICC250	PO107187.D	15 Oct 2024 19:21		YP/AJ	Ok
9	AR1660ICC050	AR1660ICC050	PO107188.D	15 Oct 2024 19:39		YP/AJ	Ok,M
10	AR1221ICC500	AR1221ICC500	PO107189.D	15 Oct 2024 19:57		YP/AJ	Ok
11	AR1232ICC500	AR1232ICC500	PO107190.D	15 Oct 2024 20:15		YP/AJ	Ok
12	AR1242ICC1000	AR1242ICC1000	PO107191.D	15 Oct 2024 20:34		YP/AJ	Ok
13	AR1242ICC750	AR1242ICC750	PO107192.D	15 Oct 2024 20:52		YP/AJ	Ok
14	AR1242ICC500	AR1242ICC500	PO107193.D	15 Oct 2024 21:10		YP/AJ	Ok
15	AR1242ICC250	AR1242ICC250	PO107194.D	15 Oct 2024 21:28		YP/AJ	Ok
16	AR1242ICC050	AR1242ICC050	PO107195.D	15 Oct 2024 21:46		YP/AJ	Ok
17	AR1248ICC1000	AR1248ICC1000	PO107196.D	15 Oct 2024 22:04		YP/AJ	Ok
18	AR1248ICC750	AR1248ICC750	PO107197.D	15 Oct 2024 22:22		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO101524

Review By	yogesh	Review On	10/16/2024 8:49:12 AM		
Supervise By	Ankita	Supervise On	10/16/2024 9:57:42 AM		
SubDirectory	PO101524	HP Acquire Method		HP Processing Method	PO101524

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23792
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248ICC500	AR1248ICC500	PO107198.D	15 Oct 2024 22:41		YP/AJ	Ok
20	AR1248ICC250	AR1248ICC250	PO107199.D	15 Oct 2024 22:59		YP/AJ	Ok
21	AR1248ICC050	AR1248ICC050	PO107200.D	15 Oct 2024 23:17		YP/AJ	Ok
22	AR1254ICC1000	AR1254ICC1000	PO107201.D	15 Oct 2024 23:35		YP/AJ	Ok
23	AR1254ICC750	AR1254ICC750	PO107202.D	15 Oct 2024 23:53		YP/AJ	Ok
24	AR1254ICC500	AR1254ICC500	PO107203.D	16 Oct 2024 00:11		YP/AJ	Ok
25	AR1254ICC250	AR1254ICC250	PO107204.D	16 Oct 2024 00:29		YP/AJ	Ok
26	AR1254ICC050	AR1254ICC050	PO107205.D	16 Oct 2024 00:47		YP/AJ	Ok
27	AR1262ICC500	AR1262ICC500	PO107206.D	16 Oct 2024 01:05		YP/AJ	Ok
28	AR1268ICC1000	AR1268ICC1000	PO107207.D	16 Oct 2024 01:23		YP/AJ	Ok
29	AR1268ICC750	AR1268ICC750	PO107208.D	16 Oct 2024 01:41		YP/AJ	Ok
30	AR1268ICC500	AR1268ICC500	PO107209.D	16 Oct 2024 01:59		YP/AJ	Ok
31	AR1268ICC250	AR1268ICC250	PO107210.D	16 Oct 2024 02:18		YP/AJ	Ok
32	AR1268ICC050	AR1268ICC050	PO107211.D	16 Oct 2024 02:36		YP/AJ	Ok,M
33	PO101524ICV500	ICVPO101524	PO107212.D	16 Oct 2024 02:54		YP/AJ	Ok
34	AR1242ICV500	ICVPO101524AR1242	PO107213.D	16 Oct 2024 03:12		YP/AJ	Ok
35	AR1248ICV500	ICVPO101524AR1248	PO107214.D	16 Oct 2024 03:30		YP/AJ	Ok
36	AR1254ICV500	ICVPO101524AR1254	PO107215.D	16 Oct 2024 03:48		YP/AJ	Ok
37	AR1268ICV500	ICVPO101524AR1268	PO107216.D	16 Oct 2024 04:06		YP/AJ	Ok

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Fax : 908 789 8922

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO101524

Review By	yogesh	Review On	10/16/2024 8:49:12 AM		
Supervise By	Ankita	Supervise On	10/16/2024 9:57:42 AM		
SubDirectory	PO101524	HP Acquire Method		HP Processing Method	PO101524

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23792
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

M : Manual Integration

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO102524

Review By	yogesh	Review On	10/28/2024 9:22:21 AM		
Supervise By	Ankita	Supervise On	10/28/2024 10:41:00 AM		
SubDirectory	PO102524	HP Acquire Method		HP Processing Method	PO101524

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO107369.D	25 Oct 2024 09:07		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO107370.D	25 Oct 2024 09:25		YP/AJ	Ok
3	AR1242CCC500	AR1242CCC500	PO107371.D	25 Oct 2024 09:43		YP/AJ	Ok
4	AR1248CCC500	AR1248CCC500	PO107372.D	25 Oct 2024 10:01		YP/AJ	Ok
5	AR1254CCC500	AR1254CCC500	PO107373.D	25 Oct 2024 10:41		YP/AJ	Ok
6	I.BLK	I.BLK	PO107374.D	25 Oct 2024 10:59		YP/AJ	Ok
7	PB164397BL	PB164397BL	PO107375.D	25 Oct 2024 13:10		YP/AJ	Ok
8	PB164397BS	PB164397BS	PO107376.D	25 Oct 2024 13:28		YP/AJ	Ok
9	P4495-18	PT-PCB-SOIL	PO107377.D	25 Oct 2024 13:46	AR1016 Hit, Need 25x Dilution	YP/AJ	Dilution
10	PB164405BL	PB164405BL	PO107378.D	25 Oct 2024 14:04	not use	YP/AJ	Not Ok
11	PB164405BS	PB164405BS	PO107379.D	25 Oct 2024 14:22	not use	YP/AJ	Not Ok
12	P4495-19	PT-PCBO-SOIL	PO107380.D	25 Oct 2024 14:40	AR1221 hit-need 5 point ICAL	YP/AJ	Not Ok
13	P4495-18DL	PT-PCB-SOILDL	PO107381.D	25 Oct 2024 15:16	AR1016 Hit,	YP/AJ	Ok,M
14	AR1660CCC500	AR1660CCC500	PO107382.D	25 Oct 2024 15:49		YP/AJ	Ok
15	AR1242CCC500	AR1242CCC500	PO107383.D	25 Oct 2024 16:07		YP/AJ	Ok
16	AR1248CCC500	AR1248CCC500	PO107384.D	25 Oct 2024 16:25		YP/AJ	Ok
17	AR1254CCC500	AR1254CCC500	PO107385.D	25 Oct 2024 16:43		YP/AJ	Ok,M
18	I.BLK	I.BLK	PO107386.D	25 Oct 2024 17:01		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO102524

Review By	yogesh	Review On	10/28/2024 9:22:21 AM		
Supervise By	Ankita	Supervise On	10/28/2024 10:41:00 AM		
SubDirectory	PO102524	HP Acquire Method		HP Processing Method	PO101524

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	P4547-01	BP-F-21	PO107387.D	25 Oct 2024 17:19		YP/AJ	Ok
20	P4547-05	BP-F-20	PO107388.D	25 Oct 2024 17:37		YP/AJ	Ok
21	P4531-01	OR-03-102424	PO107389.D	25 Oct 2024 17:55		YP/AJ	Ok,M
22	P4531-01MS	OR-03-102424MS	PO107390.D	25 Oct 2024 18:13		YP/AJ	Ok,M
23	P4531-01MSD	OR-03-102424MSD	PO107391.D	25 Oct 2024 18:31		YP/AJ	Ok,M
24	P4545-01	VNJ-215	PO107392.D	25 Oct 2024 18:50	AR1254& 1260 Hit, DCB high in both column	YP/AJ	ReRun
25	P4549-04	TT-069-IDWGW-20241	PO107393.D	25 Oct 2024 19:08	DCB low in both column	YP/AJ	ReRun
26	PB164403BL	PB164403BL	PO107394.D	25 Oct 2024 19:26	wrong vial	YP/AJ	Not Ok
27	PB164403BS	PB164403BS	PO107395.D	25 Oct 2024 19:44		YP/AJ	Ok,M
28	PB164403BSD	PB164403BSD	PO107396.D	25 Oct 2024 20:02		YP/AJ	Ok
29	AR1660CCC500	AR1660CCC500	PO107397.D	25 Oct 2024 20:48		YP/AJ	Ok
30	AR1242CCC500	AR1242CCC500	PO107398.D	25 Oct 2024 21:06		YP/AJ	Ok
31	AR1248CCC500	AR1248CCC500	PO107399.D	25 Oct 2024 21:24		YP/AJ	Ok,M
32	AR1254CCC500	AR1254CCC500	PO107400.D	25 Oct 2024 21:42		YP/AJ	Ok,M
33	I.BLK	I.BLK	PO107401.D	25 Oct 2024 22:01		YP/AJ	Ok
34	P4511-01	266	PO107402.D	25 Oct 2024 22:19		YP/AJ	Ok
35	P4512-01	3140	PO107403.D	25 Oct 2024 22:37		YP/AJ	Ok,M
36	P4512-02	3149	PO107404.D	25 Oct 2024 22:55	DCB low in 2nd column	YP/AJ	Ok,M
37	P4513-04	D3682	PO107405.D	25 Oct 2024 23:13		YP/AJ	Ok,M

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO102524

Review By	yogesh	Review On	10/28/2024 9:22:21 AM		
Supervise By	Ankita	Supervise On	10/28/2024 10:41:00 AM		
SubDirectory	PO102524	HP Acquire Method		HP Processing Method	PO101524

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	P4546-03	34839-40	PO107406.D	25 Oct 2024 23:31		YP/AJ	Ok
39	P4549-02	TT-067-IDWGW-20241	PO107407.D	25 Oct 2024 23:49	DCB low in both column	YP/AJ	ReRun
40	P4549-03	TT-068-IDWGW-20241	PO107408.D	26 Oct 2024 00:07	DCB low in both column	YP/AJ	ReRun
41	AR1660CCC500	AR1660CCC500	PO107409.D	26 Oct 2024 00:54		YP/AJ	Ok
42	AR1242CCC500	AR1242CCC500	PO107410.D	26 Oct 2024 01:12		YP/AJ	Ok
43	AR1248CCC500	AR1248CCC500	PO107411.D	26 Oct 2024 01:30		YP/AJ	Ok,M
44	AR1254CCC500	AR1254CCC500	PO107412.D	26 Oct 2024 01:48		YP/AJ	Ok
45	I.BLK	I.BLK	PO107413.D	26 Oct 2024 02:06		YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO102824

Review By	yogesh	Review On	10/29/2024 9:26:23 AM		
Supervise By	Ankita	Supervise On	10/29/2024 9:47:18 AM		
SubDirectory	PO102824	HP Acquire Method		HP Processing Method	PO101524

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	I.BLK	I.BLK	PO107414.D	28 Oct 2024 09:16		YP/AJ	Ok
2	AR1221ICC1000	AR1221ICC1000	PO107415.D	28 Oct 2024 09:34		YP/AJ	Ok
3	AR1221ICC750	AR1221ICC750	PO107416.D	28 Oct 2024 09:52		YP/AJ	Ok
4	AR1221ICC500	AR1221ICC500	PO107417.D	28 Oct 2024 10:10		YP/AJ	Ok
5	AR1221ICC250	AR1221ICC250	PO107418.D	28 Oct 2024 10:28		YP/AJ	Ok
6	AR1221ICC050	AR1221ICC050	PO107419.D	28 Oct 2024 10:46		YP/AJ	Ok
7	AR1221ICV500	ICVPO102824AR1221	PO107420.D	28 Oct 2024 11:04		YP/AJ	Ok
8	AR1660CCC500	AR1660CCC500	PO107421.D	28 Oct 2024 11:22		YP/AJ	Ok
9	AR1221CCC500	AR1221CCC500	PO107422.D	28 Oct 2024 11:40		YP/AJ	Ok
10	AR1254CCC500	AR1254CCC500	PO107423.D	28 Oct 2024 11:58		YP/AJ	Ok,M
11	I.BLK	I.BLK	PO107424.D	28 Oct 2024 12:16		YP/AJ	Ok
12	PB164405BL	PB164405BL	PO107425.D	28 Oct 2024 12:34		YP/AJ	Ok
13	PB164405BS	PB164405BS	PO107426.D	28 Oct 2024 12:52		YP/AJ	Ok
14	P4495-19	PT-PCBO-SOIL	PO107427.D	28 Oct 2024 13:10	AR1221 hit-need 5X	YP/AJ	Dilution
15	P4495-19DL	PT-PCBO-SOILDL	PO107428.D	28 Oct 2024 13:28	AR1221 hit,dilution not match	YP/AJ	Not Ok
16	PB164403BL	PB164403BL	PO107429.D	28 Oct 2024 13:46		YP/AJ	Ok
17	P4549-02RE	TT-067-IDWGW-20241	PO107430.D	28 Oct 2024 14:04	DCB low in both column	YP/AJ	Confirms
18	P4549-03RE	TT-068-IDWGW-20241	PO107431.D	28 Oct 2024 14:22	DCB low in both column	YP/AJ	Confirms

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO102824

Review By	yogesh	Review On	10/29/2024 9:26:23 AM		
Supervise By	Ankita	Supervise On	10/29/2024 9:47:18 AM		
SubDirectory	PO102824	HP Acquire Method		HP Processing Method	PO101524

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	P4549-04RE	TT-069-IDWGW-20241	PO107432.D	28 Oct 2024 14:40	DCB low in both column	YP/AJ	Confirms
20	P4545-01RE	VNJ-215RE	PO107433.D	28 Oct 2024 14:58	AR1254& 1260 Hit, DCB high in both column	YP/AJ	Confirms
21	P4495-19DL	PT-PCBO-SOILDL	PO107434.D	28 Oct 2024 15:52	AR1221 Hit	YP/AJ	Ok,M
22	AR1660CCC500	AR1660CCC500	PO107435.D	28 Oct 2024 16:10		YP/AJ	Ok,M
23	AR1221CCC500	AR1221CCC500	PO107436.D	28 Oct 2024 16:28		YP/AJ	Ok
24	AR1242CCC500	AR1242CCC500	PO107437.D	28 Oct 2024 16:46		YP/AJ	Ok
25	AR1248CCC500	AR1248CCC500	PO107438.D	28 Oct 2024 17:04		YP/AJ	Ok,M
26	AR1254CCC500	AR1254CCC500	PO107439.D	28 Oct 2024 17:22		YP/AJ	Ok,M
27	I.BLK	I.BLK	PO107440.D	28 Oct 2024 17:40		YP/AJ	Ok
28	PB164459BL	PB164459BL	PO107441.D	28 Oct 2024 17:58		YP/AJ	Ok
29	PB164459BS	PB164459BS	PO107442.D	28 Oct 2024 18:16		YP/AJ	Ok,M
30	P4561-01	BP-F-19	PO107443.D	28 Oct 2024 18:34		YP/AJ	Ok
31	P4561-05	BP-F-18	PO107444.D	28 Oct 2024 18:52		YP/AJ	Ok
32	P4566-01	HD-01-102524	PO107445.D	28 Oct 2024 19:10		YP/AJ	Ok,M
33	P4566-01MS	HD-01-102524MS	PO107446.D	28 Oct 2024 19:28		YP/AJ	Ok,M
34	P4566-01MSD	HD-01-102524MSD	PO107447.D	28 Oct 2024 19:46		YP/AJ	Ok,M
35	P4567-01	WC-1	PO107448.D	28 Oct 2024 20:04		YP/AJ	Ok
36	P4567-05	WC-2	PO107449.D	28 Oct 2024 20:22		YP/AJ	Ok
37	P4567-09	WC-3	PO107450.D	28 Oct 2024 20:40		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO102824

Review By	yogesh	Review On	10/29/2024 9:26:23 AM		
Supervise By	Ankita	Supervise On	10/29/2024 9:47:18 AM		
SubDirectory	PO102824	HP Acquire Method		HP Processing Method	PO101524

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	AR1660CCC500	AR1660CCC500	PO107451.D	28 Oct 2024 21:27	AR1016 - comp#3 low in 1st column , DCB low in 2nd column	YP/AJ	Ok
39	AR1242CCC500	AR1242CCC500	PO107452.D	28 Oct 2024 21:45	F flag in TCMX , DCB low in 2nd column , Comp#3,4 low in 1st column , Comp#4,5 low in 2nd column	YP/AJ	Not Ok
40	AR1248CCC500	AR1248CCC500	PO107453.D	28 Oct 2024 22:03	Comp#3 low in 1st column	YP/AJ	Ok,M
41	AR1254CCC500	AR1254CCC500	PO107454.D	28 Oct 2024 22:21	Comp#1 low in 1st column	YP/AJ	Ok,M
42	I.BLK	I.BLK	PO107455.D	28 Oct 2024 22:39		YP/AJ	Ok
43	P4574-01	GRAVEL-1	PO107456.D	28 Oct 2024 22:57		YP/AJ	Ok
44	P4574-04	GRAVEL-2	PO107457.D	28 Oct 2024 23:15		YP/AJ	Ok
45	P4575-01	PL-02-102424	PO107458.D	28 Oct 2024 23:33		YP/AJ	Ok,M
46	P4577-01	TR-05-102524	PO107459.D	28 Oct 2024 23:51		YP/AJ	Ok
47	P4578-03	WB-305-TOP	PO107460.D	29 Oct 2024 00:09		YP/AJ	Ok,M
48	P4578-04	WB-305-TOP-1	PO107461.D	29 Oct 2024 00:27		YP/AJ	Ok,M
49	P4578-05	WB-305-BOT	PO107462.D	29 Oct 2024 00:45		YP/AJ	Ok
50	P4578-07	WB-305-BOT-1	PO107463.D	29 Oct 2024 01:03		YP/AJ	Ok
51	AR1660CCC500	AR1660CCC500	PO107464.D	29 Oct 2024 01:50		YP/AJ	Ok
52	AR1242CCC500	AR1242CCC500	PO107465.D	29 Oct 2024 02:08		YP/AJ	Ok,M
53	AR1248CCC500	AR1248CCC500	PO107466.D	29 Oct 2024 02:26		YP/AJ	Ok,M
54	AR1254CCC500	AR1254CCC500	PO107467.D	29 Oct 2024 02:44		YP/AJ	Ok,M
55	I.BLK	I.BLK	PO107468.D	29 Oct 2024 03:02		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO102824

Review By	yogesh	Review On	10/29/2024 9:26:23 AM		
Supervise By	Ankita	Supervise On	10/29/2024 9:47:18 AM		
SubDirectory	PO102824	HP Acquire Method		HP Processing Method	PO101524

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/25/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 10/23/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:20
Out Date: 10/24/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB133085

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
P4488-09	HCC-1	1	1.00	1.00	2.00	2.00	100.0	oil sample
P4488-10	HCC-2	2	1.00	1.00	2.00	2.00	100.0	oil sample
P4495-01	PT-AN-SOIL	3	1.00	1.00	2.00	2.00	100.0	
P4495-02	PT-CORR-SOIL	4	1.00	1.00	2.00	2.00	100.0	
P4495-03	PT-CN-SOIL	5	1.00	1.00	2.00	2.00	100.0	
P4495-04	PT-CN-SOIL	6	1.00	1.00	2.00	2.00	100.0	
P4495-05	PT-FP-SOIL	7	1.00	1.00	2.00	2.00	100.0	
P4495-06	PT-CR6-SOIL	8	1.00	1.00	2.00	2.00	100.0	
P4495-07	PT-NUT-SOIL	9	1.00	1.00	2.00	2.00	100.0	
P4495-08	PT-NUT-SOIL	10	1.00	1.00	2.00	2.00	100.0	
P4495-09	PT-OGR-SOIL	11	1.00	1.00	2.00	2.00	100.0	
P4495-10	PT-MET-SOIL	12	1.00	1.00	2.00	2.00	100.0	
P4495-11	PT-BNA-SOIL	13	1.00	1.00	2.00	2.00	100.0	
P4495-12	PT-TRIAZINE-SOIL	14	1.00	1.00	2.00	2.00	100.0	
P4495-13	PT-PAH-SOIL	15	1.00	1.00	2.00	2.00	100.0	
P4495-14	PT-DIES-SOIL	16	1.00	1.00	2.00	2.00	100.0	
P4495-15	PT-GAS-SOIL	17	1.00	1.00	2.00	2.00	100.0	
P4495-16	PT-NJEPH-SOIL	18	1.00	1.00	2.00	2.00	100.0	
P4495-17	PT-HERB-SOIL	19	1.00	1.00	2.00	2.00	100.0	
P4495-18	PT-PCB-SOIL	20	1.00	1.00	2.00	2.00	100.0	
P4495-19	PT-PCBO-SOIL	21	1.00	1.00	2.00	2.00	100.0	
P4495-20	PT-PEST-SOIL	22	1.00	1.00	2.00	2.00	100.0	
P4495-21	PT-CHLR-SOIL	23	1.00	1.00	2.00	2.00	100.0	
P4495-22	PT-TXP-SOIL	24	1.00	1.00	2.00	2.00	100.0	
P4495-23	PT-VOA-SOIL	25	1.00	1.00	2.00	2.00	100.0	
P4495-24	PT-SOL-SOIL	26	0.92	8.80	9.72	7.58	75.7	
P4495-25	PT-NO2-SOIL	27	1.00	1.00	2.00	2.00	100.0	
P4508-01	TP-3	28	1.14	8.38	9.52	8.64	89.5	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/25/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 10/23/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:20
Out Date: 10/24/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB133085

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
P4508-02	TP-3-EPH	29	1.15	8.81	9.96	9.22	91.6	
P4508-03	TP-3-VOC	30	1.15	8.66	9.81	8.88	89.3	
P4508-05	BP-F23	31	1.15	8.82	9.97	9.22	91.5	
P4508-06	BP-F23-EPH	32	1.14	8.83	9.97	9.29	92.3	
P4508-07	BP-F23-VOC	33	1.15	8.40	9.55	8.61	88.8	
P4508-09	BP-F22	34	1.18	8.78	9.96	9.15	90.8	
P4508-10	BP-F22-EPH	35	1.15	8.70	9.85	8.98	90.0	
P4508-11	BP-F22-VOC	36	1.16	8.60	9.76	8.68	87.4	
P4509-02	AU-06-10232024	37	1.12	8.82	9.94	9.44	94.3	
P4510-01	FDH119M-1-1	38	1.00	1.00	2.00	2.00	100.0	pilc
P4510-02	FDH119M-1-2	39	1.00	1.00	2.00	2.00	100.0	pilc
P4510-03	BC271327-1-1	40	1.00	1.00	2.00	2.00	100.0	pilc
P4510-04	BC271327-1-2	41	1.00	1.00	2.00	2.00	100.0	pilc
P4510-05	BC271327-2-1	42	1.00	1.00	2.00	2.00	100.0	pilc
P4510-06	BC271327-2-2	43	1.00	1.00	2.00	2.00	100.0	pilc
P4510-07	FDA886K-1-1	44	1.00	1.00	2.00	2.00	100.0	pilc
P4510-08	FDA886K-1-2	45	1.00	1.00	2.00	2.00	100.0	pilc
P4510-09	FDA886K-2-1	46	1.00	1.00	2.00	2.00	100.0	pilc
P4510-10	FDA886K-2-2	47	1.00	1.00	2.00	2.00	100.0	pilc
P4510-11	HID111K-1-1	48	1.00	1.00	2.00	2.00	100.0	pilc
P4510-12	HID111K-1-2	49	1.00	1.00	2.00	2.00	100.0	pilc
P4510-13	HID111K-2-1	50	1.00	1.00	2.00	2.00	100.0	pilc
P4510-14	HID111K-2-2	51	1.00	1.00	2.00	2.00	100.0	pilc
P4510-15	HID111K-3-1	52	1.00	1.00	2.00	2.00	100.0	pilc
P4510-16	HID111K-3-2	53	1.00	1.00	2.00	2.00	100.0	pilc
P4510-17	FDA563W-1-1	54	1.00	1.00	2.00	2.00	100.0	pilc
P4510-18	FDA563W-1-2	55	1.00	1.00	2.00	2.00	100.0	pilc
P4510-19	FDA563W-2-1	56	1.00	1.00	2.00	2.00	100.0	pilc

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/25/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 10/23/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:20
Out Date: 10/24/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB133085

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
P4510-20	FDA563W-2-2	57	1.00	1.00	2.00	2.00	100.0	oilc
P4510-21	JEC128C-1-1	58	1.00	1.00	2.00	2.00	100.0	oilc
P4510-22	JEC128C-1-2	59	1.00	1.00	2.00	2.00	100.0	oilc
P4510-23	JEC128C-2-1	60	1.00	1.00	2.00	2.00	100.0	oilc
P4510-24	JEC128C-2-2	61	1.00	1.00	2.00	2.00	100.0	oilc
P4511-02	267	62	1.00	1.00	2.00	2.00	100.0	debris
P4512-03	VNJ-212	63	1.15	8.81	9.96	9.66	96.6	
P4512-04	VNJ-212-E2	64	1.16	8.48	9.64	9.39	97.1	
P4513-01	D3683	65	1.00	1.00	2.00	2.00	100.0	oil sample
P4513-02	D3694	66	1.00	1.00	2.00	2.00	100.0	debris
P4513-03	D3695	67	1.00	1.00	2.00	2.00	100.0	debris
P4514-01	BC274653-1-1	68	1.00	1.00	2.00	2.00	100.0	oilc
P4514-02	BC274653-1-2	69	1.00	1.00	2.00	2.00	100.0	oilc
P4514-03	BC274767-1-1	70	1.00	1.00	2.00	2.00	100.0	oilc
P4514-04	BC274767-1-2	71	1.00	1.00	2.00	2.00	100.0	oilc
P4514-05	BC274767-2-1	72	1.00	1.00	2.00	2.00	100.0	oilc
P4514-06	BC274767-2-2	73	1.00	1.00	2.00	2.00	100.0	oilc
P4515-01	CHVB0783	74	1.15	8.83	9.98	5.28	46.8	
P4516-01	72-11986	75	1.12	8.67	9.79	8.93	90.1	
P4517-01	NASSAU-ST-CO	76	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
P4517-03	S.JEFFERSON-CO-1	77	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
P4517-05	S.JEFFERSON-CO-2	78	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
P4517-07	FOREST-ST-CO	79	1.00	1.00	2.00	2.00	100.0	CONCRETE sample

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

MB133085

WorkList Name : %1-102324 **WorkList ID :** 184679 **Department :** Wet-Chemistry **Date :** 10-23-2024 08:16:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4488-09	HCC-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/22/2024	Chemtech -SO
P4488-10	HCC-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/22/2024	Chemtech -SO
P4495-01	PT-AN-SOIL	Solid	Percent Solids	Cool 4 deg C	CHEM02	QA Of	10/21/2024	Chemtech -SO
P4495-02	PT-CORR-SOIL	Solid	Percent Solids	Cool 4 deg C	CHEM02	QA Of	10/21/2024	Chemtech -SO
P4495-03	PT-CN-SOIL	Solid	Percent Solids	Cool 4 deg C	CHEM02	QA Of	10/21/2024	Chemtech -SO
P4495-04	PT-CN-SOIL	Solid	Percent Solids	Cool 4 deg C	CHEM02	QA Of	10/21/2024	Chemtech -SO
P4495-05	PT-FP-SOIL	Solid	Percent Solids	Cool 4 deg C	CHEM02	QA Of	10/21/2024	Chemtech -SO
P4495-06	PT-CR6-SOIL	Solid	Percent Solids	Cool 4 deg C	CHEM02	QA Of	10/21/2024	Chemtech -SO
P4495-07	PT-NUT-SOIL	Solid	Percent Solids	Cool 4 deg C	CHEM02	QA Of	10/21/2024	Chemtech -SO
P4495-08	PT-NUT-SOIL	Solid	Percent Solids	Cool 4 deg C	CHEM02	QA Of	10/21/2024	Chemtech -SO
P4495-09	PT-OGR-SOIL	Solid	Percent Solids	Cool 4 deg C	CHEM02	QA Of	10/21/2024	Chemtech -SO
P4495-10	PT-MET-SOIL	Solid	Percent Solids	Cool 4 deg C	CHEM02	QA Of	10/21/2024	Chemtech -SO
P4495-11	PT-BNA-SOIL	Solid	Percent Solids	Cool 4 deg C	CHEM02	QA Of	10/21/2024	Chemtech -SO
P4495-12	PT-TRIAZINE-SOIL	Solid	Percent Solids	Cool 4 deg C	CHEM02	QA Of	10/21/2024	Chemtech -SO
P4495-13	PT-PAH-SOIL	Solid	Percent Solids	Cool 4 deg C	CHEM02	QA Of	10/21/2024	Chemtech -SO
P4495-14	PT-DIES-SOIL	Solid	Percent Solids	Cool 4 deg C	CHEM02	QA Of	10/21/2024	Chemtech -SO
P4495-15	PT-GAS-SOIL	Solid	Percent Solids	Cool 4 deg C	CHEM02	QA Of	10/21/2024	Chemtech -SO
P4495-16	PT-NJEPH-SOIL	Solid	Percent Solids	Cool 4 deg C	CHEM02	QA Of	10/21/2024	Chemtech -SO
P4495-17	PT-HERB-SOIL	Solid	Percent Solids	Cool 4 deg C	CHEM02	QA Of	10/21/2024	Chemtech -SO
P4495-18	PT-PCB-SOIL	Solid	Percent Solids	Cool 4 deg C	CHEM02	QA Of	10/21/2024	Chemtech -SO
P4495-19	PT-PCBO-SOIL	Solid	Percent Solids	Cool 4 deg C	CHEM02	QA Of	10/21/2024	Chemtech -SO

Date/Time 10/23/24 16:00

Raw Sample Received by: JD (WC)

Raw Sample Relinquished by: [signature]

Date/Time 10/23/24 17:30

Raw Sample Received by: [signature]

Raw Sample Relinquished by: JD (WC)

WORKLIST(Hardcopy Internal Chain)

WB 133085

WorkList Name : %1-102324 **WorkList ID :** 184679 **Department :** Wet-Chemistry **Date :** 10-23-2024 08:16:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4495-20	PT-PEST-SOIL	Solid	Percent Solids	Cool 4 deg C	CHEM02	QA Of	10/21/2024	Chemtech -SO
P4495-21	PT-CHLR-SOIL	Solid	Percent Solids	Cool 4 deg C	CHEM02	QA Of	10/21/2024	Chemtech -SO
P4495-22	PT-TXP-SOIL	Solid	Percent Solids	Cool 4 deg C	CHEM02	QA Of	10/21/2024	Chemtech -SO
P4495-23	PT-VOA-SOIL	Solid	Percent Solids	Cool 4 deg C	CHEM02	QA Of	10/21/2024	Chemtech -SO
P4495-24	PT-SOL-SOIL	Solid	Percent Solids	Cool 4 deg C	CHEM02	QA Of	10/21/2024	Chemtech -SO
P4495-25	PT-NO2-SOIL	Solid	Percent Solids	Cool 4 deg C	CHEM02	QA Of	10/21/2024	Chemtech -SO
P4508-01	TP-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/23/2024	Chemtech -SO
P4508-02	TP-3-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/23/2024	Chemtech -SO
P4508-03	TP-3-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/23/2024	Chemtech -SO
P4508-05	BP-F23	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/23/2024	Chemtech -SO
P4508-06	BP-F23-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/23/2024	Chemtech -SO
P4508-07	BP-F23-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/23/2024	Chemtech -SO
P4508-09	BP-F22	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/23/2024	Chemtech -SO
P4508-10	BP-F22-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/23/2024	Chemtech -SO
P4508-11	BP-F22-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/23/2024	Chemtech -SO
P4509-02	AU-06-10232024	Solid	Percent Solids	Cool 4 deg C	PSEG05	K61	10/23/2024	Chemtech -SO
P4510-01	FDH119M-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/23/2024	Chemtech -SO
P4510-02	FDH119M-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/23/2024	Chemtech -SO
P4510-03	BC271327-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/23/2024	Chemtech -SO
P4510-04	BC271327-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/23/2024	Chemtech -SO
P4510-05	BC271327-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/23/2024	Chemtech -SO

Date/Time 10/23/24 16:00

Raw Sample Received by: (WC)

Raw Sample Relinquished by:

Date/Time 10/23/24 17:30

Raw Sample Received by:

Raw Sample Relinquished by: (WC)

WORKLIST(Hardcopy Internal Chain)

JD 133085

WorkList Name : %1-102324 **WorkList ID :** 184679 **Department :** Wet-Chemistry **Date :** 10-23-2024 08:16:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4510-06	BC271327-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/23/2024	Chemtech -SO
P4510-07	FDA886K-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/23/2024	Chemtech -SO
P4510-08	FDA886K-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/23/2024	Chemtech -SO
P4510-09	FDA886K-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/23/2024	Chemtech -SO
P4510-10	FDA886K-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/23/2024	Chemtech -SO
P4510-11	HID111K-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/23/2024	Chemtech -SO
P4510-12	HID111K-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/23/2024	Chemtech -SO
P4510-13	HID111K-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/23/2024	Chemtech -SO
P4510-14	HID111K-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/23/2024	Chemtech -SO
P4510-15	HID111K-3-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/23/2024	Chemtech -SO
P4510-16	HID111K-3-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/23/2024	Chemtech -SO
P4510-17	FDA563W-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/23/2024	Chemtech -SO
P4510-18	FDA563W-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/23/2024	Chemtech -SO
P4510-19	FDA563W-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/23/2024	Chemtech -SO
P4510-20	FDA563W-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/23/2024	Chemtech -SO
P4510-21	JEC128C-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/23/2024	Chemtech -SO
P4510-22	JEC128C-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/23/2024	Chemtech -SO
P4510-23	JEC128C-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/23/2024	Chemtech -SO
P4510-24	JEC128C-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/23/2024	Chemtech -SO
P4511-02	267	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/23/2024	Chemtech -SO
P4512-03	VNJ-212	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/23/2024	Chemtech -SO

Date/Time 10/23/24 1610

Raw Sample Received by: JD CWC

Raw Sample Relinquished by: CP

Date/Time 10/23/24 1730

Raw Sample Received by: CP

Raw Sample Relinquished by: JD CWC

WORKLIST(Hardcopy Internal Chain)

WB 133085

WorkList Name : %1-102324 **WorkList ID :** 184679 **Department :** Wet-Chemistry **Date :** 10-23-2024 08:16:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4512-04	VNJ-212-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/23/2024	Chemtech -SO
P4513-01	D3683	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/23/2024	Chemtech -SO
P4513-02	D3694	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/23/2024	Chemtech -SO
P4513-03	D3695	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/23/2024	Chemtech -SO
P4514-01	BC274653-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K31	10/23/2024	Chemtech -SO
P4514-02	BC274653-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K31	10/23/2024	Chemtech -SO
P4514-03	BC274767-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K31	10/23/2024	Chemtech -SO
P4514-04	BC274767-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K31	10/23/2024	Chemtech -SO
P4514-05	BC274767-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K31	10/23/2024	Chemtech -SO
P4514-06	BC274767-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K31	10/23/2024	Chemtech -SO
P4515-01	CHVB0783	Solid	Percent Solids	Cool 4 deg C	PSEG03	K62	10/23/2024	Chemtech -SO
P4516-01	72-11986	Solid	Percent Solids	Cool 4 deg C	PSEG03	K62	10/23/2024	Chemtech -SO
P4517-01	NASSAU-ST-CO	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/23/2024	Chemtech -SO
P4517-03	S.JEFFERSON-CO-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/23/2024	Chemtech -SO
P4517-05	S.JEFFERSON-CO-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/23/2024	Chemtech -SO
P4517-07	FOREST-ST-CO	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/23/2024	Chemtech -SO

Date/Time 10/23/24 1610

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Date/Time 10/23/24 1730

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB164397

SOP ID:	M3541-ASE Extraction-14				
Clean Up SOP #:	Acid Cleanup			**Extraction Start Date :**	10/25/2024
Matrix :	Solid			**Extraction Start Time :**	09:40
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	10/25/2024
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	12:55
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
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	PP23640
Surrogate	1.0ML	200 PPB	PP23858
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	EP2539
Baked Na2SO4	N/A	EP2551
Sand	N/A	E2865
Hexane	N/A	E3819
H2SO4 1:1	N/A	EP2548
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40 Vial lot# 03-40 BTS721.

KD Bath ID:	N/A	**Envap ID:**	NEVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/25/24	RP (Ext. Lab)	AJ (TCST PCB Lab
13:00	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB164397

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 10/25/2024

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB164397BL	ABLK397	PCB	30.02	N/A	ritesh	Evelyn	10			U7-1
PB164397BS	ALCS397	PCB	30.03	N/A	ritesh	Evelyn	10			2
P4495-18	PT-PCB-SOIL	PCB	30.05	N/A	ritesh	Evelyn	10			3
P4531-01	OR-03-102424	PCB	30.02	N/A	ritesh	Evelyn	10	C		4
P4531-01MS	OR-03-102424MS	PCB	30.07	N/A	ritesh	Evelyn	10	C		5
P4531-01MSD	OR-03-102424MSD	PCB	30.06	N/A	ritesh	Evelyn	10	C		6
P4545-01	VNJ-215	PCB	30.08	N/A	ritesh	Evelyn	10	E		U1-1
P4547-01	BP-F-21	PCB	30.03	N/A	ritesh	Evelyn	10	C		2
P4547-05	BP-F-20	PCB	30.01	N/A	ritesh	Evelyn	10	C		3

* **Extracts relinquished on the same date as received.**

10/25/24

'64397
9.40

WORKLIST(Hardcopy Internal Chain)

WorkList Name : P4531 **WorkList ID :** 184767 **Department :** Extraction **Date :** 10-25-2024 08:47:27

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4495-18	PT-PCB-SOIL	Solid	PCB	Cool 4 deg C	CHEM02	QA Of	10/21/2024	8082A
P4531-01	OR-03-102424	Solid	PCB	Cool 4 deg C	PSEG05	K61	10/24/2024	8082A
P4545-01	VNJ-215	Solid	PCB	Cool 4 deg C	PSEG03	K61	10/24/2024	8082A
P4547-01	BP-F-21	Solid	PCB	Cool 4 deg C	PSEG03	K51	10/24/2024	8082A
P4547-05	BP-F-20	Solid	PCB	Cool 4 deg C	PSEG03	K51	10/24/2024	8082A

Date/Time 10/25/24 9:35
Raw Sample Received by: RJ (Sol Lab)
Raw Sample Relinquished by: CP

Date/Time 10/25/24 10:00
Raw Sample Received by: CP
Raw Sample Relinquished by: RJ (Sol Lab)

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB164405

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: Acid Cleanup

Matrix : Solid

Weigh By: EH

Balance check: RJ

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 10/25/2024

Extraction Start Time : 11:30

Extraction End Date : 10/25/2024

Extraction End Time : 13:00

Concentration By: EH

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	PP23640
Surrogate	1.0ML	200 PPB	PP23858
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	EP2539
Baked Na2SO4	N/A	EP2551
Sand	N/A	E2865
Hexane	N/A	E3819
H2SO4 1:1	N/A	EP2548
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40 Vial lot# 03-40 BTS721.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/25/24	RP (Ext. lab)	Y.P. Rel+/PCB
13:05	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB164405

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 10/25/2024

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB164405BL	ABLK405	PCB	1.02	N/A	RUPESH	ritesh	10			
PB164405BS	ALCS405	PCB	1.03	N/A	RUPESH	ritesh	10			
P4495-19	PT-PCBO-SOIL	PCB	1.03	N/A	RUPESH	ritesh	10			

* **Extracts relinquished on the same date as received.**

10/25/24

P4995
11:30

WORKLIST(Hardcopy Internal Chain)

WorkList Name : P4995 **WorkList ID :** 184776 **Department :** Extraction **Date :** 10-25-2024 11:27:51

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4495-19	PT-PCBO-SOIL	Solid	PCB	Cool 4 deg C	CHEM02	QA Of	10/21/2024	8082A

Date/Time 10/25/24 11:25
Raw Sample Received by: RS (Est last)
Raw Sample Relinquished by: K. C sum

Date/Time 10/25/24 11:45
Raw Sample Received by: K. C sum
Raw Sample Relinquished by: RS (Est last)

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Prep Standard - Chemical Standard Summary

Order ID : P4495

Test : PCB

Prepbatch ID : PB164397,PB164405,

Sequence ID/Qc Batch ID: PO102524,po102824,

Standard ID :

EP2539,EP2548,EP2551,PP23640,PP23733,PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775,PP23776,PP23777,PP23778,PP23779,PP23780,PP23781,PP23782,PP23783,PP23784,PP23785,PP23786,PP23787,PP23788,PP23789,PP23790,PP23858
,

Chemical ID :

E2865,E3551,E3788,E3792,E3793,E3804,E3805,E3815,E3819,M5178,P10483,P10500,P11507,P11512,P11581,P11587,P11590,P11597,P12698,P12929,P12934,P12946,P12947,P12957,P13033,P13350,P13351,P13372,W3112,

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Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
230	1:1ACETONE/HEXANE	EP2539	09/17/2024	03/11/2025	Rajesh Parikh	None	None	RUPESHKUMAR SHAH 09/17/2024

FROM 4000.00000ml of E3792 + 4000.00000ml of E3793 = Final Quantity: 8000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
314	1.1 H2SO4 SOLN	EP2548	10/16/2024	04/16/2025	Rajesh Parikh	None	None	RUPESHKUMAR SHAH 10/16/2024

FROM 1000.00000ml of W3112 + 4000.00000ml of M5178 = Final Quantity: 2000.000 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	EP2551	10/18/2024	01/03/2025	Rajesh Parikh	Extraction_SCALE_2 (EX-SC-2)	None	RUPESHKUMAR SHAH 10/18/2024

FROM 4000.00000gram of E3551 = 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	PP23640	09/09/2024	01/12/2025	Ankita Jodhani	None	None	Yogesh Patel 09/10/2024

FROM 0.50000ml of P12946 + 99.50000ml of E3788 = 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
84	Pest/PCB Surrogate Stock 20 PPM	PP23733	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 1.00000ml of P13350 + 9.00000ml of E3805 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
202	AR1660 1000/100 ppb working solution 1st source	PP23735	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P10483 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
203	AR1660 750 PPB STD	PP23736	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23735 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
204	AR1660 500 PPB STD	PP23737	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23735 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
205	AR1660 250 PPB STD	PP23738	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23735 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
206	AR1660 50 PPB STD	PP23739	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23737 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
213	AR1221 1000 PPB WORKING SOLUTION	PP23740	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P11581 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1079	AR1221 750 PPB STD	PP23741	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23740 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
222	AR1221 500 PPB STD	PP23742	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23740 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1080	AR1221 250 PPB STD	PP23743	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23740 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1081	AR1221 50 PPB STD	PP23744	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23742 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
214	AR1232 1000 PPB WORKING SOLUTION	PP23745	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P11587 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1063	AR1232 750 PPB STD	PP23747	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23745 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
223	AR1232 500 PPB STD	PP23748	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23745 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1064	AR1232 250 PPB STD	PP23749	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23745 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1065	AR1232 50 PPB STD	PP23750	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23748 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
215	AR1242 1000 PPB WORKING STD	PP23751	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P12929 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1067	AR1242 750 PPB STD	PP23752	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23751 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
224	AR1242 500 PPB STD	PP23753	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23751 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1068	AR1242 250 PPB STD	PP23754	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23751 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1069	AR1242 50 PPB STD	PP23755	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23753 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
216	AR1248 1000 PPB WORKING STD	PP23756	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P12934 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1075	AR1248 750 PPB STD	PP23757	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23756 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
225	AR1248 500 PPB STD	PP23758	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23756 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1076	AR1248 250 PPB STD	PP23759	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23756 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1077	AR1248 50 PPB STD	PP23760	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23758 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
217	AR1254 1000 PPB WORKING STD	PP23761	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P11590 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1071	AR1254 750 PPB STD	PP23762	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23761 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
226	AR1254 500 PPB STD	PP23763	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23761 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1072	AR1254 250 PPB STD	PP23764	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23761 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1073	AR1254 50 PPB STD	PP23765	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23763 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1529	AR1262 1000 PPB Working Solution	PP23766	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P10500 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3753	AR1262 750 PPB STD	PP23767	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23766 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1530	AR1262 500 PPB STD	PP23768	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23766 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3754	AR1262 250 PPB STD	PP23769	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23766 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3755	AR1262 50 PPB STD	PP23770	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23768 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1532	AR1268 1000 PPB Working Solution	PP23771	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P11597 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3820	AR1268 750 PPB STD	PP23772	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23771 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1533	AR1268 500 PPB STD	PP23773	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23771 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3821	AR1268 250 PPB STD	PP23774	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23771 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3822	AR1268 50 PPB STD	PP23775	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23773 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
404	AR1660 100 PPM Stock Solution 2nd Source	PP23776	10/03/2024	04/01/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 1.00000ml of P12947 + 9.00000ml of E3804 = Final Quantity: 10.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
405	AR1660 1000/100 PPB ICV STD	PP23777	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 98.50000ml of E3805 + 0.50000ml of PP23733 + 1.00000ml of PP23776 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
406	AR1660 500 PPB ICV	PP23778	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23777 = 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
3789	AR1221 1000 PPB WORKING SOL.2ND SOURCE(AGILENT)	PP23779	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 1.00000ml of P13372 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3790	AR1221 500 PPB ICV(AGILENT)	PP23780	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23779 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1887	AR1232 1000 PPB Working Sol. 2nd Source	PP23781	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 1.00000ml of P12698 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1889	AR1242 1000 PPB Working Sol. 2nd Source	PP23782	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 1.00000ml of P11507 + 98.50000ml of E3805 + 0.50000ml of PP23733 = 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	PP23783	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23781 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1891	AR1242 500 PPB ICV	PP23784	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23782 = Final Quantity: 1.000 ml

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Fax : 908 789 8922

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1890	AR1248 1000 PPB Working Sol. 2nd Source	PP23785	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P11512 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1892	AR1248 500 PPB ICV	PP23786	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23785 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1893	AR1254 1000 PPB Working Sol. 2nd Source	PP23787	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 1.00000ml of P12957 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1894	AR1254 500 PPB ICV	PP23788	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23787 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3757	AR1262 1000 PPB Working Solution second source	PP23789	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P13033 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3758	AR1262 500 PPB STD ICV	PP23790	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23789 = 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
465	200 PPB Pest/PCB Surrogate Spike	PP23858	10/14/2024	04/04/2025	Abdul Mirza	None	None	Ankita Jodhani 10/14/2024

FROM 1.00000ml of P13351 + 999.00000ml of E3815 = Final Quantity: 1000.000 ml

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
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	313201	01/03/2025	01/03/2024 / Rajesh	07/20/2023 / Rajesh	E3551

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	23H1462005	04/23/2025	08/13/2024 / Rajesh	08/13/2024 / Rajesh	E3788

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	24C1862008	03/11/2025	09/12/2024 / Rajesh	09/11/2024 / Rajesh	E3792

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	9005-05 / Acetone Ultra (cs/4x4L)	24E0761004	03/11/2025	09/12/2024 / Rajesh	09/11/2024 / Rajesh	E3793

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	9005-05 / Acetone Ultra (cs/4x4L)	24E0761004	11/05/2025	10/01/2024 / Rajesh	09/25/2024 / Rajesh	E3804

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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)	24C1862008	03/30/2025	09/30/2024 / Rajesh	09/25/2024 / Rajesh	E3805

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)	24H1462005	04/04/2025	10/04/2024 / Rajesh	10/04/2024 / Rajesh	E3815

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)	24G1962003	04/15/2025	10/15/2024 / Rajesh	10/09/2024 / Rajesh	E3819

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)	0000281827	03/29/2026	05/25/2022 / william	04/05/2022 / william	M5178

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	04/03/2025	10/03/2024 / Ankita	03/19/2021 / Abdul	P10483

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	04/03/2025	10/03/2024 / Ankita	03/19/2021 / Ankita	P10500

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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-312-1 / Aroclor 1242	0006665550	04/03/2025	10/03/2024 / Ankita	02/21/2022 / Ankita	P11507

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-342-1 / Aroclor 1248	0006626997	04/03/2025	10/03/2024 / Ankita	02/21/2022 / Ankita	P11512

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	04/03/2025	10/03/2024 / Ankita	03/18/2022 / Abdul	P11581

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	04/03/2025	10/03/2024 / Ankita	03/18/2022 / Abdul	P11587

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32011 / PCB Mix, Aroclor 1254, 1000ug/mL, Hexane, 1mL/ampul	A0175403	04/03/2025	10/03/2024 / Ankita	03/18/2022 / Abdul	P11590

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	04/03/2025	10/03/2024 / Ankita	03/18/2022 / Abdul	P11597

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards,Inc	91867 / Aroclor 1232 100 ug/mL	020823	04/03/2025	10/03/2024 / Ankita	08/07/2023 / Ankita	P12698

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32009 / PCB Mix, Aroclor 1242, 1000ug/mL, Hexane, 1mL/ampul	a0203672	04/03/2025	10/03/2024 / Ankita	12/07/2023 / Ankita	P12929

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32010 / PCB Mix, Aroclor 1248, 1000ug/mL, Hexane, 1mL/ampul	a0202803	04/03/2025	10/03/2024 / Ankita	12/07/2023 / Ankita	P12934

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	022023	01/12/2025	07/12/2024 / Abdul	12/20/2023 / Yogesh	P12946

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	022023	04/03/2025	10/03/2024 / Ankita	12/20/2023 / Yogesh	P12947

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ Arochlor 1254	121823	04/03/2025	10/03/2024 / Ankita	12/20/2023 / Yogesh	P12957

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards,Inc	90165 / Aroclor 1262	112322	04/03/2025	10/03/2024 / Ankita	12/20/2023 / Yogesh	P13033

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	A0206810	04/03/2025	10/03/2024 / Ankita	04/22/2024 / Abdul	P13350

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	A0206810	04/14/2025	10/14/2024 / Abdul	04/22/2024 / Abdul	P13351

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-292-1 / Aroclor 1221	0006783205	04/03/2025	10/03/2024 / Ankita	05/02/2024 / Ankita	P13372

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

Sand
Purified
Washed and Ignited

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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

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MONTERREY, N.L. MEXICO
CP 64070
TEL +52 81 13 52 57 57
www.pqm.com.mx

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE RMB3375)	FORMULA :	Na_2SO_4
SPECIFICATION NUMBER :	6399	RELEASE DATE:	ABR/21/2023
LOT NUMBER :	313201		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na_2SO_4)	Min. 99.0%	99.7 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.1
Insoluble matter	Max. 0.01%	0.005 %
Loss on ignition	Max. 0.5%	0.1 %
Chloride (Cl)	Max. 0.001%	<0.001 %
Nitrogen compounds (as N)	Max. 5 ppm	<5 ppm
Phosphate (PO_4)	Max. 0.001%	<0.001 %
Heavy metals (as Pb)	Max. 5 ppm	<5 ppm
Iron (Fe)	Max. 0.001%	<0.001 %
Calcium (Ca)	Max. 0.01%	0.002 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.003 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreing matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.1 %
Retained on US Standard No. 60 sieve	Min. 94%	97.3 %
Through US Standard No. 60 sieve	Max. 5%	2.5 %
Through US Standard No. 100 sieve	Max. 10%	0.1 %

COMMENTS

QC: PhC Irma Belmares

If you need further details, please call our factory or contact our local distributor.

RG-02-01, Ed. 3

Recd. by RB on 7/24/23 E3551

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker®

Material No.: 9254-03
Batch No.: 23H1462005
Manufactured Date: 2023-07-26
Expiration Date: 2026-07-25
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected for water)	≥ 99.4 %	99.7 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.3 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	≤ 0.3	0.1
Titrable Base (µeq/g)	≤ 0.6	< 0.1
Water (H_2O)	≤ 0.5 %	0.3 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	< 1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd. by RP on 8/13/24

E 3788

Ken Koehnlein
Sr. Manager, Quality Assurance

Hexanes (95% n-hexane)
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker®

Material No.: 9262-03
Batch No.: 24C1862008
Manufactured Date: 2024-01-30
Expiration Date: 2025-04-30
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	< 1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1
ECD-Sensitive Impurities (as Ethylene Dibromide) - Single Impurity Peak (ng/mL)	≤ 5	1
Assay (Total Saturated C_6 Isomers) (by GC, corrected for water)	≥ 99.5 %	99.7 %
Assay (as n-Hexane) (by GC, corrected for water)	≥ 95 %	98 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.4 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	≤ 0.05 %	< 0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd by RP on 09/11/24

E 3792

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

Acetone
CMOS

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Material No.: 9005-05
Batch No.: 24E0761004
Manufactured Date: 2024-05-02
Retest Date: 2029-05-01
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected for water)	≥ 99.5 %	99.8 %
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 %	0.1 %
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	3.6 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 >>>

Recd. by RP on 9/11/24

E3793

Acetone
CMOS

avantor™ | J.T.Baker®

Material No.: 9005-05
Batch No.: 24E0761004

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	< 1.0 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	7.9 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater (Rion KS42AF)	≤ 100 par/ml	8 par/ml
Particle Count – 1.0 µm and greater (Rion KS42AF)	≤ 8 par/ml	2 par/ml

>>> Continued on page 3 >>>

Acetone
CMOS

avantor™ | J.T.Baker®

Material No.: 9005-05
Batch No.: 24E0761004

Test	Specification	Result

For Microelectronic Use

Country of Origin: USA
Packaging Site: Paris Mfg Ctr & DC

Michelle Bales
Sr. Manager, Quality Assurance

Acetone
CMOS

avantor™ | J.T.Baker®

Material No.: 9005-05
Batch No.: 24E0761004
Manufactured Date: 2024-05-02
Retest Date: 2029-05-01
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected for water)	≥ 99.5 %	99.8 %
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 %	0.1 %
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	3.6 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 >>>

Recd by RP on 9/25/24

E 3804

Acetone
CMOS

avantor™ | J.T.Baker®

Material No.: 9005-05
Batch No.: 24E0761004

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	< 1.0 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	7.9 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater (Rion KS42AF)	≤ 100 par/ml	8 par/ml
Particle Count – 1.0 µm and greater (Rion KS42AF)	≤ 8 par/ml	2 par/ml

>>> Continued on page 3 >>>

Acetone
CMOS

avantor™ | J.T.Baker®

Material No.: 9005-05
Batch No.: 24E0761004

Test	Specification	Result

For Microelectronic Use

Country of Origin: USA
Packaging Site: Paris Mfg Ctr & DC

Michelle Bales
Sr. Manager, Quality Assurance

Hexanes (95% n-hexane)
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker®

Material No.: 9262-03
Batch No.: 24C1862008
Manufactured Date: 2024-01-30
Expiration Date: 2025-04-30
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	< 1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1
ECD-Sensitive Impurities (as Ethylene Dibromide) – Single Impurity Peak (ng/mL)	≤ 5	1
Assay (Total Saturated C_6 Isomers) (by GC, corrected for water)	≥ 99.5 %	99.7 %
Assay (as n-Hexane) (by GC, corrected for water)	≥ 95 %	98 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.4 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	≤ 0.05 %	< 0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd by RP on 9/25/24

E3805

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

PO: PO2-329 PRODUCT CODE: SHIP DATE: 9/30/2024

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor | J.T.Baker

Material No.: 9254-03
Batch No.: 24H1462005
Manufactured Date: 2024-05-24
Expiration Date:2027-05-24
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	99.8 %
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	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3815

Jamie Croak
Director Quality Operations, Bioscience Production

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: PO2-329 PRODUCT CODE: SHIP DATE: 9/30/2024

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker®

Material No.: 9262-03
Batch No.: 24G1962003
Manufactured Date: 2024-05-23
Expiration Date: 2025-08-22
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	3
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1
ECD-Sensitive Impurities (as Ethylene Dibromide) - Single Impurity Peak (ng/mL)	≤ 5	1
Assay (Total Saturated C_6 Isomers) (by GC, corrected for water)	≥ 99.5 %	99.7 %
Assay (as n-Hexane) (by GC, corrected for water)	≥ 95 %	98 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.1 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 10/09/24

E 3819

Jamie Croak
Director Quality Operations, Bioscience Production

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

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

Material No.: 9530-33
Batch No.: 0000281827
Manufactured Date: 2021/03/30
Retest Date: 2026/03/29
Revision No: 1

Certificate of Analysis

Test	Specification	Result
ACS - Assay (as HCl) (by acid-base titrn)	36.5 - 38.0 %	37.6
ACS - Color (APHA)	<= 10	5
ACS - Residue after Ignition	<= 3 ppm	1
ACS - Specific Gravity at 60°/60°F	1.185 - 1.192	1.189
ACS - Bromide (Br)	<= 0.005 %	< 0.005
ACS - Extractable Organic Substances	<= 5 ppm	< 1
ACS - Free Chlorine (as Cl_2)	<= 0.5 ppm	< 0.5
Phosphate (PO_4)	<= 0.05 ppm	< 0.03
Sulfate (SO_4)	<= 0.5 ppm	< 0.3
Sulfite (SO_3)	<= 0.8 ppm	0.3
Ammonium (NH_4)	<= 3 ppm	< 1
Trace Impurities - Arsenic (As)	<= 0.010 ppm	< 0.003
Trace Impurities - Aluminum (Al)	<= 10.0 ppb	0.5
Arsenic and Antimony (as As)	<= 5 ppb	< 3
Trace Impurities - Barium (Ba)	<= 1.0 ppb	< 0.2
Trace Impurities - Beryllium (Be)	<= 1.0 ppb	< 0.2
Trace Impurities - Bismuth (Bi)	<= 10.0 ppb	< 1.0
Trace Impurities - Boron (B)	<= 20.0 ppb	< 5.0
Trace Impurities - Cadmium (Cd)	<= 1.0 ppb	< 0.3
Trace Impurities - Calcium (Ca)	<= 50.0 ppb	15.0
Trace Impurities - Chromium (Cr)	<= 1.0 ppb	< 0.4
Trace Impurities - Cobalt (Co)	<= 1.0 ppb	< 0.3
Trace Impurities - Copper (Cu)	<= 1.0 ppb	< 0.1
Trace Impurities - Gallium (Ga)	<= 1.0 ppb	< 0.2

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

Test	Specification	Result
Trace Impurities - Germanium (Ge)	<= 3.0 ppb	< 2.0
Trace Impurities - Gold (Au)	<= 4.0 ppb	3.0
Heavy Metals (as Pb)	<= 100 ppb	< 50
Trace Impurities - Iron (Fe)	<= 15.0 ppb	1.0
Trace Impurities - Lead (Pb)	<= 1.0 ppb	< 0.5
Trace Impurities - Lithium (Li)	<= 1.0 ppb	< 0.2
Trace Impurities - Magnesium (Mg)	<= 10.0 ppb	< 0.4
Trace Impurities - Manganese (Mn)	<= 1.0 ppb	< 0.4
Trace Impurities - Mercury (Hg)	<= 0.5 ppb	0.2
Trace Impurities - Molybdenum (Mo)	<= 10.0 ppb	< 5.0
Trace Impurities - Nickel (Ni)	<= 4.0 ppb	< 0.3
Trace Impurities - Niobium (Nb)	<= 1.0 ppb	< 0.2
Trace Impurities - Potassium (K)	<= 9.0 ppb	< 2.0
Trace Impurities - Selenium (Se), For Information Only	ppb	1.0
Trace Impurities - Silicon (Si)	<= 100.0 ppb	18.0
Trace Impurities - Silver (Ag)	<= 1.0 ppb	< 0.3
Trace Impurities - Sodium (Na)	<= 100.0 ppb	< 5.0
Trace Impurities - Strontium (Sr)	<= 1.0 ppb	< 0.2
Trace Impurities - Tantalum (Ta)	<= 1.0 ppb	< 0.9
Trace Impurities - Thallium (Tl)	<= 5.0 ppb	< 2.0
Trace Impurities - Tin (Sn)	<= 5.0 ppb	< 0.8
Trace Impurities - Titanium (Ti)	<= 1.0 ppb	< 0.2
Trace Impurities - Vanadium (V)	<= 1.0 ppb	< 0.2
Trace Impurities - Zinc (Zn)	<= 5.0 ppb	0.4
Trace Impurities - Zirconium (Zr)	<= 1.0 ppb	< 0.1

For Laboratory, Research or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications

Country of Origin: US
Packaging Site: Phillipsburg Mfg Ctr & DC

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

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%

P10476
&
P10480

AR
02/19/21

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

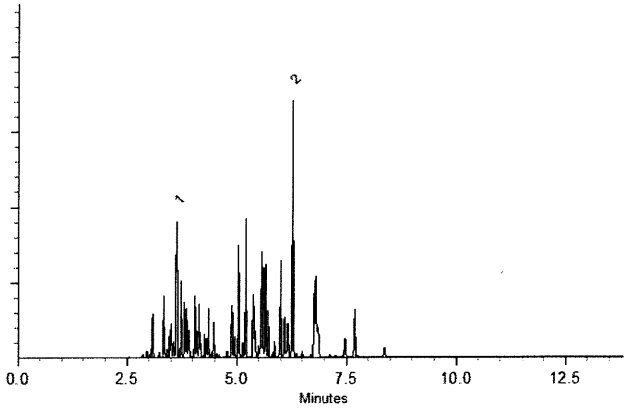
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Tom Suckar - Mix Technician

Date Mixed: 03-Aug-2020 **Balance:** B442140311

Justine Albertson - Operations Tech-ARM QC

Date Passed: 05-Aug-2020

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Certificate of Analysis

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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. : 32409 **Lot No.:** A0167722

Description : Aroclor® 1262 Standard

Aroclor® 1262 Standard 1,000 µg/mL, 1mL/ampul, Hexane

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2027 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound		Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Aroclor 1262		1,004.0 µg/mL	+/- 5.9635	µg/mL	Gravimetric
	CAS # 37324-23-5	(Lot 10849100)		+/- 31.8340	µg/mL	Unstressed
	Purity ----%			+/- 41.5787	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P10496
J
P10500

AJ
09/19/21

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

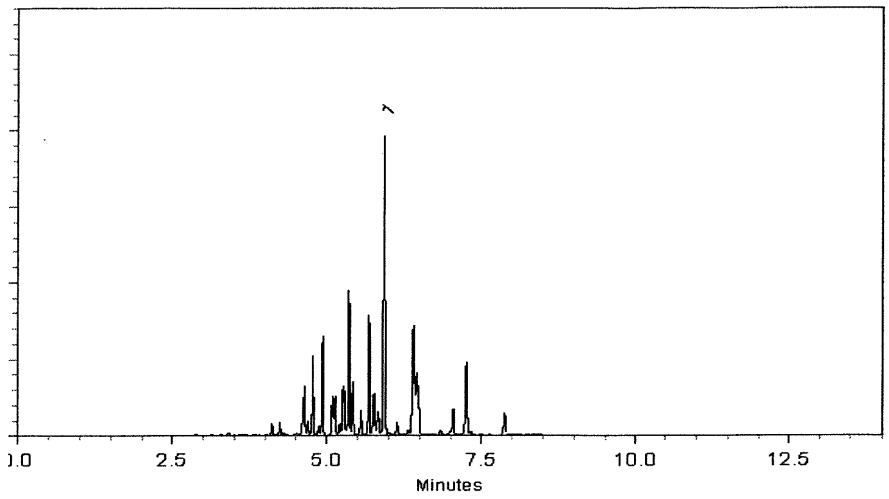
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

Date Mixed: 03-Jan-2021 **Balance:** B707717271

Marlina Cowan - Operations Tech I

Date Passed: 05-Jan-2021

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

ISO 17034

Agilent
Trusted Answers

Reference Material Certificate

Product Name:	Aroclor 1242 Standard	**Lot Number:**	0006665550
Product Number:	PP-312-1	**Lot Issue Date:**	08-Feb-2022
Storage Conditions:	Store at Room Temperature (15° to 30°C).	**Expiration Date:**	31-Jan-2027

	CERTIFIED VALUES			
Component Name	Concentration	Expanded Uncertainty	CAS#	Analyte Lot
Aroclor 1242	100.4	± 0.5 µg/mL	053469-21-9	NT01020

Matrix: isooctane (2,2,4-trimethylpentane)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20ºC to 25ºC immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P11533 + P11537

AJ 02/21/22

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

Agilent
Trusted Answers

Reference Material Certificate

Product Name:	Aroclor 1248 Standard	**Lot Number:**	0006626997
Product Number:	PP-342-1	**Lot Issue Date:**	17-Aug-2021
Storage Conditions:	Store at Room Temperature (15° to 30°C).	**Expiration Date:**	30-Sep-2025

	CERTIFIED VALUES				
Component Name	Concentration		Expanded Uncertainty	CAS#	Analyte Lot
Aroclor 1248	100.3	±	0.5 µg/mL	012672-29-6	NT01582

Matrix: isooctane (2,2,4-trimethylpentane)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P11508 → P11512 AJ 12/21/22

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

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Fax: (814)353-1309

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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%

P11578 (S)
↓
P11582

AR
04/30/22

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

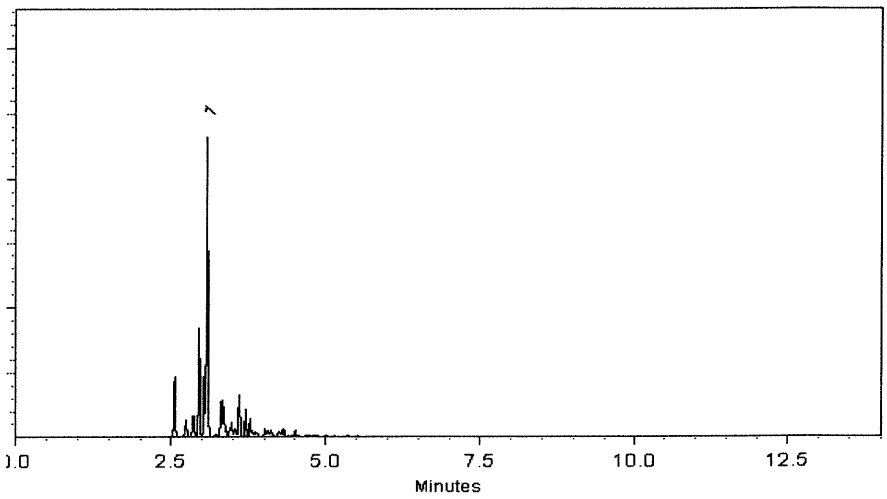
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

Date Mixed: 16-Aug-2021 **Balance:** B442140311

Marlina Cowan - Operations Tech I

Date Passed: 18-Aug-2021

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P11578 ↓ P11582 (5)

AR 04/30/22

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32008 **Lot No.:** A0173309

Description : Aroclor® 1232 Standard

Aroclor® 1232 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2027 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Aroclor 1232	1,001.0 µg/mL	+/- 5.9456 µg/mL	Gravimetric
	CAS # 11141-16-5 (Lot 15665-01)		+/- 31.7389 µg/mL	Unstressed
	Purity ----%		+/- 41.4544 µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P11583 ↓ P11597 (S)

AR 04/30/22

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

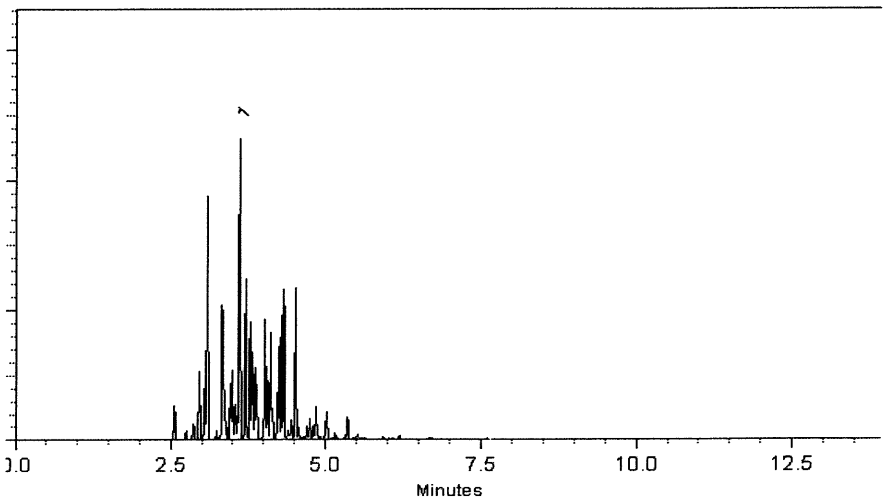
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

Date Mixed: 13-Jun-2021 **Balance:** B442140311

Alexis Shelow - Operations Tech I

Date Passed: 16-Jun-2021

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P11583 ↓ P11587 | (5)

AR 04/30/22

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32011 **Lot No.:** A0175403

Description : Aroclor® 1254 Standard

Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2027 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Aroclor 1254	1,000.7 µg/mL	+/- 5.9437 µg/mL	Gravimetric
	CAS # 11097-69-1 (Lot 124-191-B)		+/- 31.7284 µg/mL	Unstressed
	Purity ----%		+/- 41.4406 µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P11588 ↓ P11592 | 5

AR 04/30/2022

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

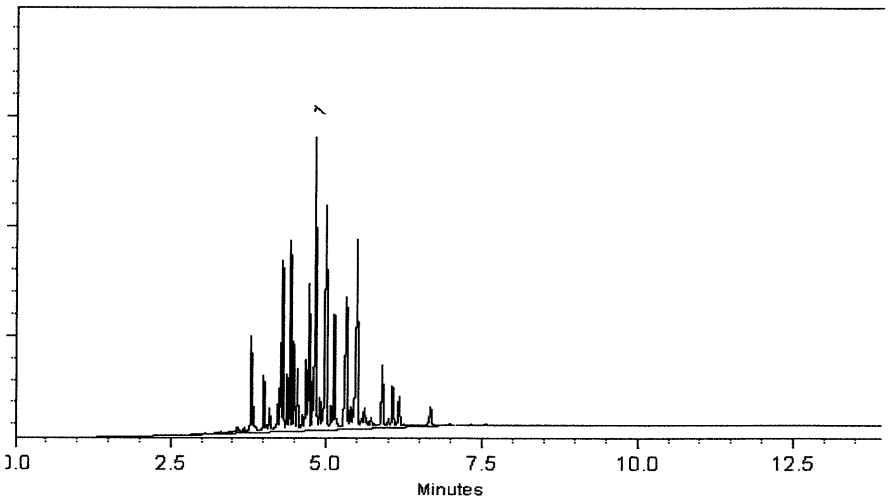
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Cathleen Soltis - Mix Technician

Date Mixed: 15-Aug-2021 **Balance:** 1128360905

Alexis Shelow - Operations Tech I

Date Passed: 17-Aug-2021

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P11588 / (5)
1
P11592

AR
04/30/22

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32410 **Lot No.:** A0181782

Description : Aroclor® 1268 Standard

Aroclor® 1268 Standard 1,000 µg/mL, 1mL/ampul, Hexane

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2028 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Aroclor 1268	1,001.4 µg/mL	+/- 5.9480	µg/mL	Gravimetric
	CAS # 11100-14-4 (Lot 10947000)		+/- 31.7516	µg/mL	Unstressed
	Purity ----%		+/- 41.4710	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P 11593 (5)
↓
P 11597

AR 04/30/2022

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

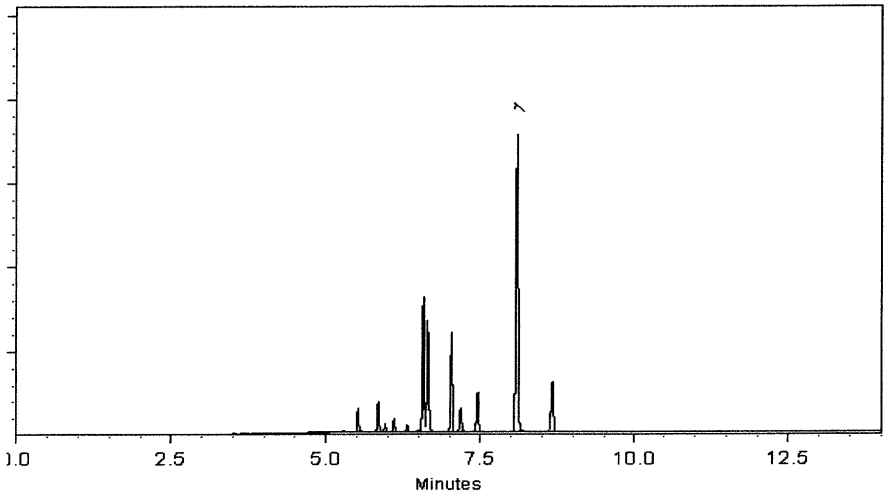
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 14-Feb-2022 **Balance:** 1128360905

Clara Windle - Operations Technician I

Date Passed: 17-Feb-2022

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P 11593 (5)
↓
P 11597
04/30/2022

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CERTIFIED WEIGHT REPORT

Part Number:	91867
Lot Number:	020823
Description:	WP 037 - Aroclor 1232 PCB Technical Mixture
Expiration Date:	020833
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	100
NIST Test ID#:	6UTB

Solvent(
Acet

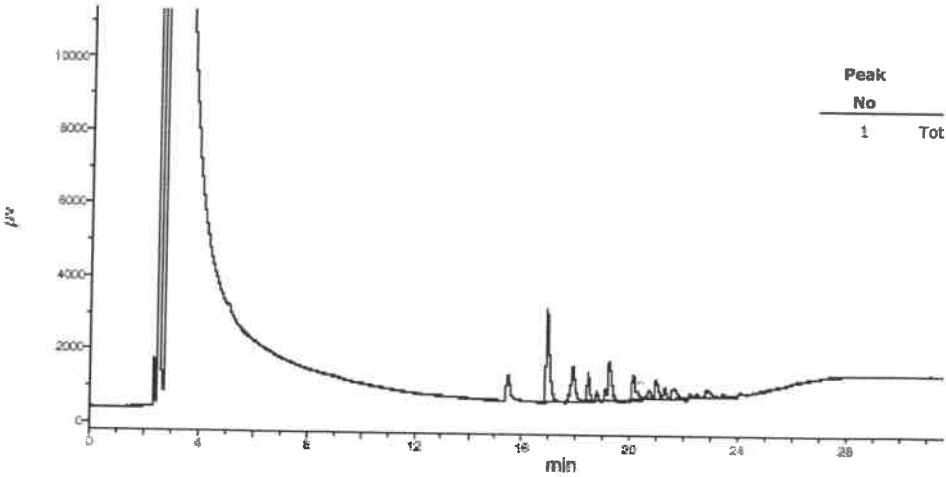
5E-05 Balance Uncertainty
0.057 Flask Uncertainty

Weight(s) shown below were combined and diluted to (mL): 100.0

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Targ Weight (g
1. Aroclor 1232	17	45-6A	100	100	0.5	0.01000

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measure Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



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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. : 32009 **Lot No.:** A0203672

Description : Aroclor® 1242 Standard

Aroclor® 1242 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

P12928
↓
P12932
AJ
12/07/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1242	53469-21-9	01141	----%	1,004.7 µg/mL	+/- 55.7515

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

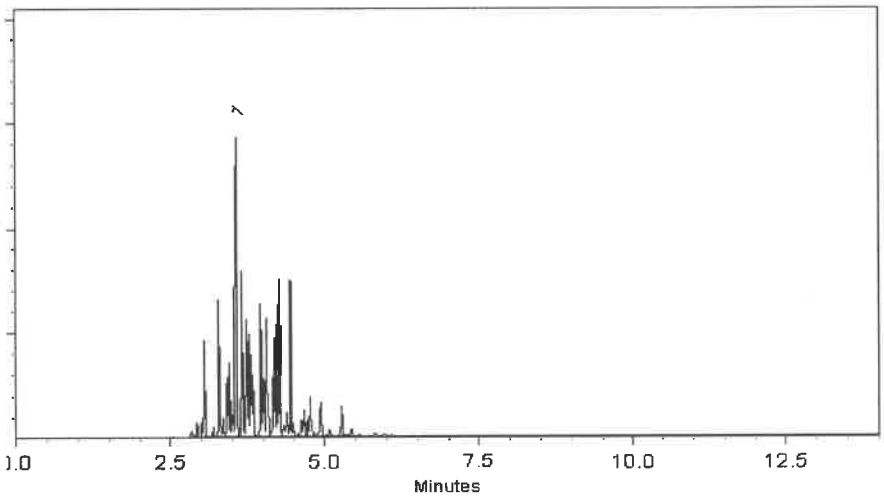
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Russ Bookhamer - Operations Technician I

Date Mixed: 26-Oct-2023 **Balance Serial #** B442140311

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 06-Nov-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Certificate of Analysis

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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.

P12933 ↓ P12937 AJ 12/07/23

Catalog No. : 32010 **Lot No.:** A0202803

Description : Aroclor® 1248 Standard

Aroclor® 1248 Standard 1,000µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1248	12672-29-6	13897600	----%	1,001.7 µg/mL	+/- 55.5850

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

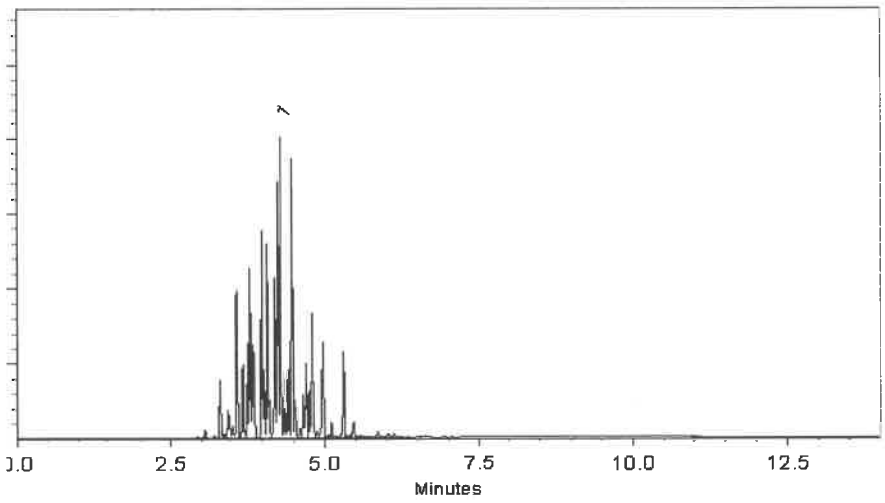
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I **Date Mixed:** 03-Oct-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 09-Oct-2023

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CERTIFIED WEIGHT REPORT

Part Number:	20064
Lot Number:	022023
Description:	CLP PCB'S - Aroclor Mix
	Aroclors 1016 & 1260
Expiration Date:	022033
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	1000
NIST Test ID#:	6UTB

Solvent(s): Hexane **Lot#** 273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

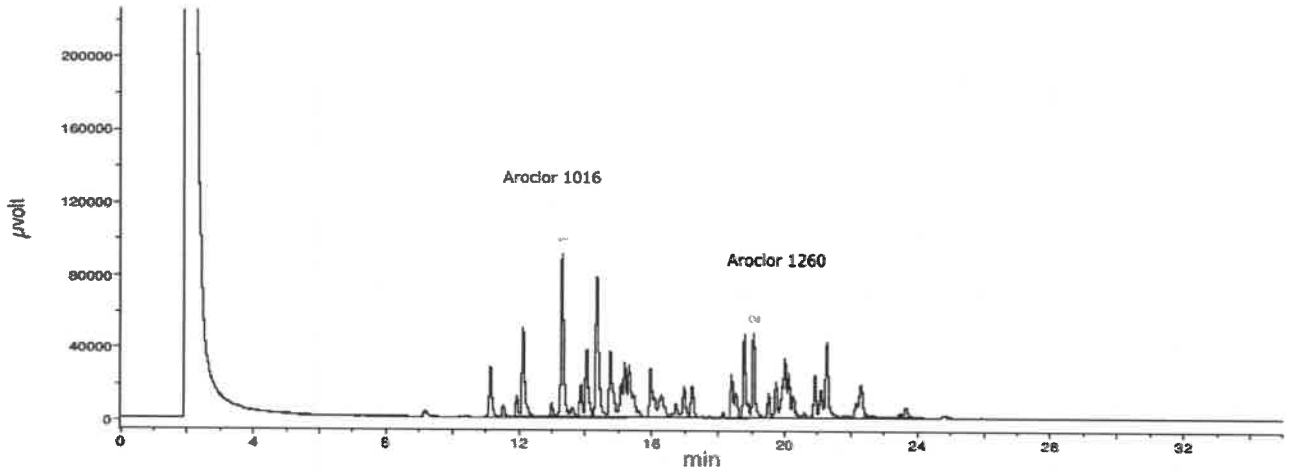
Formulated By: Benson Chan	022023 DATE
Reviewed By: Pedro L. Rentas	022023 DATE

P12946 ↓ P12955 12/20

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1016	15	020491JC	1000	100	0.2	0.20004	0.20060	1002.8	4.0	12674-11-2	N/A	N/A
2. Aroclor 1260	21	020491JC	1000	100	0.2	0.20004	0.20081	1003.9	4.0	11096-82-5	0.5mg/m3	orl-rat 1315mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
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 WEIGHT REPORT

Part Number:	20064
Lot Number:	022023
Description:	CLP PCB'S - Aroclor Mix
	Aroclors 1016 & 1260
Expiration Date:	022033
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	1000
NIST Test ID#:	6UTB

Solvent(s): Hexane **Lot#** 273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

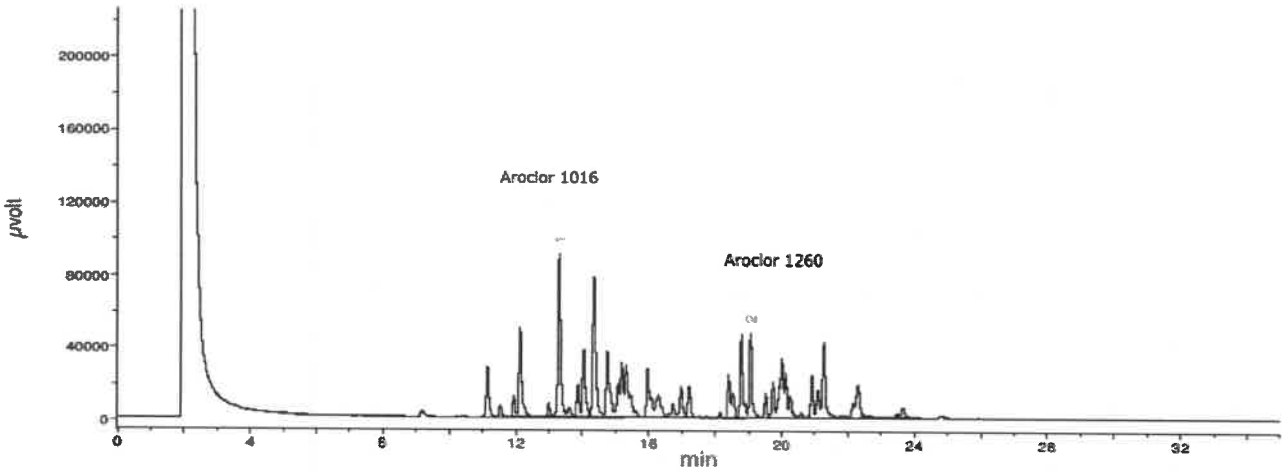
Formulated By: Benson Chan	022023 DATE
Reviewed By: Pedro L. Rentas	022023 DATE

P12946 ↓ P12955 12/20/23

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1016	15	020491JC	1000	100	0.2	0.20004	0.20060	1002.8	4.0	12674-11-2	N/A	N/A
2. Aroclor 1260	21	020491JC	1000	100	0.2	0.20004	0.20081	1003.9	4.0	11096-82-5	0.5mg/m3	orl-rat 1315mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
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 CRM

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AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	99139	**Solvent(s):**	**Lot#**	
Lot Number:	121823	Iso-octane	82227	
Description:	Aroclor 1254			
Expiration Date:	121833			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	100			
NIST Test ID#:	6UTB	5E-05	Balance Uncertainty	
Volume(s) shown below were combined and diluted to (mL):		20.0	0.003	Flask Uncertainty

		121823
Formulated By:	Anthony Mahoney	DATE
		121823
Reviewed By:	Pedro L. Rentas	DATE

P12956 & P12957 Y.P 12/20/23

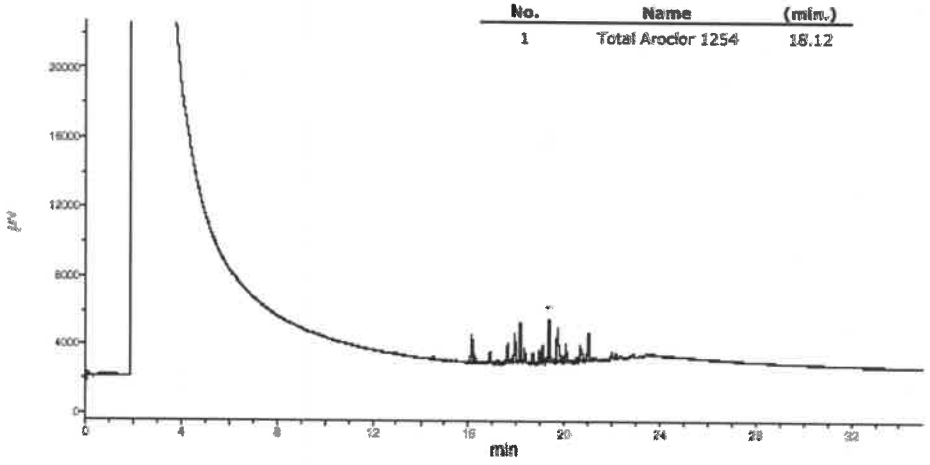
Note: Aroclor 1254 is a mix of isomers.

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(µg/mL)	Final Conc.(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1254	79100	121823	0.10	2.00	0.017	1003.3	100.1	1.8	11097-69-1	0.5mg/m3 (skin)	orl-rat 1295mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3

Peak No.	Name	FID RT (min.)
1	Total Aroclor 1254	18.12



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: 90165
Lot Number: 112322
Description: Aroclor 1262

Solvent(s): Hexane **Lot#** 273615

Expiration Date: 112332
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

5E-05 Balance Uncertainty
0.005 Flask Uncertainty

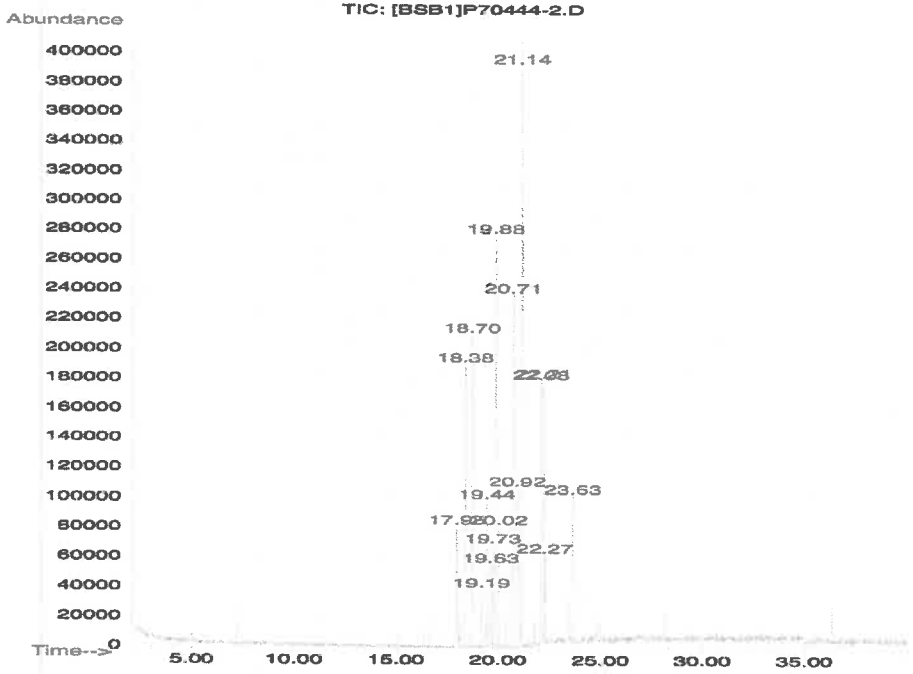
Weight(s) shown below were combined and diluted to (mL): 50.0

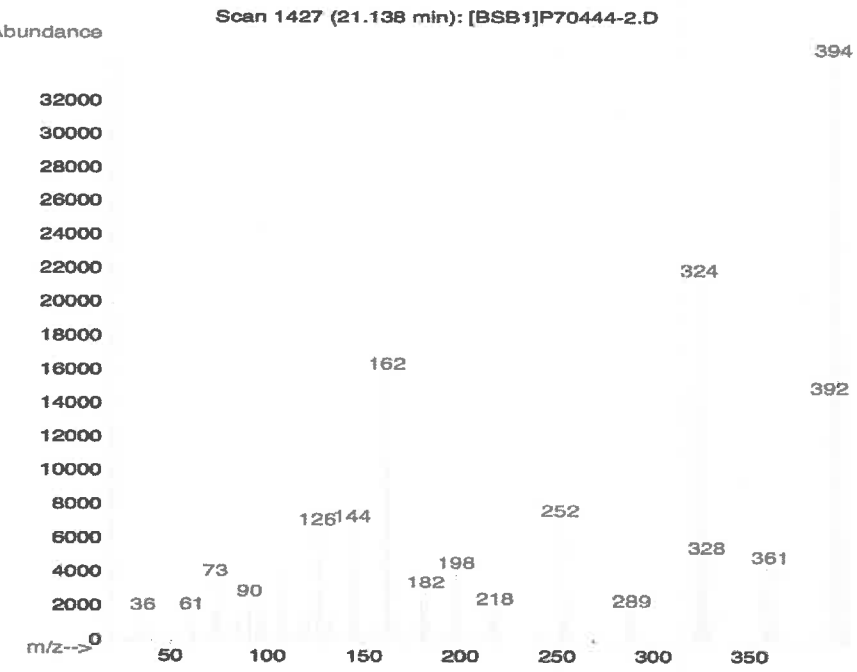
Formulated By: Prashant Chauhan	112322 DATE
Reviewed By: Pedro L. Rentas	112322 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1262	444	W-130-05	1000	100	0.2	0.05003	0.05016	1002.7	4.5	37324-23-5	N/A	orl-rat 11300mg/kg

Method GC7MSD-7.M: Column:(30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 150°C (0min.), Temp 2 = 290°C (12.5 min.), Rate = 8°C/min., Injector B= 200°C, Detector B = 290°C.

P13032 2 P13033 Y.P 12/21/23





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
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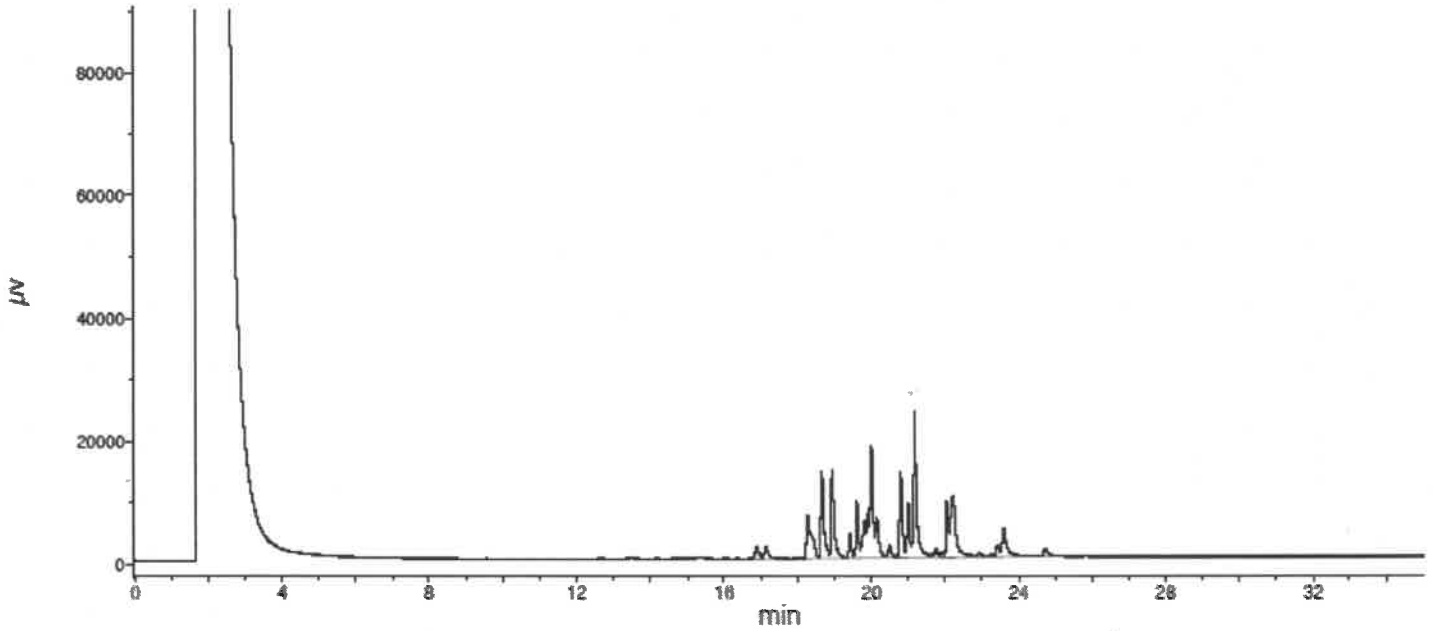
Run 20, "P90165 L112322 [1000µg/mL in hexane]"

Run Length: 35.00 min, 21000 points at 10 points/second.
Created: Thu, Dec 8, 2022 at 2:31:02 AM.
Sampled: Sequence "120722-GC3M1", Method "GC3-M1".
Analyzed using Method "GC3-M1".

Comments

GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



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110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

P13348 (10)
↓
P13357

Catalog No. : 32000 **Lot No.:** A0206810

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

04/25/2024

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.3 µg/mL	+/- 11.1143
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	200.6 µg/mL	+/- 11.1298

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
hellum-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

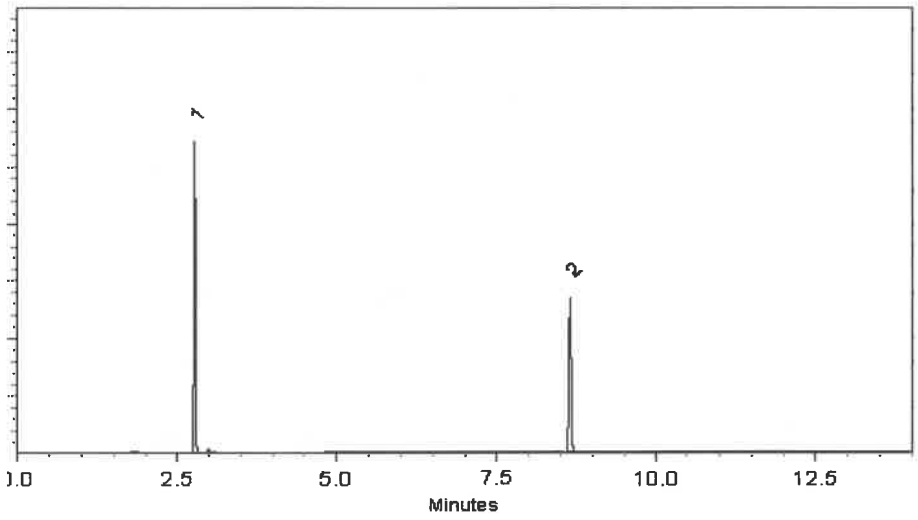
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I **Date Mixed:** 22-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 24-Jan-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P13348 (10)
↓
P13357
1
04/25/2025

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P13348 (10) → P13357

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Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

04/25/2024

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
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* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

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30m x .25mm x .2um
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Carrier Gas:
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Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

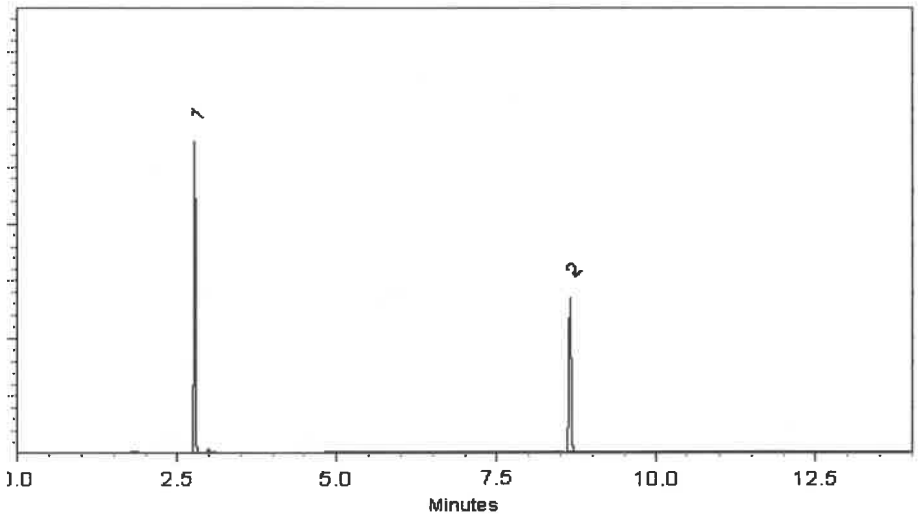
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I **Date Mixed:** 22-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 24-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P 13348 (10)
↓
P13357
04/25/2025

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ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name:	Aroclor 1221 Standard	**Lot Number:**	0006783205
Product Number:	PP-292-1	**Lot Issue Date:**	20-Feb-2024
Storage Conditions:	Store at Room Temperature (15° to 30°C).	**Expiration Date:**	31-Mar-2032

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
Aroclor 1221	100.3	±	0.5 µg/mL	011104-28-2	NT01017

Matrix: isooctane (2,2,4-trimethylpentane)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P133f2
↓
P133f3

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Maintenance of Certification:
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Sample lot approver:

Monica Bourgeois
QMS Representative

ANAB
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ACCREDITED
REFERENCE MATERIAL PRODUCER

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Cert No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015 Quality Management System. Cert# 951215321

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Customer PO #	Terms	PT Acct #	Customer #	Ship Via	F.O.B.
240903-01	Net 30	ZCM-100	1500470	FedEx 2nd Day	Golden, CO

Qty Ordered	Qty Shipped	Qty Backorder	Part Number	Part Description	Study Number	Lot Number
1	1	0	PT-MET-SOIL	SOIL/HW Trace Metals	HW1024	7098-04
1	1	0	PT-CR6-SOIL	SOIL/HW Hexavalent Chromium ✓	HW1024	7098-05D
1	1	0	PT-CN-SOIL	SOIL/HW Cyanide	HW1024	7098-06
1	1	0	PT-CORR-SOIL	SOIL/HW Corrosivity/pH ✓	HW1024	7098-11
1	1	0	PT-FP-SOIL	SOIL/HW Flash Point	HW1024	7098-10
1	1	0	PT-AN-SOIL	SOIL/HW Anions ✓	HW1024	7098-08
1	1	0	PT-NUT-SOIL	SOIL/HW Nutrients ✓	HW1024	7098-09B
1	1	0	PT-SOL-SOIL	SOIL/HW Solids	HW1024	7098-31
1	1	0	PT-NO2-SOIL	SOIL/HW Nitrite as N	HW1024	7098-71
1	1	0	PT-GAS-SOIL	SOIL/HW Gasoline	HW1024	7098-96
1	1	0	PT-DIES-SOIL	SOIL/HW Diesel in Soil	HW1024	7098-100
1	1	0	PT-OGR-SOIL	SOIL/HW Oil and Grease ✓	HW1024	7098-94
1	1	0	PT-VOA-SOIL	SOIL/HW Volatiles	HW1024	7098-12
1	1	0	PT-BNA-SOIL	SOIL/HW BNAs	HW1024	7098-13
1	1	0	PT-PEST-SOIL	SOIL/HW Pesticides	HW1024	7098-14
1	1	0	PT-CHLR-SOIL	SOIL/HW Chlordane	HW1024	7098-15
1	1	0	PT-TXP-SOIL	SOIL/HW Toxaphene	HW1024	7098-16
1	1	0	PT-PCB-SOIL	SOIL/HW PCBs	HW1024	7098-17
1	1	0	PT-PCBO-SOIL	SOIL/HW PCBs in Oil	HW1024	7098-88
1	1	0	PT-HERB-SOIL	SOIL/HW Herbicides	HW1024	7098-18
1	1	0	PT-PAH-SOIL	SOIL/HW PAHs	HW1024	7098-22
1	1	0	PT-TRIAZINE-SOIL	SOIL/HW Triazine Pesticides	HW1024	7098-106

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240903-01	Net 30	ZCM-100	1500470	FedEx 2nd Day	Golden, CO

Qty Ordered	Qty Shipped	Qty Backorder	Part Number	Part Description	Study Number	Lot Number
1	1	0	PT-NJEPH-SOIL	NJ EPH in SOIL ✓✓	HW1024	7098-105

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488