284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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DATA PACKAGE

GC SEMI-VOLATILES

PROJECT NAME : RAYMARK SUPERFUND SITE

NOBIS GROUP

585 Middlesex Street

Lowell, MA - 01851

Phone No: 978-683-0891

ORDER ID : Q1883

ATTENTION : Adam Roy

Laboratory Certification ID # 20012

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Cover Page

Order ID : Q1883

Project ID : Raymark Superfund Site

Client : Nobis Group

Lab Sample Number	Client Sample Number
Q1883-01	OU4-PCS-TC-27-042325
Q1883-02	OU4-PCS-TC-27-042325
Q1883-03	OU4-PCS-TC-28-042325
Q1883-04	OU4-PCS-TC-28-042325
Q1883-05	OU4-PCS-TC-29-042325
Q1883-06	OU4-PCS-TC-29-042325
Q1883-07	OU4-PCS-TC-30-042325
Q1883-08	OU4-PCS-TC-30-042325
Q1883-09	OU4-PCS-TC-31-042325
Q1883-10	OU4-PCS-TC-31-042325
Q1883-11	OU4-PCS-TC-32-042325
Q1883-12	OU4-PCS-TC-32-042325
Q1883-13	OU4-VSL-18-042325
Q1883-14	OU4-VSL-18-042325
Q1883-15	OU4-VSL-19-042325
Q1883-16	OU4-VSL-19-042325
Q1883-17	SO-TB-01-042325

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: 5/2/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Nobis Group
Project Name: Raymark Superfund Site
Project # N/A
Chemtech Project # Q1883
Test Name: PCB

A. Number of Samples and Date of Receipt:
17 Solid samples were received on 04/25/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Cyanide, Herbicide Group1, Mercury, Metals ICP-TAL, METALS-TAL, PCB, Pesticide-TCL, SPLP Extraction, SPLP Mercury, SPLP MetalGroup3, SVOCMS Group3, VOCMS Group1 and VOCMS Group3. This data package contains results for PCB.

C. Analytical Techniques:
The analyses were performed on instrument GCECD_P. 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 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 .

E. Additional Comments:

The not QT review data is reported in the Miscellaneous.
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

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GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: Q1883 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:

The not QT review data is reported in the Miscellaneous.

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

_____ _____

QA REVIEW Date

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1883

	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:** 05/02/2025

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LAB CHRONICLE

OrderID:	Q1883	**OrderDate:**	4/25/2025 10:10:00 AM
Client:	Nobis Group	**Project:**	Raymark Superfund Site
Contact:	Adam Roy	**Location:**	L41,L51,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1883-01	**OU4-PCS-TC-27-042325**	**SOIL**			**04/23/25**			**04/25/25**
			PCB	8082A		04/29/25	04/29/25	
Q1883-03	**OU4-PCS-TC-28-042325**	**SOIL**			**04/23/25**			**04/25/25**
			PCB	8082A		04/29/25	04/29/25	
Q1883-05	**OU4-PCS-TC-29-042325**	**SOIL**			**04/23/25**			**04/25/25**
			PCB	8082A		04/29/25	04/29/25	
Q1883-07	**OU4-PCS-TC-30-042325**	**SOIL**			**04/23/25**			**04/25/25**
			PCB	8082A		04/29/25	04/29/25	
Q1883-09	**OU4-PCS-TC-31-042325**	**SOIL**			**04/23/25**			**04/25/25**
			PCB	8082A		04/29/25	04/29/25	
Q1883-11	**OU4-PCS-TC-32-042325**	**SOIL**			**04/23/25**			**04/25/25**
			PCB	8082A		04/29/25	04/29/25	
Q1883-13	**OU4-VSL-18-042325**	**SOIL**			**04/23/25**			**04/25/25**
			PCB	8082A		04/29/25	04/29/25	
Q1883-15	**OU4-VSL-19-042325**	**SOIL**			**04/23/25**			**04/25/25**
			PCB	8082A		04/29/25	04/29/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1883 **Order ID:** Q1883

Client: Nobis Group **Project ID:** Raymark Superfund Site

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

QC SUMMARY

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Surrogate Summary

SDG No.: Q1883

Client: Nobis Group

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PO110348.D	PIBLK-PO110348.D	Tetrachloro-m-xylene	1	20	18.1	91		60	140
		Decachlorobiphenyl	1	20	19.2	96		60	140
		Tetrachloro-m-xylene	2	20	18.2	91		60	140
		Decachlorobiphenyl	2	20	20.2	101		60	140
I.BLK-PO110865.D	PIBLK-PO110865.D	Tetrachloro-m-xylene	1	20	18.4	92		60	140
		Decachlorobiphenyl	1	20	17.5	88		60	140
		Tetrachloro-m-xylene	2	20	16.9	84		60	140
		Decachlorobiphenyl	2	20	16.9	85		60	140
Q1904-01MS	VNJ-210MS	Tetrachloro-m-xylene	1	20	23.3	117		44	130
		Decachlorobiphenyl	1	20	19.1	96		60	125
		Tetrachloro-m-xylene	2	20	21.3	106		44	130
		Decachlorobiphenyl	2	20	19.1	95		60	125
Q1904-01MSD	VNJ-210MSD	Tetrachloro-m-xylene	1	20	22.9	114		44	130
		Decachlorobiphenyl	1	20	19.0	95		60	125
		Tetrachloro-m-xylene	2	20	20.8	104		44	130
		Decachlorobiphenyl	2	20	18.7	93		60	125
I.BLK-PO110880.D	PIBLK-PO110880.D	Tetrachloro-m-xylene	1	20	18.4	92		60	140
		Decachlorobiphenyl	1	20	16.6	83		60	140
		Tetrachloro-m-xylene	2	20	17.0	85		60	140
		Decachlorobiphenyl	2	20	16.7	83		60	140
I.BLK-PP071388.D	PIBLK-PP071388.D	Tetrachloro-m-xylene	1	20	17.1	85		60	140
		Decachlorobiphenyl	1	20	17.6	88		60	140
		Tetrachloro-m-xylene	2	20	17.2	86		60	140
		Decachlorobiphenyl	2	20	17.6	88		60	140
I.BLK-PP071603.D	PIBLK-PP071603.D	Tetrachloro-m-xylene	1	20	15.9	79		60	140
		Decachlorobiphenyl	1	20	17.3	86		60	140
		Tetrachloro-m-xylene	2	20	18.3	91		60	140
		Decachlorobiphenyl	2	20	18.6	93		60	140
PB167776BL	PB167776BL	Tetrachloro-m-xylene	1	20	18.7	94		44	130
		Decachlorobiphenyl	1	20	19.5	97		60	125
		Tetrachloro-m-xylene	2	20	19.9	100		44	130
		Decachlorobiphenyl	2	20	21.1	105		60	125
PB167776BS	PB167776BS	Tetrachloro-m-xylene	1	20	19.5	97		44	130
		Decachlorobiphenyl	1	20	20.9	105		60	125
		Tetrachloro-m-xylene	2	20	20.7	103		44	130
		Decachlorobiphenyl	2	20	21.3	106		60	125
Q1883-01	OU4-PCS-TC-27-042325	Tetrachloro-m-xylene	1	20	17.9	90		44	130
		Decachlorobiphenyl	1	20	18.0	90		60	125
		Tetrachloro-m-xylene	2	20	20.4	102		44	130
		Decachlorobiphenyl	2	20	19.5	98		60	125
Q1883-03	OU4-PCS-TC-28-042325	Tetrachloro-m-xylene	1	20	18.4	92		44	130

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Surrogate Summary

SDG No.: Q1883

Client: Nobis Group

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
Q1883-03	OU4-PCS-TC-28-042325	Decachlorobiphenyl	1	20	18.6	93		60	125
		Tetrachloro-m-xylene	2	20	20.4	102		44	130
		Decachlorobiphenyl	2	20	19.8	99		60	125
Q1883-05	OU4-PCS-TC-29-042325	Tetrachloro-m-xylene	1	20	14.5	72		44	130
		Decachlorobiphenyl	1	20	13.6	68		60	125
		Tetrachloro-m-xylene	2	20	15.8	79		44	130
		Decachlorobiphenyl	2	20	14.4	72		60	125
Q1883-07	OU4-PCS-TC-30-042325	Tetrachloro-m-xylene	1	20	18.2	91		44	130
		Decachlorobiphenyl	1	20	18.5	93		60	125
		Tetrachloro-m-xylene	2	20	20.0	100		44	130
		Decachlorobiphenyl	2	20	20.4	102		60	125
Q1883-09	OU4-PCS-TC-31-042325	Tetrachloro-m-xylene	1	20	19.2	96		44	130
		Decachlorobiphenyl	1	20	20.1	101		60	125
		Tetrachloro-m-xylene	2	20	20.6	103		44	130
		Decachlorobiphenyl	2	20	20.6	103		60	125
I.BLK-PP071618.D	PIBLK-PP071618.D	Tetrachloro-m-xylene	1	20	16.0	80		60	140
		Decachlorobiphenyl	1	20	18.0	90		60	140
		Tetrachloro-m-xylene	2	20	17.3	86		60	140
		Decachlorobiphenyl	2	20	19.3	96		60	140
Q1883-11	OU4-PCS-TC-32-042325	Tetrachloro-m-xylene	1	20	17.7	89		44	130
		Decachlorobiphenyl	1	20	19.4	97		60	125
		Tetrachloro-m-xylene	2	20	19.7	99		44	130
		Decachlorobiphenyl	2	20	20.5	103		60	125
Q1883-13	OU4-VSL-18-042325	Tetrachloro-m-xylene	1	20	20.2	101		44	130
		Decachlorobiphenyl	1	20	20.7	103		60	125
		Tetrachloro-m-xylene	2	20	22.1	111		44	130
		Decachlorobiphenyl	2	20	21.2	106		60	125
Q1883-15	OU4-VSL-19-042325	Tetrachloro-m-xylene	1	20	19.4	97		44	130
		Decachlorobiphenyl	1	20	19.5	98		60	125
		Tetrachloro-m-xylene	2	20	22.2	111		44	130
		Decachlorobiphenyl	2	20	20.6	103		60	125
I.BLK-PP071633.D	PIBLK-PP071633.D	Tetrachloro-m-xylene	1	20	16.8	84		60	140
		Decachlorobiphenyl	1	20	18.0	90		60	140
		Tetrachloro-m-xylene	2	20	18.2	91		60	140
		Decachlorobiphenyl	2	20	19.2	96		60	140

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1883

Client: Nobis Group

Analytical Method: 8082A **DataFile :** PO110867.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Client Sample ID:	**VNJ-210MS**											
Q1904-01MS	AR1016	183.8	0	201	ug/kg	109				47	134	
	AR1260	183.8	0	187	ug/kg	102				53	140	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1883

Client: Nobis Group

Analytical Method: 8082A **DataFile :** PO110868.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:	**VNJ-210MSD**											
Q1904-01MSD	AR1016	183.7	0	199	ug/kg	108		1		47	134	20
	AR1260	183.7	0	183	ug/kg	100		2		53	140	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1883

Client: Nobis Group

Analytical Method: 8082A **Datafile :** PP071608.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167776BS	AR1016	166.5	156	ug/kg	94				47	134	
	AR1260	166.5	157	ug/kg	94				53	140	

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167776BL

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q1883 SAS No.: Q1883 SDG NO.: Q1883

Lab Sample ID: PB167776BL Lab File ID: PP071607.D

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

Sulfur Cleanup: (Y/N) N Date Extracted: 04/29/2025

Date Analyzed (1): 04/29/2025 Date Analyzed (2): 04/29/2025

Time Analyzed (1): 13:30 Time Analyzed (2): 13:30

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

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
VNJ-210MS	Q1904-01MS	PO110867.D	04/29/2025	04/29/2025
VNJ-210MSD	Q1904-01MSD	PO110868.D	04/29/2025	04/29/2025
PB167776BS	PB167776BS	PP071608.D	04/29/2025	04/29/2025
OU4-PCS-TC-27-042325	Q1883-01	PP071609.D	04/29/2025	04/29/2025
OU4-PCS-TC-28-042325	Q1883-03	PP071610.D	04/29/2025	04/29/2025
OU4-PCS-TC-29-042325	Q1883-05	PP071611.D	04/29/2025	04/29/2025
OU4-PCS-TC-30-042325	Q1883-07	PP071612.D	04/29/2025	04/29/2025
OU4-PCS-TC-31-042325	Q1883-09	PP071613.D	04/29/2025	04/29/2025
OU4-PCS-TC-32-042325	Q1883-11	PP071619.D	04/29/2025	04/29/2025
OU4-VSL-18-042325	Q1883-13	PP071620.D	04/29/2025	04/29/2025
OU4-VSL-19-042325	Q1883-15	PP071621.D	04/29/2025	04/29/2025

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:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-27-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	94.5 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
PP071609.D	1	04/29/25 08:35	04/29/25 14:02	PB167776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.80	U	4.20	8.80	18.0	ug/kg
11104-28-2	Aroclor-1221	13.7	U	4.30	13.7	18.0	ug/kg
11141-16-5	Aroclor-1232	8.80	U	3.90	8.80	18.0	ug/kg
53469-21-9	Aroclor-1242	8.80	U	4.20	8.80	18.0	ug/kg
12672-29-6	Aroclor-1248	13.7	U	6.30	13.7	18.0	ug/kg
11097-69-1	Aroclor-1254	8.80	U	3.40	8.80	18.0	ug/kg
37324-23-5	Aroclor-1262	13.7	U	5.30	13.7	18.0	ug/kg
11100-14-4	Aroclor-1268	8.80	U	3.80	8.80	18.0	ug/kg
11096-82-5	Aroclor-1260	8.80	U	3.40	8.80	18.0	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.4		44 - 130		102%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.5		60 - 125		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_P\Data\PP042925\
Data File : PP071609.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 14:02
Operator : YP\AJ
Sample : Q1883-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:24:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-27-042325

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.508	3.809	35554405	28794813	17.933m	20.442
2)	SA Decachlor...	10.226	8.841	26088055	17112704	18.016	19.512
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071609.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 14:02
Operator : YP\AJ
Sample : Q1883-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

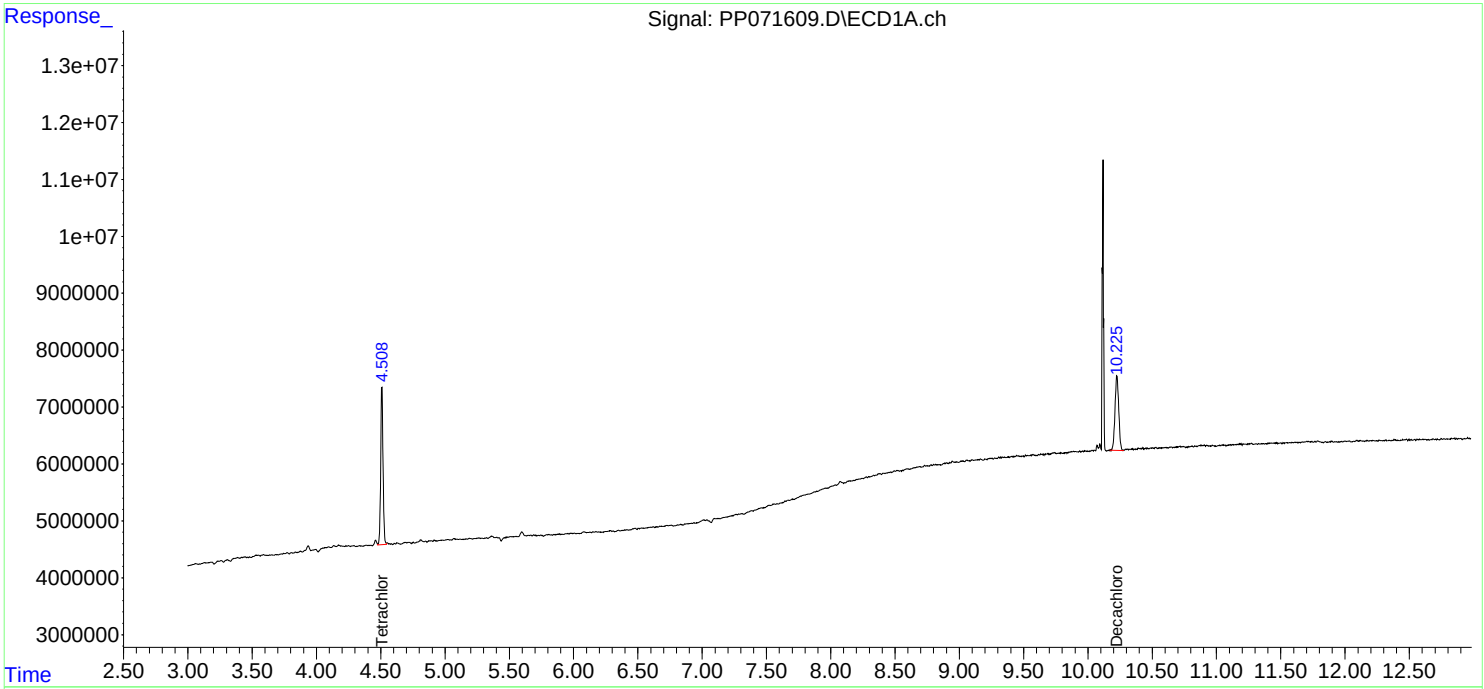
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-27-042325

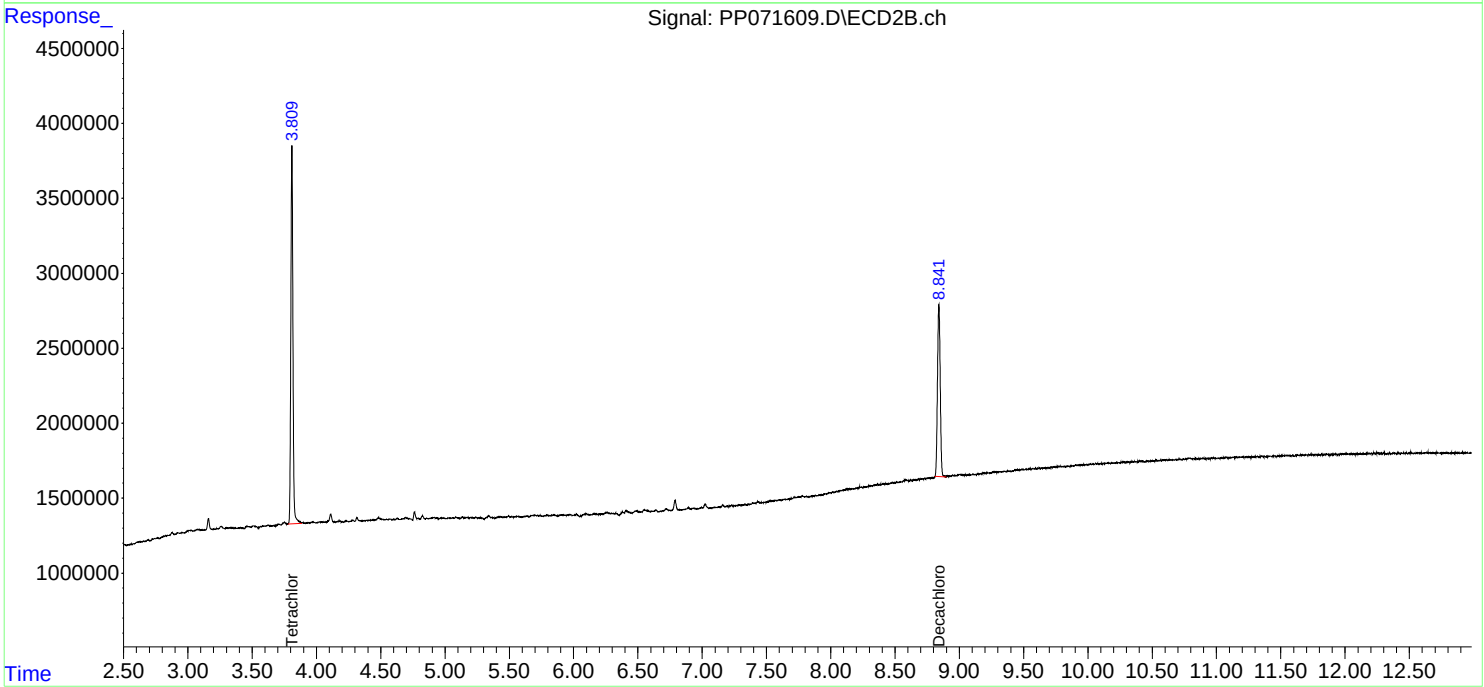
Manual Integrations APPROVED

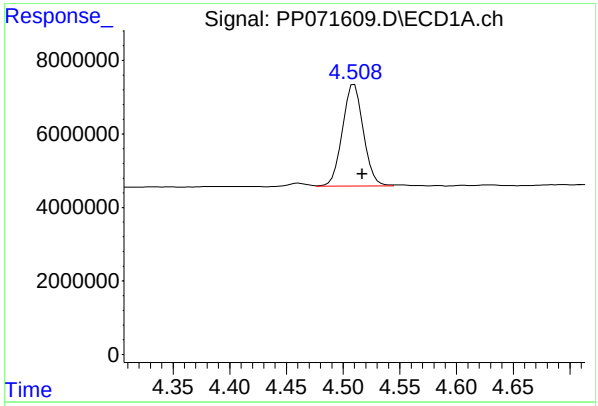
Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:24:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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







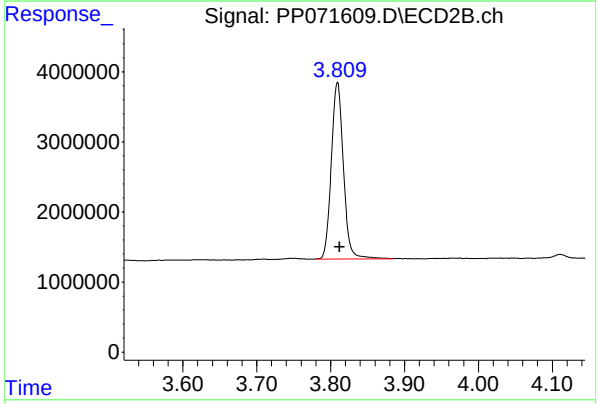
#1 Tetrachloro-m-xylene

R.T.: 4.508 min
Delta R.T.: -0.009 min
Response: 35554405
Conc: 17.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-27-042325

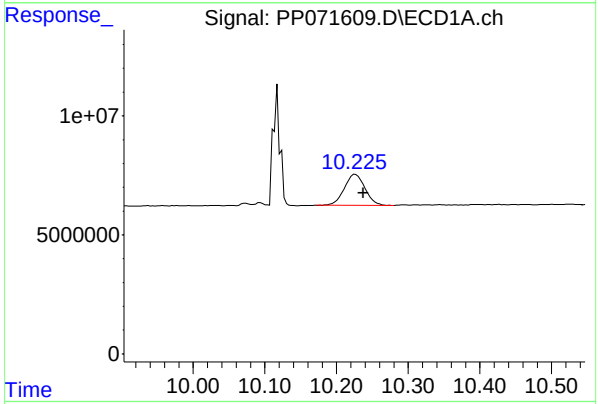
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



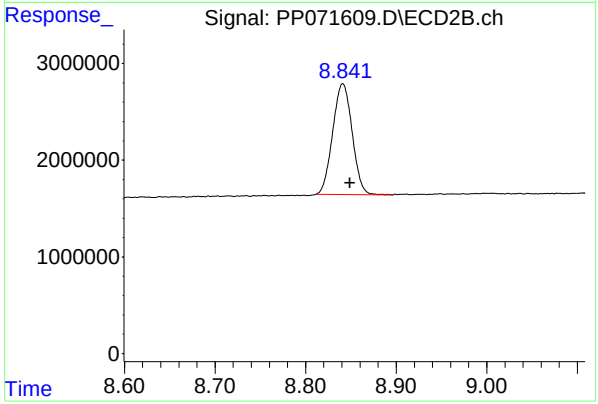
#1 Tetrachloro-m-xylene

R.T.: 3.809 min
Delta R.T.: -0.003 min
Response: 28794813
Conc: 20.44 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.226 min
Delta R.T.: -0.011 min
Response: 26088055
Conc: 18.02 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.841 min
Delta R.T.: -0.008 min
Response: 17112704
Conc: 19.51 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-28-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-03	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	94.5 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
PP071610.D	1	04/29/25 08:35	04/29/25 14:19	PB167776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.80	U	4.20	8.80	18.0	ug/kg
11104-28-2	Aroclor-1221	13.7	U	4.30	13.7	18.0	ug/kg
11141-16-5	Aroclor-1232	8.80	U	3.90	8.80	18.0	ug/kg
53469-21-9	Aroclor-1242	8.80	U	4.20	8.80	18.0	ug/kg
12672-29-6	Aroclor-1248	13.7	U	6.30	13.7	18.0	ug/kg
11097-69-1	Aroclor-1254	8.80	U	3.40	8.80	18.0	ug/kg
37324-23-5	Aroclor-1262	13.7	U	5.30	13.7	18.0	ug/kg
11100-14-4	Aroclor-1268	8.80	U	3.80	8.80	18.0	ug/kg
11096-82-5	Aroclor-1260	8.80	U	3.40	8.80	18.0	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.4		44 - 130		102%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.8		60 - 125		99%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071610.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 14:19
Operator : YP\AJ
Sample : Q1883-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-28-042325

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:25:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.512	3.809	36470208	28771524	18.395	20.425
2)	SA Decachlor...	10.230	8.841	26962936	17396722	18.621	19.835
	Target Compounds						

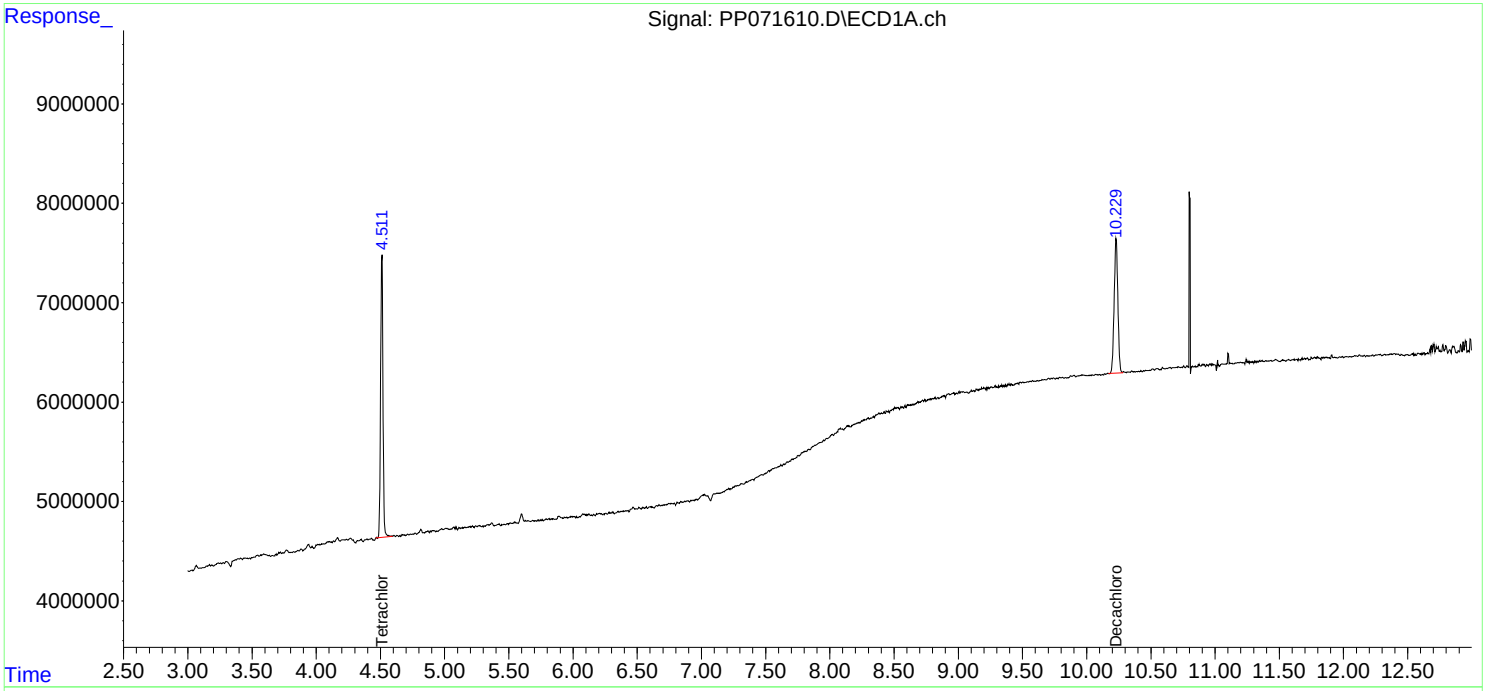
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

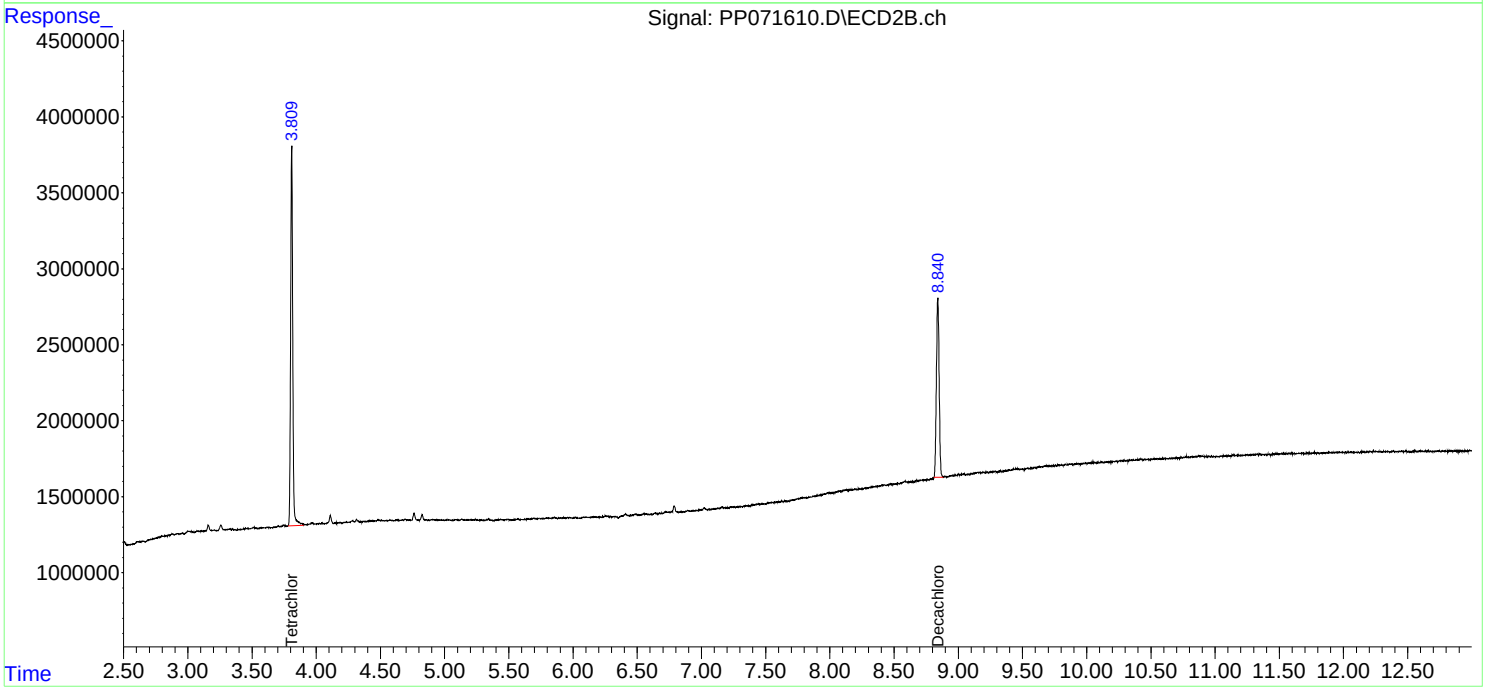
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071610.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 14:19
Operator : YP\AJ
Sample : Q1883-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

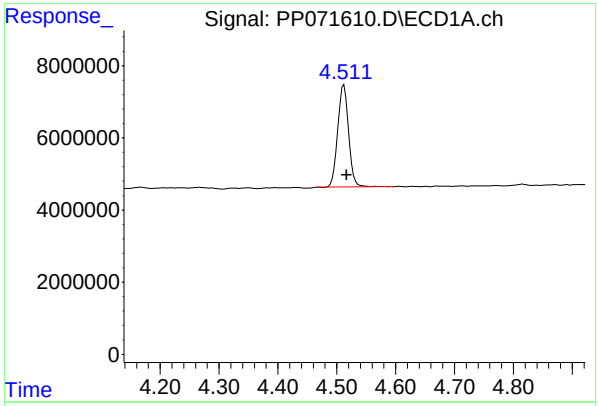
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-28-042325

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:25:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



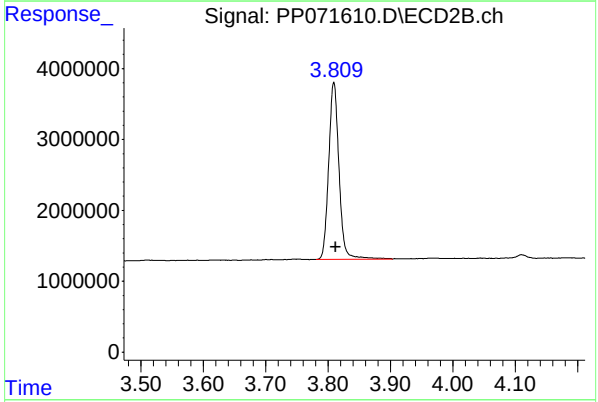




#1 Tetrachloro-m-xylene

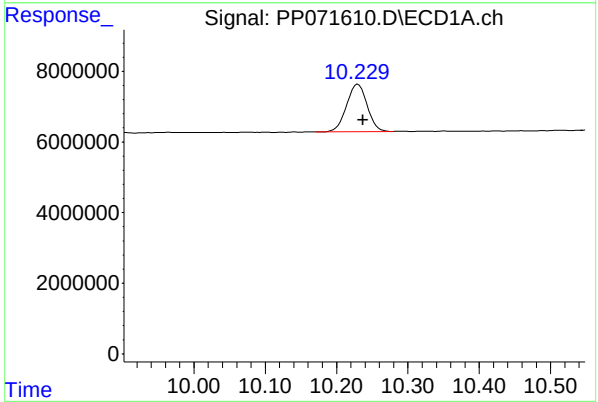
R.T.: 4.512 min
Delta R.T.: -0.005 min
Response: 36470208
Conc: 18.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-28-042325



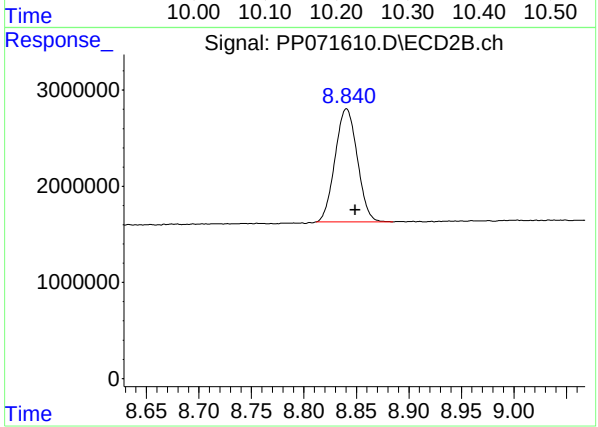
#1 Tetrachloro-m-xylene

R.T.: 3.809 min
Delta R.T.: -0.003 min
Response: 28771524
Conc: 20.43 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.230 min
Delta R.T.: -0.007 min
Response: 26962936
Conc: 18.62 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.841 min
Delta R.T.: -0.009 min
Response: 17396722
Conc: 19.84 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-29-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-05	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	95.7 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
PP071611.D	1	04/29/25 08:35	04/29/25 14:35	PB167776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.70	U	4.10	8.70	17.8	ug/kg
11104-28-2	Aroclor-1221	13.6	U	4.20	13.6	17.8	ug/kg
11141-16-5	Aroclor-1232	8.70	U	3.90	8.70	17.8	ug/kg
53469-21-9	Aroclor-1242	8.70	U	4.20	8.70	17.8	ug/kg
12672-29-6	Aroclor-1248	13.6	U	6.20	13.6	17.8	ug/kg
11097-69-1	Aroclor-1254	8.70	U	3.40	8.70	17.8	ug/kg
37324-23-5	Aroclor-1262	13.6	U	5.20	13.6	17.8	ug/kg
11100-14-4	Aroclor-1268	8.70	U	3.80	8.70	17.8	ug/kg
11096-82-5	Aroclor-1260	8.70	U	3.40	8.70	17.8	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	15.8		44 - 130		79%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.4		60 - 125		72%	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_P\Data\PP042925\
Data File : PP071611.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 14:35
Operator : YP\AJ
Sample : Q1883-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-29-042325

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:25:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.511	3.809	28702941	22222370	14.477	15.776
2)	SA Decachlor...	10.226	8.841	19745947	12621914	13.637	14.391
	Target Compounds						

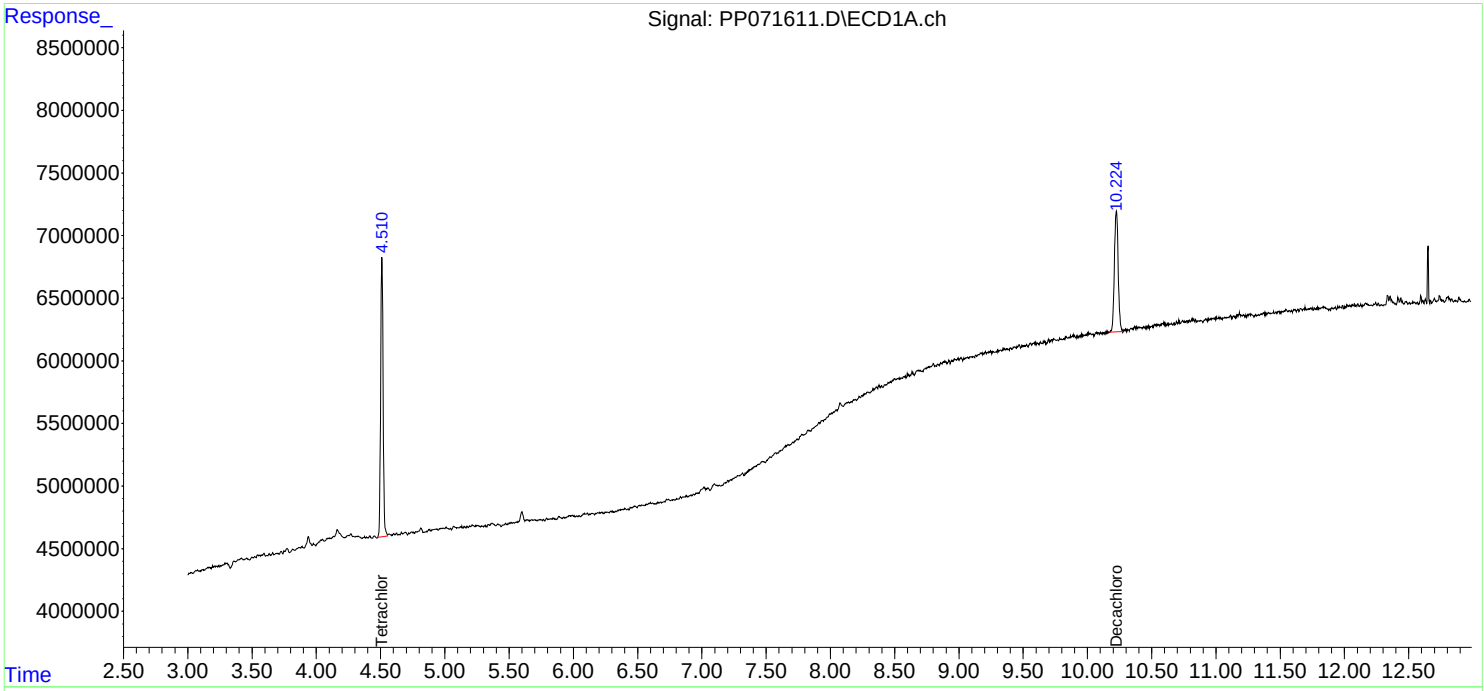
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

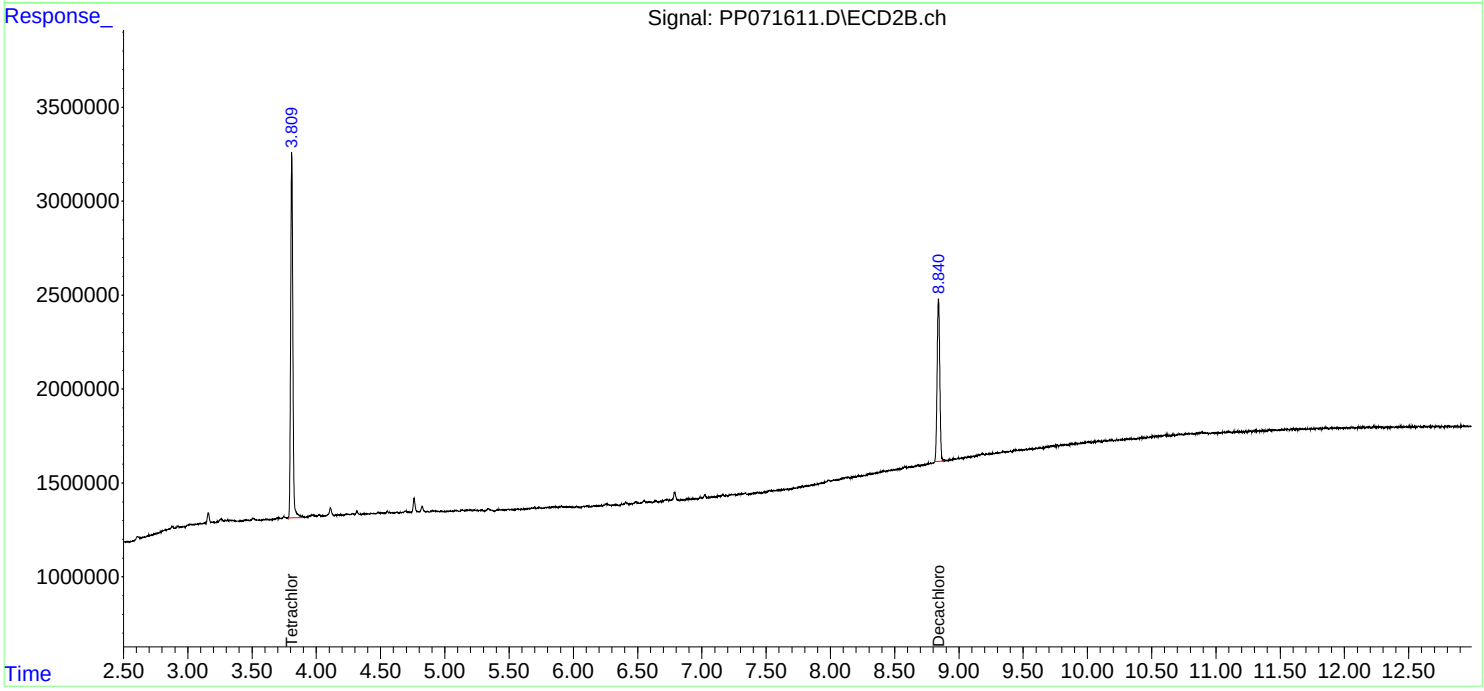
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071611.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 14:35
Operator : YP\AJ
Sample : Q1883-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

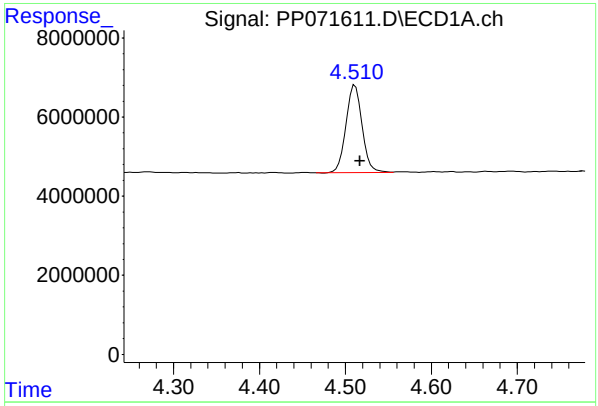
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-29-042325

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:25:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



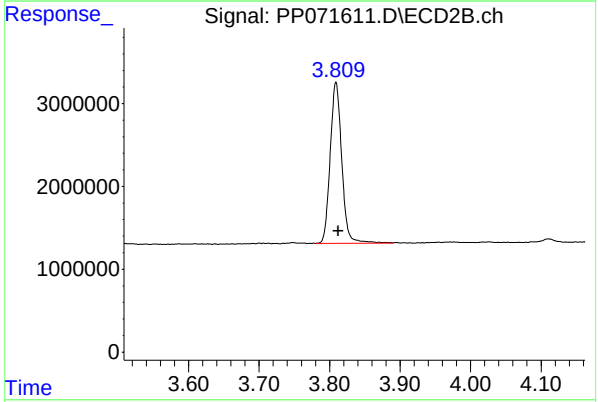




#1 Tetrachloro-m-xylene

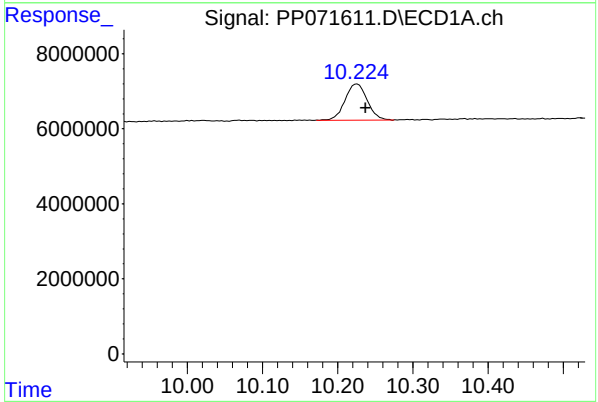
R.T.: 4.511 min
Delta R.T.: -0.006 min
Response: 28702941
Conc: 14.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-29-042325



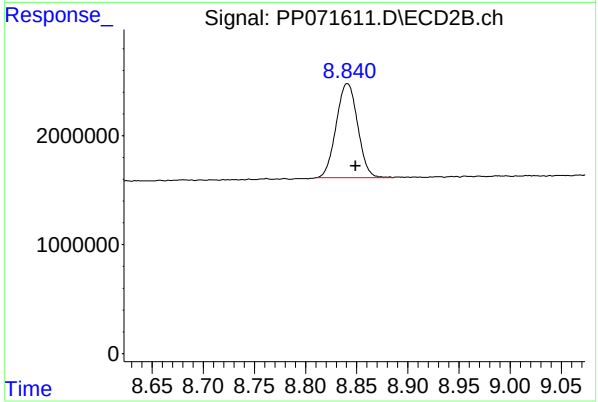
#1 Tetrachloro-m-xylene

R.T.: 3.809 min
Delta R.T.: -0.003 min
Response: 22222370
Conc: 15.78 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.226 min
Delta R.T.: -0.012 min
Response: 19745947
Conc: 13.64 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.841 min
Delta R.T.: -0.008 min
Response: 12621914
Conc: 14.39 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-30-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-07	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	96.5 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
PP071612.D	1	04/29/25 08:35	04/29/25 14:51	PB167776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.60	U	4.10	8.60	17.6	ug/kg
11104-28-2	Aroclor-1221	13.4	U	4.20	13.4	17.6	ug/kg
11141-16-5	Aroclor-1232	8.60	U	3.80	8.60	17.6	ug/kg
53469-21-9	Aroclor-1242	8.60	U	4.10	8.60	17.6	ug/kg
12672-29-6	Aroclor-1248	13.4	U	6.10	13.4	17.6	ug/kg
11097-69-1	Aroclor-1254	8.60	U	3.30	8.60	17.6	ug/kg
37324-23-5	Aroclor-1262	13.4	U	5.20	13.4	17.6	ug/kg
11100-14-4	Aroclor-1268	8.60	U	3.70	8.60	17.6	ug/kg
11096-82-5	Aroclor-1260	8.60	U	3.30	8.60	17.6	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.0		44 - 130		100%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.4		60 - 125		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_P\Data\PP042925\
Data File : PP071612.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 14:51
Operator : YP\AJ
Sample : Q1883-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-30-042325

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:25:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.511	3.825	36155469	28146630	18.236	19.981
2)	SA Decachlor...	10.226	8.856	26850120	17922177	18.543	20.435
	Target Compounds						

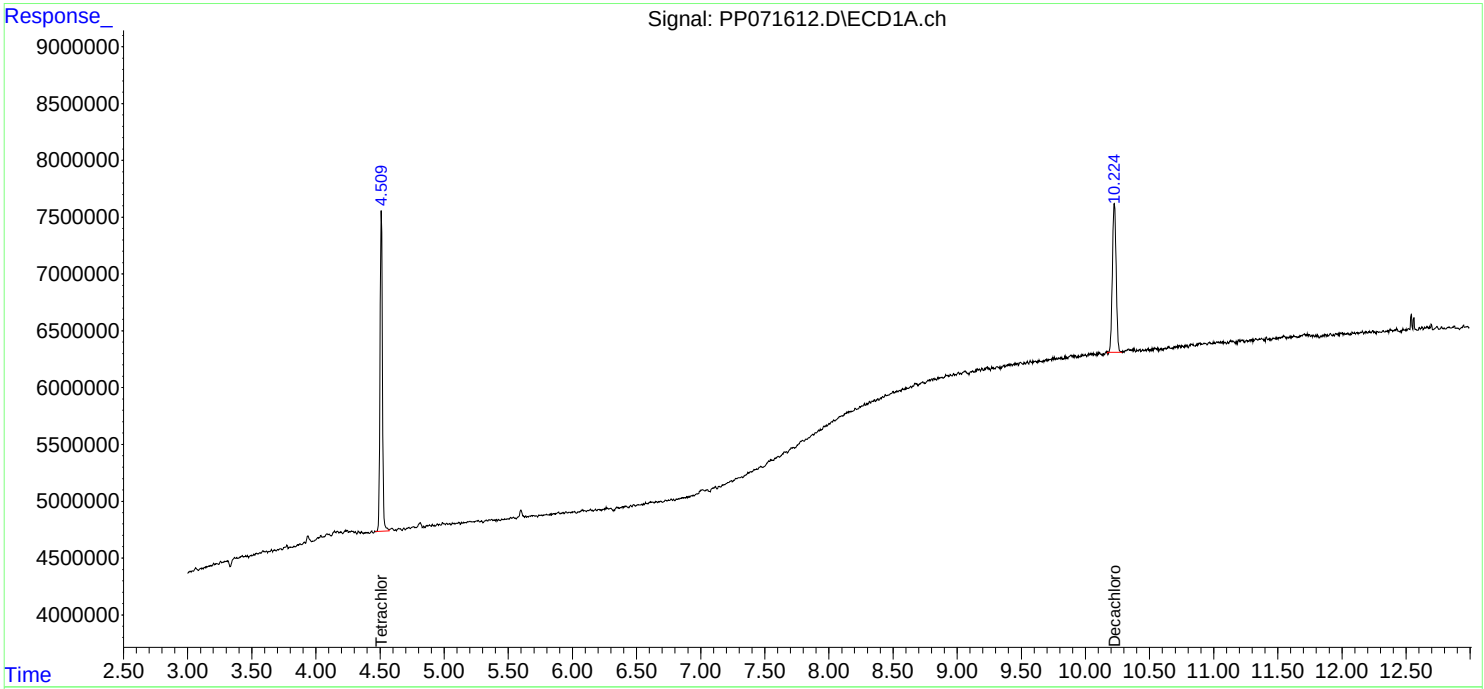
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

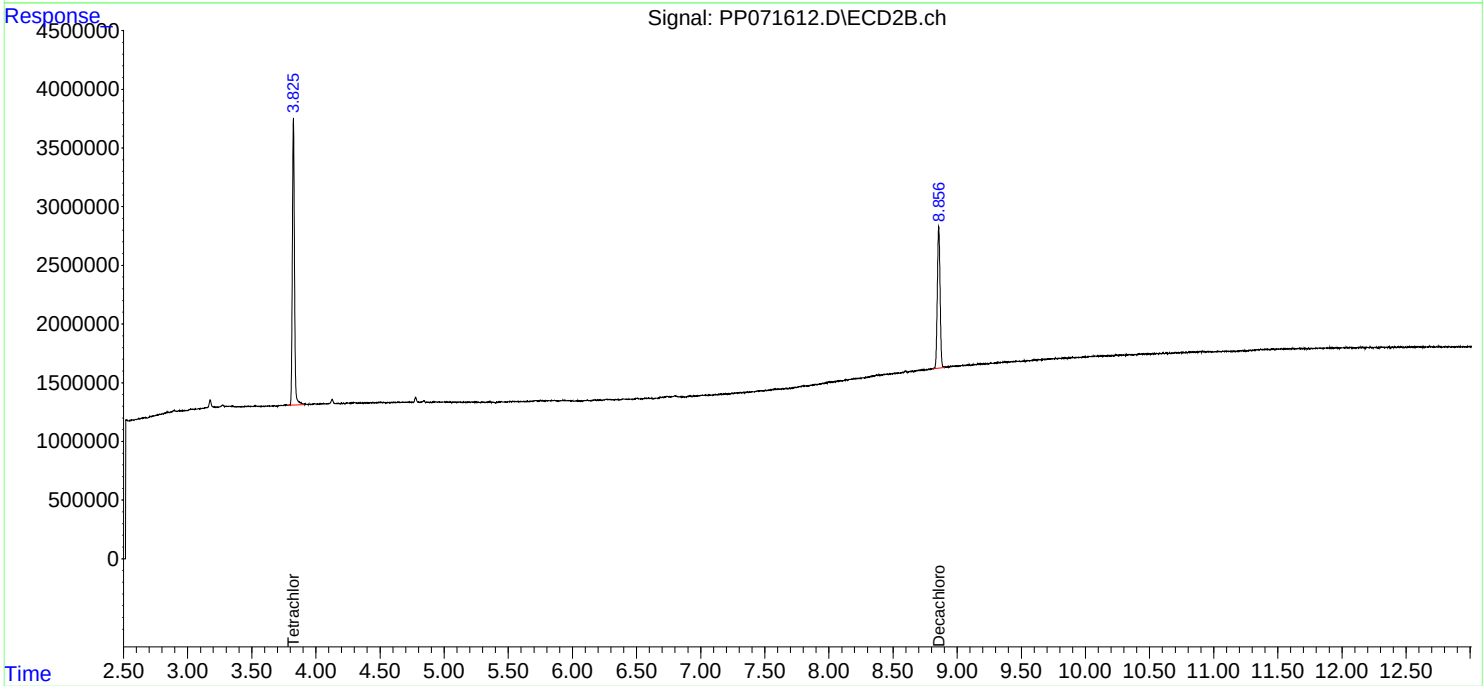
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071612.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 14:51
Operator : YP\AJ
Sample : Q1883-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

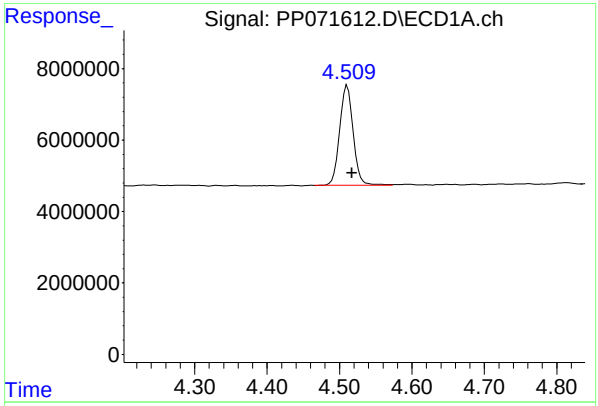
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-30-042325

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:25:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



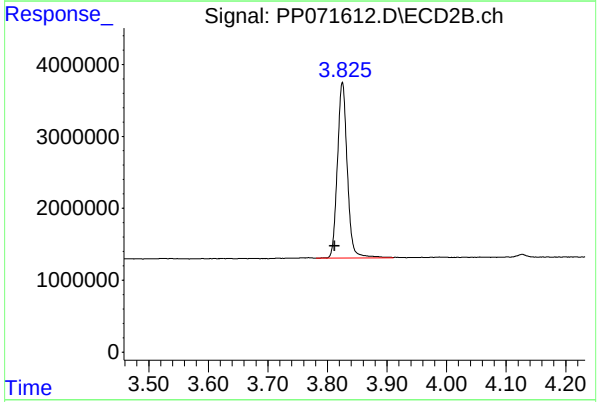




#1 Tetrachloro-m-xylene

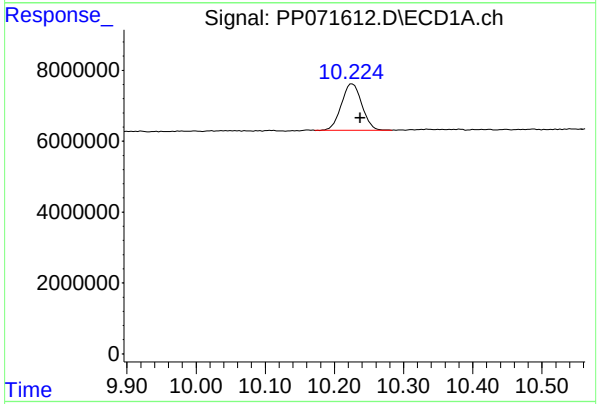
R.T.: 4.511 min
Delta R.T.: -0.006 min
Response: 36155469
Conc: 18.24 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-30-042325



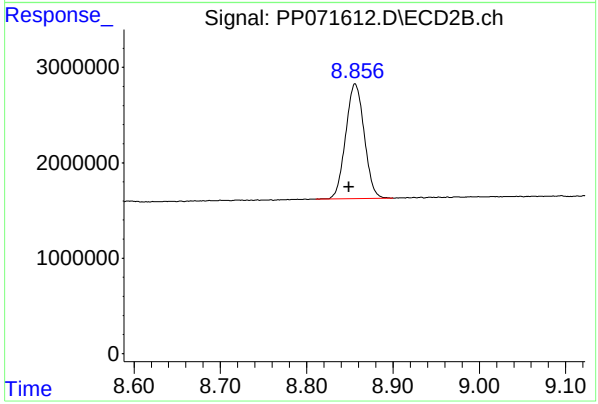
#1 Tetrachloro-m-xylene

R.T.: 3.825 min
Delta R.T.: 0.013 min
Response: 28146630
Conc: 19.98 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.226 min
Delta R.T.: -0.011 min
Response: 26850120
Conc: 18.54 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.856 min
Delta R.T.: 0.007 min
Response: 17922177
Conc: 20.43 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-31-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-09	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	96.9 Decanted:
Sample Wt/Vol:	30.08 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
PP071613.D	1	04/29/25 08:35	04/29/25 15:08	PB167776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.50	U	4.10	8.50	17.5	ug/kg
11104-28-2	Aroclor-1221	13.4	U	4.10	13.4	17.5	ug/kg
11141-16-5	Aroclor-1232	8.50	U	3.80	8.50	17.5	ug/kg
53469-21-9	Aroclor-1242	8.50	U	4.10	8.50	17.5	ug/kg
12672-29-6	Aroclor-1248	13.4	U	6.10	13.4	17.5	ug/kg
11097-69-1	Aroclor-1254	8.50	U	3.30	8.50	17.5	ug/kg
37324-23-5	Aroclor-1262	13.4	U	5.20	13.4	17.5	ug/kg
11100-14-4	Aroclor-1268	8.50	U	3.70	8.50	17.5	ug/kg
11096-82-5	Aroclor-1260	8.50	U	3.30	8.50	17.5	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.6		44 - 130		103%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.6		60 - 125		103%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071613.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 15:08
Operator : YP\AJ
Sample : Q1883-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-31-042325

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:25:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.512	3.810	37980469	29065028	19.157	20.633
2)	SA Decachlor...	10.229	8.842	29167325	18079336	20.143	20.614
	Target Compounds						

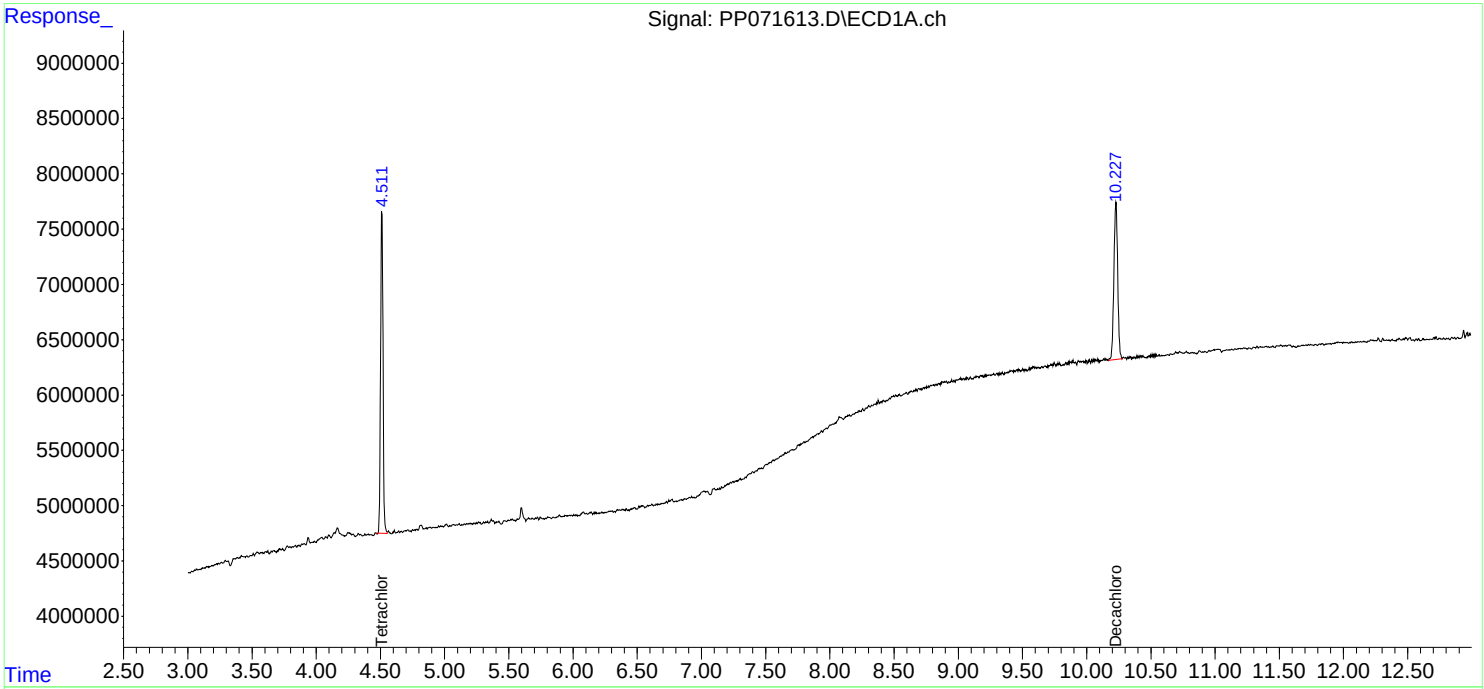
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

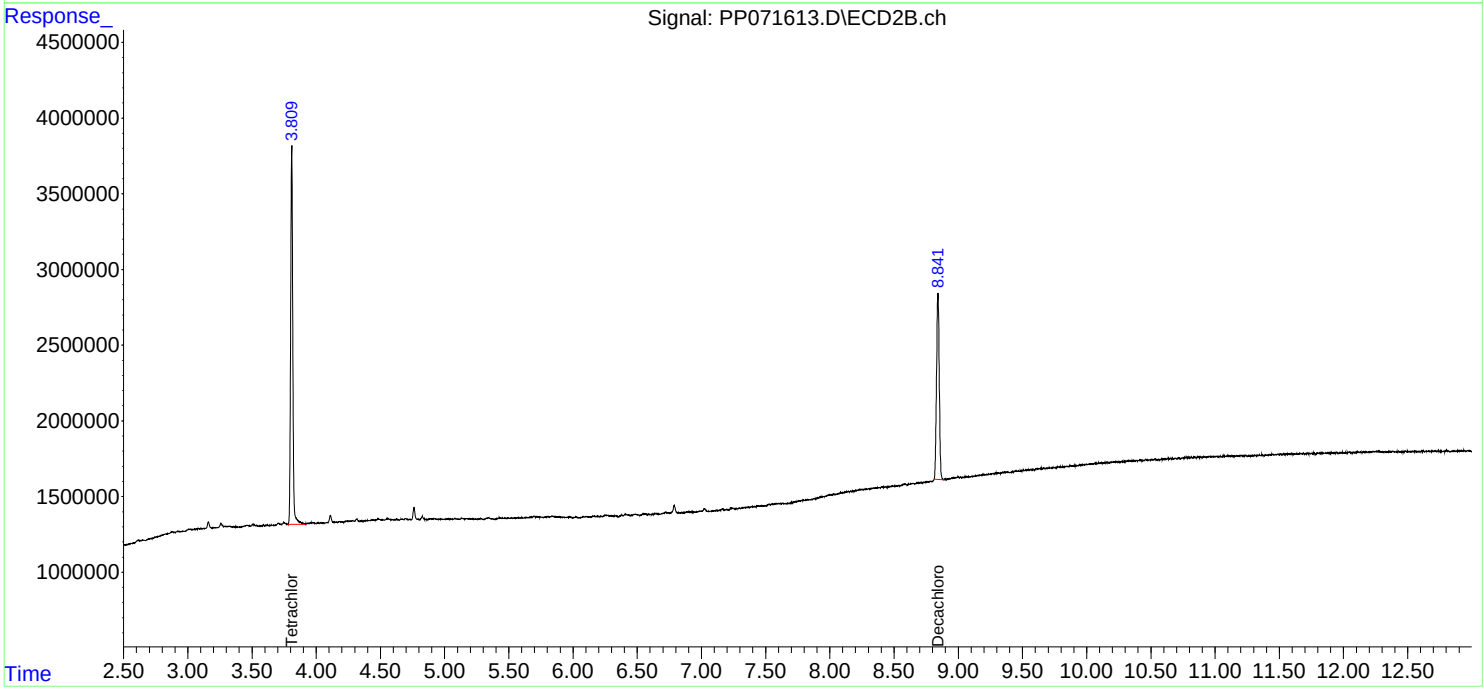
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071613.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 15:08
Operator : YP\AJ
Sample : Q1883-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

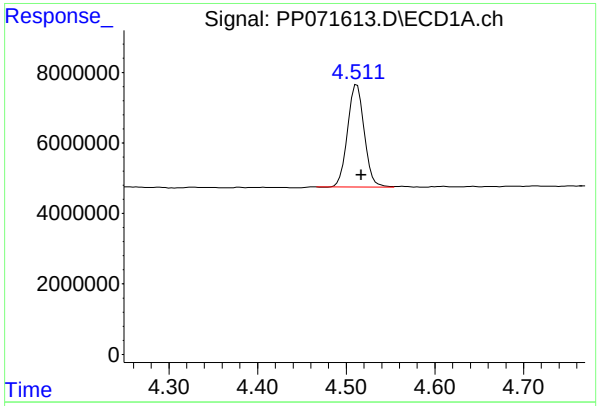
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-31-042325

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:25:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



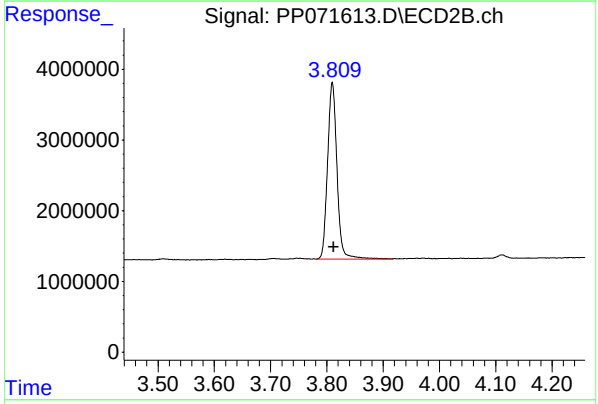




#1 Tetrachloro-m-xylene

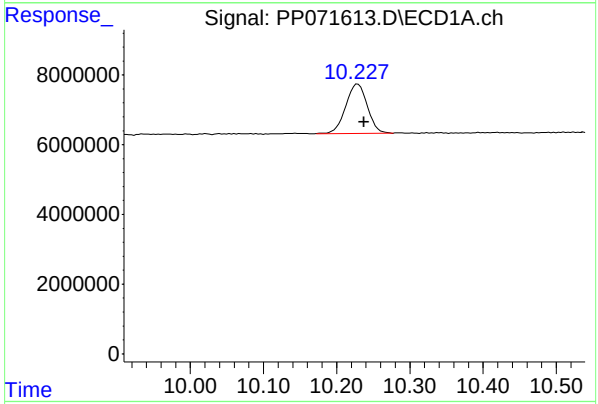
R.T.: 4.512 min
Delta R.T.: -0.005 min
Response: 37980469
Conc: 19.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-31-042325



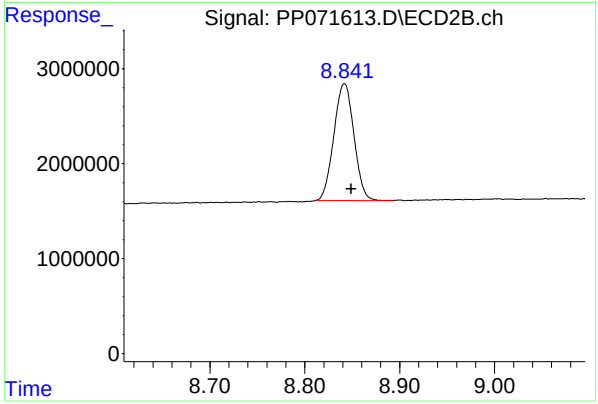
#1 Tetrachloro-m-xylene

R.T.: 3.810 min
Delta R.T.: -0.003 min
Response: 29065028
Conc: 20.63 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.229 min
Delta R.T.: -0.009 min
Response: 29167325
Conc: 20.14 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.842 min
Delta R.T.: -0.007 min
Response: 18079336
Conc: 20.61 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-32-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-11	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	97.3 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
PP071619.D	1	04/29/25 08:35	04/29/25 18:07	PB167776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.50	U	4.10	8.50	17.5	ug/kg
11104-28-2	Aroclor-1221	13.3	U	4.10	13.3	17.5	ug/kg
11141-16-5	Aroclor-1232	8.50	U	3.80	8.50	17.5	ug/kg
53469-21-9	Aroclor-1242	8.50	U	4.10	8.50	17.5	ug/kg
12672-29-6	Aroclor-1248	13.3	U	6.10	13.3	17.5	ug/kg
11097-69-1	Aroclor-1254	8.50	U	3.30	8.50	17.5	ug/kg
37324-23-5	Aroclor-1262	13.3	U	5.20	13.3	17.5	ug/kg
11100-14-4	Aroclor-1268	8.50	U	3.70	8.50	17.5	ug/kg
11096-82-5	Aroclor-1260	8.50	U	3.30	8.50	17.5	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	19.7		44 - 130		99%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.5		60 - 125		103%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071619.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 18:07
Operator : YP\AJ
Sample : Q1883-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-32-042325

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:27:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.512	3.810	35128415	27749577	17.718	19.700
2)	SA Decachlor...	10.230	8.844	28154873	18014078	19.444	20.539
	Target Compounds						

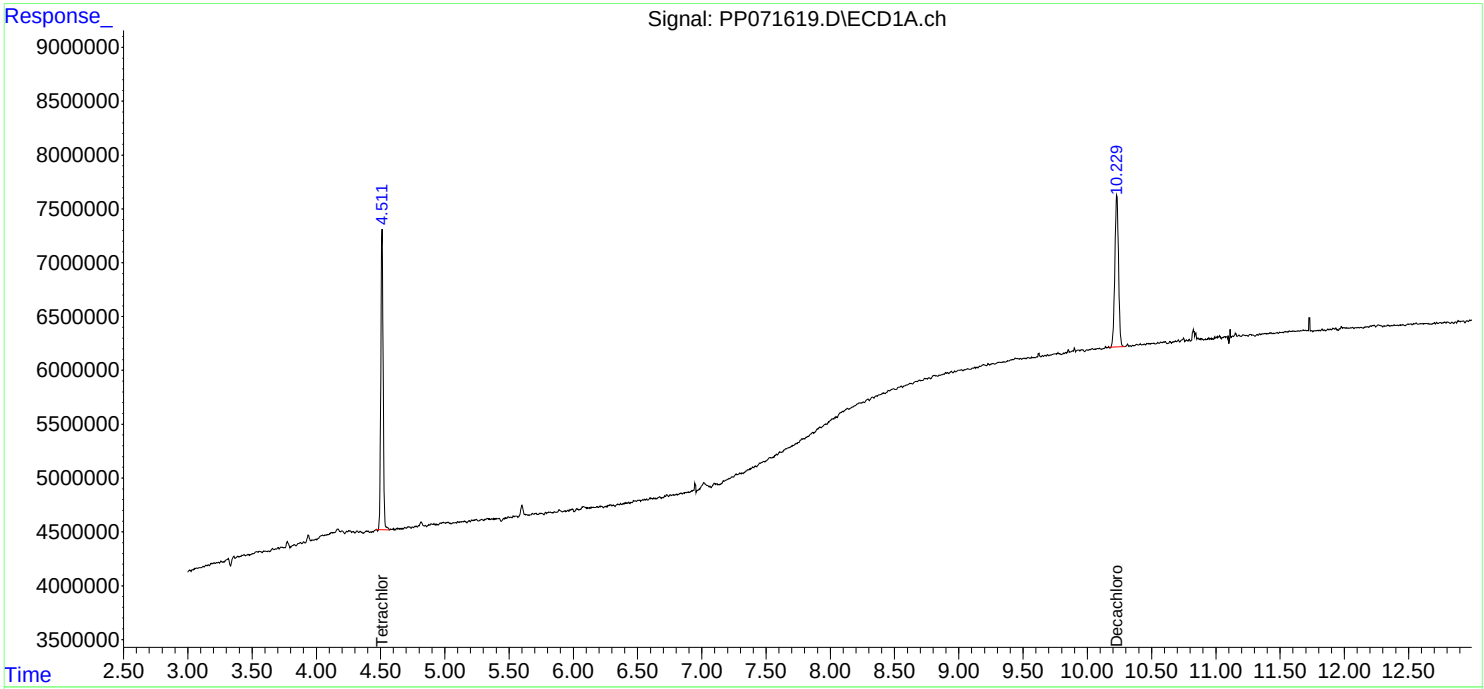
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

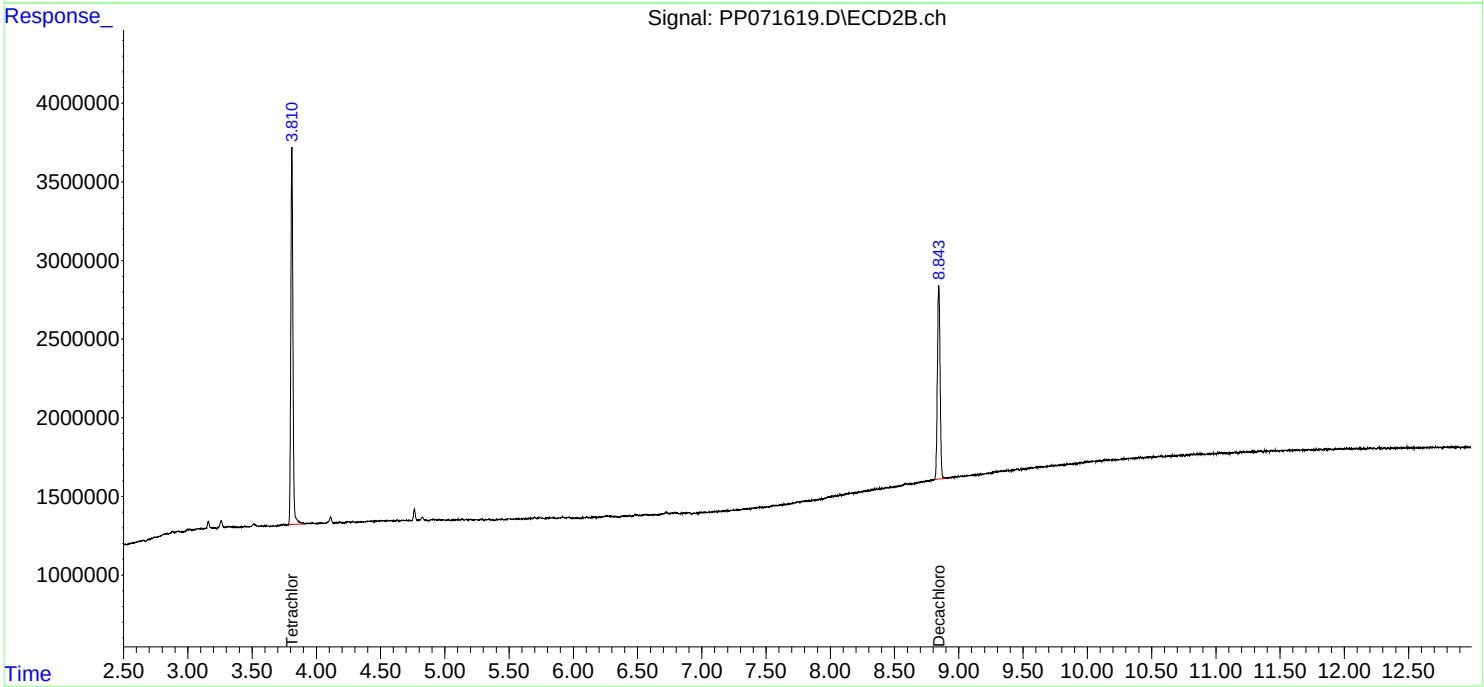
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071619.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 18:07
Operator : YP\AJ
Sample : Q1883-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

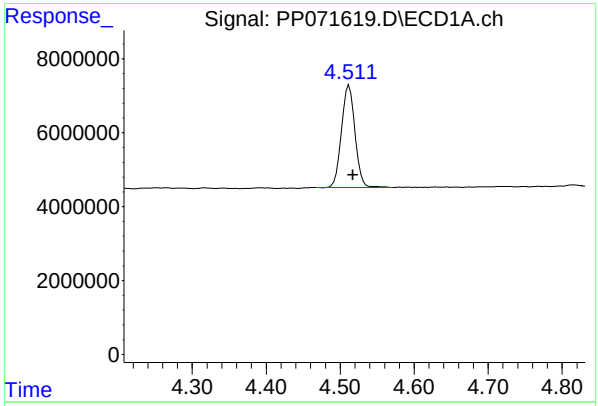
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-32-042325

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:27:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



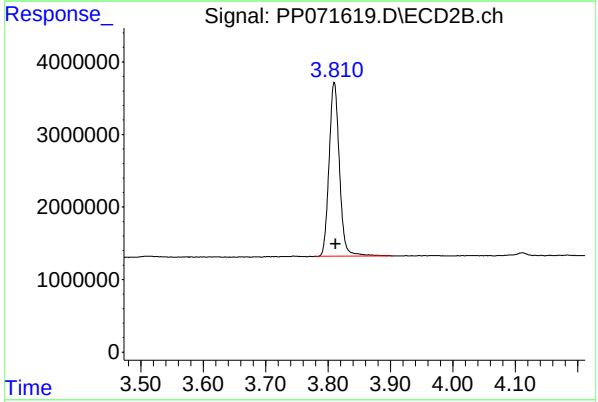




#1 Tetrachloro-m-xylene

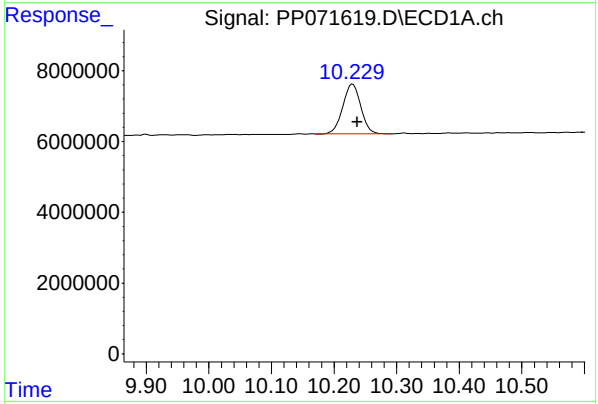
R.T.: 4.512 min
Delta R.T.: -0.005 min
Response: 35128415
Conc: 17.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-32-042325



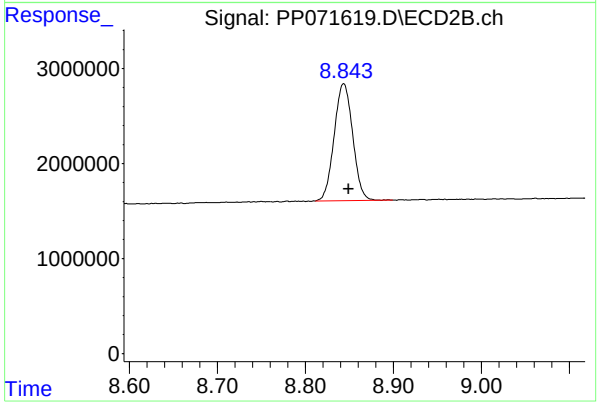
#1 Tetrachloro-m-xylene

R.T.: 3.810 min
Delta R.T.: -0.002 min
Response: 27749577
Conc: 19.70 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.230 min
Delta R.T.: -0.007 min
Response: 28154873
Conc: 19.44 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.844 min
Delta R.T.: -0.006 min
Response: 18014078
Conc: 20.54 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-VSL-18-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-13	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	94.7 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
PP071620.D	1	04/29/25 08:35	04/29/25 18:23	PB167776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.70	U	4.20	8.70	17.9	ug/kg
11104-28-2	Aroclor-1221	13.7	U	4.20	13.7	17.9	ug/kg
11141-16-5	Aroclor-1232	8.70	U	3.90	8.70	17.9	ug/kg
53469-21-9	Aroclor-1242	8.70	U	4.20	8.70	17.9	ug/kg
12672-29-6	Aroclor-1248	13.7	U	6.20	13.7	17.9	ug/kg
11097-69-1	Aroclor-1254	8.70	U	3.40	8.70	17.9	ug/kg
37324-23-5	Aroclor-1262	13.7	U	5.30	13.7	17.9	ug/kg
11100-14-4	Aroclor-1268	8.70	U	3.80	8.70	17.9	ug/kg
11096-82-5	Aroclor-1260	8.70	U	3.40	8.70	17.9	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	22.1		44 - 130		111%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.2		60 - 125		106%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071620.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 18:23
Operator : YP\AJ
Sample : Q1883-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-VSL-18-042325

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:27:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.515	3.811	39993613	31173368	20.172	22.130
2)	SA Decachlor...	10.232	8.844	29956637	18624704	20.688	21.236
	Target Compounds						

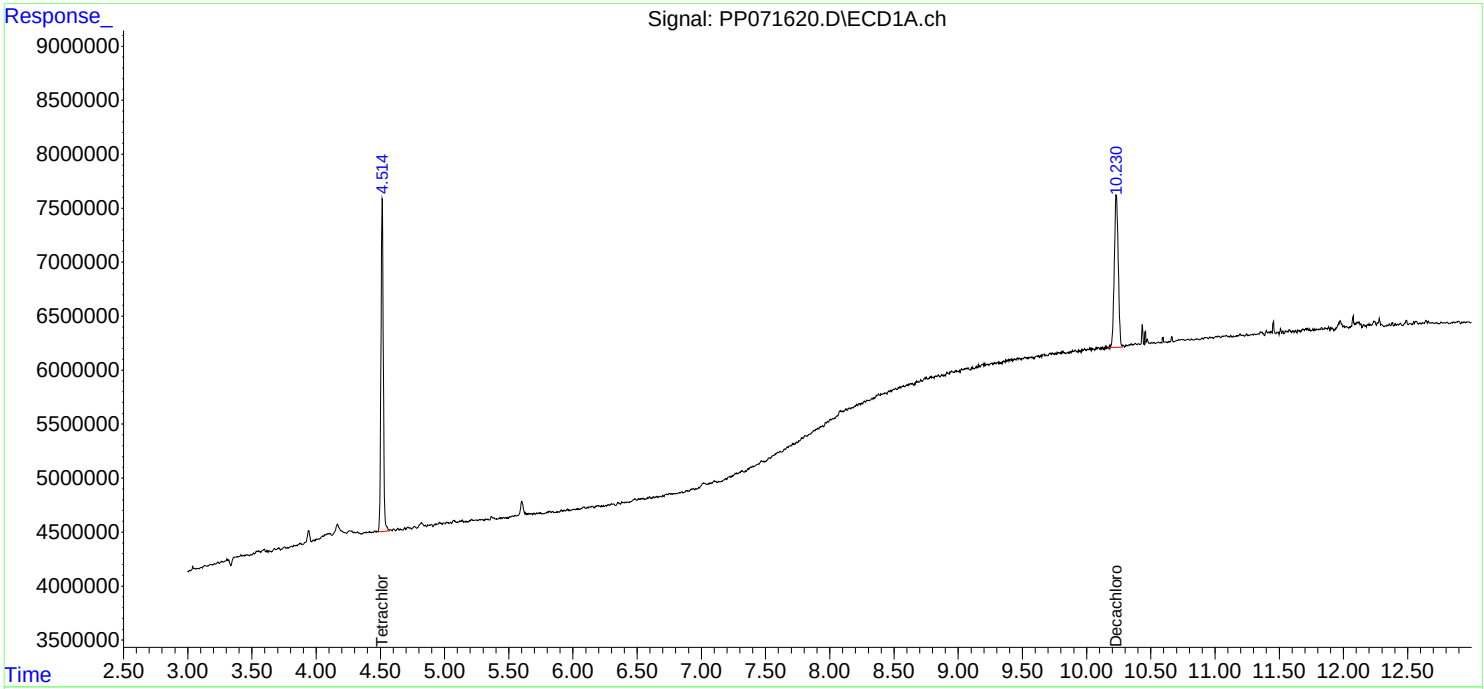
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

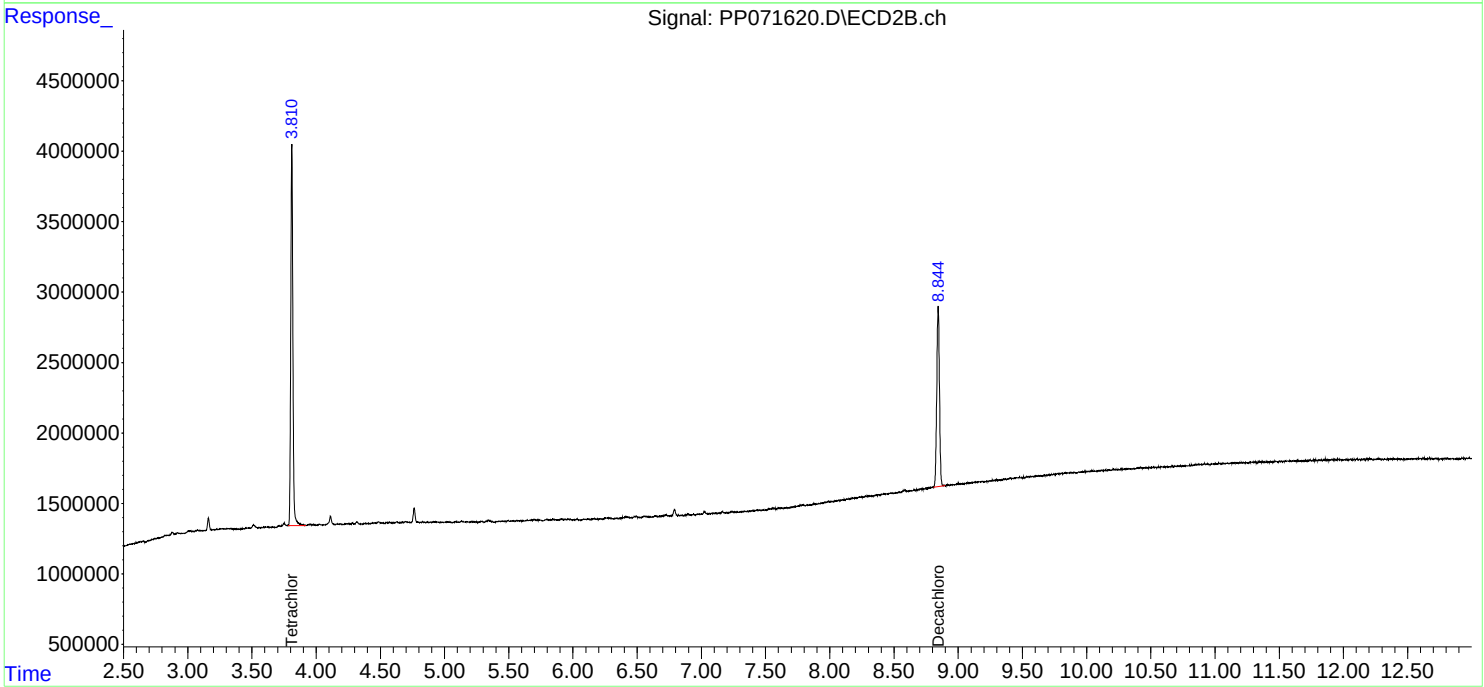
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071620.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 18:23
Operator : YP\AJ
Sample : Q1883-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

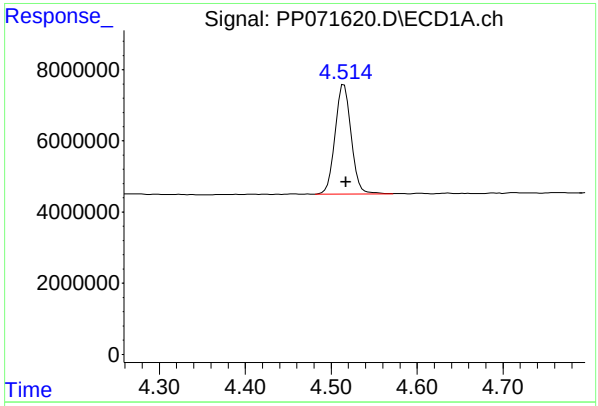
Instrument :
ECD_P
ClientSampleId :
OU4-VSL-18-042325

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:27:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



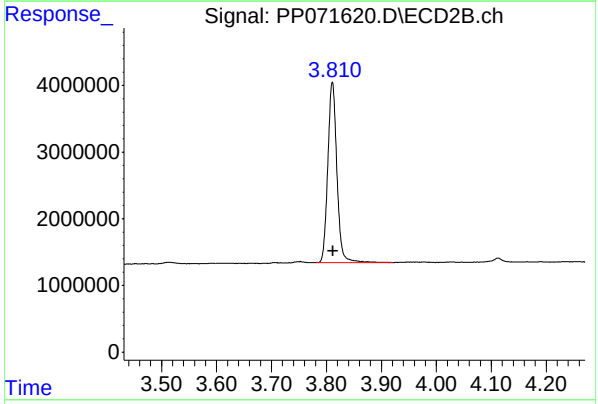




#1 Tetrachloro-m-xylene

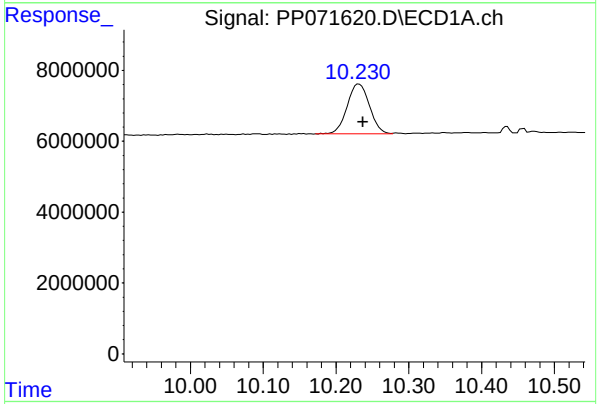
R.T.: 4.515 min
Delta R.T.: -0.002 min
Response: 39993613
Conc: 20.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-VSL-18-042325



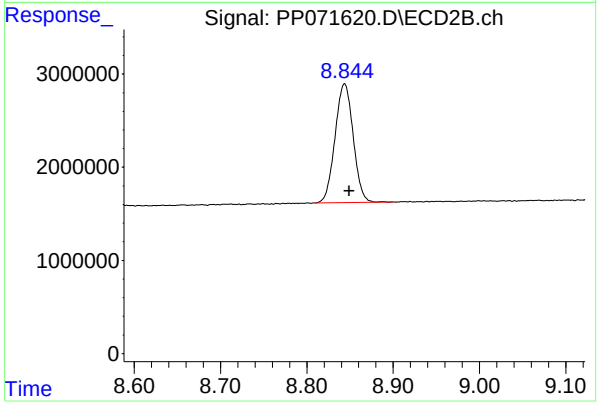
#1 Tetrachloro-m-xylene

R.T.: 3.811 min
Delta R.T.: -0.001 min
Response: 31173368
Conc: 22.13 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.232 min
Delta R.T.: -0.006 min
Response: 29956637
Conc: 20.69 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.844 min
Delta R.T.: -0.005 min
Response: 18624704
Conc: 21.24 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-VSL-19-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-15	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	95.8 Decanted:
Sample Wt/Vol:	30.01 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
PP071621.D	1	04/29/25 08:35	04/29/25 18:40	PB167776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.70	U	4.10	8.70	17.7	ug/kg
11104-28-2	Aroclor-1221	13.6	U	4.20	13.6	17.7	ug/kg
11141-16-5	Aroclor-1232	8.70	U	3.90	8.70	17.7	ug/kg
53469-21-9	Aroclor-1242	8.70	U	4.20	8.70	17.7	ug/kg
12672-29-6	Aroclor-1248	13.6	U	6.20	13.6	17.7	ug/kg
11097-69-1	Aroclor-1254	8.70	U	3.30	8.70	17.7	ug/kg
37324-23-5	Aroclor-1262	13.6	U	5.20	13.6	17.7	ug/kg
11100-14-4	Aroclor-1268	8.70	U	3.80	8.70	17.7	ug/kg
11096-82-5	Aroclor-1260	8.70	U	3.40	8.70	17.7	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	22.2		44 - 130		111%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.6		60 - 125		103%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071621.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 18:40
Operator : YP\AJ
Sample : Q1883-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-VSL-19-042325

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:28:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.513	3.810	38520868	31327508	19.429	22.240
2)	SA Decachlor...	10.231	8.842	28260819	18110361	19.517	20.649
	Target Compounds						

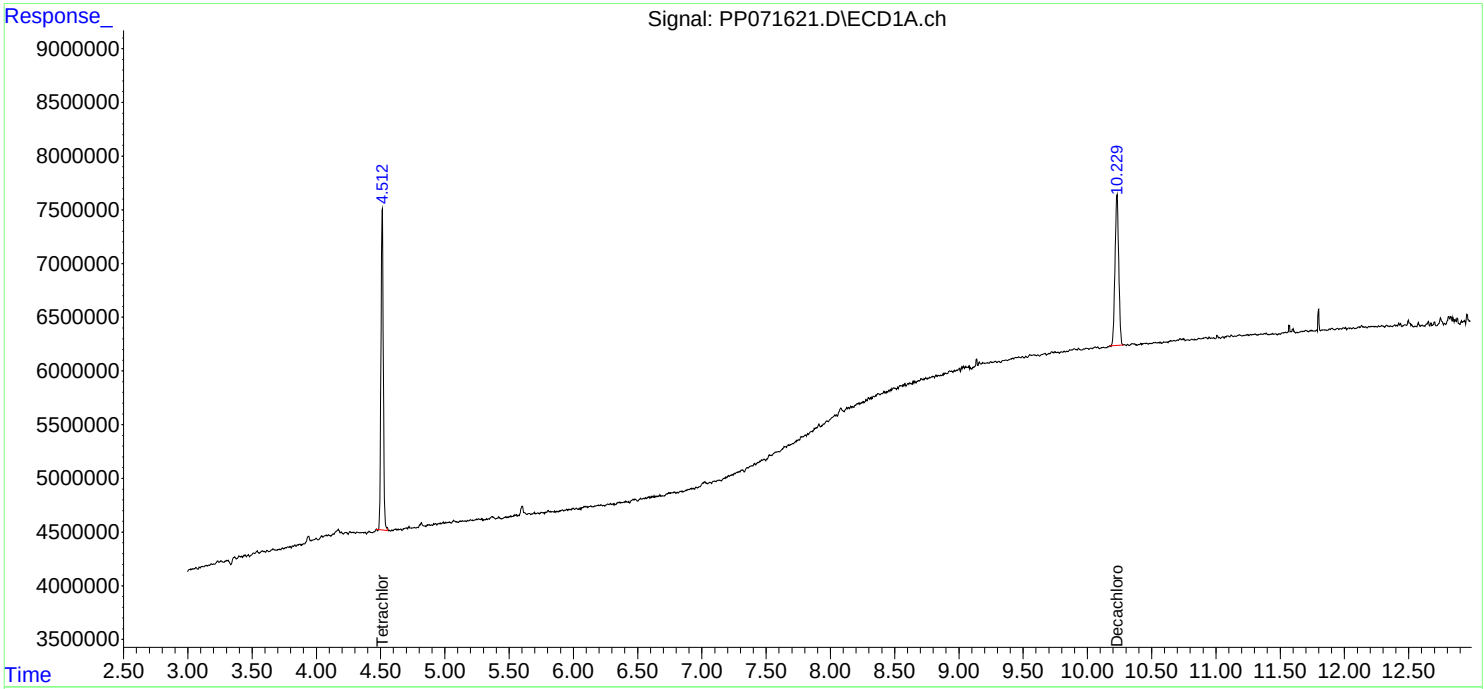
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

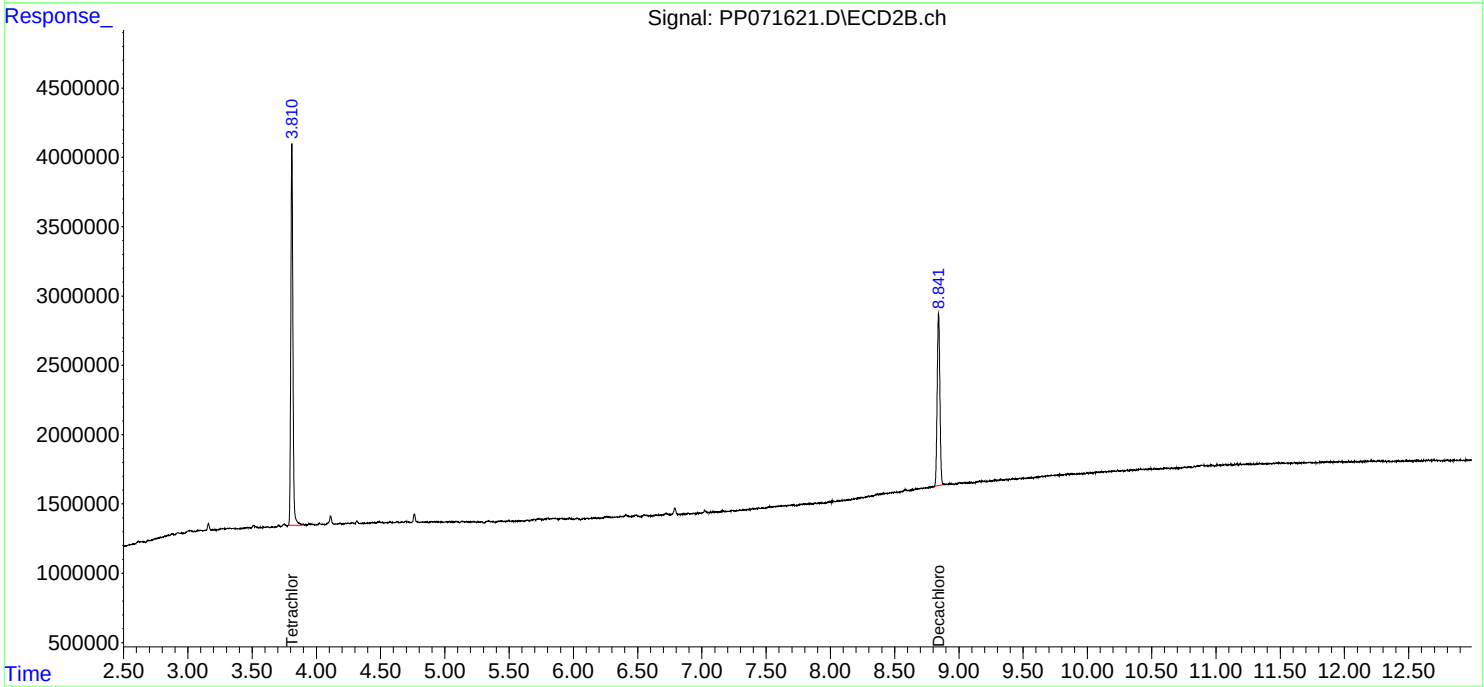
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071621.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 18:40
Operator : YP\AJ
Sample : Q1883-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

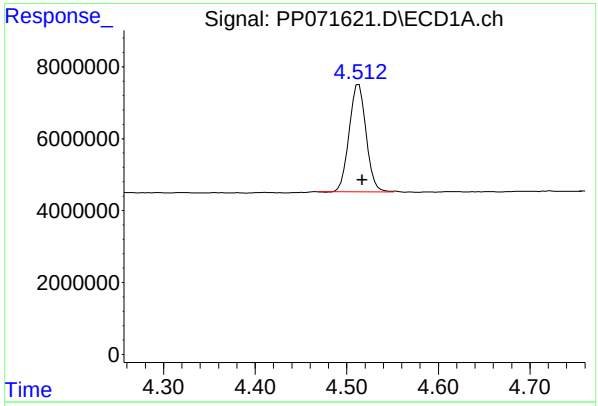
Instrument :
ECD_P
ClientSampleId :
OU4-VSL-19-042325

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:28:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



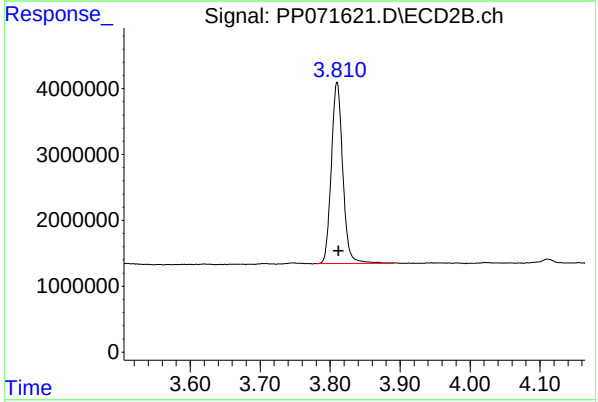




#1 Tetrachloro-m-xylene

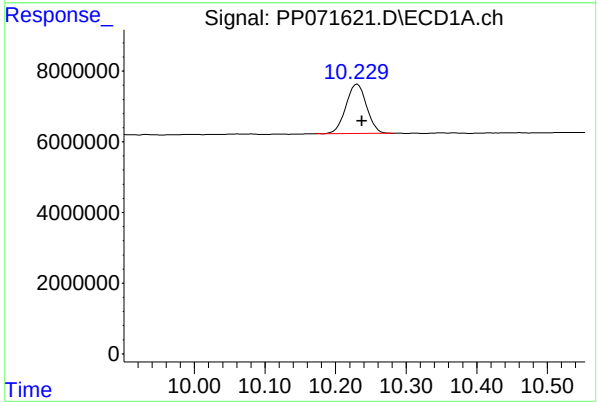
R.T.: 4.513 min
Delta R.T.: -0.004 min
Response: 38520868
Conc: 19.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-VSL-19-042325



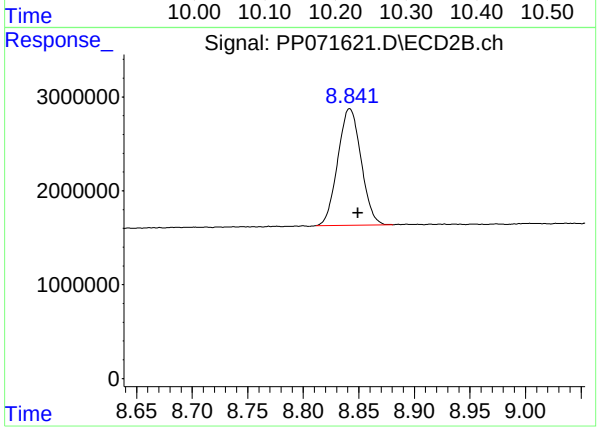
#1 Tetrachloro-m-xylene

R.T.: 3.810 min
Delta R.T.: -0.002 min
Response: 31327508
Conc: 22.24 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.231 min
Delta R.T.: -0.007 min
Response: 28260819
Conc: 19.52 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.842 min
Delta R.T.: -0.007 min
Response: 18110361
Conc: 20.65 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: NOBI03

Lab Code: CHEM **Case No.:** Q1883 **SAS No.:** Q1883 **SDG NO.:** Q1883

Instrument ID: ECD_O **Calibration Date(s):** 04/10/2025 04/10/2025

Calibration Times: 09:36 17:52

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

LAB FILE ID: RT 1000 = PO110349.D RT 750 = PO110350.D

RT 500 = PO110351.D RT 250 = PO110352.D RT 050 = PO110353.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.78	4.78	4.78	4.78	4.78	4.78	4.68	4.88
Aroclor-1016-2	(2)	4.80	4.80	4.80	4.80	4.80	4.80	4.70	4.90
Aroclor-1016-3	(3)	4.86	4.86	4.86	4.86	4.86	4.86	4.76	4.96
Aroclor-1016-4	(4)	4.98	4.98	4.98	4.98	4.98	4.98	4.88	5.08
Aroclor-1016-5	(5)	5.23	5.23	5.23	5.23	5.23	5.23	5.13	5.33
Aroclor-1260-1	(1)	6.27	6.27	6.27	6.27	6.27	6.27	6.17	6.37
Aroclor-1260-2	(2)	6.46	6.46	6.46	6.46	6.46	6.46	6.36	6.56
Aroclor-1260-3	(3)	6.83	6.83	6.83	6.83	6.83	6.83	6.73	6.93
Aroclor-1260-4	(4)	7.09	7.09	7.09	7.09	7.09	7.09	6.99	7.19
Aroclor-1260-5	(5)	7.33	7.33	7.33	7.33	7.33	7.33	7.23	7.43
Decachlorobiphenyl		8.73	8.73	8.73	8.73	8.73	8.73	8.63	8.83
Tetrachloro-m-xylene		3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79
Aroclor-1242-1	(1)	4.78	4.78	4.78	4.78	4.78	4.78	4.68	4.88
Aroclor-1242-2	(2)	4.80	4.80	4.80	4.80	4.80	4.80	4.70	4.90
Aroclor-1242-3	(3)	4.86	4.86	4.86	4.86	4.85	4.86	4.76	4.96
Aroclor-1242-4	(4)	4.98	4.98	4.98	4.98	4.98	4.98	4.88	5.08
Aroclor-1242-5	(5)	5.63	5.63	5.63	5.63	5.63	5.63	5.53	5.73
Decachlorobiphenyl		8.73	8.73	8.73	8.73	8.73	8.73	8.63	8.83
Tetrachloro-m-xylene		3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79
Aroclor-1248-1	(1)	4.78	4.78	4.78	4.78	4.78	4.78	4.68	4.88
Aroclor-1248-2	(2)	5.02	5.02	5.02	5.02	5.02	5.02	4.92	5.12
Aroclor-1248-3	(3)	5.23	5.23	5.23	5.23	5.23	5.23	5.13	5.33
Aroclor-1248-4	(4)	5.59	5.59	5.59	5.59	5.59	5.59	5.49	5.69
Aroclor-1248-5	(5)	5.63	5.63	5.63	5.63	5.63	5.63	5.53	5.73
Decachlorobiphenyl		8.73	8.73	8.73	8.73	8.73	8.73	8.63	8.83
Tetrachloro-m-xylene		3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79
Aroclor-1254-1	(1)	5.59	5.59	5.59	5.59	5.59	5.59	5.49	5.69
Aroclor-1254-2	(2)	5.74	5.74	5.74	5.74	5.74	5.74	5.64	5.84
Aroclor-1254-3	(3)	6.14	6.14	6.14	6.14	6.14	6.14	6.04	6.24
Aroclor-1254-4	(4)	6.37	6.37	6.37	6.37	6.37	6.37	6.27	6.47
Aroclor-1254-5	(5)	6.79	6.79	6.79	6.79	6.79	6.79	6.69	6.89
Decachlorobiphenyl		8.73	8.73	8.73	8.73	8.73	8.73	8.63	8.83
Tetrachloro-m-xylene		3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79
Aroclor-1268-1	(1)	7.62	7.61	7.62	7.62	7.62	7.62	7.52	7.72
Aroclor-1268-2	(2)	7.68	7.68	7.68	7.68	7.68	7.68	7.58	7.78
Aroclor-1268-3	(3)	7.89	7.89	7.89	7.89	7.89	7.89	7.79	7.99
Aroclor-1268-4	(4)	8.18	8.17	8.18	8.18	8.18	8.18	8.08	8.28
Aroclor-1268-5	(5)	8.47	8.47	8.47	8.47	8.47	8.47	8.37	8.57

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.73	8.73	8.73	8.73	8.73	8.73	8.63	8.83
Tetrachloro-m-xylene	3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1883 **SAS No.:** Q1883 **SDG NO.:** Q1883

Instrument ID: ECD_O **Calibration Date(s):** 04/10/2025 04/10/2025

Calibration Times: 09:36 17:52

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

LAB FILE ID: RT 1000 = PO110349.D RT 750 = PO110350.D

RT 500 = PO110351.D RT 250 = PO110352.D RT 050 = PO110353.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.77	4.77	4.77	4.77	4.77	4.77	4.67	4.87
Aroclor-1016-2	(2)	4.78	4.79	4.78	4.78	4.79	4.78	4.68	4.88
Aroclor-1016-3	(3)	4.96	4.96	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1016-4	(4)	5.00	5.00	5.00	5.00	5.00	5.00	4.90	5.10
Aroclor-1016-5	(5)	5.22	5.22	5.22	5.21	5.22	5.22	5.12	5.32
Aroclor-1260-1	(1)	6.25	6.25	6.25	6.25	6.25	6.25	6.15	6.35
Aroclor-1260-2	(2)	6.43	6.43	6.43	6.43	6.43	6.43	6.33	6.53
Aroclor-1260-3	(3)	6.59	6.59	6.59	6.59	6.59	6.59	6.49	6.69
Aroclor-1260-4	(4)	7.06	7.06	7.06	7.06	7.06	7.06	6.96	7.16
Aroclor-1260-5	(5)	7.30	7.30	7.30	7.30	7.30	7.30	7.20	7.40
Decachlorobiphenyl		8.69	8.69	8.68	8.68	8.68	8.68	8.58	8.78
Tetrachloro-m-xylene		3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79
Aroclor-1242-1	(1)	4.77	4.77	4.77	4.77	4.77	4.77	4.67	4.87
Aroclor-1242-2	(2)	4.79	4.79	4.78	4.79	4.78	4.78	4.68	4.88
Aroclor-1242-3	(3)	4.96	4.96	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1242-4	(4)	5.04	5.05	5.04	5.05	5.04	5.04	4.94	5.14
Aroclor-1242-5	(5)	5.57	5.57	5.56	5.57	5.56	5.57	5.47	5.67
Decachlorobiphenyl		8.68	8.68	8.68	8.68	8.68	8.68	8.58	8.78
Tetrachloro-m-xylene		3.69	3.69	3.68	3.69	3.68	3.69	3.59	3.79
Aroclor-1248-1	(1)	4.77	4.77	4.77	4.77	4.76	4.77	4.67	4.87
Aroclor-1248-2	(2)	5.00	5.00	5.00	5.00	5.00	5.00	4.90	5.10
Aroclor-1248-3	(3)	5.04	5.04	5.04	5.04	5.04	5.04	4.94	5.14
Aroclor-1248-4	(4)	5.21	5.22	5.22	5.21	5.21	5.21	5.11	5.31
Aroclor-1248-5	(5)	5.61	5.61	5.61	5.61	5.61	5.61	5.51	5.71
Decachlorobiphenyl		8.68	8.69	8.69	8.68	8.68	8.68	8.58	8.78
Tetrachloro-m-xylene		3.69	3.69	3.69	3.69	3.68	3.69	3.59	3.79
Aroclor-1254-1	(1)	5.57	5.57	5.57	5.57	5.57	5.57	5.47	5.67
Aroclor-1254-2	(2)	5.71	5.71	5.71	5.71	5.71	5.71	5.61	5.81
Aroclor-1254-3	(3)	6.12	6.12	6.12	6.12	6.12	6.12	6.02	6.22
Aroclor-1254-4	(4)	6.34	6.34	6.34	6.34	6.34	6.34	6.24	6.44
Aroclor-1254-5	(5)	6.76	6.76	6.76	6.76	6.76	6.76	6.66	6.86
Decachlorobiphenyl		8.68	8.68	8.68	8.68	8.68	8.68	8.58	8.78
Tetrachloro-m-xylene		3.69	3.69	3.69	3.68	3.69	3.69	3.59	3.79
Aroclor-1268-1	(1)	7.58	7.58	7.58	7.58	7.58	7.58	7.48	7.68
Aroclor-1268-2	(2)	7.65	7.65	7.65	7.65	7.65	7.65	7.55	7.75
Aroclor-1268-3	(3)	7.85	7.85	7.85	7.85	7.85	7.85	7.75	7.95
Aroclor-1268-4	(4)	8.14	8.14	8.14	8.14	8.14	8.14	8.04	8.24
Aroclor-1268-5	(5)	8.43	8.43	8.43	8.43	8.43	8.43	8.33	8.53

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.68	8.68	8.68	8.68	8.68	8.68	8.58	8.78
Tetrachloro-m-xylene	3.68	3.68	3.69	3.69	3.68	3.68	3.58	3.78

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1883 **SAS No.:** Q1883 **SDG NO.:** Q1883

Instrument ID: ECD_O **Calibration Date(s):** 04/10/2025 04/10/2025

Calibration Times: 09:36 17:52

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

LAB FILE ID: **CF 1000 =** PO110349.D **CF 750 =** PO110350.D

CF 500 = PO110351.D **CF 250 =** PO110352.D **CF 050 =** PO110353.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	301539199	312147691	325366094	341425388	360239300	328143534	7
Aroclor-1016-2	(2)	424202495	441346851	452587054	472466840	484138100	454948268	5
Aroclor-1016-3	(3)	286857785	300177247	315792572	336640016	373170260	322527576	10
Aroclor-1016-4	(4)	227624644	238137328	247842320	261218376	270999820	249164498	7
Aroclor-1016-5	(5)	238190199	250655776	262830422	281583724	311798080	269011640	11
Aroclor-1260-1	(1)	429982139	447081743	462005040	490865312	532292280	472445303	9
Aroclor-1260-2	(2)	524274151	548276752	560001580	596374412	703195060	586424391	12
Aroclor-1260-3	(3)	446012749	466468717	482076654	511871688	557932460	492872454	9
Aroclor-1260-4	(4)	382143422	400404183	417623168	445374396	476569960	424423026	9
Aroclor-1260-5	(5)	1002895230	1031868237	1046125762	1065122080	1071346720	1043471606	3
Decachlorobiphenyl		7251274760	7526590267	7768647820	8211713920	8716546400	7894954633	7
Tetrachloro-m-xylene		8603197440	8796106920	8951138380	8737007280	8657843200	8749058644	2
Aroclor-1242-1	(1)	251425090	265265637	280796652	297523620	292655800	277533360	7
Aroclor-1242-2	(2)	357466275	381332853	387813836	403164036	399090640	385773528	5
Aroclor-1242-3	(3)	243771373	289655151	275873660	292357392	289351880	278201891	7
Aroclor-1242-4	(4)	192501706	205352244	214136342	225398444	219447980	211367343	6
Aroclor-1242-5	(5)	201519138	214789603	225760330	239210520	250688060	226393530	9
Decachlorobiphenyl		7236681930	7570895773	7844756000	8188613360	8340739400	7836337293	6
Tetrachloro-m-xylene		8271521710	8776052907	8899890520	8994445160	8028934800	8594169019	5
Aroclor-1248-1	(1)	197377890	205758444	217881170	227760364	215403640	212836302	5
Aroclor-1248-2	(2)	269669918	281050744	300223294	312748708	315932500	295925033	7
Aroclor-1248-3	(3)	336662132	352073889	372312126	402058472	386700500	369961424	7
Aroclor-1248-4	(4)	480139637	497256893	523877470	552564648	546315400	520030810	6
Aroclor-1248-5	(5)	340550967	353429060	372487386	395512156	385149340	369425782	6
Decachlorobiphenyl		7423367890	7666646707	8031765140	8382357480	8221484000	7945124243	5
Tetrachloro-m-xylene		8572177400	8675092440	8959183240	8875828960	7878695600	8592195528	5
Aroclor-1254-1	(1)	517202507	536393799	555537214	581626948	599185020	557989098	6
Aroclor-1254-2	(2)	450798901	468206104	477861830	506770124	524875880	485702568	6
Aroclor-1254-3	(3)	746169545	769125461	779743060	811121676	809948840	783221716	4
Aroclor-1254-4	(4)	460149954	473941677	490156778	505394424	508383480	487605263	4
Aroclor-1254-5	(5)	657635451	678198725	698380664	724566284	745718260	700899877	5
Decachlorobiphenyl		7612990370	7886723680	8142983840	8479059160	8719027400	8168156890	5
Tetrachloro-m-xylene		8665092200	8825966600	8709112240	8974669960	8357494600	8706467120	3
Aroclor-1268-1	(1)	1383597022	1397247867	1409112634	1454718672	1376171500	1404169539	2

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1284666762	1297280443	1294427176	1315942372	1206403380	1279744027	3
Aroclor-1268-3	(3)	1040477449	1046596769	1051327350	1081872512	994526740	1042960164	3
Aroclor-1268-4	(4)	443191011	422978037	441841820	472590652	440184600	444157224	4
Aroclor-1268-5	(5)	3289098269	3287076648	3286110800	3299829260	2937018240	3219826643	5
Decachlorobiphenyl		14008782040	14232407573	14386243640	14978905640	14264840400	14374235859	3
Tetrachloro-m-xylene		8842756020	8685831240	8461342580	8927106240	7893566400	8562120496	5

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1883 **SAS No.:** Q1883 **SDG NO.:** Q1883

Instrument ID: ECD_O **Calibration Date(s):** 04/10/2025 04/10/2025

Calibration Times: 09:36 17:52

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

LAB FILE ID: **CF 1000 =** PO110349.D **CF 750 =** PO110350.D

CF 500 = PO110351.D **CF 250 =** PO110352.D **CF 050 =** PO110353.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	159213491	166153001	173161426	184455932	194563640	175509498	8
Aroclor-1016-2	(2)	235577328	244073360	249915638	259769828	267988640	251464959	5
Aroclor-1016-3	(3)	123754519	129314112	134837594	142342816	148305560	135710920	7
Aroclor-1016-4	(4)	100154968	106815488	112688448	121621132	130559280	114367863	11
Aroclor-1016-5	(5)	131736277	138471012	145266388	155239544	174656140	149073872	11
Aroclor-1260-1	(1)	221282381	231306280	240804372	256804492	279620260	245963557	9
Aroclor-1260-2	(2)	260045501	271771868	281572488	298549944	346814040	291750768	12
Aroclor-1260-3	(3)	243412958	253822376	261595986	277903536	317685740	270884119	11
Aroclor-1260-4	(4)	177247956	186943988	195746612	210913364	232348220	200640028	11
Aroclor-1260-5	(5)	430279301	445092429	452357666	469475868	497083160	458857685	6
Decachlorobiphenyl		1704536950	1791384040	1872045360	2025627840	2231357400	1924990318	11
Tetrachloro-m-xylene		4868987290	4975470093	5049711440	5093085920	4961663200	4989783589	2
Aroclor-1242-1	(1)	135406625	142863792	148969750	157870364	162402140	149502534	7
Aroclor-1242-2	(2)	196039746	208415869	214437698	224916372	223006160	213363169	6
Aroclor-1242-3	(3)	104255216	111360831	115893042	122823476	123579060	115582325	7
Aroclor-1242-4	(4)	104208953	112717296	118822658	128761036	135986400	120099269	11
Aroclor-1242-5	(5)	127551049	136157379	142405808	154240196	165129880	145096862	10
Decachlorobiphenyl		1618576700	1765984867	1877839140	2017748840	2043806200	1864791149	10
Tetrachloro-m-xylene		4668026020	4940087107	5018557540	5112714200	4785540800	4904985133	4
Aroclor-1248-1	(1)	105821161	111030904	117101186	122057144	119649440	115131967	6
Aroclor-1248-2	(2)	147033899	153433108	164488546	172099504	177357920	162882595	8
Aroclor-1248-3	(3)	157542784	164259717	175853068	186850756	194774160	175856097	9
Aroclor-1248-4	(4)	185573916	192640824	204179344	219437840	216561660	203678717	7
Aroclor-1248-5	(5)	181941821	187320336	197908182	210306260	209502440	197395808	6
Decachlorobiphenyl		1708281780	1752376693	1900332500	2015603280	2024700800	1880259011	8
Tetrachloro-m-xylene		4827908270	4873975707	5038663740	4997540000	4437882400	4835194023	5
Aroclor-1254-1	(1)	275528987	285381728	296386294	310788612	339409960	301499116	8
Aroclor-1254-2	(2)	239912515	249193828	258146844	274680708	301492780	264685335	9
Aroclor-1254-3	(3)	379979735	392440955	403528434	417422392	423708940	403416091	4
Aroclor-1254-4	(4)	215870098	222432417	229245508	238627400	242389020	229712889	5
Aroclor-1254-5	(5)	307722172	319481015	330728230	346867608	356659680	332291741	6
Decachlorobiphenyl		1672742580	1794748347	1901326780	2085791440	2132484800	1917418789	10
Tetrachloro-m-xylene		4865625930	4959437227	4872791400	5058078960	4761547200	4903496143	2
Aroclor-1268-1	(1)	525182929	538928599	545888608	568124632	560585780	547742110	3

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	480641047	490576048	498020244	516699400	501511240	497489596	3
Aroclor-1268-3	(3)	351934435	362716216	370714832	389280160	383206160	371570361	4
Aroclor-1268-4	(4)	132381746	136088747	141172922	152568336	143480180	141138386	5
Aroclor-1268-5	(5)	751733306	775563612	792246668	813875020	802618900	787207501	3
Decachlorobiphenyl		3018392240	3167067147	3278510040	3500677320	3503309000	3293591149	6
Tetrachloro-m-xylene		4973805090	4889835600	4772598500	5033958160	4487276800	4831494830	4

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1883 **SAS No.:** Q1883 **SDG NO.:** Q1883

Instrument ID: ECD_O **Date(s) Analyzed:** 04/10/2025 04/10/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.90	3.80	4.00	118035000
		2	3.99	3.89	4.09	88343600
		3	4.06	3.96	4.16	263124000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.06	3.96	4.16	204824000
		2	4.56	4.46	4.66	106709000
		3	4.80	4.70	4.90	199781000
		4	4.98	4.88	5.08	102298000
		5	5.02	4.92	5.12	68902400
Aroclor-1262	500	1	6.83	6.73	6.93	701458000
		2	7.33	7.23	7.43	1207740000
		3	7.62	7.52	7.72	509104000
		4	7.68	7.58	7.78	896274000
		5	8.18	8.08	8.28	402994000

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1883 **SAS No.:** Q1883 **SDG NO.:** Q1883

Instrument ID: ECD_O **Date(s) Analyzed:** 04/10/2025 04/10/2025

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	3.90	3.80	4.00	66772400
		2	3.98	3.88	4.08	50096200
		3	4.06	3.96	4.16	149170000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.06	3.96	4.16	115024000
		2	4.78	4.68	4.88	110868000
		3	4.96	4.86	5.06	57203200
		4	5.04	4.94	5.14	53953400
		5	5.21	5.11	5.31	57135800
Aroclor-1262	500	1	6.80	6.70	6.90	329340000
		2	7.30	7.20	7.40	508458000
		3	7.58	7.48	7.68	193630000
		4	7.64	7.54	7.74	347054000
		5	8.14	8.04	8.24	124595000

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110349.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 09:36
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: Apr 10 10:56:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 10:56:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.688	3.685	860.3E6	486.9E6	98.018	98.178
2)	SA Decachlor...	8.732	8.685	725.1E6	170.5E6	96.555	95.317
	Target Compounds						
3)	L1 AR-1016-1	4.779	4.765	301.5E6	159.2E6	961.993	958.036
4)	L1 AR-1016-2	4.798	4.784	424.2E6	235.6E6	967.627	970.466
5)	L1 AR-1016-3	4.855	4.960	286.9E6	123.8E6	951.987	957.141
6)	L1 AR-1016-4	4.975	5.002	227.6E6	100.2E6	957.478	941.114
7)	L1 AR-1016-5	5.232	5.215	238.2E6	131.7E6	950.820	951.155
31)	L7 AR-1260-1	6.272	6.246	430.0E6	221.3E6	964.099	957.753
32)	L7 AR-1260-2	6.461	6.434	524.3E6	260.0E6	967.049	960.254
33)	L7 AR-1260-3	6.828	6.586	446.0E6	243.4E6	961.142	963.995
34)	L7 AR-1260-4	7.089	7.058	382.1E6	177.2E6	955.637	950.405
35)	L7 AR-1260-5	7.330	7.299	1002.9E6	430.3E6	978.902	974.986

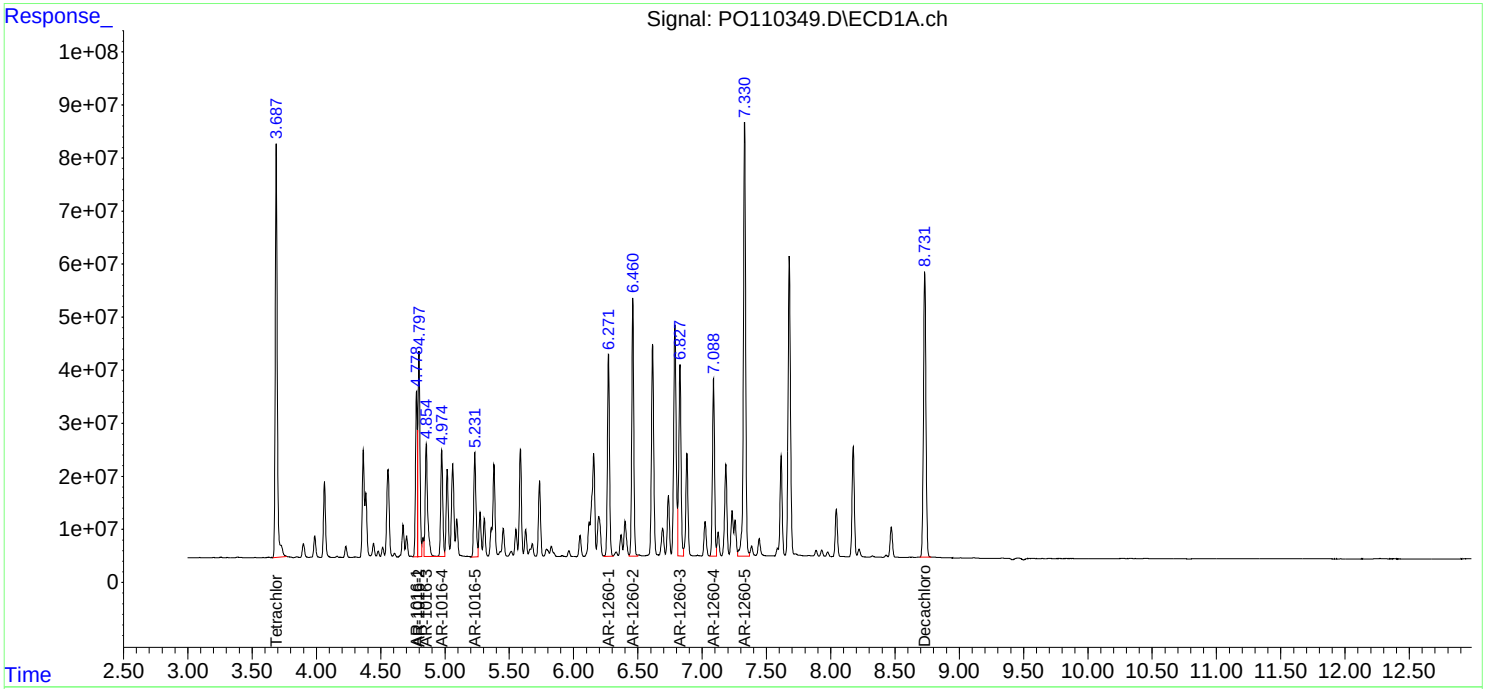
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

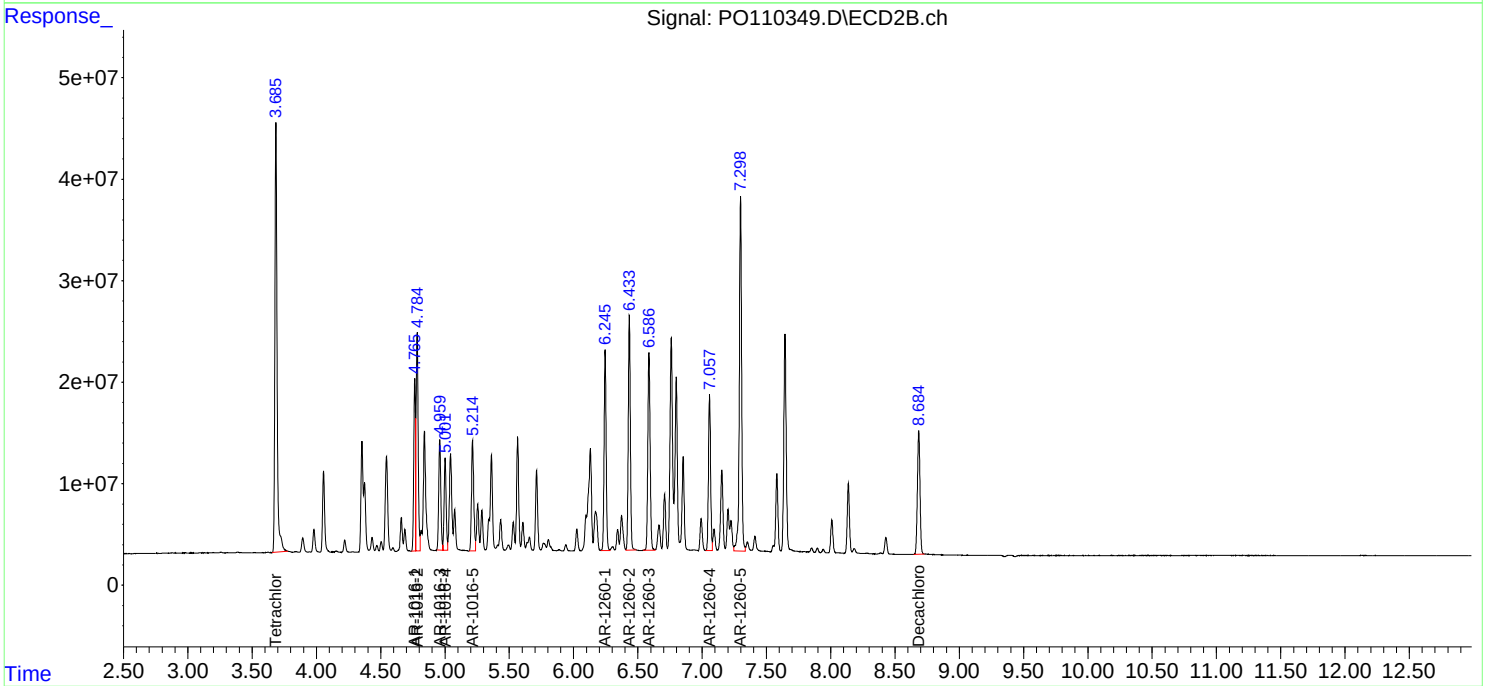
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110349.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 09:36
Operator : YP/AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

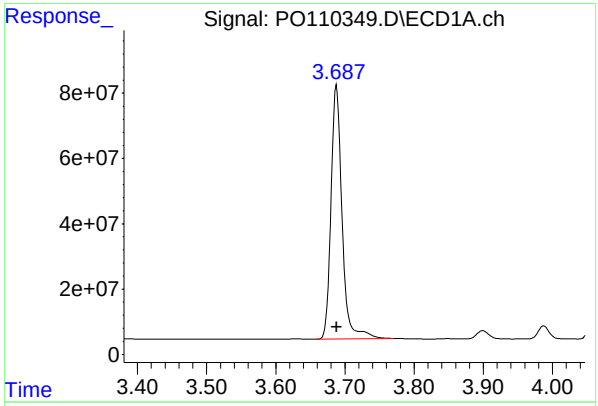
Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 10:56:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 10:56:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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



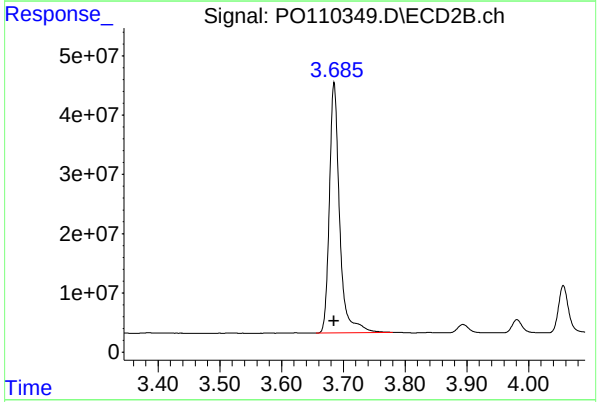




#1 Tetrachloro-m-xylene

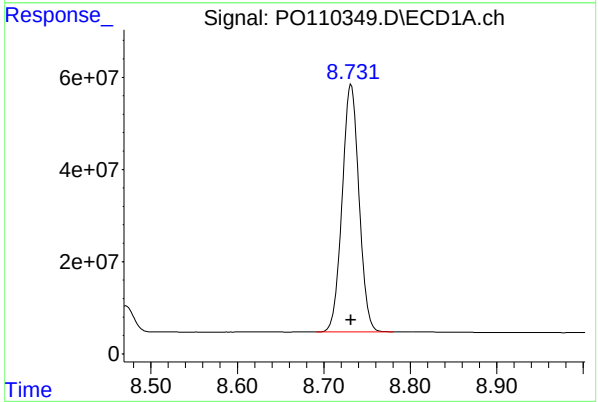
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 860319744
Conc: 98.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



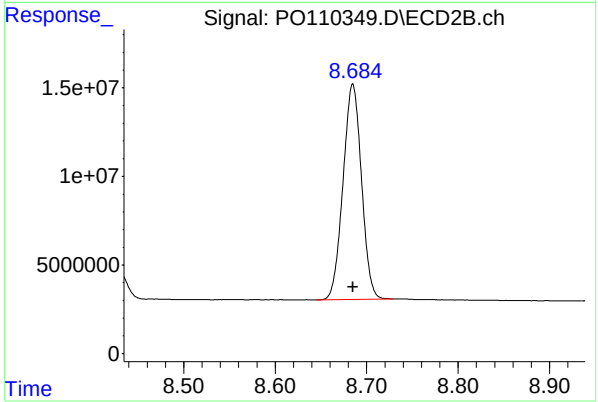
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 486898729
Conc: 98.18 ng/ml



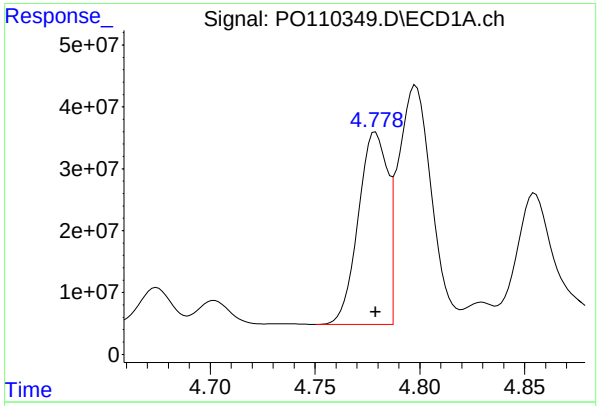
#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 725127476
Conc: 96.56 ng/ml



#2 Decachlorobiphenyl

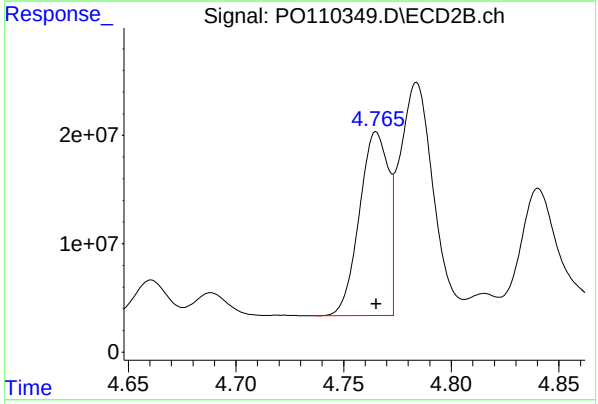
R.T.: 8.685 min
Delta R.T.: 0.000 min
Response: 170453695
Conc: 95.32 ng/ml



#3 AR-1016-1

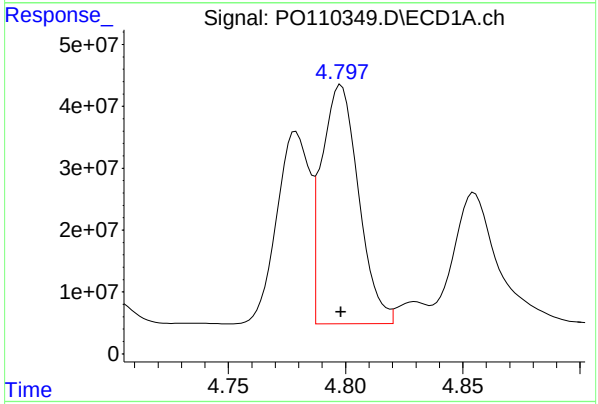
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 301539199
Conc: 961.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



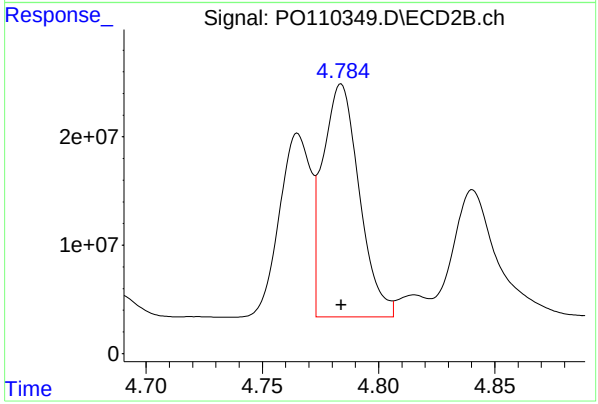
#3 AR-1016-1

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 159213491
Conc: 958.04 ng/ml



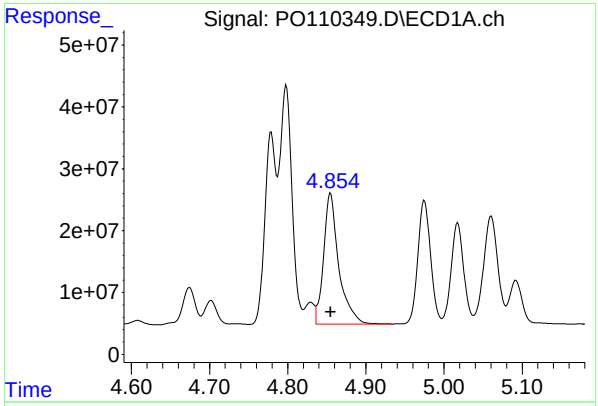
#4 AR-1016-2

R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 424202495
Conc: 967.63 ng/ml



#4 AR-1016-2

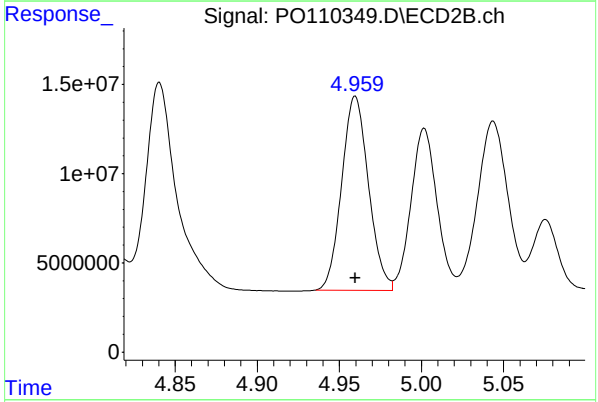
R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 235577328
Conc: 970.47 ng/ml



#5 AR-1016-3

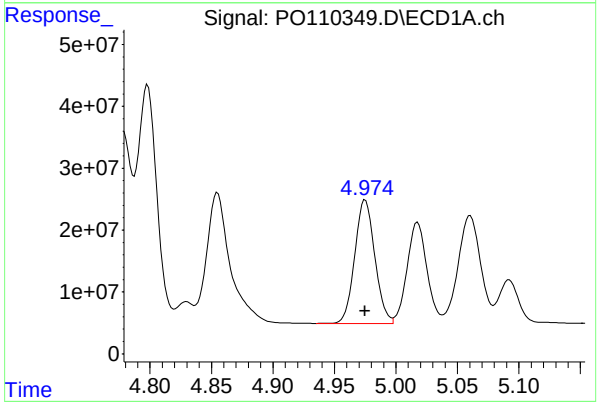
R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 286857785
Conc: 951.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



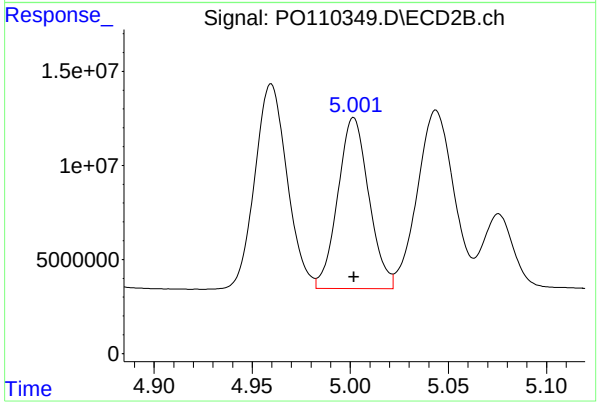
#5 AR-1016-3

R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 123754519
Conc: 957.14 ng/ml



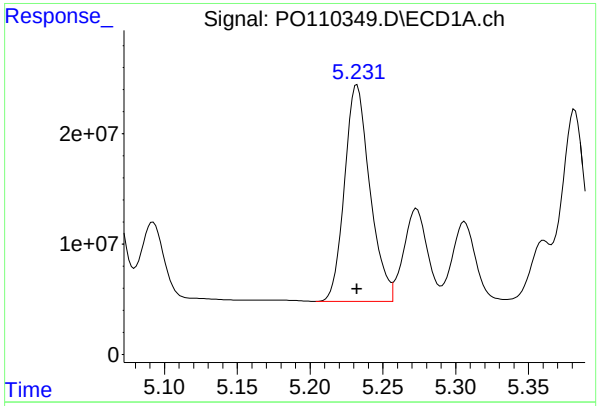
#6 AR-1016-4

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 227624644
Conc: 957.48 ng/ml



#6 AR-1016-4

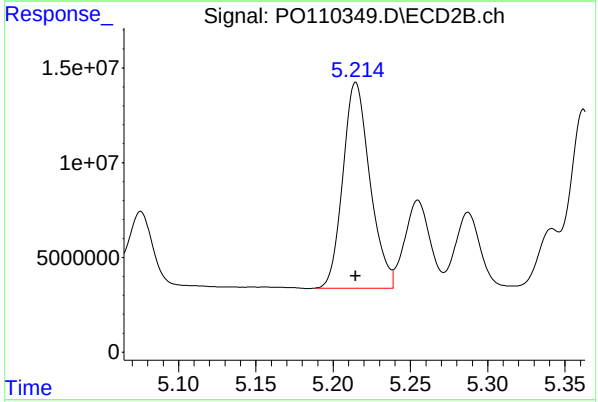
R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 100154968
Conc: 941.11 ng/ml



#7 AR-1016-5

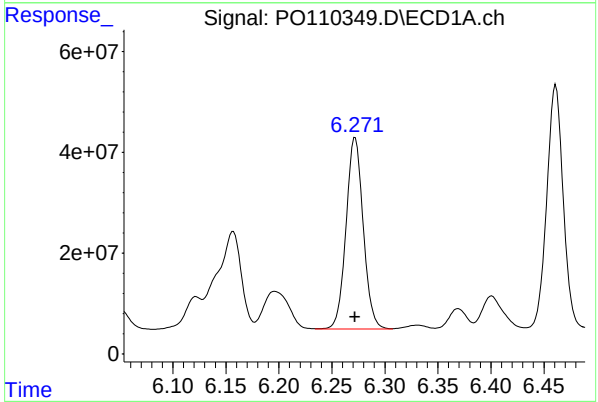
R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 238190199
Conc: 950.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



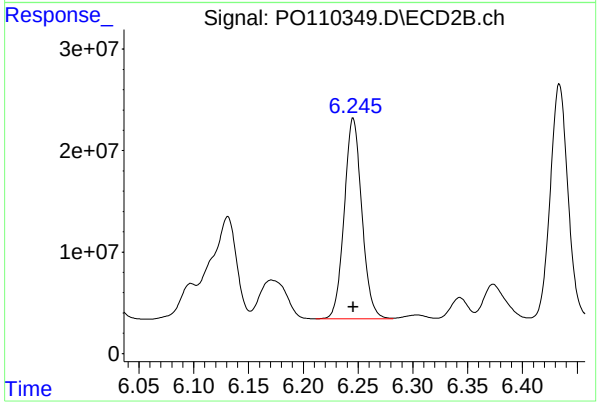
#7 AR-1016-5

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 131736277
Conc: 951.16 ng/ml



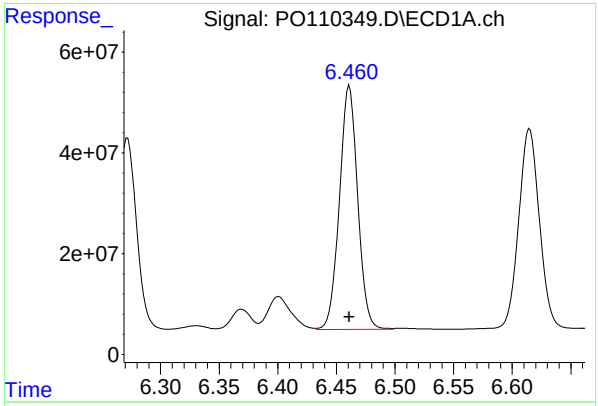
#31 AR-1260-1

R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 429982139
Conc: 964.10 ng/ml



#31 AR-1260-1

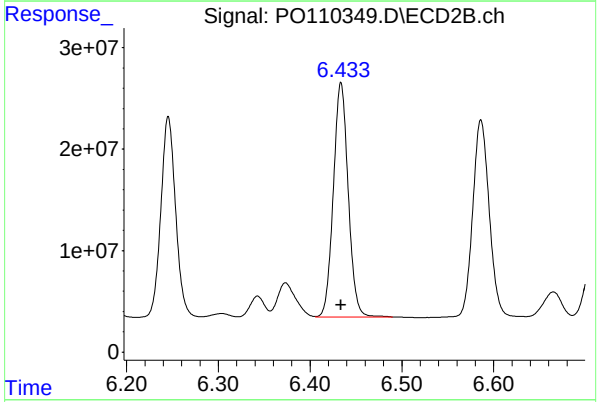
R.T.: 6.246 min
Delta R.T.: 0.000 min
Response: 221282381
Conc: 957.75 ng/ml



#32 AR-1260-2

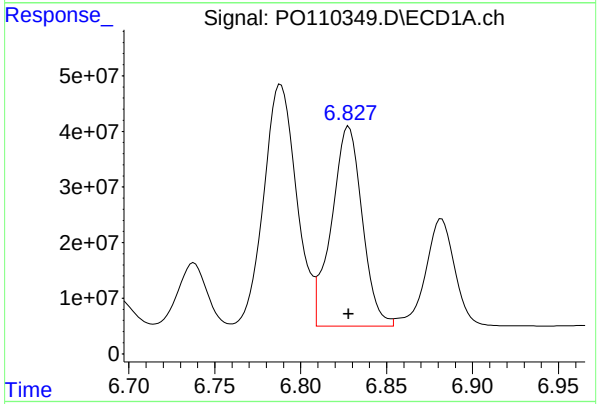
R.T.: 6.461 min
Delta R.T.: 0.000 min
Response: 524274151
Conc: 967.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



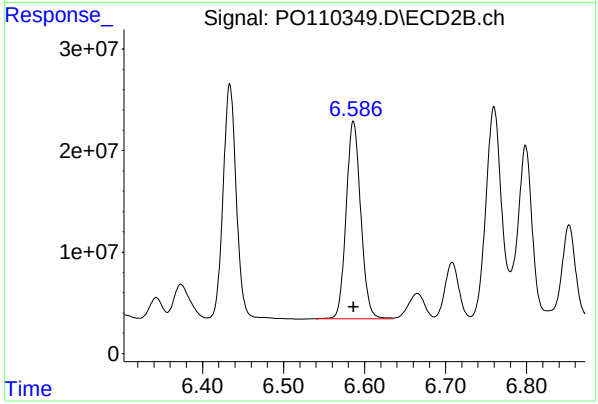
#32 AR-1260-2

R.T.: 6.434 min
Delta R.T.: 0.000 min
Response: 260045501
Conc: 960.25 ng/ml



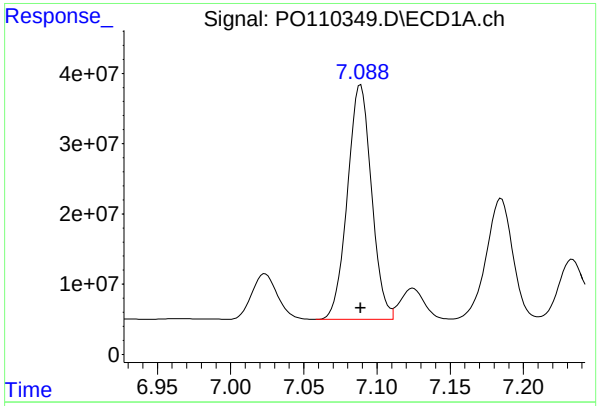
#33 AR-1260-3

R.T.: 6.828 min
Delta R.T.: 0.000 min
Response: 446012749
Conc: 961.14 ng/ml



#33 AR-1260-3

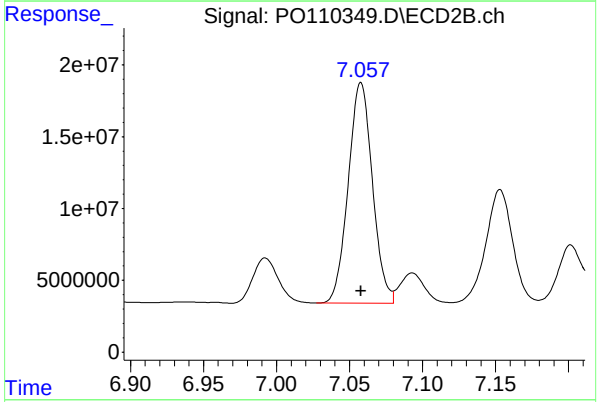
R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 243412958
Conc: 963.99 ng/ml



#34 AR-1260-4

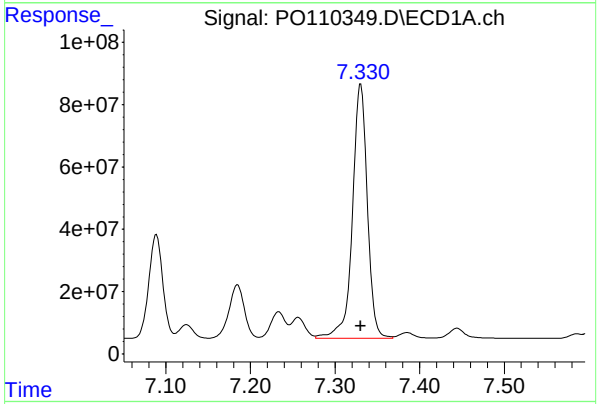
R.T.: 7.089 min
Delta R.T.: 0.000 min
Response: 382143422
Conc: 955.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



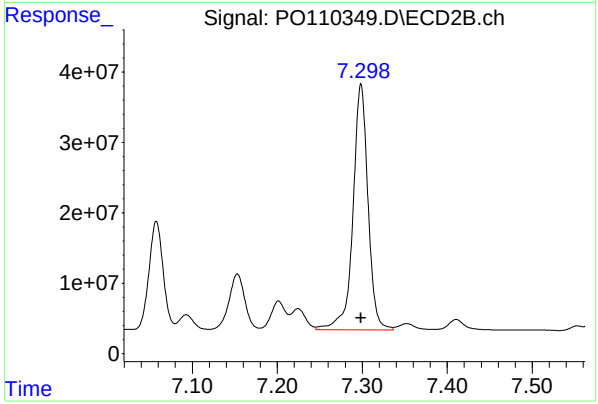
#34 AR-1260-4

R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 177247956
Conc: 950.41 ng/ml



#35 AR-1260-5

R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 1002895230
Conc: 978.90 ng/ml



#35 AR-1260-5

R.T.: 7.299 min
Delta R.T.: 0.000 min
Response: 430279301
Conc: 974.99 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110350.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 09:54
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: Apr 10 10:59:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 10:56:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.688	3.685	659.7E6	373.2E6	75.108	75.162
2)	SA Decachlor...	8.733	8.685	564.5E6	134.4E6	75.111	75.086
	Target Compounds						
3)	L1 AR-1016-1	4.779	4.765	234.1E6	124.6E6	747.916	749.896
4)	L1 AR-1016-2	4.799	4.785	331.0E6	183.1E6	753.359	752.728
5)	L1 AR-1016-3	4.855	4.960	225.1E6	96985584	748.093	750.070
6)	L1 AR-1016-4	4.975	5.002	178.6E6	80111616	750.849	751.848
7)	L1 AR-1016-5	5.233	5.215	188.0E6	103.9E6	750.290	749.891
31)	L7 AR-1260-1	6.273	6.246	335.3E6	173.5E6	751.219	750.569
32)	L7 AR-1260-2	6.462	6.434	411.2E6	203.8E6	755.640	751.776
33)	L7 AR-1260-3	6.829	6.586	349.9E6	190.4E6	752.607	752.605
34)	L7 AR-1260-4	7.090	7.058	300.3E6	140.2E6	750.651	751.197
35)	L7 AR-1260-5	7.331	7.298	773.9E6	333.8E6	753.582	754.264

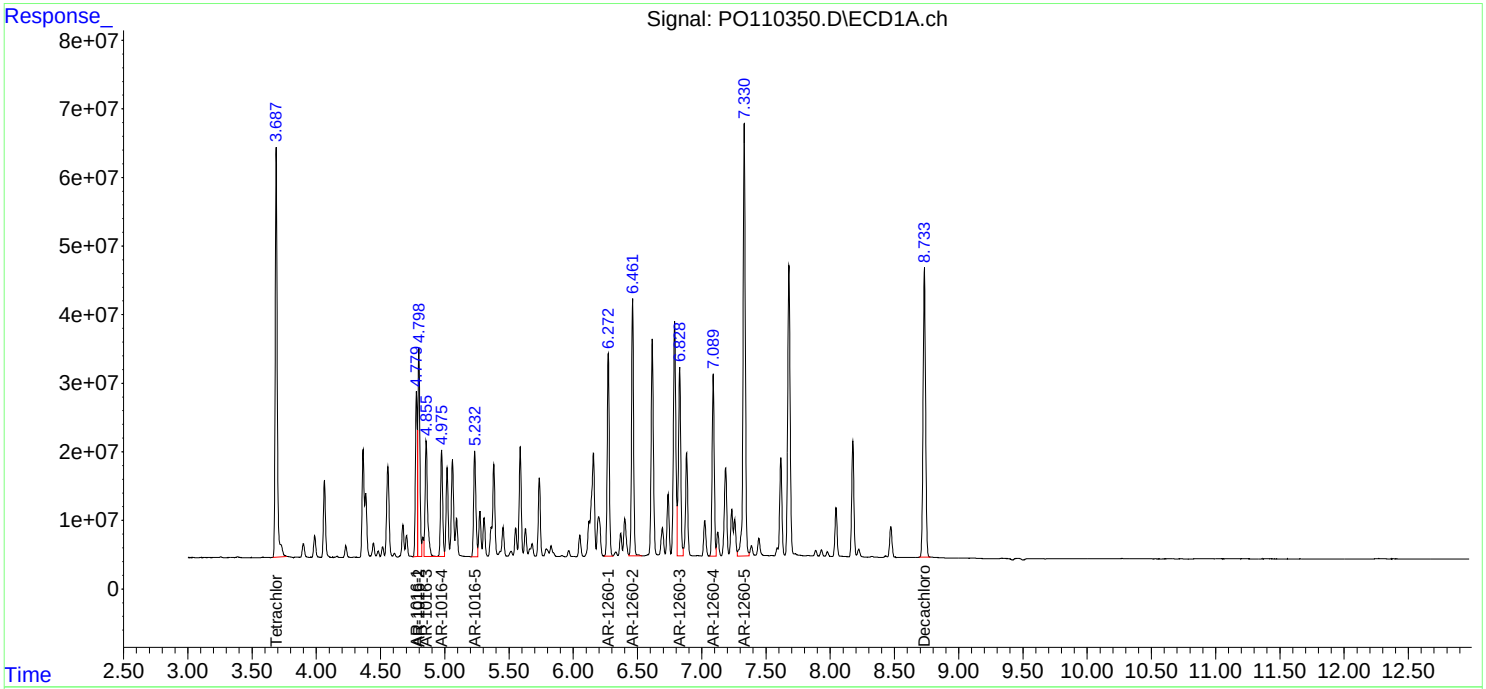
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

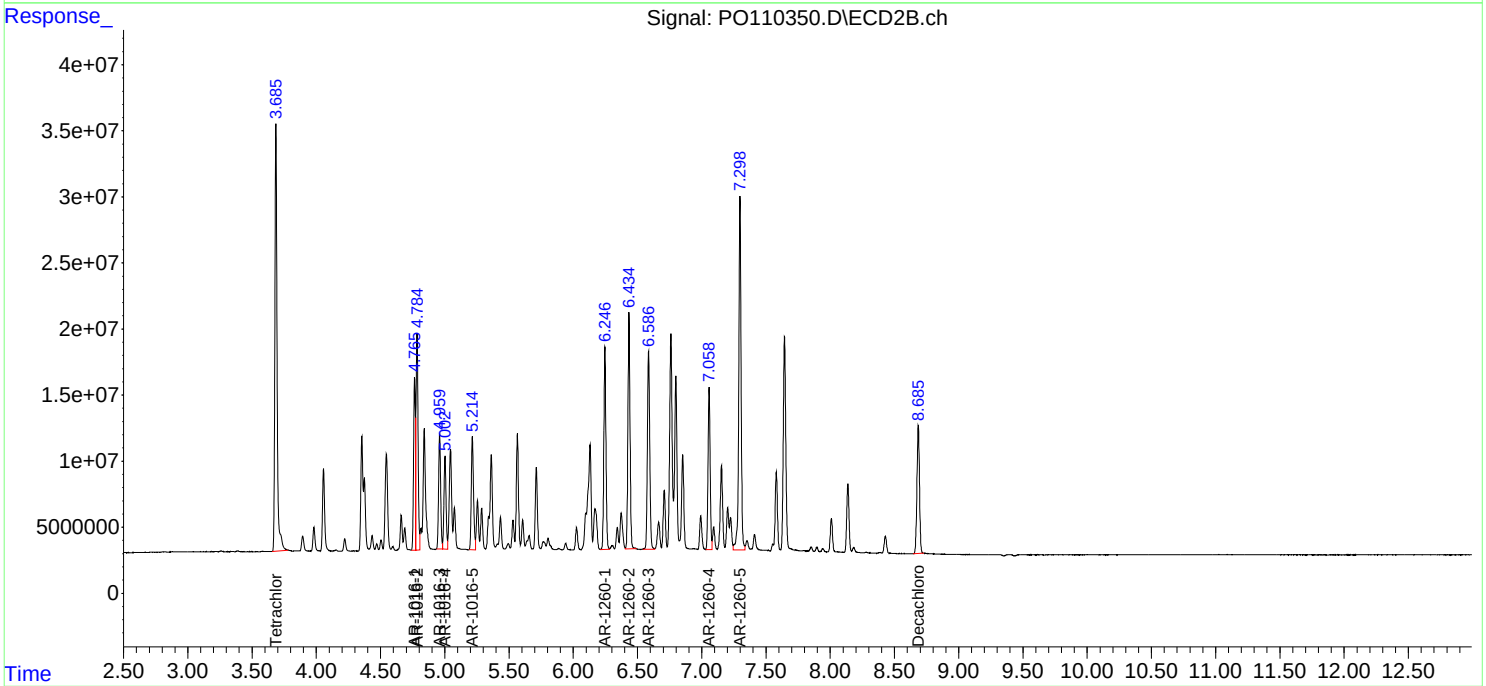
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110350.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 09:54
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

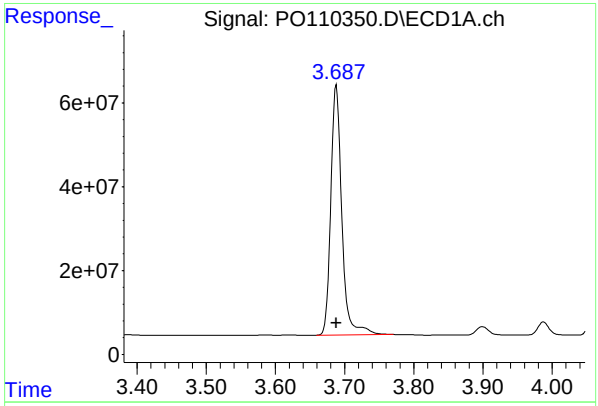
Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 10:59:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 10:56:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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



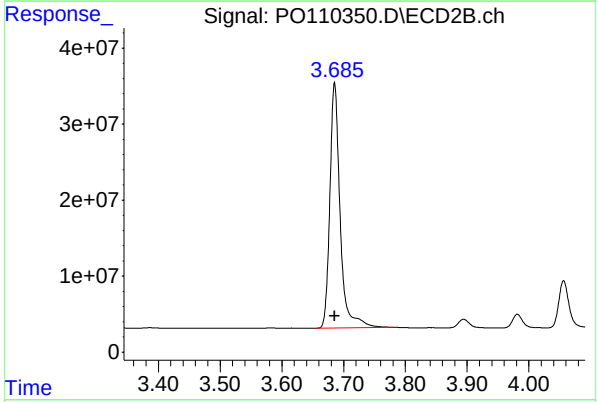




#1 Tetrachloro-m-xylene

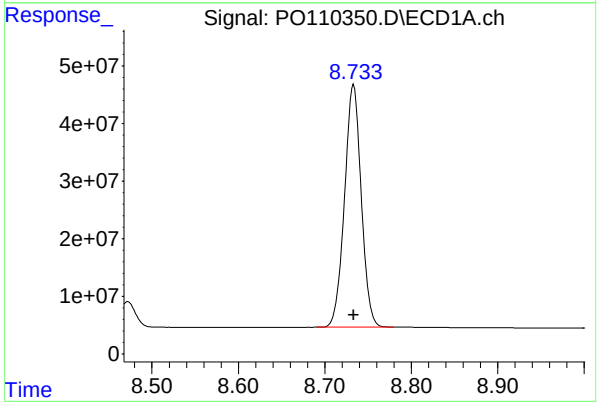
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 659708019
Conc: 75.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



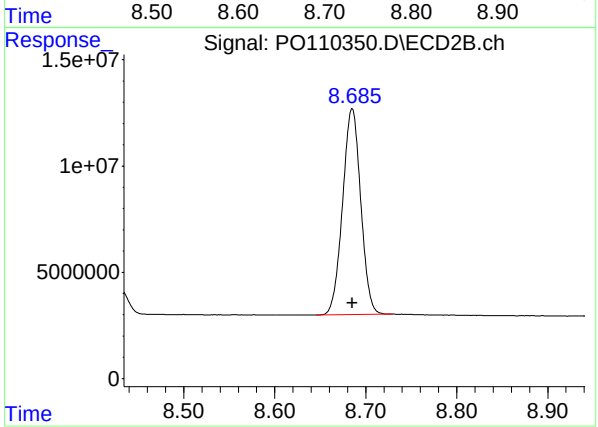
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 373160257
Conc: 75.16 ng/ml



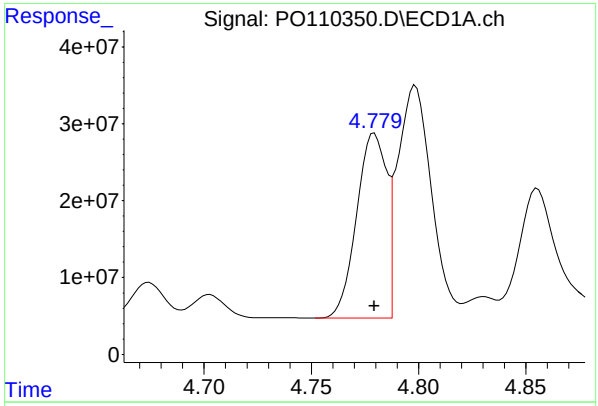
#2 Decachlorobiphenyl

R.T.: 8.733 min
Delta R.T.: 0.000 min
Response: 564494270
Conc: 75.11 ng/ml



#2 Decachlorobiphenyl

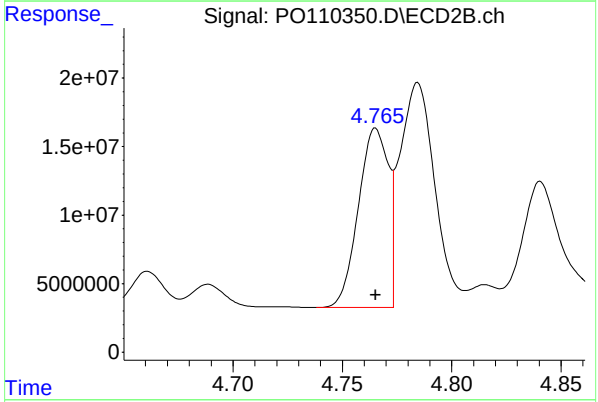
R.T.: 8.685 min
Delta R.T.: 0.000 min
Response: 134353803
Conc: 75.09 ng/ml



#3 AR-1016-1

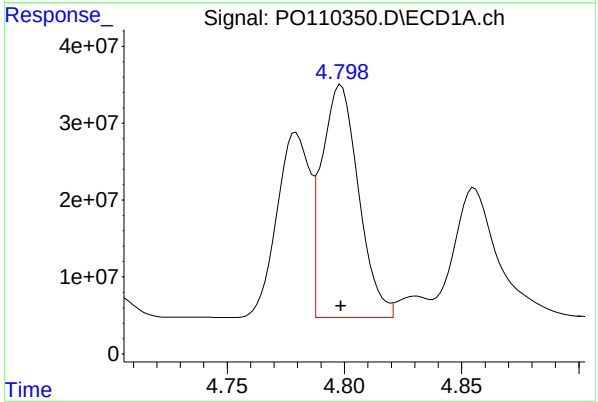
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 234110768
Conc: 747.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



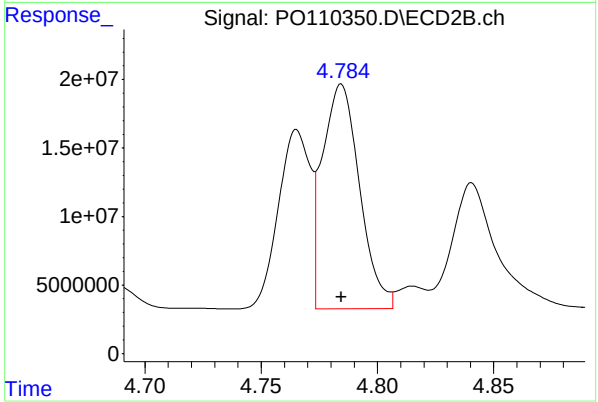
#3 AR-1016-1

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 124614751
Conc: 749.90 ng/ml



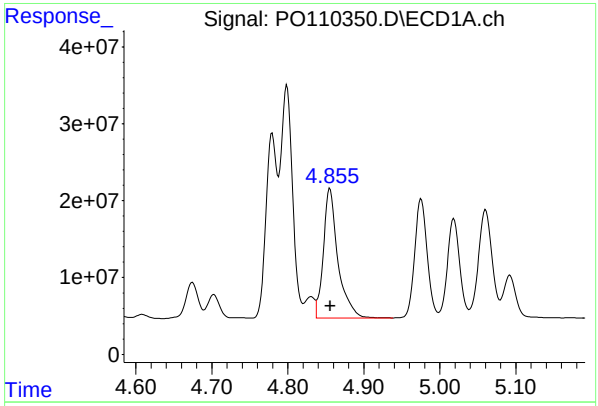
#4 AR-1016-2

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 331010138
Conc: 753.36 ng/ml



#4 AR-1016-2

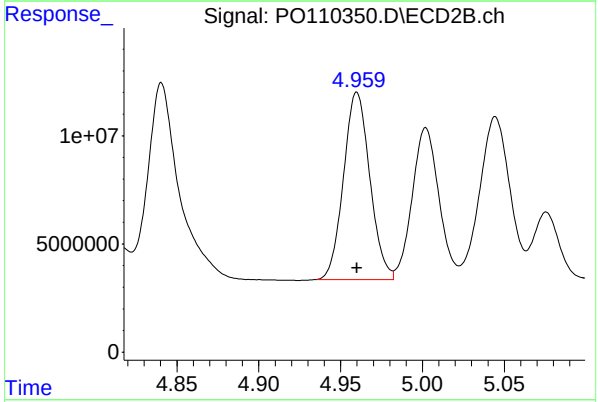
R.T.: 4.785 min
Delta R.T.: 0.000 min
Response: 183055020
Conc: 752.73 ng/ml



#5 AR-1016-3

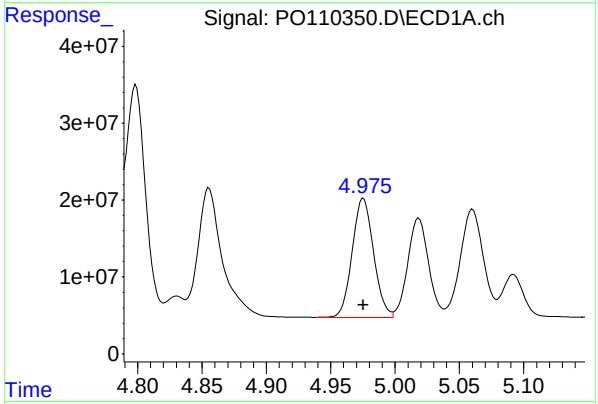
R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 225132935
Conc: 748.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



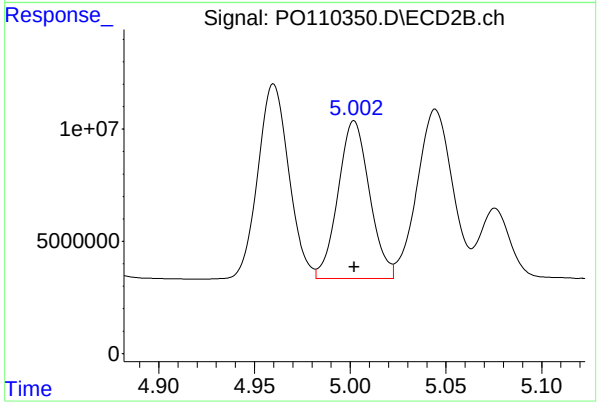
#5 AR-1016-3

R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 96985584
Conc: 750.07 ng/ml



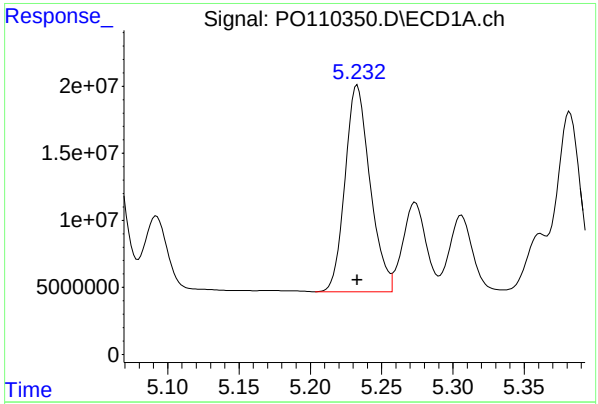
#6 AR-1016-4

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 178602996
Conc: 750.85 ng/ml



#6 AR-1016-4

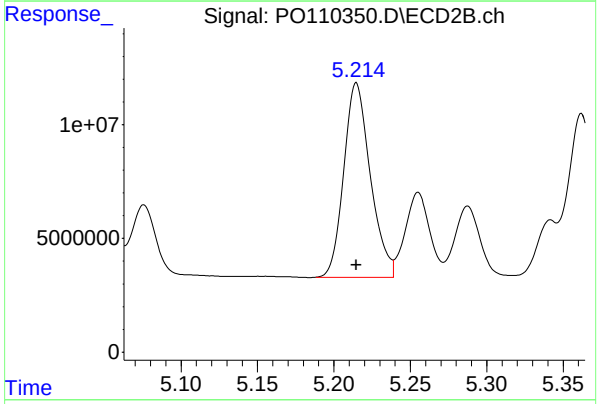
R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 80111616
Conc: 751.85 ng/ml



#7 AR-1016-5

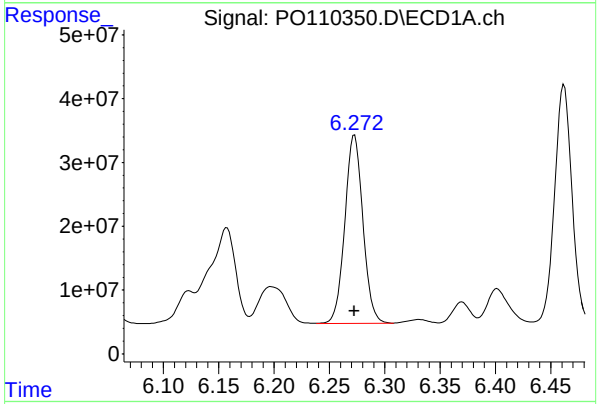
R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 187991832
Conc: 750.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



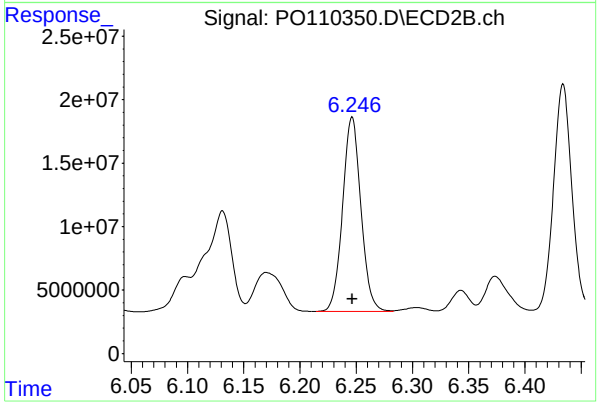
#7 AR-1016-5

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 103853259
Conc: 749.89 ng/ml



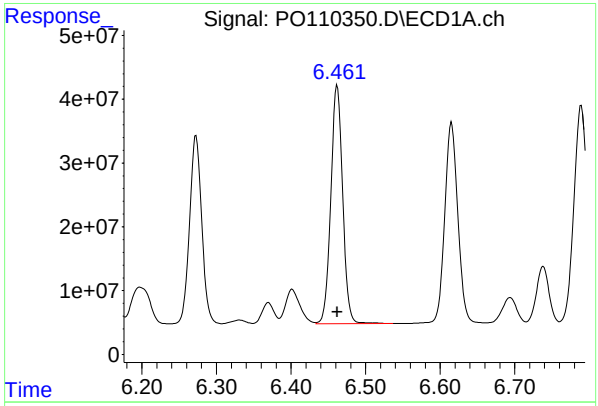
#31 AR-1260-1

R.T.: 6.273 min
Delta R.T.: 0.000 min
Response: 335311307
Conc: 751.22 ng/ml



#31 AR-1260-1

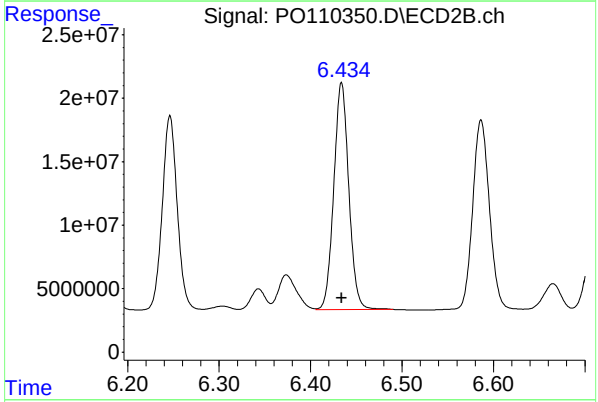
R.T.: 6.246 min
Delta R.T.: 0.000 min
Response: 173479710
Conc: 750.57 ng/ml



#32 AR-1260-2

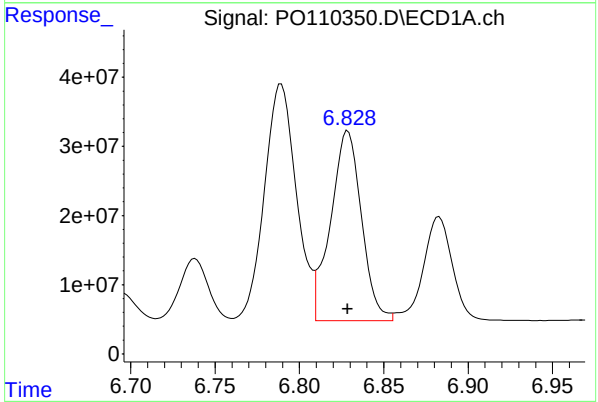
R.T.: 6.462 min
Delta R.T.: 0.000 min
Response: 411207564
Conc: 755.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



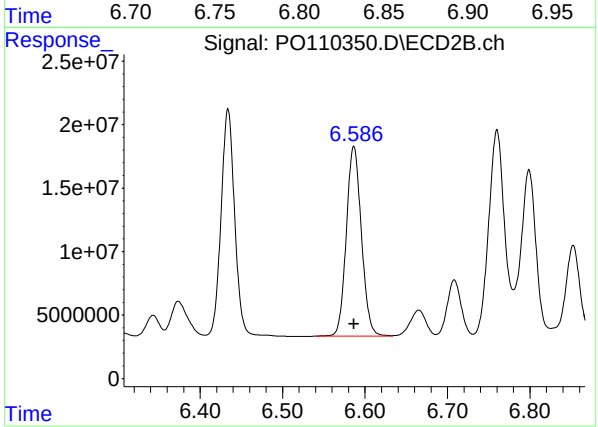
#32 AR-1260-2

R.T.: 6.434 min
Delta R.T.: 0.000 min
Response: 203828901
Conc: 751.78 ng/ml



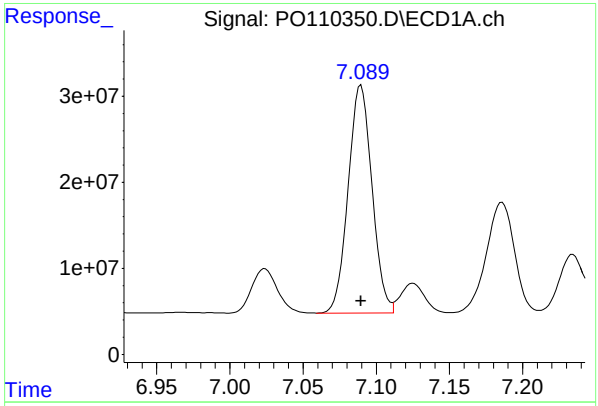
#33 AR-1260-3

R.T.: 6.829 min
Delta R.T.: 0.000 min
Response: 349851538
Conc: 752.61 ng/ml



#33 AR-1260-3

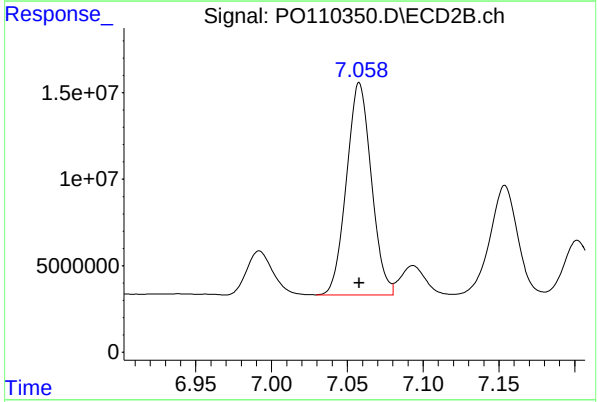
R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 190366782
Conc: 752.61 ng/ml



#34 AR-1260-4

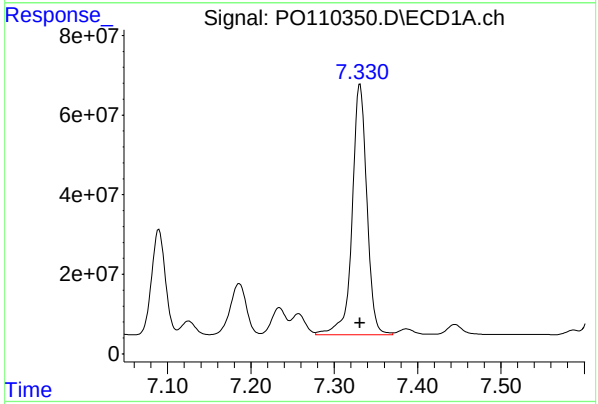
R.T.: 7.090 min
Delta R.T.: 0.000 min
Response: 300303137
Conc: 750.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



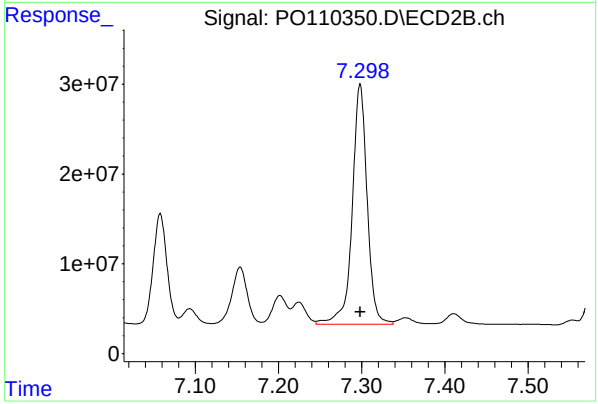
#34 AR-1260-4

R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 140207991
Conc: 751.20 ng/ml



#35 AR-1260-5

R.T.: 7.331 min
Delta R.T.: 0.000 min
Response: 773901178
Conc: 753.58 ng/ml



#35 AR-1260-5

R.T.: 7.298 min
Delta R.T.: 0.000 min
Response: 333819322
Conc: 754.26 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110351.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 10:13
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: Apr 10 10:53:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 10:52:45 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.688	3.686	447.6E6	252.5E6	50.000	50.000
2)	SA Decachlor...	8.732	8.684	388.4E6	93602268	50.000	50.000
	Target Compounds						
3)	L1 AR-1016-1	4.779	4.766	162.7E6	86580713	500.000	500.000
4)	L1 AR-1016-2	4.798	4.784	226.3E6	125.0E6	500.000	500.000
5)	L1 AR-1016-3	4.855	4.960	157.9E6	67418797	500.000	500.000
6)	L1 AR-1016-4	4.975	5.002	123.9E6	56344224	500.000	500.000
7)	L1 AR-1016-5	5.232	5.215	131.4E6	72633194	500.000	500.000
31)	L7 AR-1260-1	6.272	6.246	231.0E6	120.4E6	500.000	500.000
32)	L7 AR-1260-2	6.460	6.434	280.0E6	140.8E6	500.000	500.000
33)	L7 AR-1260-3	6.829	6.587	241.0E6	130.8E6	500.000	500.000
34)	L7 AR-1260-4	7.088	7.057	208.8E6	97873306	500.000	500.000
35)	L7 AR-1260-5	7.330	7.297	523.1E6	226.2E6	500.000	500.000

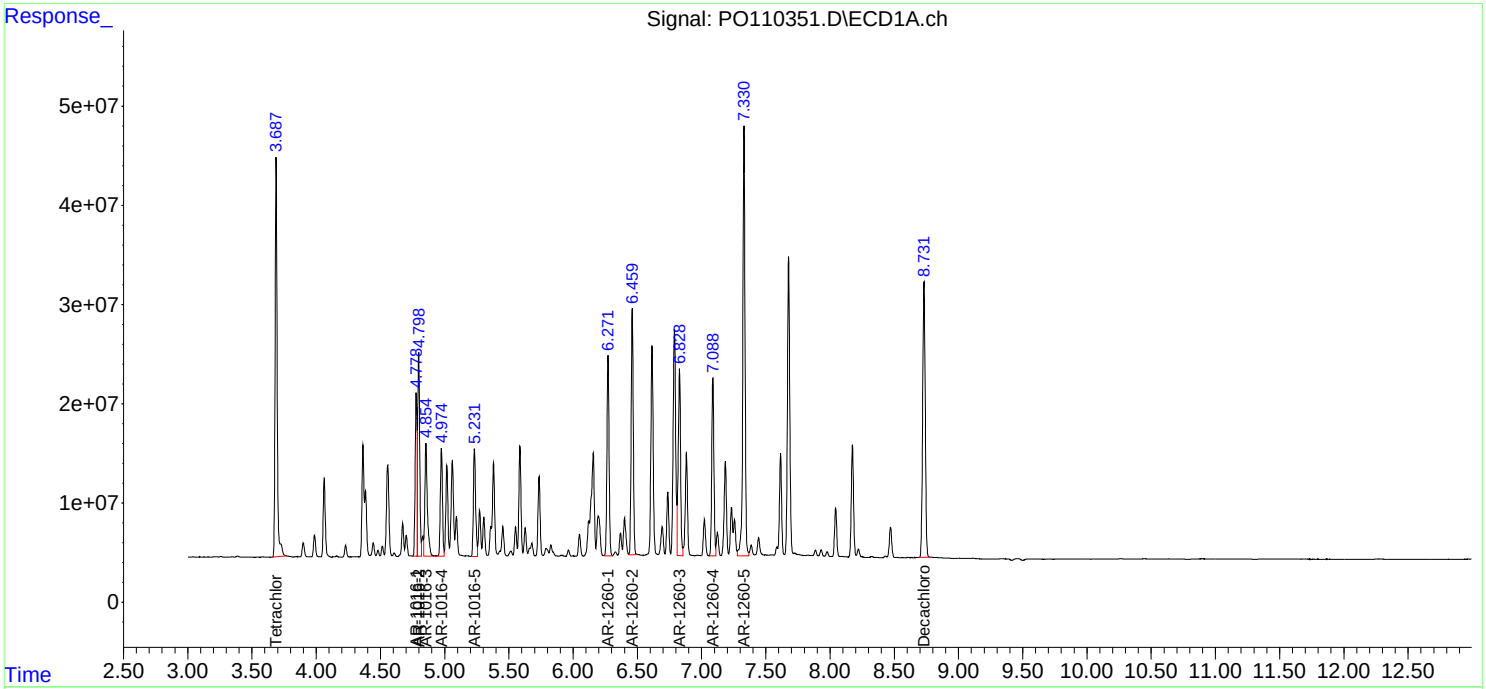
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

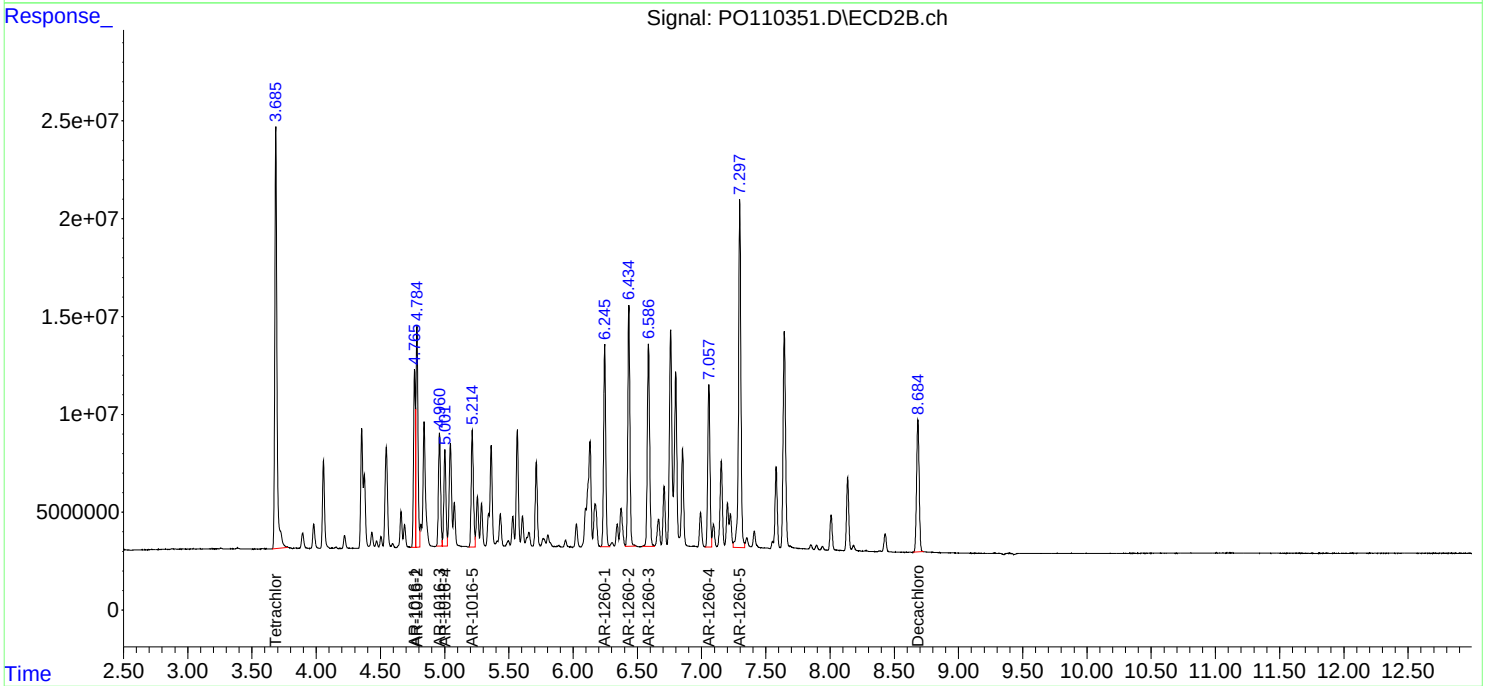
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110351.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 10:13
Operator : YP/AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

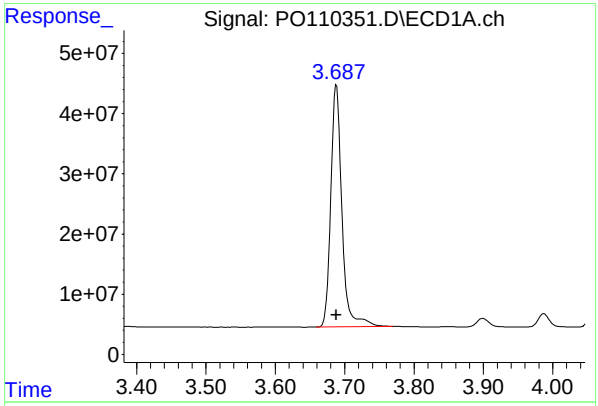
Instrument :
ECD_O
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 10:53:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 10:52:45 2025
Response via : Initial Calibration
Integrator: ChemStation

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



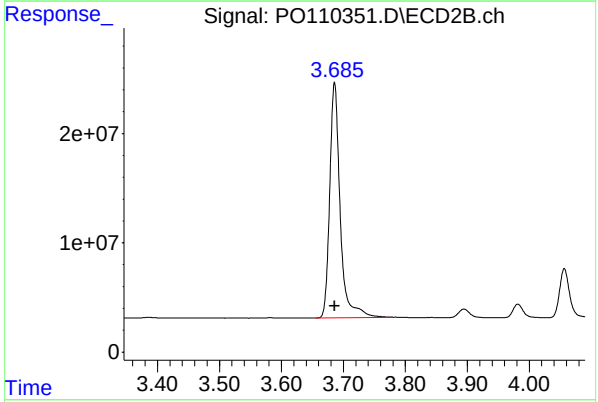




#1 Tetrachloro-m-xylene

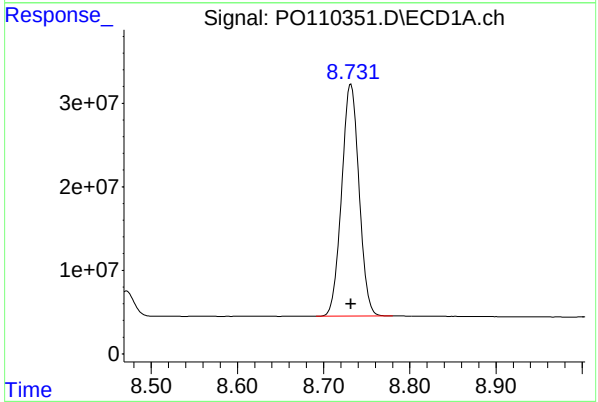
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 447556919
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



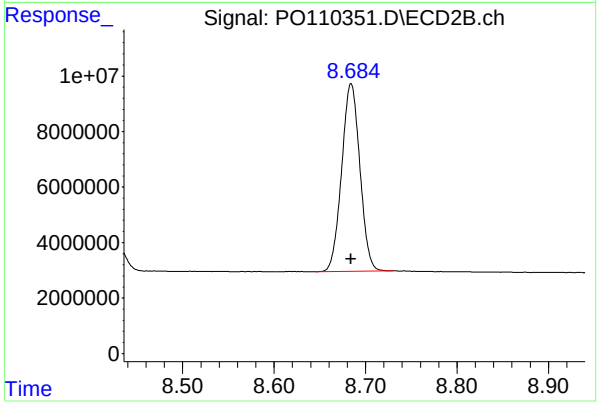
#1 Tetrachloro-m-xylene

R.T.: 3.686 min
Delta R.T.: 0.000 min
Response: 252485572
Conc: 50.00 ng/ml



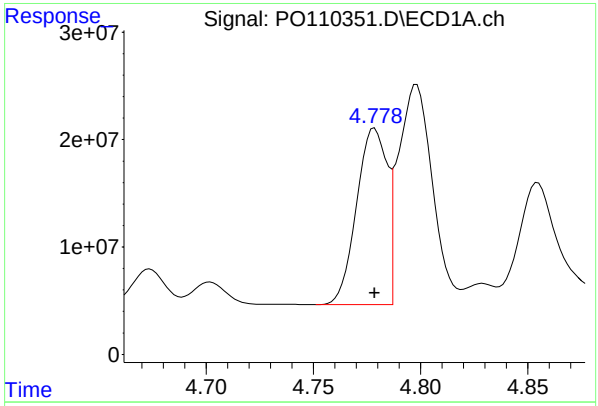
#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 388432391
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

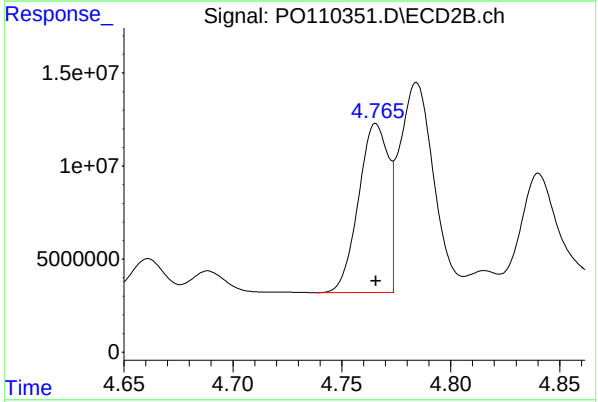
R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 93602268
Conc: 50.00 ng/ml



#3 AR-1016-1

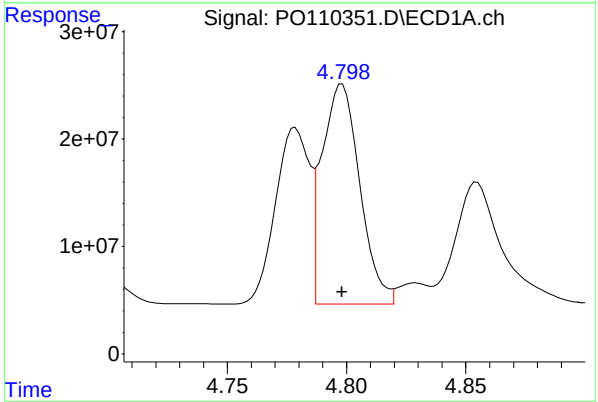
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 162683047
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



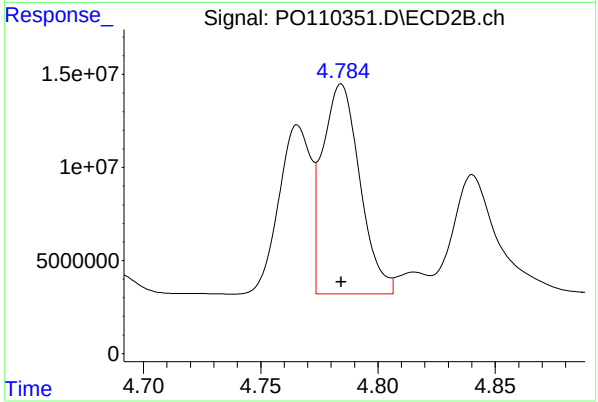
#3 AR-1016-1

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 86580713
Conc: 500.00 ng/ml



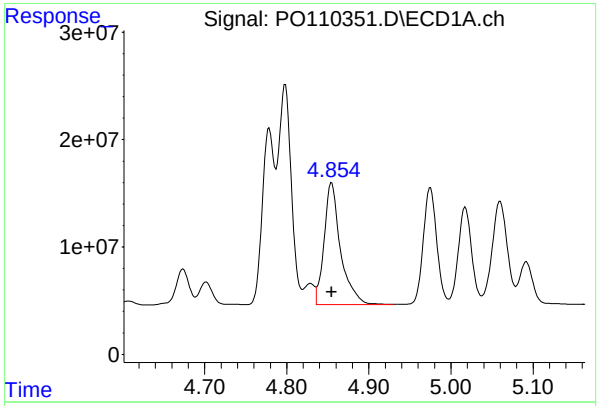
#4 AR-1016-2

R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 226293527
Conc: 500.00 ng/ml



#4 AR-1016-2

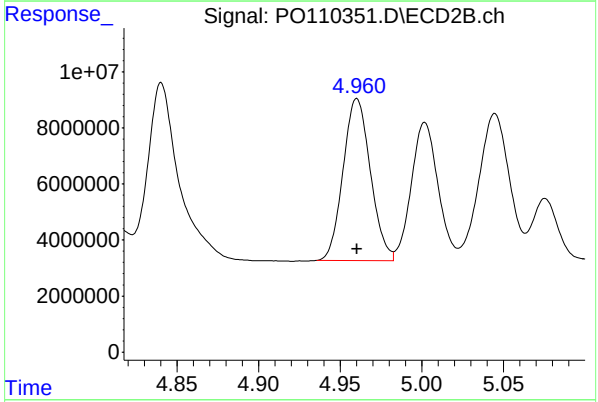
R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 124957819
Conc: 500.00 ng/ml



#5 AR-1016-3

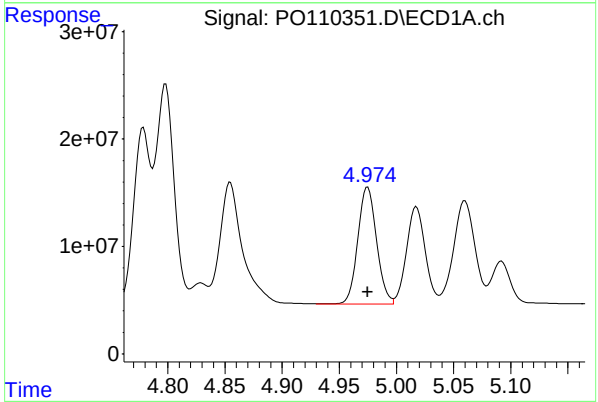
R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 157896286
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



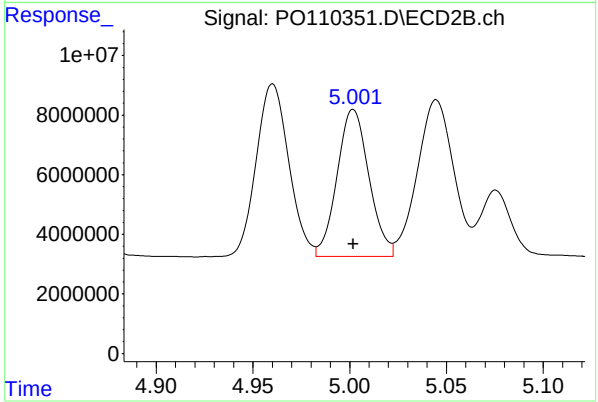
#5 AR-1016-3

R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 67418797
Conc: 500.00 ng/ml



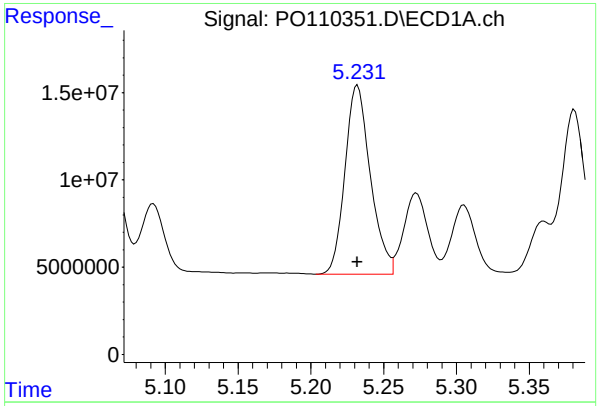
#6 AR-1016-4

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 123921160
Conc: 500.00 ng/ml



#6 AR-1016-4

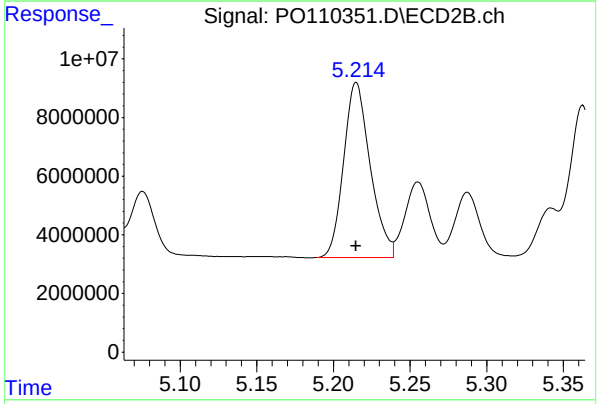
R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 56344224
Conc: 500.00 ng/ml



#7 AR-1016-5

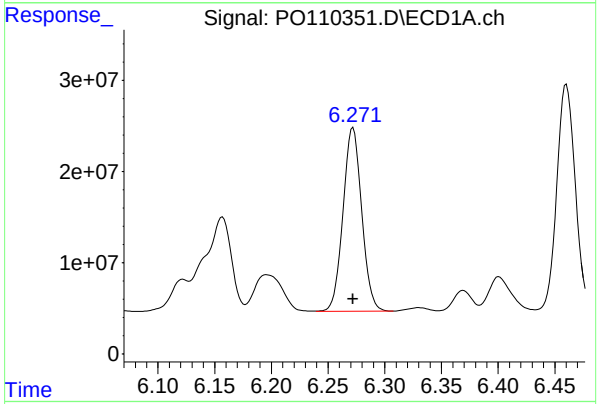
R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 131415211
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



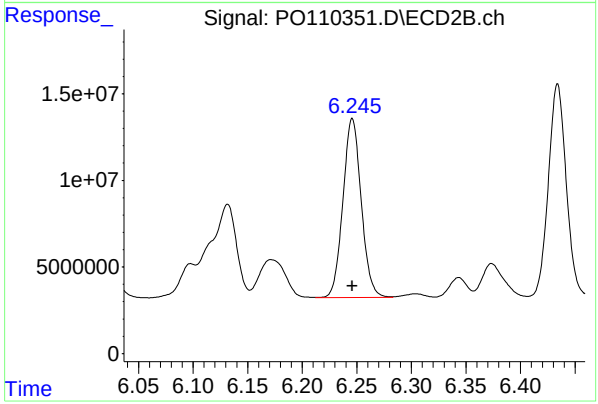
#7 AR-1016-5

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 72633194
Conc: 500.00 ng/ml



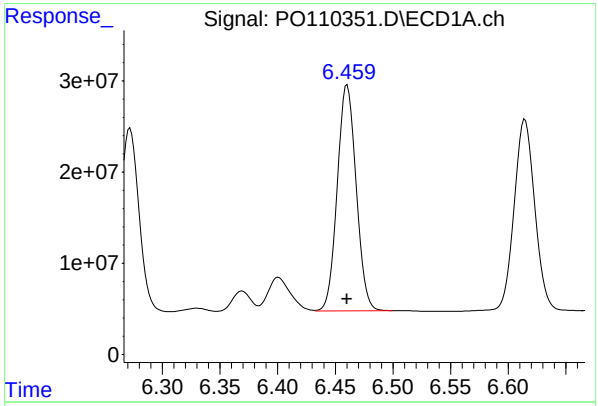
#31 AR-1260-1

R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 231002520
Conc: 500.00 ng/ml



#31 AR-1260-1

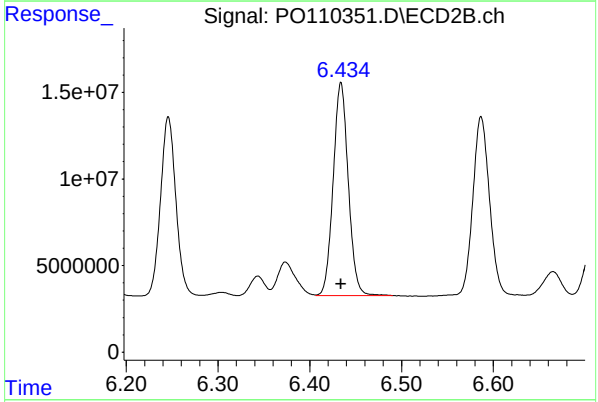
R.T.: 6.246 min
Delta R.T.: 0.000 min
Response: 120402186
Conc: 500.00 ng/ml



#32 AR-1260-2

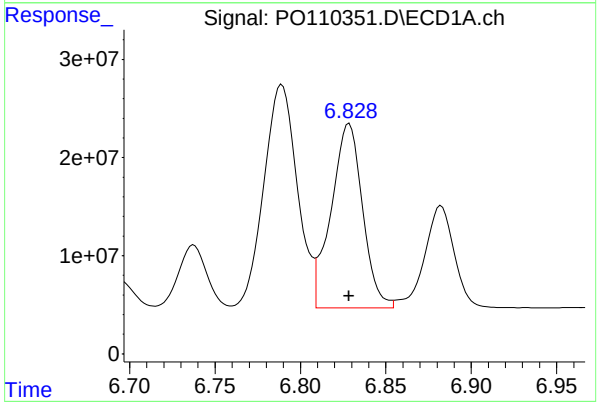
R.T.: 6.460 min
Delta R.T.: 0.000 min
Response: 280000790
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



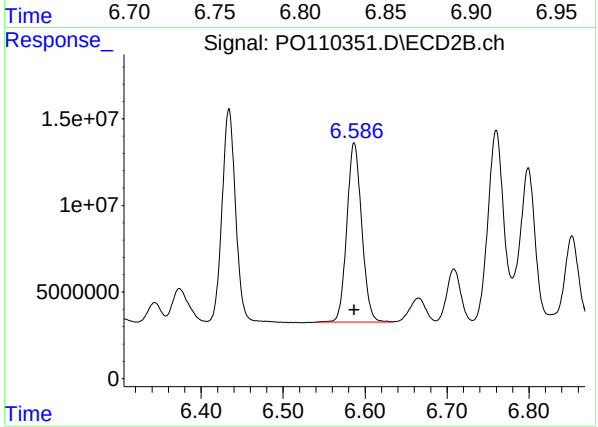
#32 AR-1260-2

R.T.: 6.434 min
Delta R.T.: 0.000 min
Response: 140786244
Conc: 500.00 ng/ml



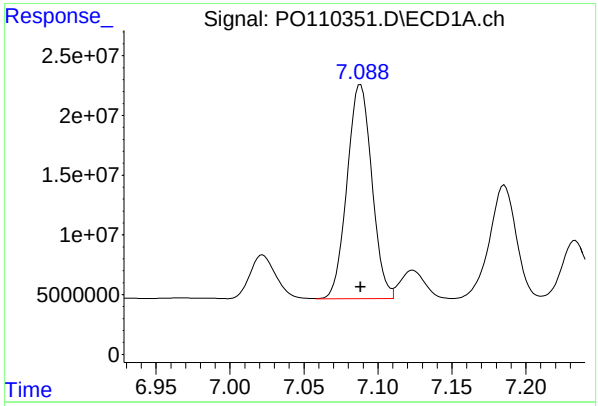
#33 AR-1260-3

R.T.: 6.829 min
Delta R.T.: 0.000 min
Response: 241038327
Conc: 500.00 ng/ml



#33 AR-1260-3

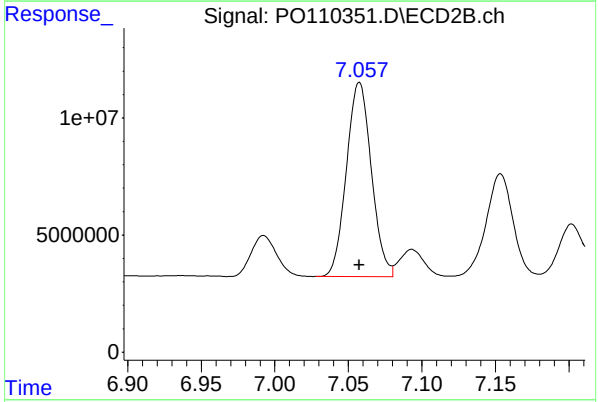
R.T.: 6.587 min
Delta R.T.: 0.000 min
Response: 130797993
Conc: 500.00 ng/ml



#34 AR-1260-4

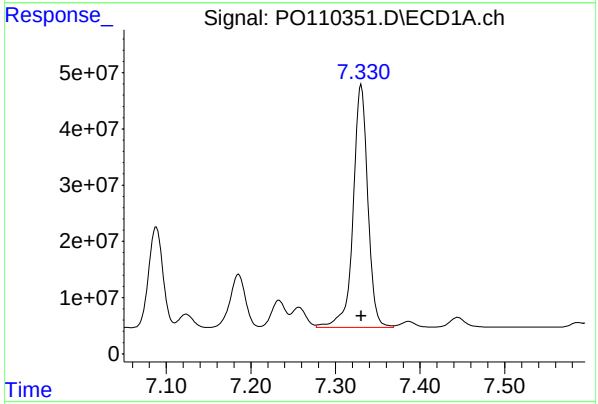
R.T.: 7.088 min
Delta R.T.: 0.000 min
Response: 208811584
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



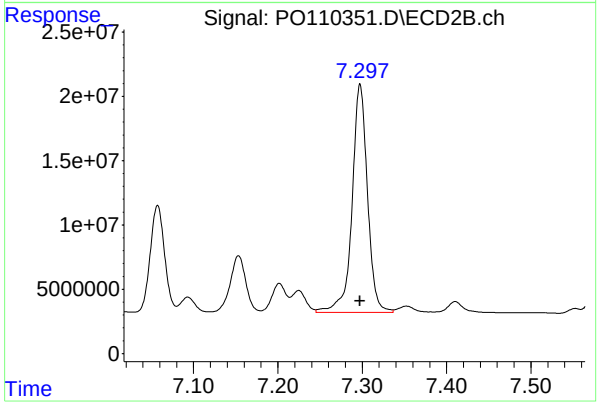
#34 AR-1260-4

R.T.: 7.057 min
Delta R.T.: 0.000 min
Response: 97873306
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 523062881
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.297 min
Delta R.T.: 0.000 min
Response: 226178833
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110352.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 10:31
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: Apr 10 11:01:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 10:56:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.688	3.685	218.4E6	127.3E6	24.901	25.482
2)	SA Decachlor...	8.734	8.683	205.3E6	50640696	26.698	27.397
	Target Compounds						
3)	L1 AR-1016-1	4.780	4.765	85356347	46113983	266.639	270.074
4)	L1 AR-1016-2	4.798	4.784	118.1E6	64942457	263.859	262.570
5)	L1 AR-1016-3	4.855	4.959	84160004	35585704	271.600	268.445
6)	L1 AR-1016-4	4.975	5.002	65304594	30405283	267.965	275.610
7)	L1 AR-1016-5	5.232	5.214	70395931	38809886	272.520	272.010
31)	L7 AR-1260-1	6.272	6.245	122.7E6	64201123	268.242	270.264
32)	L7 AR-1260-2	6.461	6.433	149.1E6	74637486	267.561	268.495
33)	L7 AR-1260-3	6.828	6.586	128.0E6	69475884	268.498	268.057
34)	L7 AR-1260-4	7.089	7.057	111.3E6	52728341	270.655	273.611
35)	L7 AR-1260-5	7.331	7.297	266.3E6	117.4E6	256.903	261.226

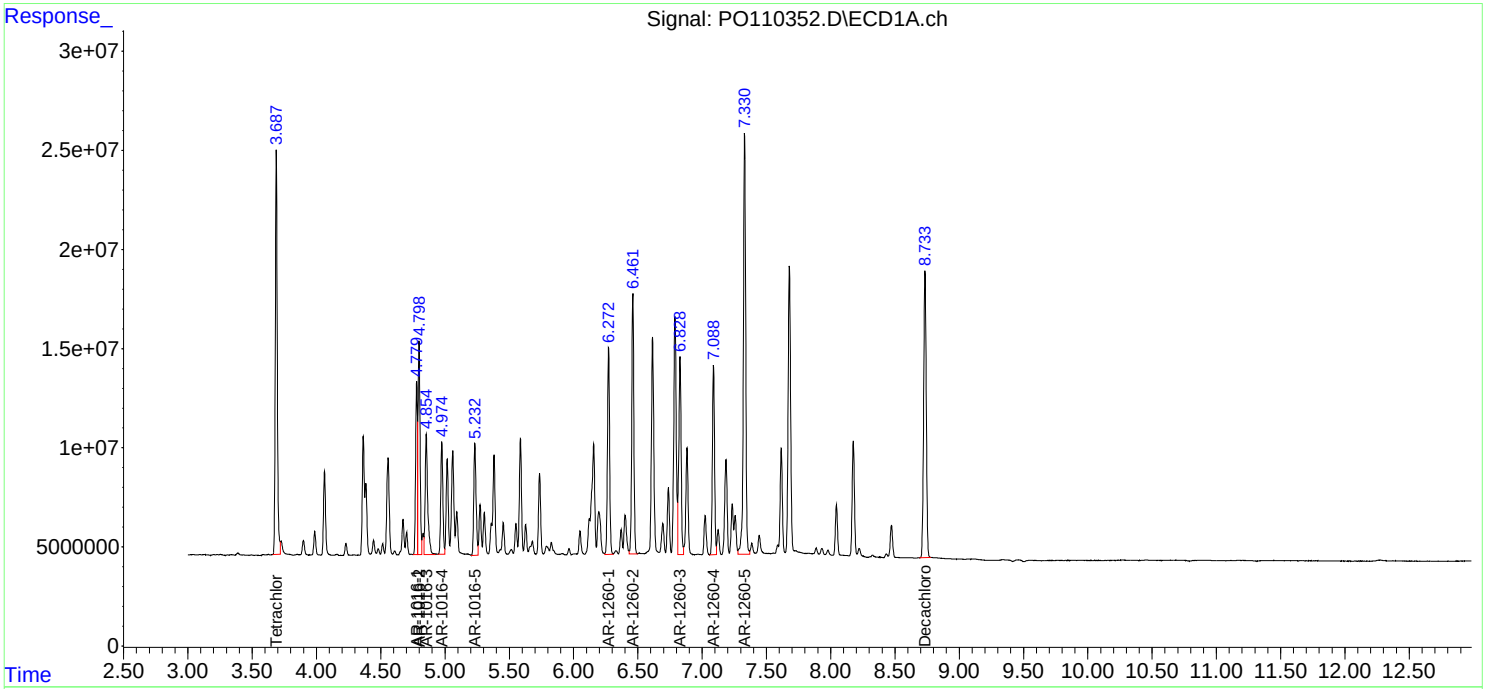
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

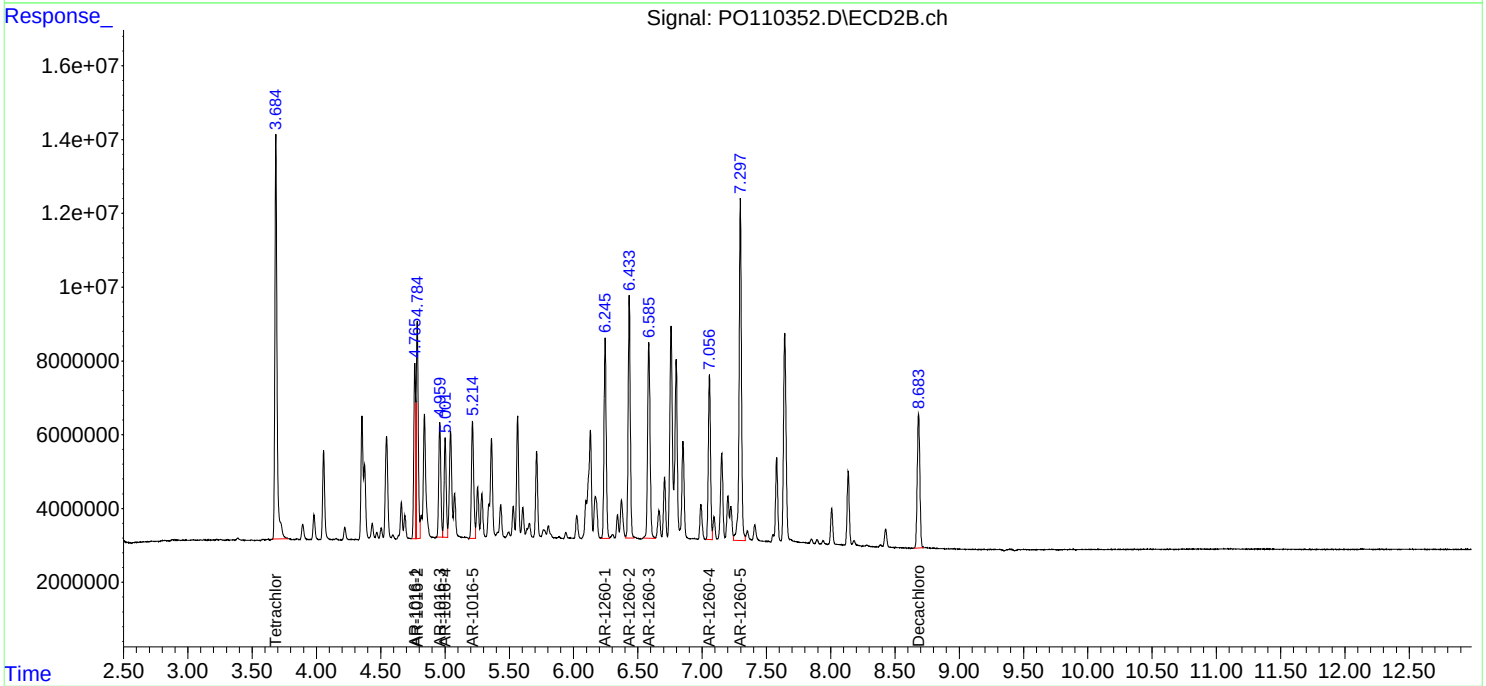
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110352.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 10:31
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

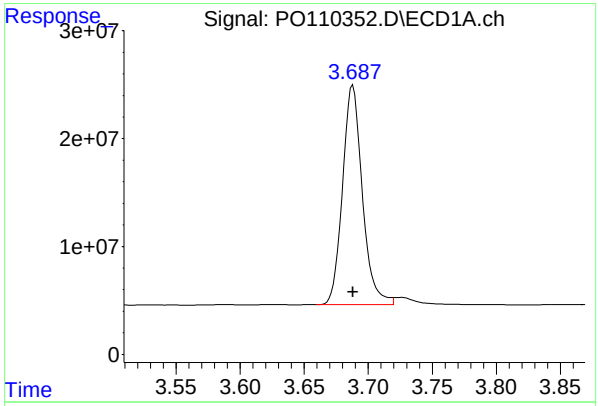
Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 11:01:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 10:56:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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



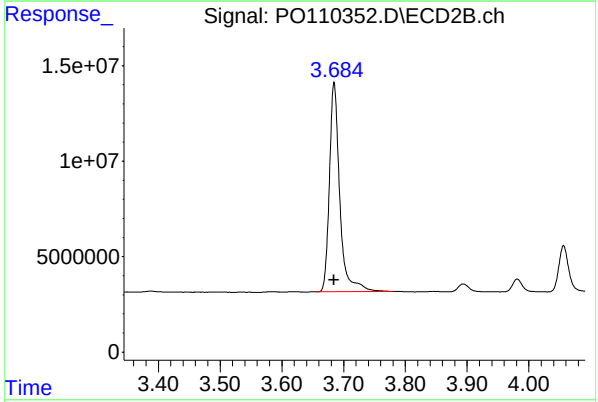




#1 Tetrachloro-m-xylene

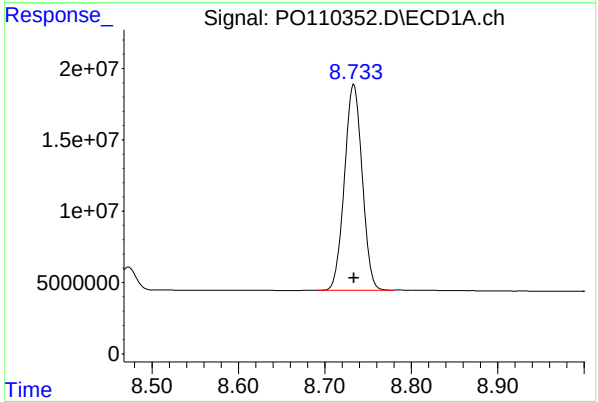
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 218425182
Conc: 24.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



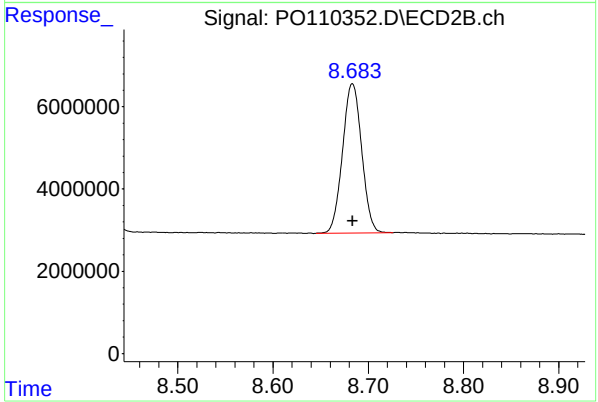
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 127327148
Conc: 25.48 ng/ml



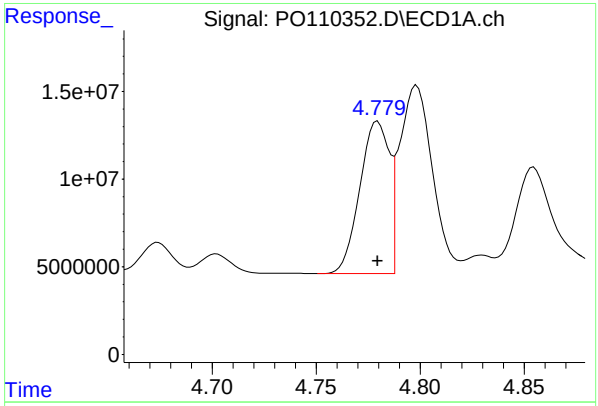
#2 Decachlorobiphenyl

R.T.: 8.734 min
Delta R.T.: 0.000 min
Response: 205292848
Conc: 26.70 ng/ml



#2 Decachlorobiphenyl

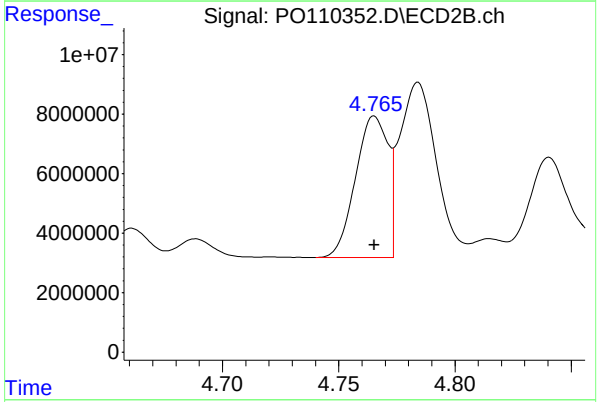
R.T.: 8.683 min
Delta R.T.: 0.000 min
Response: 50640696
Conc: 27.40 ng/ml



#3 AR-1016-1

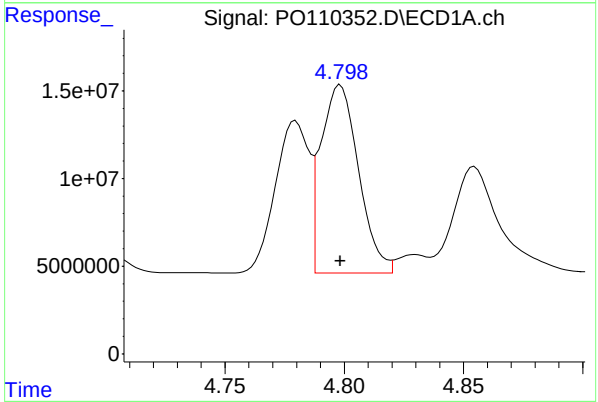
R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 85356347
Conc: 266.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



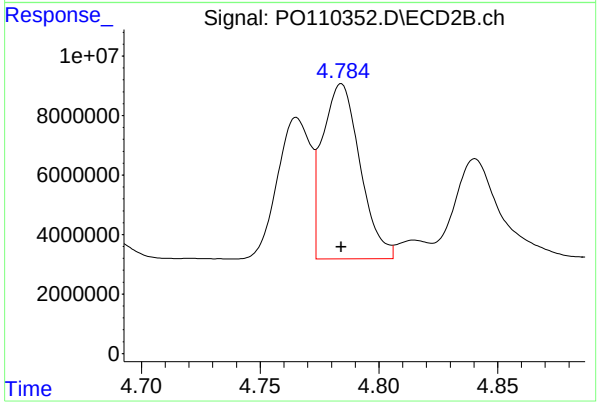
#3 AR-1016-1

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 46113983
Conc: 270.07 ng/ml



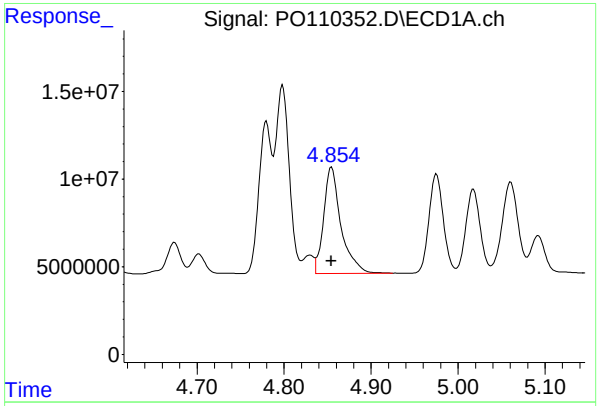
#4 AR-1016-2

R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 118116710
Conc: 263.86 ng/ml



#4 AR-1016-2

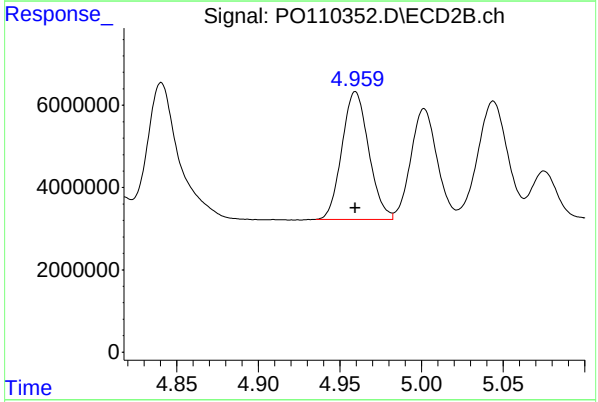
R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 64942457
Conc: 262.57 ng/ml



#5 AR-1016-3

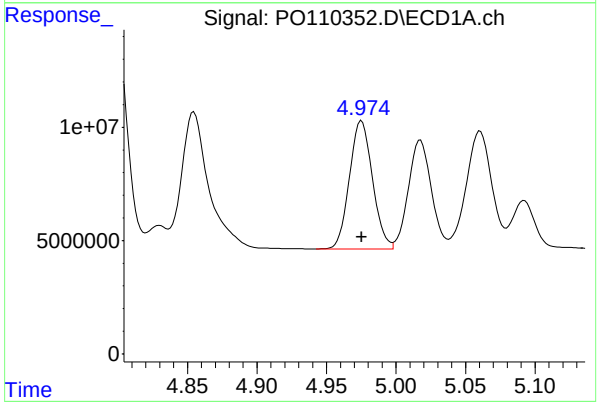
R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 84160004
Conc: 271.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



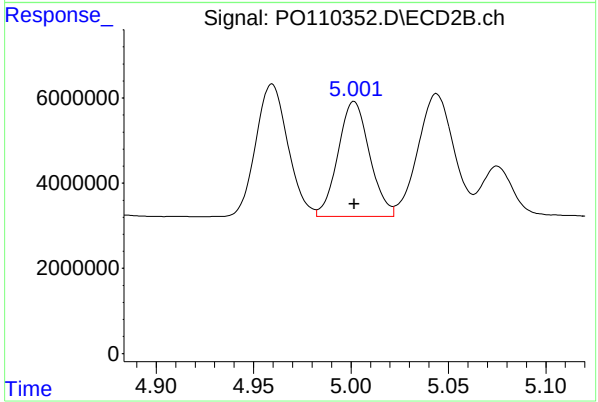
#5 AR-1016-3

R.T.: 4.959 min
Delta R.T.: 0.000 min
Response: 35585704
Conc: 268.45 ng/ml



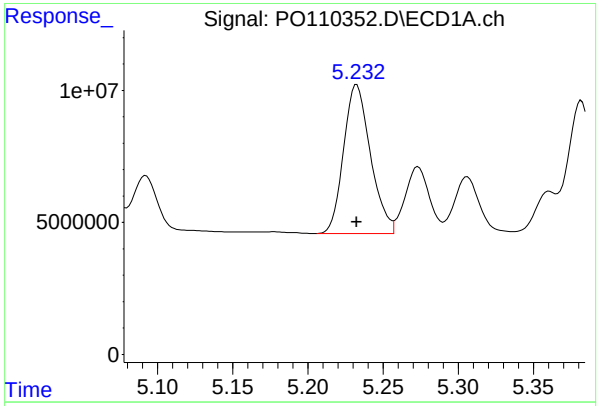
#6 AR-1016-4

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 65304594
Conc: 267.97 ng/ml



#6 AR-1016-4

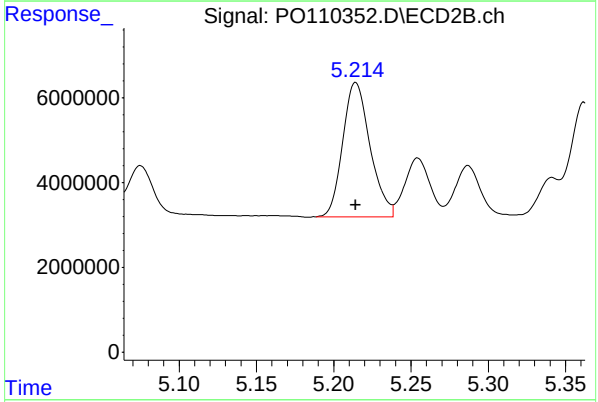
R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 30405283
Conc: 275.61 ng/ml



#7 AR-1016-5

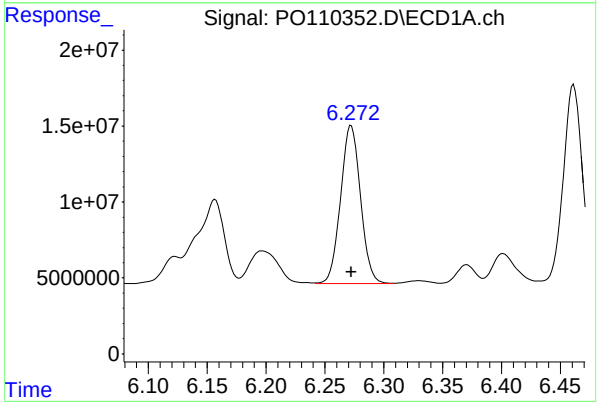
R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 70395931
Conc: 272.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



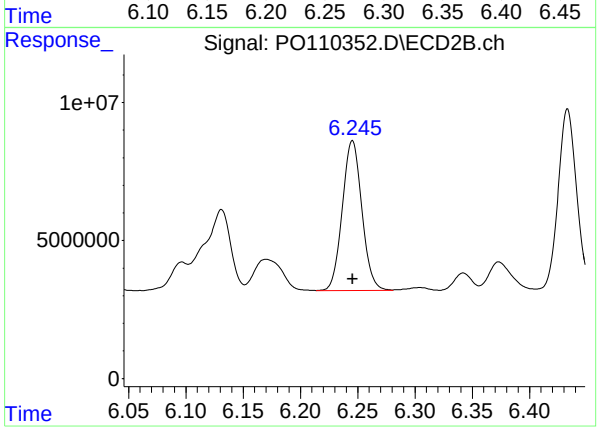
#7 AR-1016-5

R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 38809886
Conc: 272.01 ng/ml



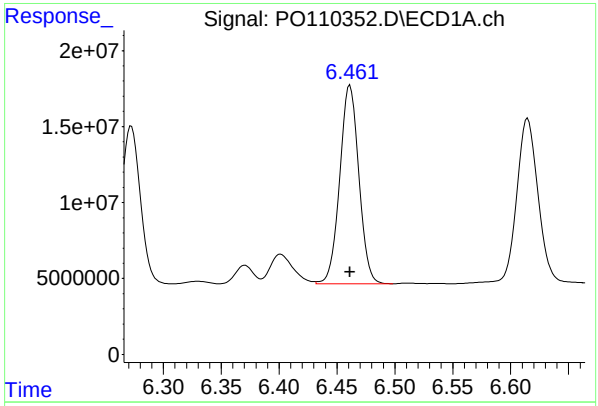
#31 AR-1260-1

R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 122716328
Conc: 268.24 ng/ml



#31 AR-1260-1

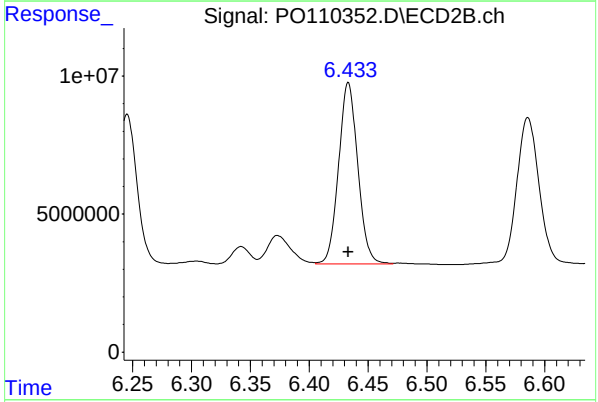
R.T.: 6.245 min
Delta R.T.: 0.000 min
Response: 64201123
Conc: 270.26 ng/ml



#32 AR-1260-2

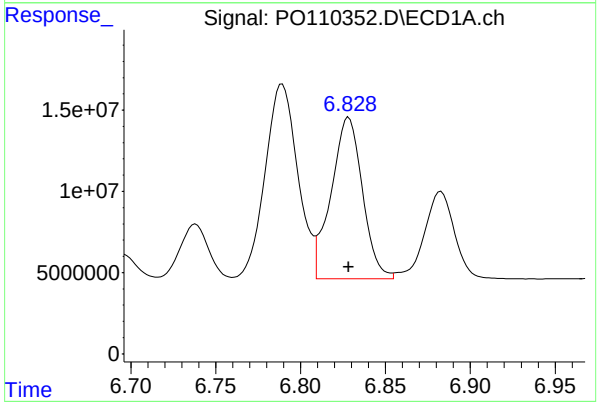
R.T.: 6.461 min
Delta R.T.: 0.000 min
Response: 149093603
Conc: 267.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



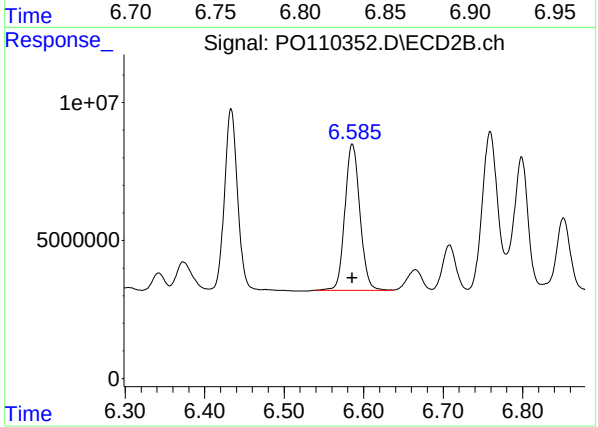
#32 AR-1260-2

R.T.: 6.433 min
Delta R.T.: 0.000 min
Response: 74637486
Conc: 268.49 ng/ml



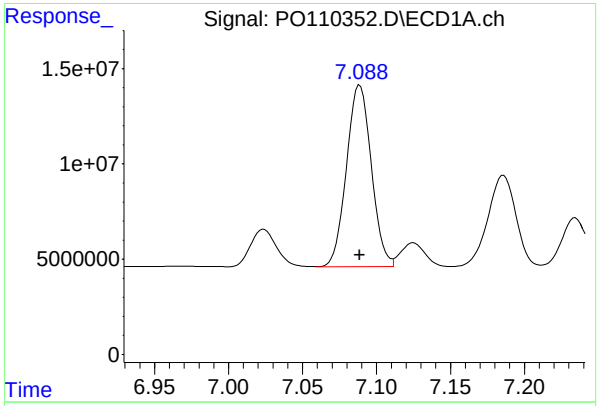
#33 AR-1260-3

R.T.: 6.828 min
Delta R.T.: 0.000 min
Response: 127967922
Conc: 268.50 ng/ml



#33 AR-1260-3

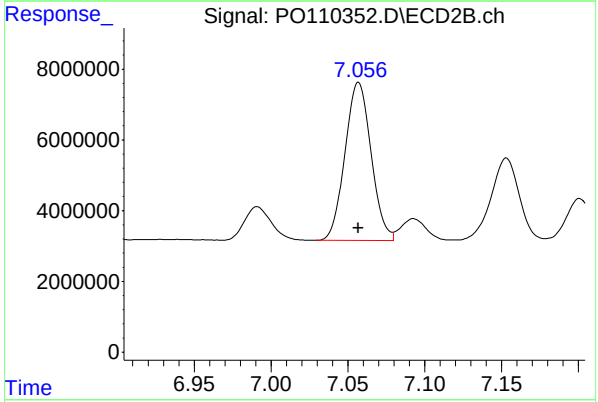
R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 69475884
Conc: 268.06 ng/ml



#34 AR-1260-4

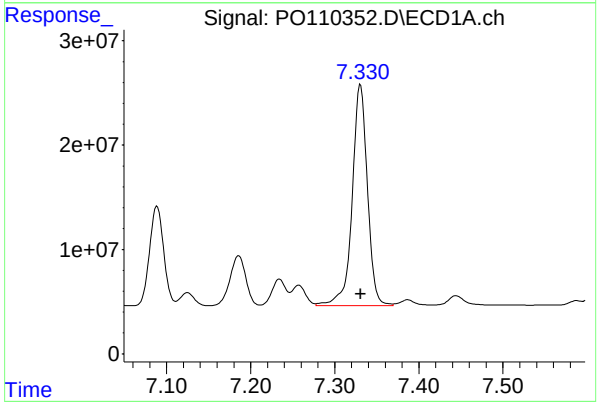
R.T.: 7.089 min
Delta R.T.: 0.000 min
Response: 111343599
Conc: 270.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



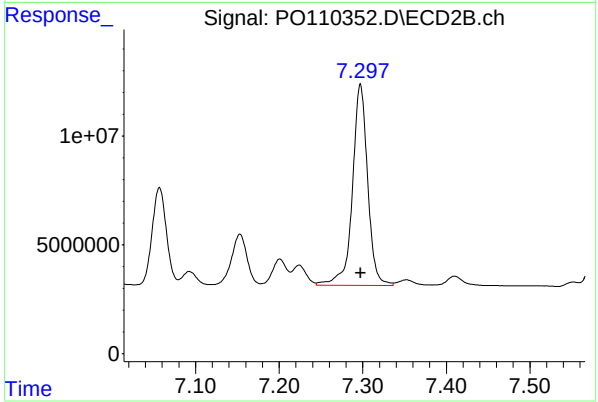
#34 AR-1260-4

R.T.: 7.057 min
Delta R.T.: 0.000 min
Response: 52728341
Conc: 273.61 ng/ml



#35 AR-1260-5

R.T.: 7.331 min
Delta R.T.: 0.000 min
Response: 266280520
Conc: 256.90 ng/ml



#35 AR-1260-5

R.T.: 7.297 min
Delta R.T.: 0.000 min
Response: 117368967
Conc: 261.23 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110353.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 10:49
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 11:04:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 10:56:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.688	3.685	43289216	24808316	4.952	4.972
2)	SA Decachlor...	8.733	8.683	43582732	11156787	5.520	5.796
	Target Compounds						
3)	L1 AR-1016-1	4.779	4.765	18011965	9728182	54.891	55.428
4)	L1 AR-1016-2	4.798	4.785	24206905	13399432	53.208	53.285
5)	L1 AR-1016-3	4.855	4.960	18658513	7415278	57.851	54.640
6)	L1 AR-1016-4	4.975	5.002	13549991	6527964	54.382	57.079
7)	L1 AR-1016-5	5.233	5.215	15589904	8732807	57.953	58.580
31)	L7 AR-1260-1	6.272	6.246	26614614	13981013	56.334	56.842
32)	L7 AR-1260-2	6.461	6.433	35159753	17340702	59.956	59.437
33)	L7 AR-1260-3	6.829	6.586	27896623	15884287	56.600	58.639
34)	L7 AR-1260-4	7.088	7.057	23828498	11617411	56.143	57.902
35)	L7 AR-1260-5	7.331	7.297	53567336	24854158	51.336	54.165

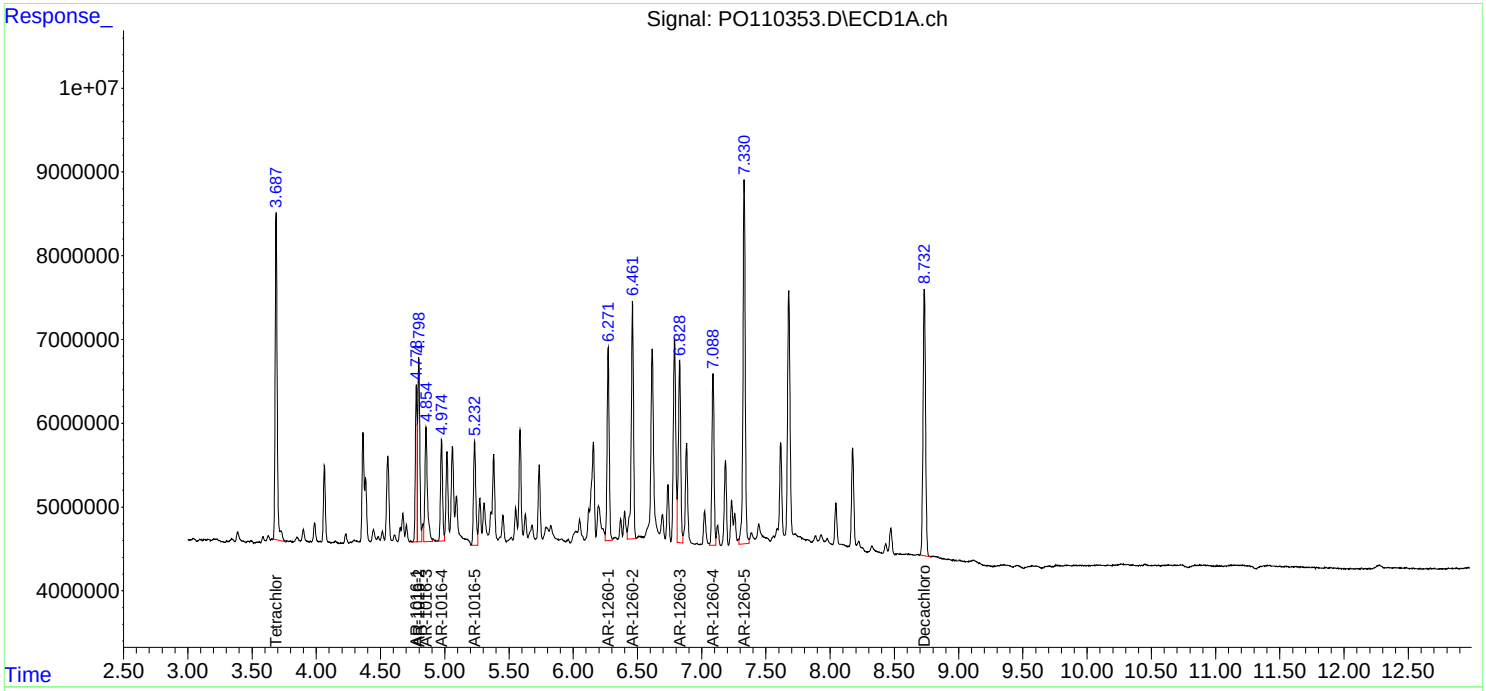
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

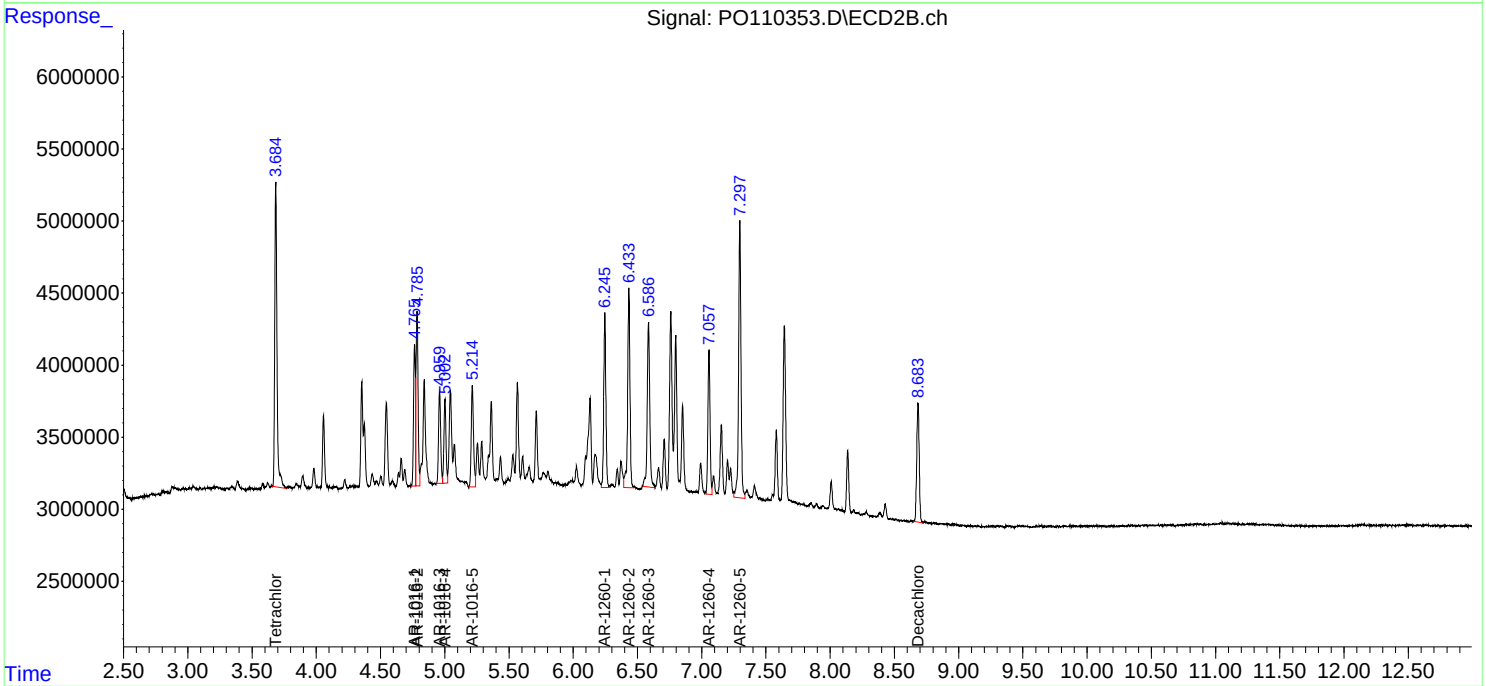
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110353.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 10:49
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

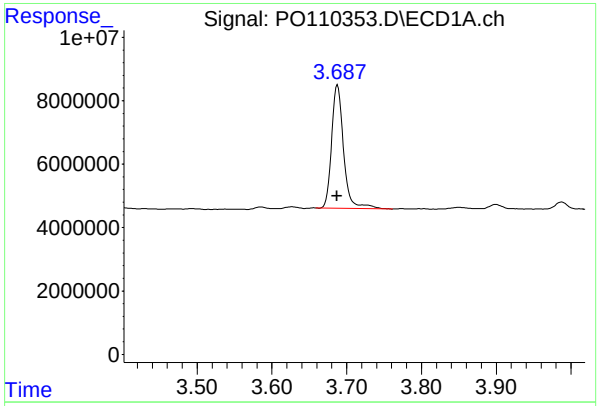
Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 11:04:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 10:56:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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



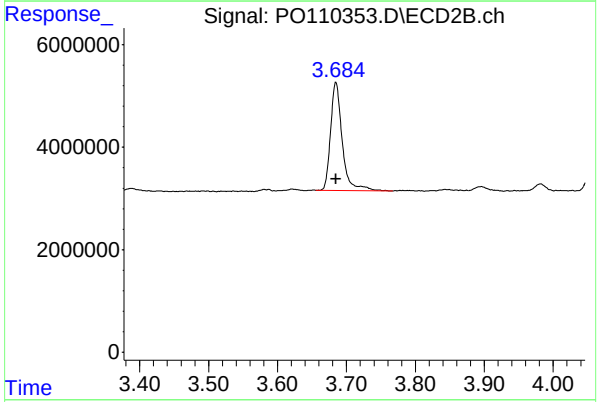




#1 Tetrachloro-m-xylene

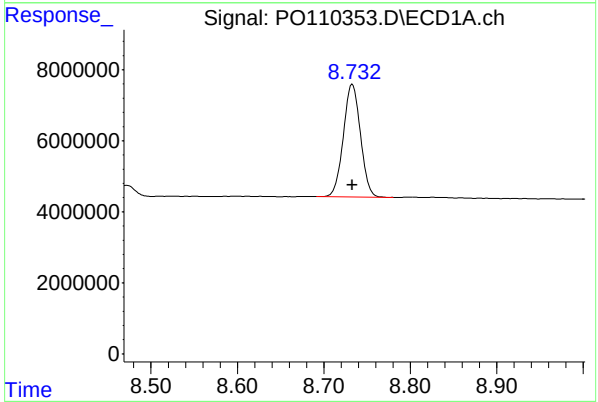
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 43289216
Conc: 4.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



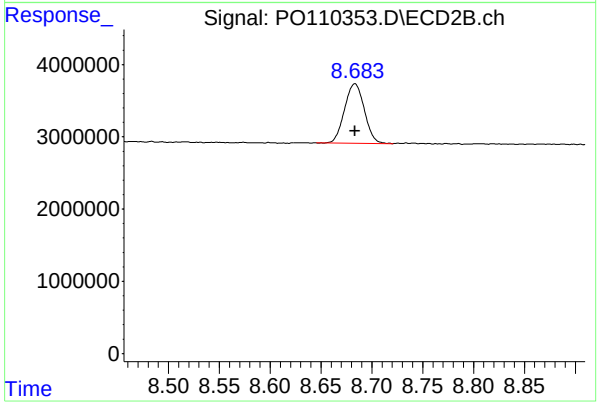
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 24808316
Conc: 4.97 ng/ml



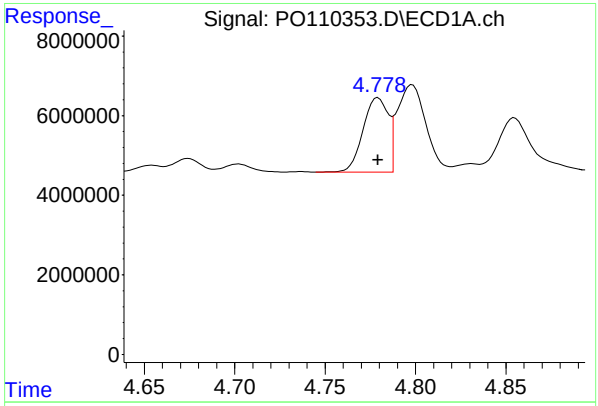
#2 Decachlorobiphenyl

R.T.: 8.733 min
Delta R.T.: 0.000 min
Response: 43582732
Conc: 5.52 ng/ml



#2 Decachlorobiphenyl

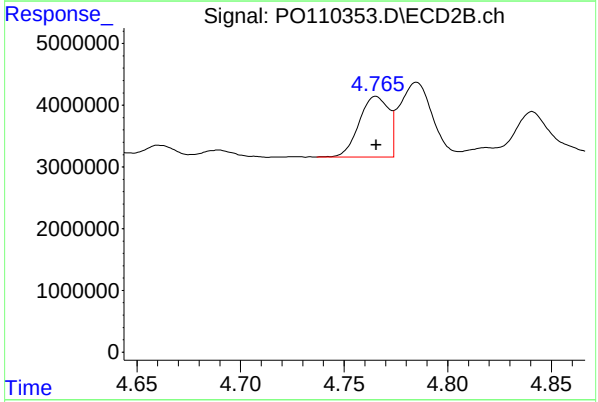
R.T.: 8.683 min
Delta R.T.: 0.000 min
Response: 11156787
Conc: 5.80 ng/ml



#3 AR-1016-1

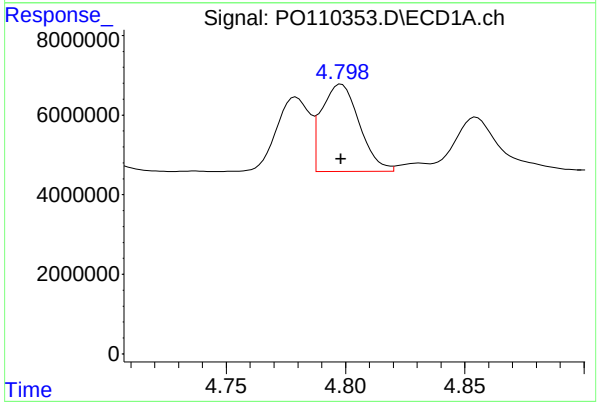
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 18011965
Conc: 54.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



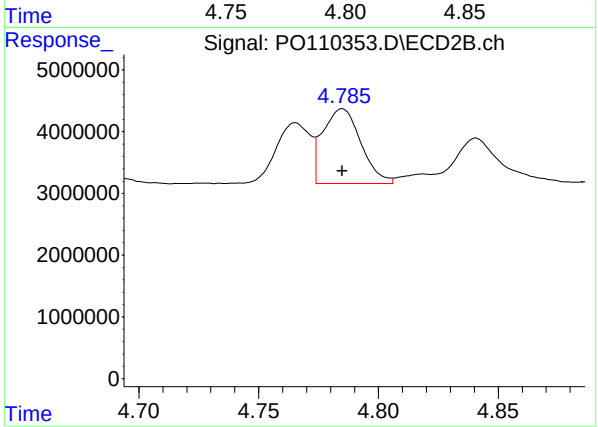
#3 AR-1016-1

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 9728182
Conc: 55.43 ng/ml



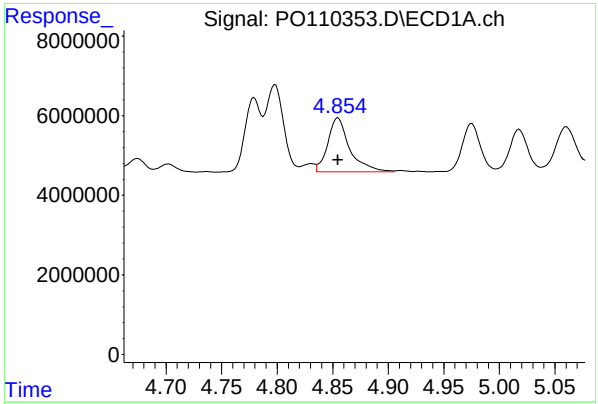
#4 AR-1016-2

R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 24206905
Conc: 53.21 ng/ml



#4 AR-1016-2

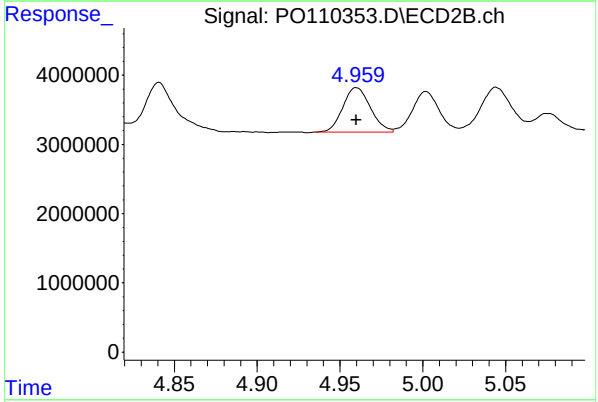
R.T.: 4.785 min
Delta R.T.: 0.000 min
Response: 13399432
Conc: 53.29 ng/ml



#5 AR-1016-3

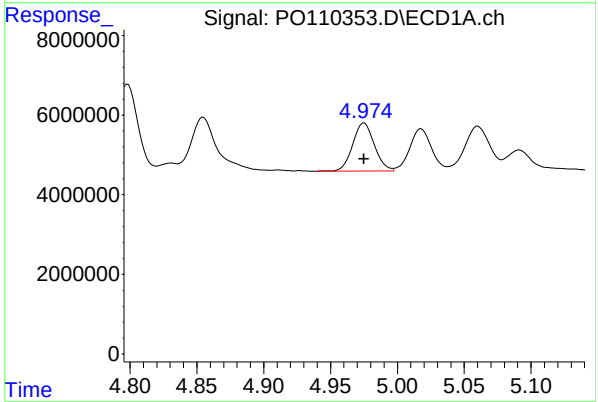
R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 18658513
Conc: 57.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



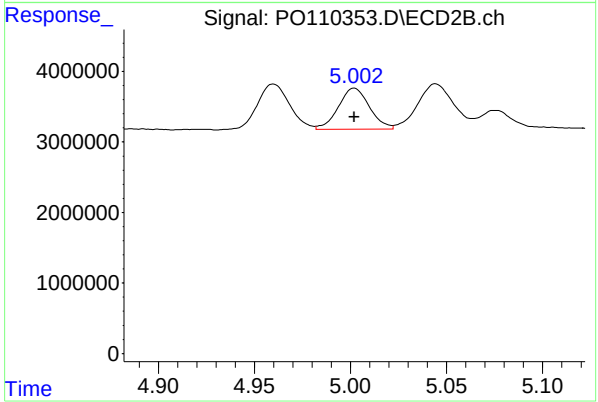
#5 AR-1016-3

R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 7415278
Conc: 54.64 ng/ml



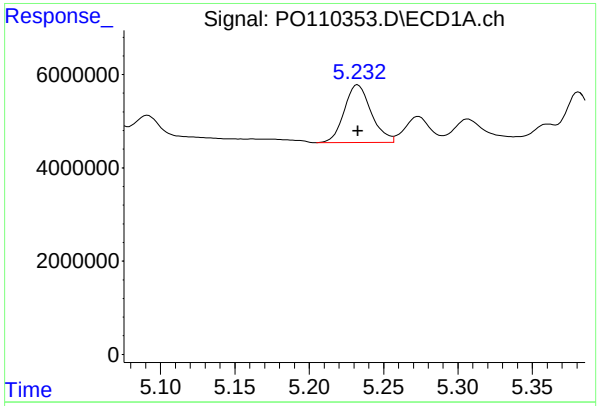
#6 AR-1016-4

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 13549991
Conc: 54.38 ng/ml



#6 AR-1016-4

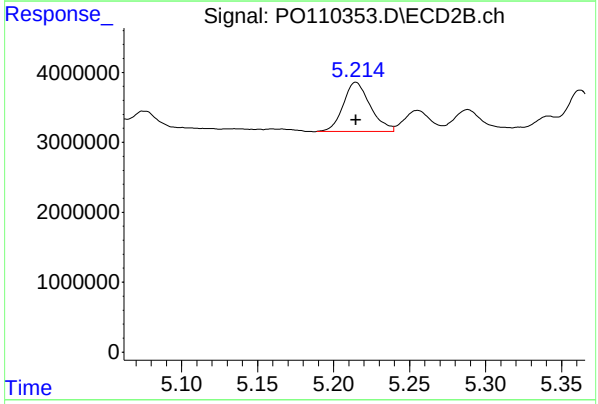
R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 6527964
Conc: 57.08 ng/ml



#7 AR-1016-5

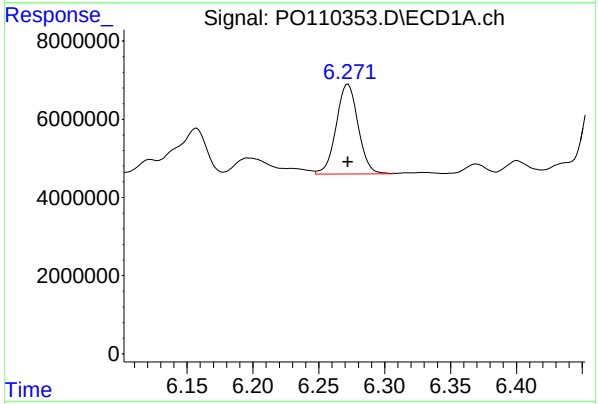
R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 15589904
Conc: 57.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



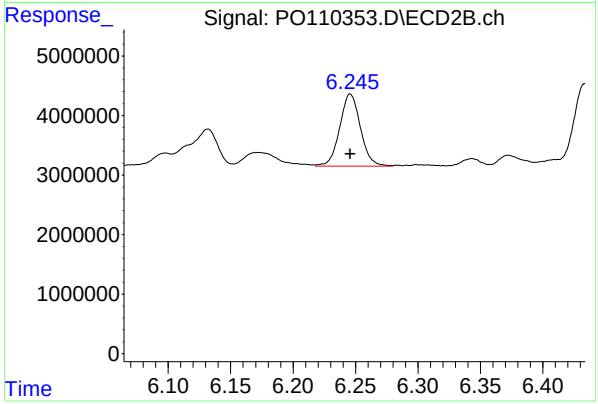
#7 AR-1016-5

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 8732807
Conc: 58.58 ng/ml



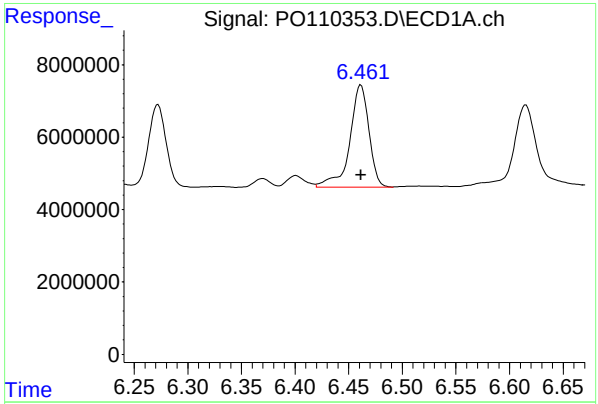
#31 AR-1260-1

R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 26614614
Conc: 56.33 ng/ml



#31 AR-1260-1

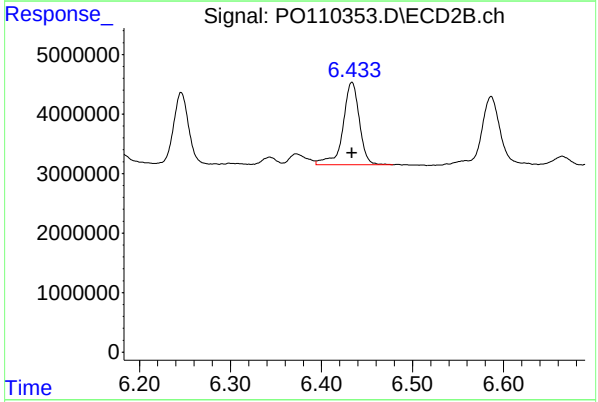
R.T.: 6.246 min
Delta R.T.: 0.000 min
Response: 13981013
Conc: 56.84 ng/ml



#32 AR-1260-2

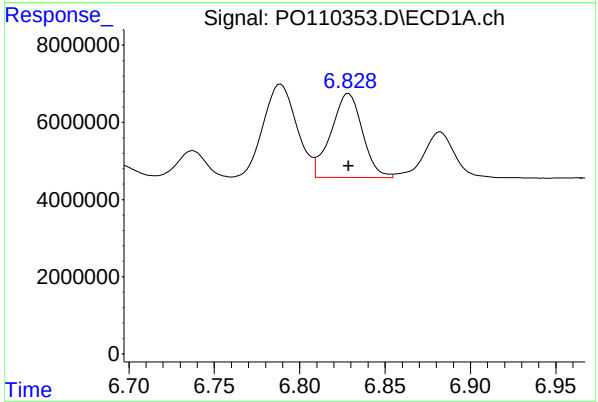
R.T.: 6.461 min
Delta R.T.: 0.000 min
Response: 35159753
Conc: 59.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



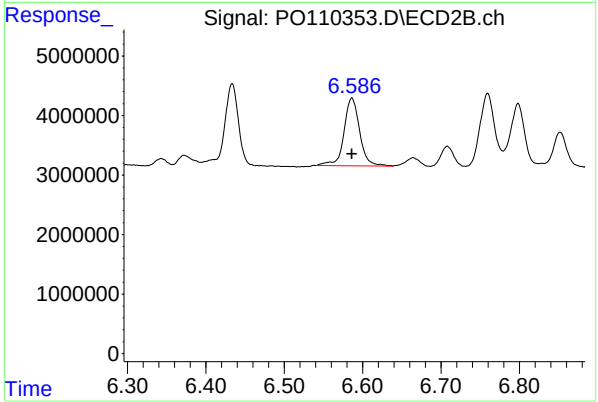
#32 AR-1260-2

R.T.: 6.433 min
Delta R.T.: 0.000 min
Response: 17340702
Conc: 59.44 ng/ml



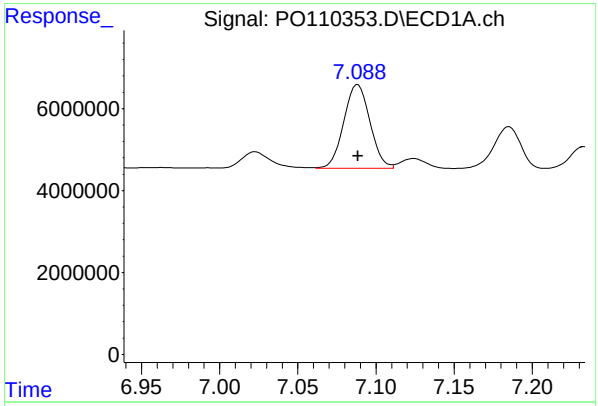
#33 AR-1260-3

R.T.: 6.829 min
Delta R.T.: 0.000 min
Response: 27896623
Conc: 56.60 ng/ml



#33 AR-1260-3

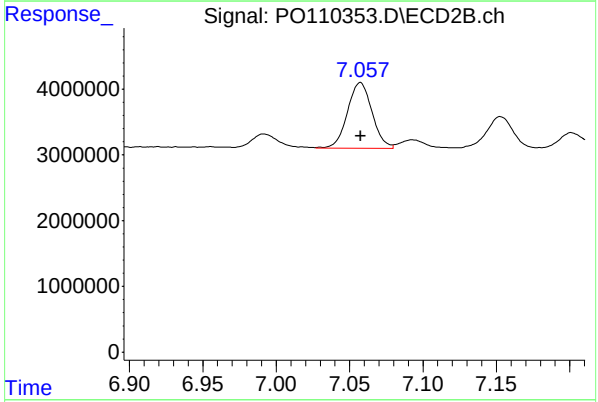
R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 15884287
Conc: 58.64 ng/ml



#34 AR-1260-4

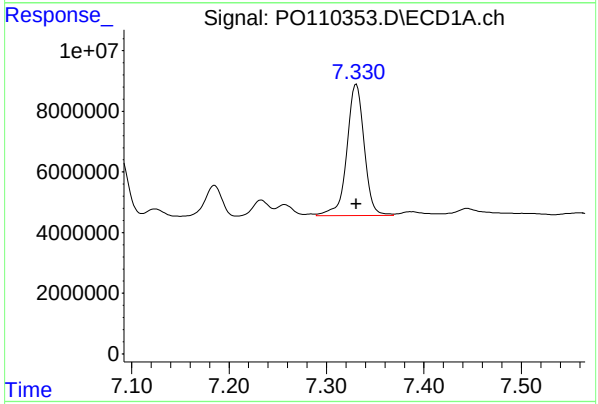
R.T.: 7.088 min
Delta R.T.: 0.000 min
Response: 23828498
Conc: 56.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



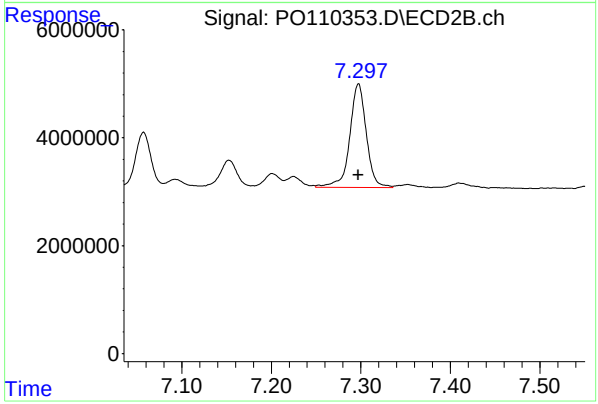
#34 AR-1260-4

R.T.: 7.057 min
Delta R.T.: 0.000 min
Response: 11617411
Conc: 57.90 ng/ml



#35 AR-1260-5

R.T.: 7.331 min
Delta R.T.: 0.000 min
Response: 53567336
Conc: 51.34 ng/ml



#35 AR-1260-5

R.T.: 7.297 min
Delta R.T.: 0.000 min
Response: 24854158
Conc: 54.17 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110354.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 11:08
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: Apr 10 11:55:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 11:55:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.688	3.685	417.4E6	233.4E6	50.000	50.000
2)	SA Decachlor...	8.732	8.684	379.4E6	91675770	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	3.901	3.895	59017332	33386157	500.000	500.000
9)	L2 AR-1221-2	3.987	3.981	44171792	25048140	500.000	500.000
10)	L2 AR-1221-3	4.064	4.057	131.6E6	74585161	500.000	500.000

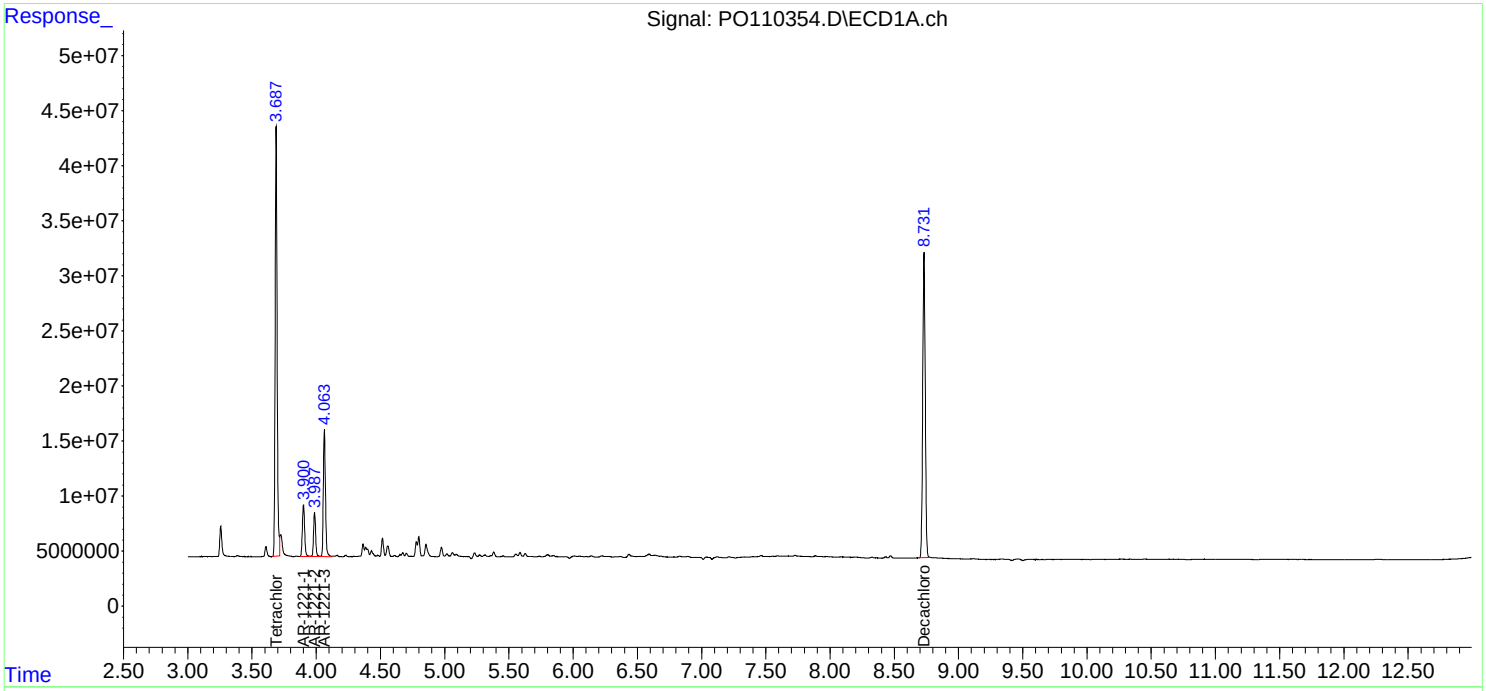
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

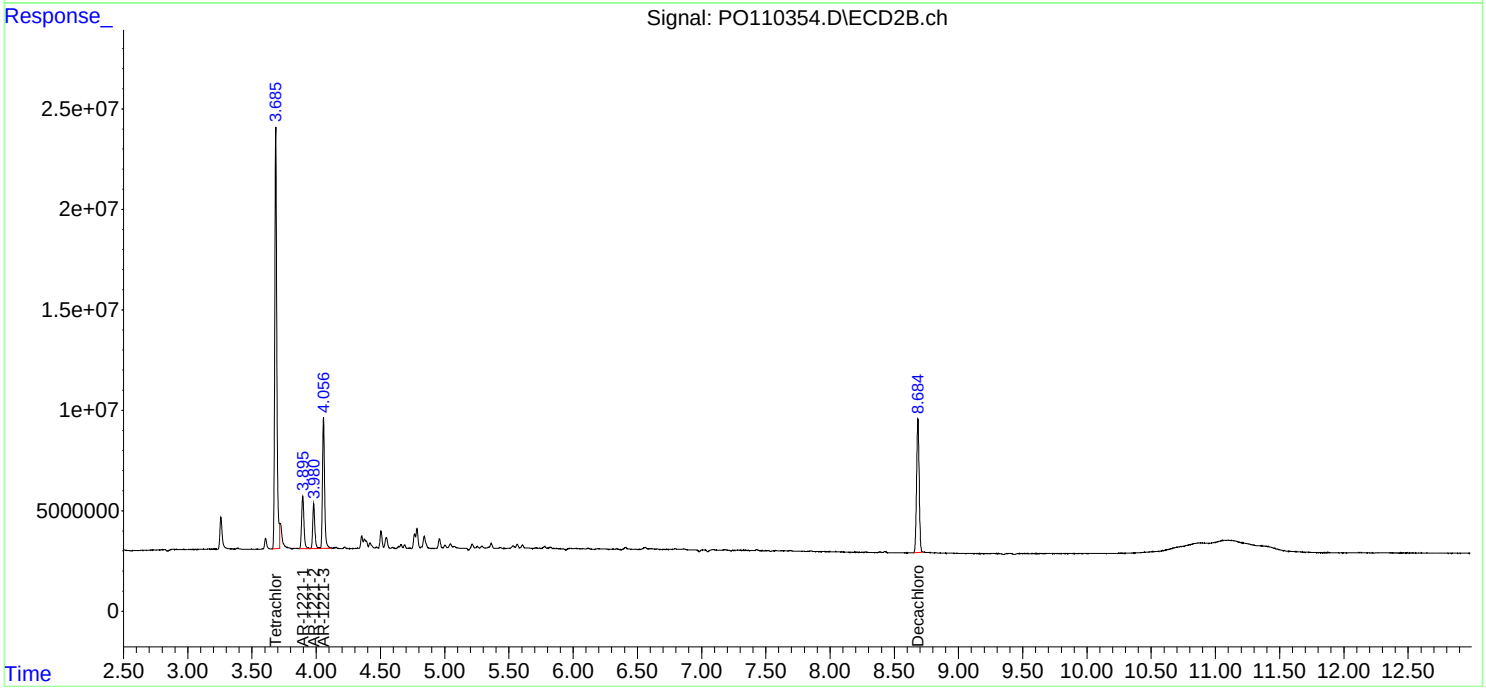
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110354.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 11:08
Operator : YP/AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

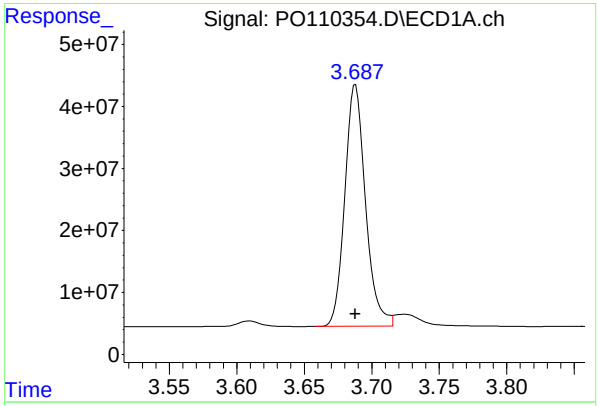
Instrument :
ECD_O
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 11:55:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 11:55:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



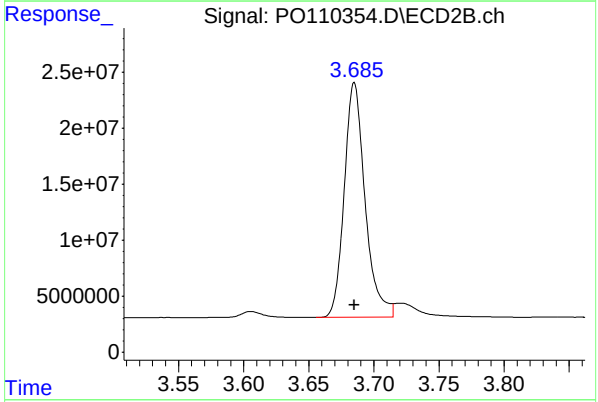




#1 Tetrachloro-m-xylene

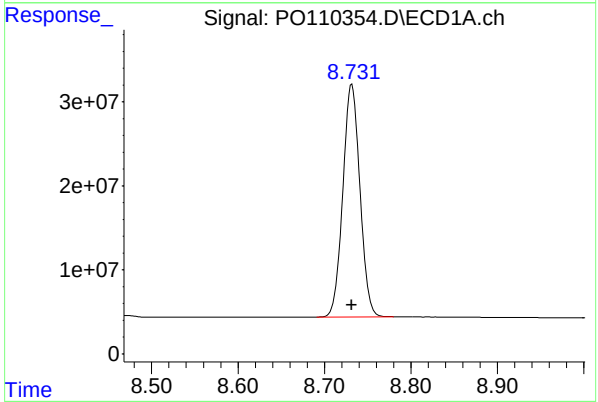
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 417415920
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



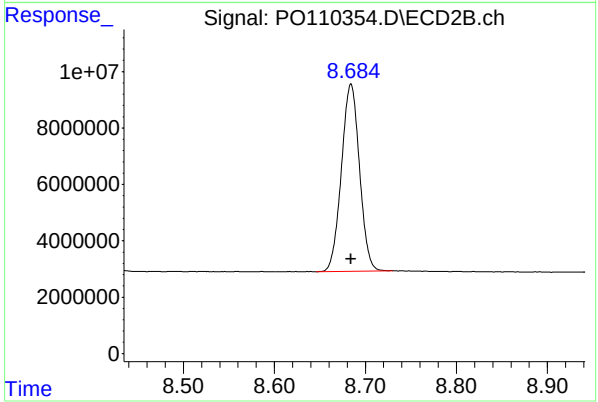
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 233406278
Conc: 50.00 ng/ml



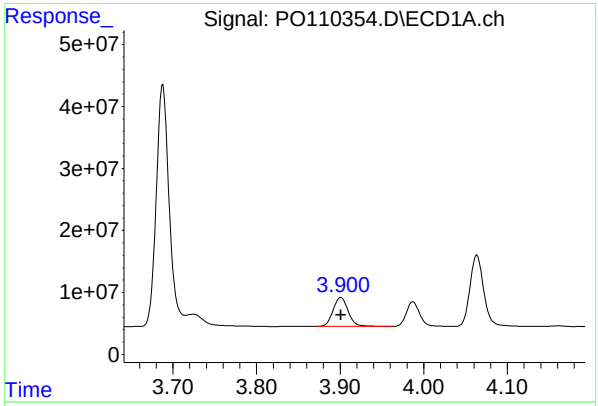
#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 379375296
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

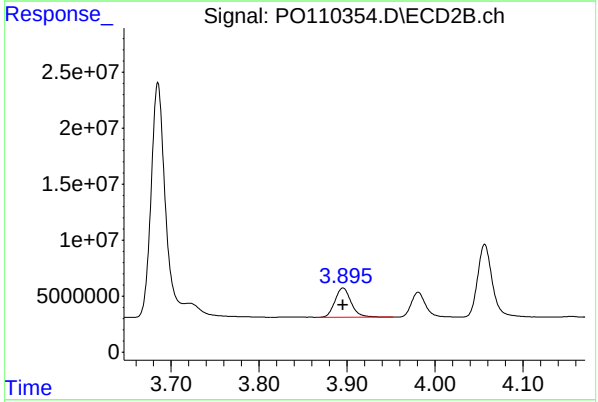
R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 91675770
Conc: 50.00 ng/ml



#8 AR-1221-1

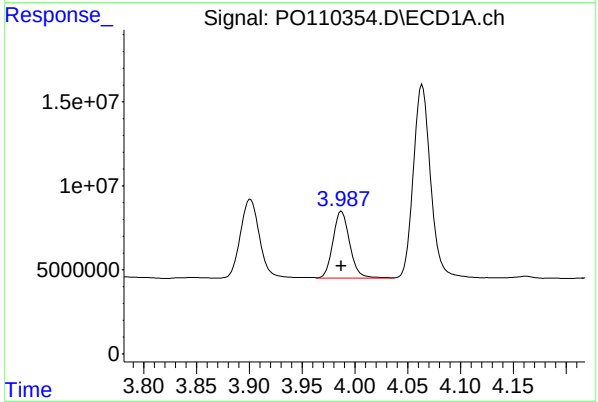
R.T.: 3.901 min
Delta R.T.: 0.000 min
Response: 59017332
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



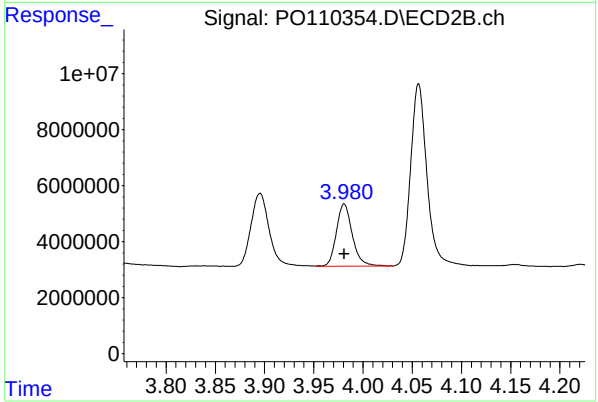
#8 AR-1221-1

R.T.: 3.895 min
Delta R.T.: 0.000 min
Response: 33386157
Conc: 500.00 ng/ml



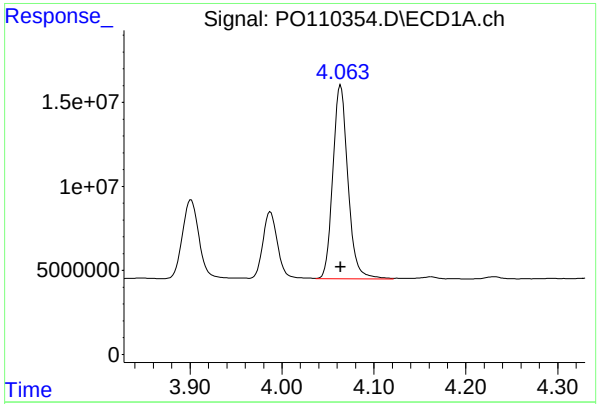
#9 AR-1221-2

R.T.: 3.987 min
Delta R.T.: 0.000 min
Response: 44171792
Conc: 500.00 ng/ml



#9 AR-1221-2

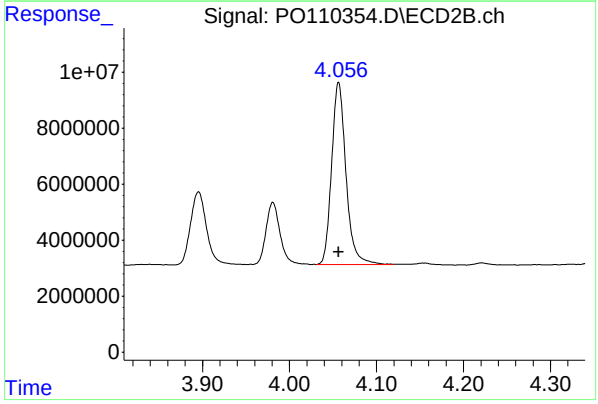
R.T.: 3.981 min
Delta R.T.: 0.000 min
Response: 25048140
Conc: 500.00 ng/ml



#10 AR-1221-3

R.T.: 4.064 min
Delta R.T.: 0.000 min
Response: 131562252
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



#10 AR-1221-3

R.T.: 4.057 min
Delta R.T.: 0.000 min
Response: 74585161
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110355.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 11:26
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: Apr 10 11:58:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 11:55:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.688	3.685	398.8E6	234.5E6	50.000	50.000
2)	SA Decachlor...	8.732	8.684	375.1E6	90279792	50.000	50.000
	Target Compounds						
11)	L3 AR-1232-1	4.063	4.056	102.4E6	57511970	500.000	500.000
12)	L3 AR-1232-2	4.556	4.784	53354286	55434068	500.000	500.000
13)	L3 AR-1232-3	4.798	4.959	99890710	28601554	500.000	500.000
14)	L3 AR-1232-4	4.975	5.044	51149202	26976681	500.000	500.000
15)	L3 AR-1232-5	5.016	5.214	34451183	28567949	500.000	500.000

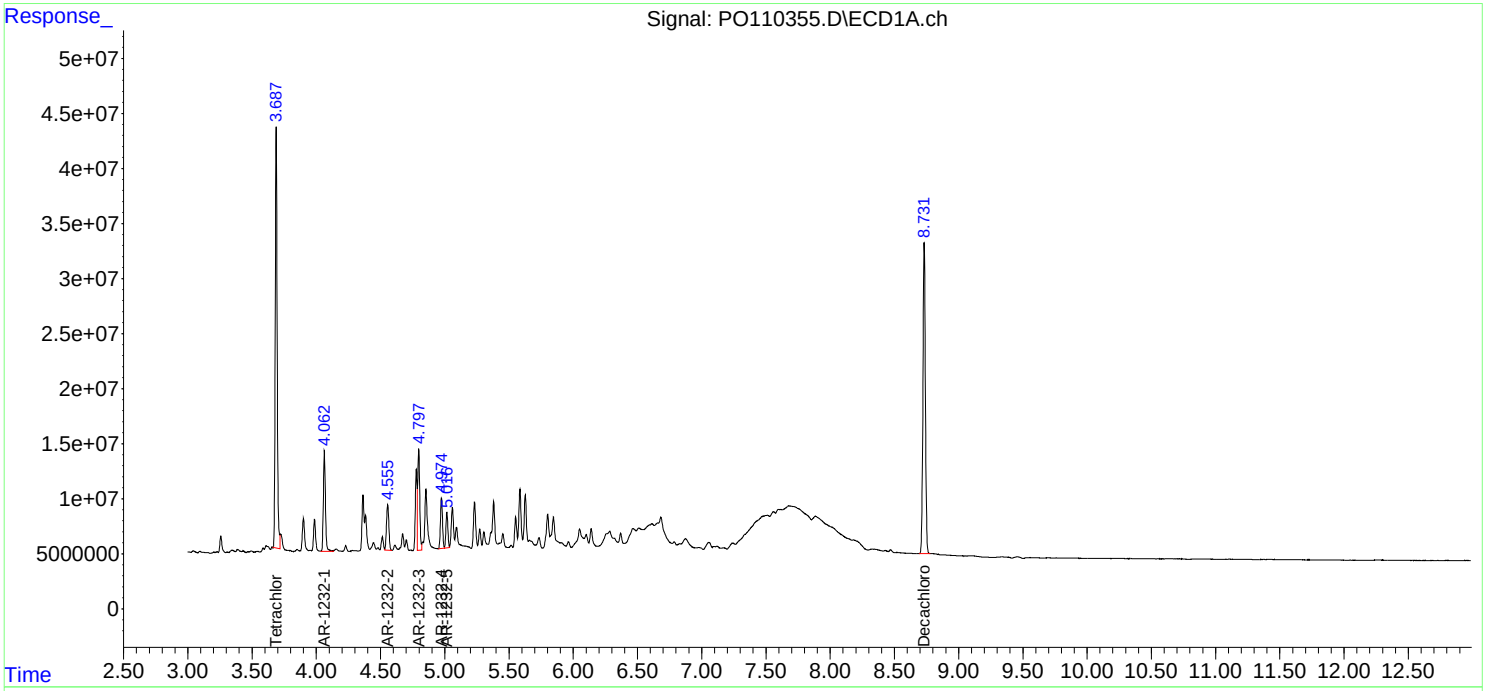
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

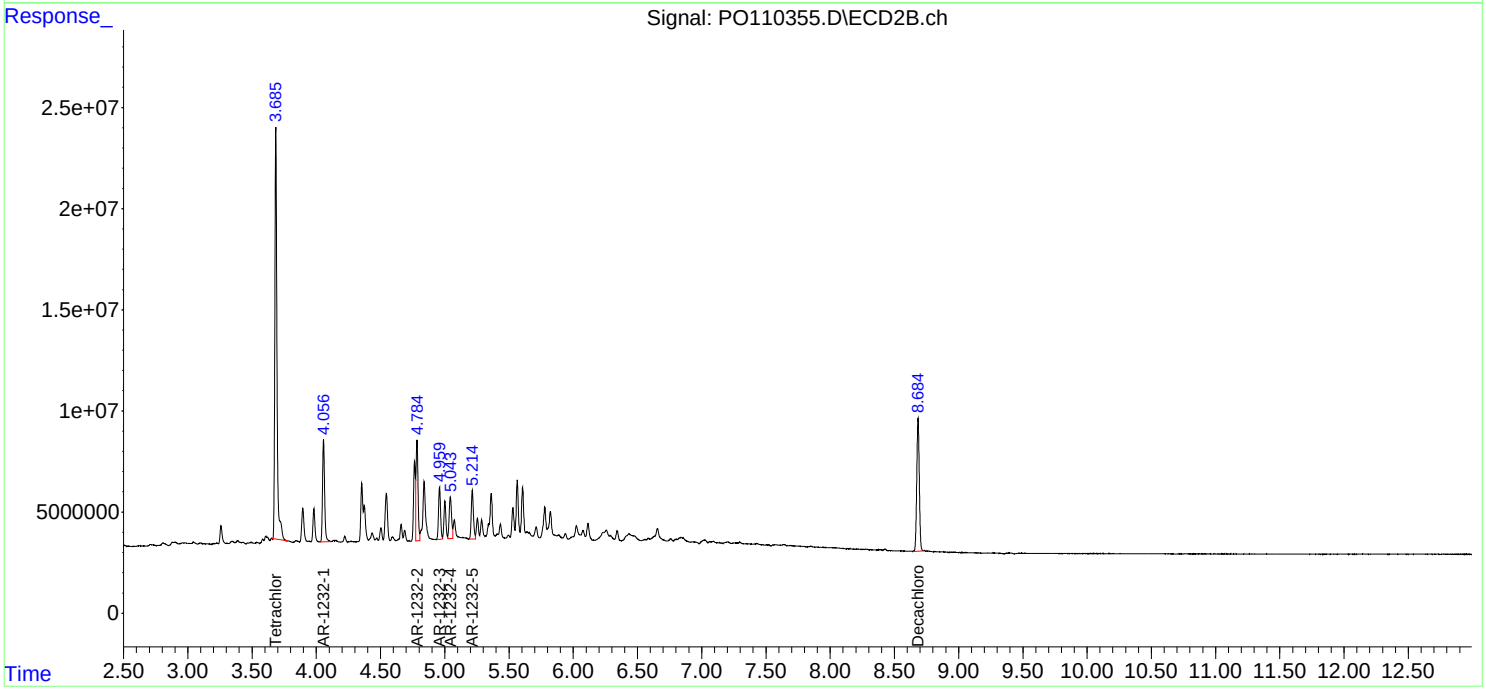
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110355.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 11:26
Operator : YP/AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

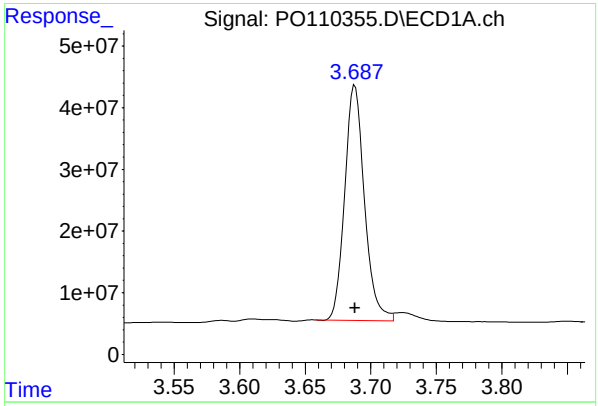
Instrument :
ECD_O
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 11:58:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 11:55:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



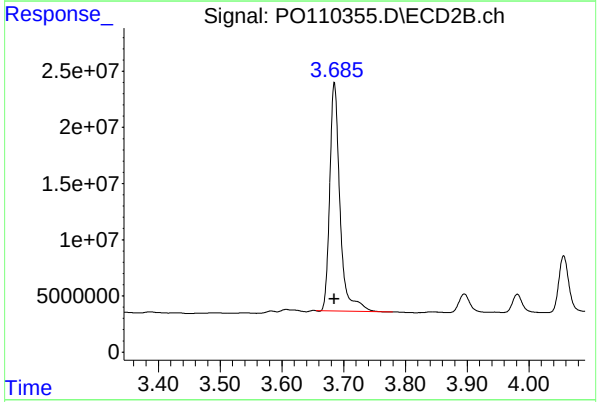




#1 Tetrachloro-m-xylene

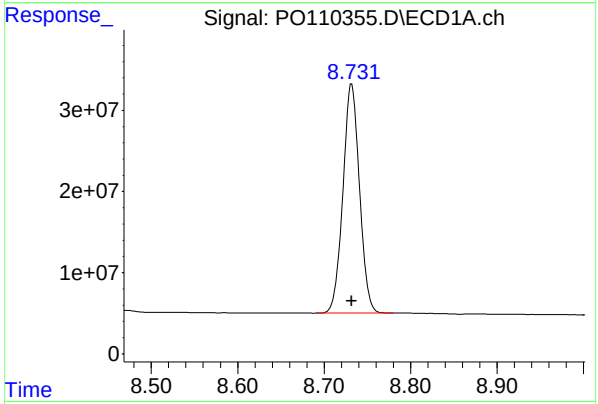
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 398843258
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



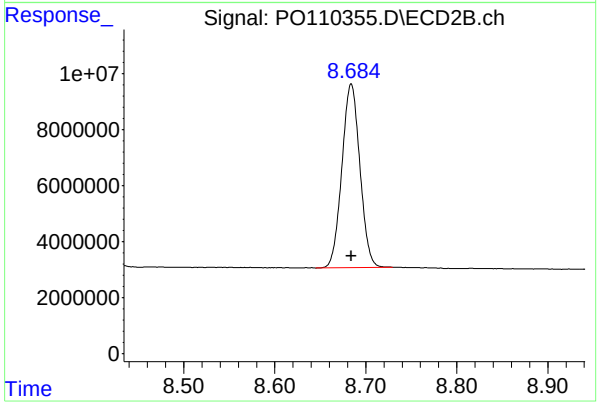
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 234466810
Conc: 50.00 ng/ml



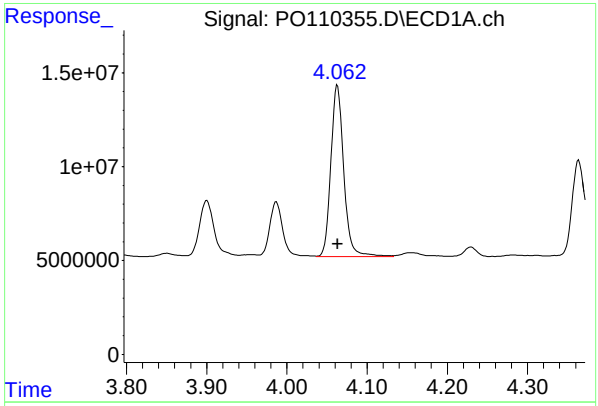
#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 375127785
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

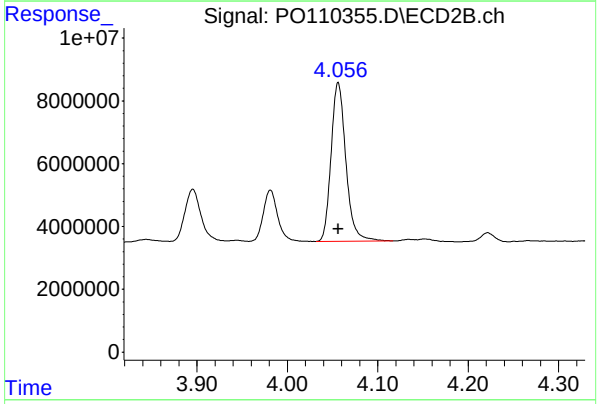
R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 90279792
Conc: 50.00 ng/ml



#11 AR-1232-1

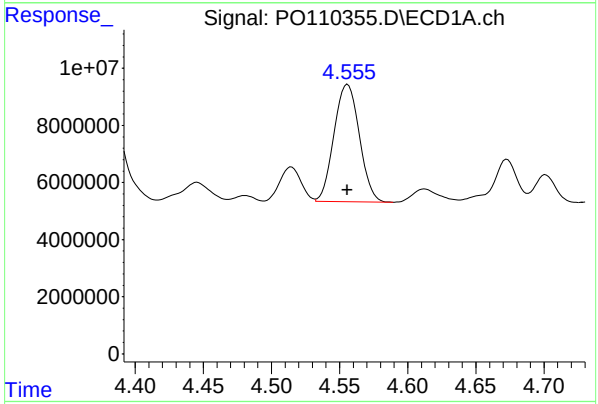
R.T.: 4.063 min
Delta R.T.: 0.000 min
Response: 102411775
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



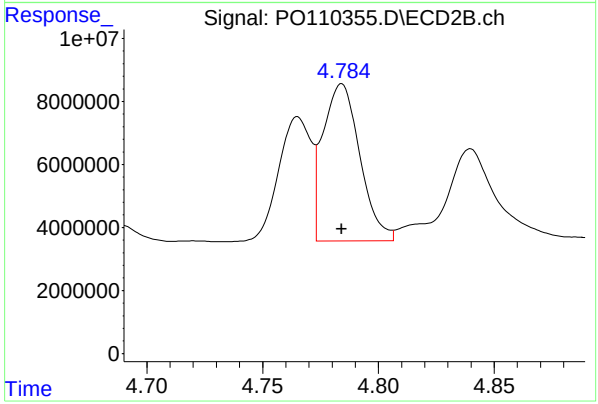
#11 AR-1232-1

R.T.: 4.056 min
Delta R.T.: 0.000 min
Response: 57511970
Conc: 500.00 ng/ml



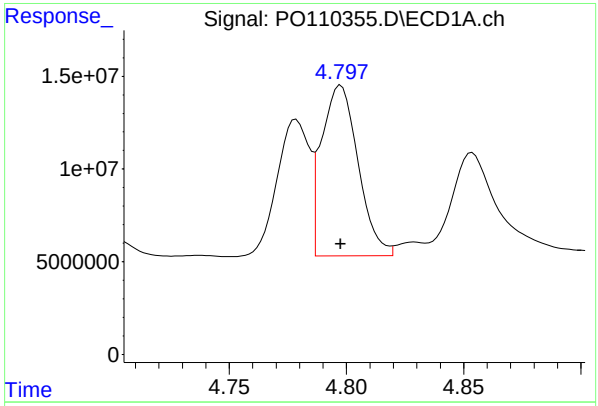
#12 AR-1232-2

R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 53354286
Conc: 500.00 ng/ml



#12 AR-1232-2

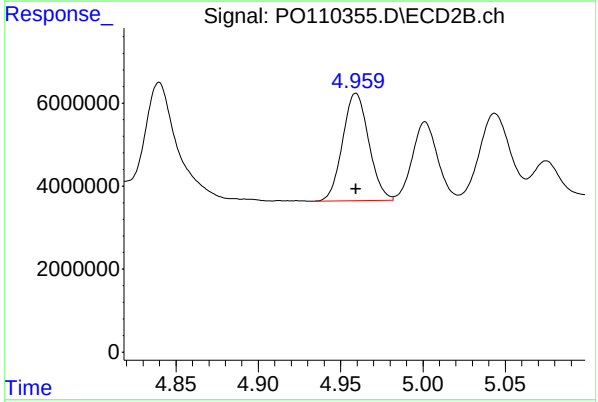
R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 55434068
Conc: 500.00 ng/ml



#13 AR-1232-3

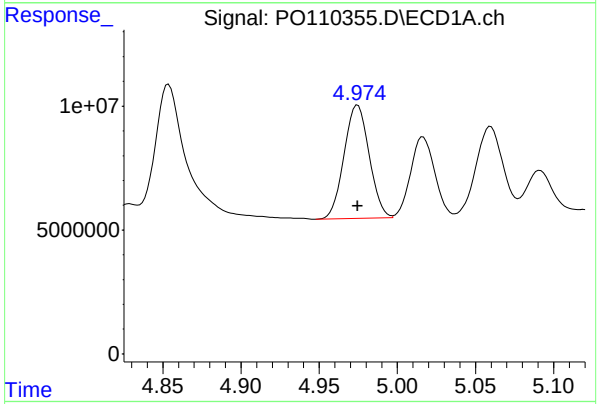
R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 99890710
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



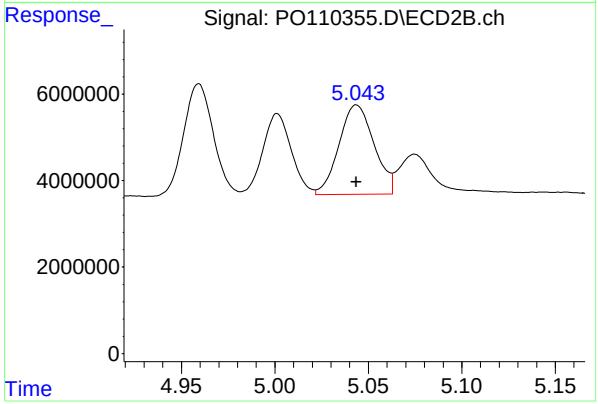
#13 AR-1232-3

R.T.: 4.959 min
Delta R.T.: 0.000 min
Response: 28601554
Conc: 500.00 ng/ml



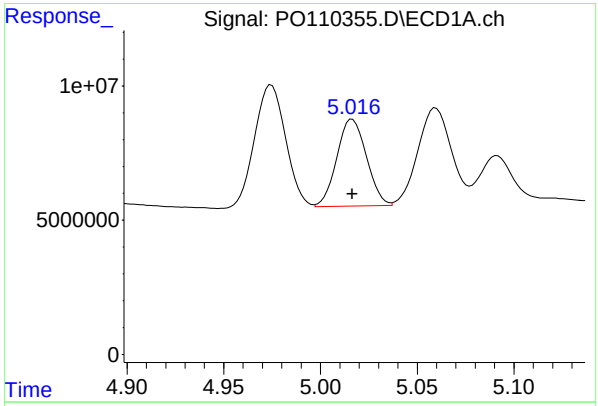
#14 AR-1232-4

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 51149202
Conc: 500.00 ng/ml



#14 AR-1232-4

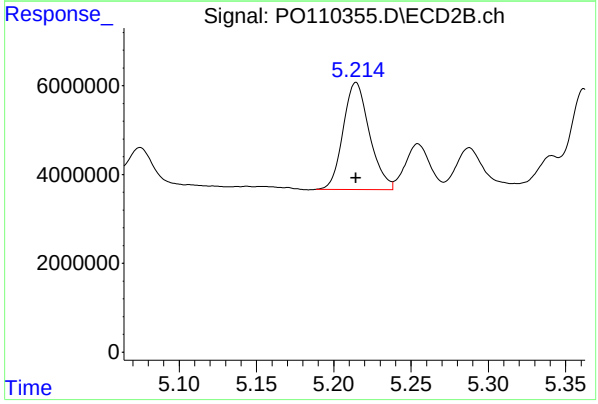
R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 26976681
Conc: 500.00 ng/ml



#15 AR-1232-5

R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 34451183
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



#15 AR-1232-5

R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 28567949
Conc: 500.00 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110356.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 11:44
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: Apr 10 12:34:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 12:31:05 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.688	3.685	827.2E6	466.8E6	96.341	96.381
2)	SA Decachlor...	8.733	8.684	723.7E6	161.9E6	95.968	92.585
	Target Compounds						
16)	L4 AR-1242-1	4.780	4.766	251.4E6	135.4E6	944.813	952.306
17)	L4 AR-1242-2	4.799	4.785	357.5E6	196.0E6	959.280	955.179
18)	L4 AR-1242-3	4.855	4.960	243.8E6	104.3E6	938.223	947.136
19)	L4 AR-1242-4	4.976	5.044	192.5E6	104.2E6	946.796	934.477
20)	L4 AR-1242-5	5.628	5.565	201.5E6	127.6E6	943.266	944.974

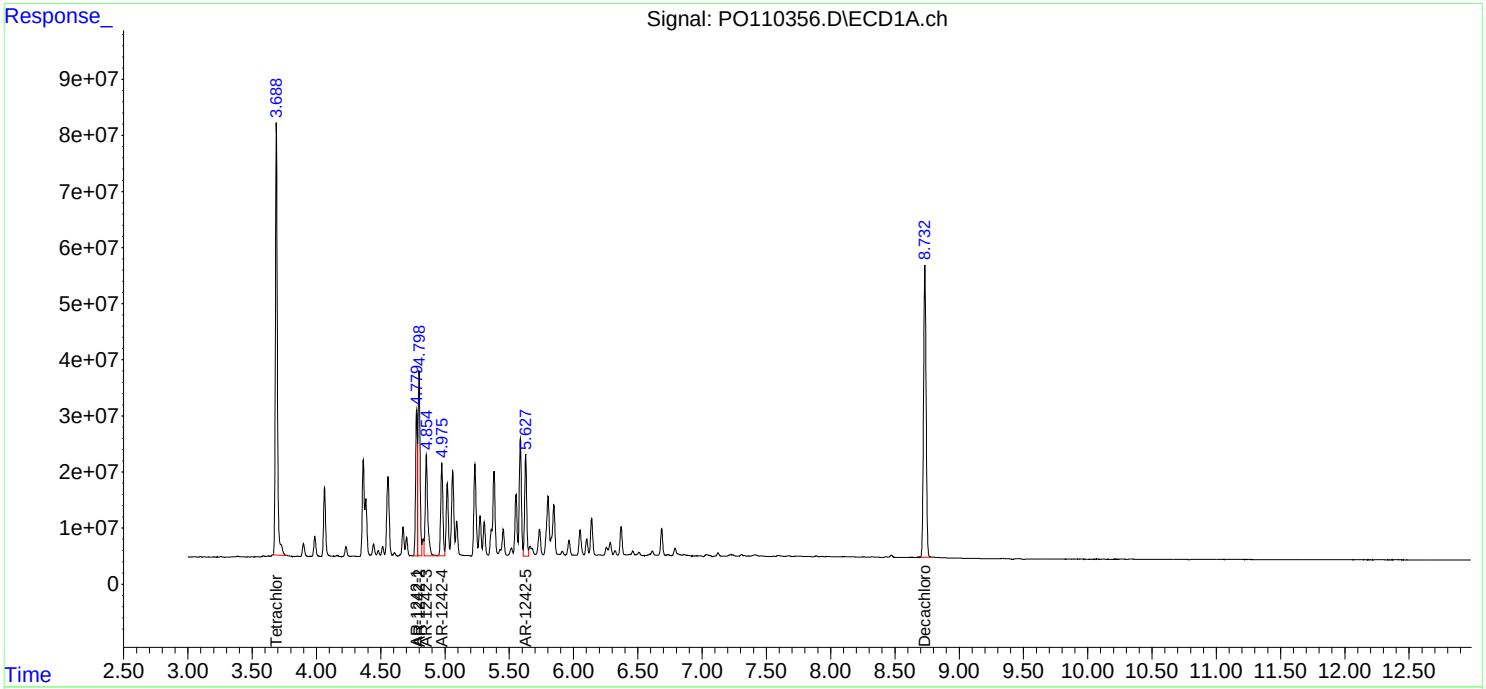
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

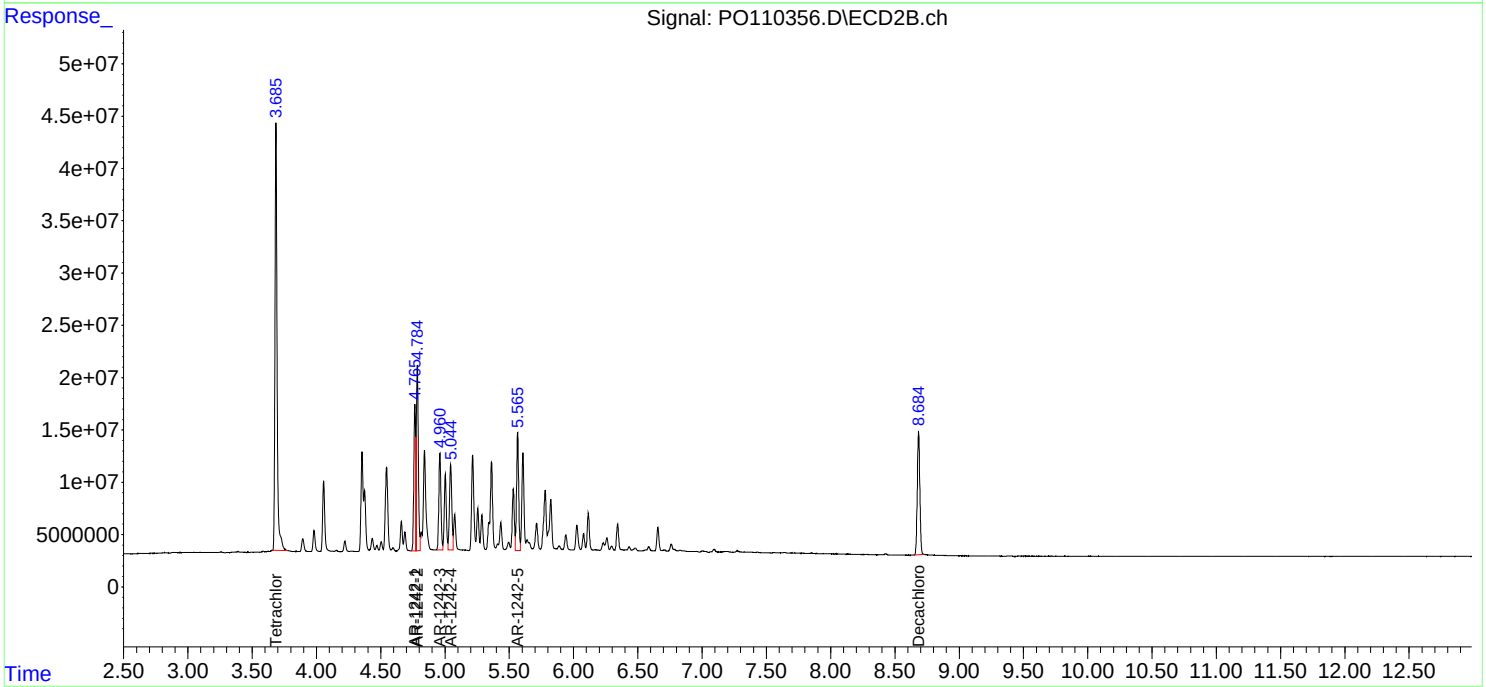
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110356.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 11:44
Operator : YP/AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

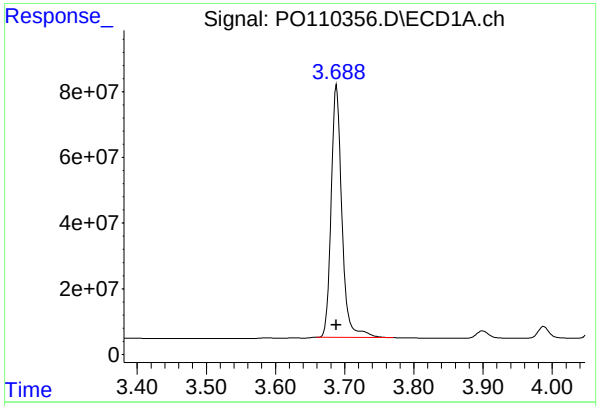
Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 12:34:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 12:31:05 2025
Response via : Initial Calibration
Integrator: ChemStation

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



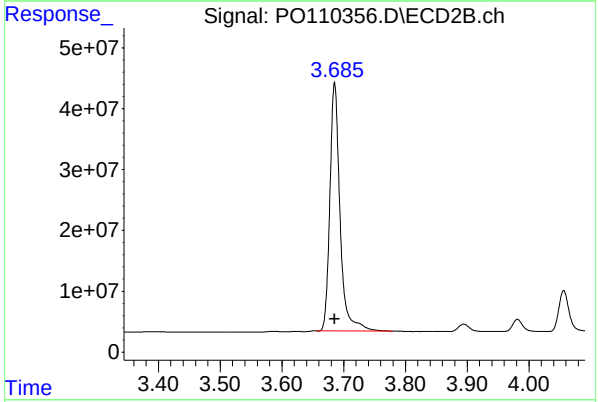




#1 Tetrachloro-m-xylene

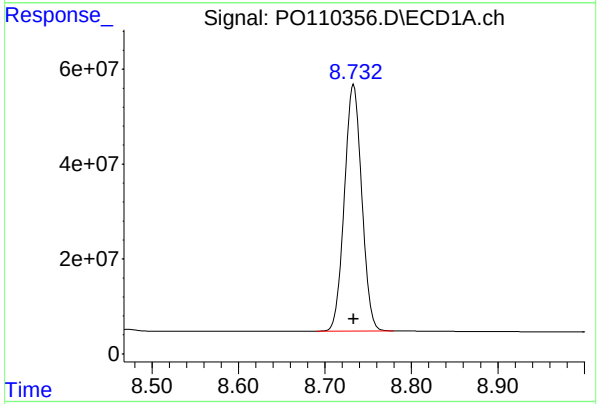
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 827152171
Conc: 96.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



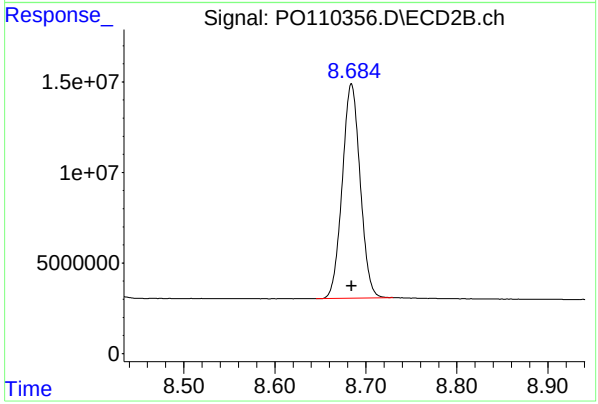
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 466802602
Conc: 96.38 ng/ml



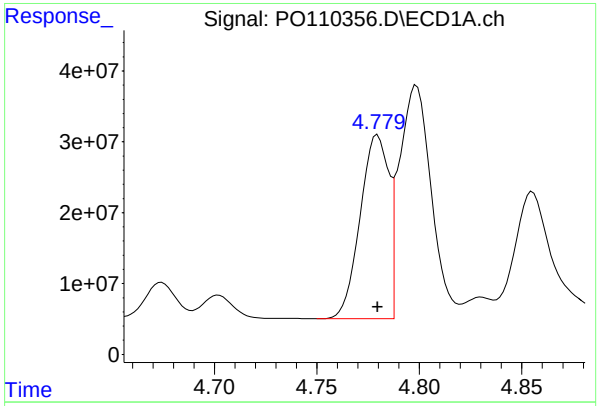
#2 Decachlorobiphenyl

R.T.: 8.733 min
Delta R.T.: 0.000 min
Response: 723668193
Conc: 95.97 ng/ml



#2 Decachlorobiphenyl

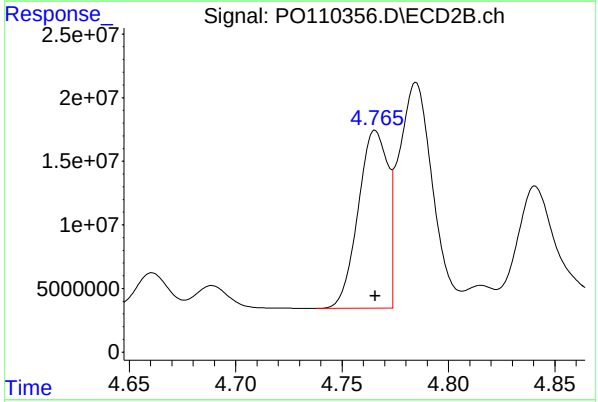
R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 161857670
Conc: 92.58 ng/ml



#16 AR-1242-1

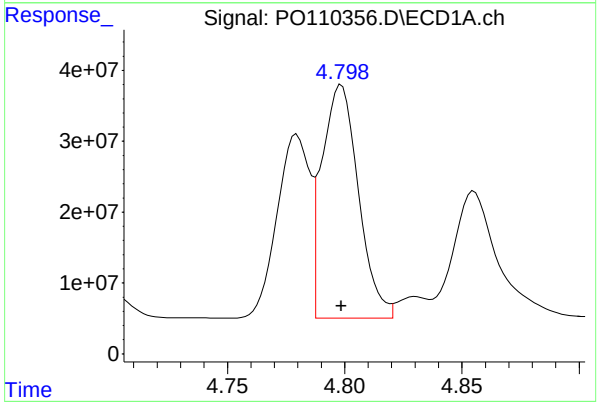
R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 251425090
Conc: 944.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



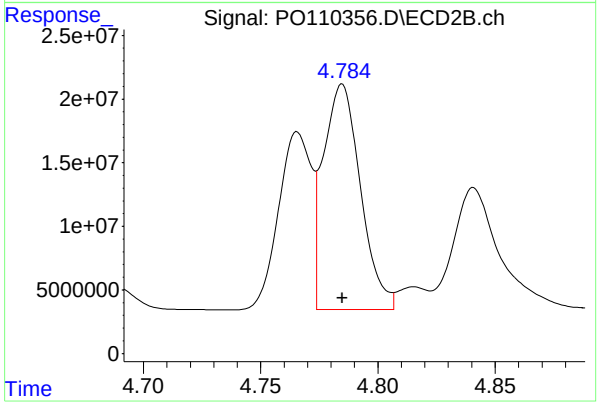
#16 AR-1242-1

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 135406625
Conc: 952.31 ng/ml



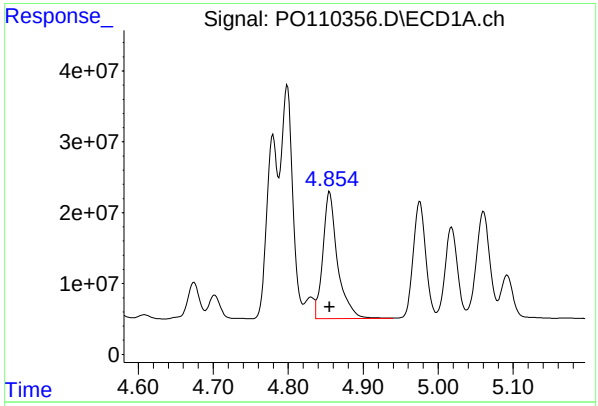
#17 AR-1242-2

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 357466275
Conc: 959.28 ng/ml



#17 AR-1242-2

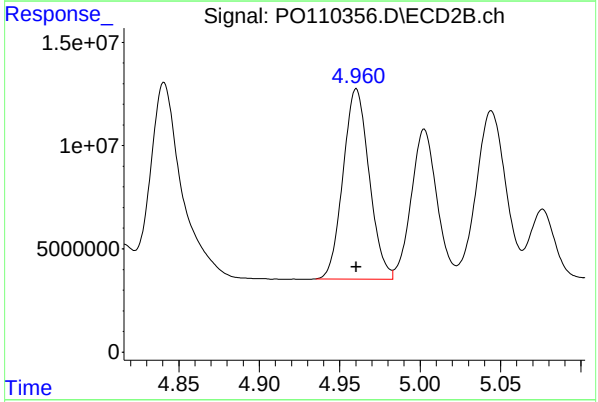
R.T.: 4.785 min
Delta R.T.: 0.000 min
Response: 196039746
Conc: 955.18 ng/ml



#18 AR-1242-3

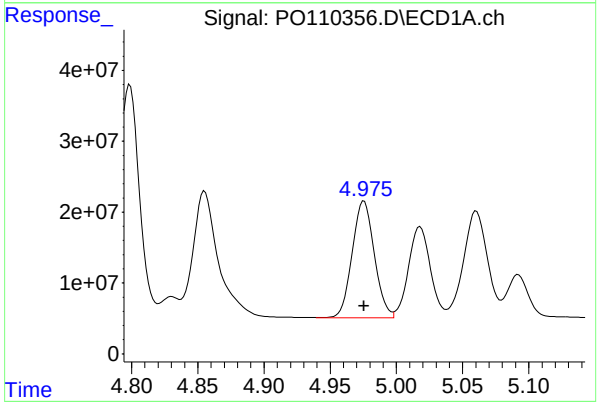
R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 243771373
Conc: 938.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



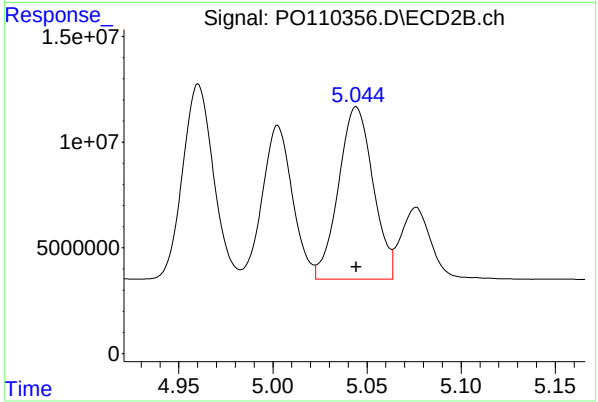
#18 AR-1242-3

R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 104255216
Conc: 947.14 ng/ml



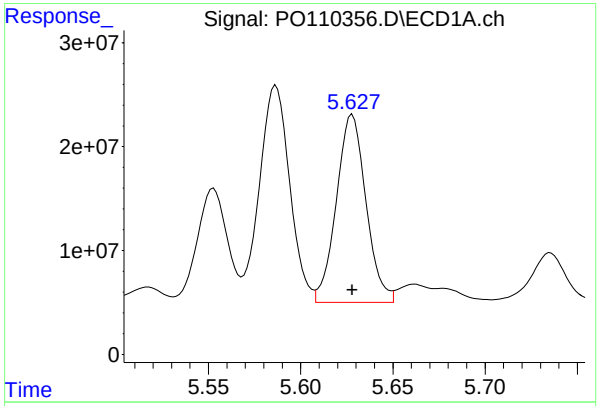
#19 AR-1242-4

R.T.: 4.976 min
Delta R.T.: 0.000 min
Response: 192501706
Conc: 946.80 ng/ml



#19 AR-1242-4

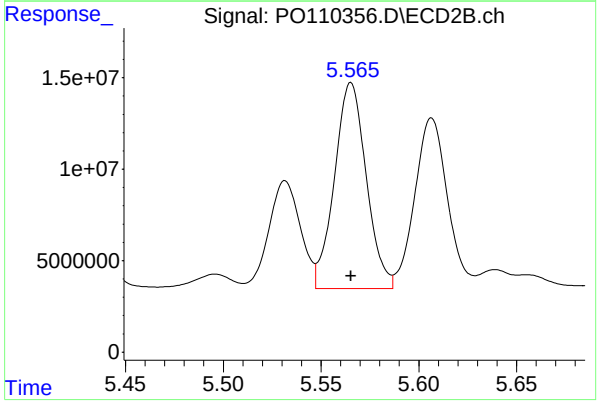
R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 104208953
Conc: 934.48 ng/ml



#20 AR-1242-5

R.T.: 5.628 min
Delta R.T.: 0.000 min
Response: 201519138
Conc: 943.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



#20 AR-1242-5

R.T.: 5.565 min
Delta R.T.: 0.000 min
Response: 127551049
Conc: 944.97 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110357.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 12:03
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: Apr 10 12:36:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 12:31:05 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.688	3.685	658.2E6	370.5E6	76.100	75.993
2)	SA Decachlor...	8.733	8.684	567.8E6	132.4E6	75.200	75.507
	Target Compounds						
16)	L4 AR-1242-1	4.780	4.766	198.9E6	107.1E6	748.410	752.372
17)	L4 AR-1242-2	4.798	4.785	286.0E6	156.3E6	761.574	757.700
18)	L4 AR-1242-3	4.855	4.960	217.2E6	83520623	805.293	755.822
19)	L4 AR-1242-4	4.975	5.045	154.0E6	84537972	754.983	755.368
20)	L4 AR-1242-5	5.627	5.565	161.1E6	102.1E6	752.686	754.354

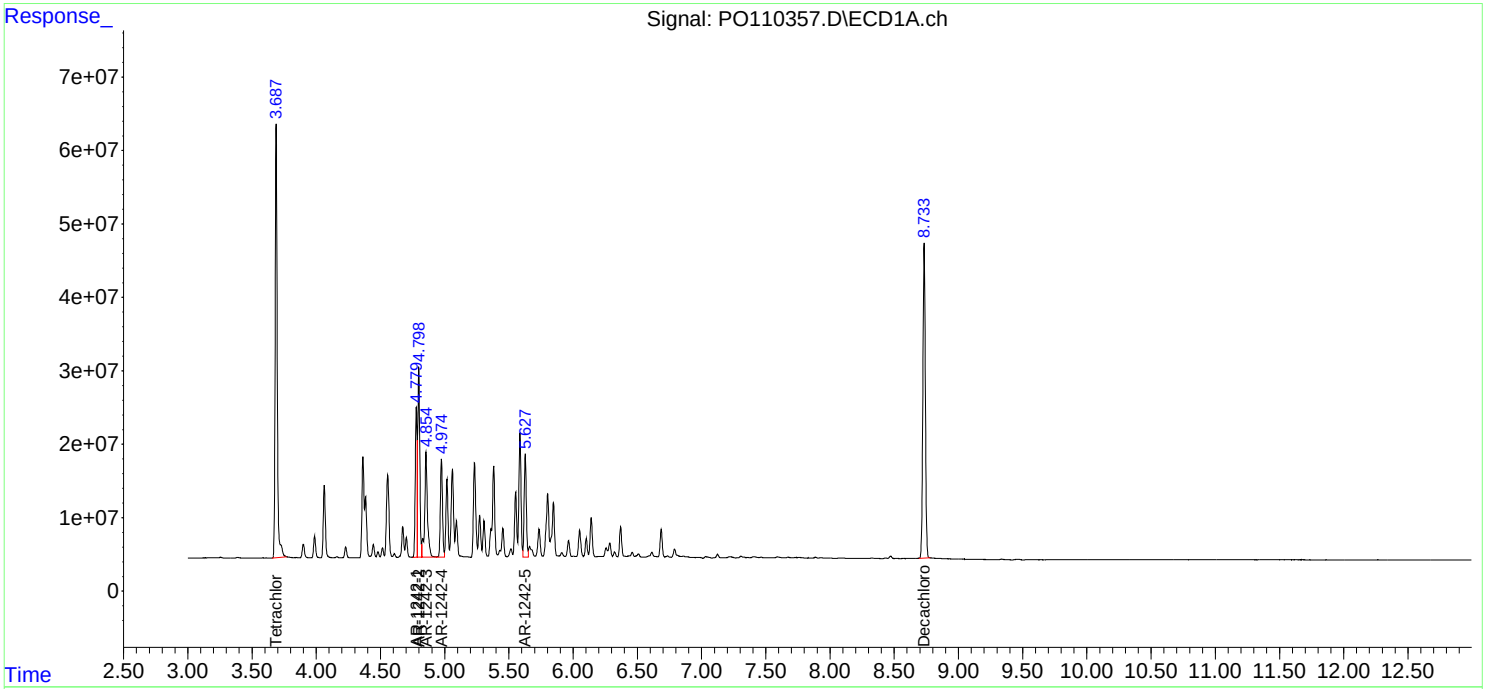
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

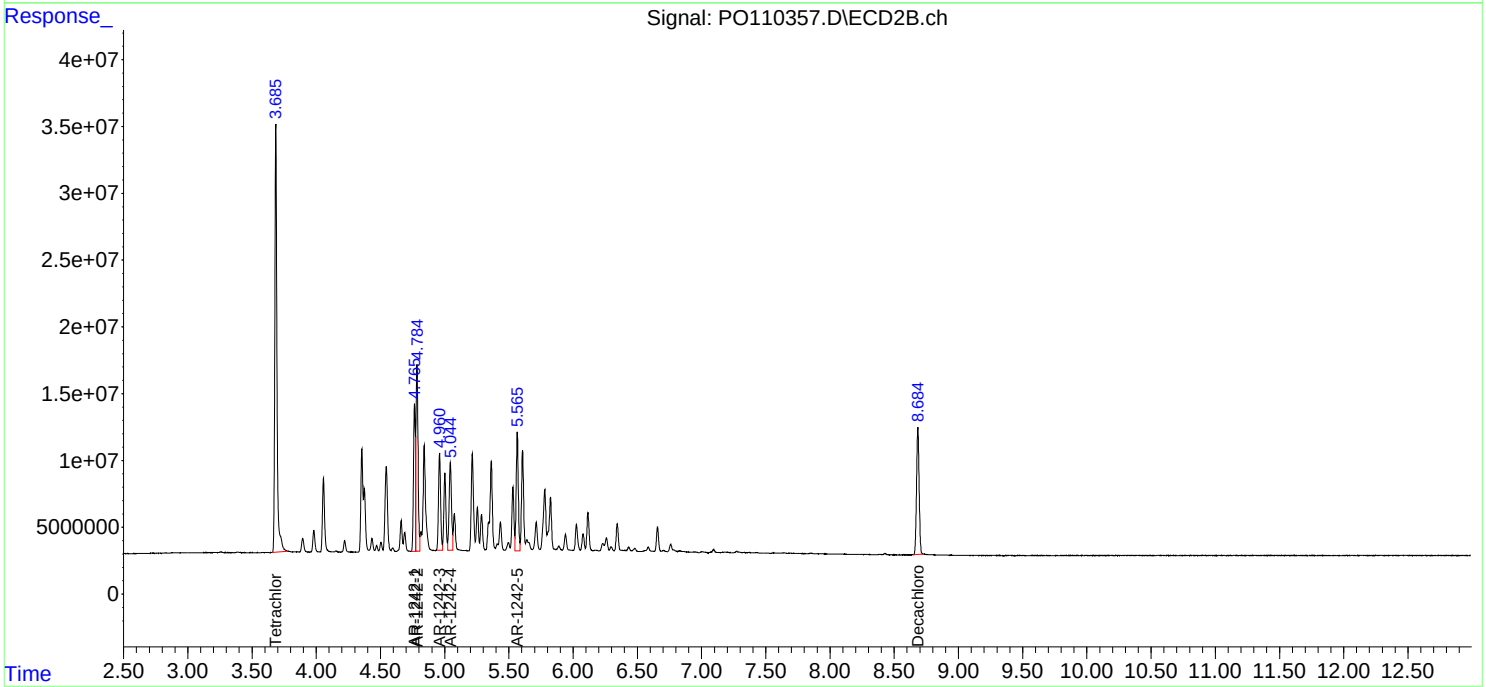
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110357.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 12:03
Operator : YP/AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

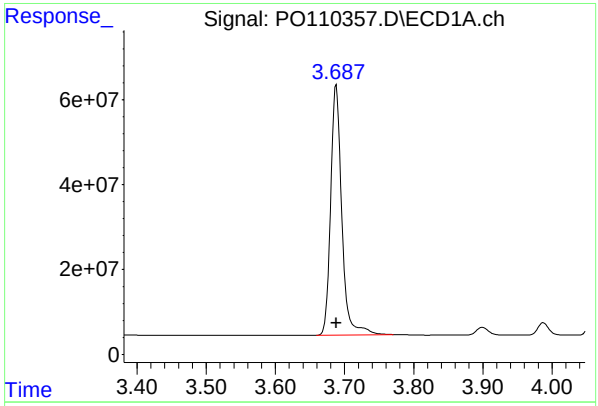
Instrument :
ECD_O
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 12:36:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 12:31:05 2025
Response via : Initial Calibration
Integrator: ChemStation

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



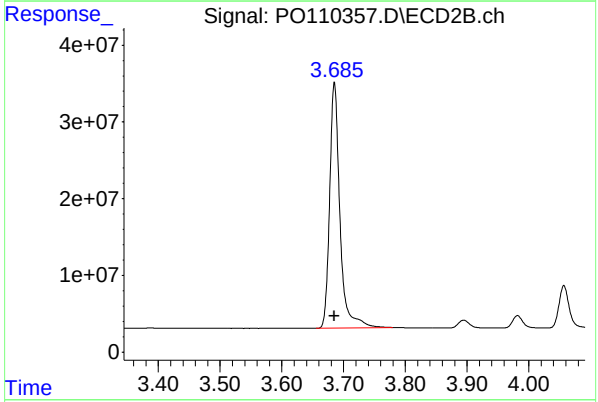




#1 Tetrachloro-m-xylene

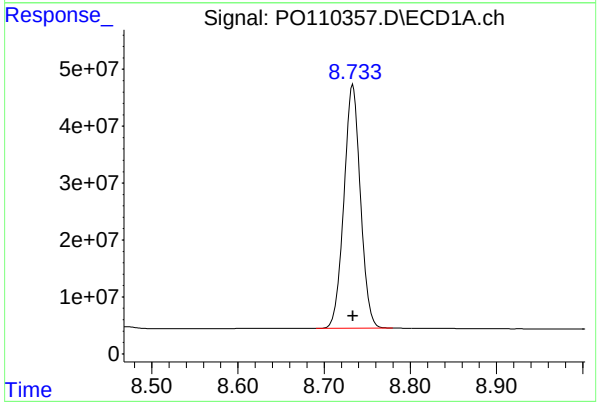
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 658203968
Conc: 76.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



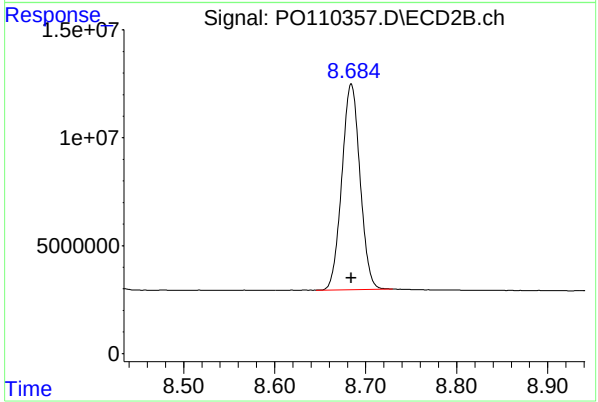
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 370506533
Conc: 75.99 ng/ml



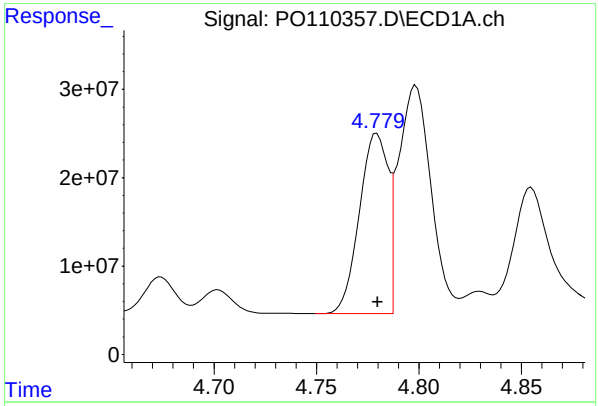
#2 Decachlorobiphenyl

R.T.: 8.733 min
Delta R.T.: 0.000 min
Response: 567817183
Conc: 75.20 ng/ml



#2 Decachlorobiphenyl

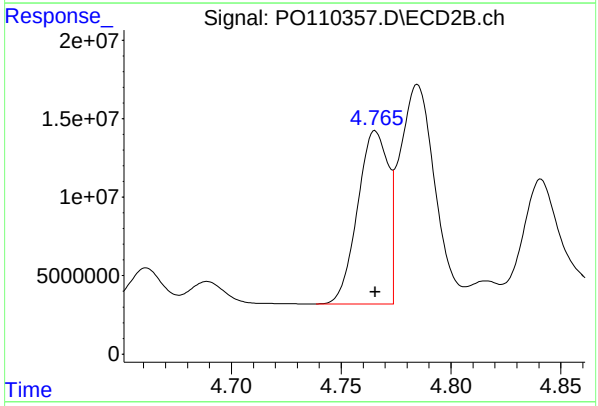
R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 132448865
Conc: 75.51 ng/ml



#16 AR-1242-1

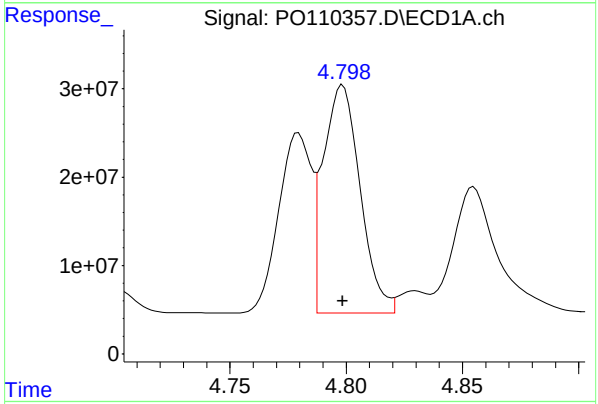
R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 198949228
Conc: 748.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



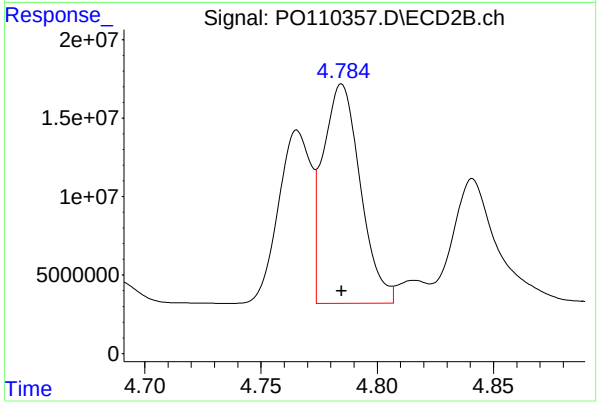
#16 AR-1242-1

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 107147844
Conc: 752.37 ng/ml



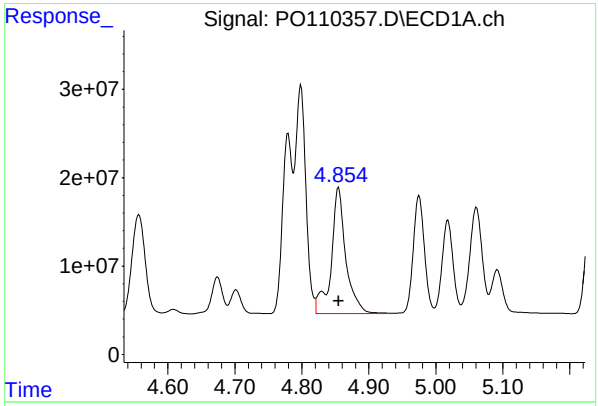
#17 AR-1242-2

R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 285999640
Conc: 761.57 ng/ml



#17 AR-1242-2

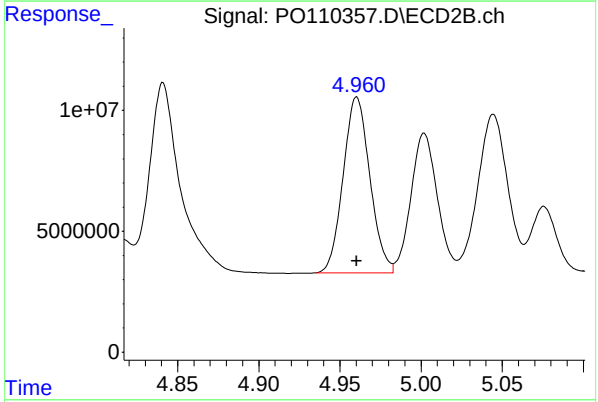
R.T.: 4.785 min
Delta R.T.: 0.000 min
Response: 156311902
Conc: 757.70 ng/ml



#18 AR-1242-3

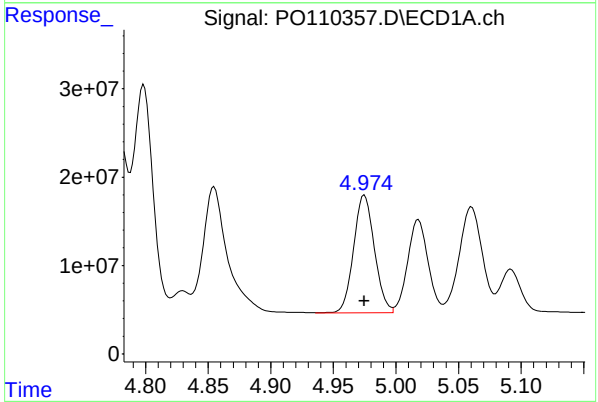
R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 217241363
Conc: 805.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



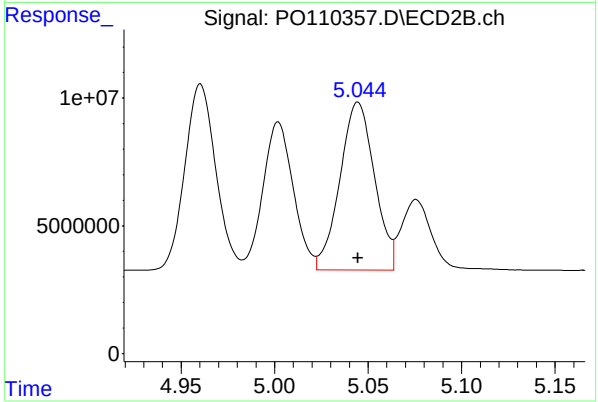
#18 AR-1242-3

R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 83520623
Conc: 755.82 ng/ml



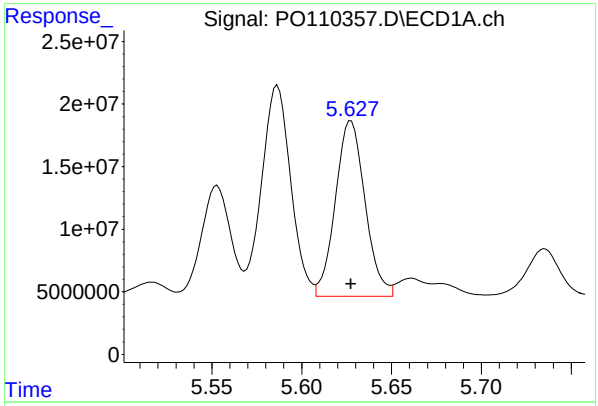
#19 AR-1242-4

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 154014183
Conc: 754.98 ng/ml



#19 AR-1242-4

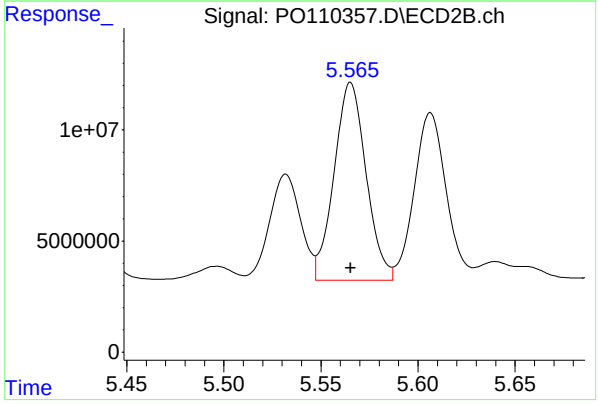
R.T.: 5.045 min
Delta R.T.: 0.000 min
Response: 84537972
Conc: 755.37 ng/ml



#20 AR-1242-5

R.T.: 5.627 min
Delta R.T.: 0.000 min
Response: 161092202
Conc: 752.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



#20 AR-1242-5

R.T.: 5.565 min
Delta R.T.: 0.000 min
Response: 102118034
Conc: 754.35 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110358.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 12:21
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: Apr 10 12:31:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 12:31:05 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.687	3.684	445.0E6	250.9E6	50.000	50.000
2)	SA Decachlor...	8.732	8.683	392.2E6	93891957	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	4.779	4.765	140.4E6	74484875	500.000	500.000
17)	L4 AR-1242-2	4.798	4.783	193.9E6	107.2E6	500.000	500.000
18)	L4 AR-1242-3	4.855	4.959	137.9E6	57946521	500.000	500.000
19)	L4 AR-1242-4	4.975	5.044	107.1E6	59411329	500.000	500.000
20)	L4 AR-1242-5	5.628	5.564	112.9E6	71202904	500.000	500.000

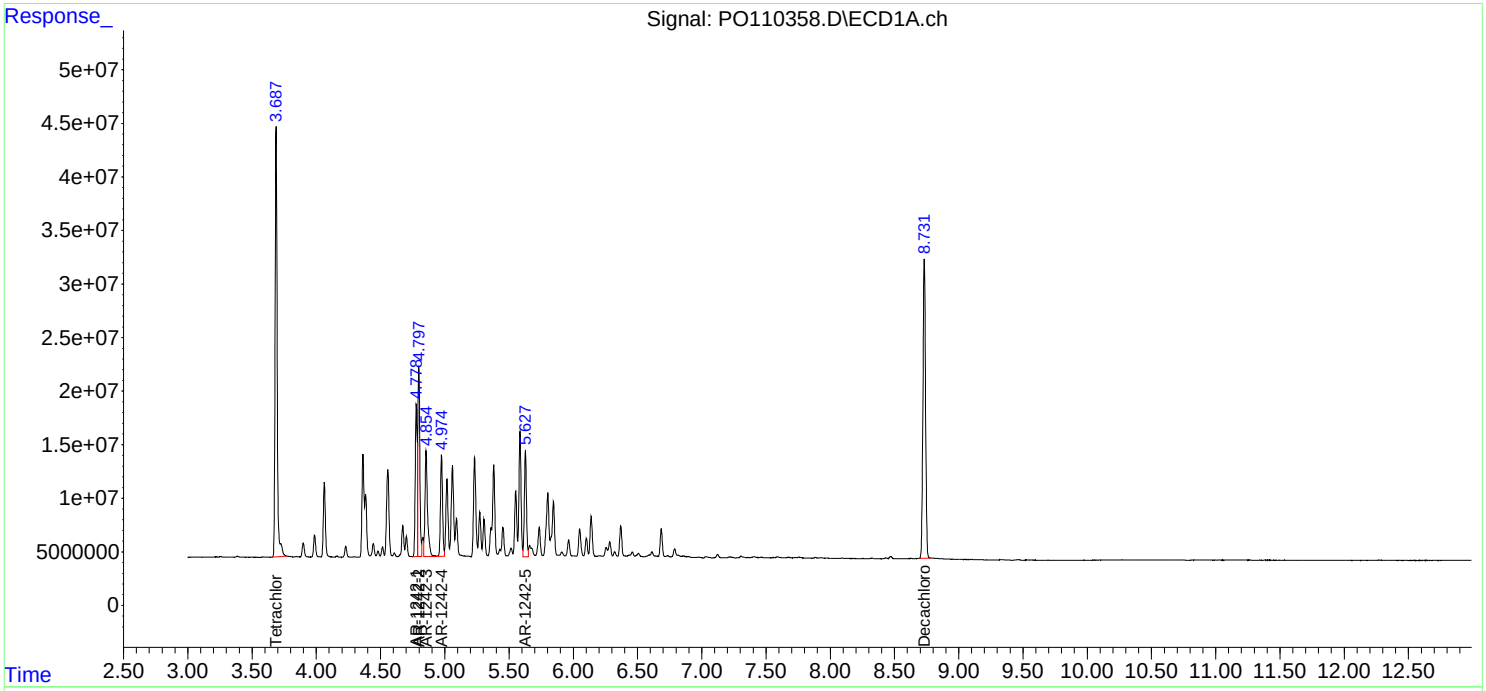
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

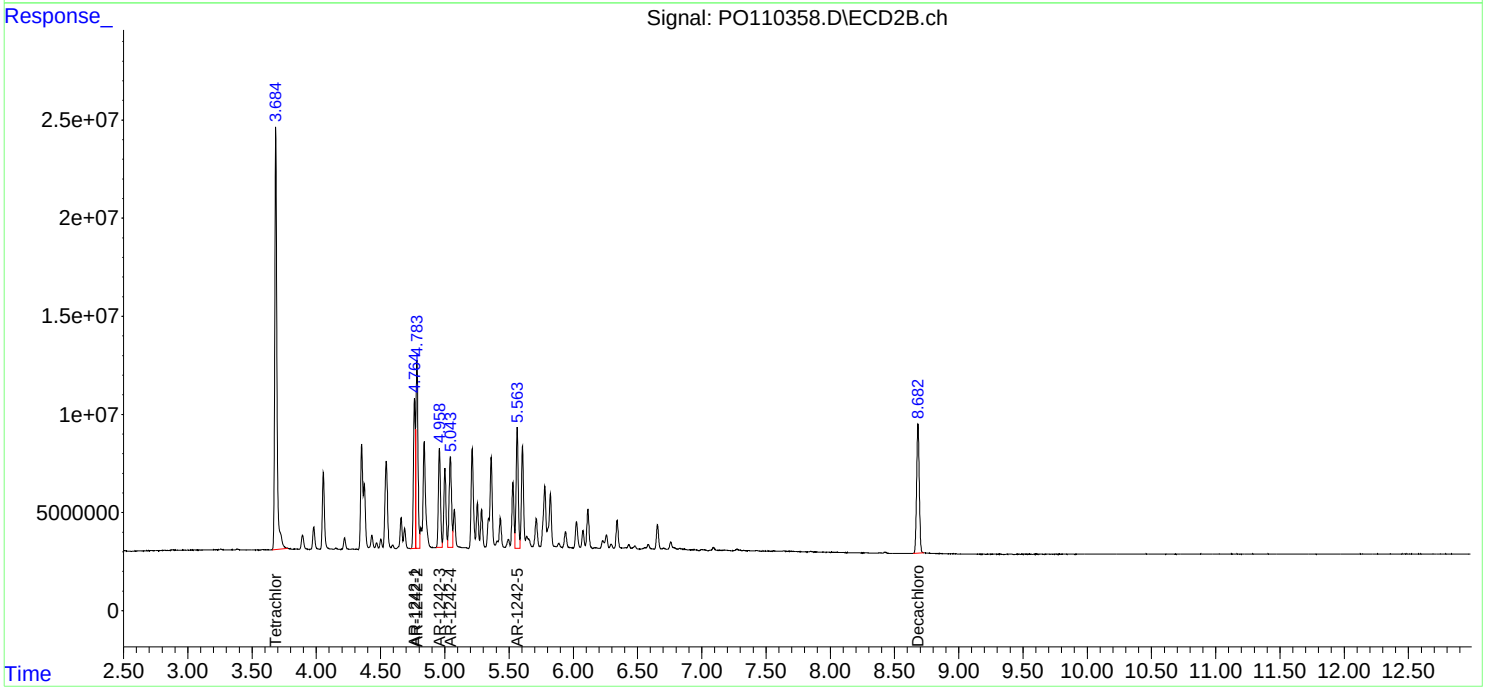
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110358.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 12:21
Operator : YP/AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

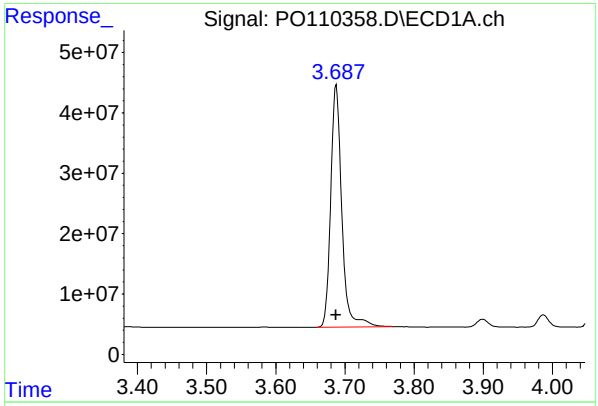
Instrument :
ECD_O
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 12:31:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 12:31:05 2025
Response via : Initial Calibration
Integrator: ChemStation

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



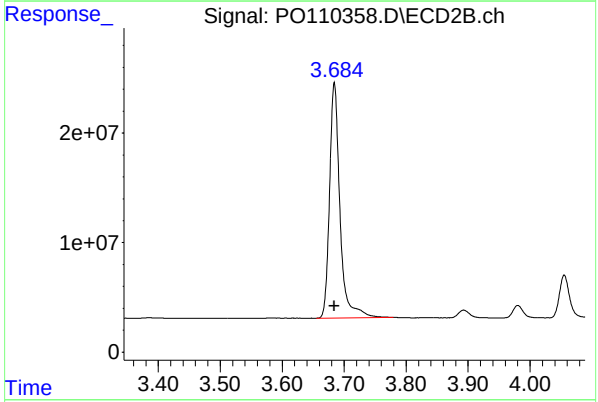




#1 Tetrachloro-m-xylene

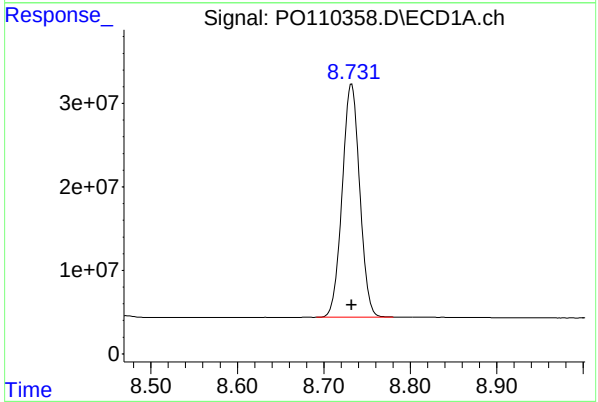
R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 444994526
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



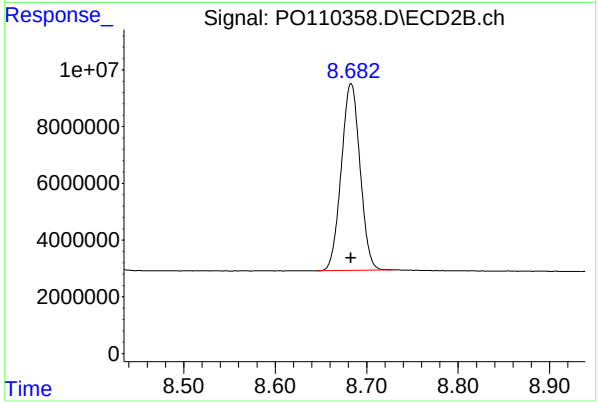
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 250927877
Conc: 50.00 ng/ml



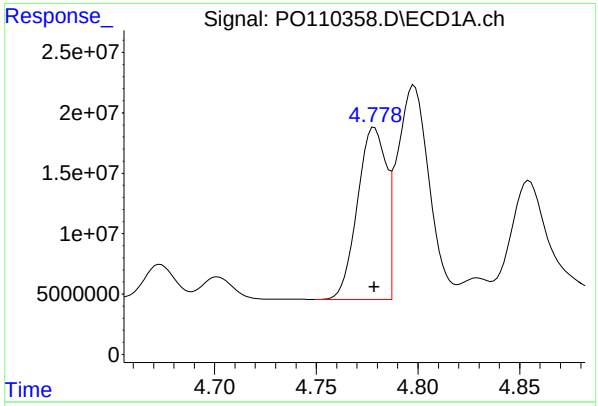
#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 392237800
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

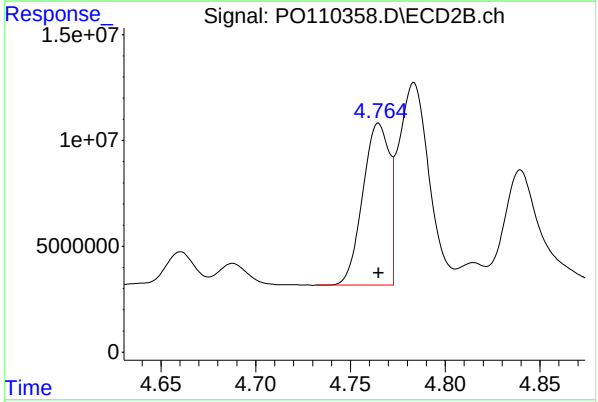
R.T.: 8.683 min
Delta R.T.: 0.000 min
Response: 93891957
Conc: 50.00 ng/ml



#16 AR-1242-1

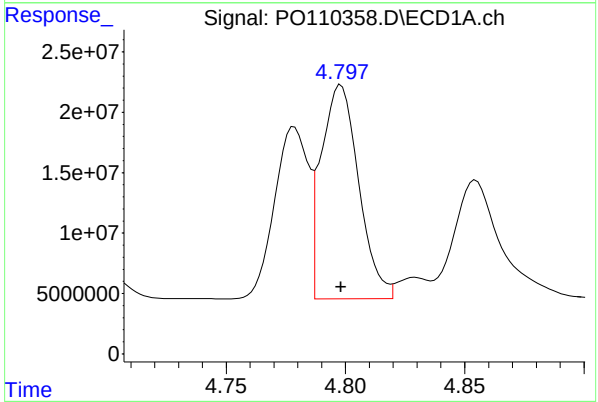
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 140398326
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



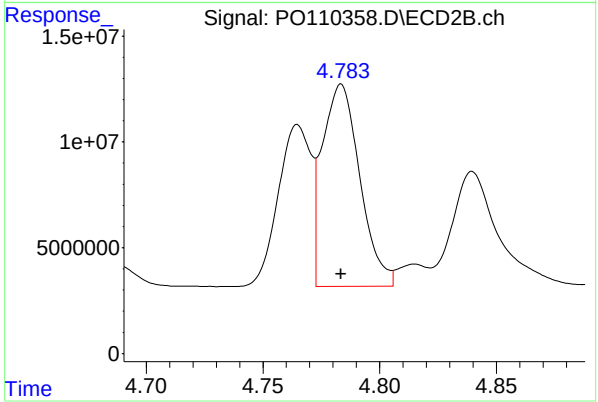
#16 AR-1242-1

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 74484875
Conc: 500.00 ng/ml



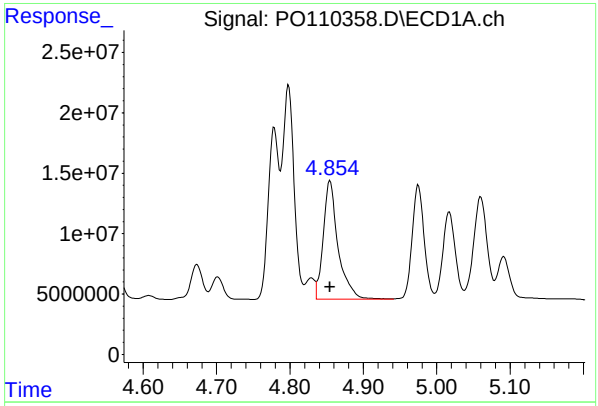
#17 AR-1242-2

R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 193906918
Conc: 500.00 ng/ml



#17 AR-1242-2

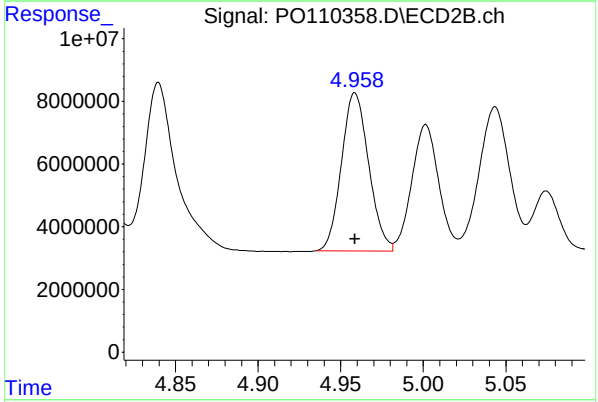
R.T.: 4.783 min
Delta R.T.: 0.000 min
Response: 107218849
Conc: 500.00 ng/ml



#18 AR-1242-3

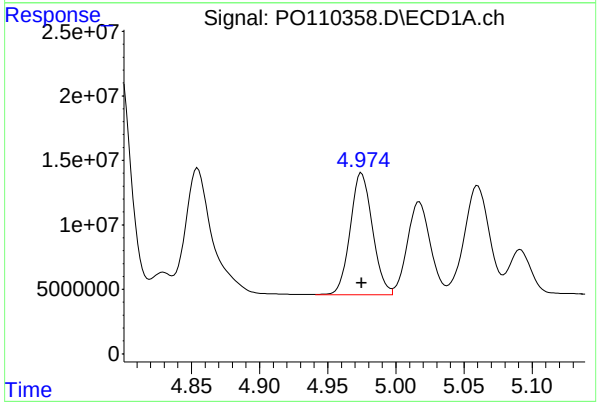
R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 137936830
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



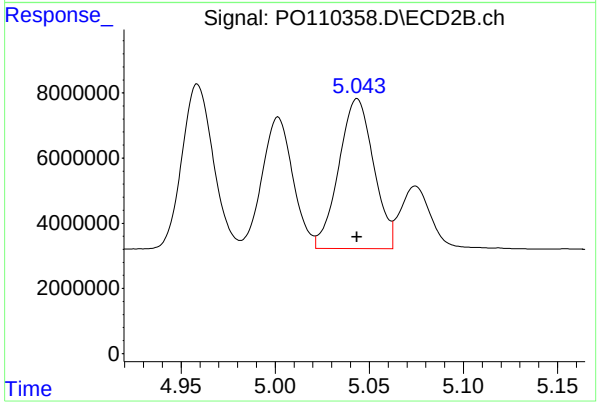
#18 AR-1242-3

R.T.: 4.959 min
Delta R.T.: 0.000 min
Response: 57946521
Conc: 500.00 ng/ml



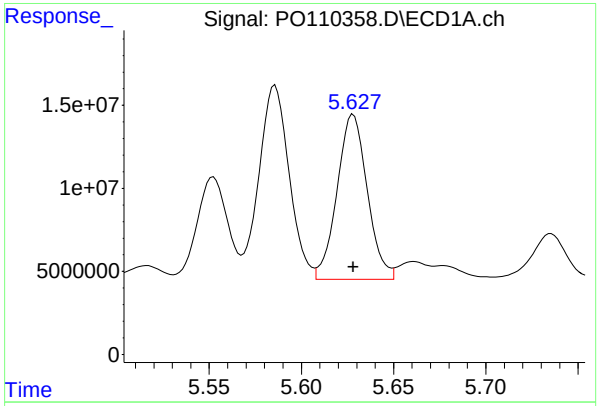
#19 AR-1242-4

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 107068171
Conc: 500.00 ng/ml



#19 AR-1242-4

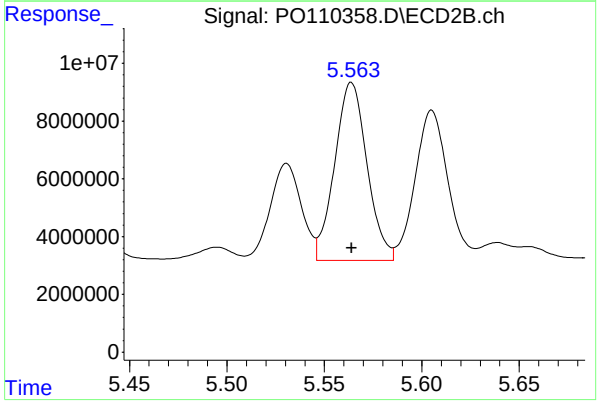
R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 59411329
Conc: 500.00 ng/ml



#20 AR-1242-5

R.T.: 5.628 min
Delta R.T.: 0.000 min
Response: 112880165
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



#20 AR-1242-5

R.T.: 5.564 min
Delta R.T.: 0.000 min
Response: 71202904
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110359.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 12:39
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: Apr 10 12:51:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 12:51:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.688	3.685	224.9E6	127.8E6	25.741	25.901
2)	SA Decachlor...	8.732	8.684	204.7E6	50443721	26.551	27.716
	Target Compounds						
16)	L4 AR-1242-1	4.779	4.766	74380905	39467591	271.708	269.813
17)	L4 AR-1242-2	4.799	4.785	100.8E6	56229093	263.544	266.549
18)	L4 AR-1242-3	4.855	4.960	73089348	30705869	265.380	270.338
19)	L4 AR-1242-4	4.975	5.045	56349611	32190259	269.168	277.198
20)	L4 AR-1242-5	5.627	5.565	59802630	38560049	271.435	275.255

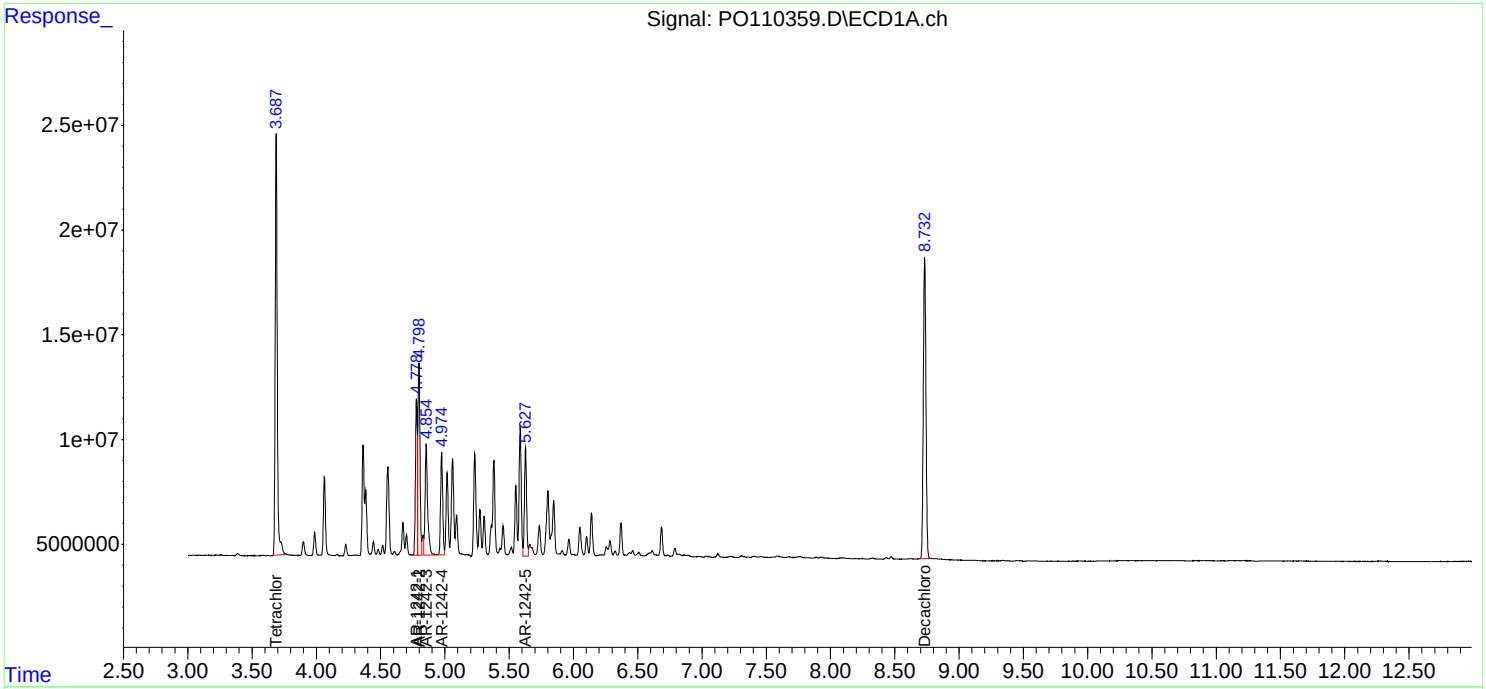
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

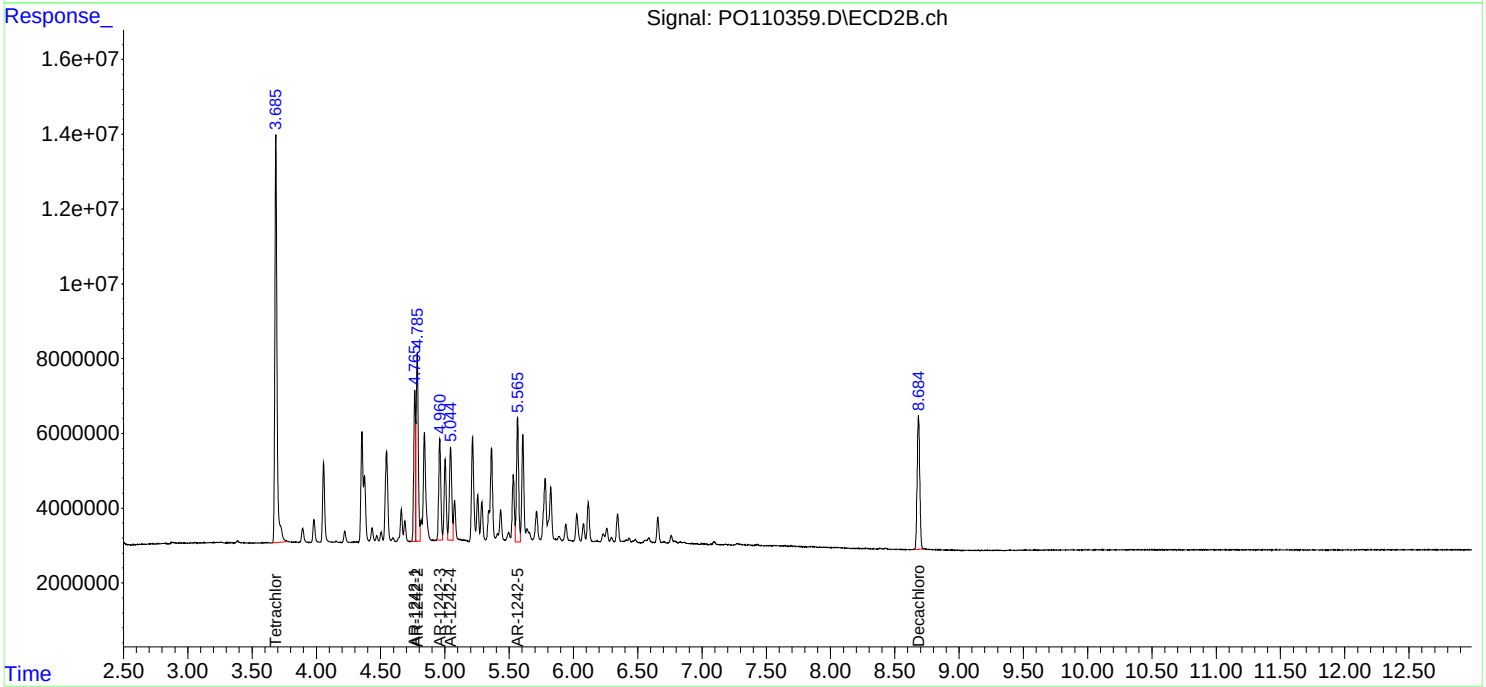
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110359.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 12:39
Operator : YP/AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

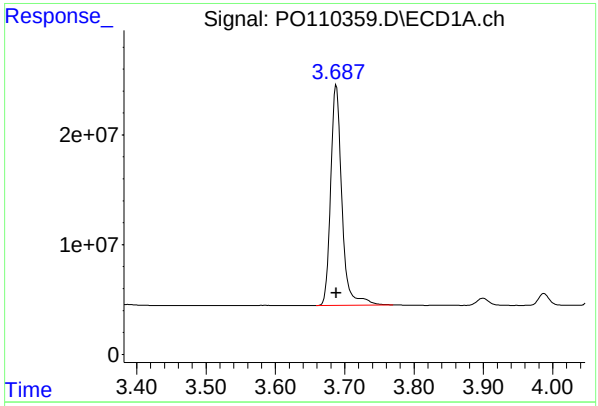
Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 12:51:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 12:51:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



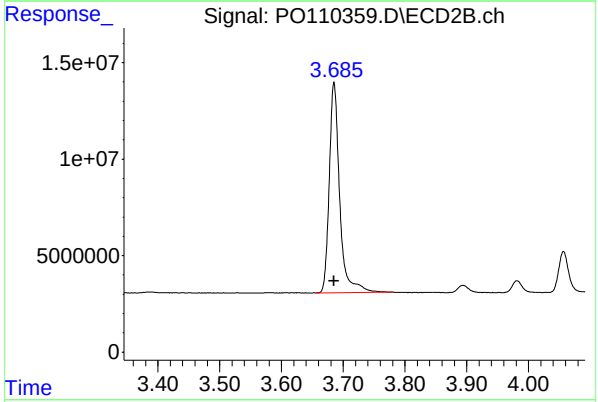




#1 Tetrachloro-m-xylene

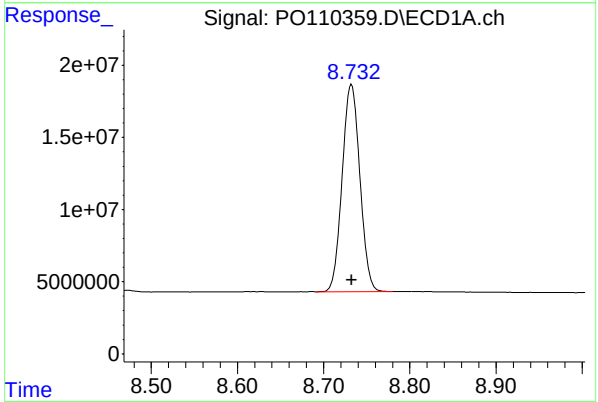
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 224861129
Conc: 25.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



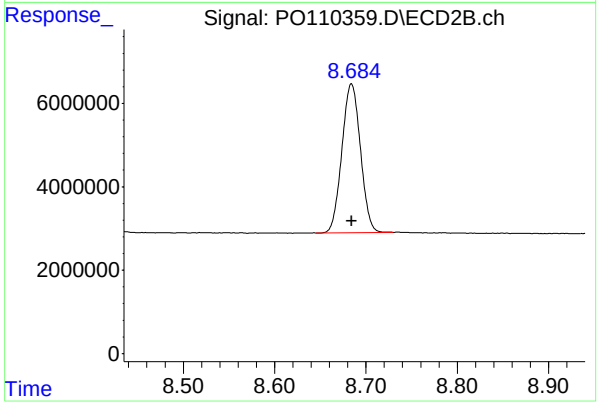
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 127817855
Conc: 25.90 ng/ml



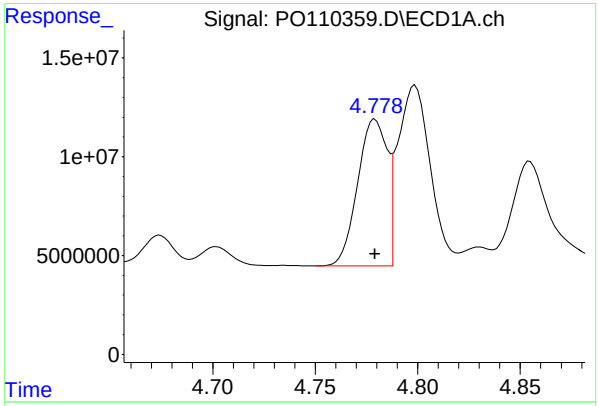
#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 204715334
Conc: 26.55 ng/ml



#2 Decachlorobiphenyl

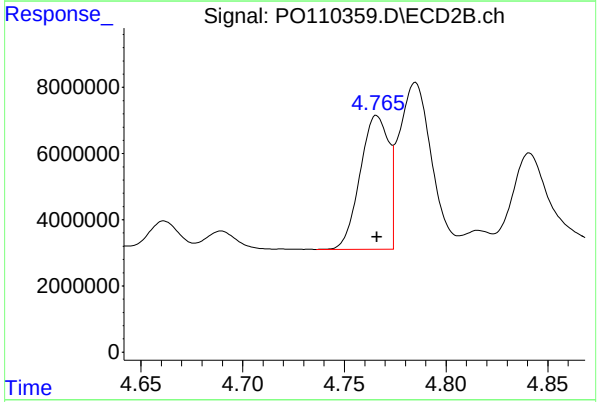
R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 50443721
Conc: 27.72 ng/ml



#16 AR-1242-1

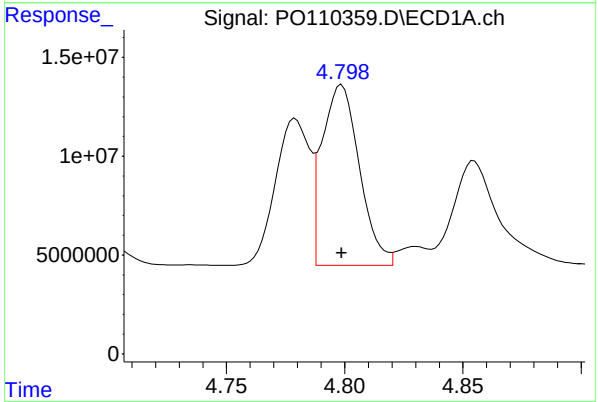
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 74380905
Conc: 271.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



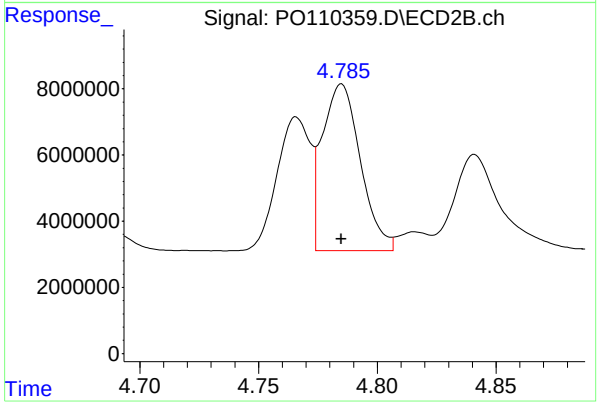
#16 AR-1242-1

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 39467591
Conc: 269.81 ng/ml



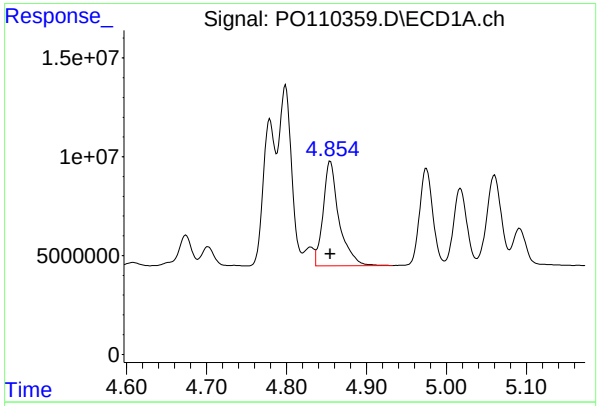
#17 AR-1242-2

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 100791009
Conc: 263.54 ng/ml



#17 AR-1242-2

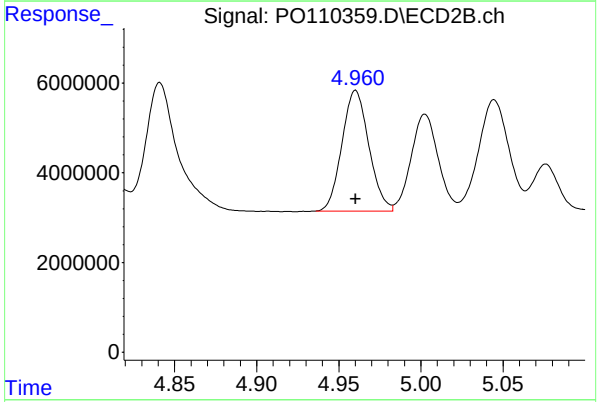
R.T.: 4.785 min
Delta R.T.: 0.000 min
Response: 56229093
Conc: 266.55 ng/ml



#18 AR-1242-3

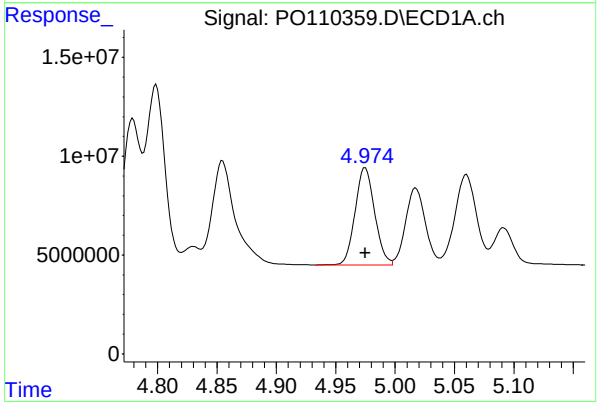
R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 73089348
Conc: 265.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



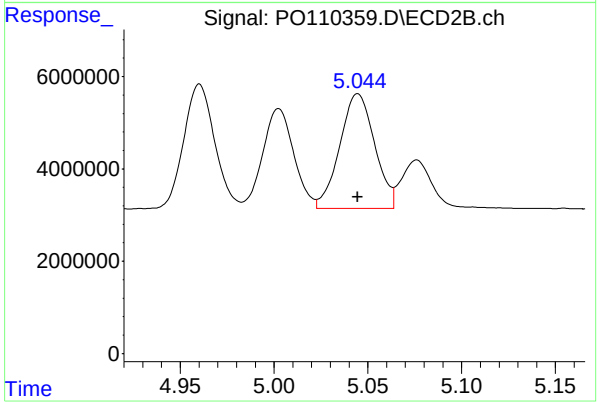
#18 AR-1242-3

R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 30705869
Conc: 270.34 ng/ml



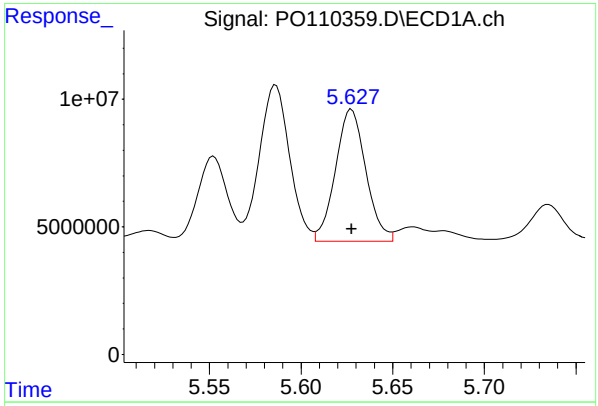
#19 AR-1242-4

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 56349611
Conc: 269.17 ng/ml



#19 AR-1242-4

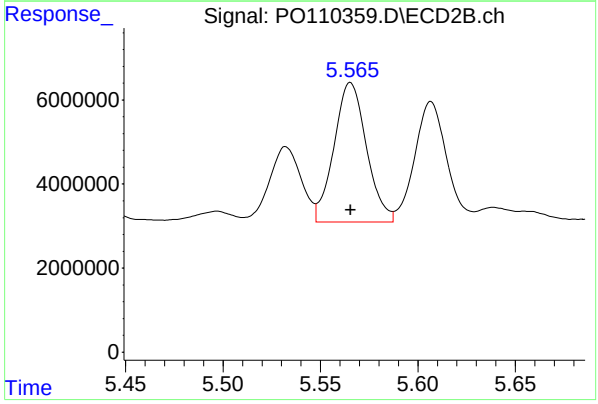
R.T.: 5.045 min
Delta R.T.: 0.000 min
Response: 32190259
Conc: 277.20 ng/ml



#20 AR-1242-5

R.T.: 5.627 min
Delta R.T.: 0.000 min
Response: 59802630
Conc: 271.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



#20 AR-1242-5

R.T.: 5.565 min
Delta R.T.: 0.000 min
Response: 38560049
Conc: 275.25 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110360.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 12:58
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: Apr 10 13:08:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 13:07:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.687	3.684	40144674	23927704	4.671	4.878
2)	SA Decachlor...	8.732	8.683	41703697	10219031	5.322	5.480
	Target Compounds						
16)	L4 AR-1242-1	4.779	4.765	14632790	8120107	52.724	54.314
17)	L4 AR-1242-2	4.798	4.784	19954532	11150308	51.726	52.260
18)	L4 AR-1242-3	4.854	4.959	14467594	6178953	52.004	53.459
19)	L4 AR-1242-4	4.975	5.044	10972399	6799320	51.912	56.614
20)	L4 AR-1242-5	5.628	5.564	12534403	8256494	55.366	56.903

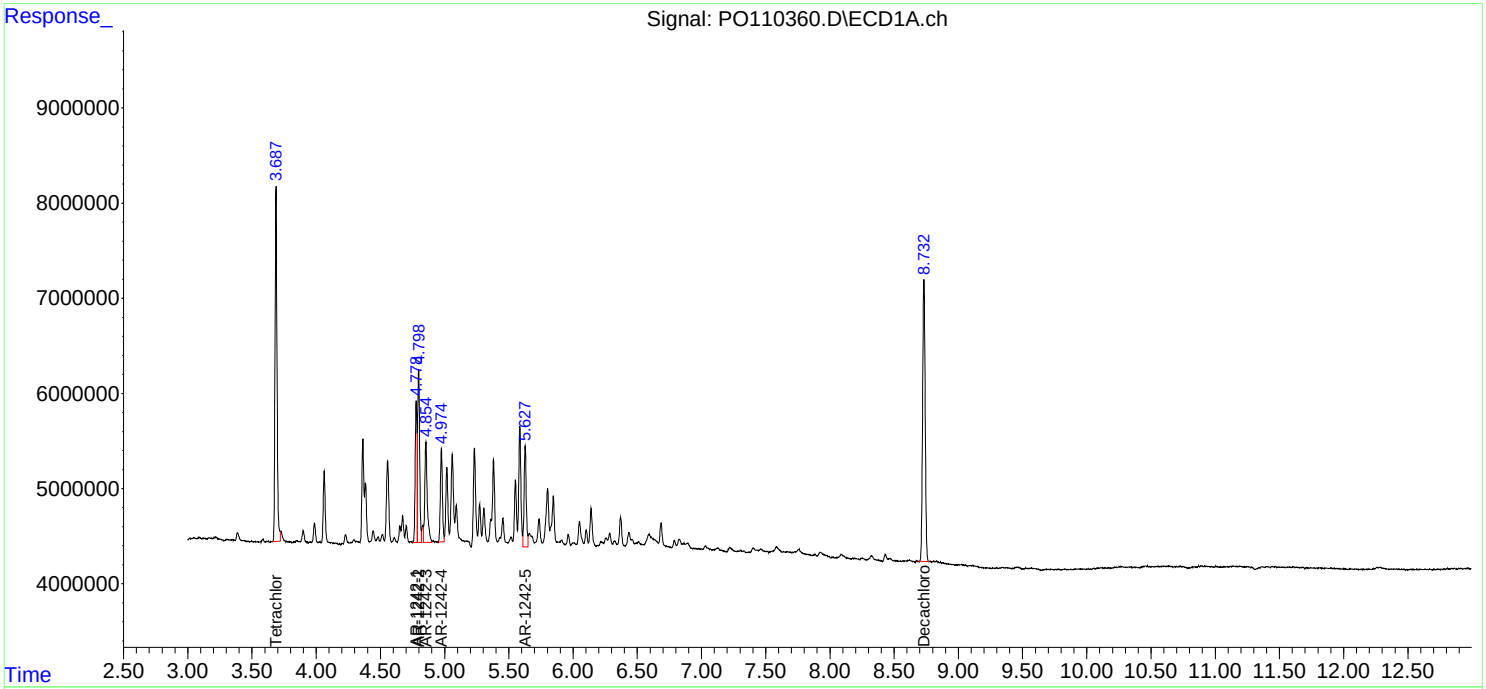
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

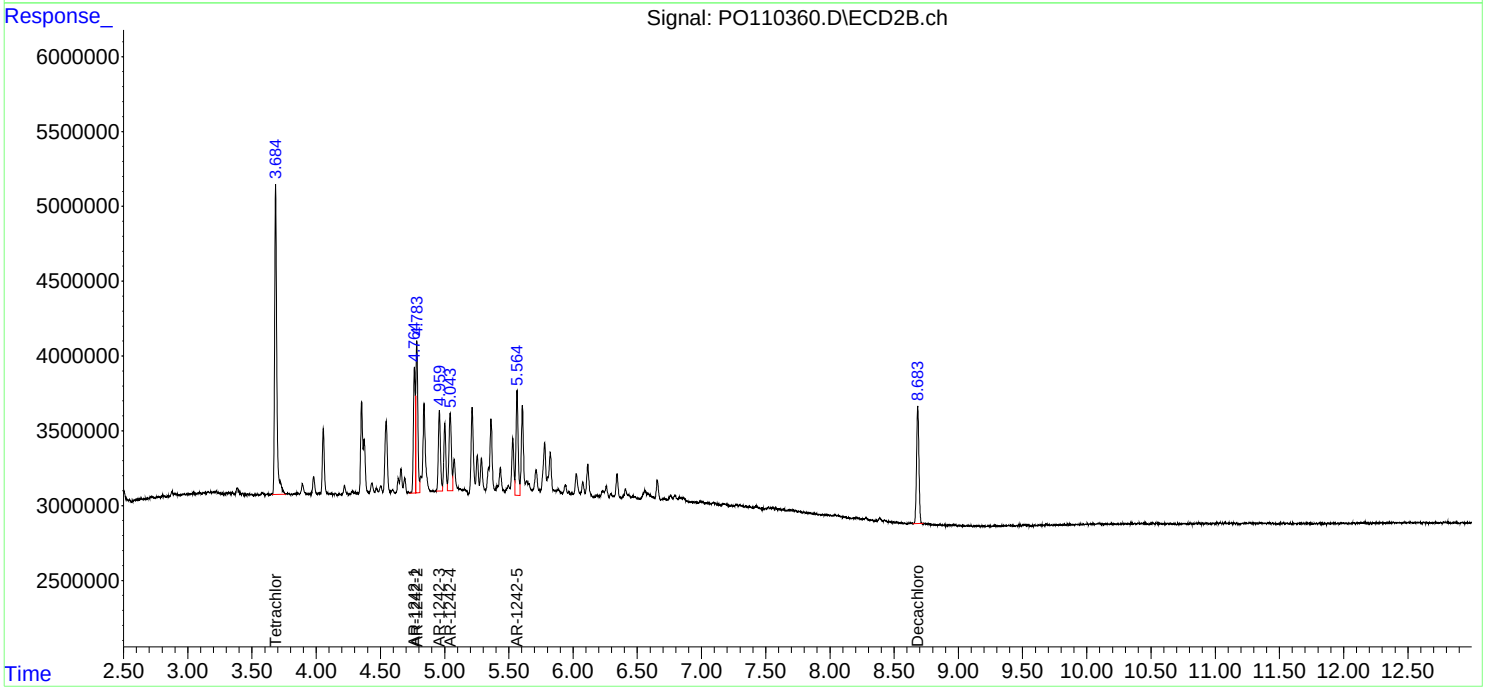
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110360.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 12:58
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

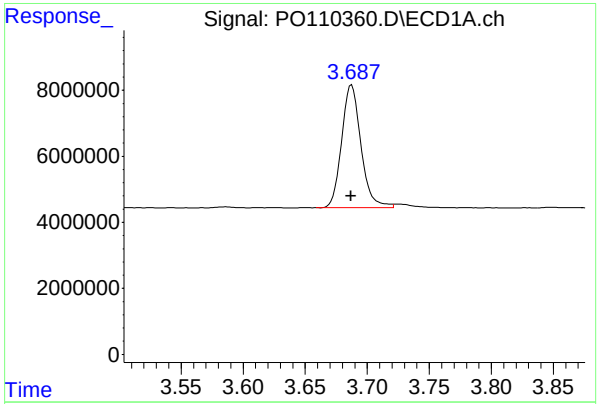
Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 13:08:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 13:07:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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



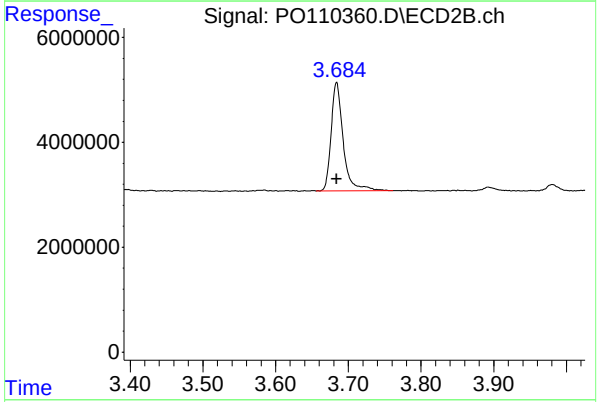




#1 Tetrachloro-m-xylene

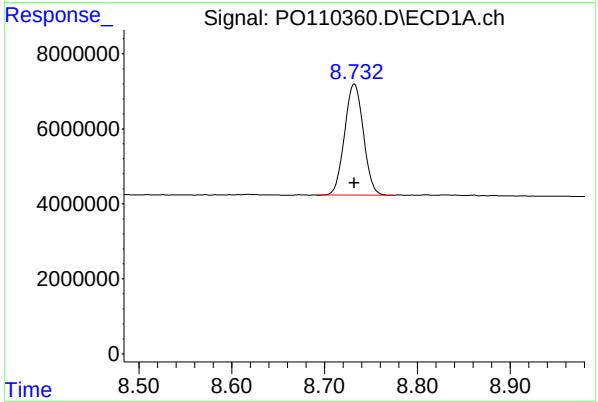
R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 40144674
Conc: 4.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050



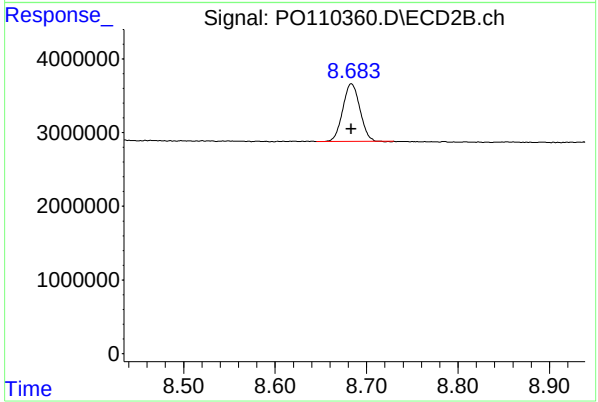
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 23927704
Conc: 4.88 ng/ml



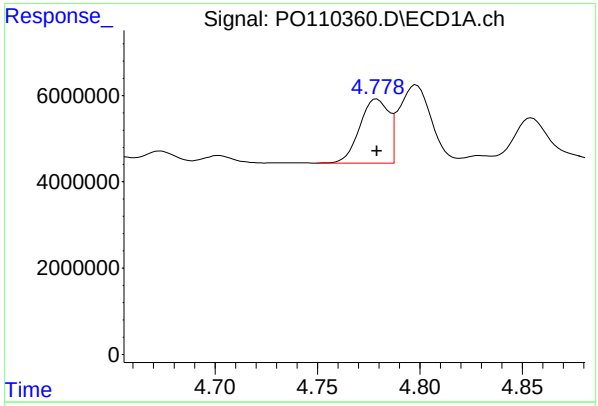
#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 41703697
Conc: 5.32 ng/ml



#2 Decachlorobiphenyl

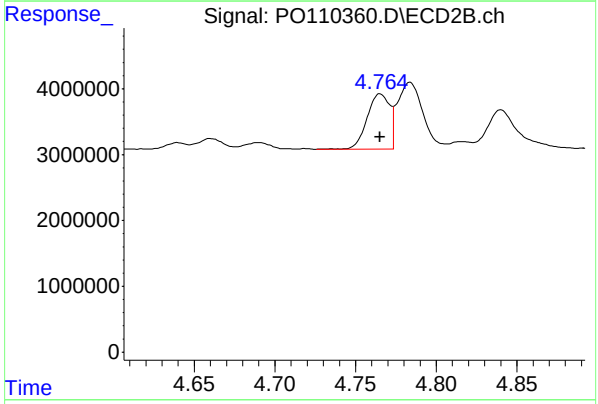
R.T.: 8.683 min
Delta R.T.: 0.000 min
Response: 10219031
Conc: 5.48 ng/ml



#16 AR-1242-1

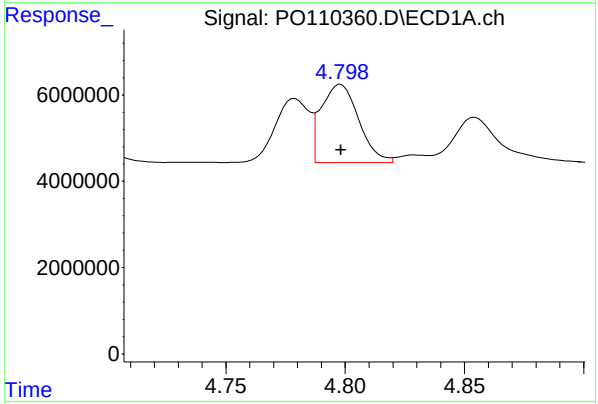
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 14632790
Conc: 52.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050



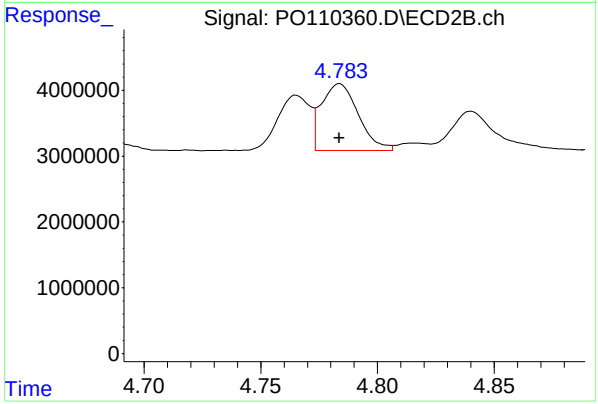
#16 AR-1242-1

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 8120107
Conc: 54.31 ng/ml



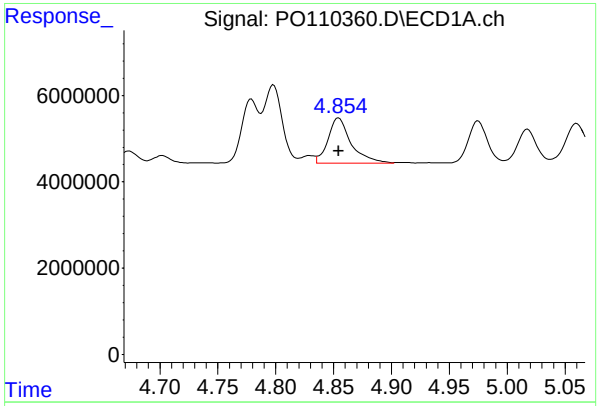
#17 AR-1242-2

R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 19954532
Conc: 51.73 ng/ml



#17 AR-1242-2

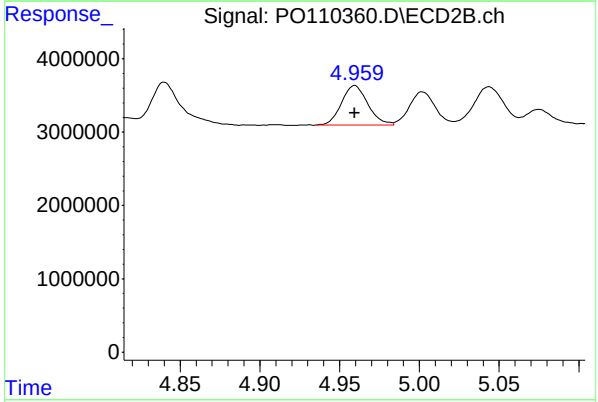
R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 11150308
Conc: 52.26 ng/ml



#18 AR-1242-3

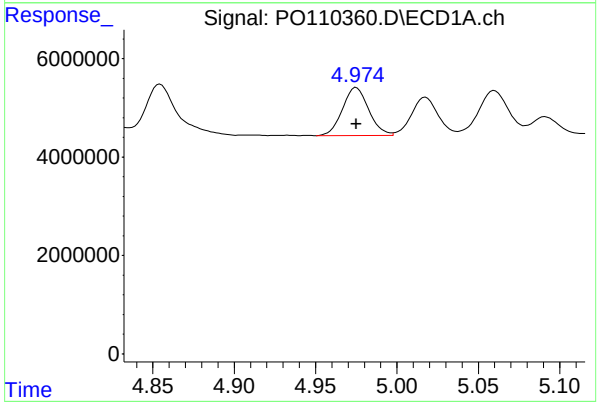
R.T.: 4.854 min
Delta R.T.: 0.000 min
Response: 14467594
Conc: 52.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050



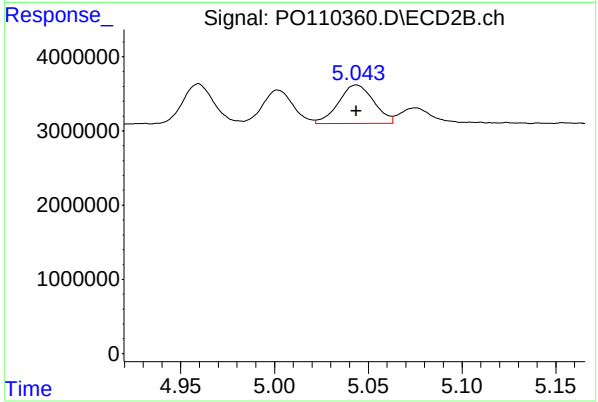
#18 AR-1242-3

R.T.: 4.959 min
Delta R.T.: 0.000 min
Response: 6178953
Conc: 53.46 ng/ml



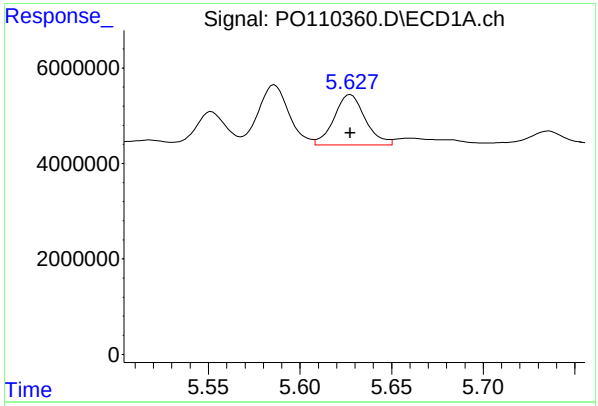
#19 AR-1242-4

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 10972399
Conc: 51.91 ng/ml



#19 AR-1242-4

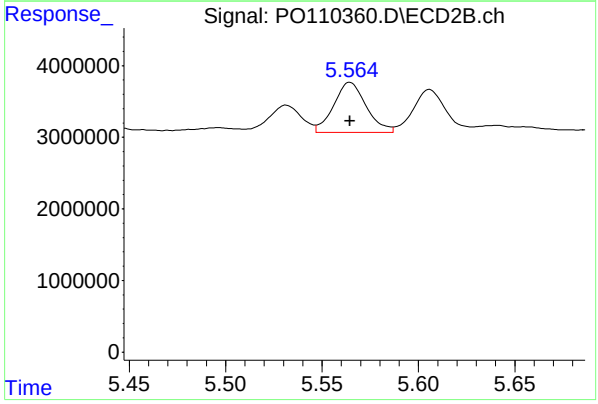
R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 6799320
Conc: 56.61 ng/ml



#20 AR-1242-5

R.T.: 5.628 min
Delta R.T.: 0.000 min
Response: 12534403
Conc: 55.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050



#20 AR-1242-5

R.T.: 5.564 min
Delta R.T.: 0.000 min
Response: 8256494
Conc: 56.90 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110361.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 13:16
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: Apr 10 14:06:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 14:03:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.687	3.685	857.2E6	482.8E6	97.792	97.864
2)	SA Decachlor...	8.731	8.684	742.3E6	170.8E6	96.063	94.678
	Target Compounds						
21)	L5 AR-1248-1	4.779	4.765	197.4E6	105.8E6	950.625	949.399
22)	L5 AR-1248-2	5.017	5.001	269.7E6	147.0E6	946.388	943.970
23)	L5 AR-1248-3	5.233	5.043	336.7E6	157.5E6	949.716	945.079
24)	L5 AR-1248-4	5.586	5.214	480.1E6	185.6E6	956.437	952.264
25)	L5 AR-1248-5	5.627	5.606	340.6E6	181.9E6	955.211	957.967

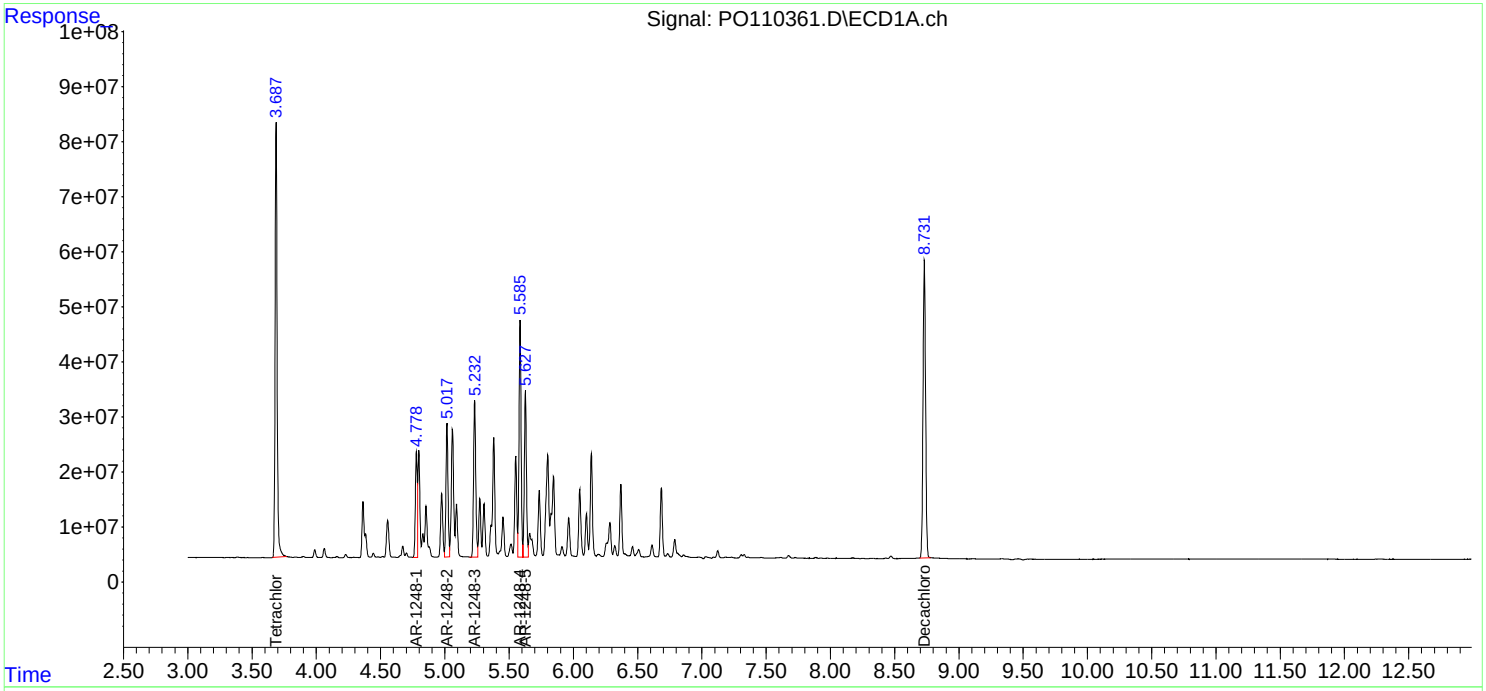
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

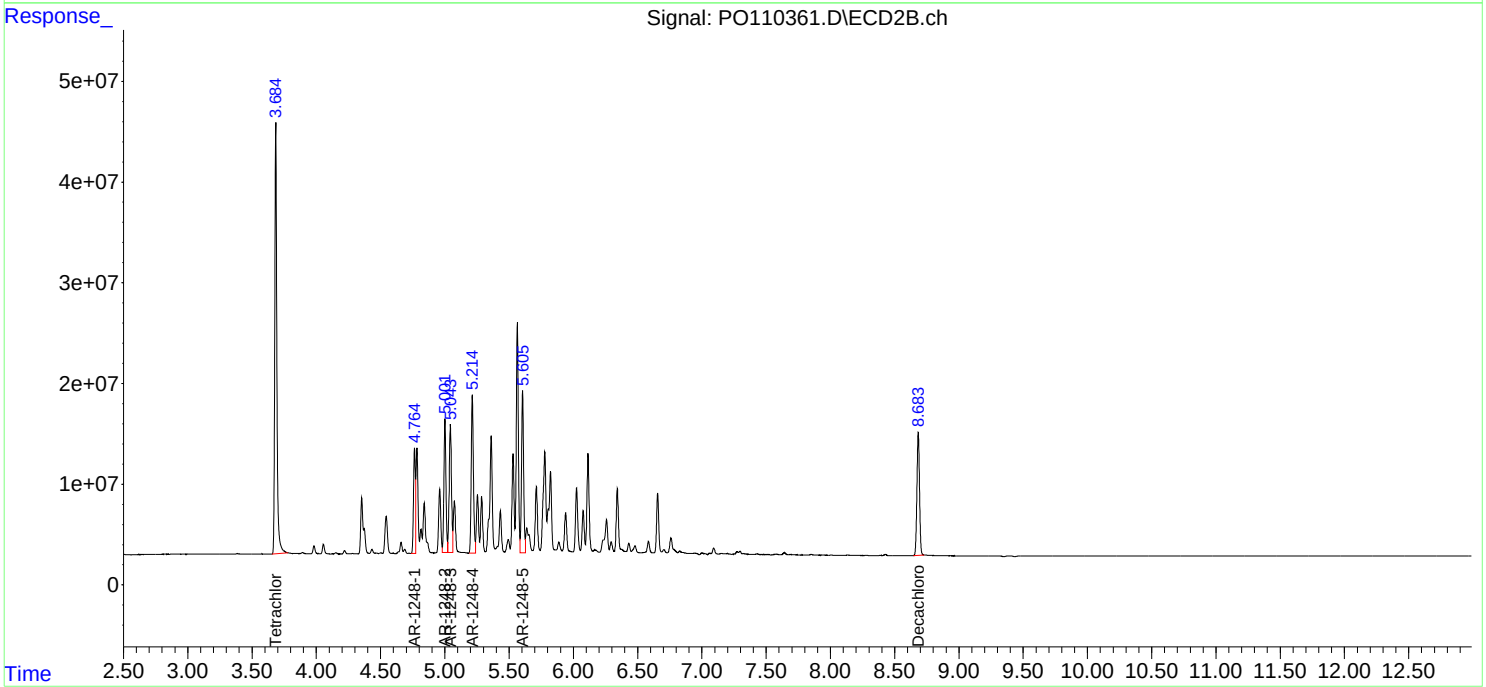
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110361.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 13:16
Operator : YP/AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

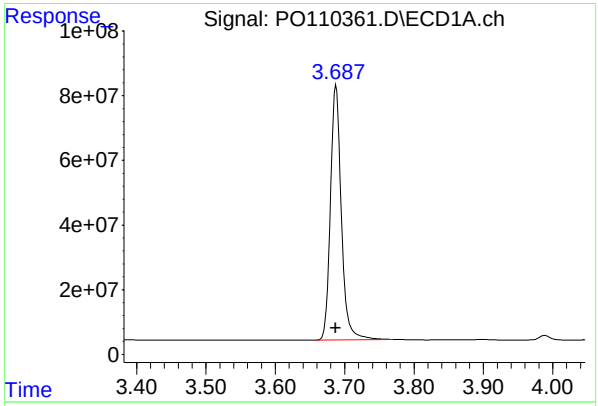
Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 14:06:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 14:03:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



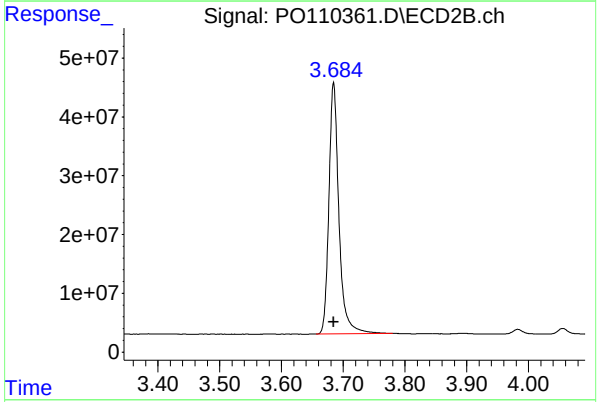




#1 Tetrachloro-m-xylene

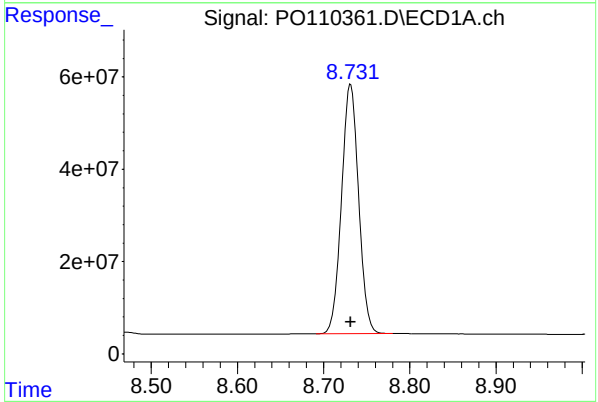
R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 857217740
Conc: 97.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



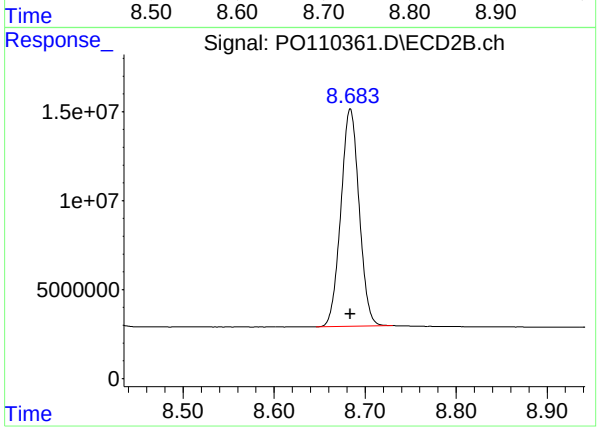
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 482790827
Conc: 97.86 ng/ml



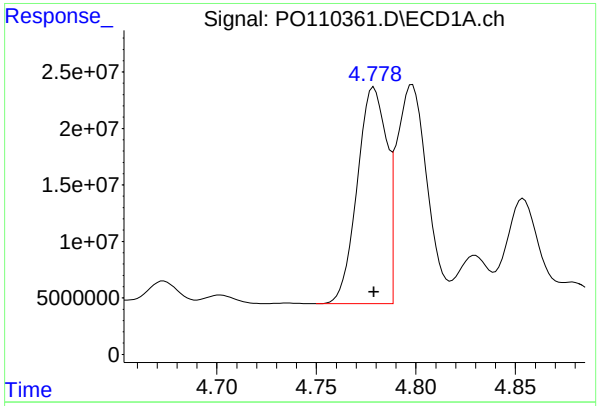
#2 Decachlorobiphenyl

R.T.: 8.731 min
Delta R.T.: 0.000 min
Response: 742336789
Conc: 96.06 ng/ml



#2 Decachlorobiphenyl

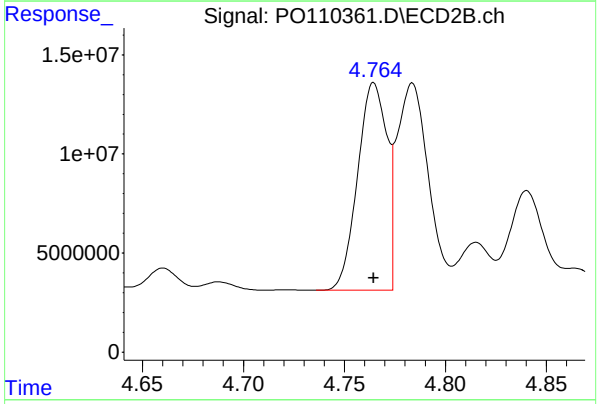
R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 170828178
Conc: 94.68 ng/ml



#21 AR-1248-1

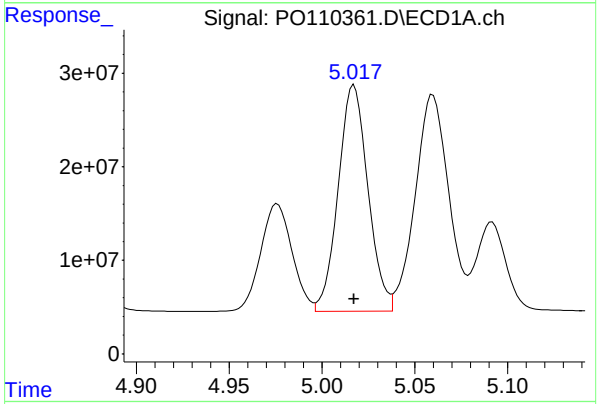
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 197377890
Conc: 950.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



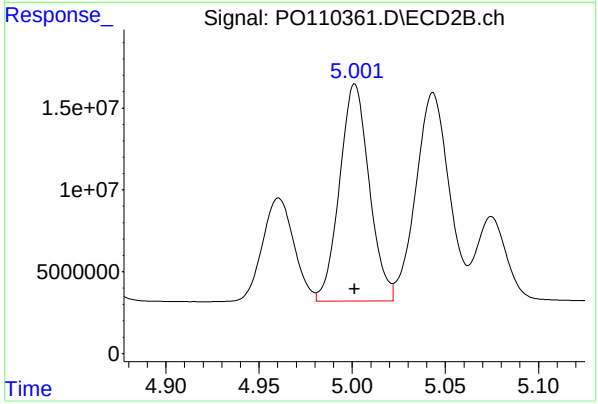
#21 AR-1248-1

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 105821161
Conc: 949.40 ng/ml



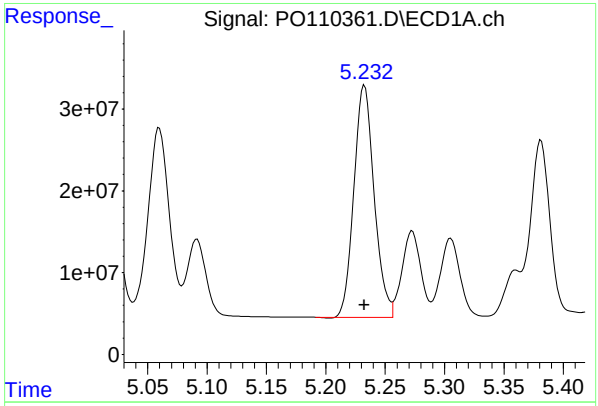
#22 AR-1248-2

R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 269669918
Conc: 946.39 ng/ml



#22 AR-1248-2

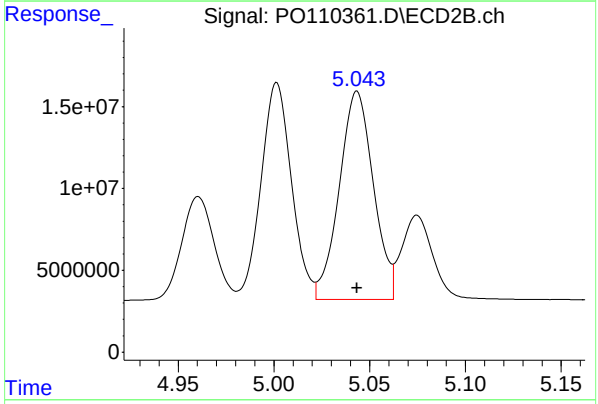
R.T.: 5.001 min
Delta R.T.: 0.000 min
Response: 147033899
Conc: 943.97 ng/ml



#23 AR-1248-3

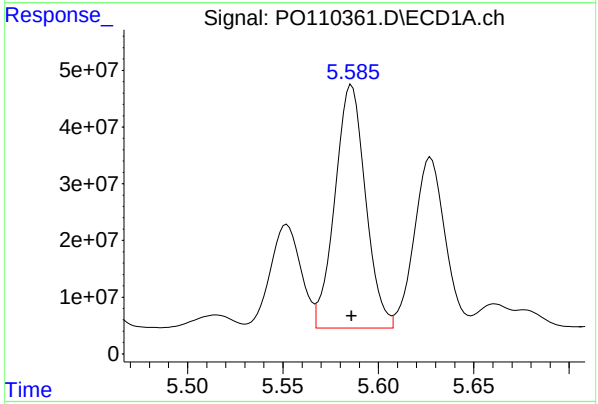
R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 336662132
Conc: 949.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



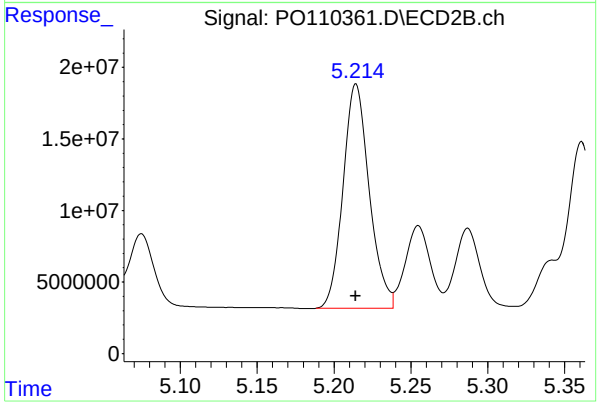
#23 AR-1248-3

R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 157542784
Conc: 945.08 ng/ml



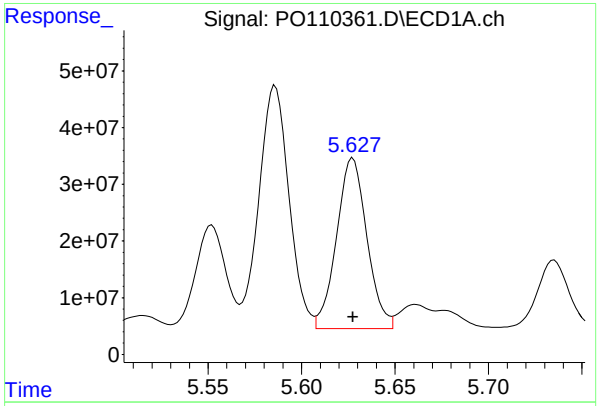
#24 AR-1248-4

R.T.: 5.586 min
Delta R.T.: 0.000 min
Response: 480139637
Conc: 956.44 ng/ml



#24 AR-1248-4

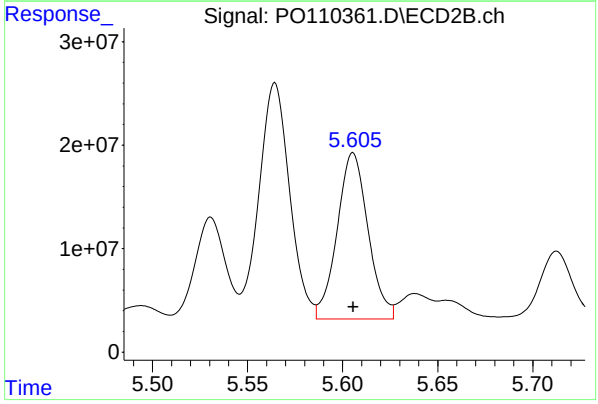
R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 185573916
Conc: 952.26 ng/ml



#25 AR-1248-5

R.T.: 5.627 min
Delta R.T.: 0.000 min
Response: 340550967
Conc: 955.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



#25 AR-1248-5

R.T.: 5.606 min
Delta R.T.: 0.000 min
Response: 181941821
Conc: 957.97 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110362.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 13:35
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: Apr 10 14:08:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 14:03:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.688	3.685	650.6E6	365.5E6	74.481	74.396
2)	SA Decachlor...	8.733	8.685	575.0E6	131.4E6	74.605	73.547
	Target Compounds						
21)	L5 AR-1248-1	4.779	4.765	154.3E6	83273178	745.481	748.067
22)	L5 AR-1248-2	5.017	5.002	210.8E6	115.1E6	743.133	742.489
23)	L5 AR-1248-3	5.232	5.044	264.1E6	123.2E6	746.588	742.651
24)	L5 AR-1248-4	5.586	5.215	372.9E6	144.5E6	745.252	744.242
25)	L5 AR-1248-5	5.627	5.606	265.1E6	140.5E6	745.654	743.111

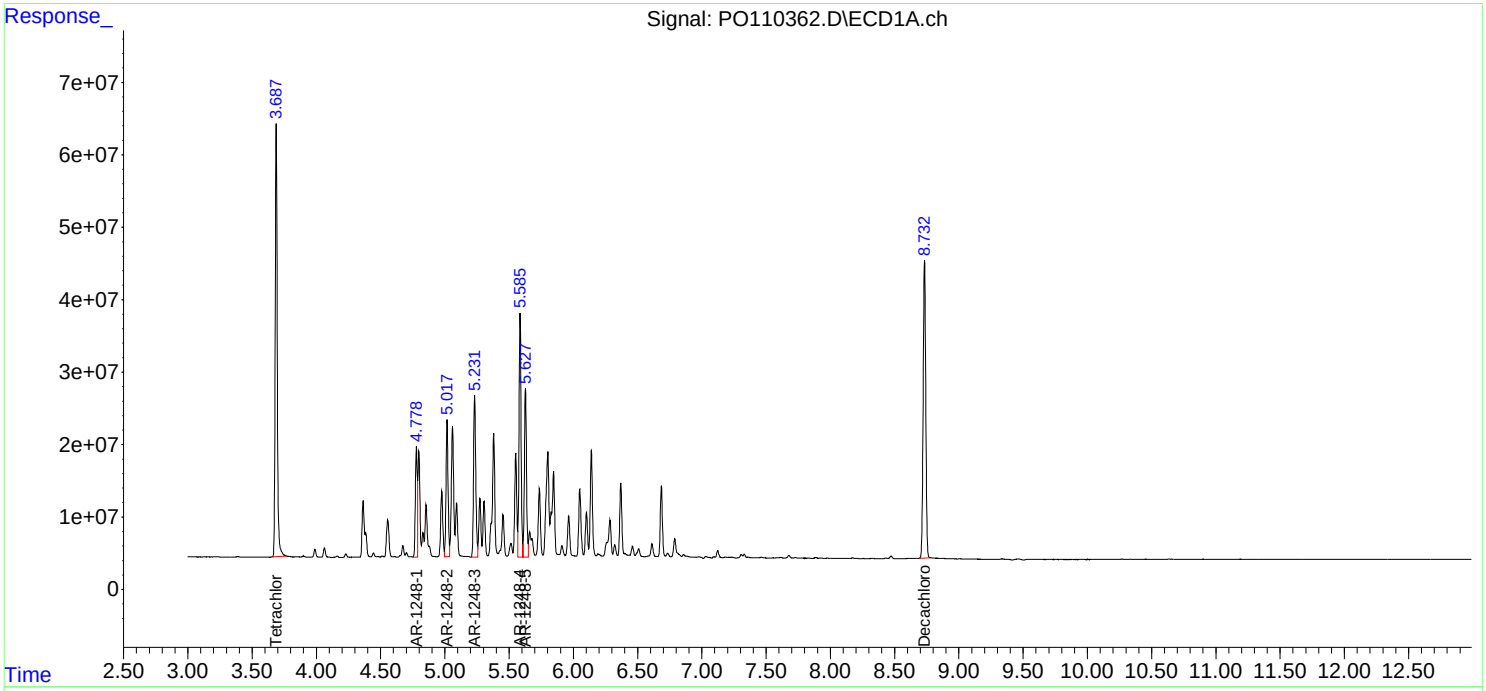
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

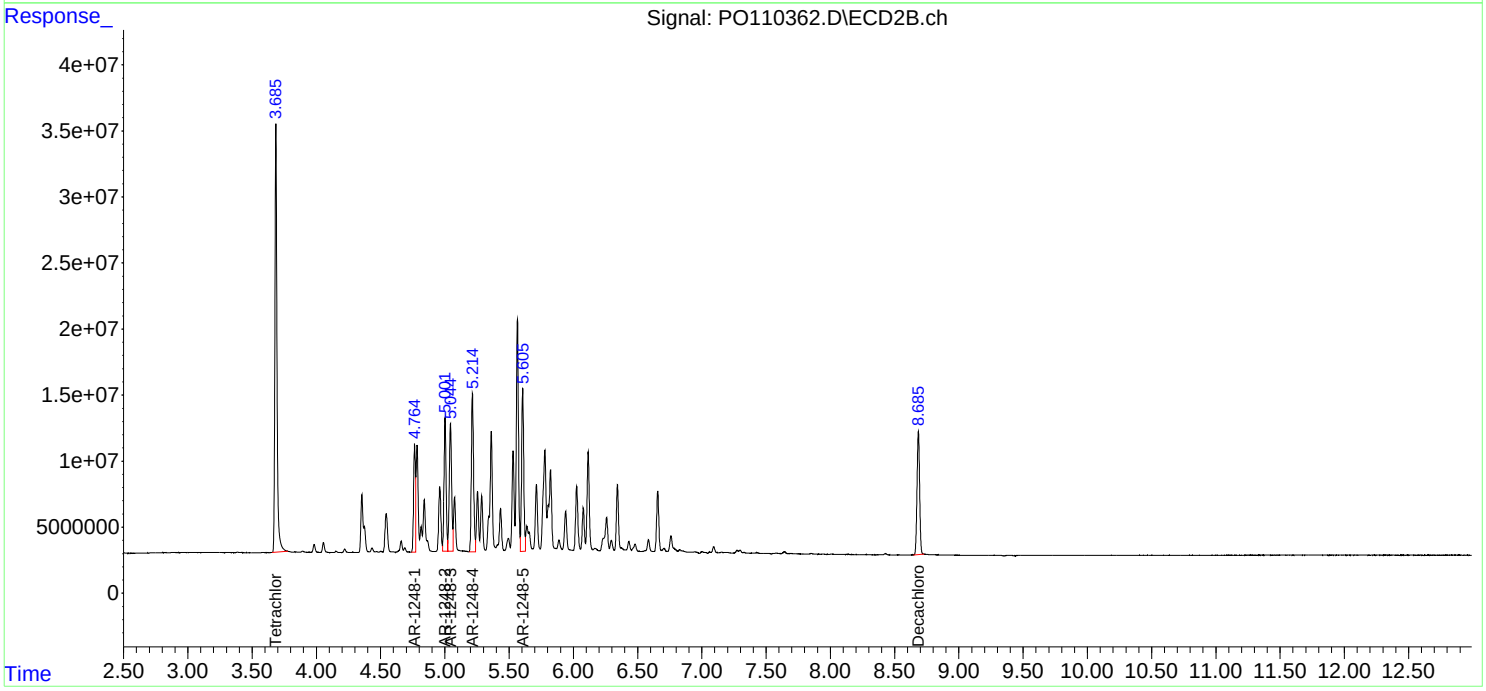
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110362.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 13:35
Operator : YP/AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

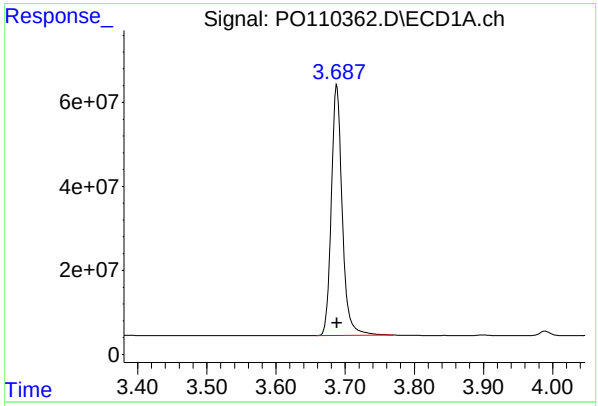
Instrument :
ECD_O
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 14:08:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 14:03:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



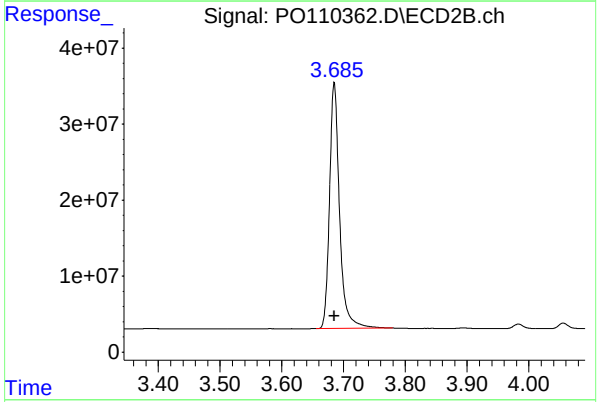




#1 Tetrachloro-m-xylene

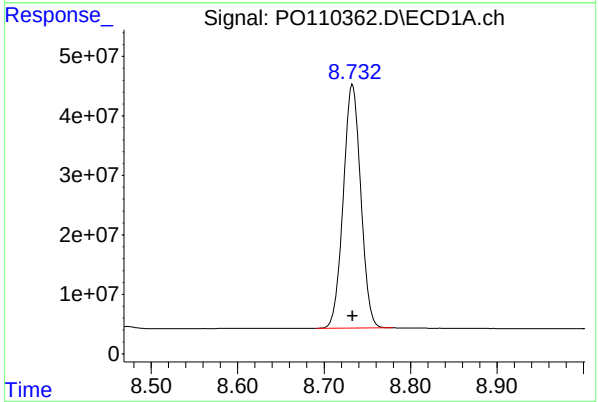
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 650631933
Conc: 74.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



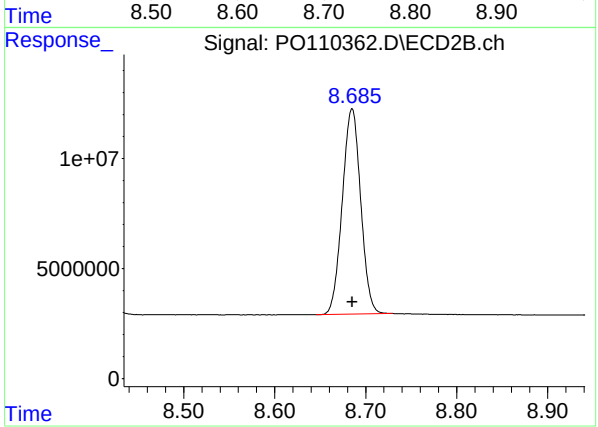
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 365548178
Conc: 74.40 ng/ml



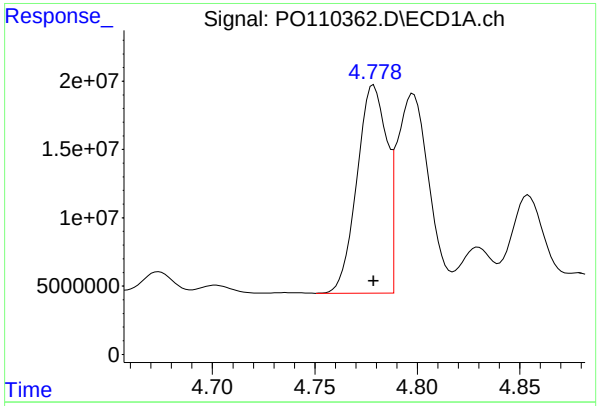
#2 Decachlorobiphenyl

R.T.: 8.733 min
Delta R.T.: 0.000 min
Response: 574998503
Conc: 74.60 ng/ml



#2 Decachlorobiphenyl

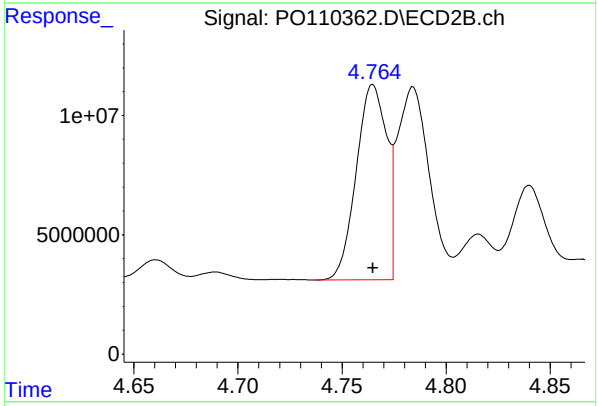
R.T.: 8.685 min
Delta R.T.: 0.000 min
Response: 131428252
Conc: 73.55 ng/ml



#21 AR-1248-1

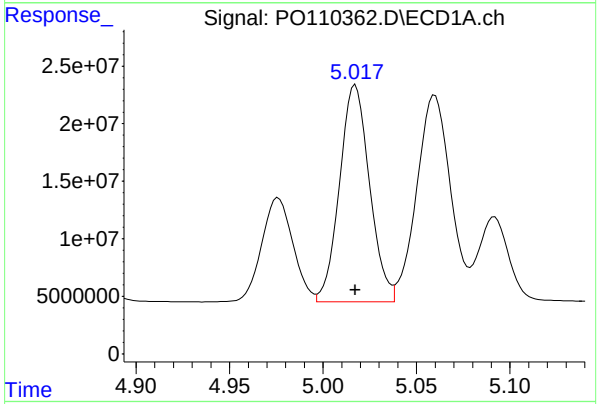
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 154318833
Conc: 745.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



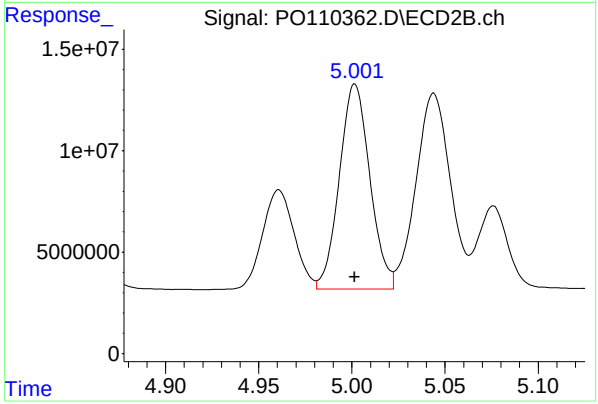
#21 AR-1248-1

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 83273178
Conc: 748.07 ng/ml



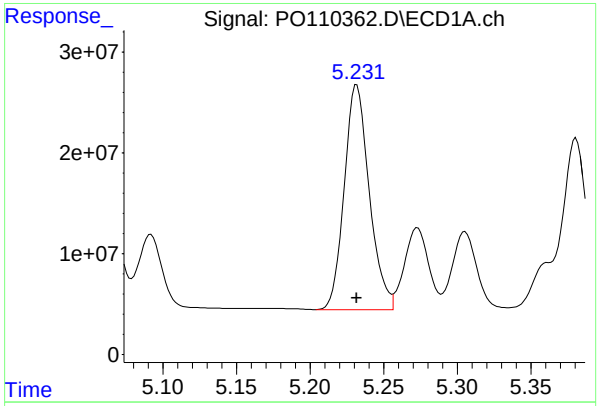
#22 AR-1248-2

R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 210788058
Conc: 743.13 ng/ml



#22 AR-1248-2

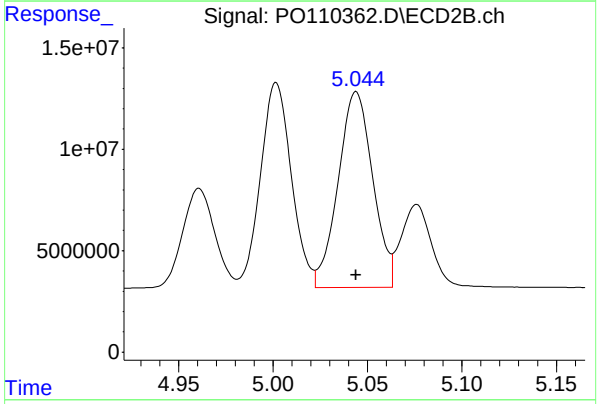
R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 115074831
Conc: 742.49 ng/ml



#23 AR-1248-3

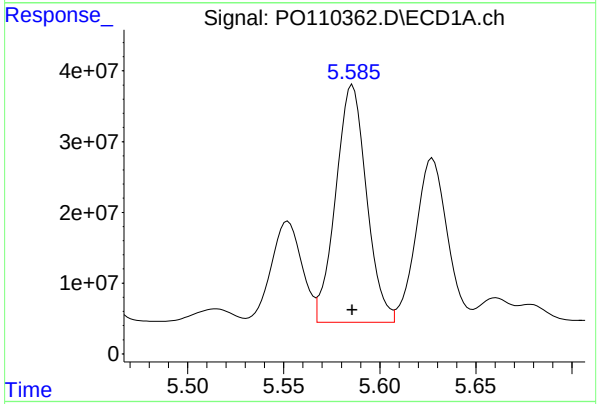
R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 264055417
Conc: 746.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



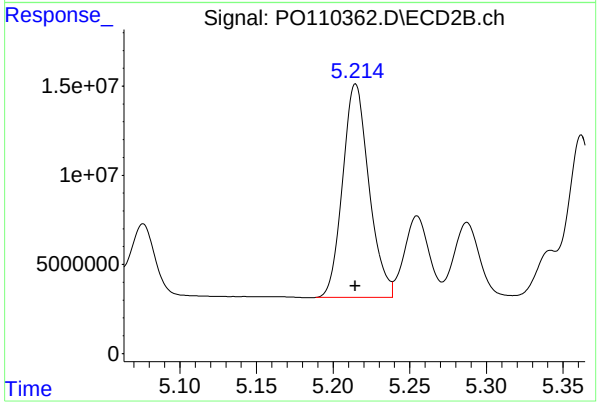
#23 AR-1248-3

R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 123194788
Conc: 742.65 ng/ml



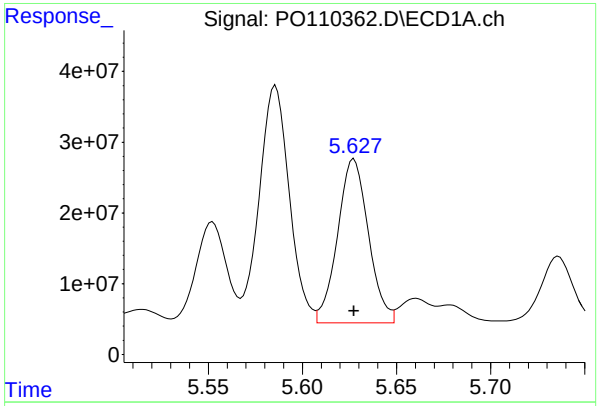
#24 AR-1248-4

R.T.: 5.586 min
Delta R.T.: 0.000 min
Response: 372942670
Conc: 745.25 ng/ml



#24 AR-1248-4

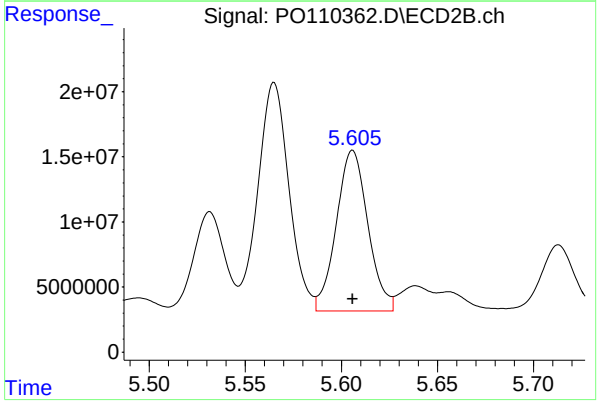
R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 144480618
Conc: 744.24 ng/ml



#25 AR-1248-5

R.T.: 5.627 min
Delta R.T.: 0.000 mi
Response: 265071795
Conc: 745.65 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



#25 AR-1248-5

R.T.: 5.606 min
Delta R.T.: 0.000 min
Response: 140490252
Conc: 743.11 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110363.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 13:53
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: Apr 10 14:03:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 14:03:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.687	3.685	448.0E6	251.9E6	50.000	50.000
2)	SA Decachlor...	8.732	8.685	401.6E6	95016625	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	4.779	4.765	108.9E6	58550593	500.000	500.000
22)	L5 AR-1248-2	5.017	5.002	150.1E6	82244273	500.000	500.000
23)	L5 AR-1248-3	5.232	5.044	186.2E6	87926534	500.000	500.000
24)	L5 AR-1248-4	5.586	5.215	261.9E6	102.1E6	500.000	500.000
25)	L5 AR-1248-5	5.628	5.606	186.2E6	98954091	500.000	500.000

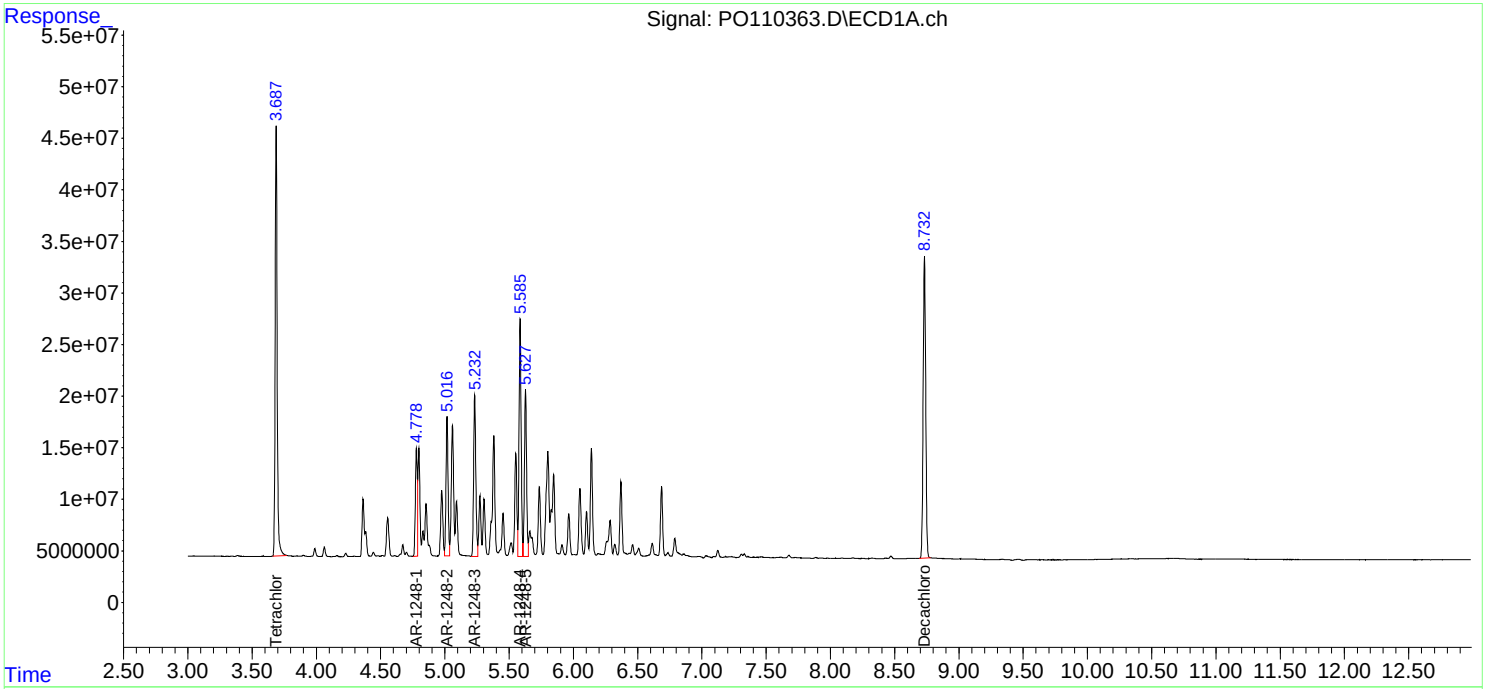
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

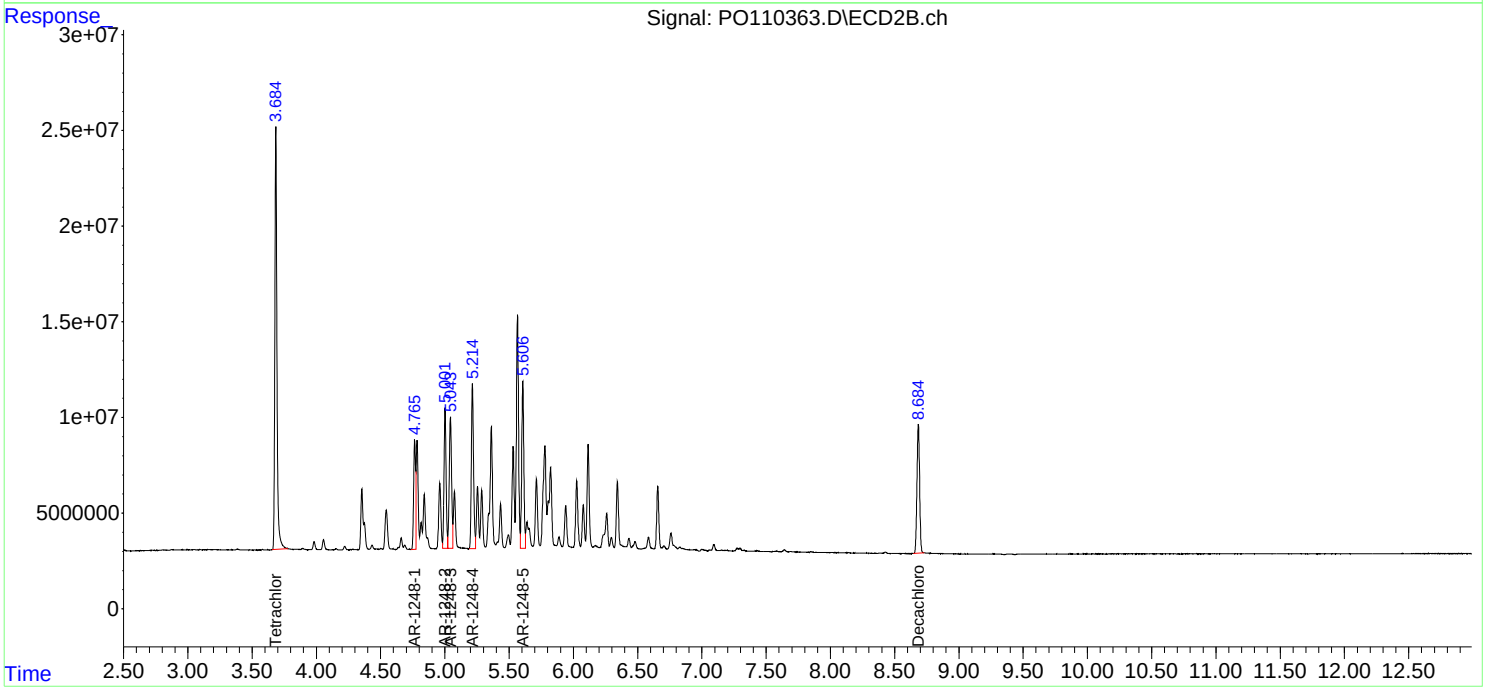
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110363.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 13:53
Operator : YP/AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

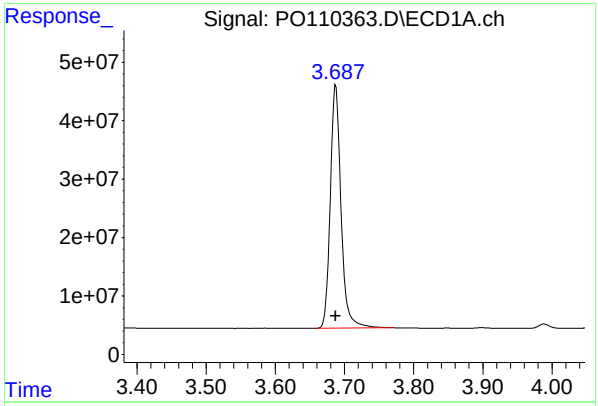
Instrument :
ECD_O
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 14:03:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 14:03:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



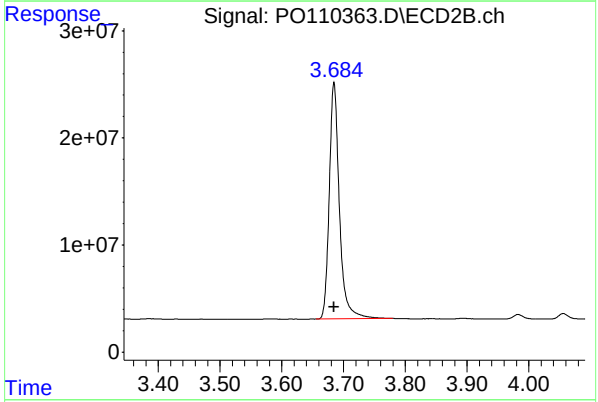




#1 Tetrachloro-m-xylene

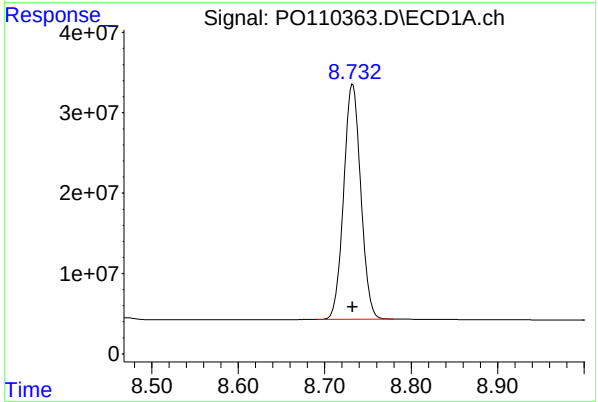
R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 447959162
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



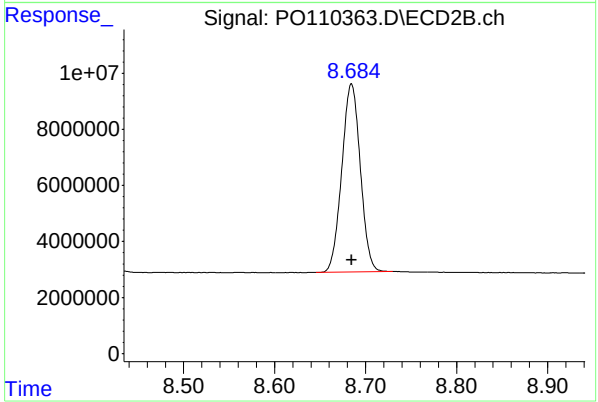
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 251933187
Conc: 50.00 ng/ml



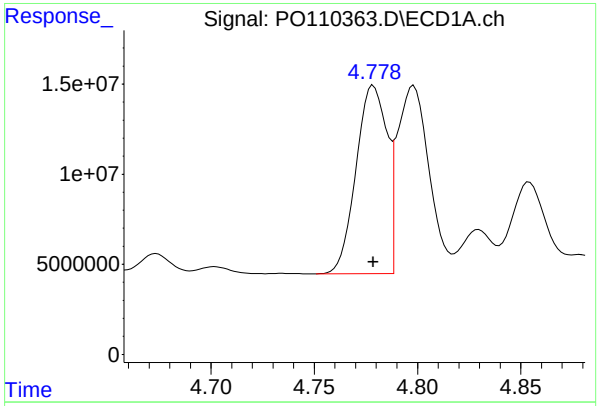
#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 401588257
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

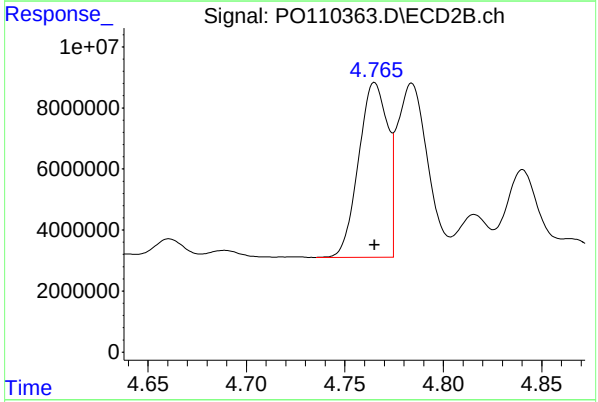
R.T.: 8.685 min
Delta R.T.: 0.000 min
Response: 95016625
Conc: 50.00 ng/ml



#21 AR-1248-1

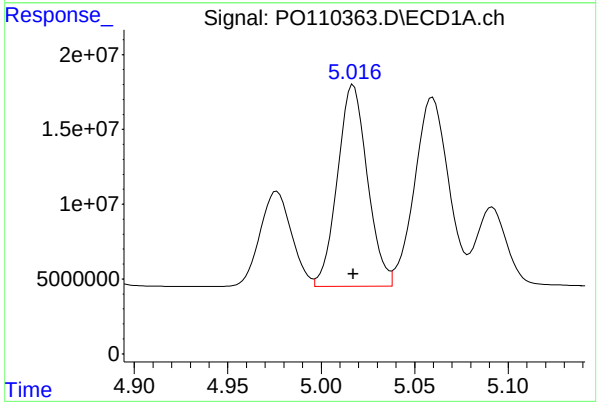
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 108940585
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



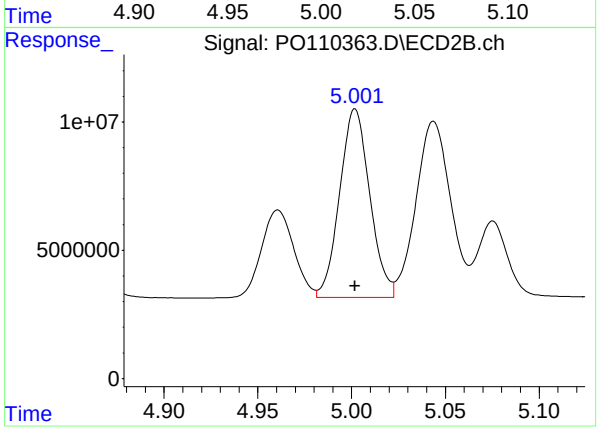
#21 AR-1248-1

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 58550593
Conc: 500.00 ng/ml



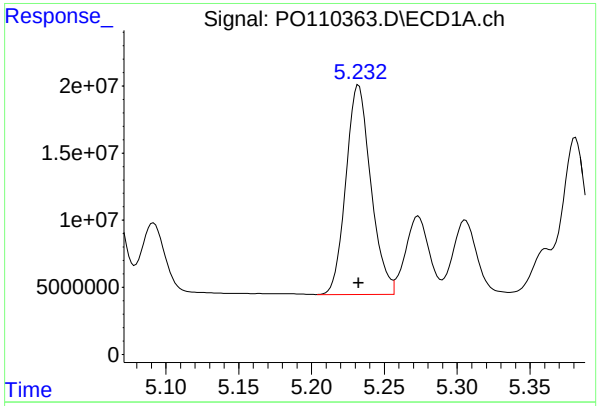
#22 AR-1248-2

R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 150111647
Conc: 500.00 ng/ml



#22 AR-1248-2

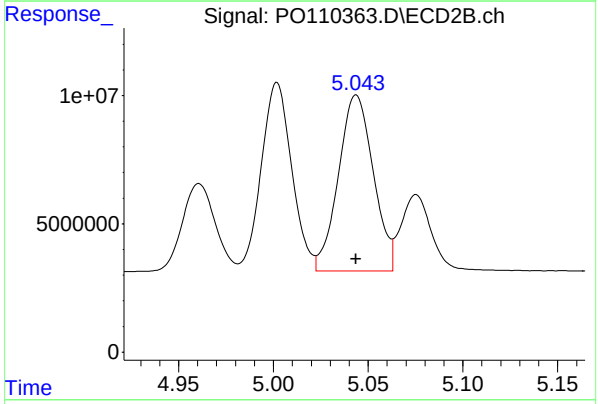
R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 82244273
Conc: 500.00 ng/ml



#23 AR-1248-3

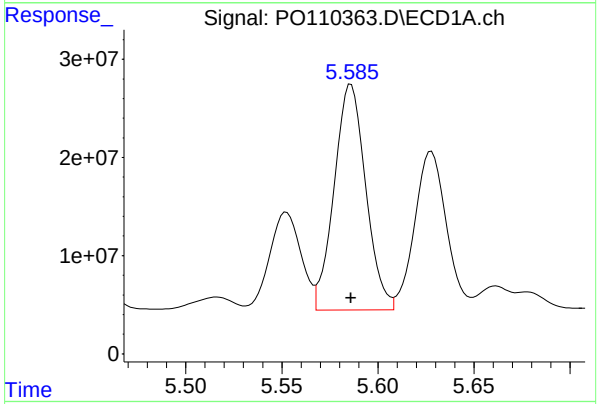
R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 186156063
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



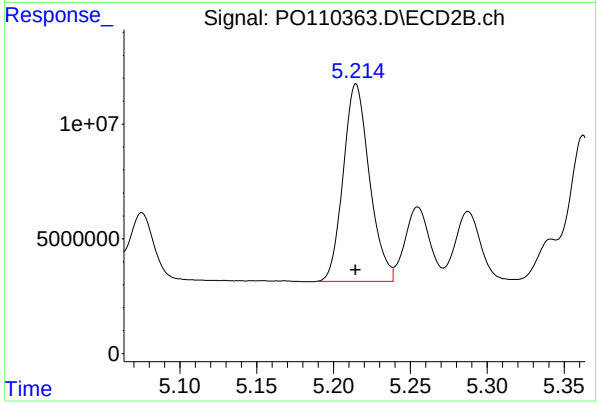
#23 AR-1248-3

R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 87926534
Conc: 500.00 ng/ml



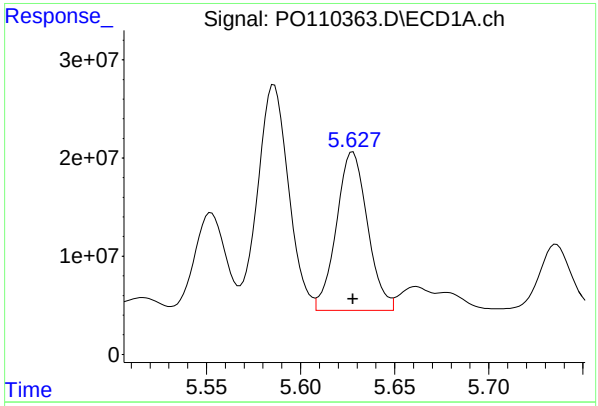
#24 AR-1248-4

R.T.: 5.586 min
Delta R.T.: 0.000 min
Response: 261938735
Conc: 500.00 ng/ml



#24 AR-1248-4

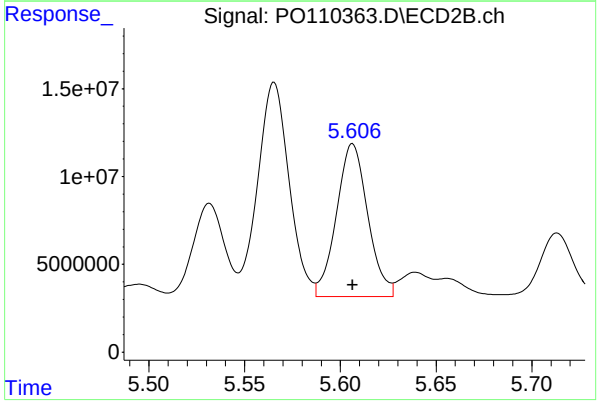
R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 102089672
Conc: 500.00 ng/ml



#25 AR-1248-5

R.T.: 5.628 min
Delta R.T.: 0.000 min
Response: 186243693
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



#25 AR-1248-5

R.T.: 5.606 min
Delta R.T.: 0.000 min
Response: 98954091
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110364.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 14:11
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: Apr 10 14:22:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 14:22:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.688	3.685	221.9E6	124.9E6	25.300	25.319
2)	SA Decachlor...	8.732	8.684	209.6E6	50390082	26.607	27.324
	Target Compounds						
21)	L5 AR-1248-1	4.779	4.766	56940091	30514286	268.339	267.663
22)	L5 AR-1248-2	5.018	5.002	78187177	43024876	268.755	270.149
23)	L5 AR-1248-3	5.232	5.044	100.5E6	46712689	274.798	272.972
24)	L5 AR-1248-4	5.586	5.214	138.1E6	54859460	269.040	273.671
25)	L5 AR-1248-5	5.628	5.607	98878039	52576565	270.532	270.499

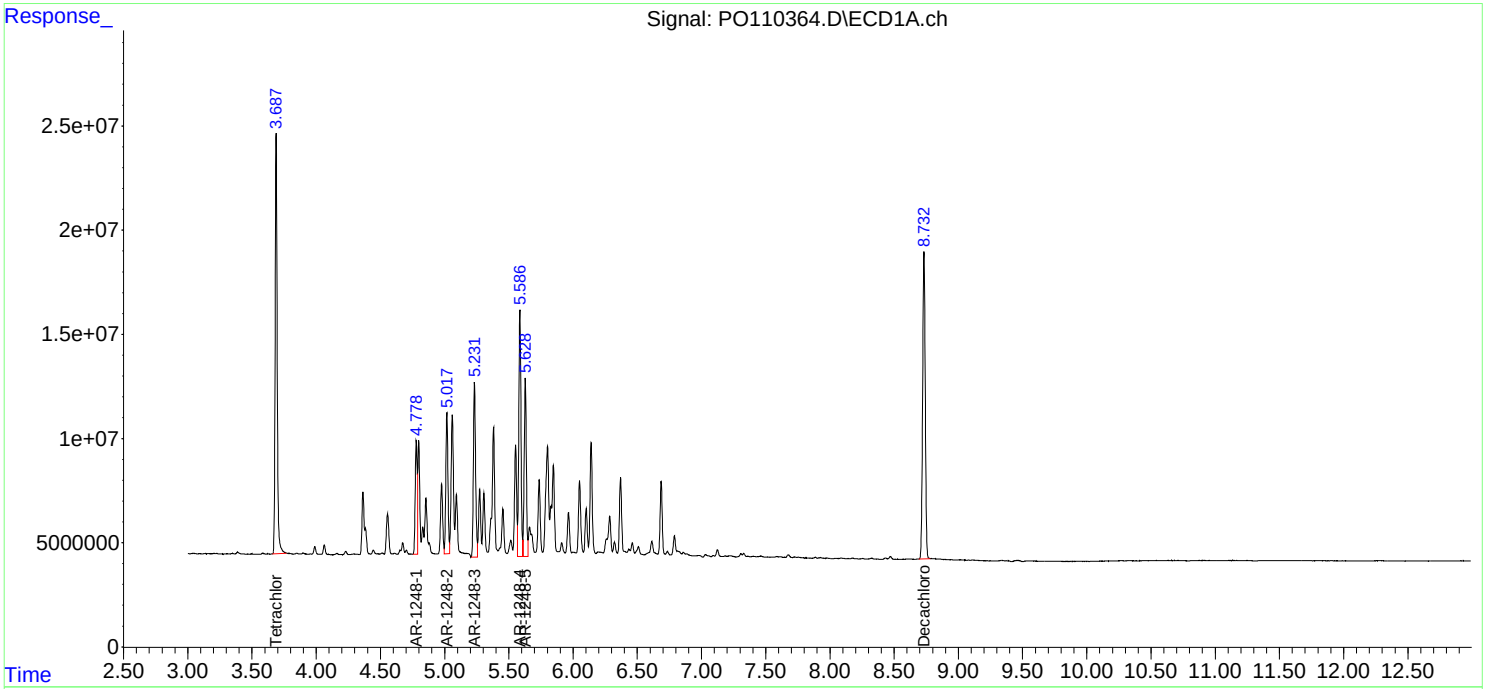
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

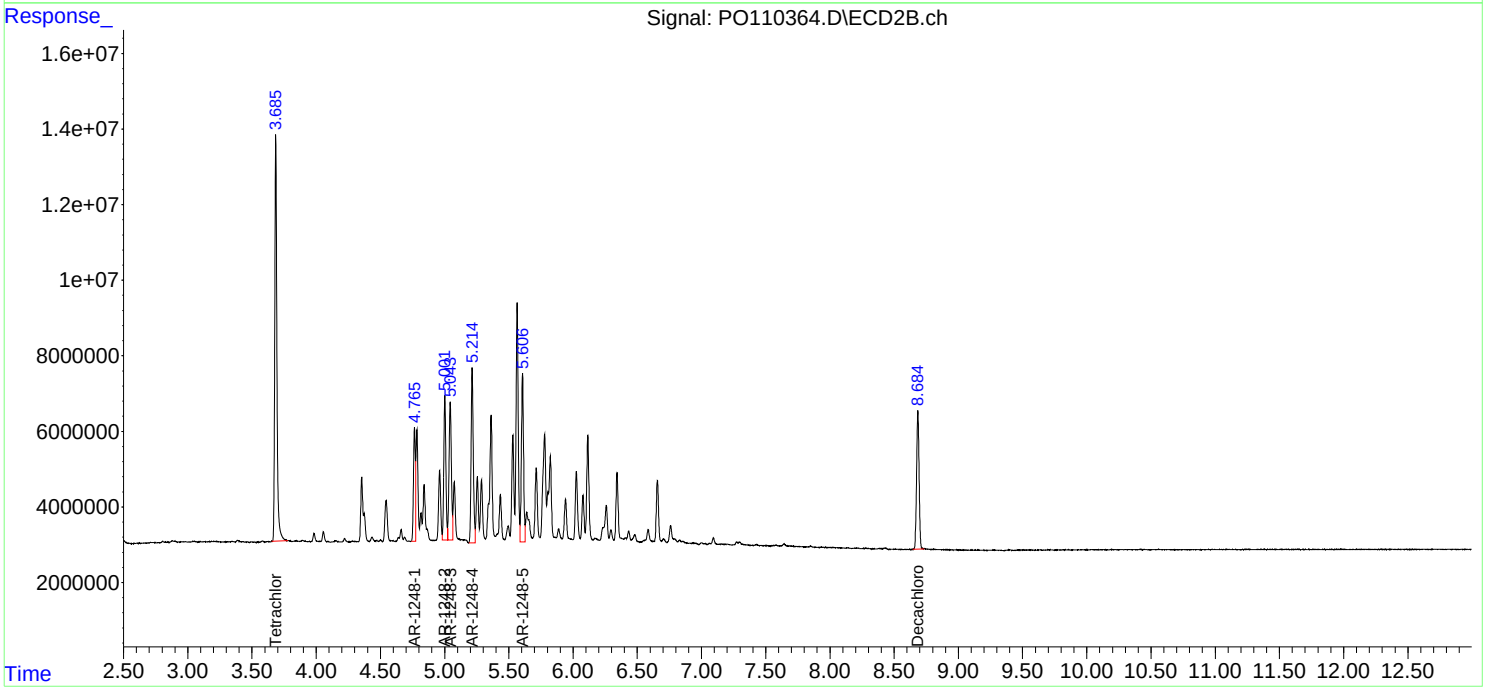
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110364.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 14:11
Operator : YP/AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

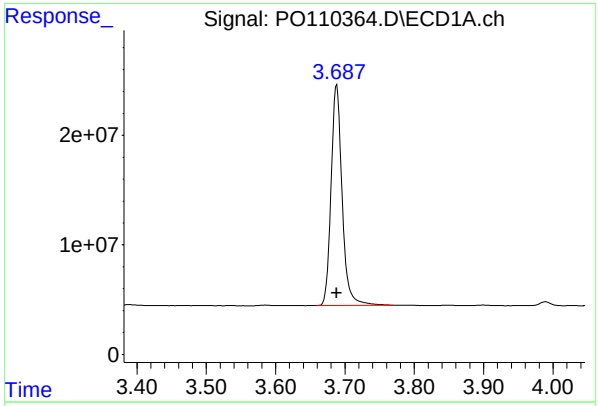
Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 14:22:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 14:22:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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



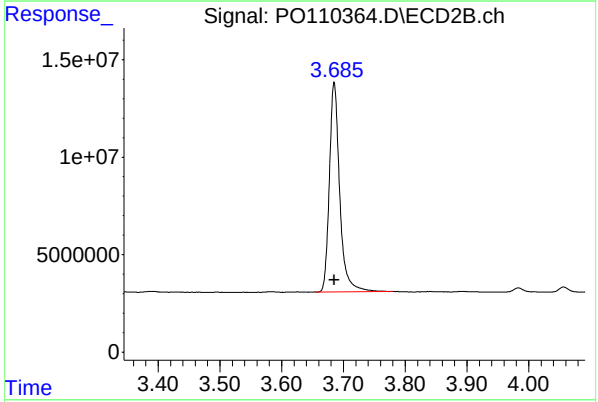




#1 Tetrachloro-m-xylene

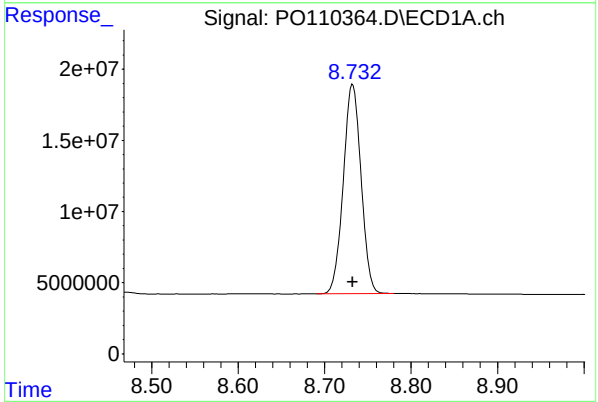
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 221895724
Conc: 25.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



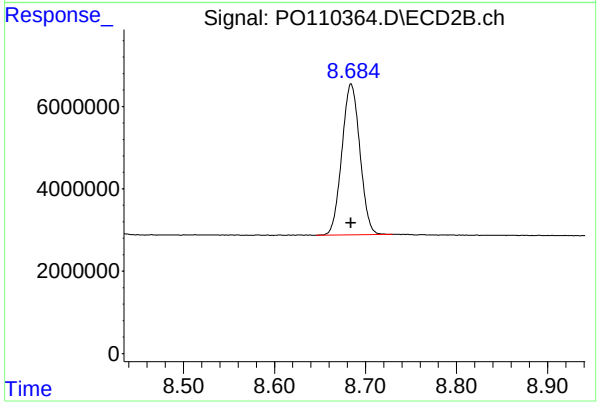
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 124938500
Conc: 25.32 ng/ml



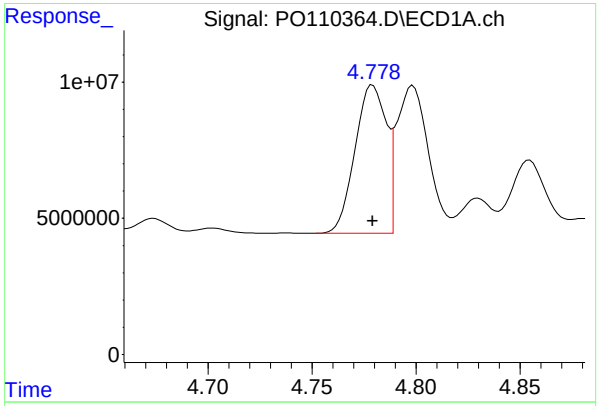
#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 209558937
Conc: 26.61 ng/ml



#2 Decachlorobiphenyl

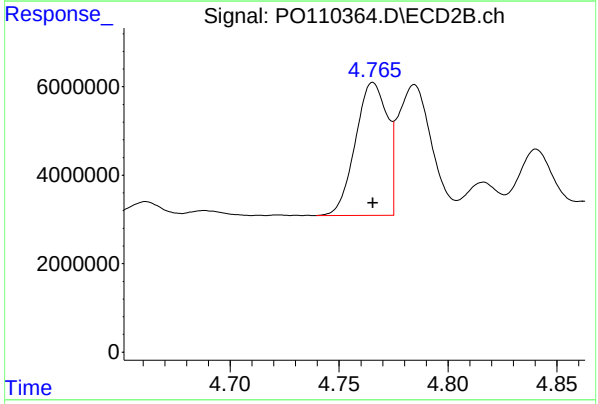
R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 50390082
Conc: 27.32 ng/ml



#21 AR-1248-1

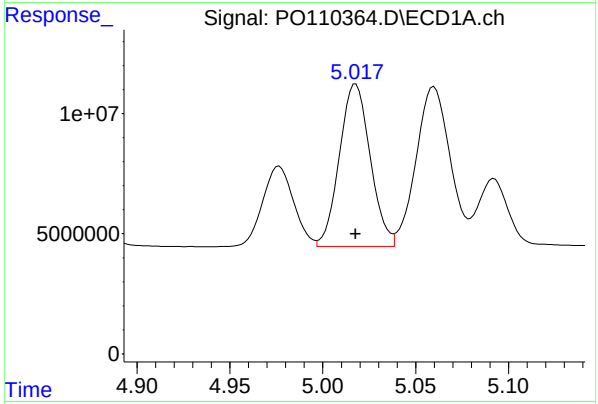
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 56940091
Conc: 268.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



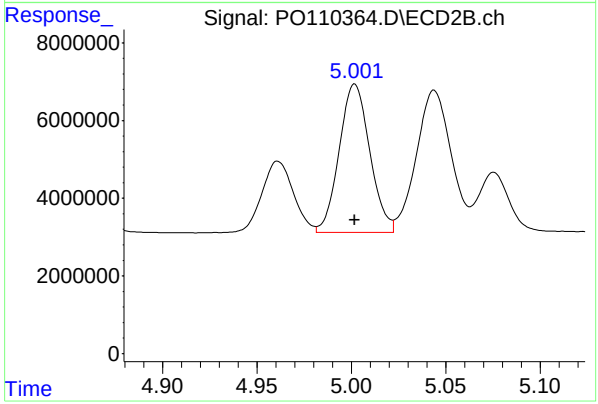
#21 AR-1248-1

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 30514286
Conc: 267.66 ng/ml



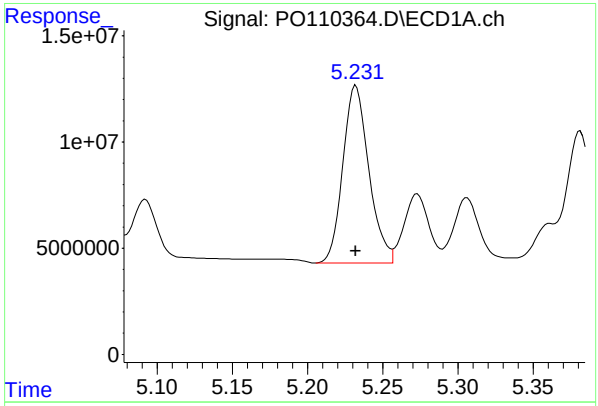
#22 AR-1248-2

R.T.: 5.018 min
Delta R.T.: 0.000 min
Response: 78187177
Conc: 268.76 ng/ml



#22 AR-1248-2

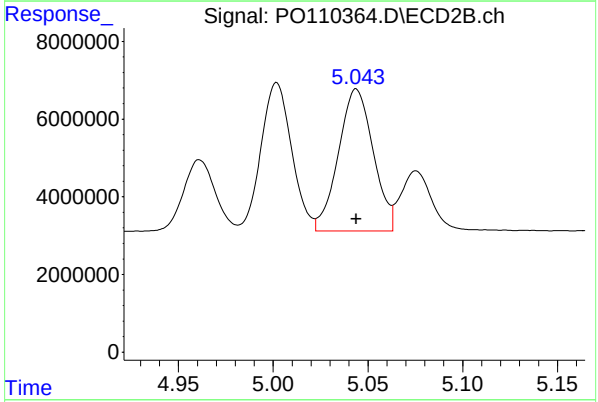
R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 43024876
Conc: 270.15 ng/ml



#23 AR-1248-3

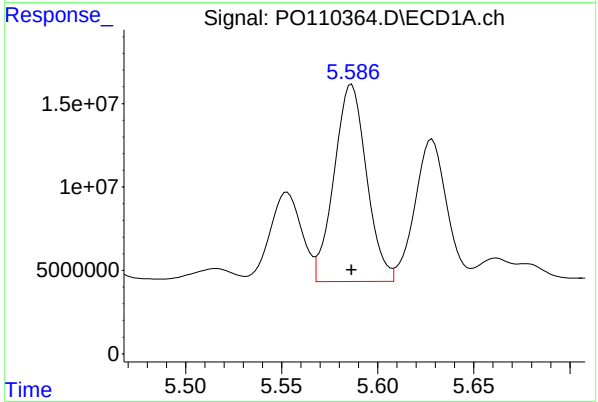
R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 100514618
Conc: 274.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



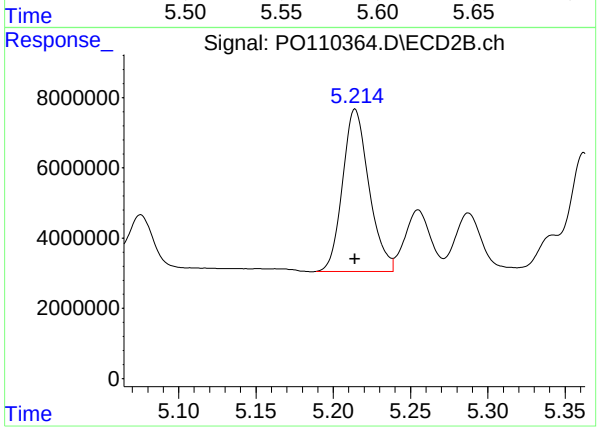
#23 AR-1248-3

R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 46712689
Conc: 272.97 ng/ml



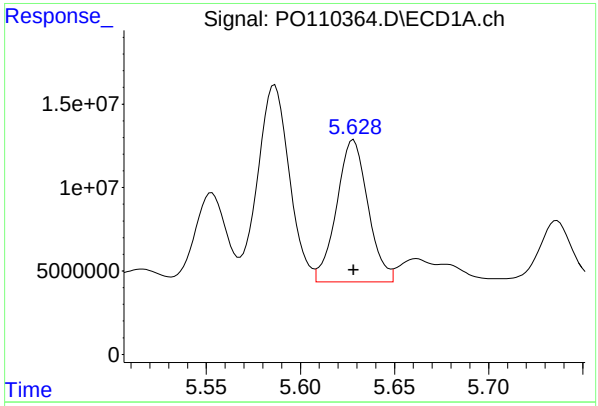
#24 AR-1248-4

R.T.: 5.586 min
Delta R.T.: 0.000 min
Response: 138141162
Conc: 269.04 ng/ml



#24 AR-1248-4

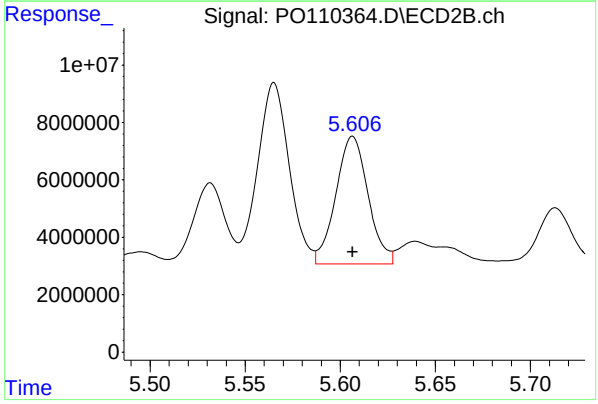
R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 54859460
Conc: 273.67 ng/ml



#25 AR-1248-5

R.T.: 5.628 min
Delta R.T.: 0.000 min
Response: 98878039
Conc: 270.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



#25 AR-1248-5

R.T.: 5.607 min
Delta R.T.: 0.000 min
Response: 52576565
Conc: 270.50 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110365.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 14:30
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: Apr 10 14:40:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 14:40:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.687	3.684	39393478	22189412	4.585	4.589
2)	SA Decachlor...	8.731	8.683	41107420	10123504	5.174	5.384
	Target Compounds						
21)	L5 AR-1248-1	4.778	4.764	10770182	5982472	50.603	51.962
22)	L5 AR-1248-2	5.017	5.001	15796625	8867896	53.380	54.443
23)	L5 AR-1248-3	5.231	5.043	19335025	9738708	52.262	55.379
24)	L5 AR-1248-4	5.585	5.214	27315770	10828083	52.527	53.163
25)	L5 AR-1248-5	5.627	5.605	19257467	10475122	52.128	53.067

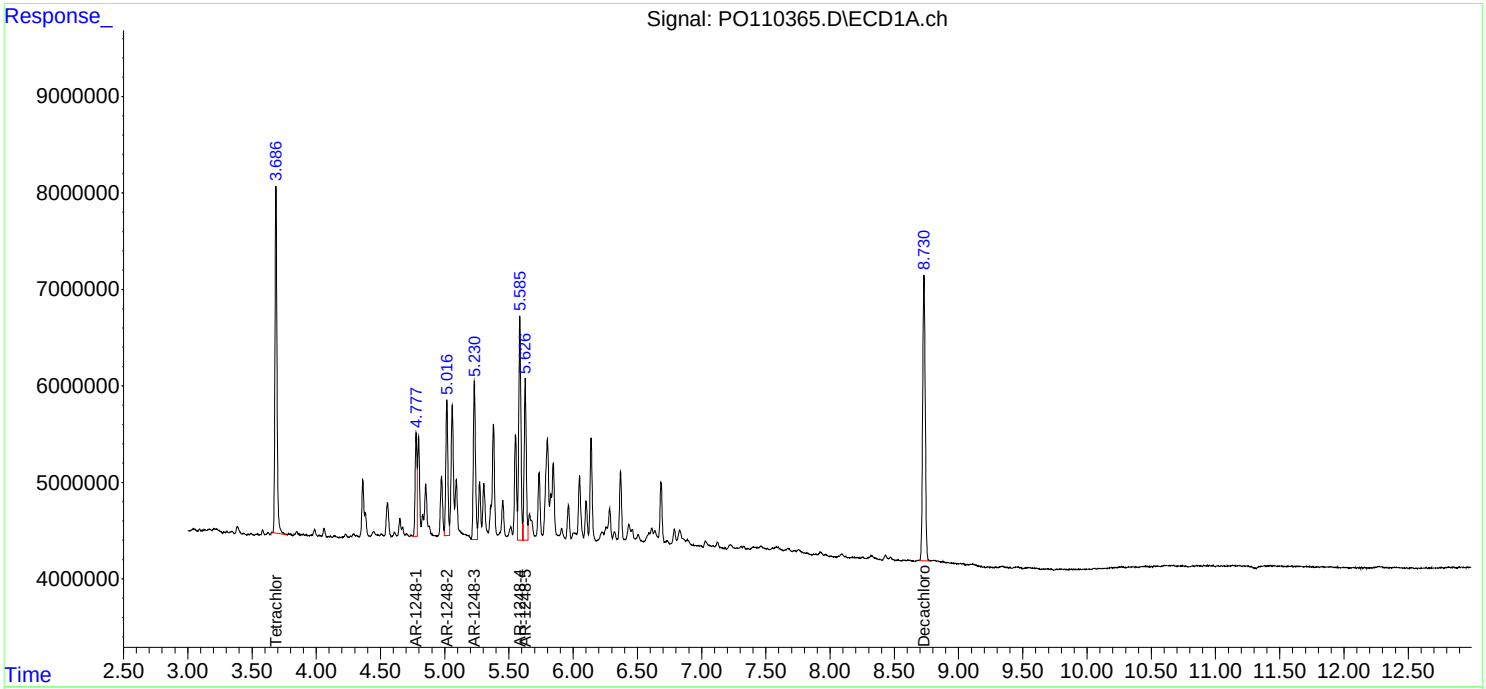
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

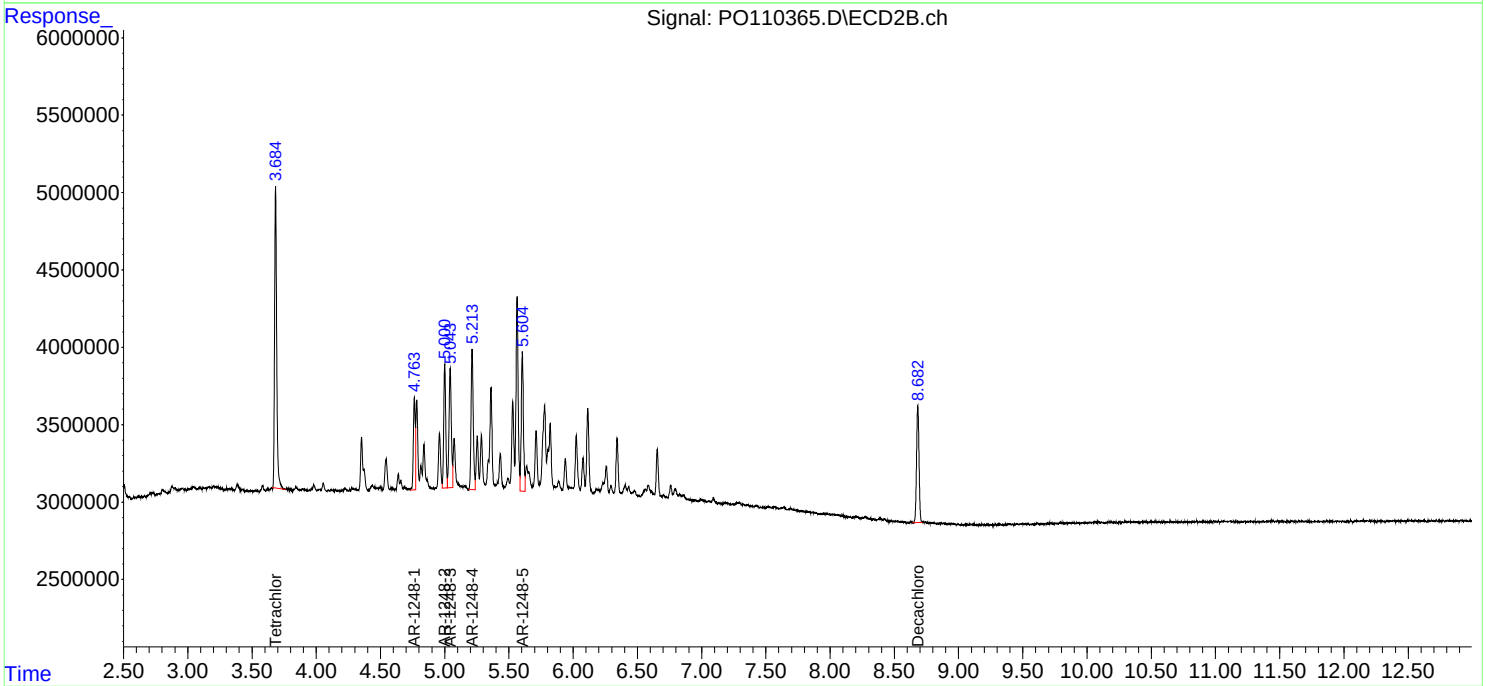
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110365.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 14:30
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

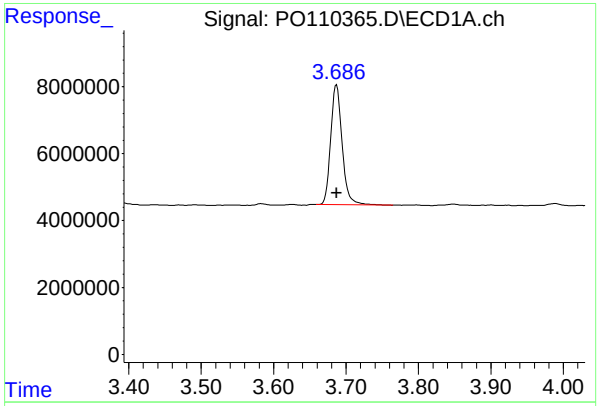
Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 14:40:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 14:40:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



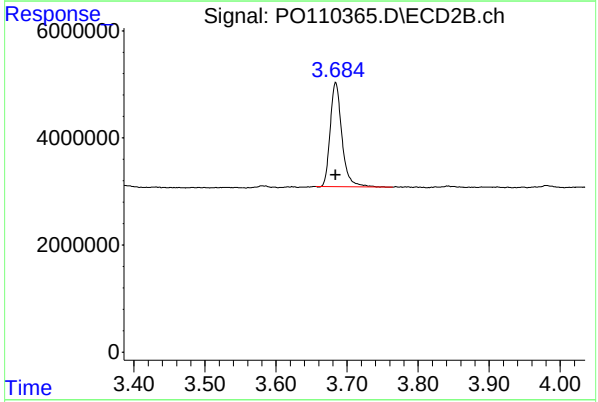




#1 Tetrachloro-m-xylene

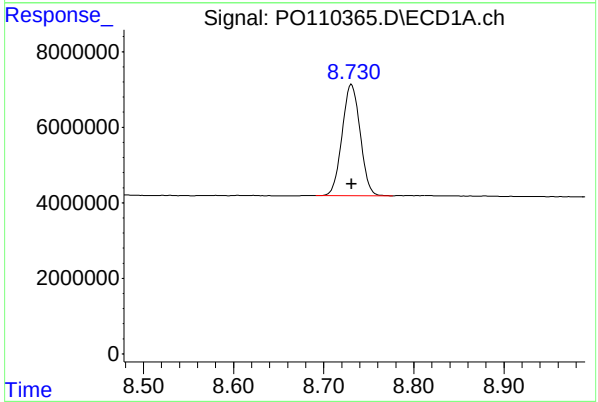
R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 39393478
Conc: 4.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



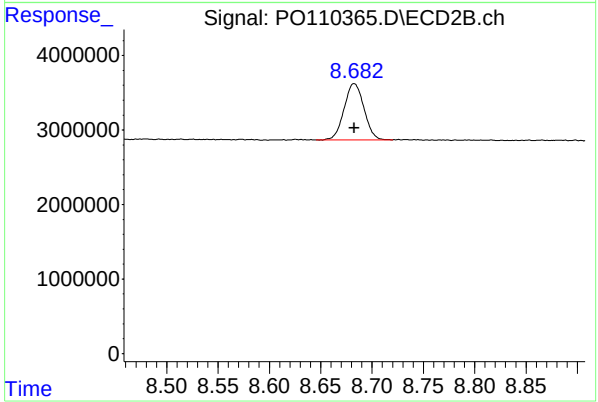
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 22189412
Conc: 4.59 ng/ml



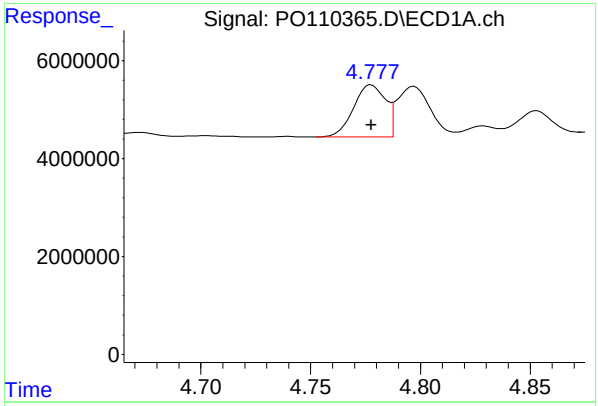
#2 Decachlorobiphenyl

R.T.: 8.731 min
Delta R.T.: 0.000 min
Response: 41107420
Conc: 5.17 ng/ml



#2 Decachlorobiphenyl

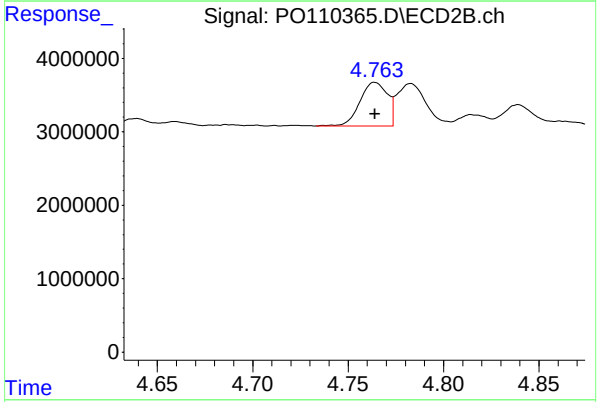
R.T.: 8.683 min
Delta R.T.: 0.000 min
Response: 10123504
Conc: 5.38 ng/ml



#21 AR-1248-1

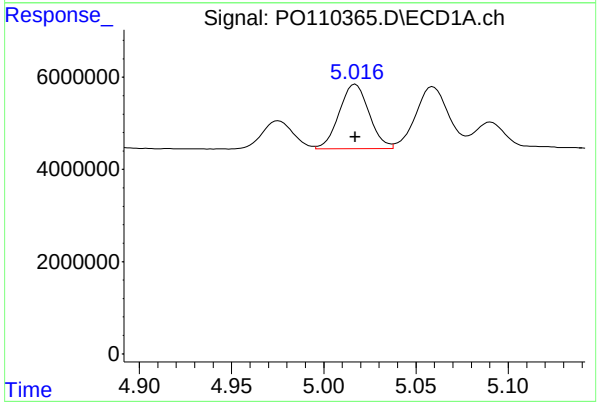
R.T.: 4.778 min
Delta R.T.: 0.000 min
Response: 10770182
Conc: 50.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



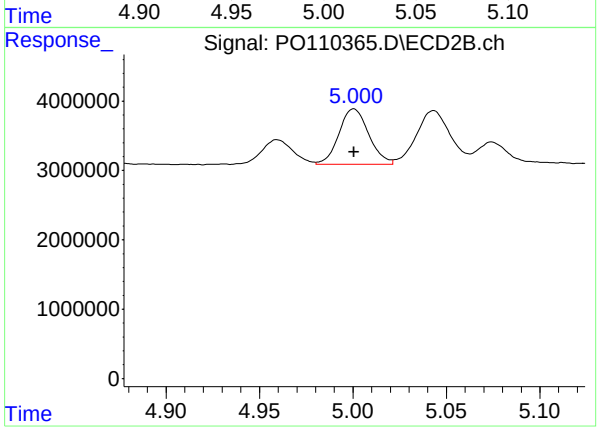
#21 AR-1248-1

R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 5982472
Conc: 51.96 ng/ml



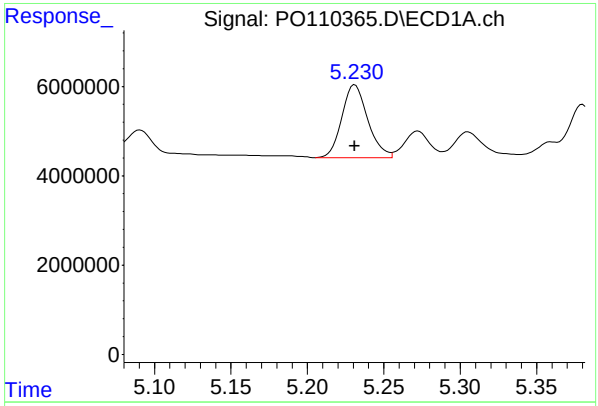
#22 AR-1248-2

R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 15796625
Conc: 53.38 ng/ml



#22 AR-1248-2

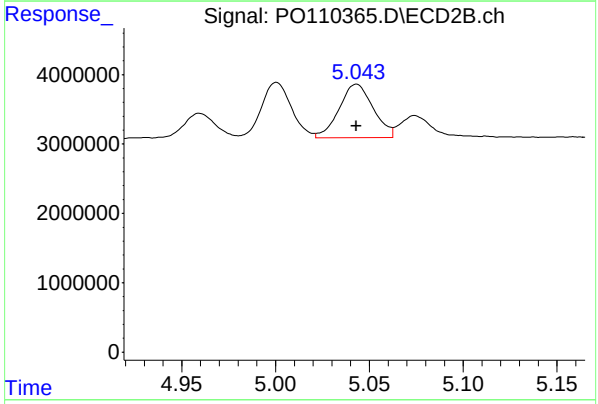
R.T.: 5.001 min
Delta R.T.: 0.000 min
Response: 8867896
Conc: 54.44 ng/ml



#23 AR-1248-3

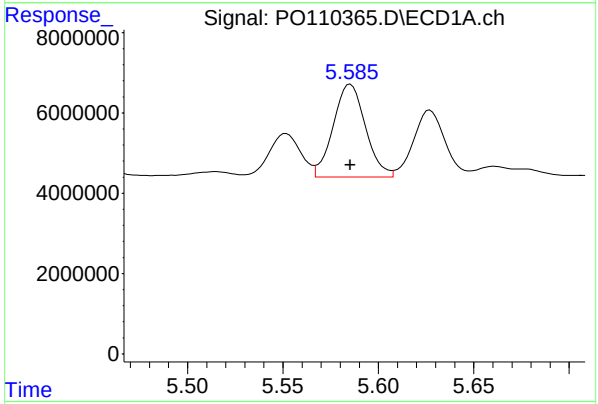
R.T.: 5.231 min
Delta R.T.: 0.000 min
Response: 19335025
Conc: 52.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



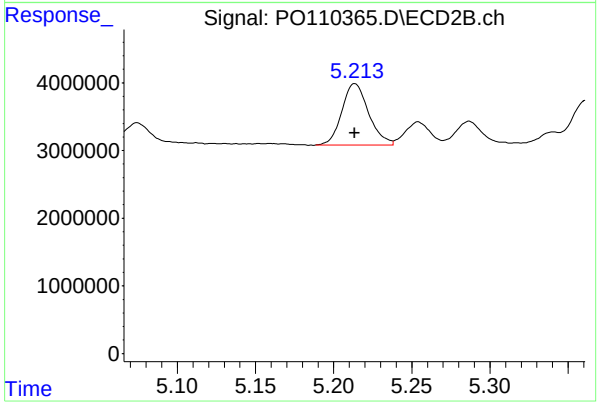
#23 AR-1248-3

R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 9738708
Conc: 55.38 ng/ml



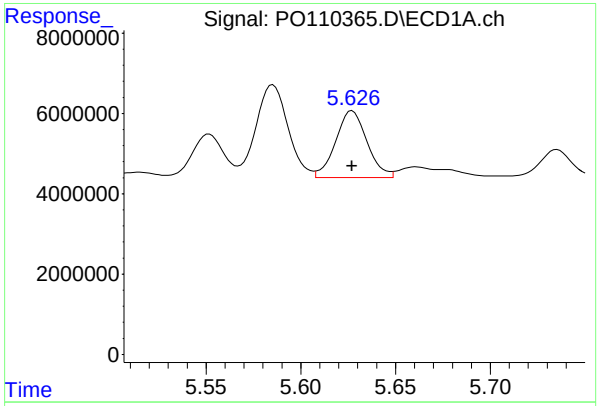
#24 AR-1248-4

R.T.: 5.585 min
Delta R.T.: 0.000 min
Response: 27315770
Conc: 52.53 ng/ml



#24 AR-1248-4

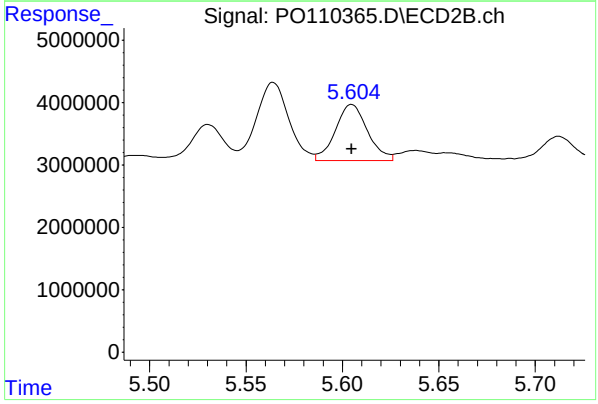
R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 10828083
Conc: 53.16 ng/ml



#25 AR-1248-5

R.T.: 5.627 min
Delta R.T.: 0.000 min
Response: 19257467
Conc: 52.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



#25 AR-1248-5

R.T.: 5.605 min
Delta R.T.: 0.000 min
Response: 10475122
Conc: 53.07 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110366.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 14:48
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: Apr 10 15:41:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 15:38:18 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.688	3.685	866.5E6	486.6E6	99.747	99.926
2)	SA Decachlor...	8.733	8.684	761.3E6	167.3E6	96.636	93.604
	Target Compounds						
26)	L6 AR-1254-1	5.587	5.566	517.2E6	275.5E6	964.265	963.531
27)	L6 AR-1254-2	5.736	5.713	450.8E6	239.9E6	970.858	963.389
28)	L6 AR-1254-3	6.142	6.117	746.2E6	380.0E6	977.998	969.945
29)	L6 AR-1254-4	6.371	6.344	460.1E6	215.9E6	968.424	969.951
30)	L6 AR-1254-5	6.790	6.761	657.6E6	307.7E6	969.952	963.966

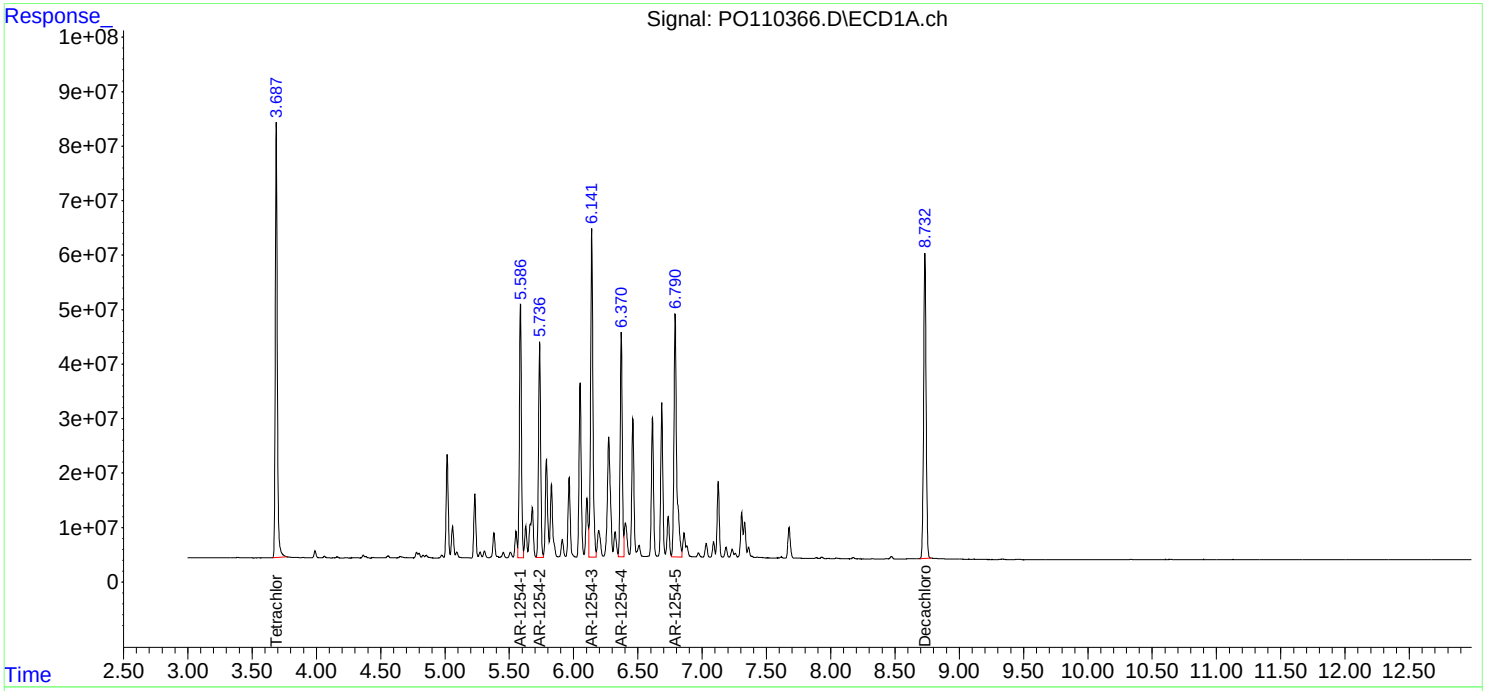
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

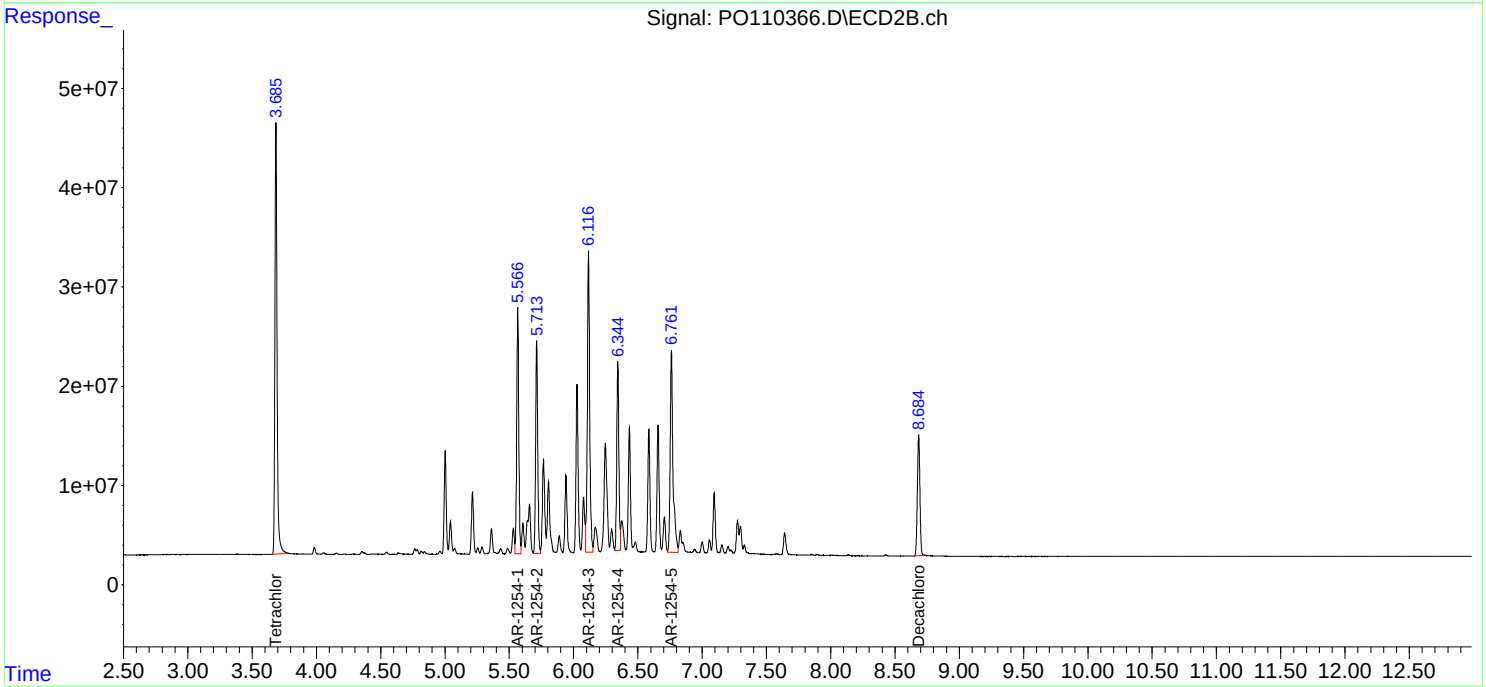
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110366.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 14:48
Operator : YP/AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

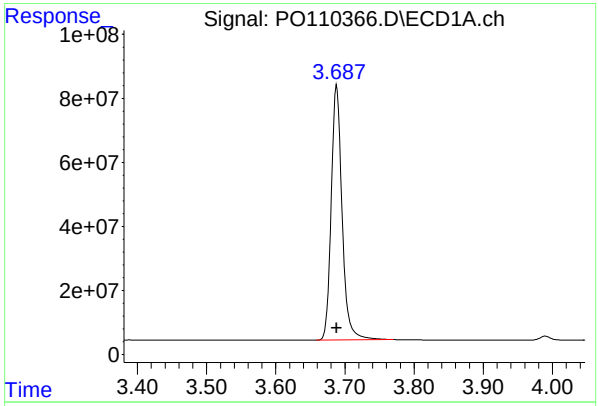
Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 15:41:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 15:38:18 2025
Response via : Initial Calibration
Integrator: ChemStation

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



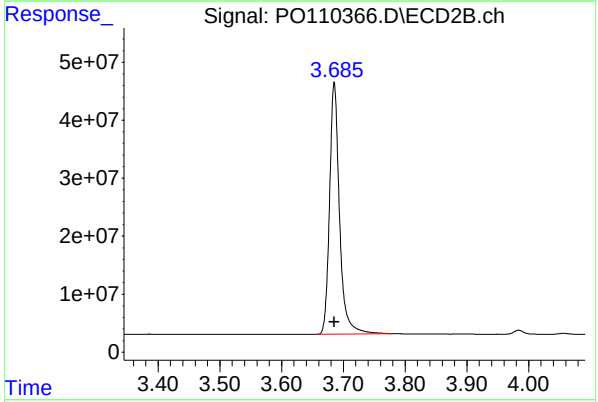




#1 Tetrachloro-m-xylene

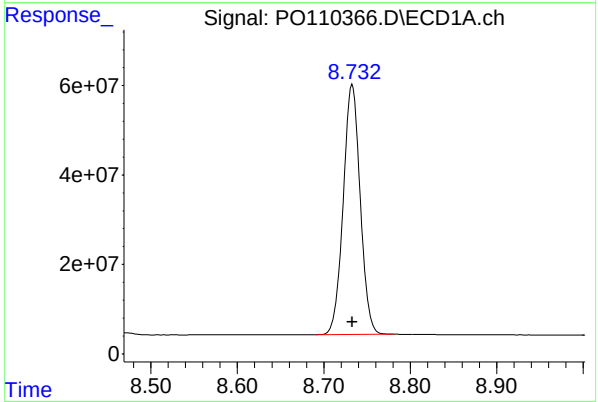
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 866509220
Conc: 99.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



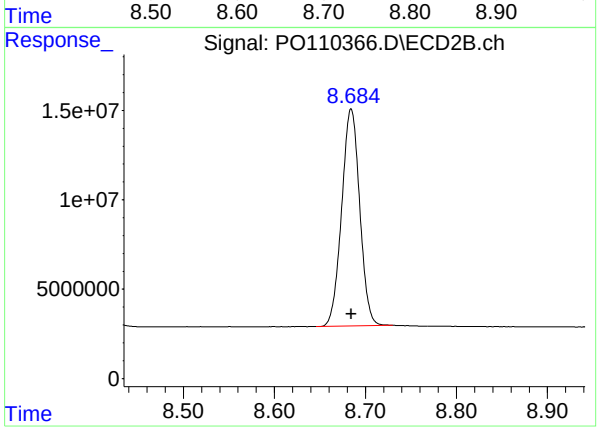
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 486562593
Conc: 99.93 ng/ml



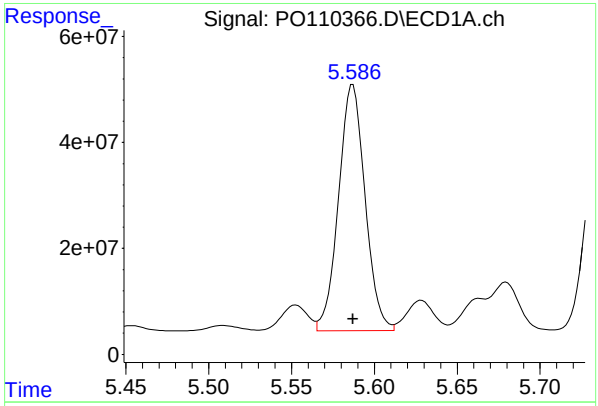
#2 Decachlorobiphenyl

R.T.: 8.733 min
Delta R.T.: 0.000 min
Response: 761299037
Conc: 96.64 ng/ml



#2 Decachlorobiphenyl

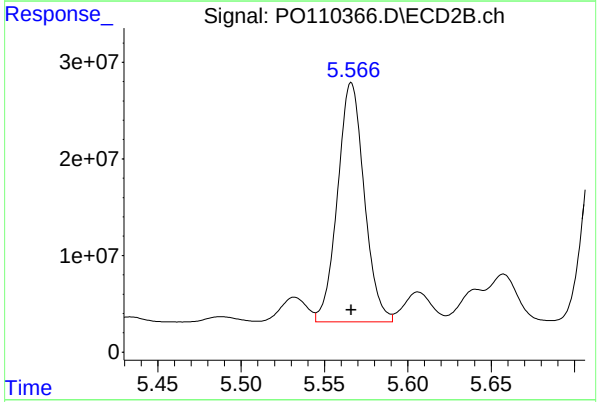
R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 167274258
Conc: 93.60 ng/ml



#26 AR-1254-1

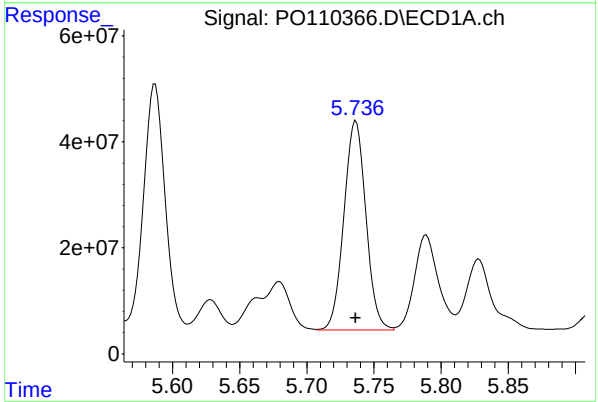
R.T.: 5.587 min
Delta R.T.: 0.000 min
Response: 517202507
Conc: 964.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



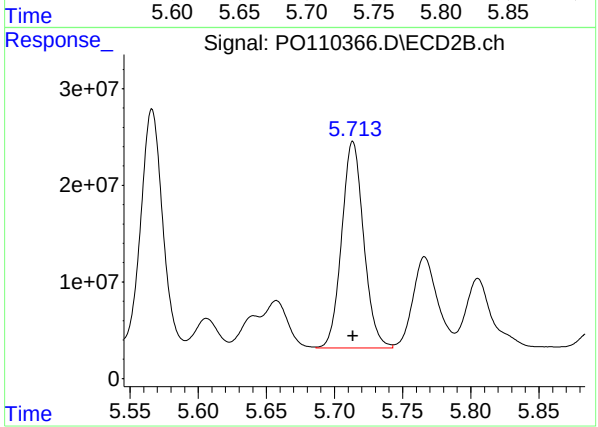
#26 AR-1254-1

R.T.: 5.566 min
Delta R.T.: 0.000 min
Response: 275528987
Conc: 963.53 ng/ml



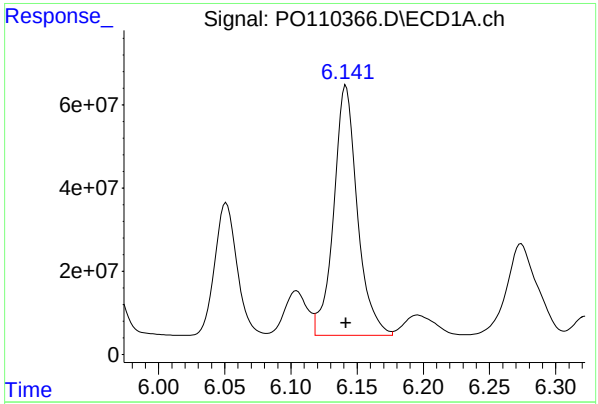
#27 AR-1254-2

R.T.: 5.736 min
Delta R.T.: 0.000 min
Response: 450798901
Conc: 970.86 ng/ml



#27 AR-1254-2

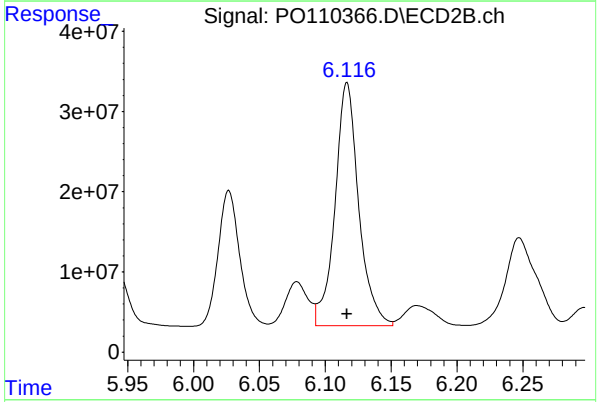
R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 239912515
Conc: 963.39 ng/ml



#28 AR-1254-3

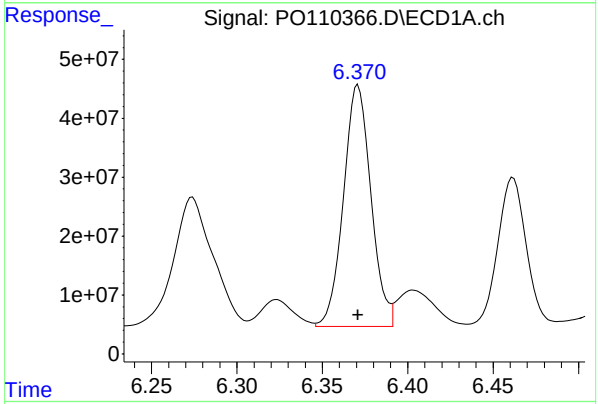
R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 746169545
Conc: 978.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



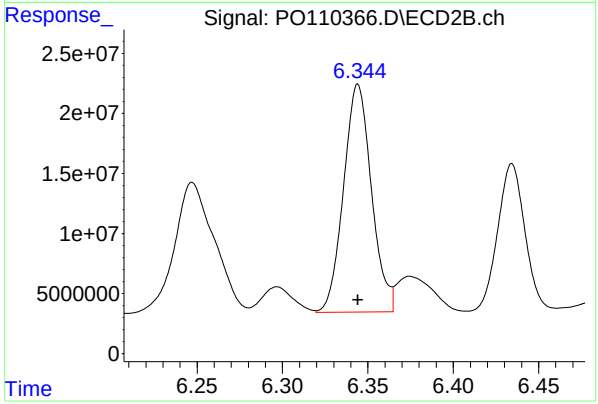
#28 AR-1254-3

R.T.: 6.117 min
Delta R.T.: 0.000 min
Response: 379979735
Conc: 969.94 ng/ml



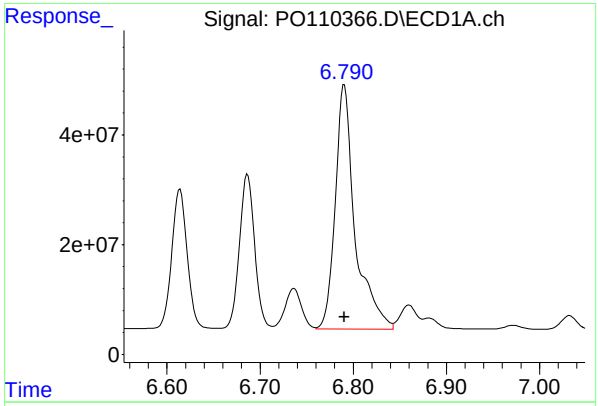
#29 AR-1254-4

R.T.: 6.371 min
Delta R.T.: 0.000 min
Response: 460149954
Conc: 968.42 ng/ml



#29 AR-1254-4

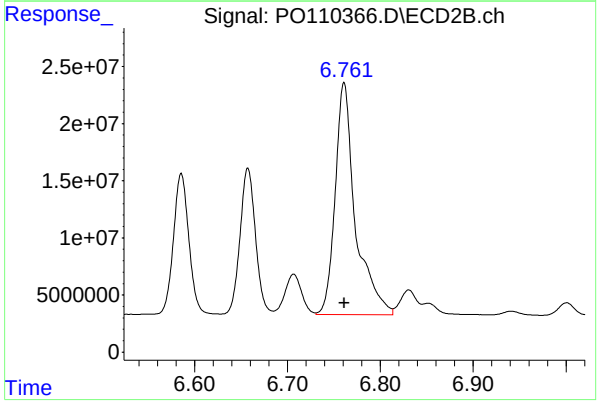
R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 215870098
Conc: 969.95 ng/ml



#30 AR-1254-5

R.T.: 6.790 min
Delta R.T.: 0.000 min
Response: 657635451
Conc: 969.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



#30 AR-1254-5

R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 307722172
Conc: 963.97 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110367.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 15:06
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: Apr 10 15:44:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 15:38:18 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.688	3.685	661.9E6	372.0E6	75.795	75.921
2)	SA Decachlor...	8.732	8.684	591.5E6	134.6E6	75.055	75.216
	Target Compounds						
26)	L6 AR-1254-1	5.587	5.566	402.3E6	214.0E6	750.022	748.992
27)	L6 AR-1254-2	5.736	5.714	351.2E6	186.9E6	754.162	750.330
28)	L6 AR-1254-3	6.141	6.116	576.8E6	294.3E6	754.032	750.876
29)	L6 AR-1254-4	6.370	6.344	355.5E6	166.8E6	748.724	749.718
30)	L6 AR-1254-5	6.790	6.761	508.6E6	239.6E6	750.141	750.401

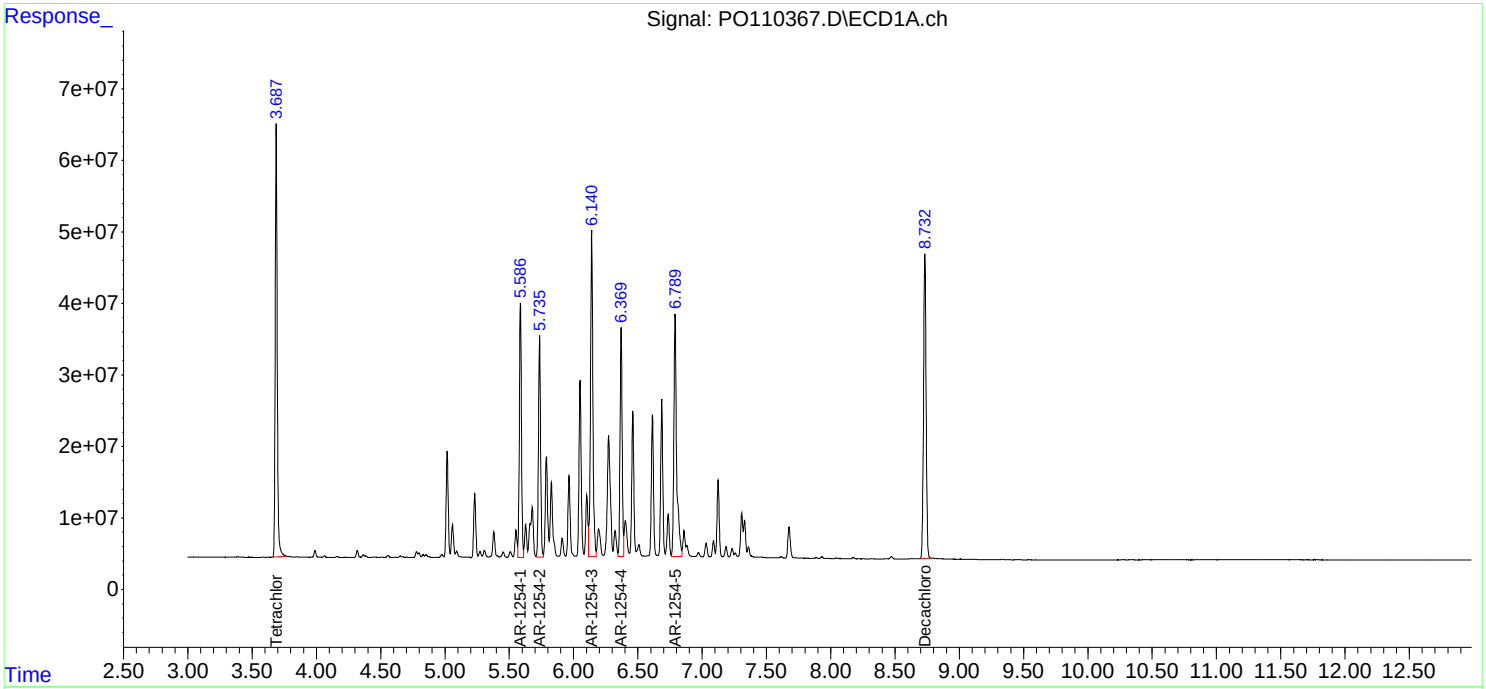
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

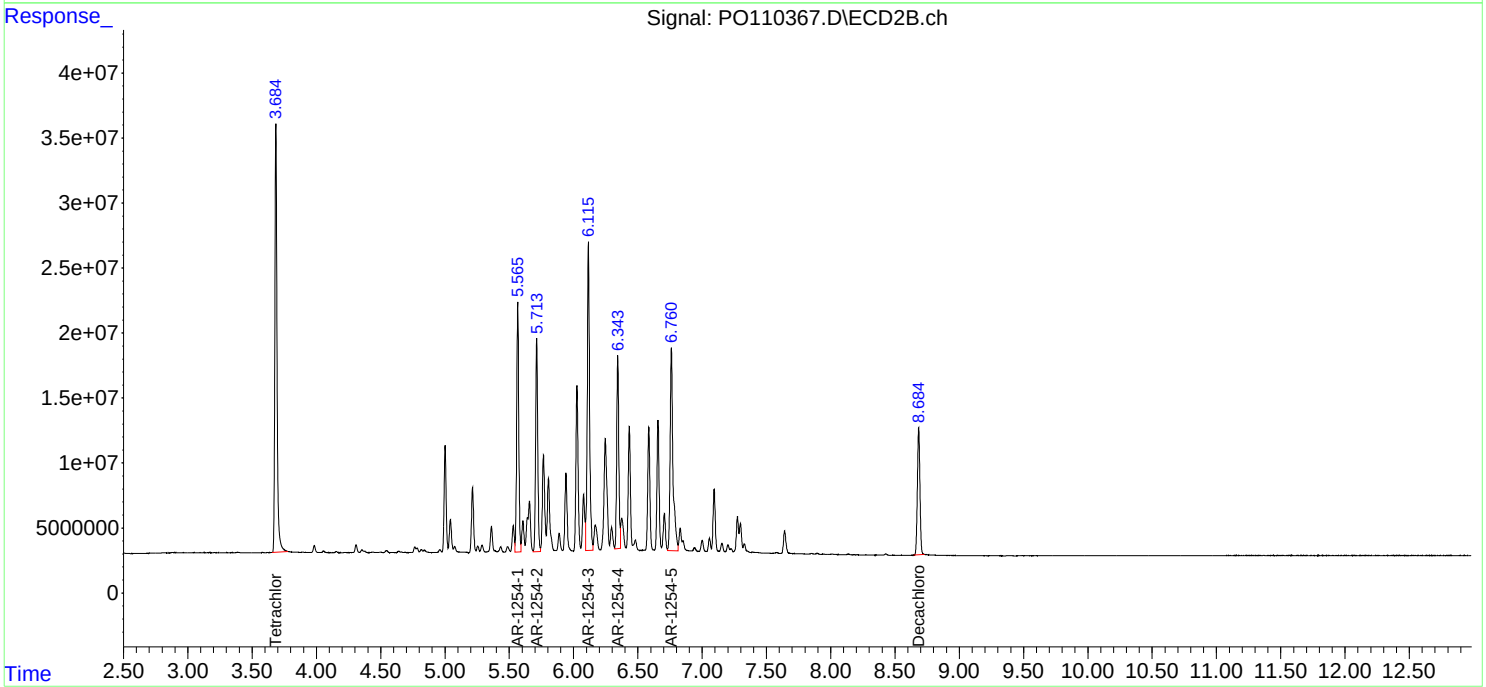
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110367.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 15:06
Operator : YP/AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

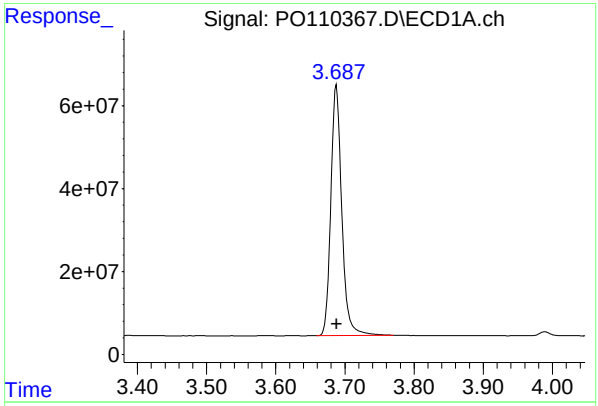
Instrument :
ECD_O
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 15:44:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 15:38:18 2025
Response via : Initial Calibration
Integrator: ChemStation

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



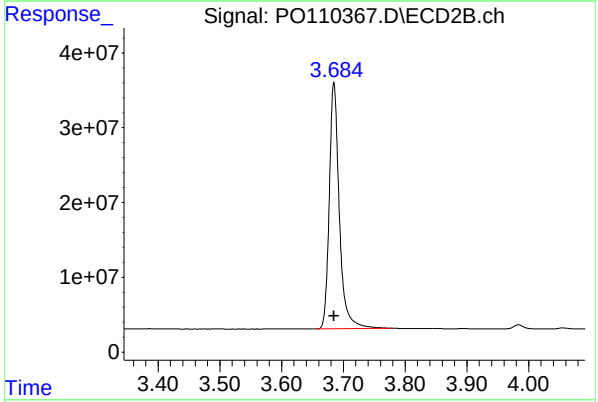




#1 Tetrachloro-m-xylene

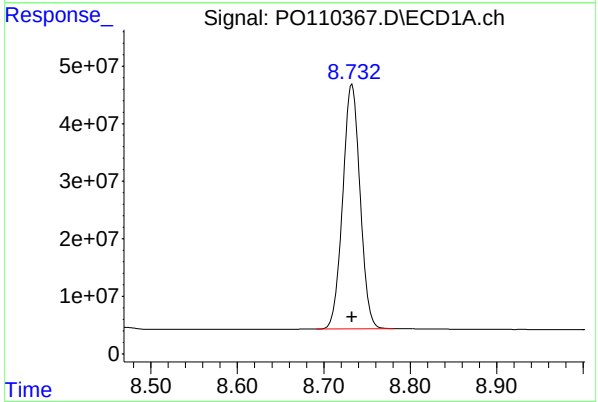
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 661947495
Conc: 75.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



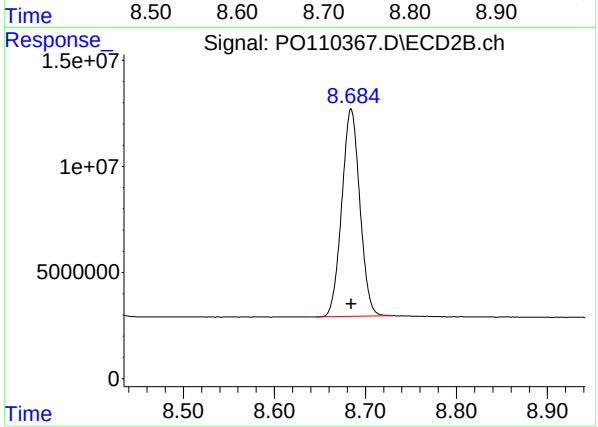
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 371957792
Conc: 75.92 ng/ml



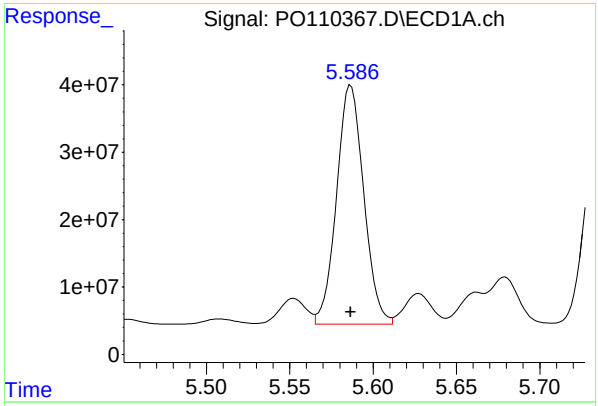
#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 591504276
Conc: 75.06 ng/ml



#2 Decachlorobiphenyl

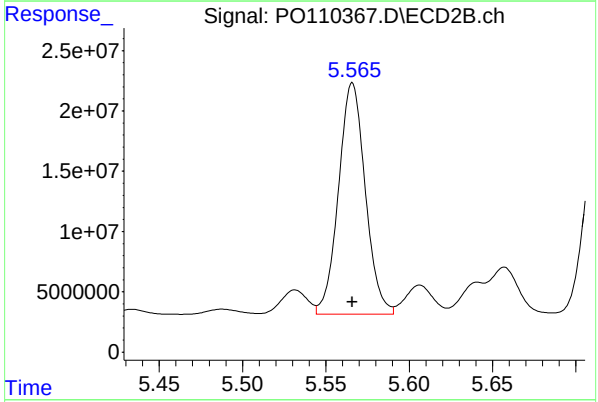
R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 134606126
Conc: 75.22 ng/ml



#26 AR-1254-1

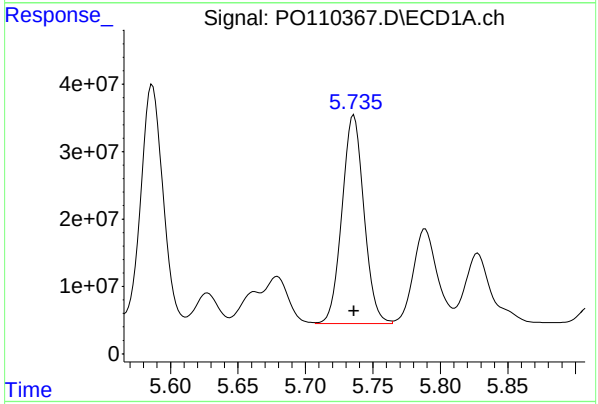
R.T.: 5.587 min
Delta R.T.: 0.000 min
Response: 402295349
Conc: 750.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



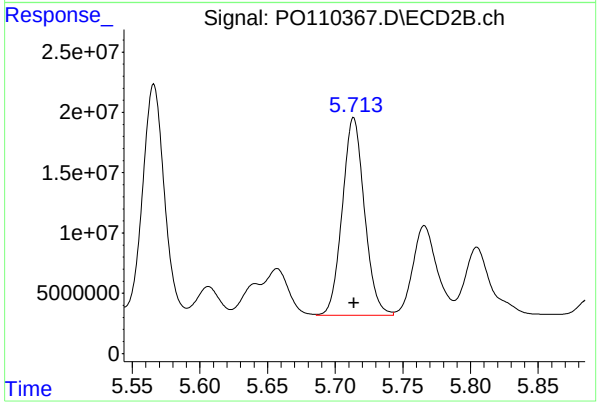
#26 AR-1254-1

R.T.: 5.566 min
Delta R.T.: 0.000 min
Response: 214036296
Conc: 748.99 ng/ml



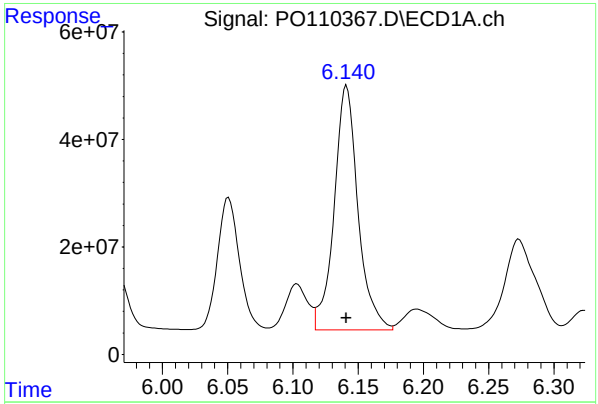
#27 AR-1254-2

R.T.: 5.736 min
Delta R.T.: 0.000 min
Response: 351154578
Conc: 754.16 ng/ml



#27 AR-1254-2

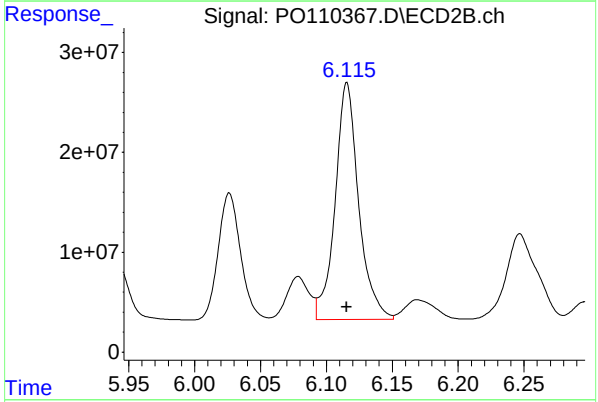
R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 186895371
Conc: 750.33 ng/ml



#28 AR-1254-3

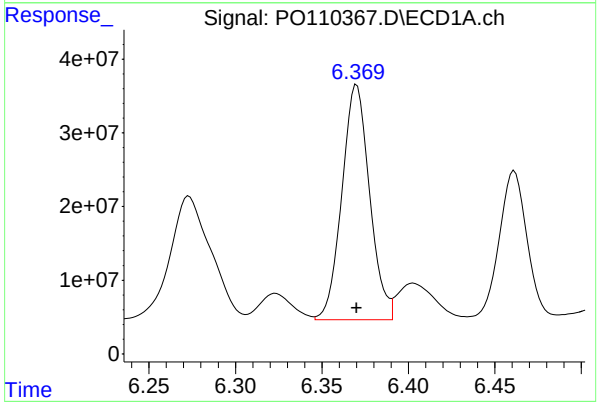
R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 576844096
Conc: 754.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



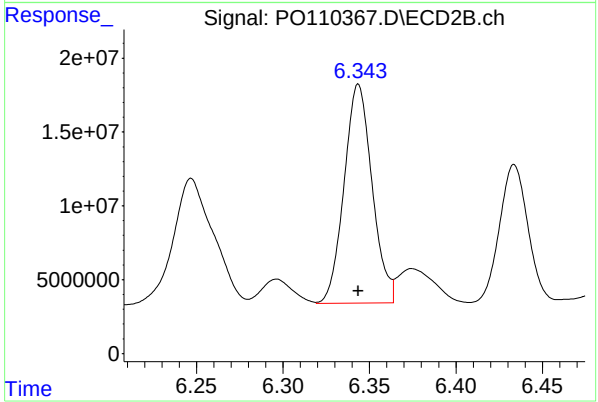
#28 AR-1254-3

R.T.: 6.116 min
Delta R.T.: 0.000 min
Response: 294330716
Conc: 750.88 ng/ml



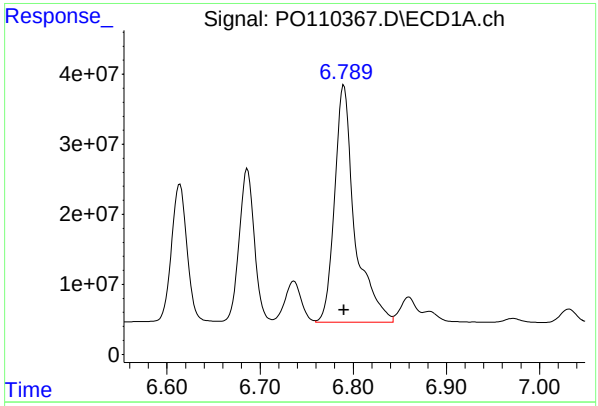
#29 AR-1254-4

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 355456258
Conc: 748.72 ng/ml



#29 AR-1254-4

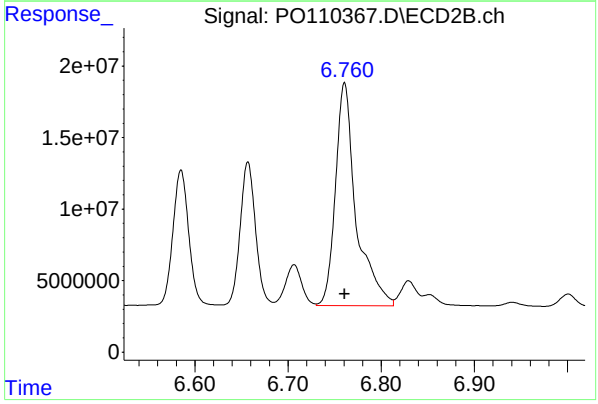
R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 166824313
Conc: 749.72 ng/ml



#30 AR-1254-5

R.T.: 6.790 min
Delta R.T.: 0.000 min
Response: 508649044
Conc: 750.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



#30 AR-1254-5

R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 239610761
Conc: 750.40 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110368.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 15:25
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: Apr 10 15:38:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 15:38:18 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.688	3.685	435.5E6	243.6E6	50.000	50.000
2)	SA Decachlor...	8.733	8.684	407.1E6	95066339	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	5.587	5.566	277.8E6	148.2E6	500.000	500.000
27)	L6 AR-1254-2	5.735	5.714	238.9E6	129.1E6	500.000	500.000
28)	L6 AR-1254-3	6.141	6.115	389.9E6	201.8E6	500.000	500.000
29)	L6 AR-1254-4	6.370	6.343	245.1E6	114.6E6	500.000	500.000
30)	L6 AR-1254-5	6.790	6.761	349.2E6	165.4E6	500.000	500.000

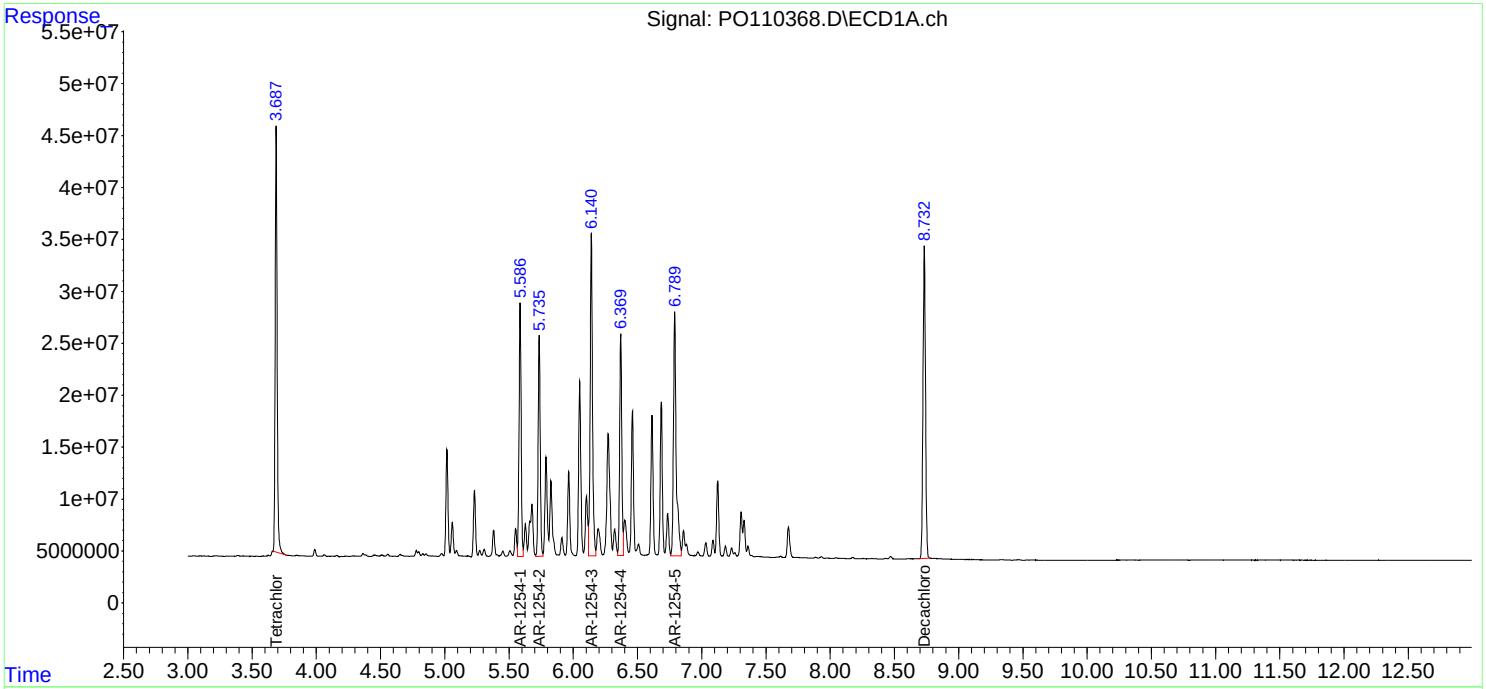
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

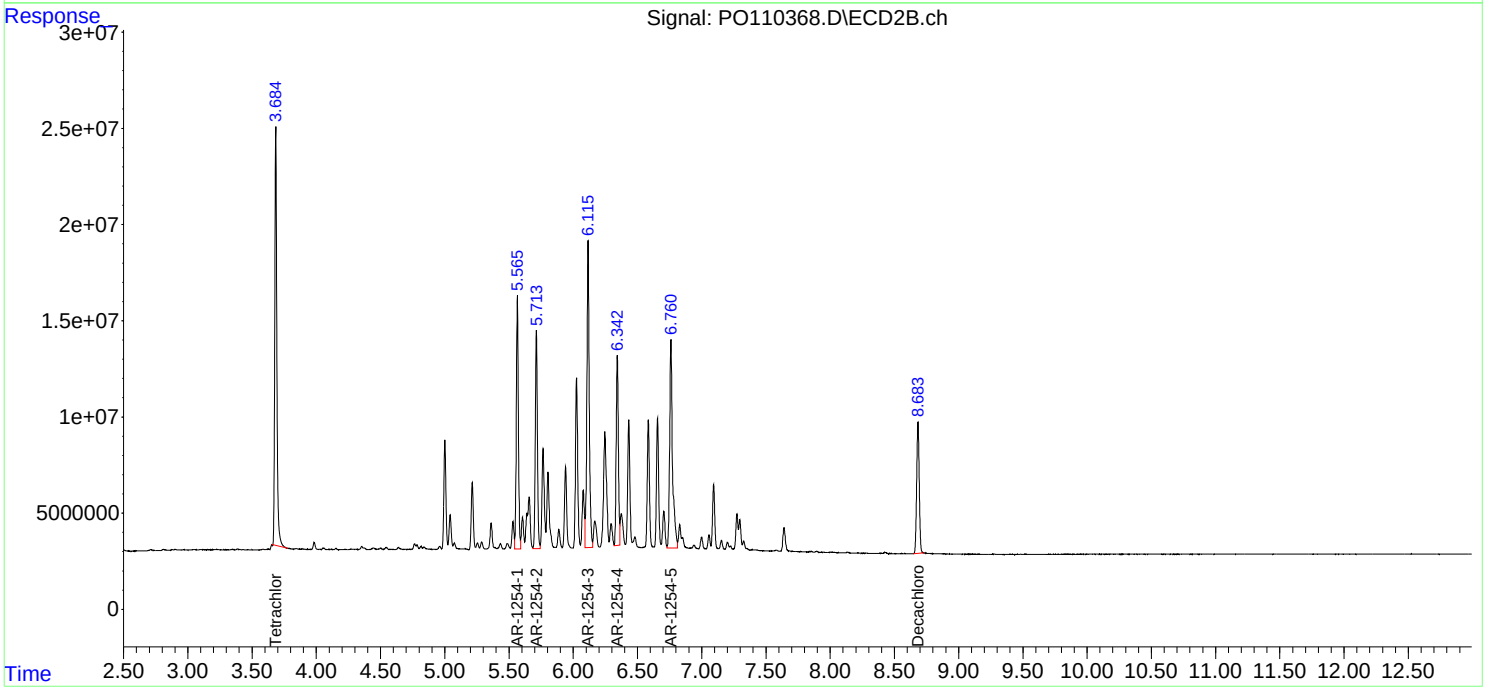
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110368.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 15:25
Operator : YP/AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

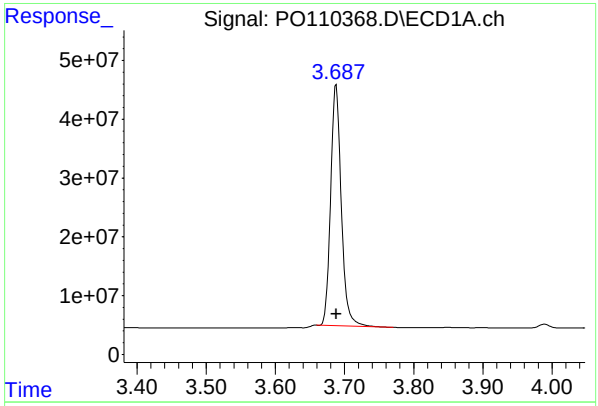
Instrument :
ECD_O
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 15:38:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 15:38:18 2025
Response via : Initial Calibration
Integrator: ChemStation

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



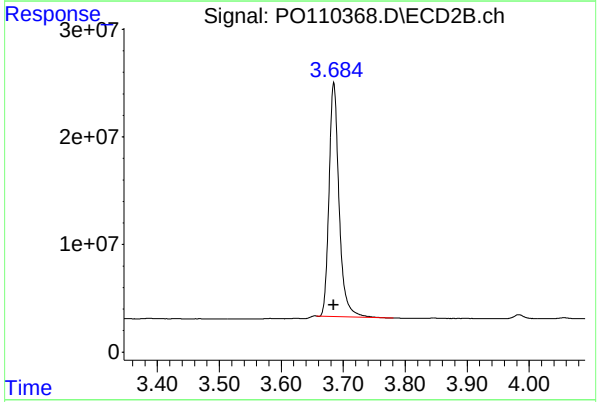




#1 Tetrachloro-m-xylene

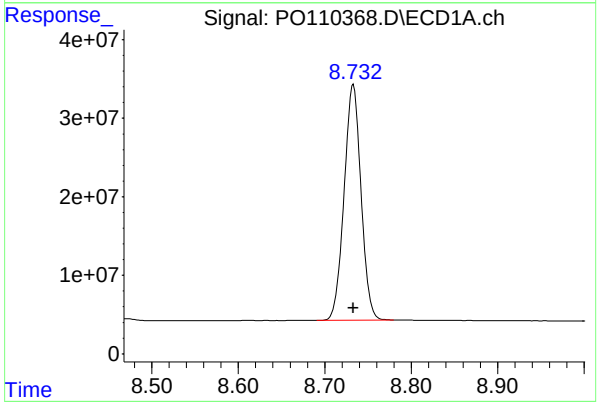
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 435455612
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



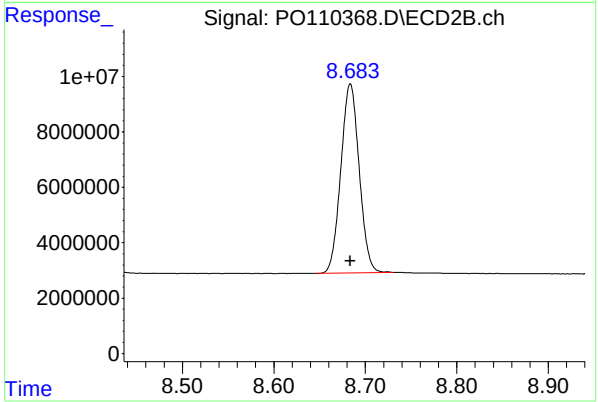
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 243639570
Conc: 50.00 ng/ml



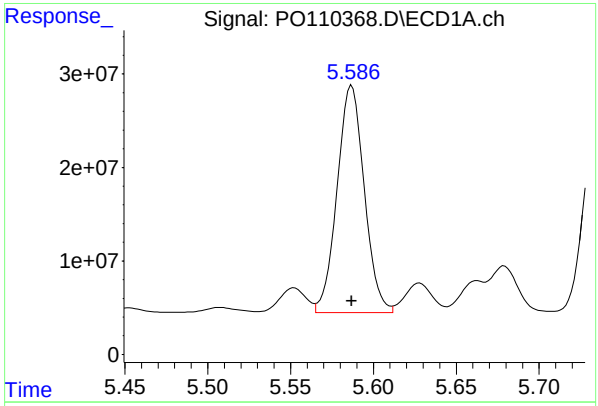
#2 Decachlorobiphenyl

R.T.: 8.733 min
Delta R.T.: 0.000 min
Response: 407149192
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

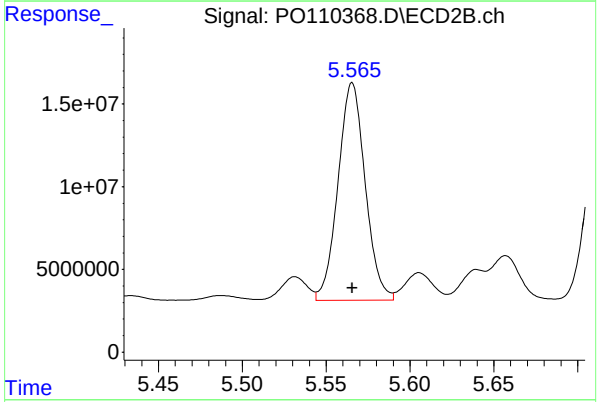
R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 95066339
Conc: 50.00 ng/ml



#26 AR-1254-1

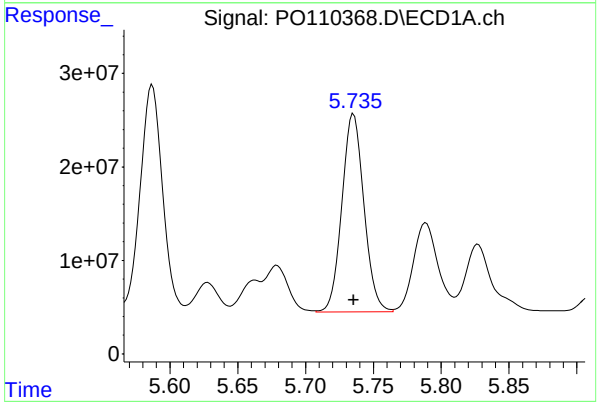
R.T.: 5.587 min
Delta R.T.: 0.000 min
Response: 277768607
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



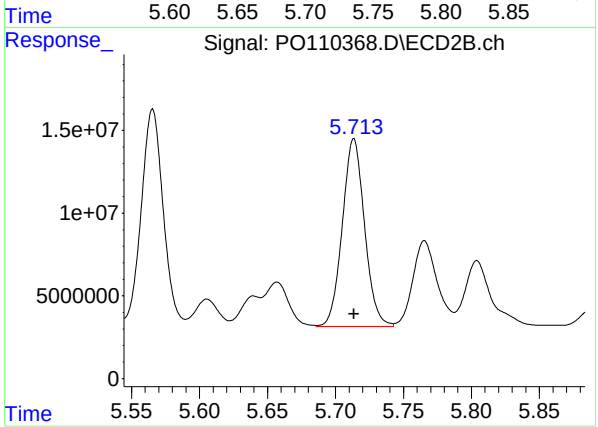
#26 AR-1254-1

R.T.: 5.566 min
Delta R.T.: 0.000 min
Response: 148193147
Conc: 500.00 ng/ml



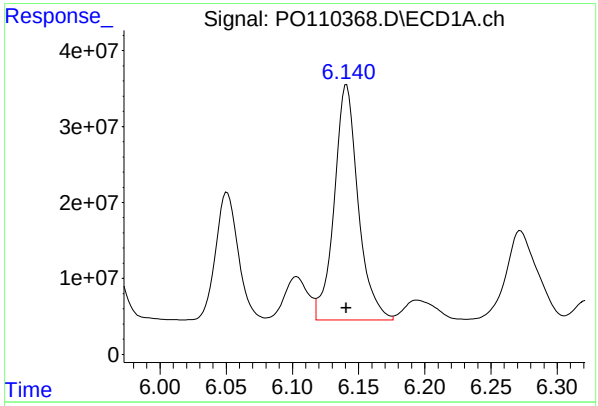
#27 AR-1254-2

R.T.: 5.735 min
Delta R.T.: 0.000 min
Response: 238930915
Conc: 500.00 ng/ml



#27 AR-1254-2

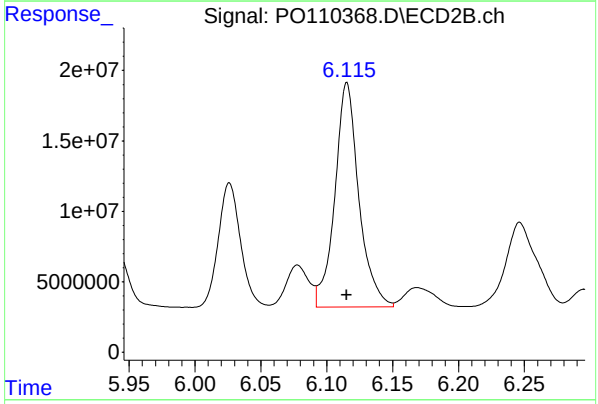
R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 129073422
Conc: 500.00 ng/ml



#28 AR-1254-3

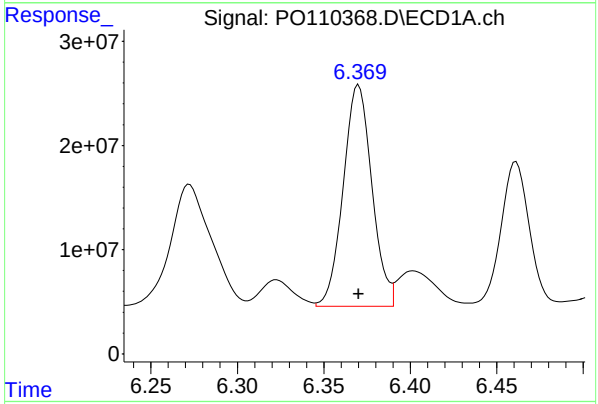
R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 389871530
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



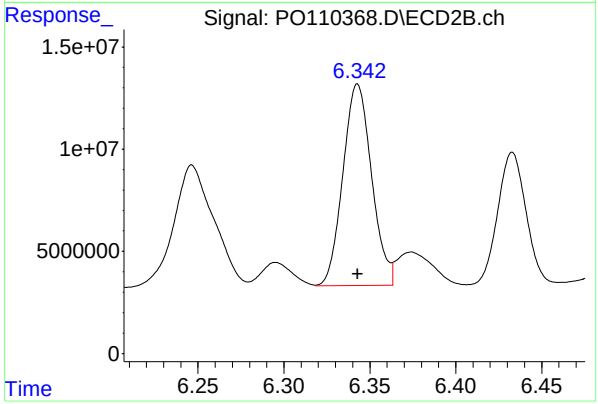
#28 AR-1254-3

R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 201764217
Conc: 500.00 ng/ml



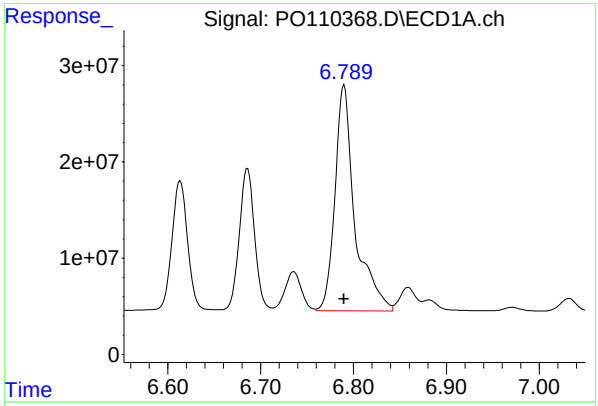
#29 AR-1254-4

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 245078389
Conc: 500.00 ng/ml



#29 AR-1254-4

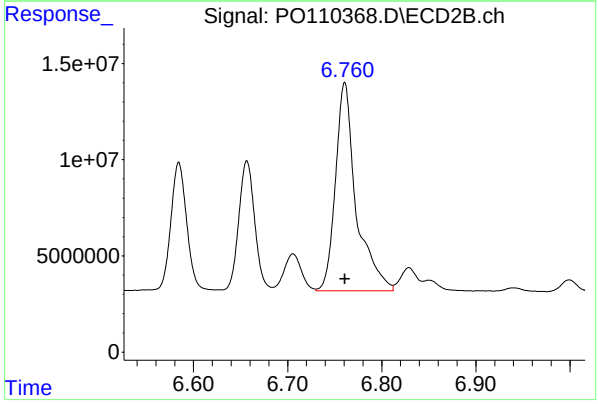
R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 114622754
Conc: 500.00 ng/ml



#30 AR-1254-5

R.T.: 6.790 min
Delta R.T.: 0.000 min
Response: 349190332
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



#30 AR-1254-5

R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 165364115
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110369.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 15:43
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: Apr 10 16:25:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 16:25:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.687	3.684	224.4E6	126.5E6	25.514	25.603
2)	SA Decachlor...	8.732	8.683	212.0E6	52144786	26.397	27.980
	Target Compounds						
26)	L6 AR-1254-1	5.586	5.565	145.4E6	77697153	265.491	266.067
27)	L6 AR-1254-2	5.735	5.713	126.7E6	68670177	266.212	268.785
28)	L6 AR-1254-3	6.140	6.115	202.8E6	104.4E6	261.133	261.974
29)	L6 AR-1254-4	6.370	6.343	126.3E6	59656850	261.911	263.335
30)	L6 AR-1254-5	6.789	6.760	181.1E6	86716902	262.640	265.840

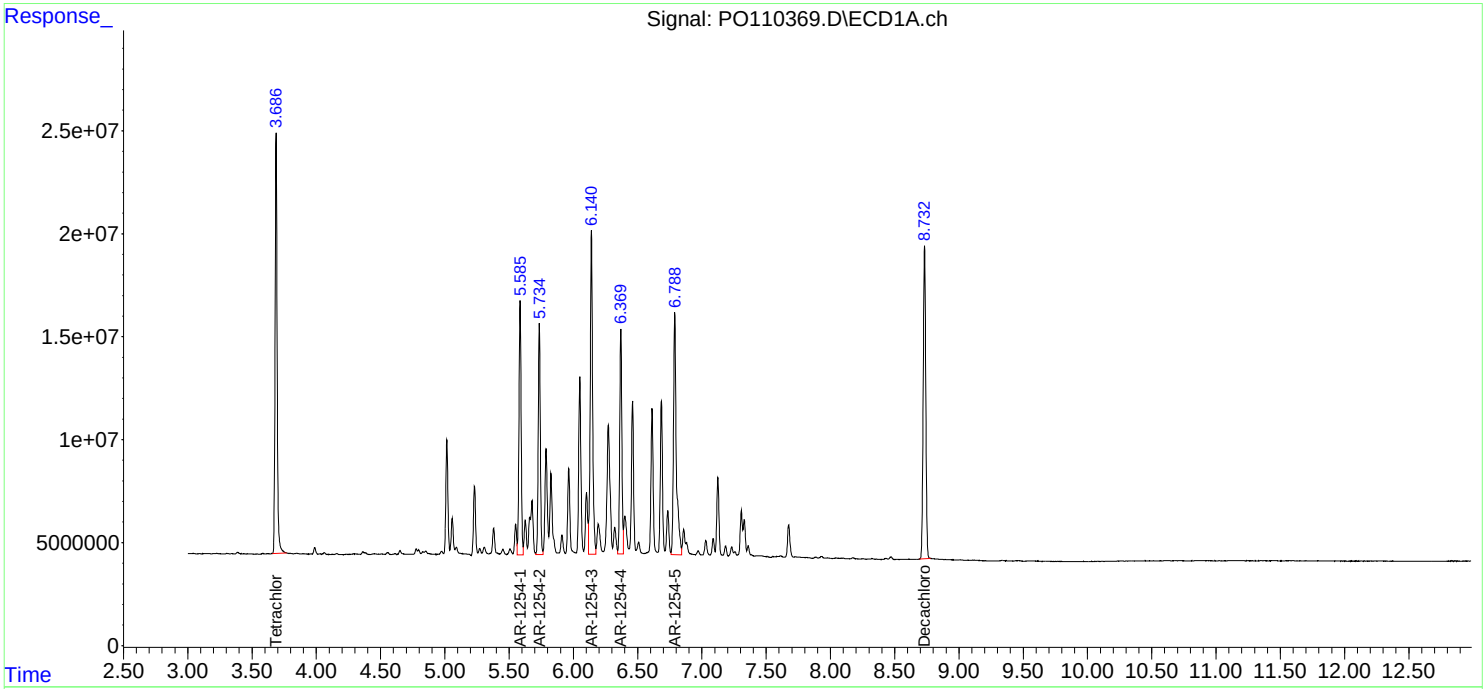
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

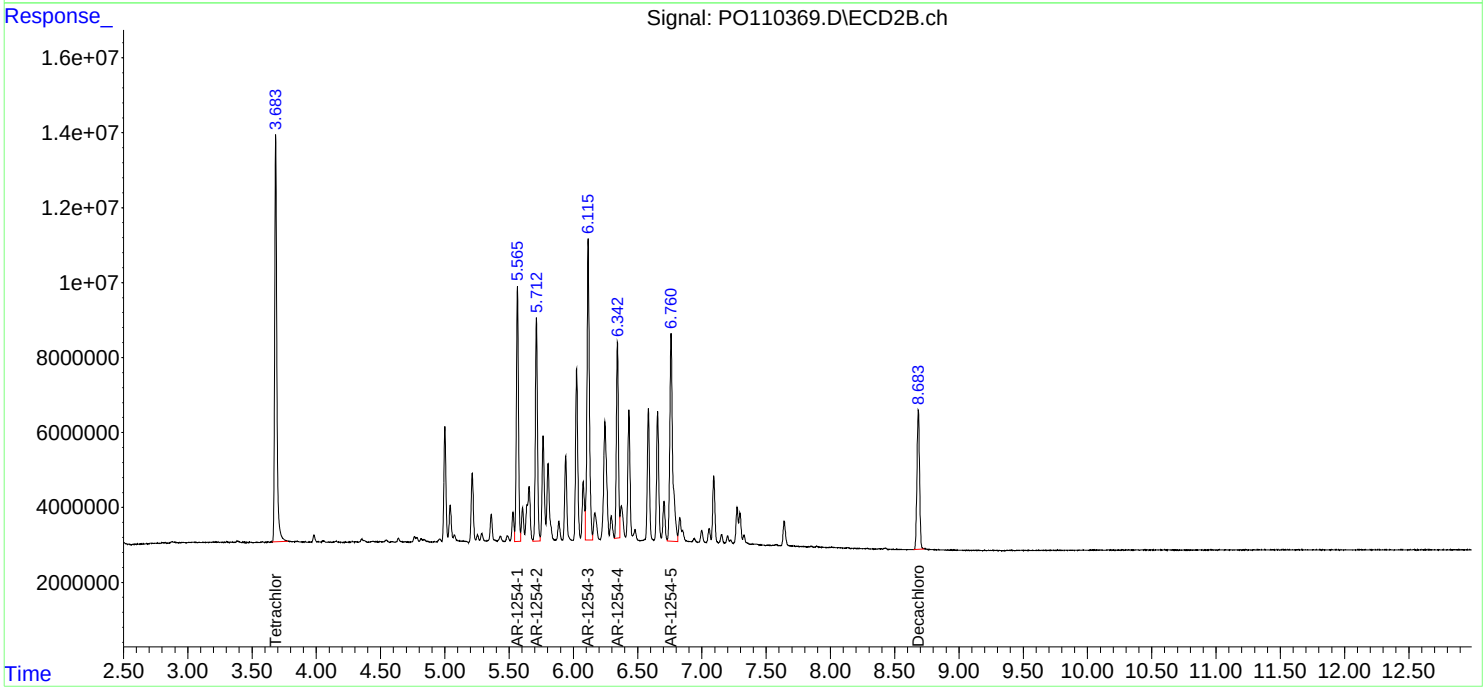
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110369.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 15:43
Operator : YP/AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

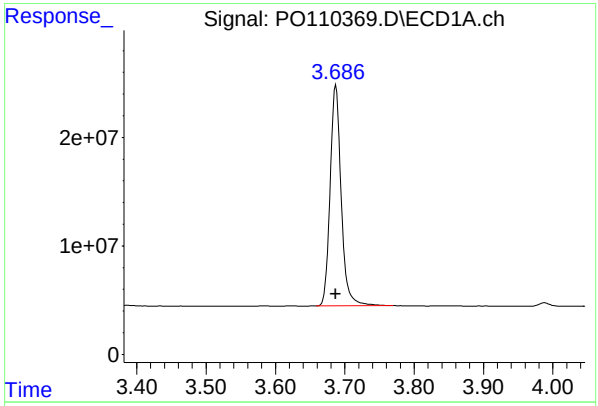
Instrument :
ECD_O
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 16:25:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 16:25:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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



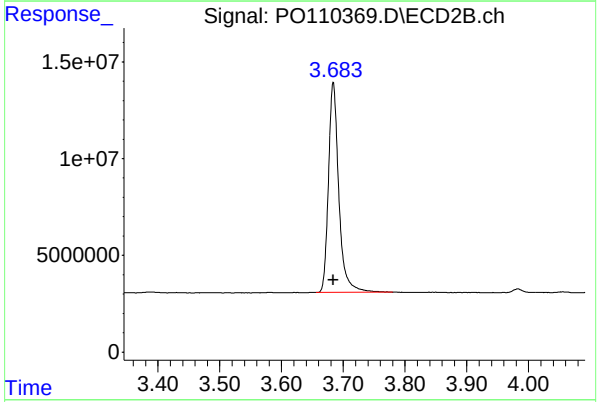




#1 Tetrachloro-m-xylene

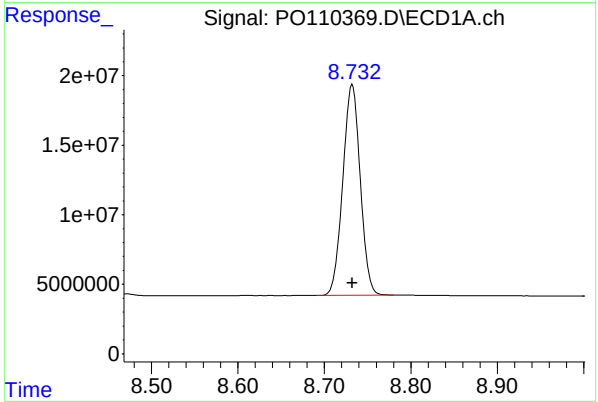
R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 224366749
Conc: 25.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



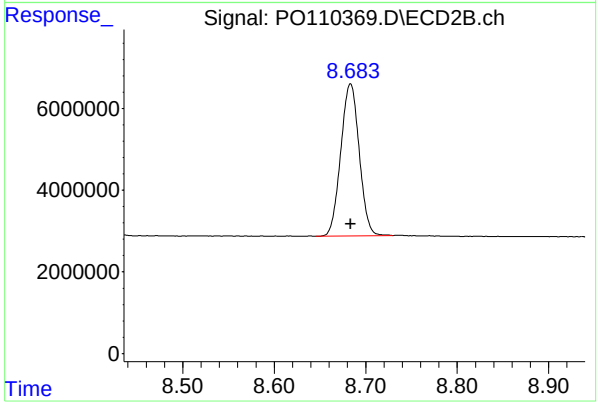
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 126451974
Conc: 25.60 ng/ml



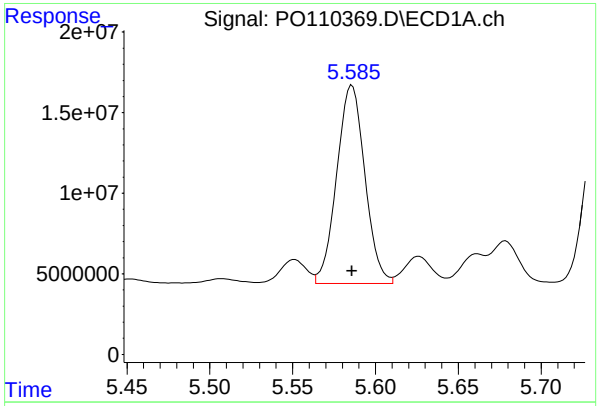
#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 211976479
Conc: 26.40 ng/ml



#2 Decachlorobiphenyl

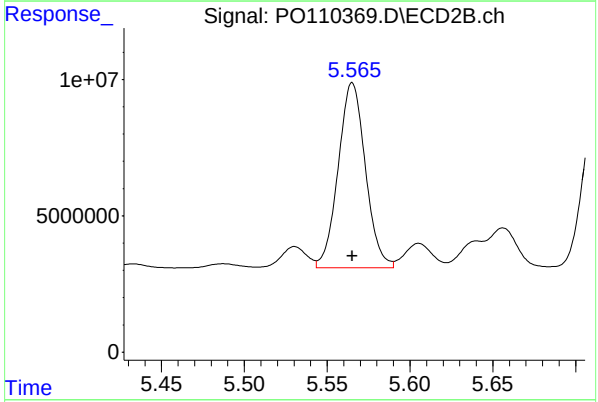
R.T.: 8.683 min
Delta R.T.: 0.000 min
Response: 52144786
Conc: 27.98 ng/ml



#26 AR-1254-1

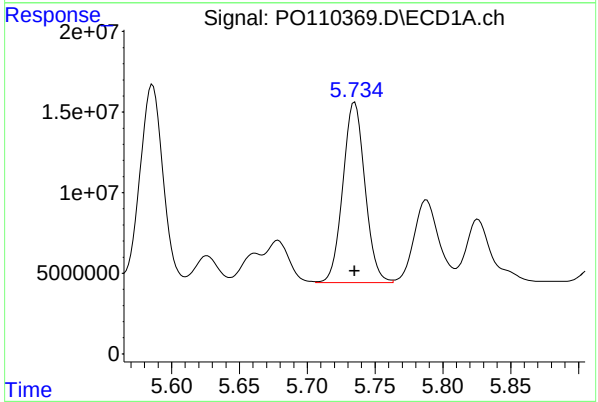
R.T.: 5.586 min
Delta R.T.: 0.000 min
Response: 145406737
Conc: 265.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



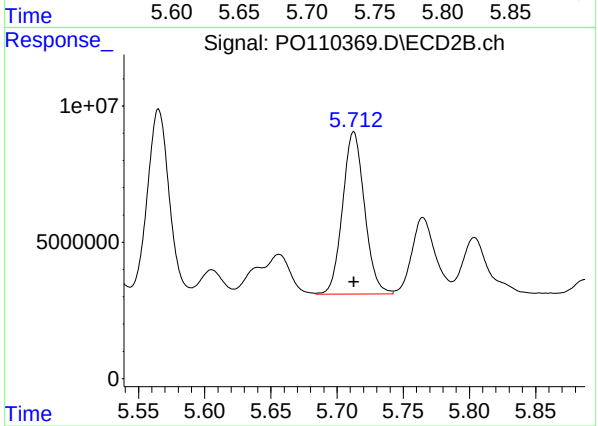
#26 AR-1254-1

R.T.: 5.565 min
Delta R.T.: 0.000 min
Response: 77697153
Conc: 266.07 ng/ml



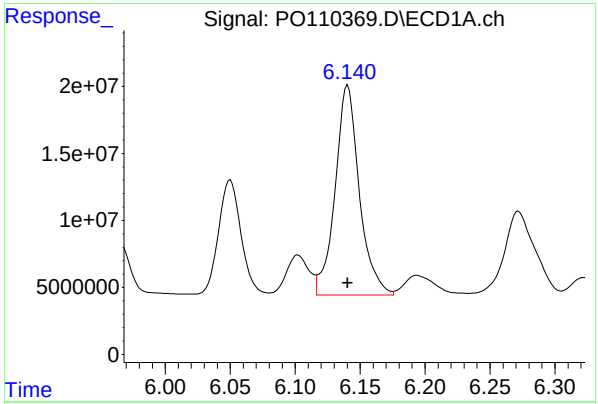
#27 AR-1254-2

R.T.: 5.735 min
Delta R.T.: 0.000 min
Response: 126692531
Conc: 266.21 ng/ml



#27 AR-1254-2

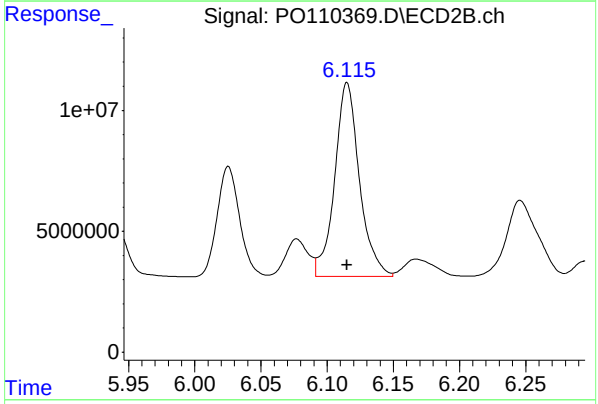
R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 68670177
Conc: 268.79 ng/ml



#28 AR-1254-3

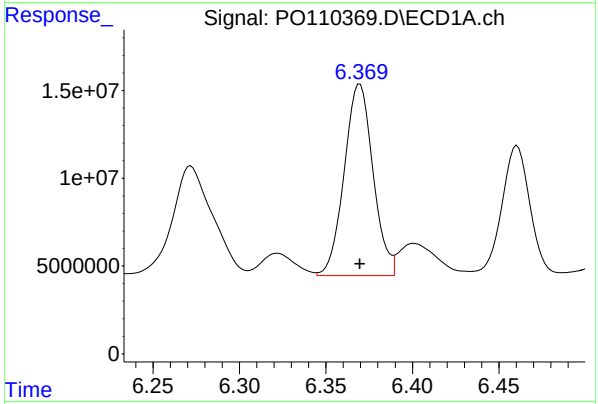
R.T.: 6.140 min
Delta R.T.: 0.000 min
Response: 202780419
Conc: 261.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



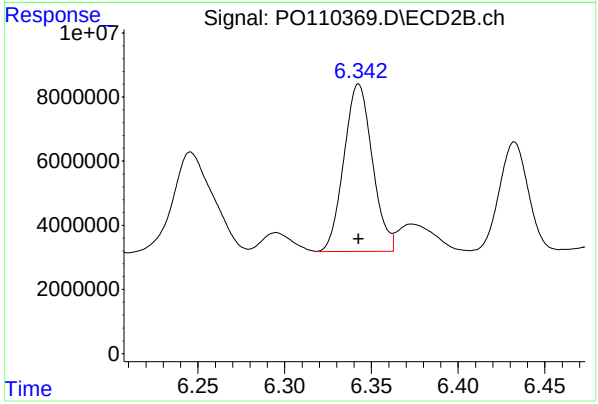
#28 AR-1254-3

R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 104355598
Conc: 261.97 ng/ml



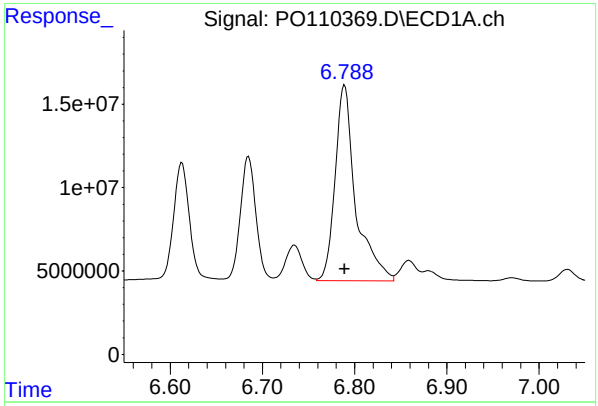
#29 AR-1254-4

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 126348606
Conc: 261.91 ng/ml



#29 AR-1254-4

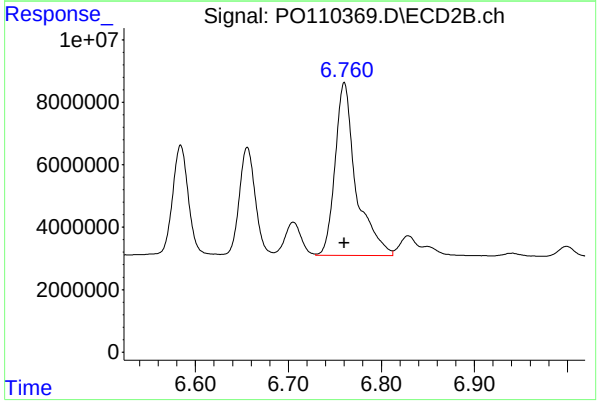
R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 59656850
Conc: 263.33 ng/ml



#30 AR-1254-5

R.T.: 6.789 min
Delta R.T.: 0.000 min
Response: 181141571
Conc: 262.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



#30 AR-1254-5

R.T.: 6.760 min
Delta R.T.: 0.000 min
Response: 86716902
Conc: 265.84 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110370.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 16:02
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: Apr 10 16:28:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 16:28:14 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.688	3.685	41787473	23807736	4.800	4.855
2)	SA Decachlor...	8.732	8.682	43595137	10662424	5.337	5.561
	Target Compounds						
26)	L6 AR-1254-1	5.587	5.566	29959251	16970498	53.691	56.287
27)	L6 AR-1254-2	5.736	5.713	26243794	15074639	54.033	56.953
28)	L6 AR-1254-3	6.141	6.115	40497442	21185447	51.706	52.515
29)	L6 AR-1254-4	6.370	6.343	25419174	12119451	52.131	52.759
30)	L6 AR-1254-5	6.790	6.760	37285913	17832984	53.197	53.667

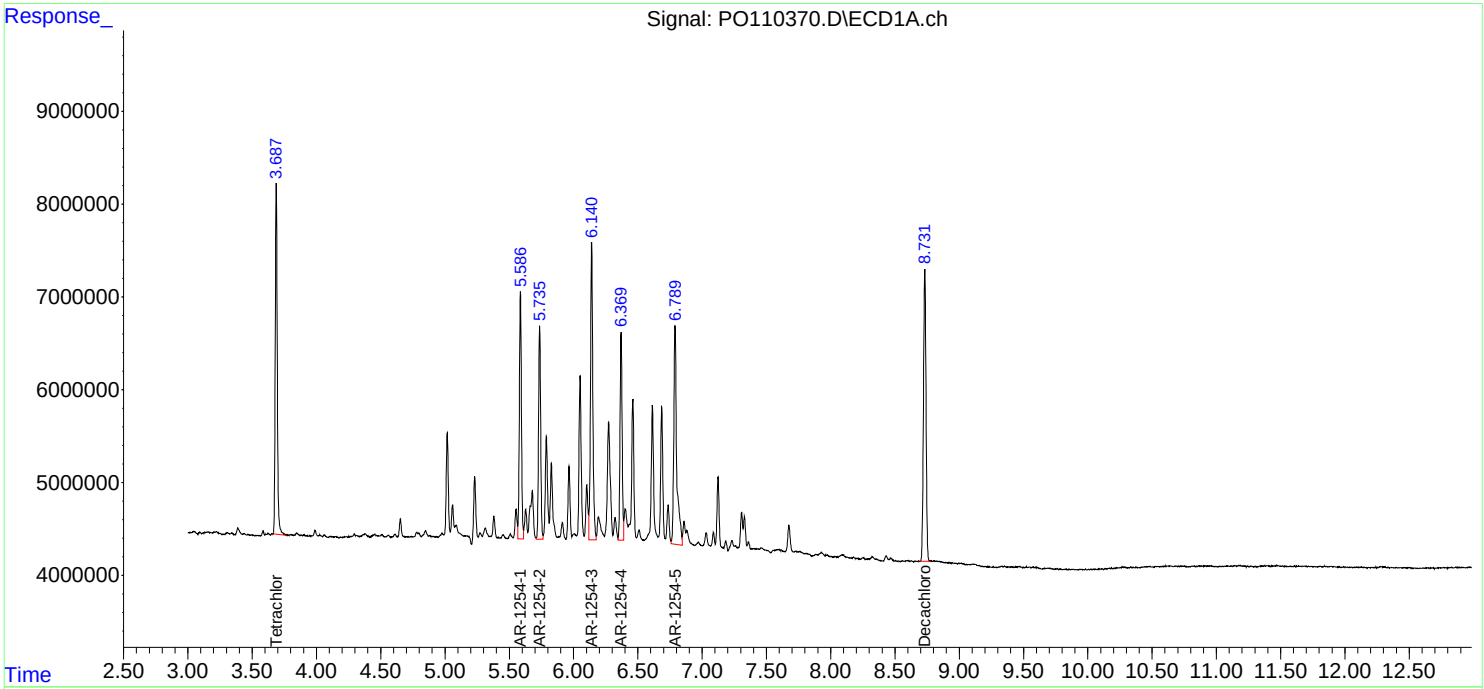
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

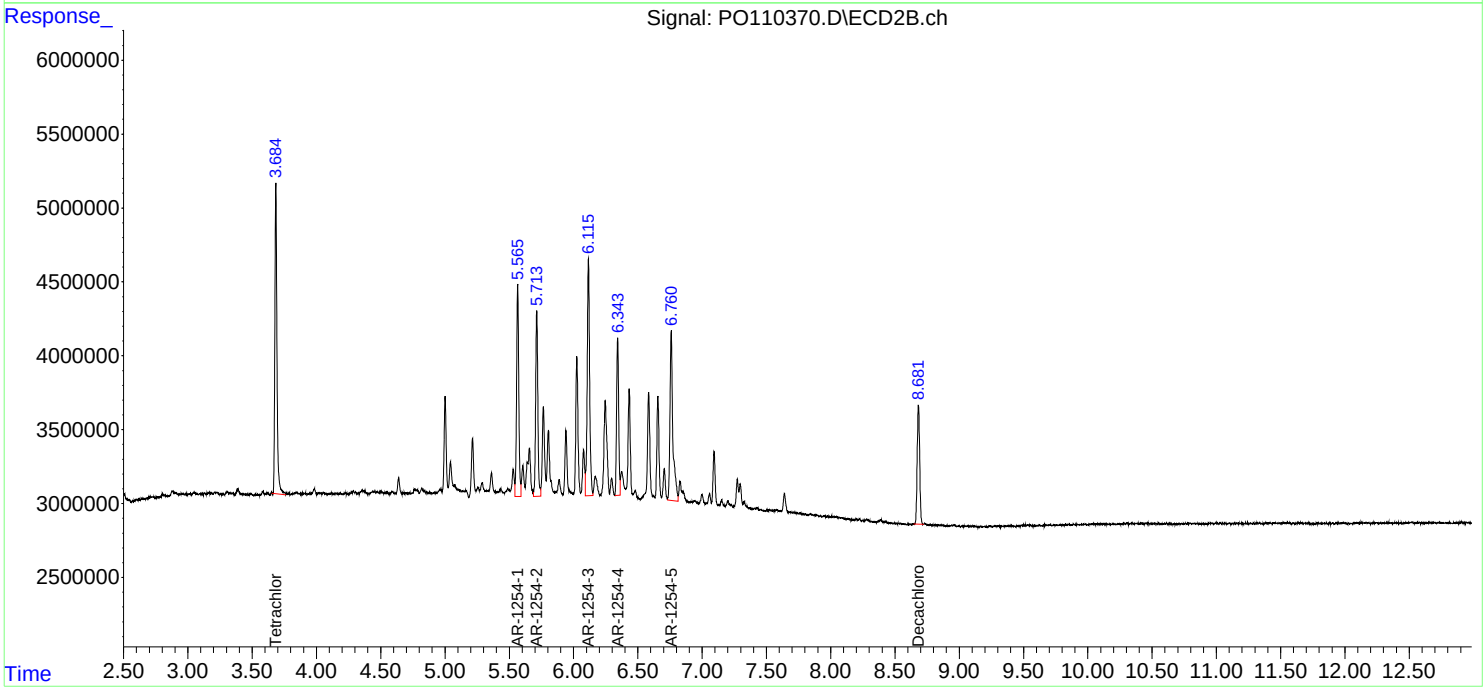
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110370.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 16:02
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

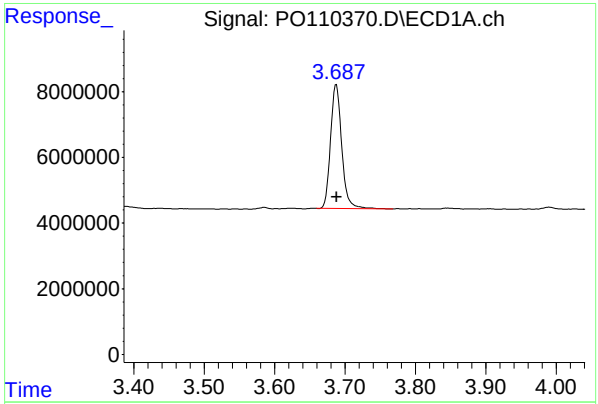
Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 16:28:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 16:28:14 2025
Response via : Initial Calibration
Integrator: ChemStation

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



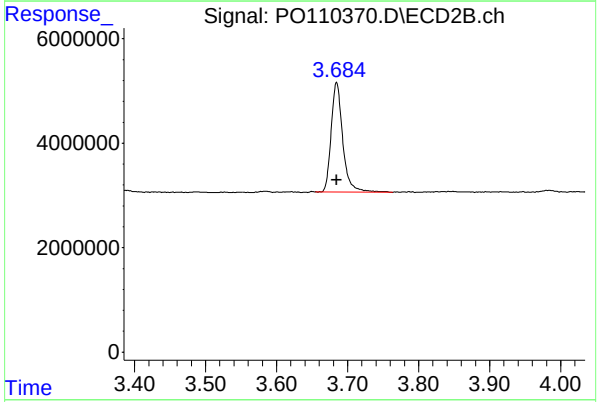




#1 Tetrachloro-m-xylene

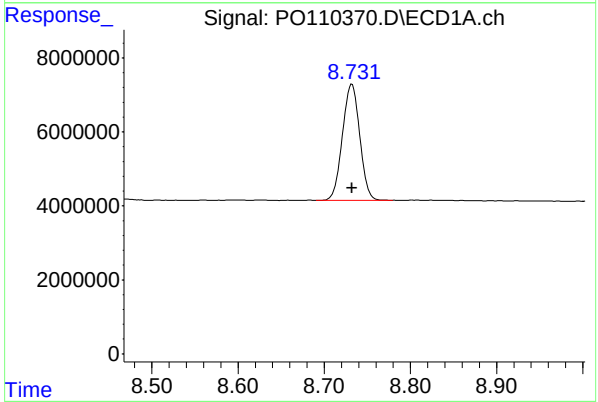
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 41787473
Conc: 4.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050



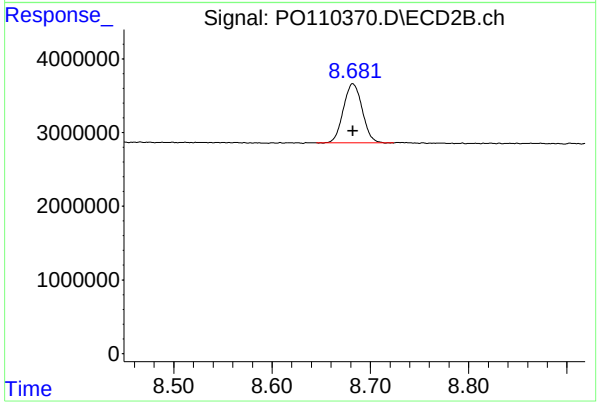
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 23807736
Conc: 4.86 ng/ml



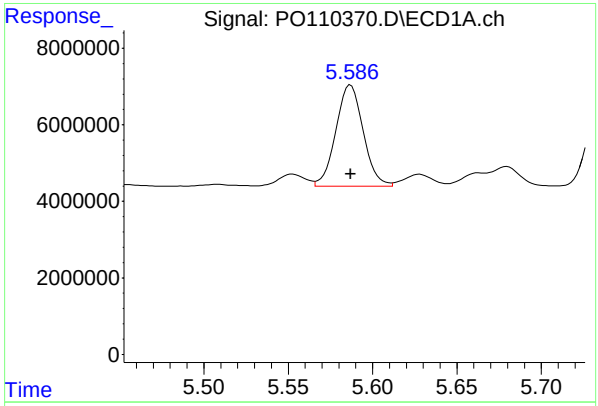
#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 43595137
Conc: 5.34 ng/ml



#2 Decachlorobiphenyl

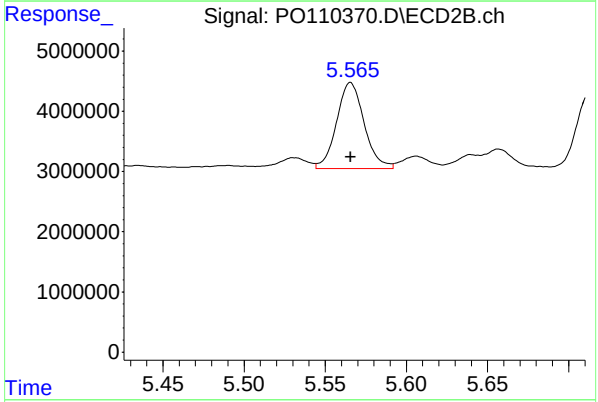
R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 10662424
Conc: 5.56 ng/ml



#26 AR-1254-1

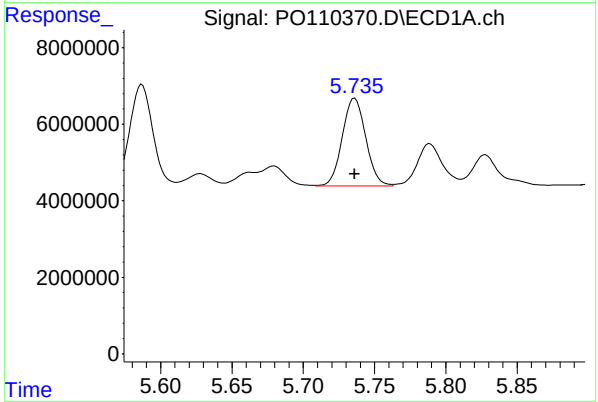
R.T.: 5.587 min
Delta R.T.: 0.000 min
Response: 29959251
Conc: 53.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050



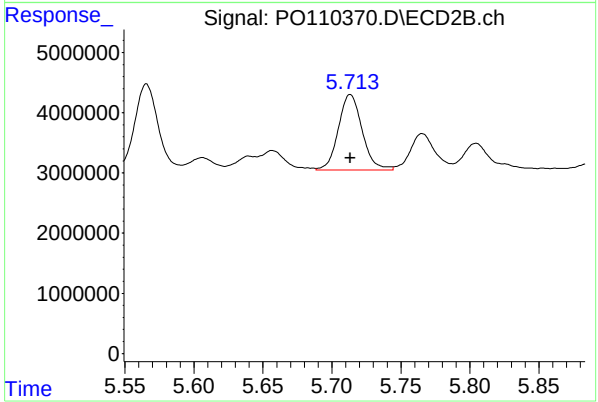
#26 AR-1254-1

R.T.: 5.566 min
Delta R.T.: 0.000 min
Response: 16970498
Conc: 56.29 ng/ml



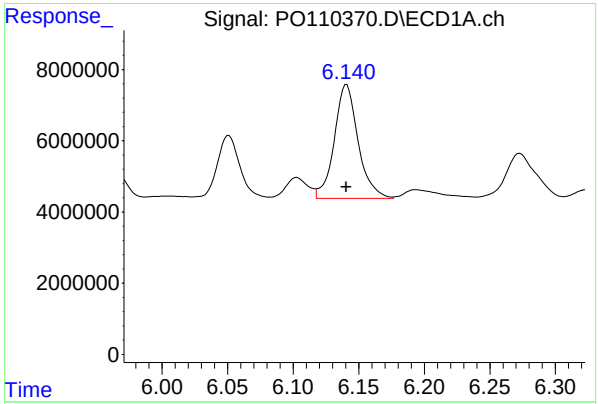
#27 AR-1254-2

R.T.: 5.736 min
Delta R.T.: 0.000 min
Response: 26243794
Conc: 54.03 ng/ml



#27 AR-1254-2

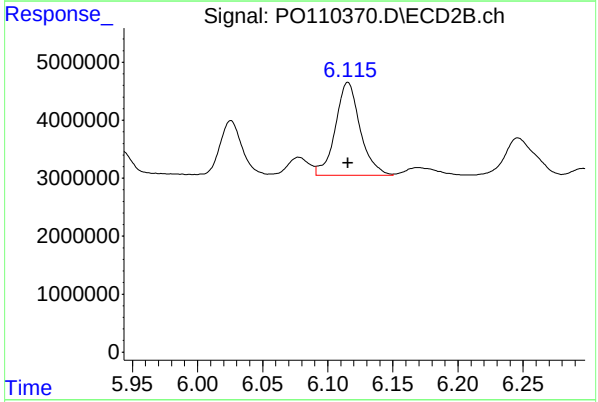
R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 15074639
Conc: 56.95 ng/ml



#28 AR-1254-3

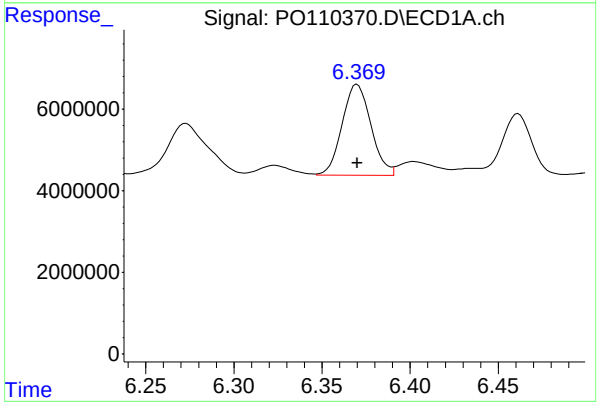
R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 40497442
Conc: 51.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050



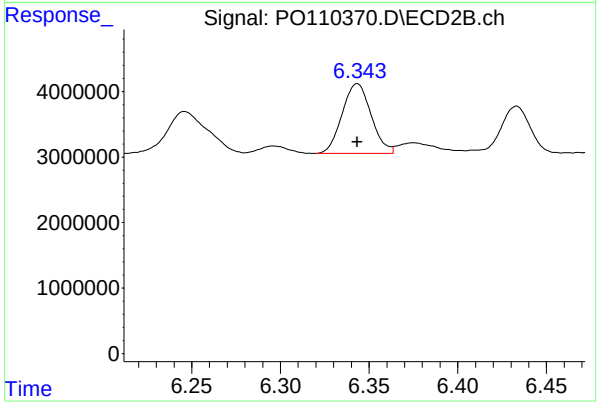
#28 AR-1254-3

R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 21185447
Conc: 52.52 ng/ml



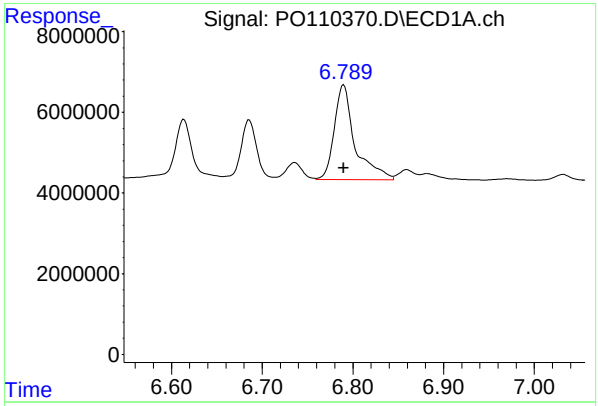
#29 AR-1254-4

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 25419174
Conc: 52.13 ng/ml



#29 AR-1254-4

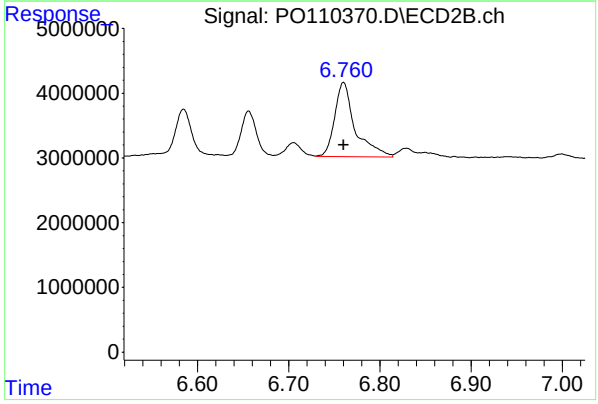
R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 12119451
Conc: 52.76 ng/ml



#30 AR-1254-5

R.T.: 6.790 min
Delta R.T.: 0.000 min
Response: 37285913
Conc: 53.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050



#30 AR-1254-5

R.T.: 6.760 min
Delta R.T.: 0.000 min
Response: 17832984
Conc: 53.67 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110371.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 16:20
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: Apr 10 16:33:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 16:33:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.687	3.685	436.1E6	244.3E6	50.000	50.000
2)	SA Decachlor...	8.732	8.684	395.3E6	92706545	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	6.829	6.799	350.7E6	164.7E6	500.000	500.000
37)	L8 AR-1262-2	7.331	7.298	603.9E6	254.2E6	500.000	500.000
38)	L8 AR-1262-3	7.615	7.581	254.6E6	96815138	500.000	500.000
39)	L8 AR-1262-4	7.679	7.644	448.1E6	173.5E6	500.000	500.000
40)	L8 AR-1262-5	8.175	8.137	201.5E6	62297516	500.000	500.000

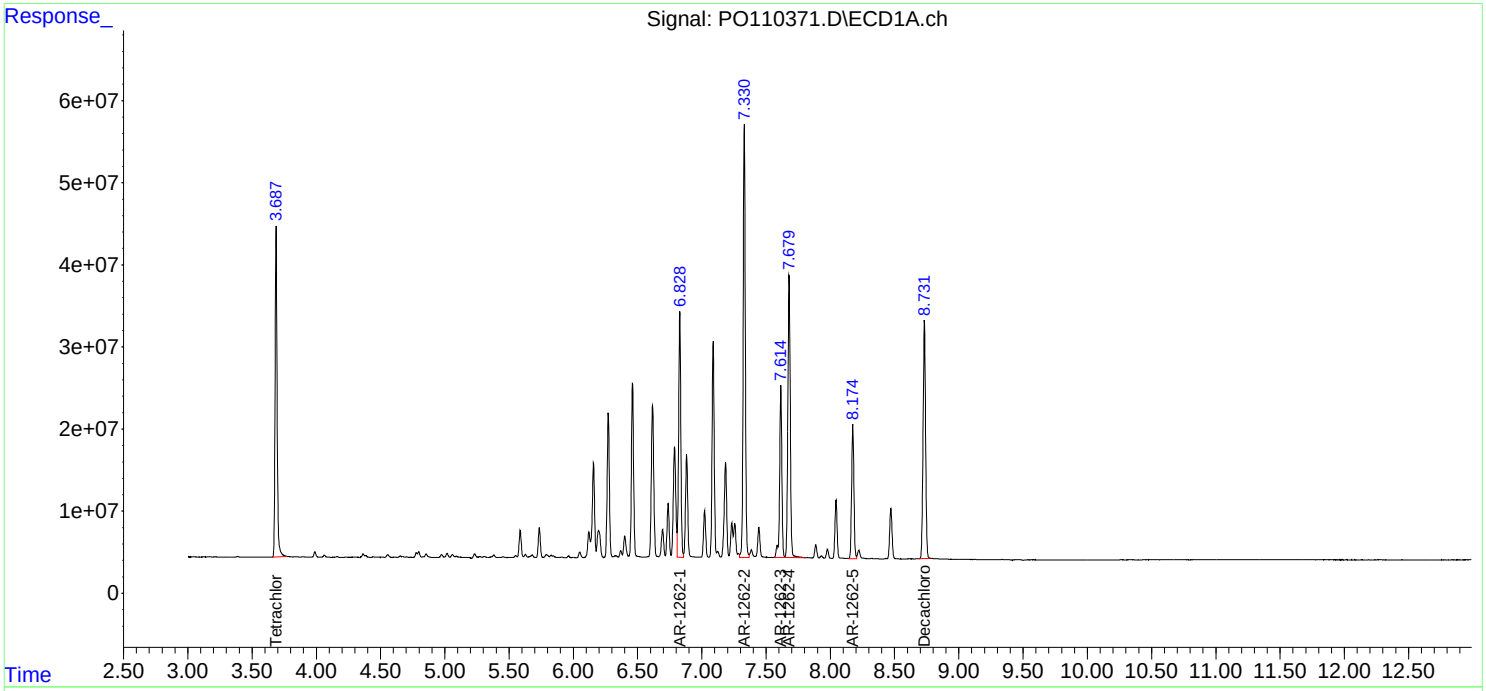
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

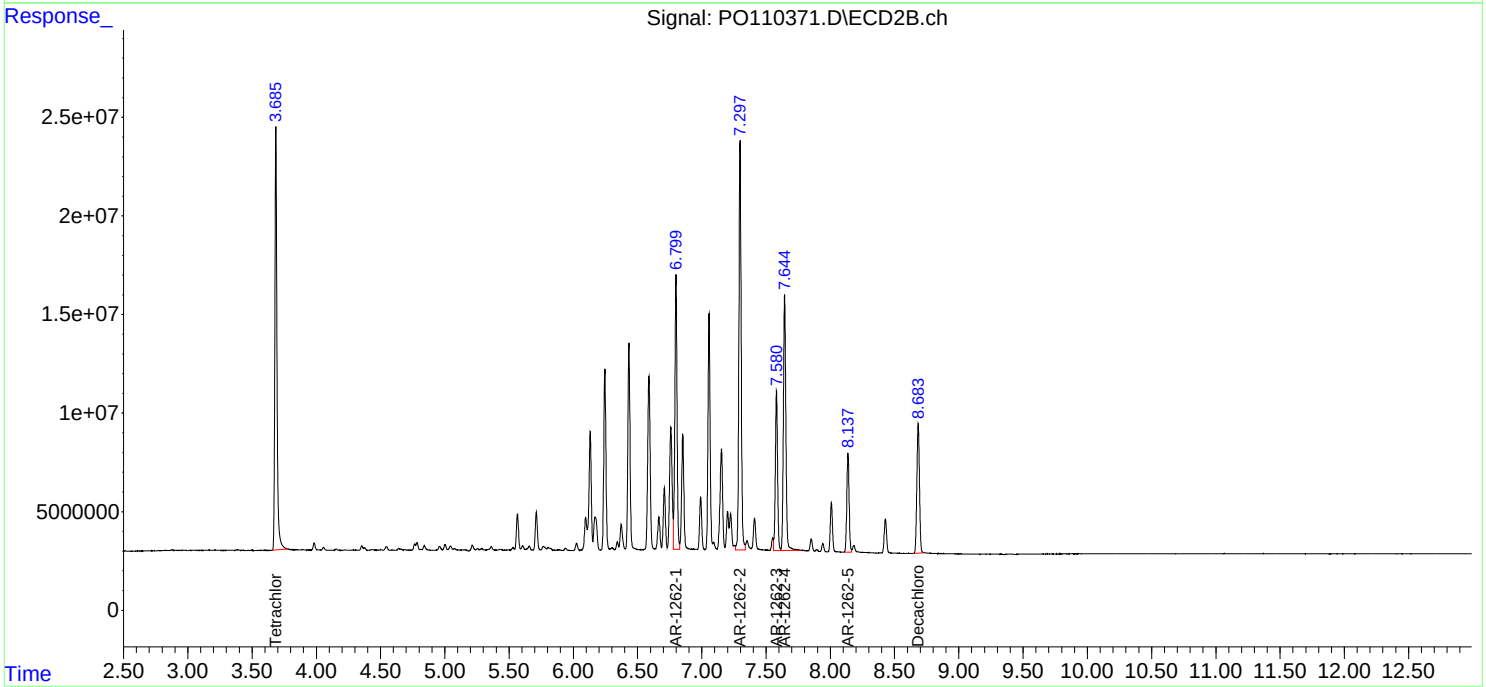
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110371.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 16:20
Operator : YP/AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

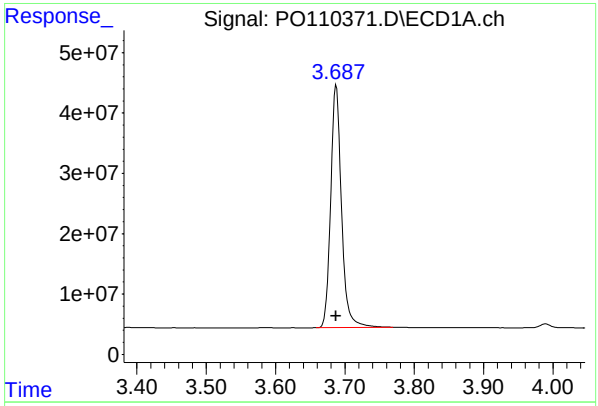
Instrument :
ECD_O
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 16:33:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 16:33:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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



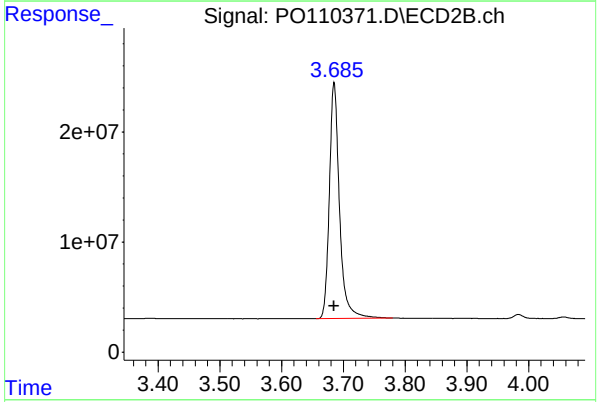




#1 Tetrachloro-m-xylene

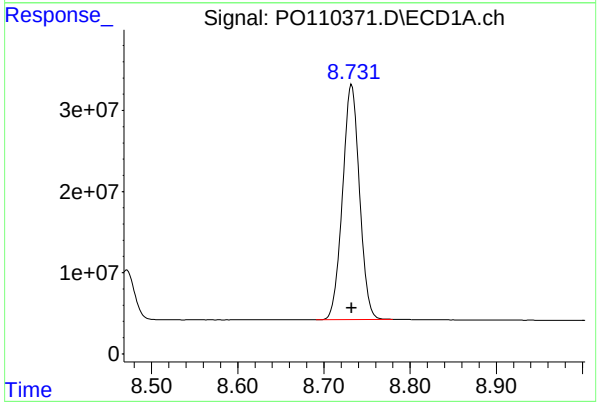
R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 436096183
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



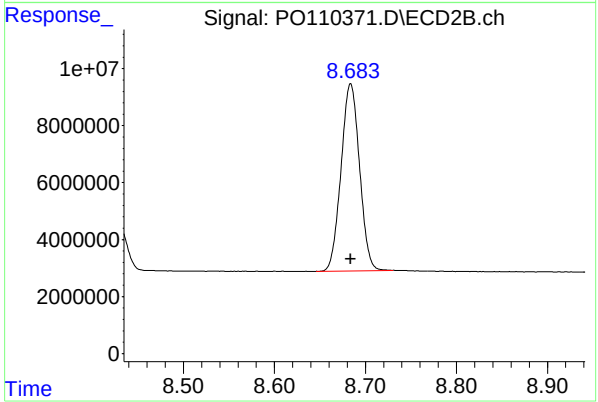
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 244331831
Conc: 50.00 ng/ml



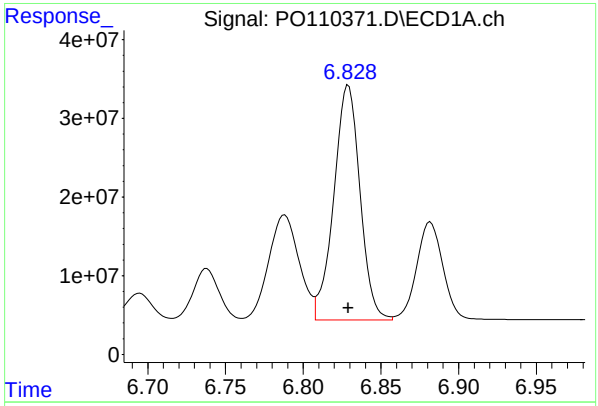
#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 395295598
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

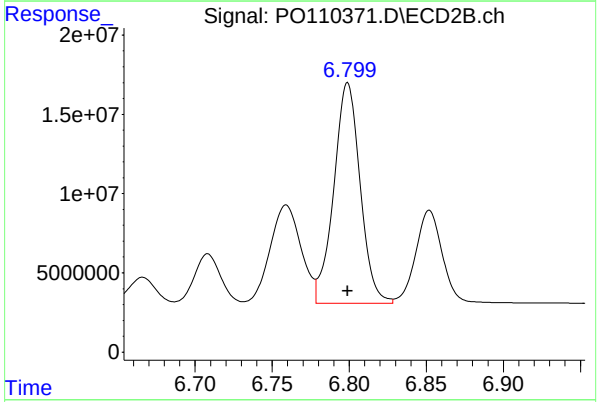
R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 92706545
Conc: 50.00 ng/ml



#36 AR-1262-1

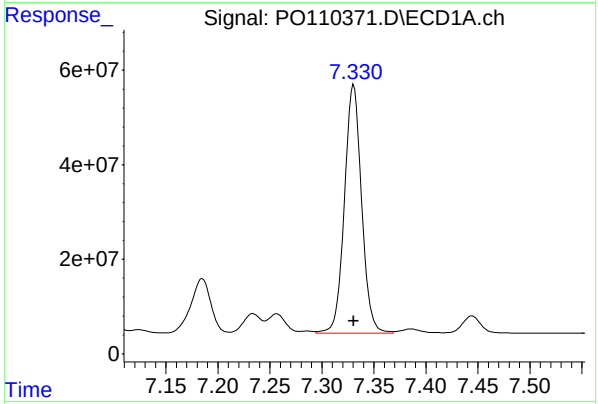
R.T.: 6.829 min
Delta R.T.: 0.000 min
Response: 350729274
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



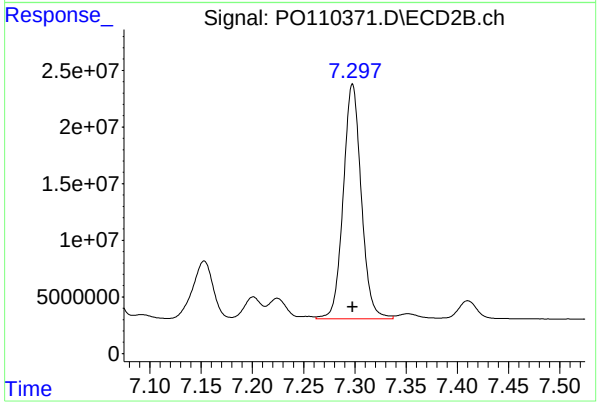
#36 AR-1262-1

R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 164669723
Conc: 500.00 ng/ml



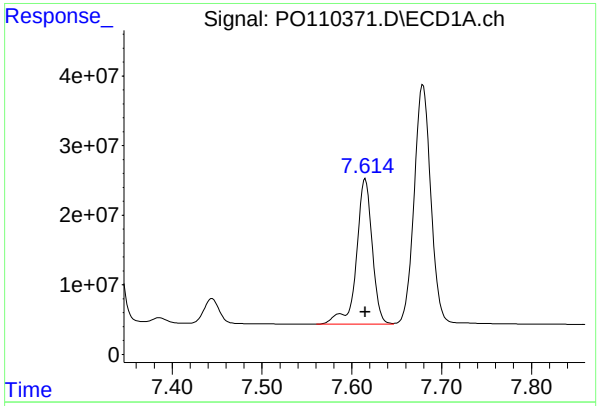
#37 AR-1262-2

R.T.: 7.331 min
Delta R.T.: 0.000 min
Response: 603868004
Conc: 500.00 ng/ml



#37 AR-1262-2

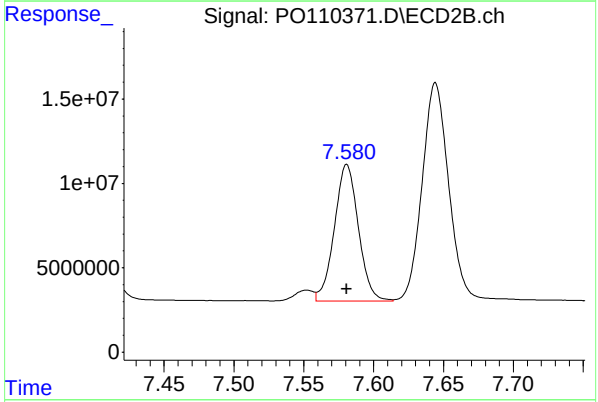
R.T.: 7.298 min
Delta R.T.: 0.000 min
Response: 254228551
Conc: 500.00 ng/ml



#38 AR-1262-3

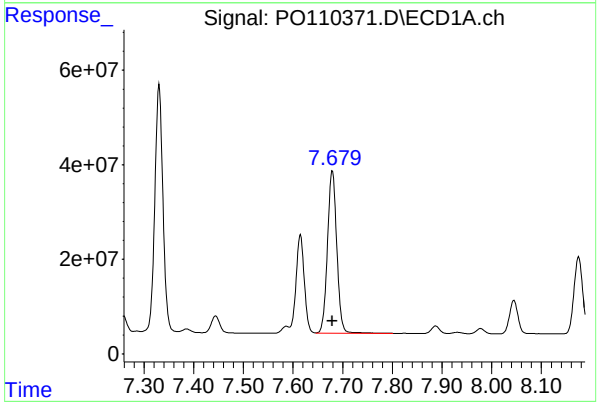
R.T.: 7.615 min
Delta R.T.: 0.000 min
Response: 254551820
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



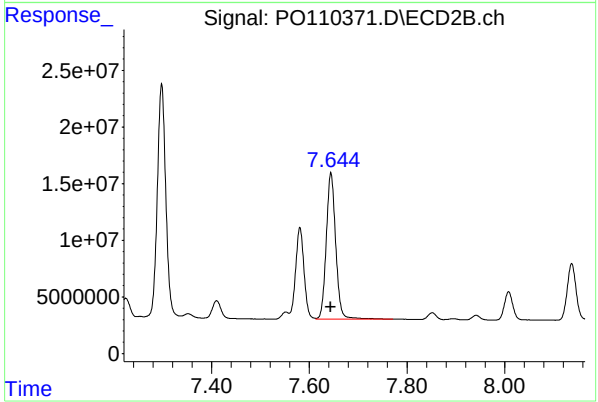
#38 AR-1262-3

R.T.: 7.581 min
Delta R.T.: 0.000 min
Response: 96815138
Conc: 500.00 ng/ml



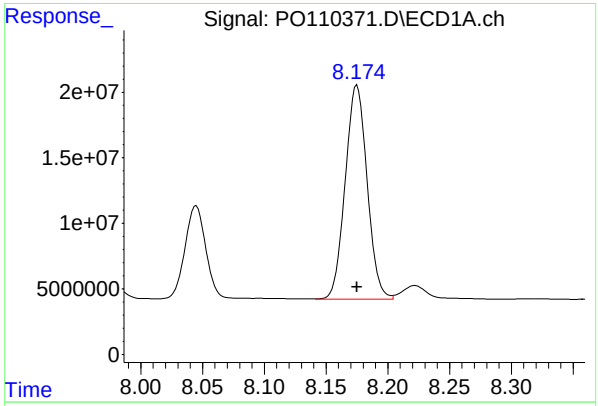
#39 AR-1262-4

R.T.: 7.679 min
Delta R.T.: 0.000 min
Response: 448136894
Conc: 500.00 ng/ml



#39 AR-1262-4

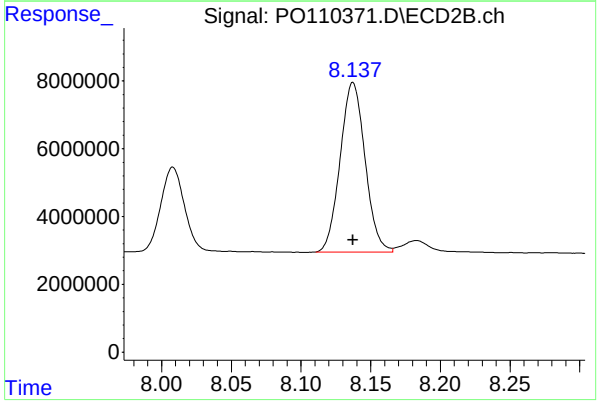
R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 173526656
Conc: 500.00 ng/ml



#40 AR-1262-5

R.T.: 8.175 min
Delta R.T.: 0.000 min
Response: 201497456
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



#40 AR-1262-5

R.T.: 8.137 min
Delta R.T.: 0.000 min
Response: 62297516
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110372.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 16:38
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: Apr 10 18:27:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 18:23:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.688	3.684	884.3E6	497.4E6	102.204	102.064
2)	SA Decachlor...	8.732	8.684	1400.9E6	301.8E6	98.671	95.869
	Target Compounds						
41)	L9 AR-1268-1	7.615	7.581	1383.6E6	525.2E6	990.863	980.668
42)	L9 AR-1268-2	7.680	7.646	1284.7E6	480.6E6	996.216	982.242
43)	L9 AR-1268-3	7.887	7.852	1040.5E6	351.9E6	994.813	974.012
44)	L9 AR-1268-4	8.175	8.137	443.2E6	132.4E6	1001.524	967.863
45)	L9 AR-1268-5	8.471	8.429	3289.1E6	751.7E6	1000.454	973.760

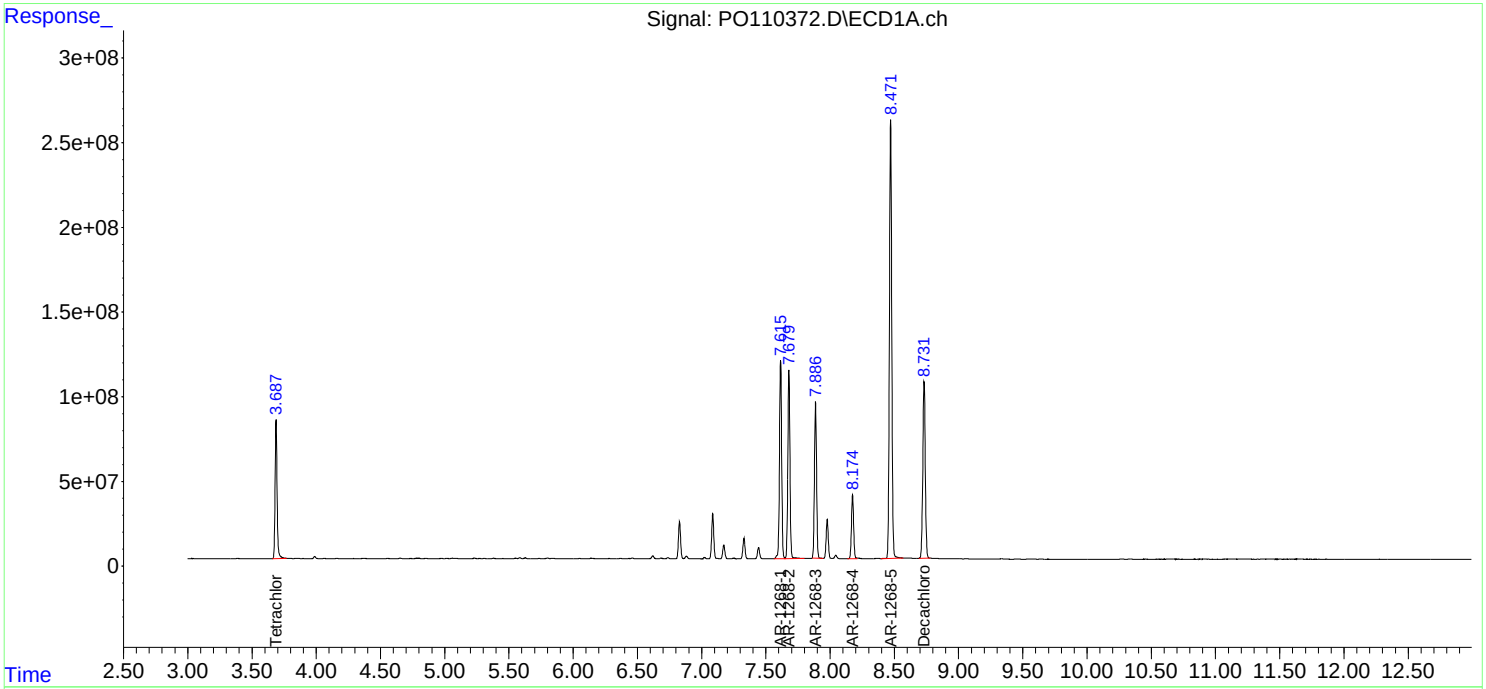
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

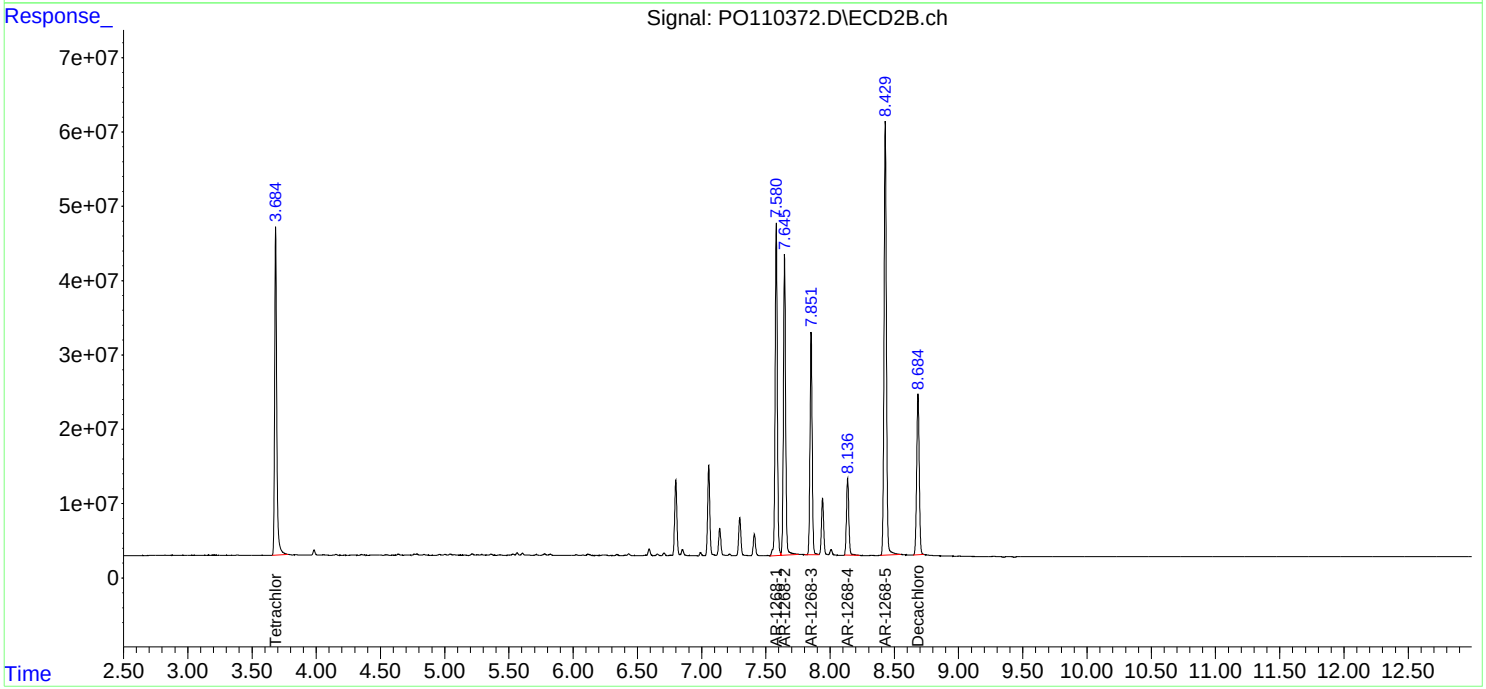
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110372.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 16:38
Operator : YP/AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

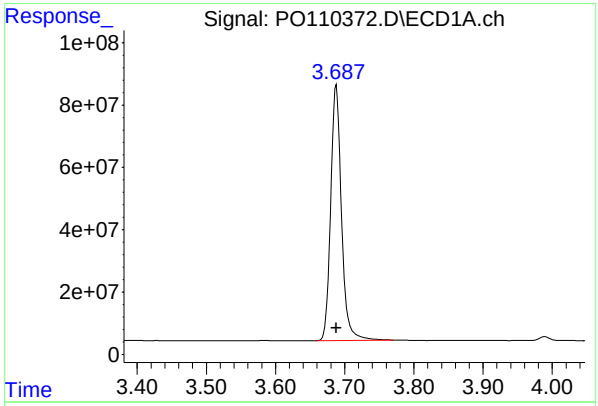
Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 18:27:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 18:23:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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



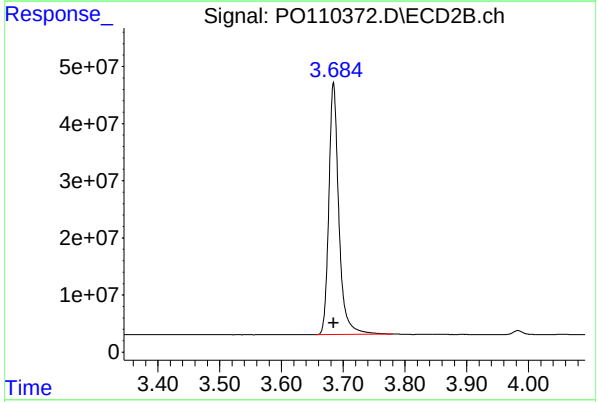




#1 Tetrachloro-m-xylene

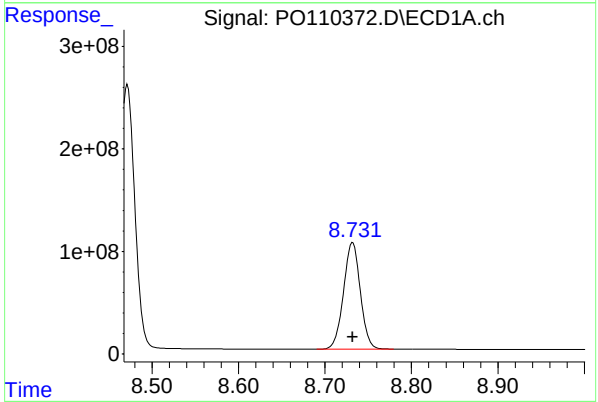
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 884275602
Conc: 102.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



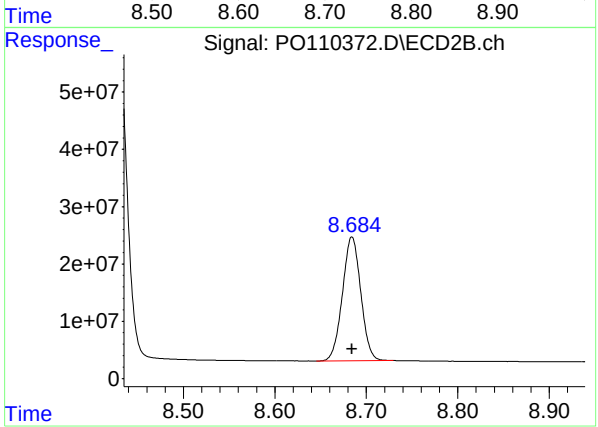
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 497380509
Conc: 102.06 ng/ml



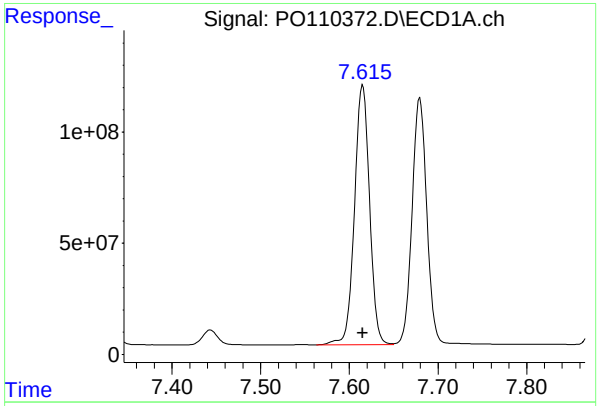
#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 1400878204
Conc: 98.67 ng/ml



#2 Decachlorobiphenyl

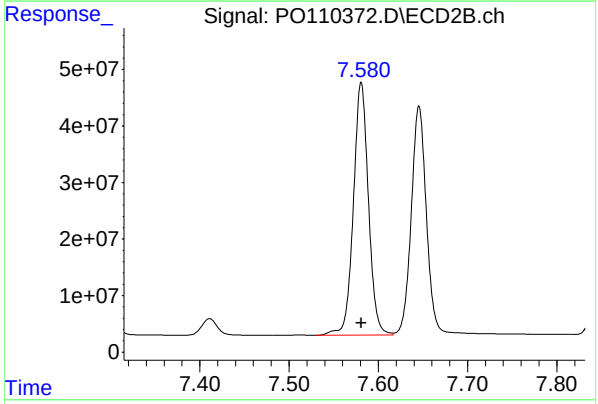
R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 301839224
Conc: 95.87 ng/ml



#41 AR-1268-1

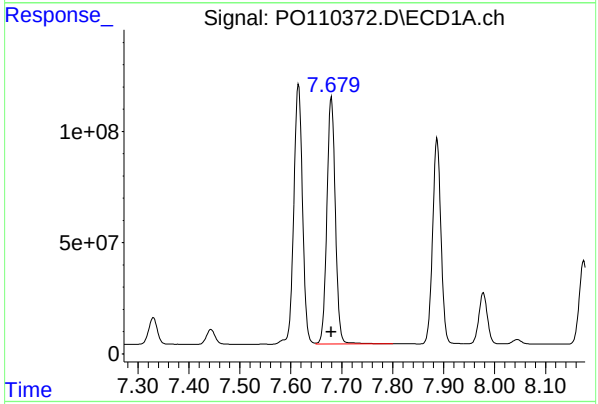
R.T.: 7.615 min
Delta R.T.: 0.000 min
Response: 1383597022
Conc: 990.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



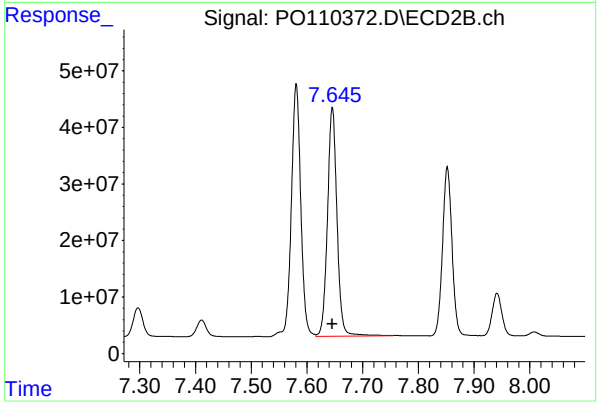
#41 AR-1268-1

R.T.: 7.581 min
Delta R.T.: 0.000 min
Response: 525182929
Conc: 980.67 ng/ml



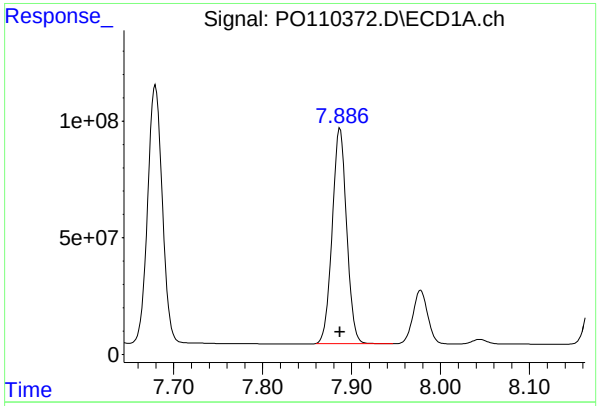
#42 AR-1268-2

R.T.: 7.680 min
Delta R.T.: 0.000 min
Response: 1284666762
Conc: 996.22 ng/ml



#42 AR-1268-2

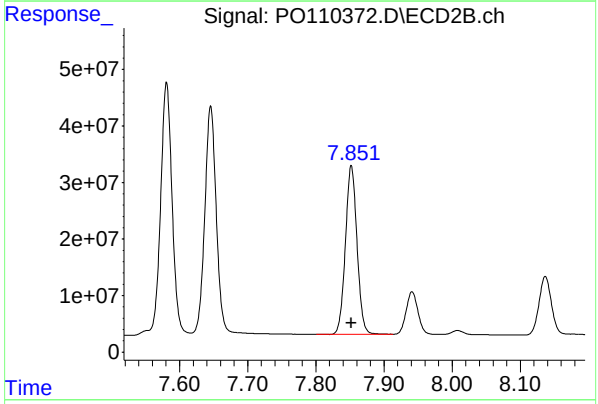
R.T.: 7.646 min
Delta R.T.: 0.000 min
Response: 480641047
Conc: 982.24 ng/ml



#43 AR-1268-3

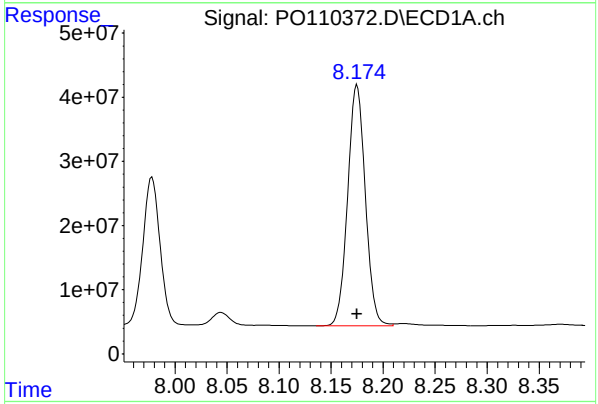
R.T.: 7.887 min
Delta R.T.: 0.000 min
Response: 1040477449
Conc: 994.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



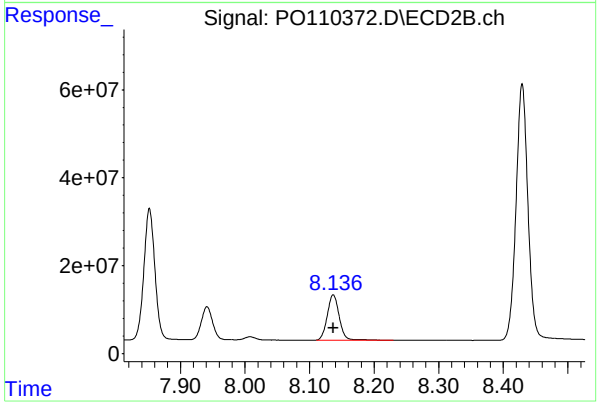
#43 AR-1268-3

R.T.: 7.852 min
Delta R.T.: 0.000 min
Response: 351934435
Conc: 974.01 ng/ml



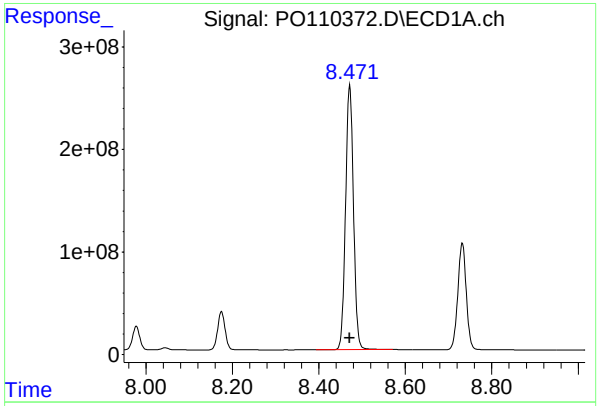
#44 AR-1268-4

R.T.: 8.175 min
Delta R.T.: 0.000 min
Response: 443191011
Conc: 1001.52 ng/ml



#44 AR-1268-4

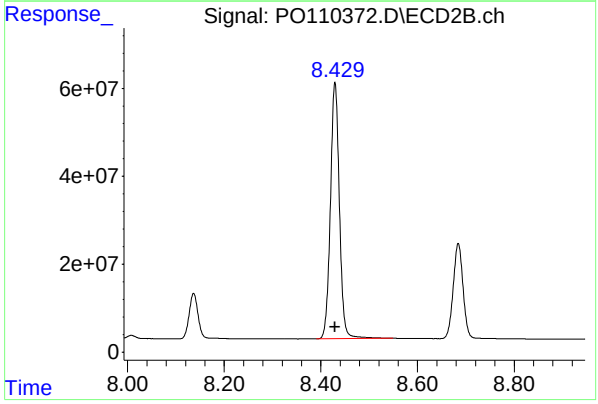
R.T.: 8.137 min
Delta R.T.: 0.000 min
Response: 132381746
Conc: 967.86 ng/ml



#45 AR-1268-5

R.T.: 8.471 min
Delta R.T.: 0.000 mi
Response: 3289098269
Conc: 1000.45 ng/

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



#45 AR-1268-5

R.T.: 8.429 min
Delta R.T.: 0.000 min
Response: 751733306
Conc: 973.76 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110373.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 16:57
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: Apr 10 18:31:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 18:23:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.687	3.684	651.4E6	366.7E6	75.195	75.170
2)	SA Decachlor...	8.730	8.684	1067.4E6	237.5E6	75.123	75.295
	Target Compounds						
41)	L9 AR-1268-1	7.614	7.580	1047.9E6	404.2E6	750.320	753.161
42)	L9 AR-1268-2	7.679	7.645	973.0E6	367.9E6	752.993	751.271
43)	L9 AR-1268-3	7.886	7.851	784.9E6	272.0E6	750.332	751.923
44)	L9 AR-1268-4	8.174	8.137	317.2E6	102.1E6	727.594	747.479
45)	L9 AR-1268-5	8.472	8.428	2465.3E6	581.7E6	749.920	752.311

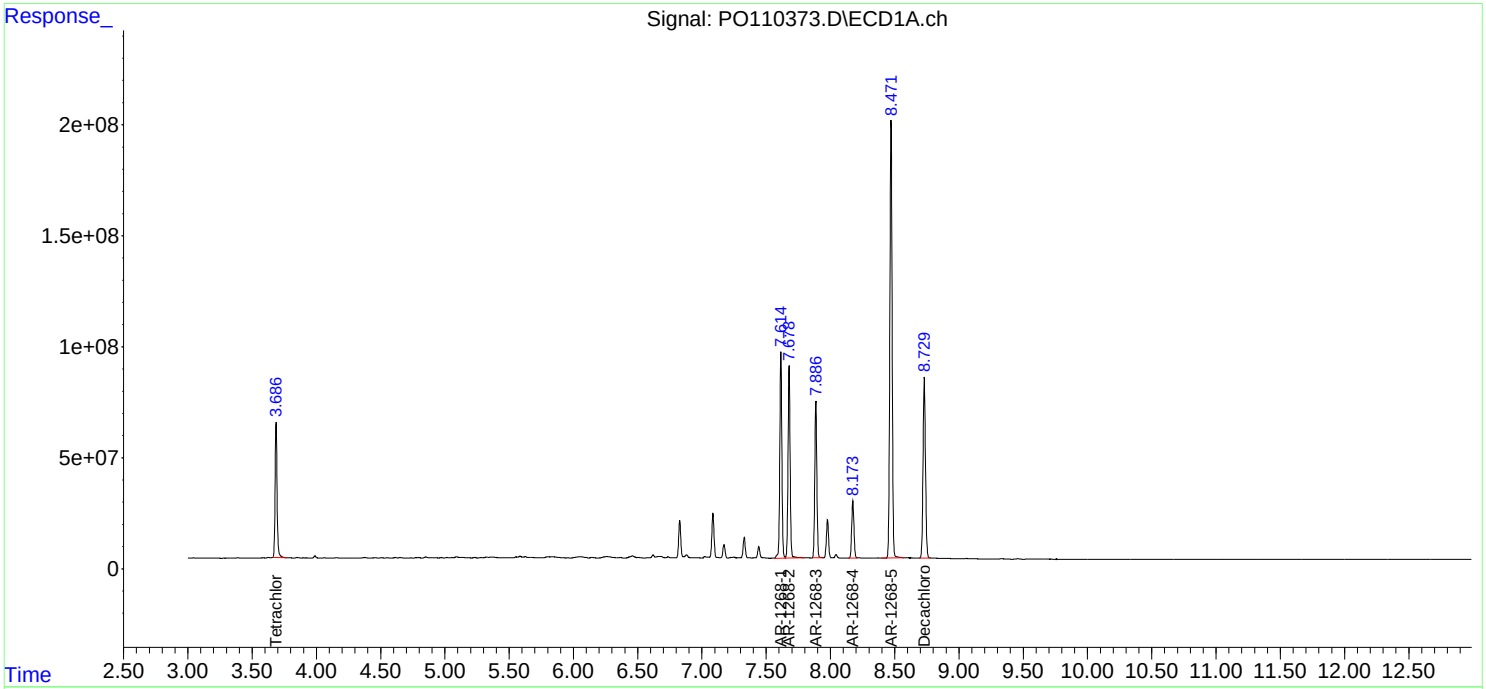
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

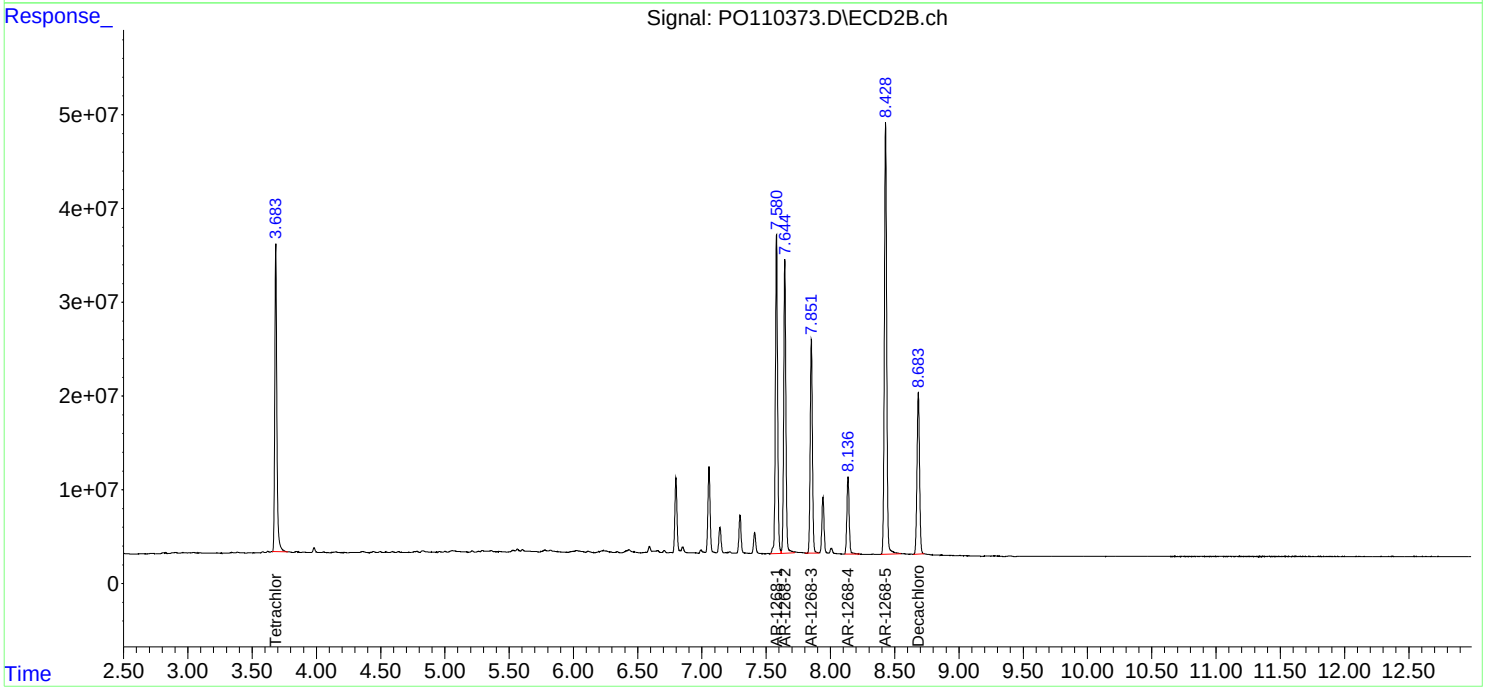
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110373.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 16:57
Operator : YP/AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

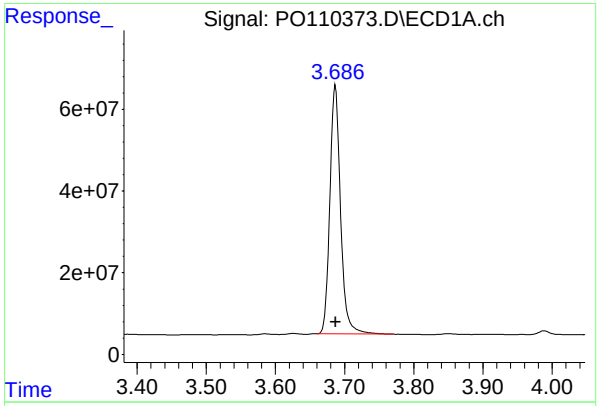
Instrument :
ECD_O
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 18:31:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 18:23:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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



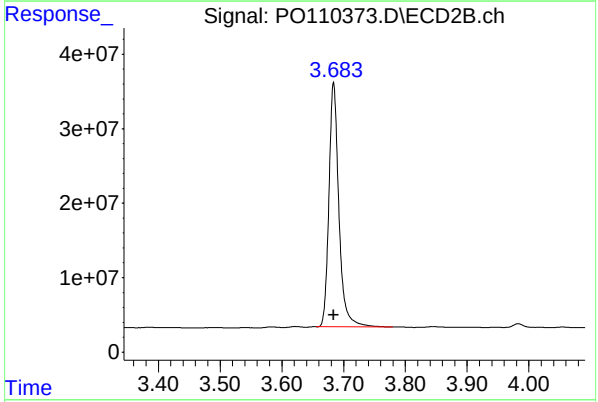




#1 Tetrachloro-m-xylene

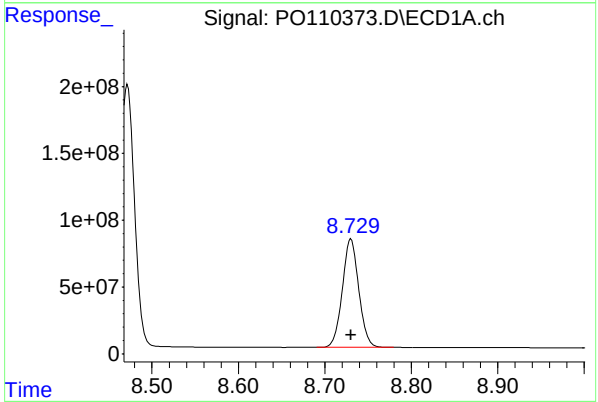
R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 651437343
Conc: 75.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



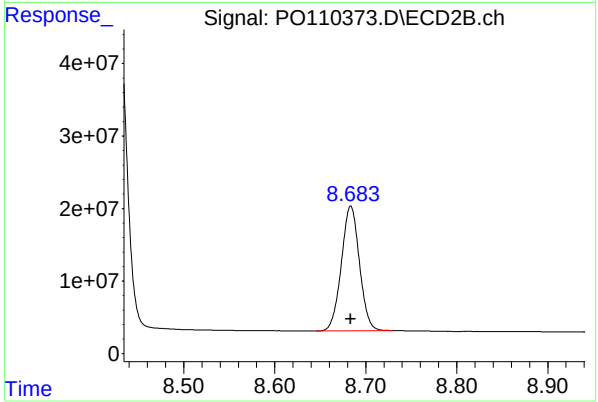
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 366737670
Conc: 75.17 ng/ml



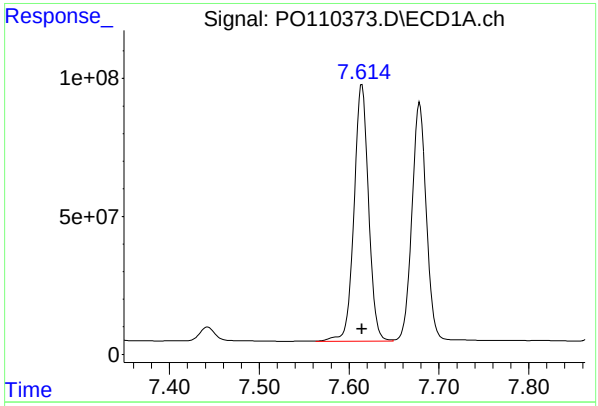
#2 Decachlorobiphenyl

R.T.: 8.730 min
Delta R.T.: 0.000 min
Response: 1067430568
Conc: 75.12 ng/ml



#2 Decachlorobiphenyl

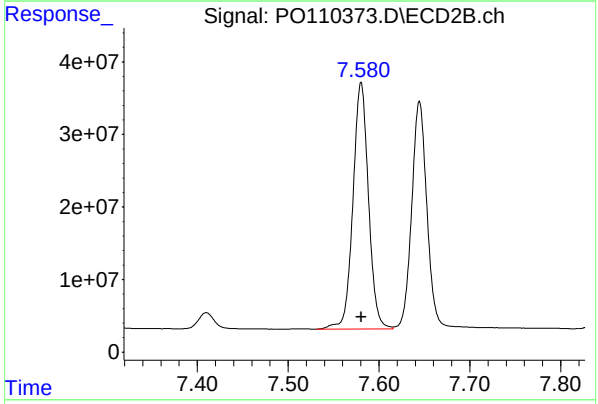
R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 237530036
Conc: 75.30 ng/ml



#41 AR-1268-1

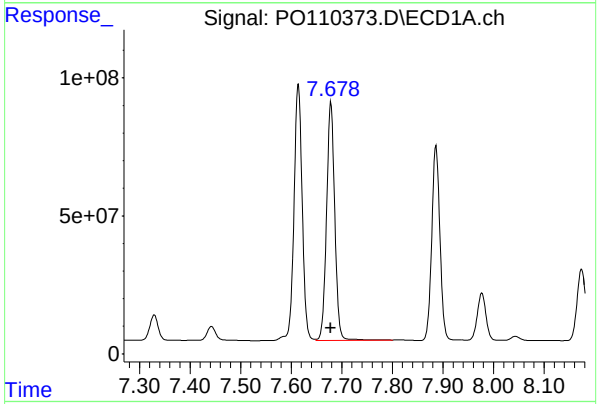
R.T.: 7.614 min
Delta R.T.: 0.000 min
Response: 1047935900
Conc: 750.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



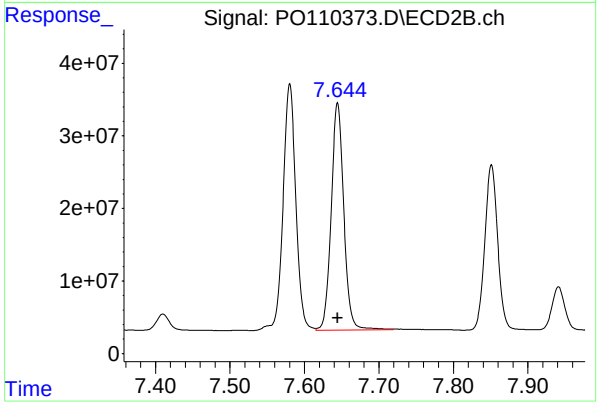
#41 AR-1268-1

R.T.: 7.580 min
Delta R.T.: 0.000 min
Response: 404196449
Conc: 753.16 ng/ml



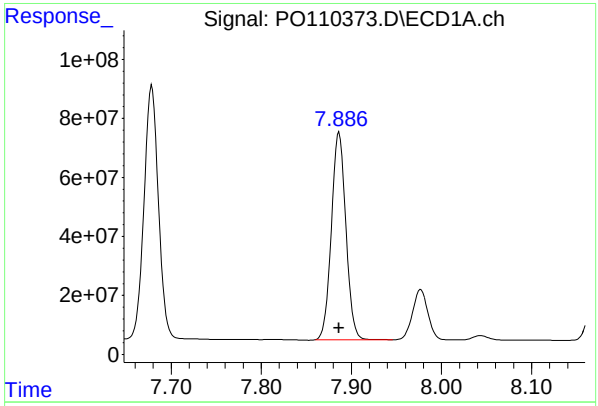
#42 AR-1268-2

R.T.: 7.679 min
Delta R.T.: 0.000 min
Response: 972960332
Conc: 752.99 ng/ml



#42 AR-1268-2

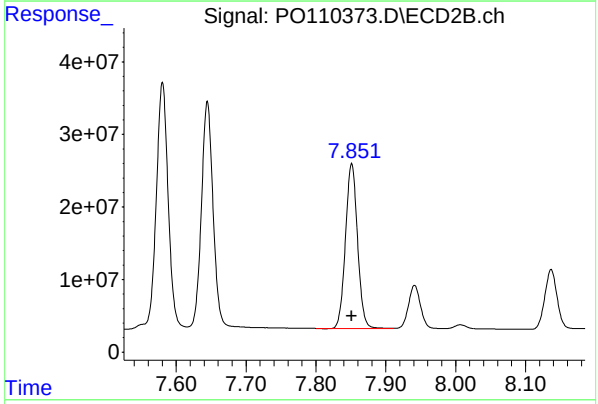
R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 367932036
Conc: 751.27 ng/ml



#43 AR-1268-3

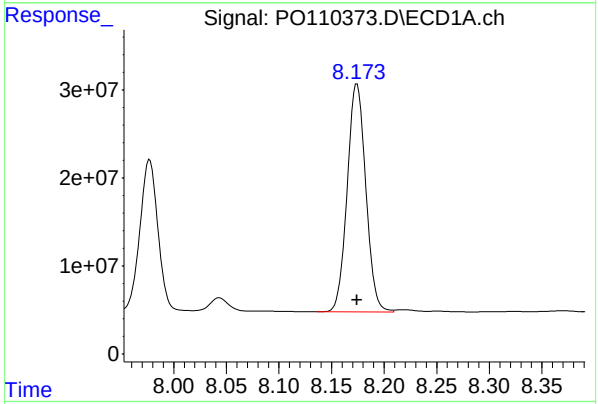
R.T.: 7.886 min
Delta R.T.: 0.000 min
Response: 784947577
Conc: 750.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



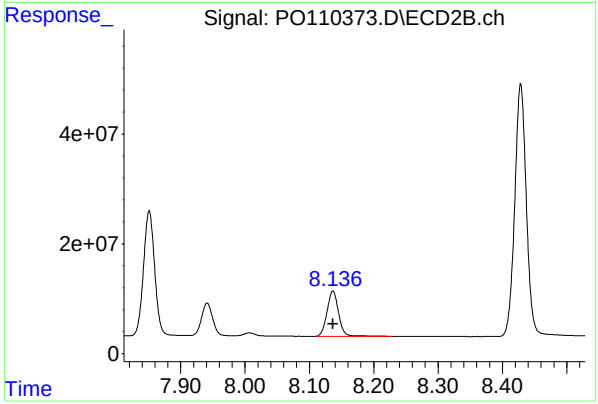
#43 AR-1268-3

R.T.: 7.851 min
Delta R.T.: 0.000 min
Response: 272037162
Conc: 751.92 ng/ml



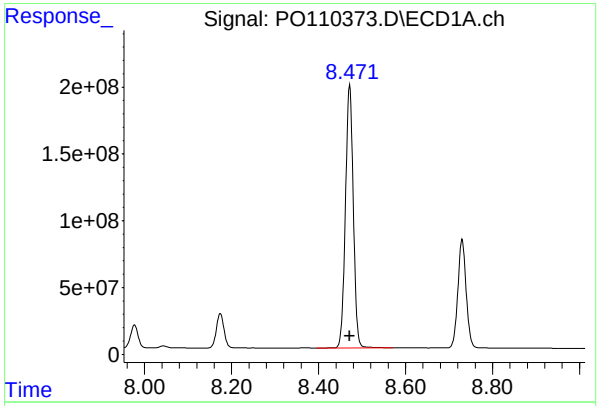
#44 AR-1268-4

R.T.: 8.174 min
Delta R.T.: 0.000 min
Response: 317233528
Conc: 727.59 ng/ml



#44 AR-1268-4

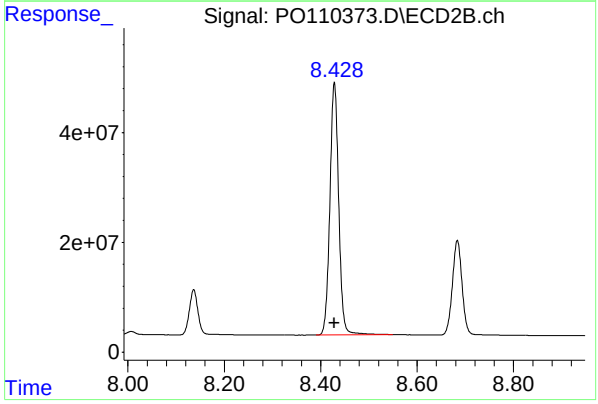
R.T.: 8.137 min
Delta R.T.: 0.000 min
Response: 102066560
Conc: 747.48 ng/ml



#45 AR-1268-5

R.T.: 8.472 min
Delta R.T.: 0.000 min
Response: 2465307486
Conc: 749.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



#45 AR-1268-5

R.T.: 8.428 min
Delta R.T.: 0.000 min
Response: 581672709
Conc: 752.31 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110374.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 17:15
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: Apr 10 18:24:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 18:23:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.688	3.685	423.1E6	238.6E6	50.000	50.000
2)	SA Decachlor...	8.732	8.684	719.3E6	163.9E6	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	7.615	7.580	704.6E6	272.9E6	500.000	500.000
42)	L9 AR-1268-2	7.680	7.645	647.2E6	249.0E6	500.000	500.000
43)	L9 AR-1268-3	7.887	7.851	525.7E6	185.4E6	500.000	500.000
44)	L9 AR-1268-4	8.175	8.137	220.9E6	70586461	500.000	500.000
45)	L9 AR-1268-5	8.472	8.429	1643.1E6	396.1E6	500.000	500.000

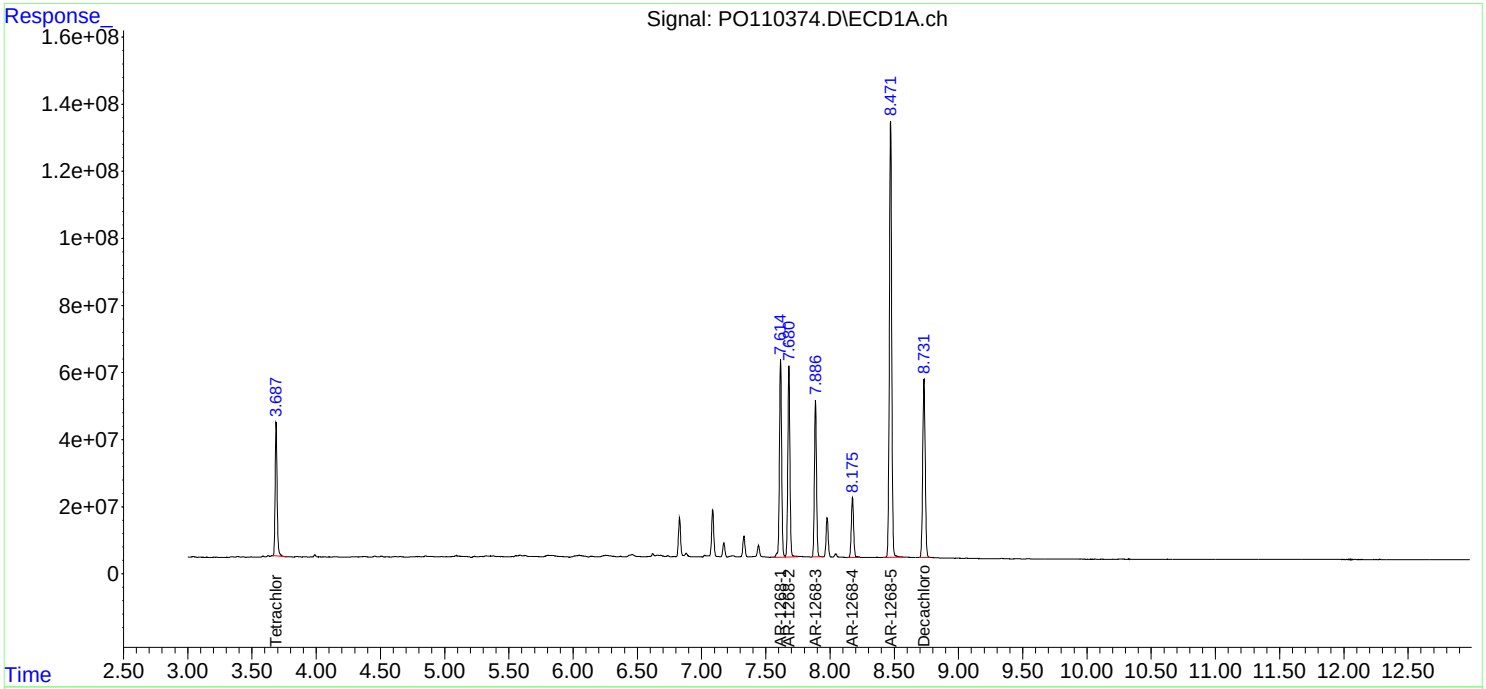
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

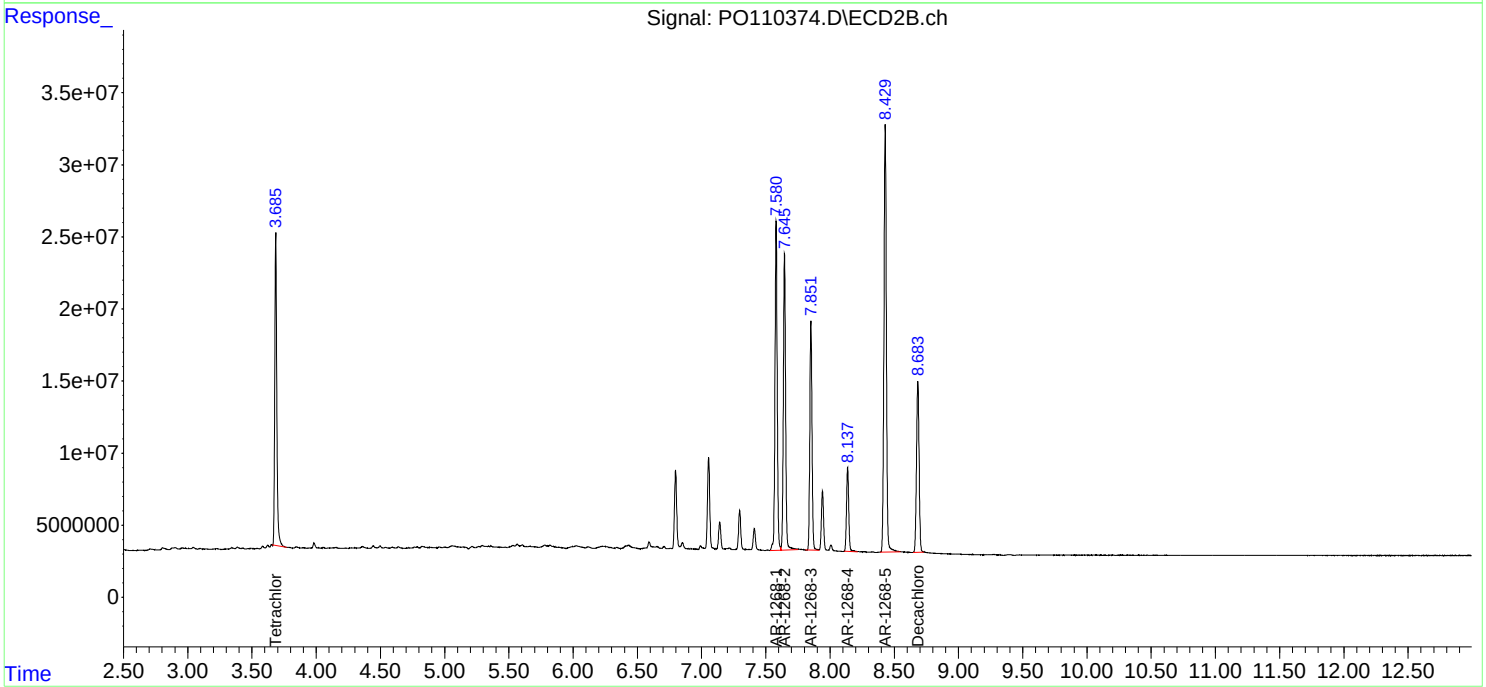
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110374.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 17:15
Operator : YP/AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

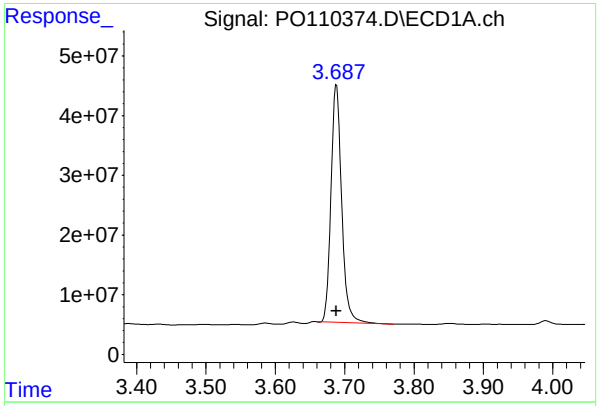
Instrument :
ECD_O
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 18:24:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 18:23:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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



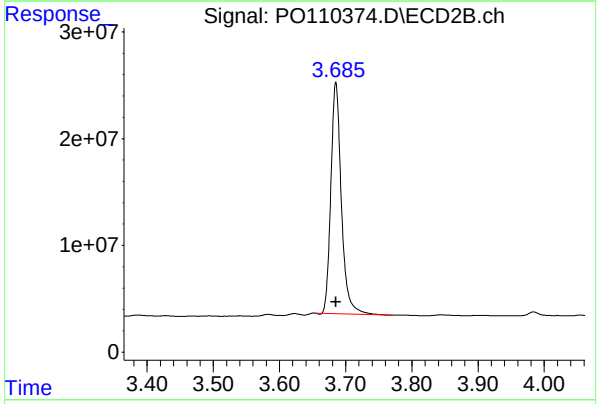




#1 Tetrachloro-m-xylene

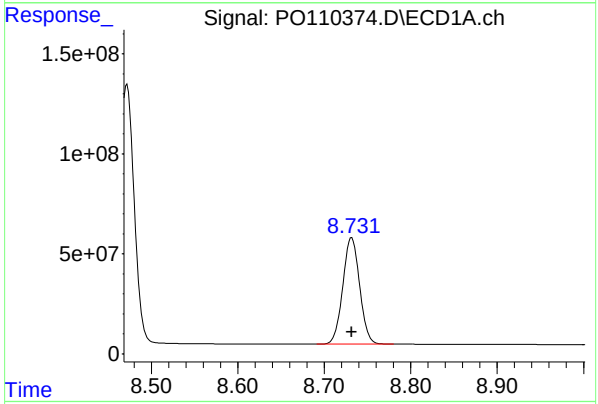
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 423067129
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



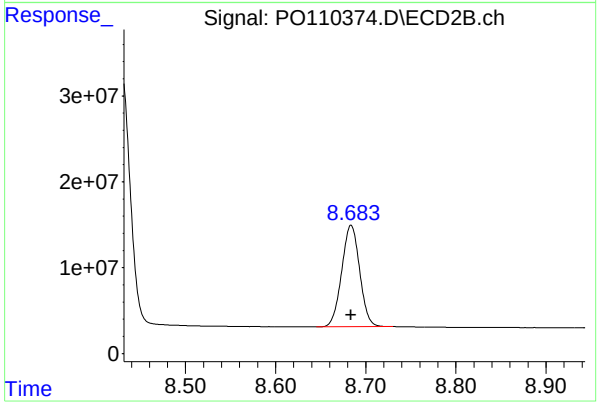
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 238629925
Conc: 50.00 ng/ml



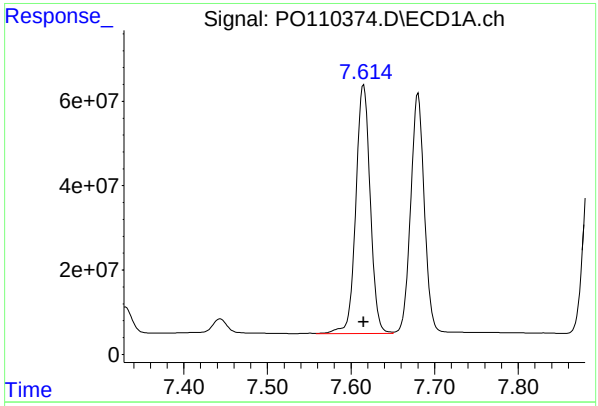
#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 719312182
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

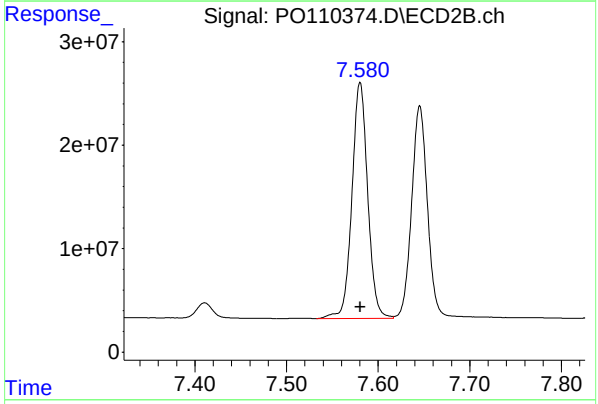
R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 163925502
Conc: 50.00 ng/ml



#41 AR-1268-1

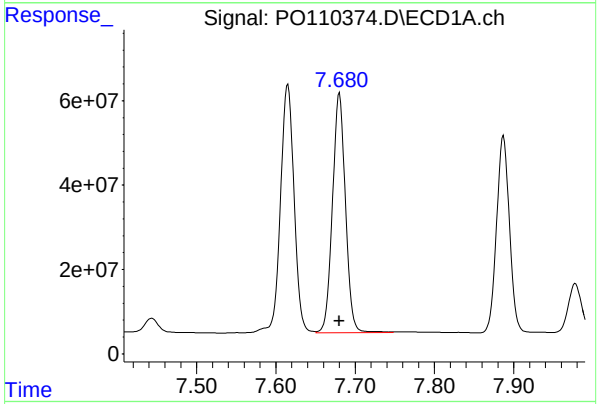
R.T.: 7.615 min
Delta R.T.: 0.000 min
Response: 704556317
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



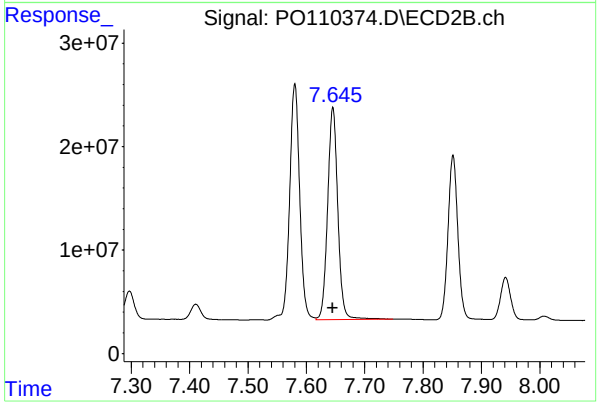
#41 AR-1268-1

R.T.: 7.580 min
Delta R.T.: 0.000 min
Response: 272944304
Conc: 500.00 ng/ml



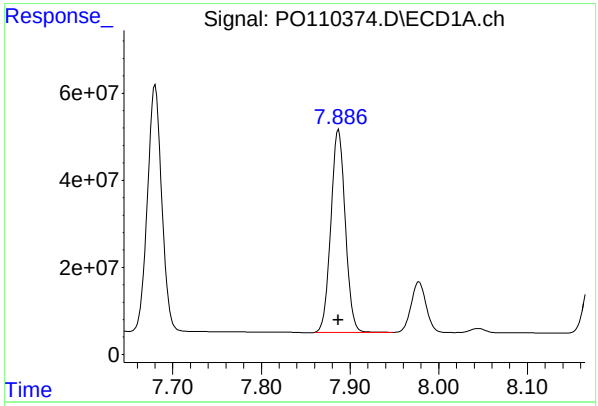
#42 AR-1268-2

R.T.: 7.680 min
Delta R.T.: 0.000 min
Response: 647213588
Conc: 500.00 ng/ml



#42 AR-1268-2

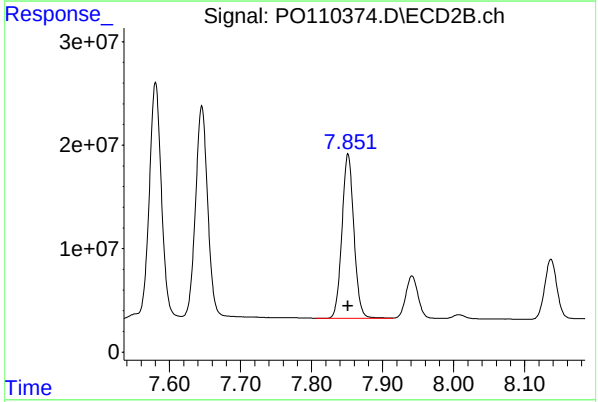
R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 249010122
Conc: 500.00 ng/ml



#43 AR-1268-3

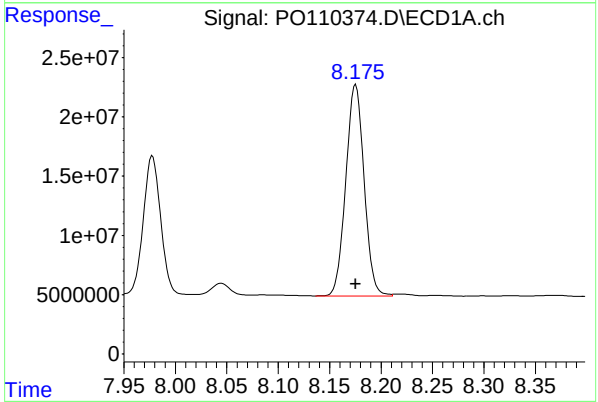
R.T.: 7.887 min
Delta R.T.: 0.000 min
Response: 525663675
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



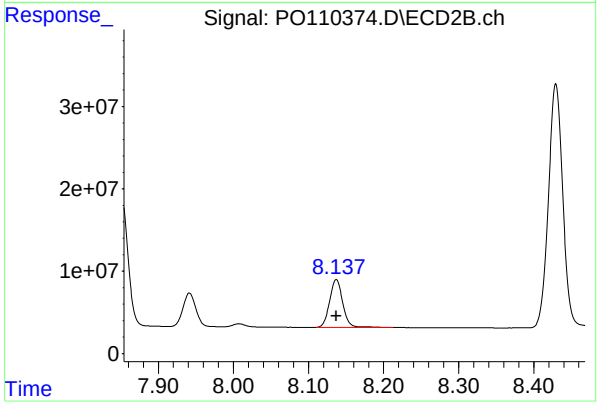
#43 AR-1268-3

R.T.: 7.851 min
Delta R.T.: 0.000 min
Response: 185357416
Conc: 500.00 ng/ml



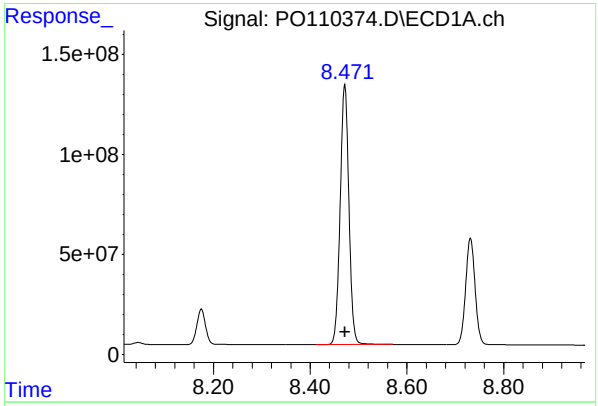
#44 AR-1268-4

R.T.: 8.175 min
Delta R.T.: 0.000 min
Response: 220920910
Conc: 500.00 ng/ml



#44 AR-1268-4

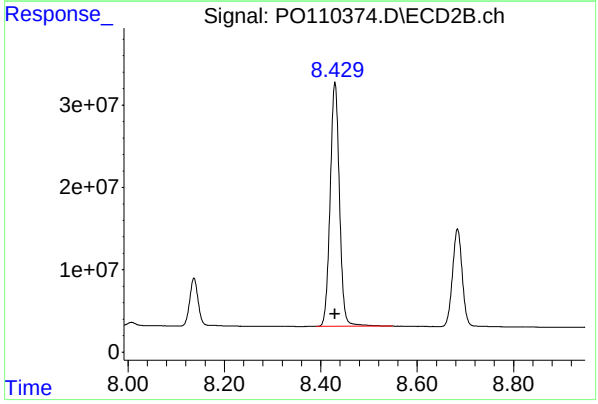
R.T.: 8.137 min
Delta R.T.: 0.000 min
Response: 70586461
Conc: 500.00 ng/ml



#45 AR-1268-5

R.T.: 8.472 min
Delta R.T.: 0.000 min
Response: 1643055400
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



#45 AR-1268-5

R.T.: 8.429 min
Delta R.T.: 0.000 min
Response: 396123334
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110375.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 17:33
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: Apr 10 18:34:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 18:23:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.687	3.685	223.2E6	125.8E6	25.567	25.592
2)	SA Decachlor...	8.733	8.684	374.5E6	87516933	26.002	27.002
	Target Compounds						
41)	L9 AR-1268-1	7.615	7.581	363.7E6	142.0E6	257.715	260.832
42)	L9 AR-1268-2	7.681	7.646	329.0E6	129.2E6	253.440	260.179
43)	L9 AR-1268-3	7.888	7.852	270.5E6	97320040	256.351	263.982
44)	L9 AR-1268-4	8.176	8.137	118.1E6	38142084	265.411	271.372
45)	L9 AR-1268-5	8.472	8.429	825.0E6	203.5E6	250.707	259.740

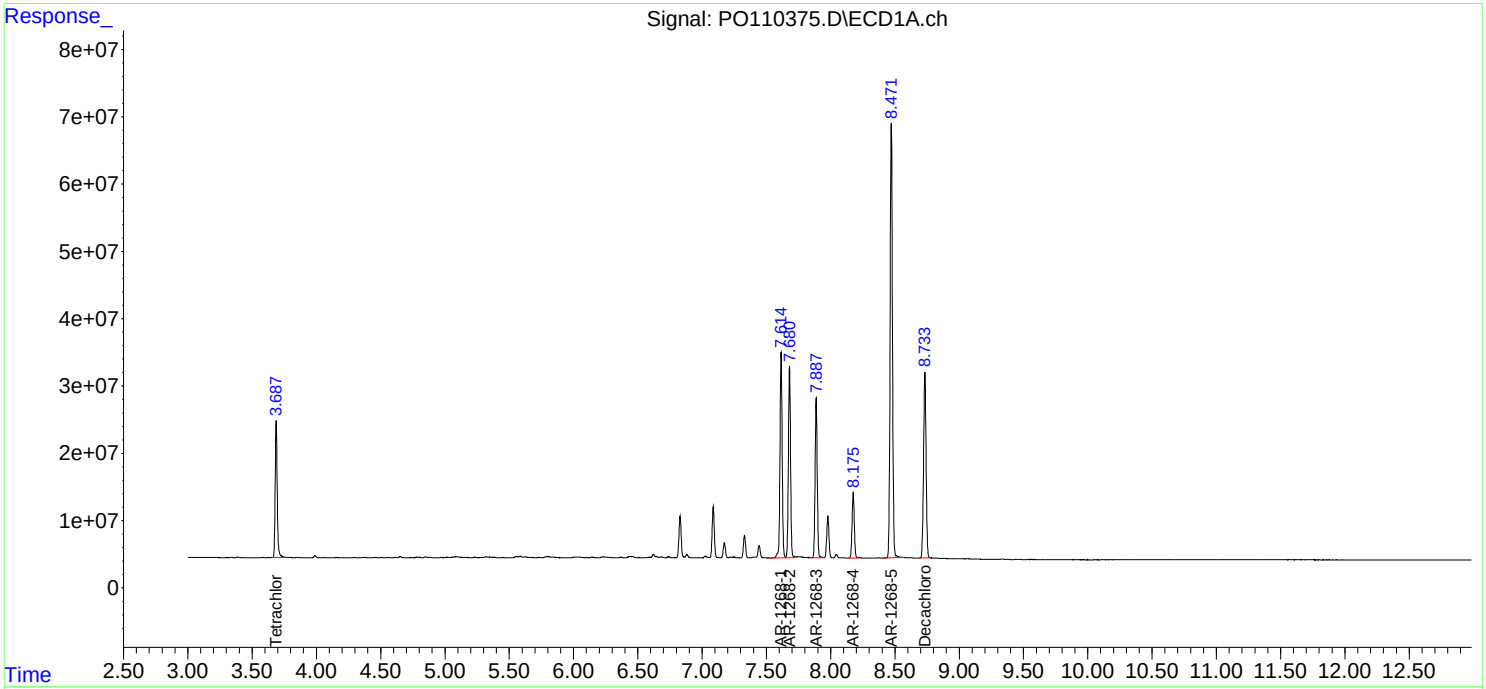
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

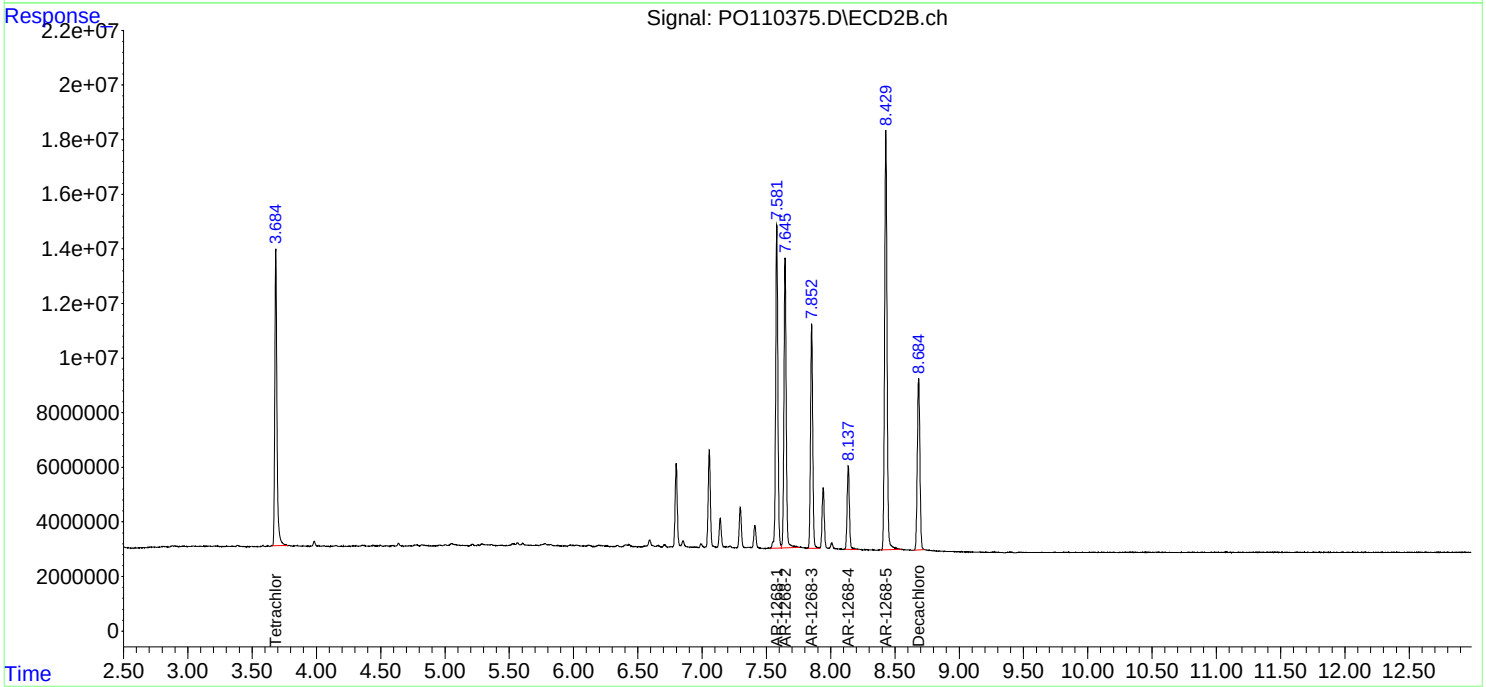
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110375.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 17:33
Operator : YP/AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

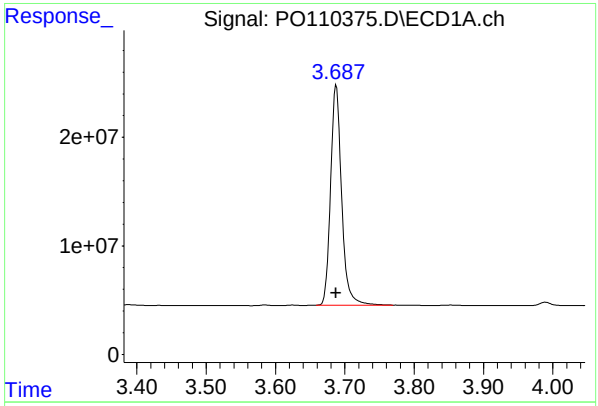
Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 18:34:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 18:23:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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



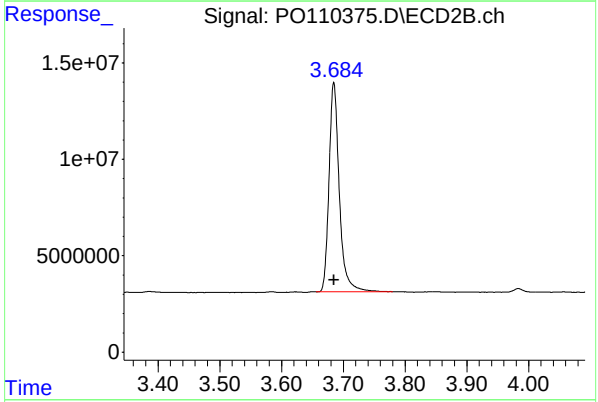




#1 Tetrachloro-m-xylene

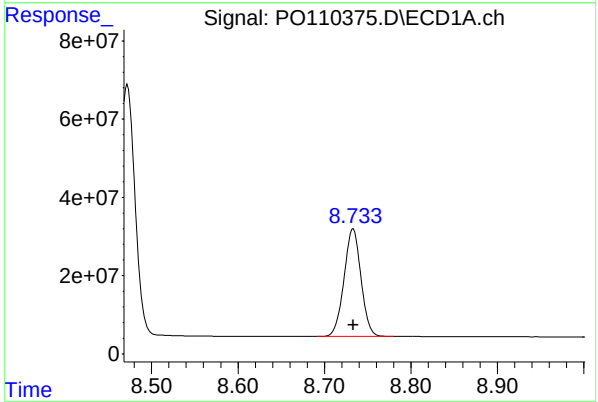
R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 223177656
Conc: 25.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



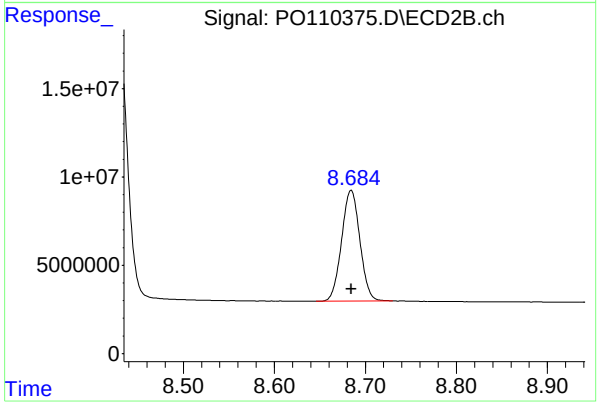
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 125848954
Conc: 25.59 ng/ml



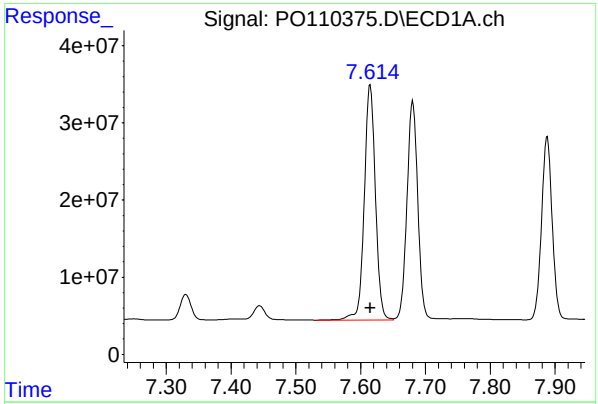
#2 Decachlorobiphenyl

R.T.: 8.733 min
Delta R.T.: 0.000 min
Response: 374472641
Conc: 26.00 ng/ml



#2 Decachlorobiphenyl

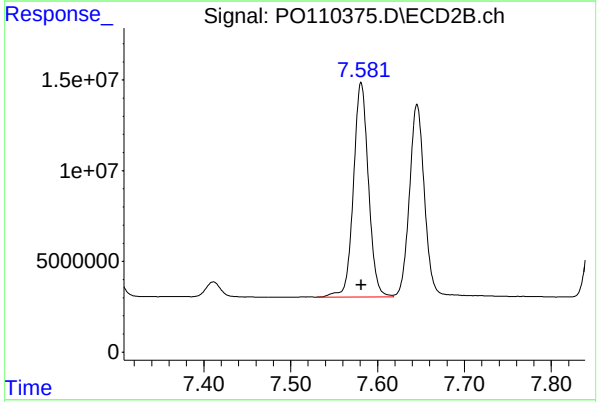
R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 87516933
Conc: 27.00 ng/ml



#41 AR-1268-1

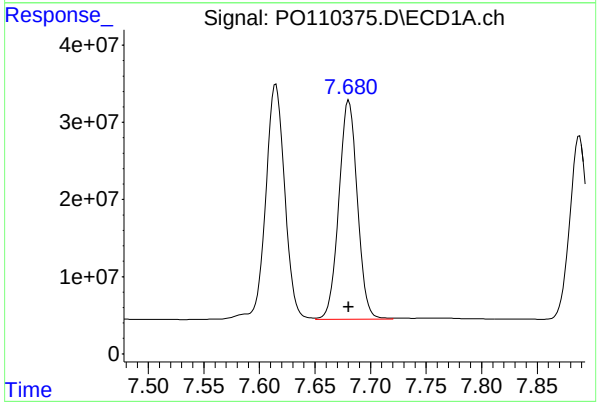
R.T.: 7.615 min
Delta R.T.: 0.000 min
Response: 363679668
Conc: 257.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



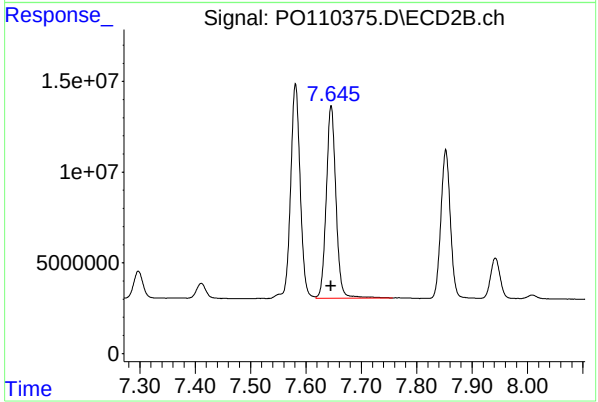
#41 AR-1268-1

R.T.: 7.581 min
Delta R.T.: 0.000 min
Response: 142031158
Conc: 260.83 ng/ml



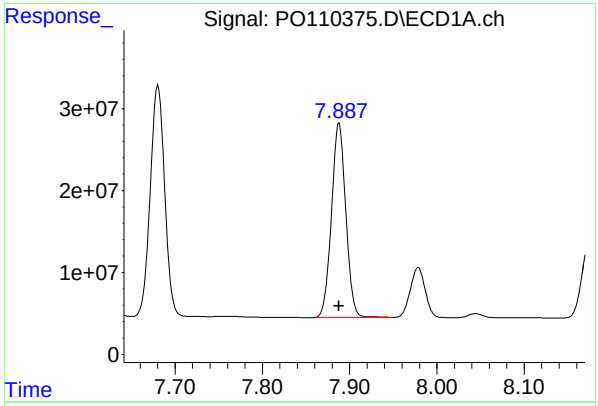
#42 AR-1268-2

R.T.: 7.681 min
Delta R.T.: 0.000 min
Response: 328985593
Conc: 253.44 ng/ml



#42 AR-1268-2

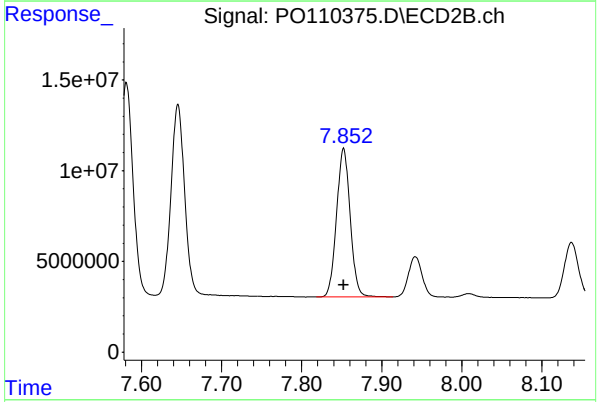
R.T.: 7.646 min
Delta R.T.: 0.000 min
Response: 129174850
Conc: 260.18 ng/ml



#43 AR-1268-3

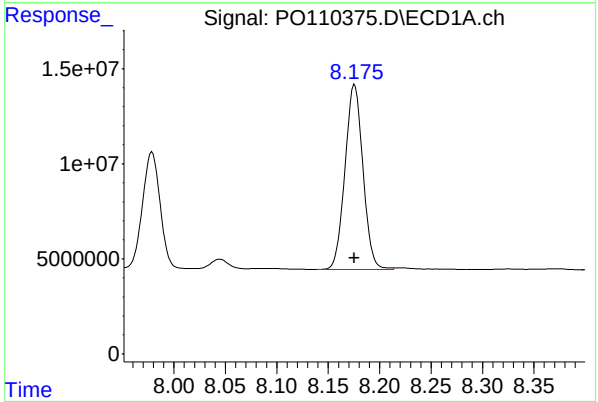
R.T.: 7.888 min
Delta R.T.: 0.000 min
Response: 270468128
Conc: 256.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



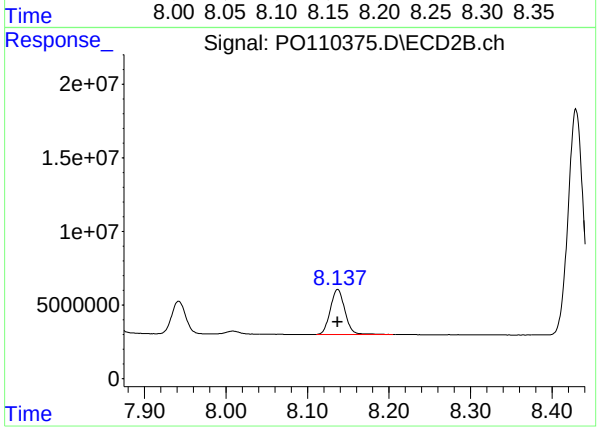
#43 AR-1268-3

R.T.: 7.852 min
Delta R.T.: 0.000 min
Response: 97320040
Conc: 263.98 ng/ml



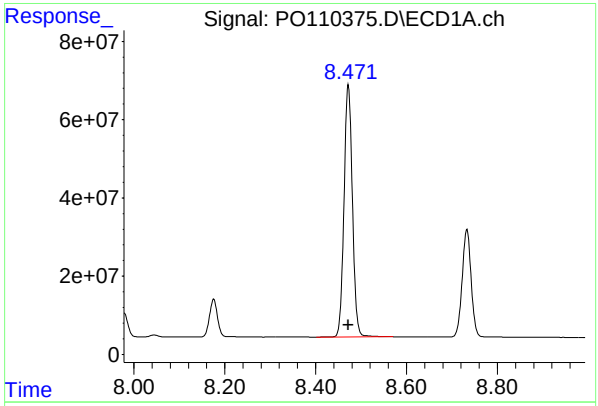
#44 AR-1268-4

R.T.: 8.176 min
Delta R.T.: 0.000 min
Response: 118147663
Conc: 265.41 ng/ml



#44 AR-1268-4

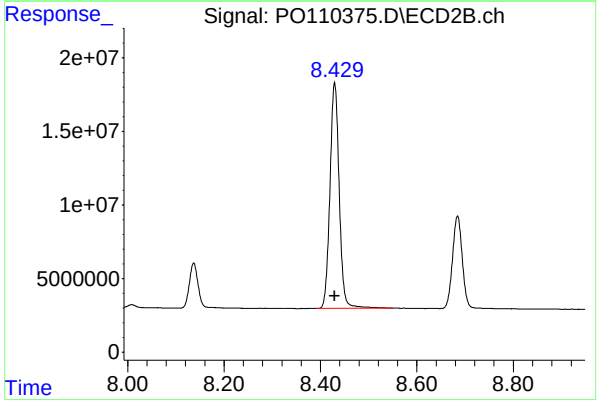
R.T.: 8.137 min
Delta R.T.: 0.000 min
Response: 38142084
Conc: 271.37 ng/ml



#45 AR-1268-5

R.T.: 8.472 min
Delta R.T.: 0.000 min
Response: 824957315
Conc: 250.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



#45 AR-1268-5

R.T.: 8.429 min
Delta R.T.: 0.000 min
Response: 203468755
Conc: 259.74 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110376.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 17:52
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 18:37:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 18:23:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.687	3.684	39467832	22436384	4.610	4.644
2)	SA Decachlor...	8.732	8.684	71324202	17516545	4.962	5.318
	Target Compounds						
41)	L9 AR-1268-1	7.616	7.580	68808575	28029289	49.003	51.172
42)	L9 AR-1268-2	7.680	7.645	60320169	25075562	47.135	50.404
43)	L9 AR-1268-3	7.887	7.852	49726337	19160308	47.678	51.566
44)	L9 AR-1268-4	8.175	8.136	22009230	7174009	49.553	50.830
45)	L9 AR-1268-5	8.473	8.428	146.9E6	40130945	45.608	50.979

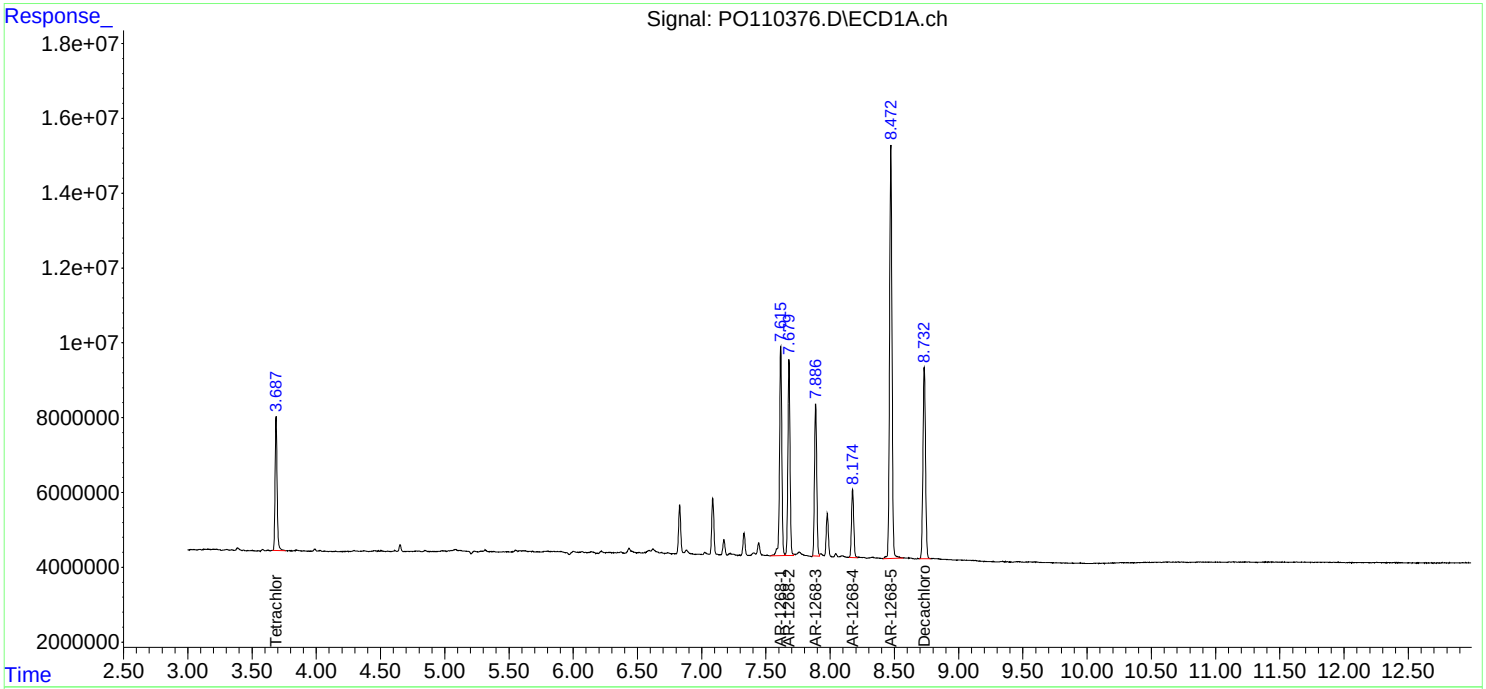
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

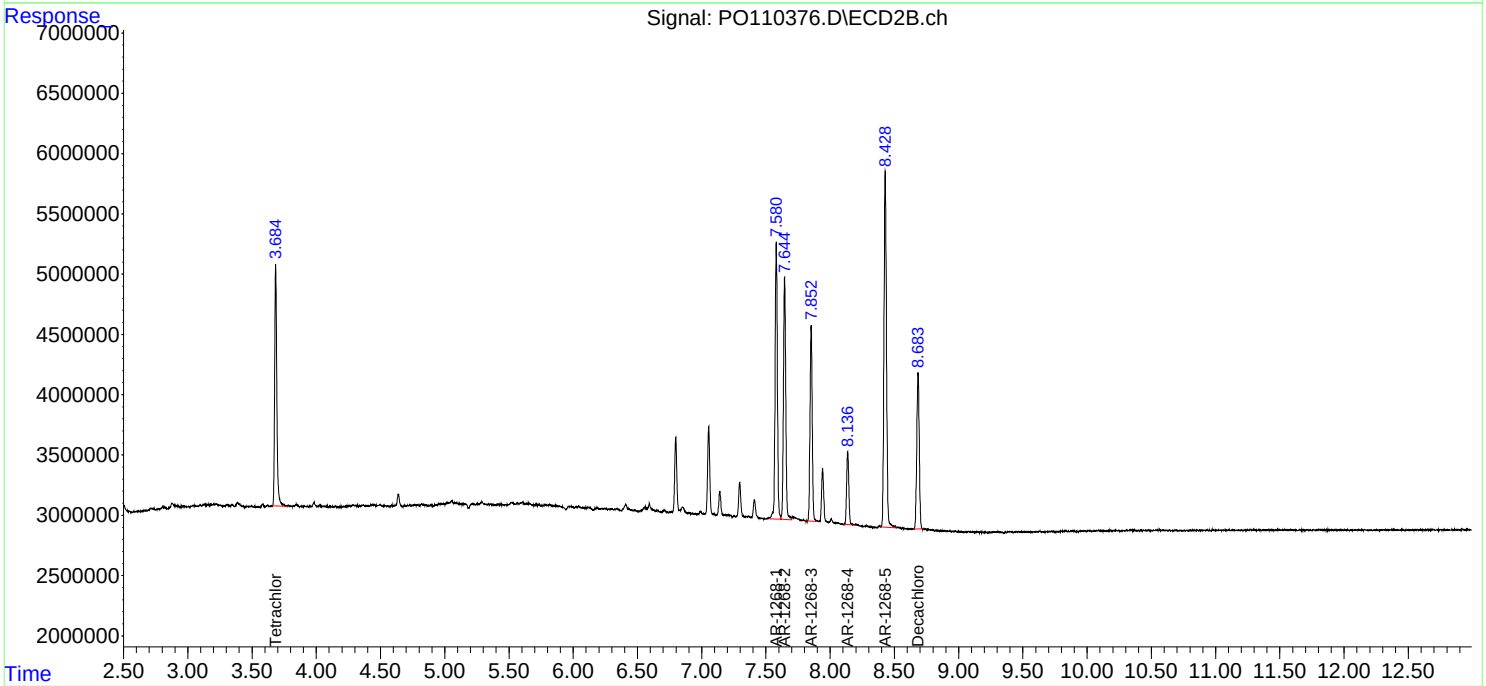
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110376.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 17:52
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

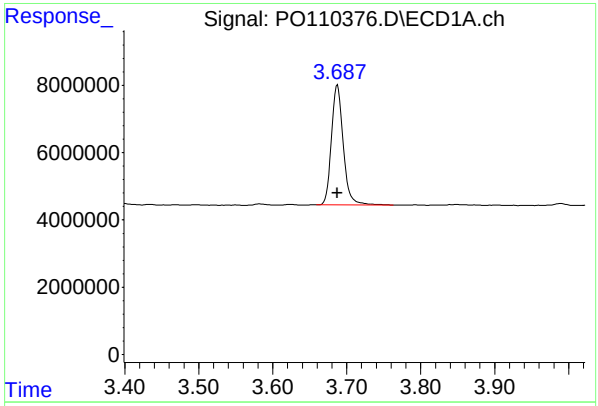
Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 18:37:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 18:23:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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



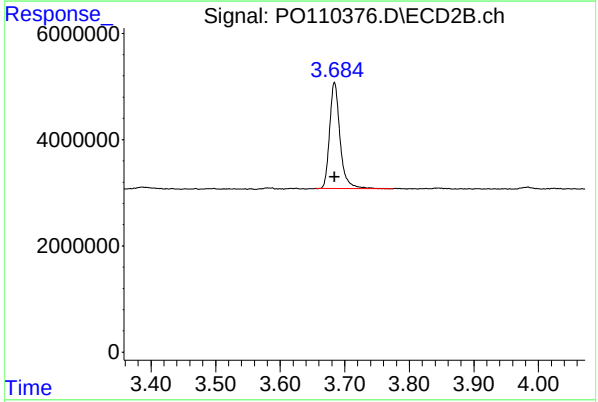




#1 Tetrachloro-m-xylene

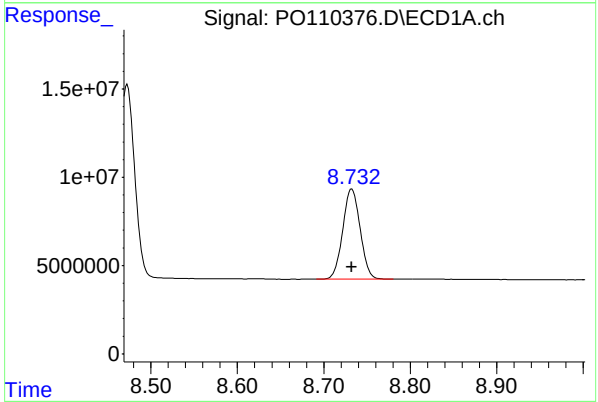
R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 39467832
Conc: 4.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



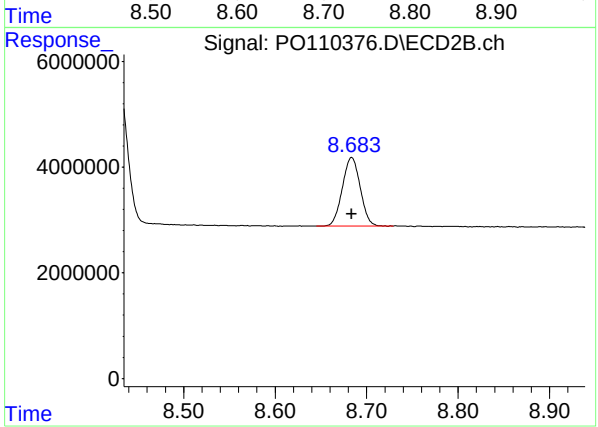
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 22436384
Conc: 4.64 ng/ml



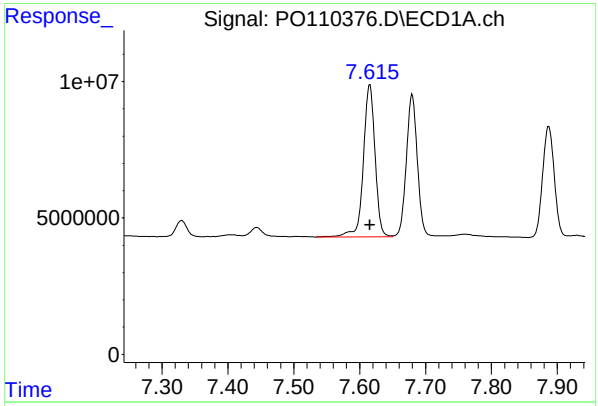
#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 71324202
Conc: 4.96 ng/ml



#2 Decachlorobiphenyl

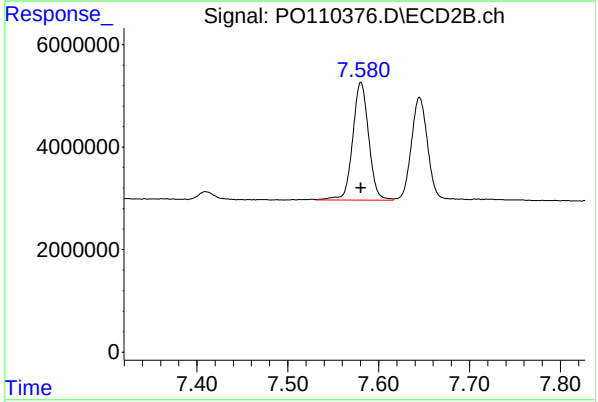
R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 17516545
Conc: 5.32 ng/ml



#41 AR-1268-1

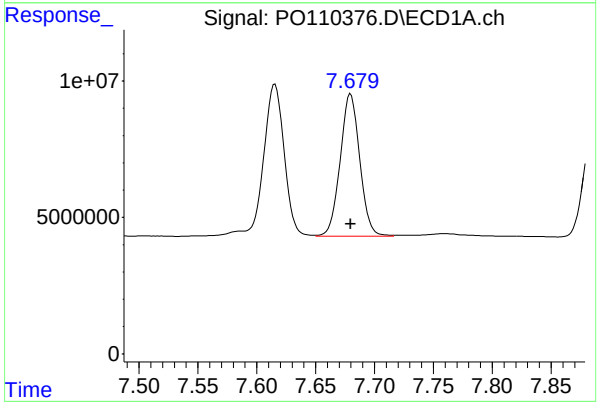
R.T.: 7.616 min
Delta R.T.: 0.000 min
Response: 68808575
Conc: 49.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



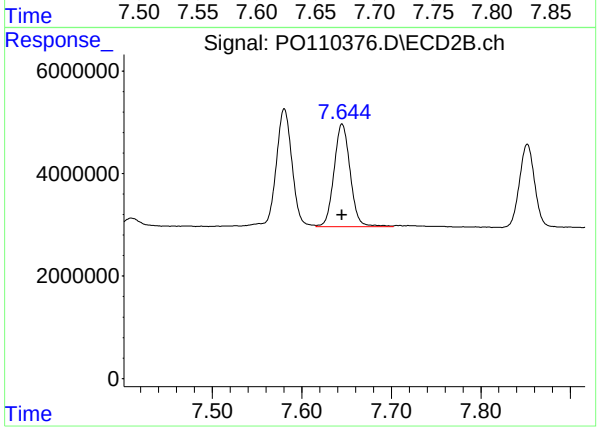
#41 AR-1268-1

R.T.: 7.580 min
Delta R.T.: 0.000 min
Response: 28029289
Conc: 51.17 ng/ml



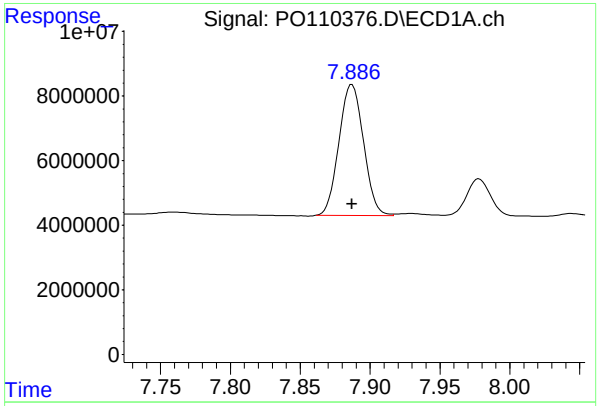
#42 AR-1268-2

R.T.: 7.680 min
Delta R.T.: 0.000 min
Response: 60320169
Conc: 47.13 ng/ml



#42 AR-1268-2

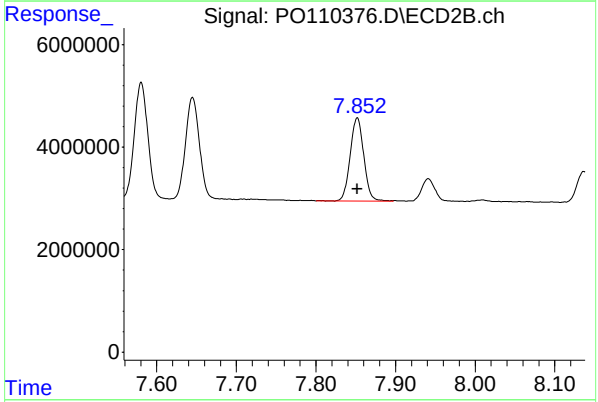
R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 25075562
Conc: 50.40 ng/ml



#43 AR-1268-3

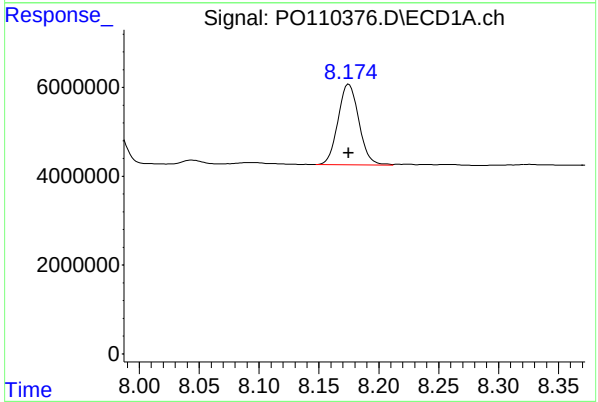
R.T.: 7.887 min
Delta R.T.: 0.000 min
Response: 49726337
Conc: 47.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



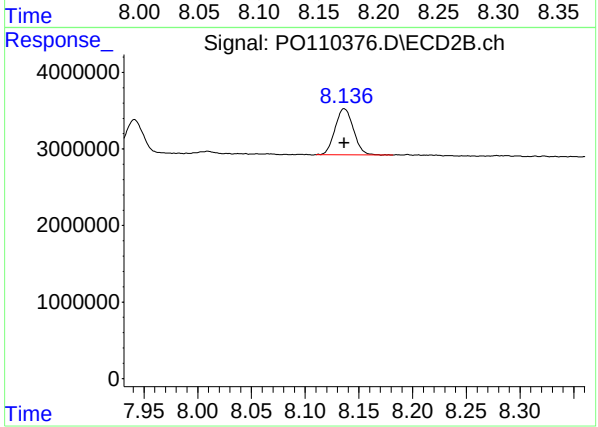
#43 AR-1268-3

R.T.: 7.852 min
Delta R.T.: 0.000 min
Response: 19160308
Conc: 51.57 ng/ml



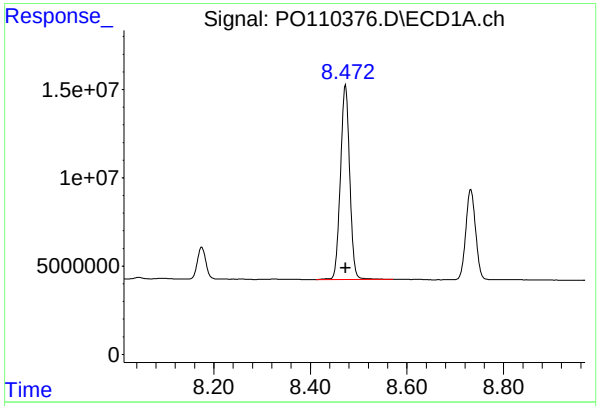
#44 AR-1268-4

R.T.: 8.175 min
Delta R.T.: 0.000 min
Response: 22009230
Conc: 49.55 ng/ml



#44 AR-1268-4

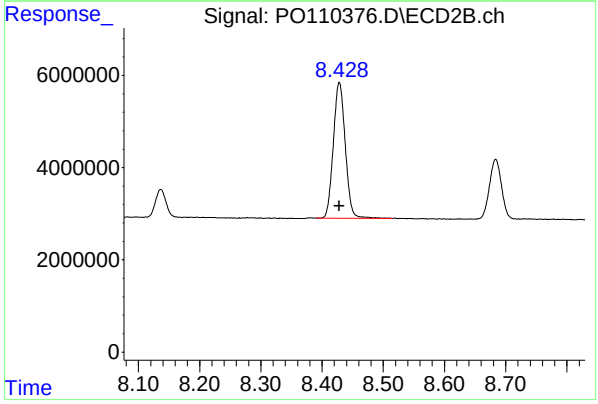
R.T.: 8.136 min
Delta R.T.: 0.000 min
Response: 7174009
Conc: 50.83 ng/ml



#45 AR-1268-5

R.T.: 8.473 min
Delta R.T.: 0.000 min
Response: 146850912
Conc: 45.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



#45 AR-1268-5

R.T.: 8.428 min
Delta R.T.: 0.000 min
Response: 40130945
Conc: 50.98 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110377.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 18:09
Operator : YP/AJ
Sample : PO041025ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO041025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 18:45:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 18:44:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.685	421.6E6	244.8E6	48.193	49.064
2)	SA Decachlor...	8.731	8.685	398.8E6	93206294	50.509	48.419
	Target Compounds						
3)	L1 AR-1016-1	4.778	4.766	160.3E6	85578058	488.595	487.598
4)	L1 AR-1016-2	4.797	4.784	224.6E6	123.9E6	493.781	492.855
5)	L1 AR-1016-3	4.853	4.960	157.2E6	66551398	487.462	490.391
6)	L1 AR-1016-4	4.973	5.002	122.3E6	55570470	491.017	485.892
7)	L1 AR-1016-5	5.231	5.215	133.8E6	73527628	497.315	493.229
31)	L7 AR-1260-1	6.270	6.246	237.6E6	121.3E6	502.988	493.308
32)	L7 AR-1260-2	6.460	6.434	287.8E6	140.8E6	490.780	482.474
33)	L7 AR-1260-3	6.827	6.586	245.6E6	132.0E6	498.218	487.409
34)	L7 AR-1260-4	7.087	7.058	213.8E6	98678673	503.635	491.819
35)	L7 AR-1260-5	7.329	7.298	535.6E6	226.2E6	513.241	492.883

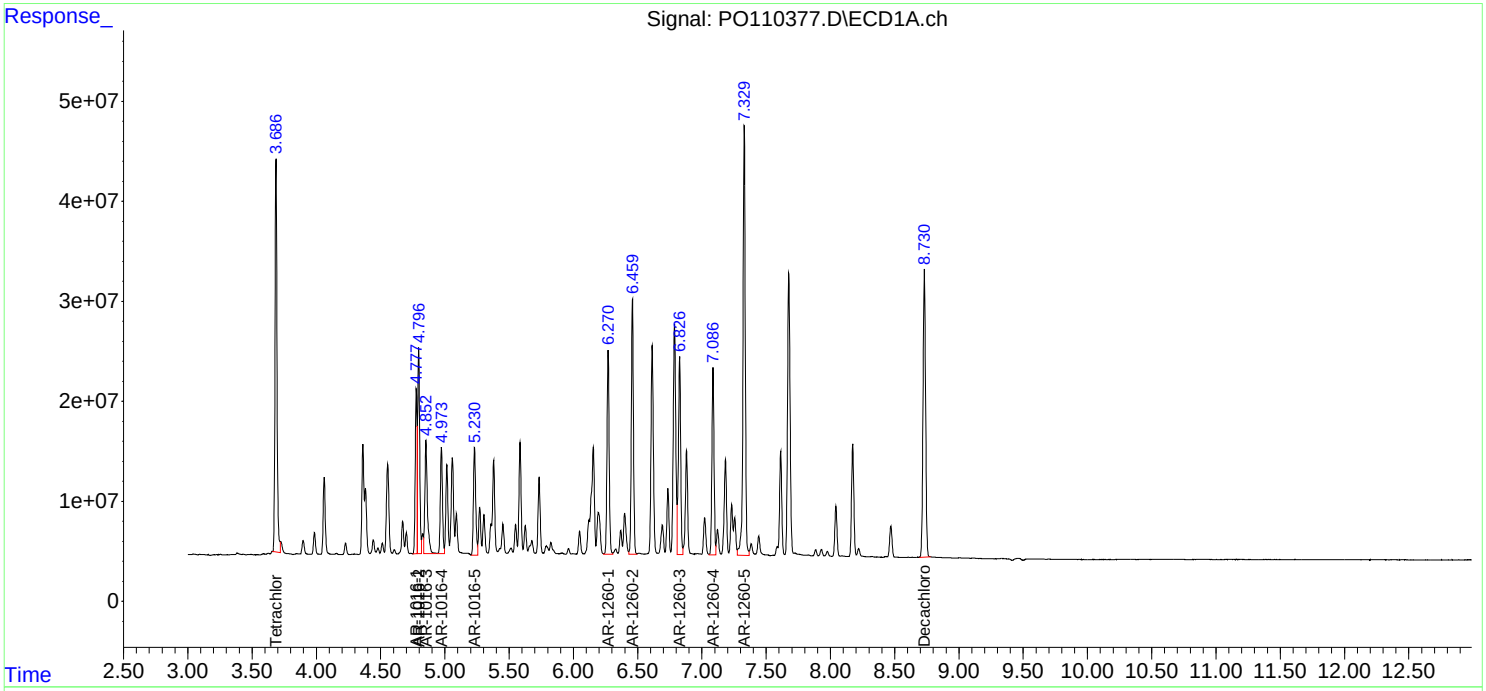
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

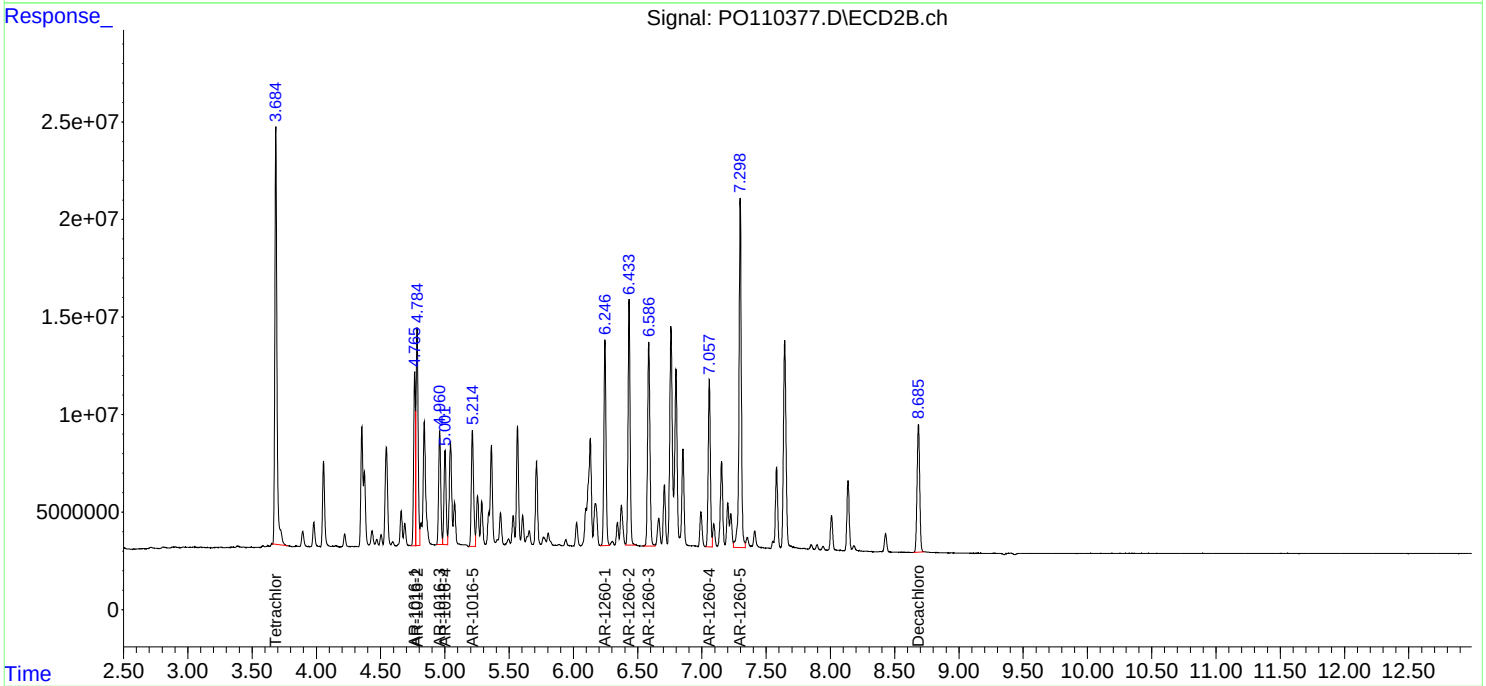
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110377.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 18:09
Operator : YP/AJ
Sample : PO041025ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

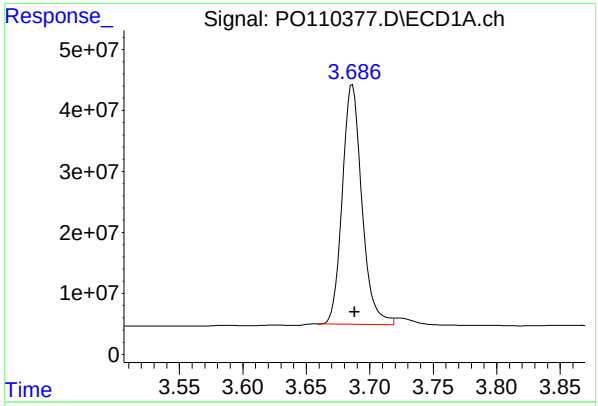
Instrument :
ECD_O
ClientSampleId :
ICVPO041025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 18:45:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 18:44:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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



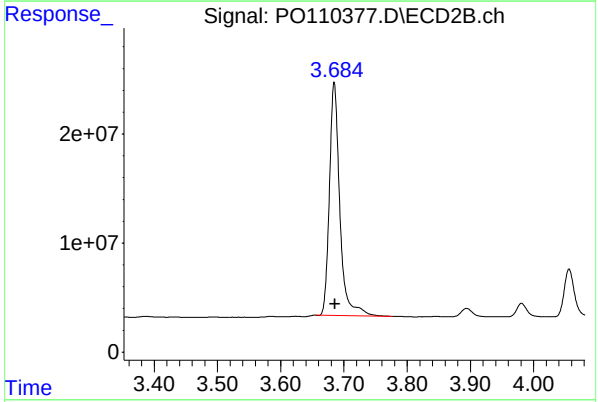




#1 Tetrachloro-m-xylene

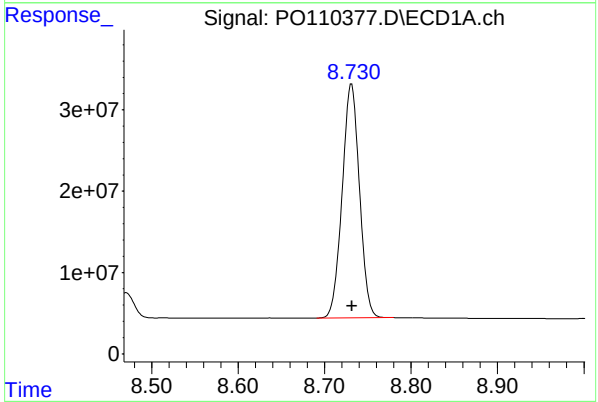
R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 421644591
Conc: 48.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO041025



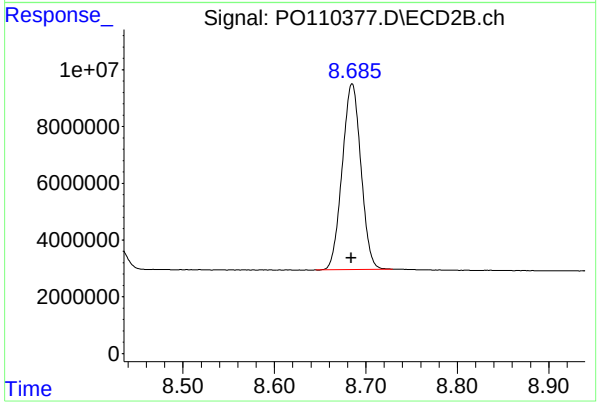
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: -0.001 min
Response: 244816340
Conc: 49.06 ng/ml



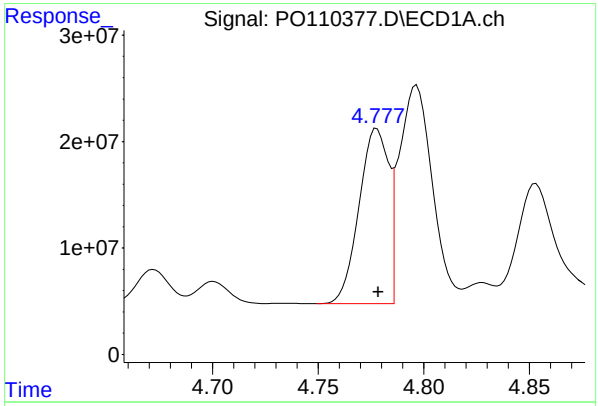
#2 Decachlorobiphenyl

R.T.: 8.731 min
Delta R.T.: 0.000 min
Response: 398769118
Conc: 50.51 ng/ml



#2 Decachlorobiphenyl

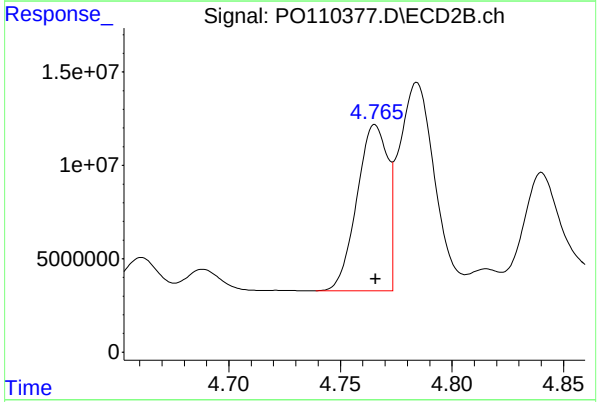
R.T.: 8.685 min
Delta R.T.: 0.000 min
Response: 93206294
Conc: 48.42 ng/ml



#3 AR-1016-1

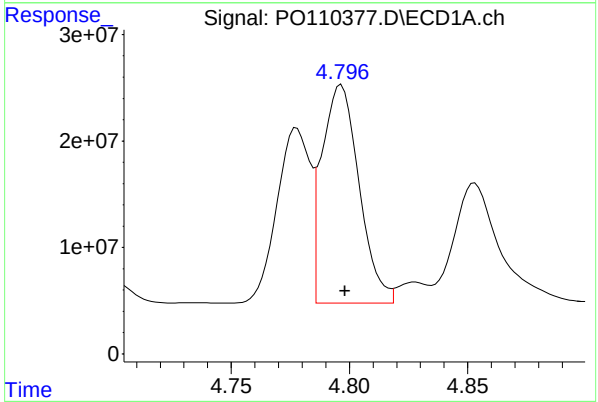
R.T.: 4.778 min
Delta R.T.: 0.000 min
Response: 160329385
Conc: 488.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO041025



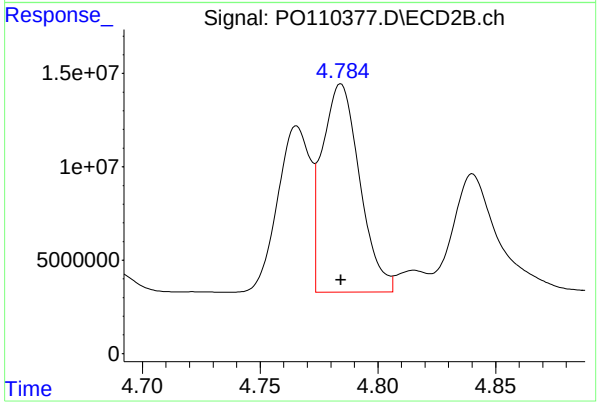
#3 AR-1016-1

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 85578058
Conc: 487.60 ng/ml



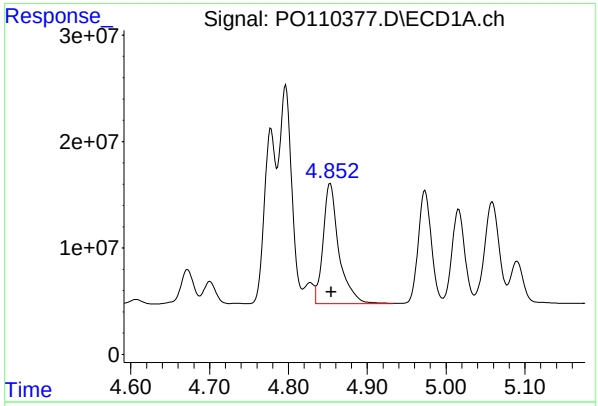
#4 AR-1016-2

R.T.: 4.797 min
Delta R.T.: -0.002 min
Response: 224644909
Conc: 493.78 ng/ml



#4 AR-1016-2

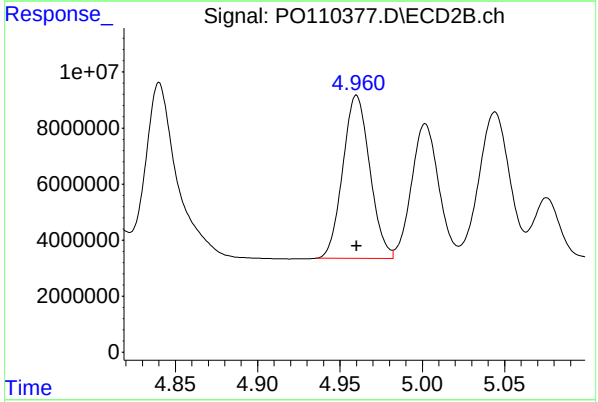
R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 123935759
Conc: 492.85 ng/ml



#5 AR-1016-3

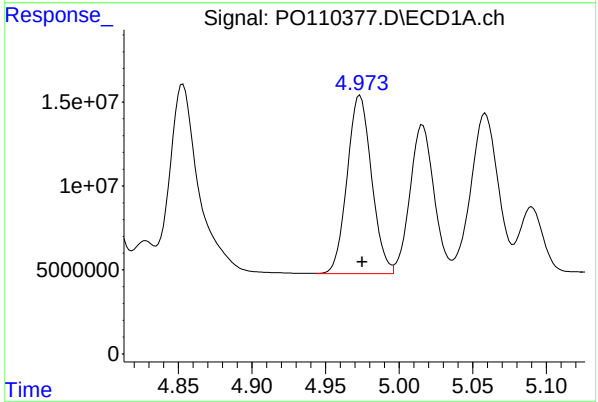
R.T.: 4.853 min
Delta R.T.: -0.002 min
Response: 157219813
Conc: 487.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO041025



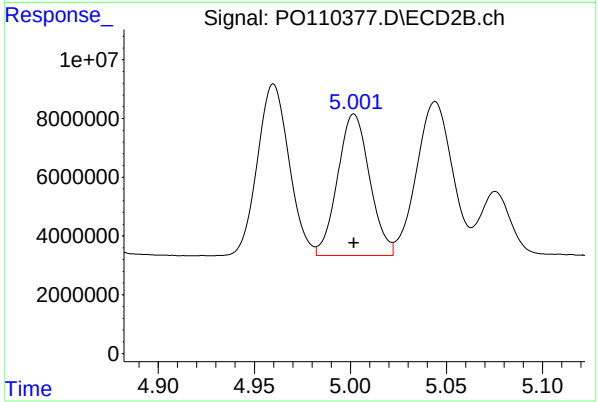
#5 AR-1016-3

R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 66551398
Conc: 490.39 ng/ml



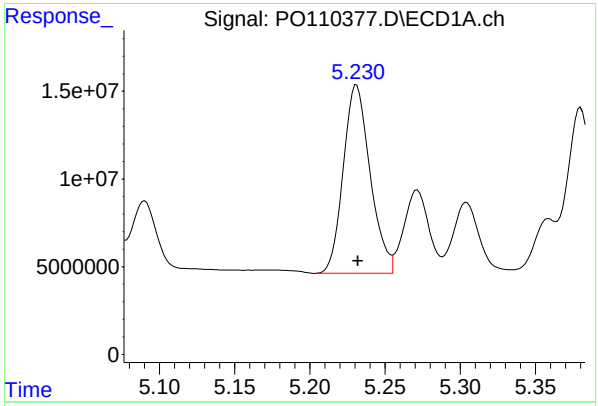
#6 AR-1016-4

R.T.: 4.973 min
Delta R.T.: -0.002 min
Response: 122344041
Conc: 491.02 ng/ml



#6 AR-1016-4

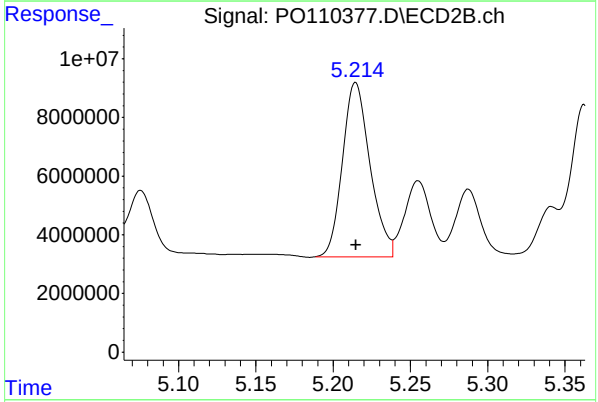
R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 55570470
Conc: 485.89 ng/ml



#7 AR-1016-5

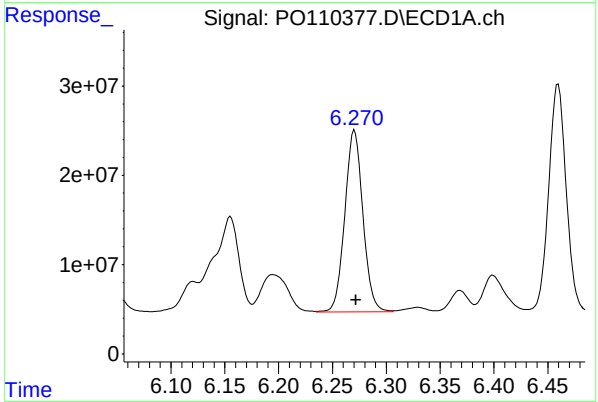
R.T.: 5.231 min
Delta R.T.: 0.000 min
Response: 133783641
Conc: 497.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO041025



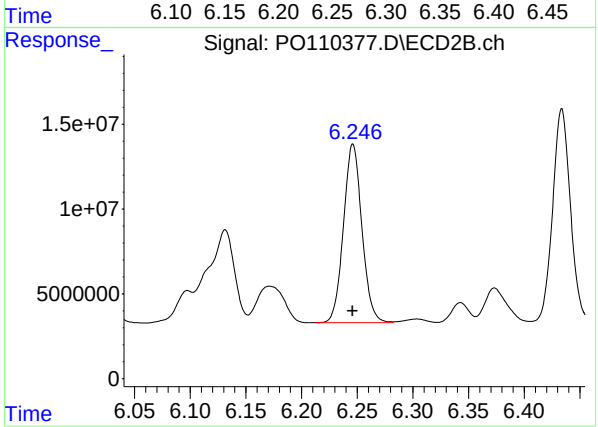
#7 AR-1016-5

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 73527628
Conc: 493.23 ng/ml



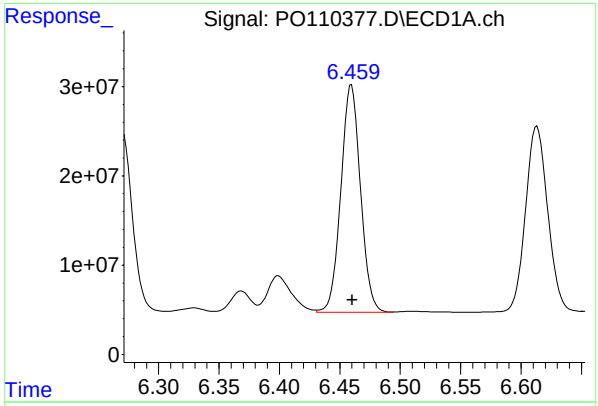
#31 AR-1260-1

R.T.: 6.270 min
Delta R.T.: -0.002 min
Response: 237634519
Conc: 502.99 ng/ml



#31 AR-1260-1

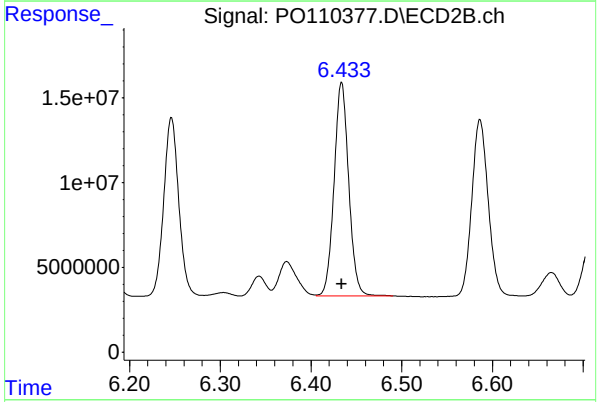
R.T.: 6.246 min
Delta R.T.: 0.000 min
Response: 121335820
Conc: 493.31 ng/ml



#32 AR-1260-2

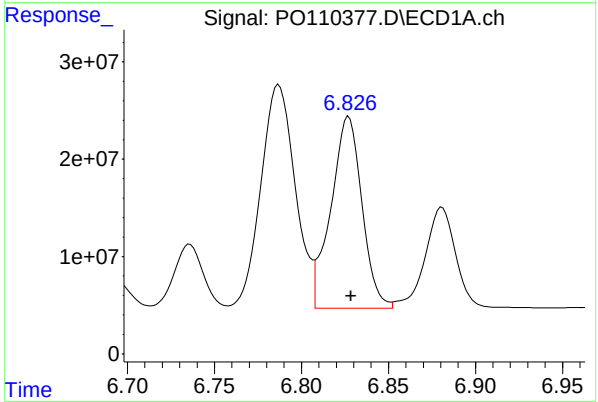
R.T.: 6.460 min
Delta R.T.: 0.000 min
Response: 287805163
Conc: 490.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO041025



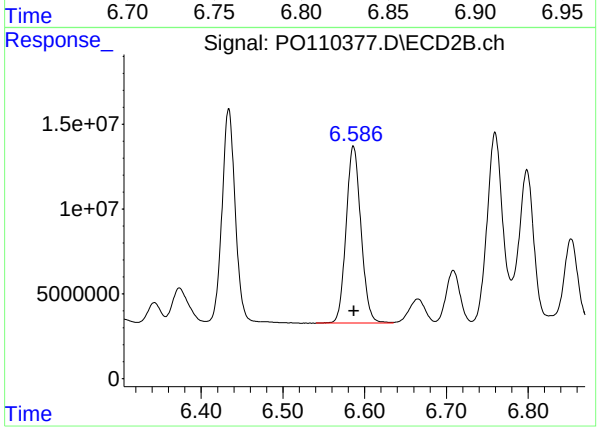
#32 AR-1260-2

R.T.: 6.434 min
Delta R.T.: 0.000 min
Response: 140762216
Conc: 482.47 ng/ml



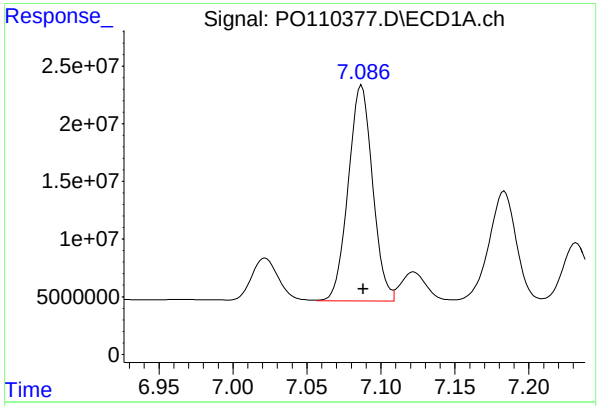
#33 AR-1260-3

R.T.: 6.827 min
Delta R.T.: -0.001 min
Response: 245558046
Conc: 498.22 ng/ml



#33 AR-1260-3

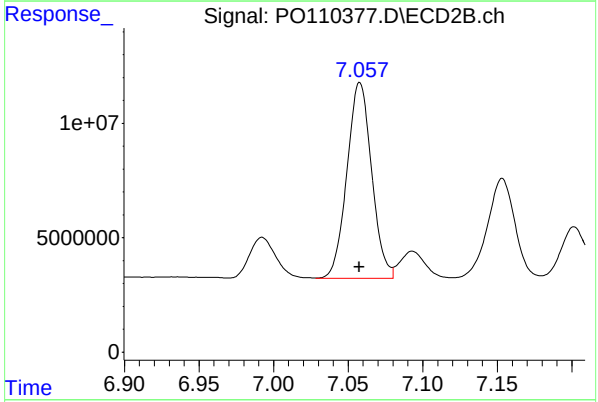
R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 132031272
Conc: 487.41 ng/ml



#34 AR-1260-4

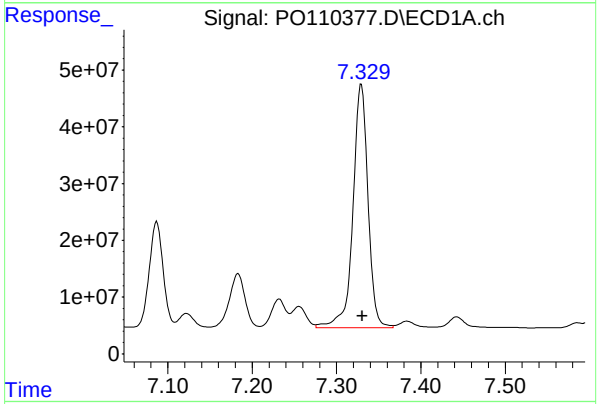
R.T.: 7.087 min
Delta R.T.: -0.001 min
Response: 213754206
Conc: 503.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO041025



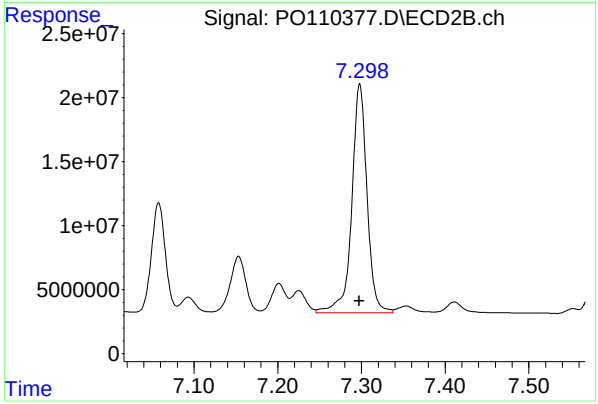
#34 AR-1260-4

R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 98678673
Conc: 491.82 ng/ml



#35 AR-1260-5

R.T.: 7.329 min
Delta R.T.: 0.000 min
Response: 535552109
Conc: 513.24 ng/ml



#35 AR-1260-5

R.T.: 7.298 min
Delta R.T.: 0.000 min
Response: 226163331
Conc: 492.88 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110378.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 18:46
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 19:22:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 18:44:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.687	3.684	443.8E6	250.6E6	50.720	50.218
2)	SA Decachlor...	8.732	8.684	397.2E6	92891086	50.313	48.255
	Target Compounds						
16)	L4 AR-1242-1	4.778	4.765	140.4E6	74475295	505.918	498.154
17)	L4 AR-1242-2	4.797	4.784	194.4E6	106.8E6	503.798	500.644
18)	L4 AR-1242-3	4.854	4.959	138.3E6	57809929	496.987	500.162
19)	L4 AR-1242-4	4.975	5.043	107.3E6	59712665	507.656	497.194
20)	L4 AR-1242-5	5.627	5.564	113.7E6	71571546	502.212	493.267

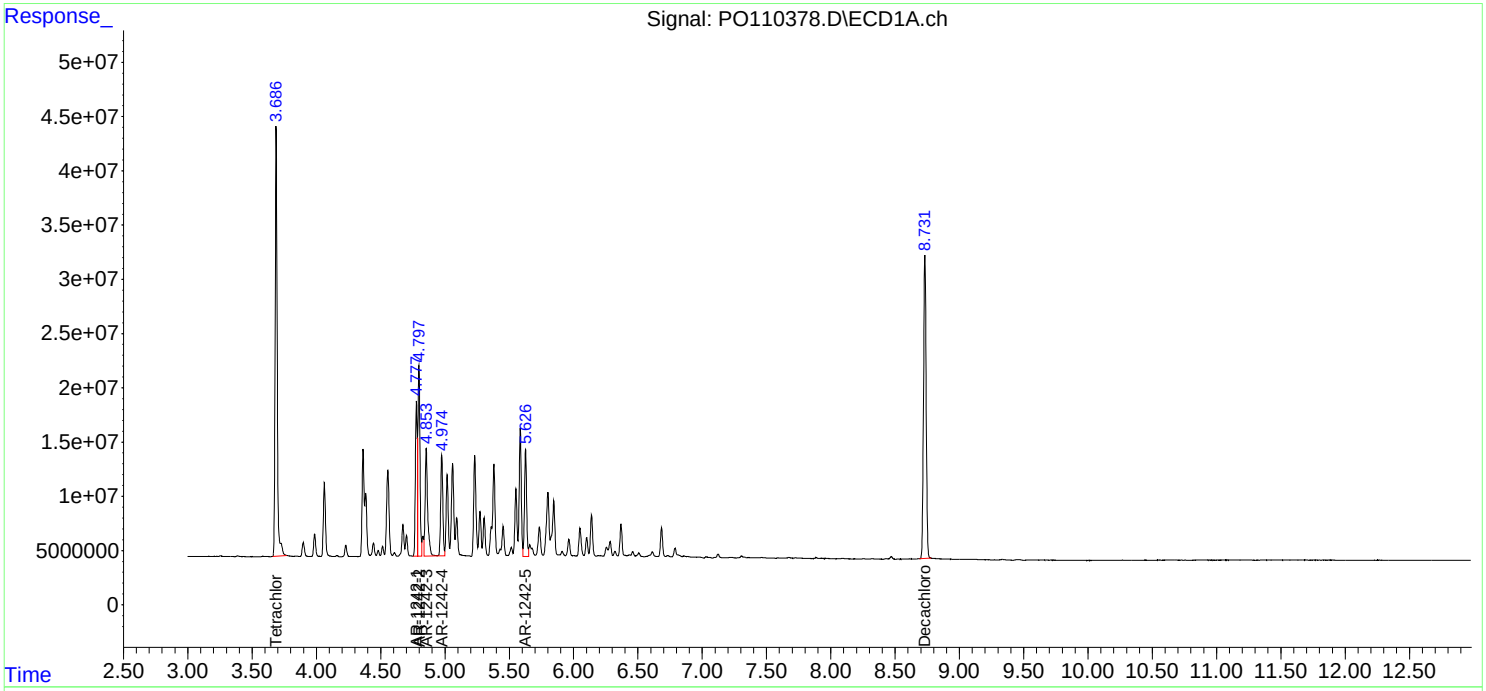
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

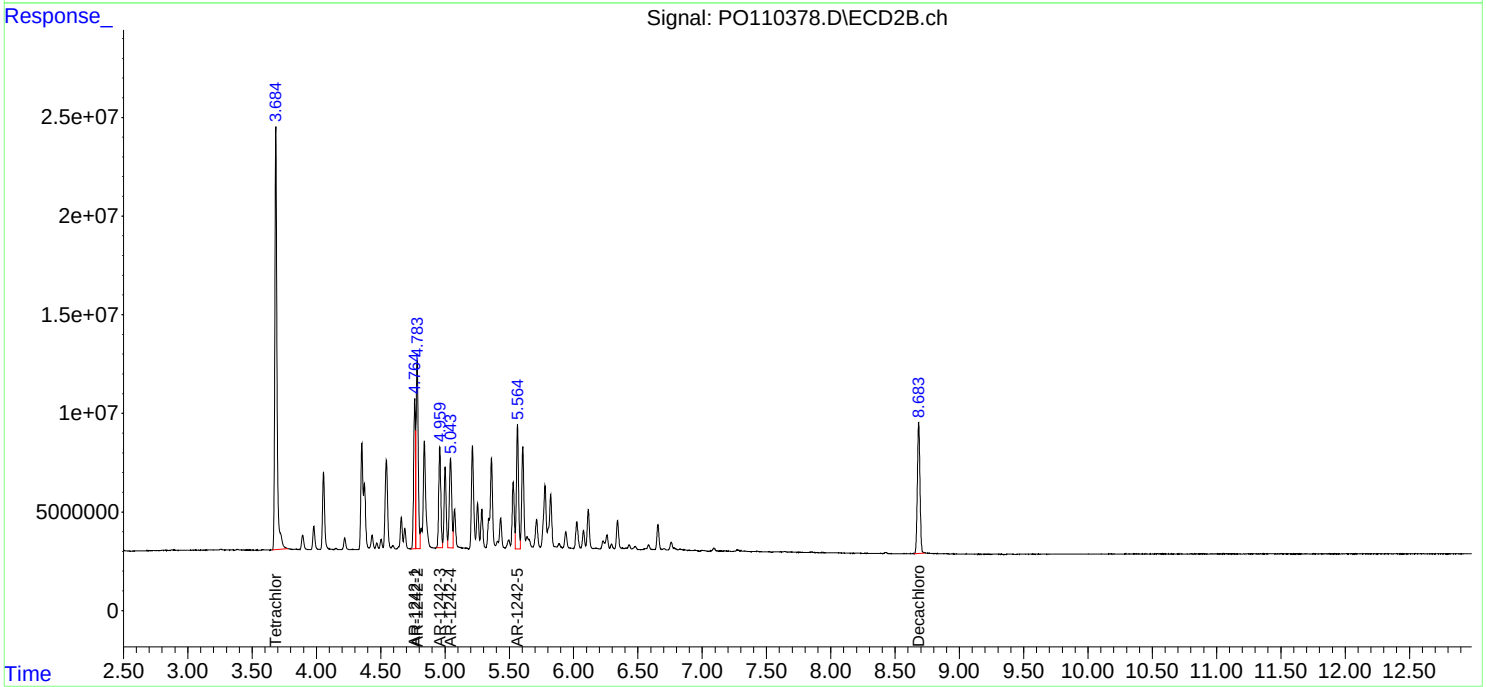
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110378.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 18:46
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

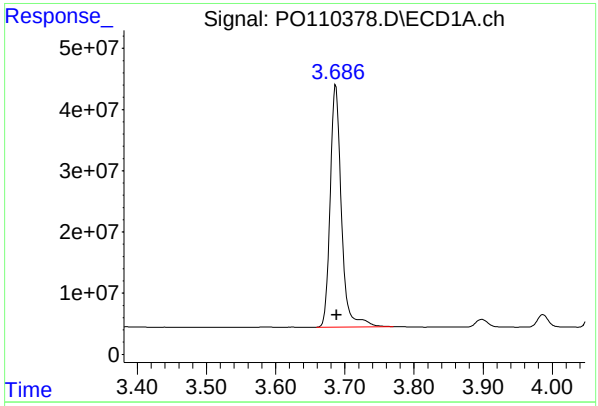
Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 19:22:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 18:44:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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



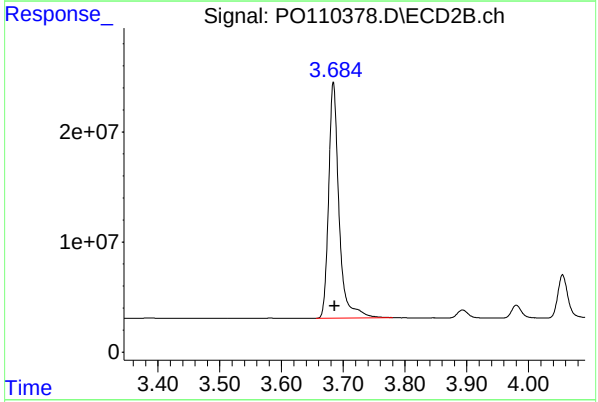




#1 Tetrachloro-m-xylene

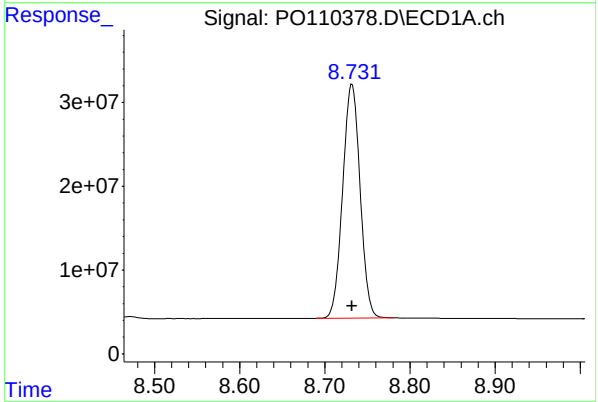
R.T.: 3.687 min
Delta R.T.: -0.001 min
Response: 443754118
Conc: 50.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1242



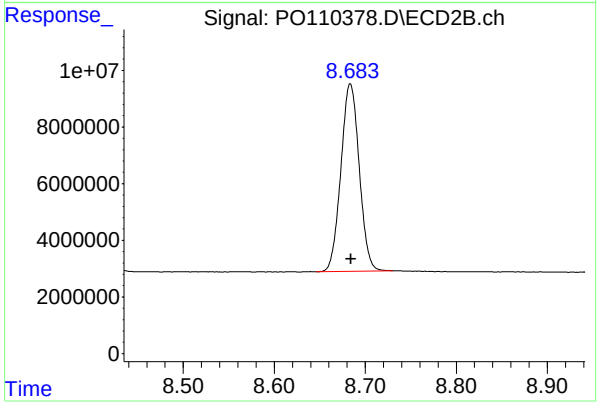
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: -0.002 min
Response: 250576991
Conc: 50.22 ng/ml



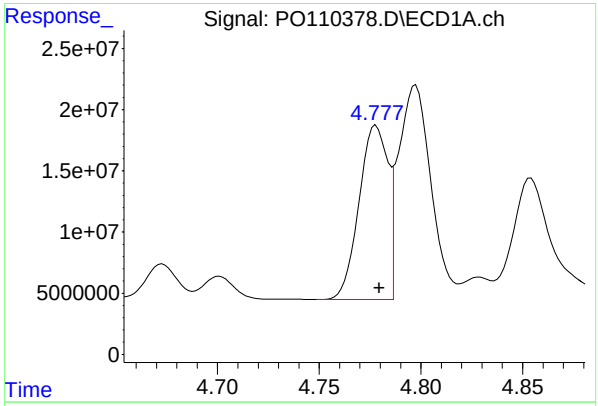
#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 397220716
Conc: 50.31 ng/ml



#2 Decachlorobiphenyl

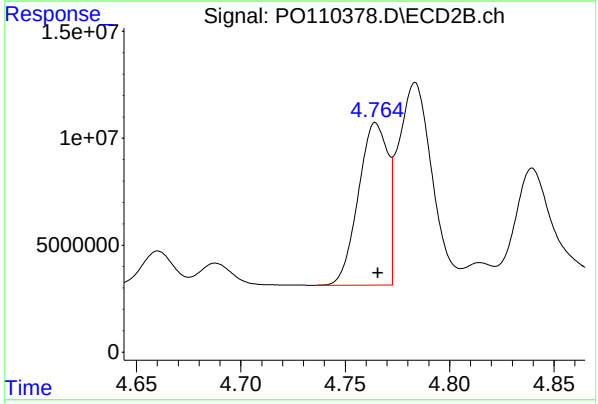
R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 92891086
Conc: 48.26 ng/ml



#16 AR-1242-1

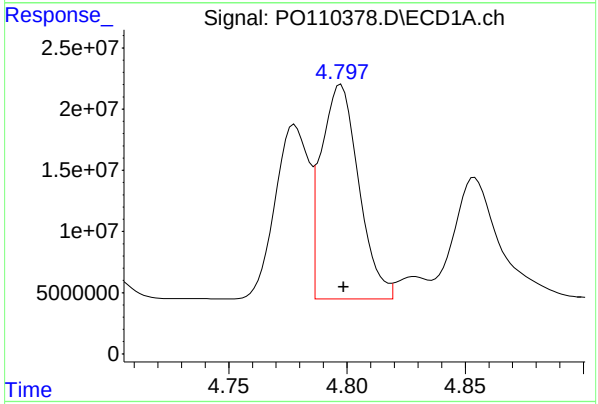
R.T.: 4.778 min
Delta R.T.: -0.002 min
Response: 140409130
Conc: 505.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1242



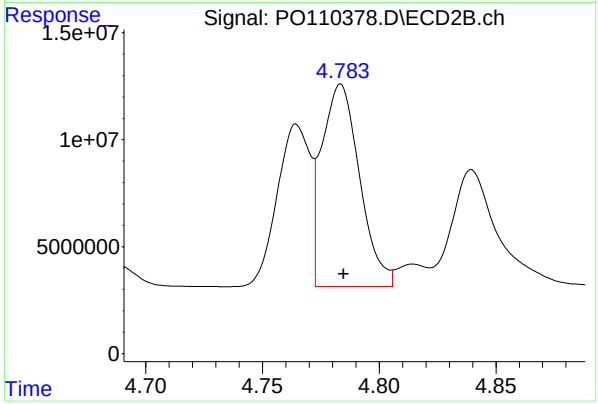
#16 AR-1242-1

R.T.: 4.765 min
Delta R.T.: -0.001 min
Response: 74475295
Conc: 498.15 ng/ml



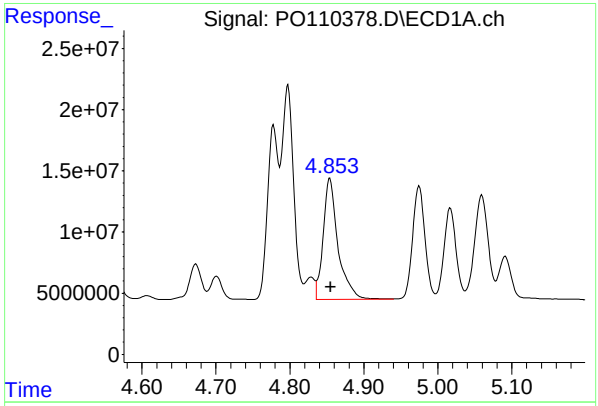
#17 AR-1242-2

R.T.: 4.797 min
Delta R.T.: -0.001 min
Response: 194352025
Conc: 503.80 ng/ml



#17 AR-1242-2

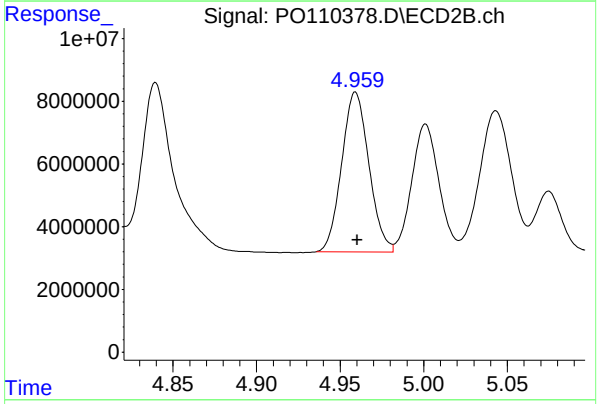
R.T.: 4.784 min
Delta R.T.: -0.001 min
Response: 106818938
Conc: 500.64 ng/ml



#18 AR-1242-3

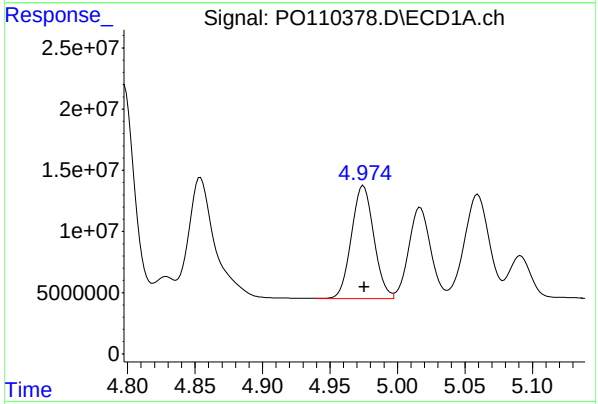
R.T.: 4.854 min
Delta R.T.: -0.001 min
Response: 138262793
Conc: 496.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1242



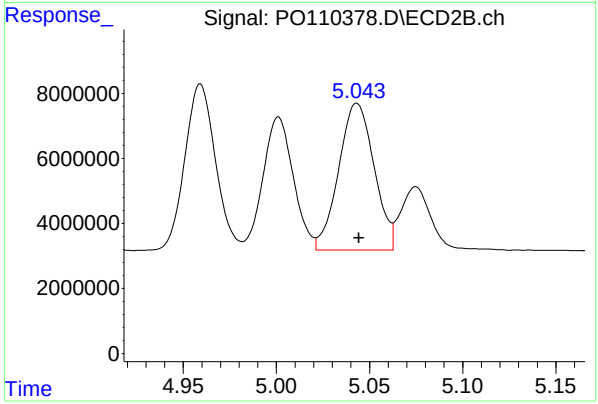
#18 AR-1242-3

R.T.: 4.959 min
Delta R.T.: -0.001 min
Response: 57809929
Conc: 500.16 ng/ml



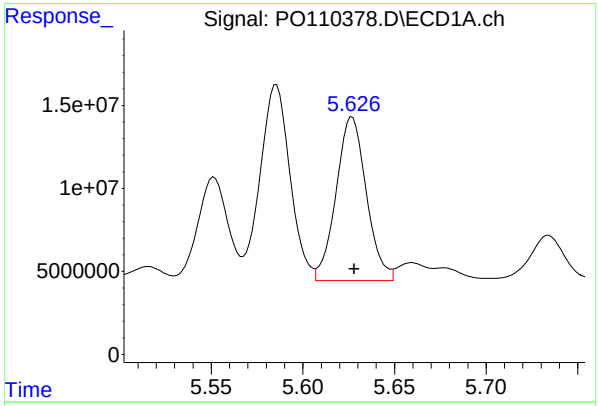
#19 AR-1242-4

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 107301967
Conc: 507.66 ng/ml



#19 AR-1242-4

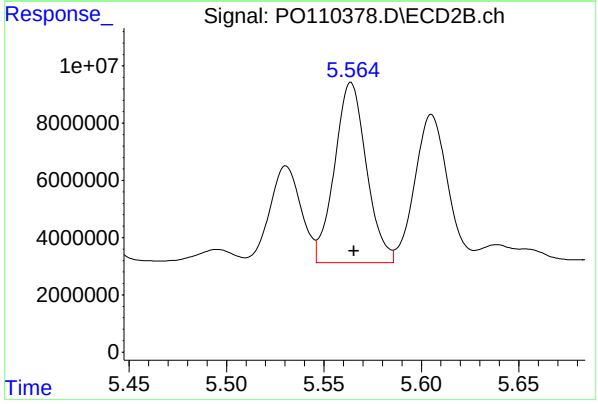
R.T.: 5.043 min
Delta R.T.: -0.001 min
Response: 59712665
Conc: 497.19 ng/ml



#20 AR-1242-5

R.T.: 5.627 min
Delta R.T.: -0.001 min
Response: 113697523
Conc: 502.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1242



#20 AR-1242-5

R.T.: 5.564 min
Delta R.T.: -0.001 min
Response: 71571546
Conc: 493.27 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110379.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 19:22
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 11 01:39:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 01:37:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.688	3.685	439.1E6	246.8E6	51.110	51.053
2)	SA Decachlor...	8.732	8.685	400.1E6	92657947	50.360	49.279
	Target Compounds						
21)	L5 AR-1248-1	4.779	4.765	106.0E6	57397514	498.124	498.537
22)	L5 AR-1248-2	5.017	5.002	147.4E6	80796045	498.235	496.039
23)	L5 AR-1248-3	5.232	5.044	183.5E6	86306627	495.938	490.780
24)	L5 AR-1248-4	5.587	5.214	257.3E6	100.2E6	494.824	491.802
25)	L5 AR-1248-5	5.627	5.606	183.1E6	97158423	495.645	492.201

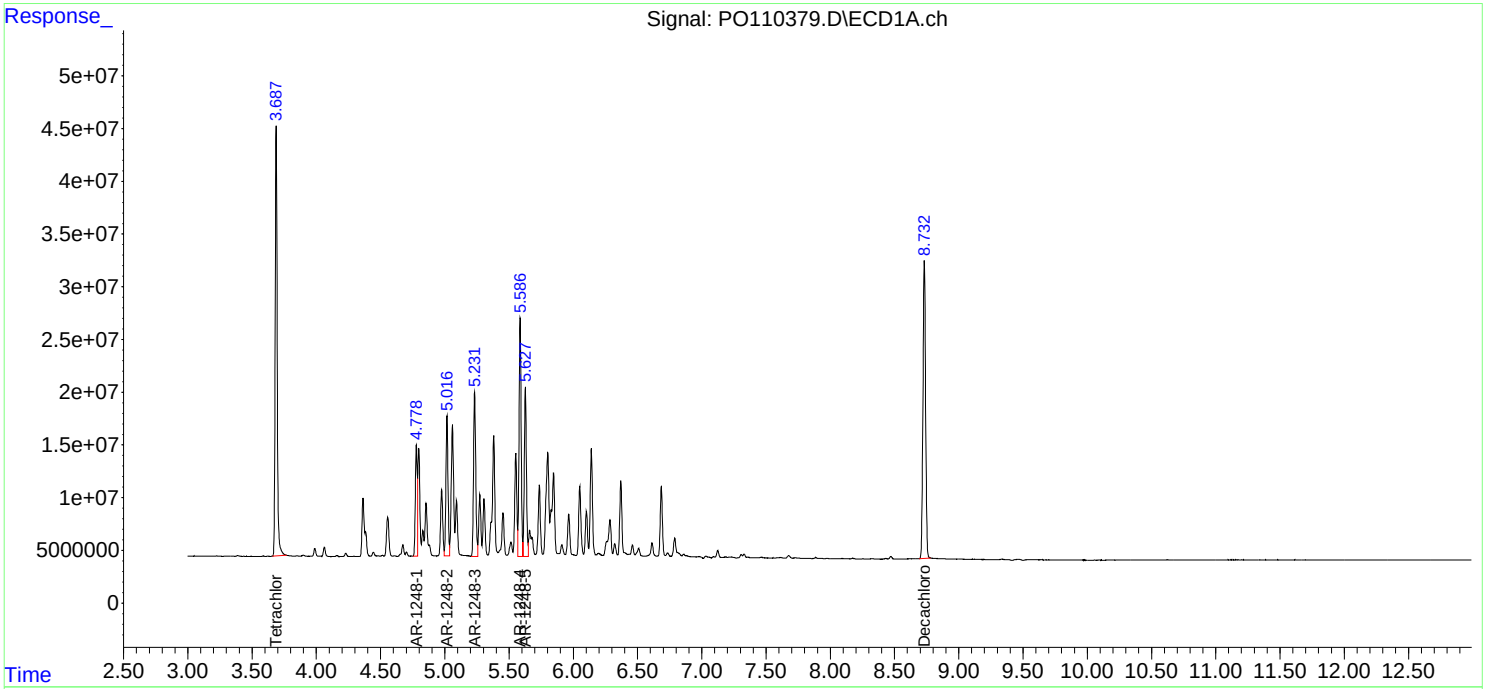
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

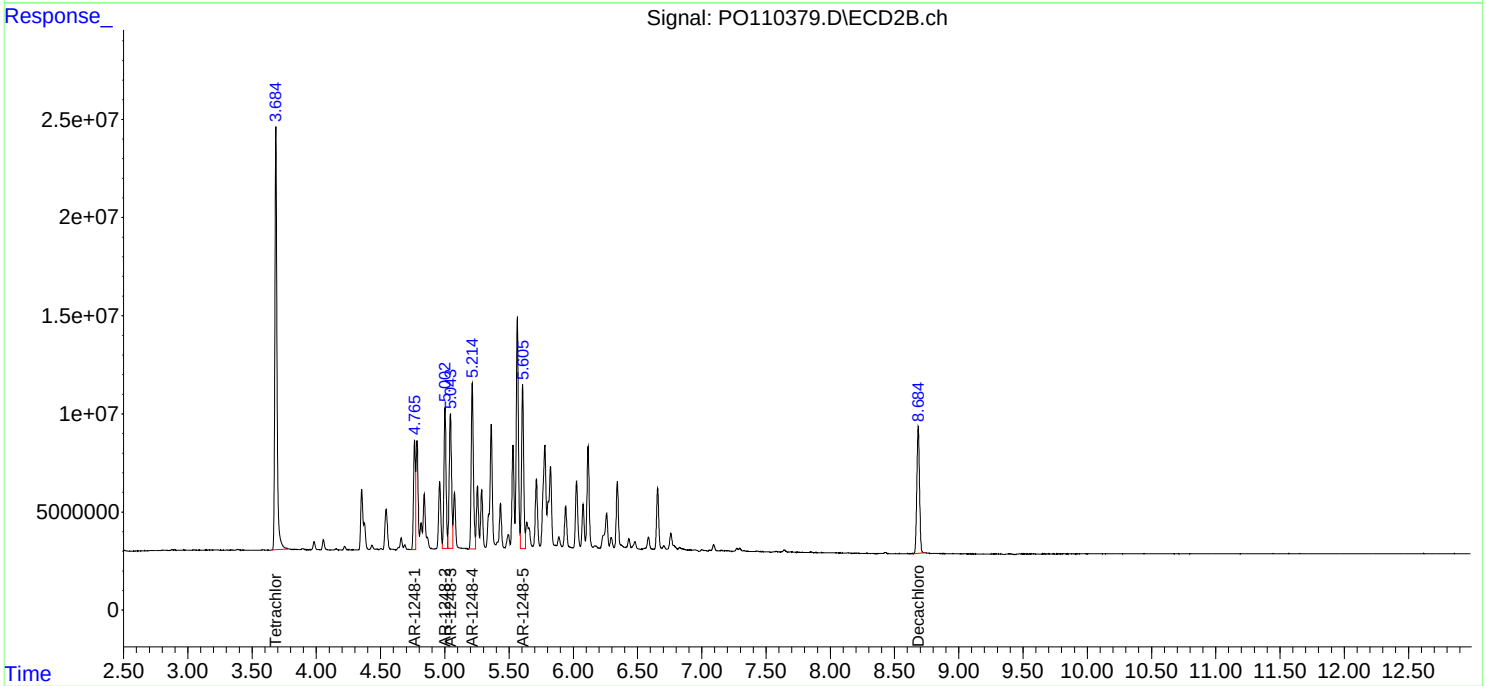
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110379.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 19:22
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

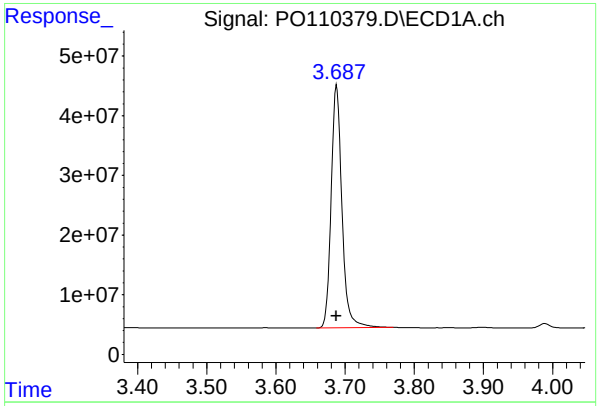
Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 11 01:39:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 01:37:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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



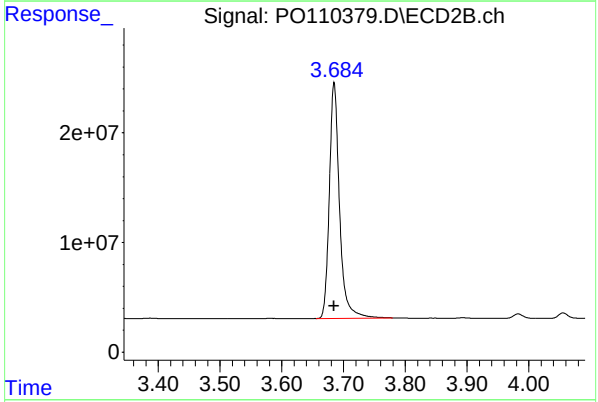




#1 Tetrachloro-m-xylene

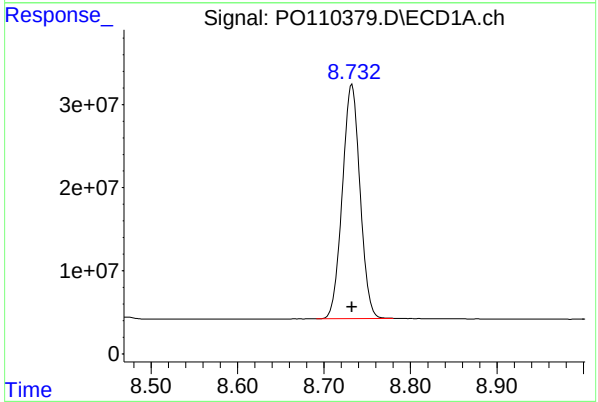
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 439149263
Conc: 51.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1248



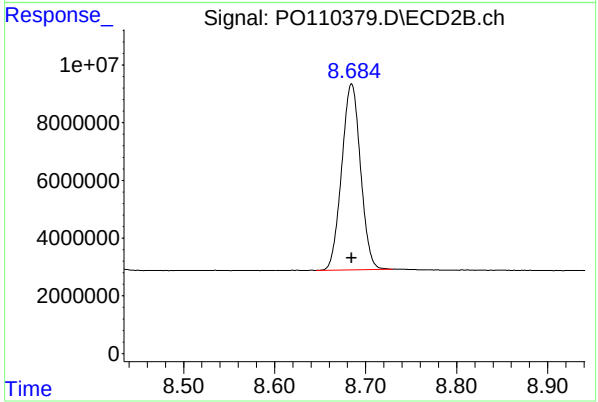
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 246849981
Conc: 51.05 ng/ml



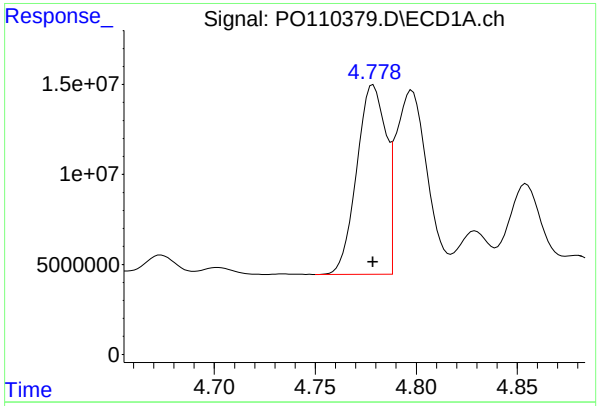
#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 400112620
Conc: 50.36 ng/ml



#2 Decachlorobiphenyl

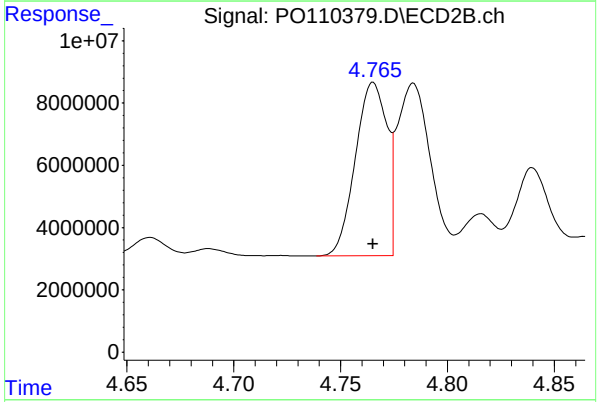
R.T.: 8.685 min
Delta R.T.: 0.000 min
Response: 92657947
Conc: 49.28 ng/ml



#21 AR-1248-1

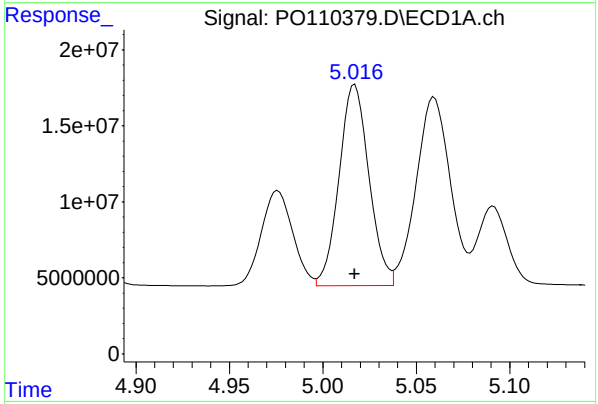
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 106018952
Conc: 498.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1248



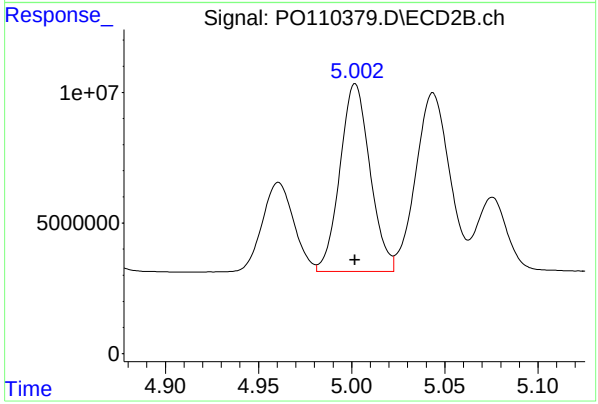
#21 AR-1248-1

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 57397514
Conc: 498.54 ng/ml



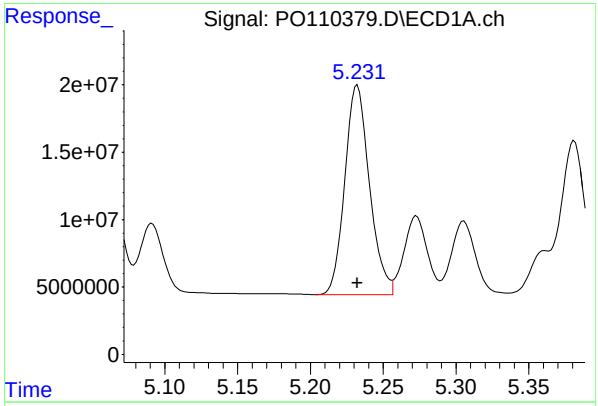
#22 AR-1248-2

R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 147440286
Conc: 498.24 ng/ml



#22 AR-1248-2

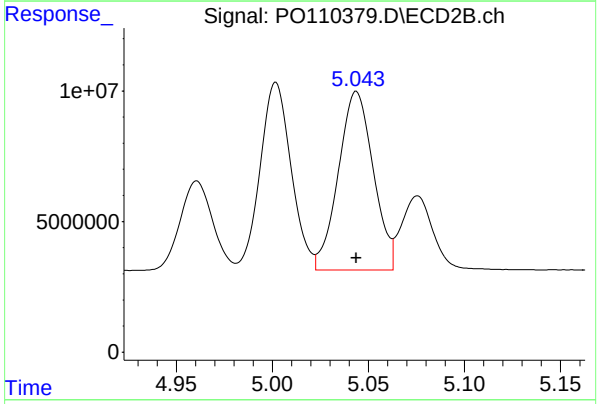
R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 80796045
Conc: 496.04 ng/ml



#23 AR-1248-3

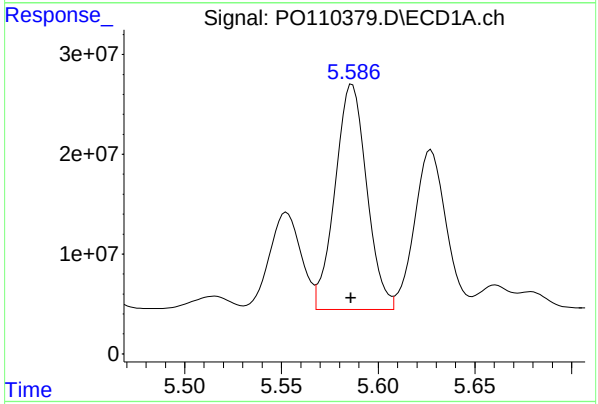
R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 183478000
Conc: 495.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1248



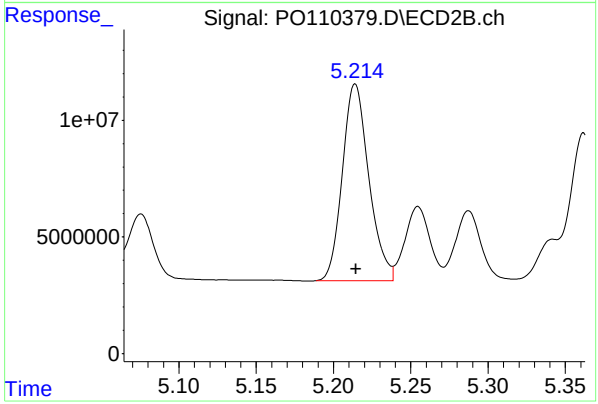
#23 AR-1248-3

R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 86306627
Conc: 490.78 ng/ml



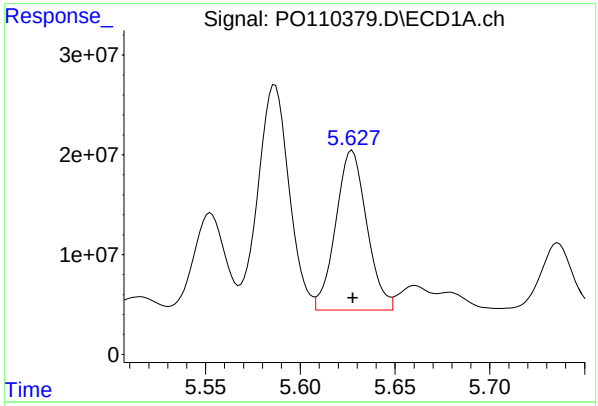
#24 AR-1248-4

R.T.: 5.587 min
Delta R.T.: 0.000 min
Response: 257323549
Conc: 494.82 ng/ml



#24 AR-1248-4

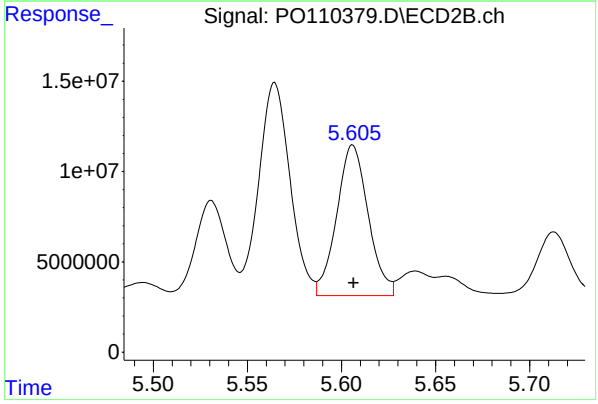
R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 100169669
Conc: 491.80 ng/ml



#25 AR-1248-5

R.T.: 5.627 min
Delta R.T.: 0.000 min
Response: 183103878
Conc: 495.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1248



#25 AR-1248-5

R.T.: 5.606 min
Delta R.T.: 0.000 min
Response: 97158423
Conc: 492.20 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110380.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 19:58
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 11 02:09:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:07:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.684	444.9E6	251.2E6	51.100	51.235
2)	SA Decachlor...	8.730	8.683	404.8E6	94520608	49.556	49.296
	Target Compounds						
26)	L6 AR-1254-1	5.585	5.565	274.4E6	147.3E6	491.771	488.501
27)	L6 AR-1254-2	5.734	5.713	239.5E6	129.3E6	493.094	488.639
28)	L6 AR-1254-3	6.139	6.115	390.3E6	201.0E6	498.314	498.355
29)	L6 AR-1254-4	6.369	6.343	241.8E6	114.4E6	495.833	498.111
30)	L6 AR-1254-5	6.788	6.760	346.0E6	164.5E6	493.657	494.897

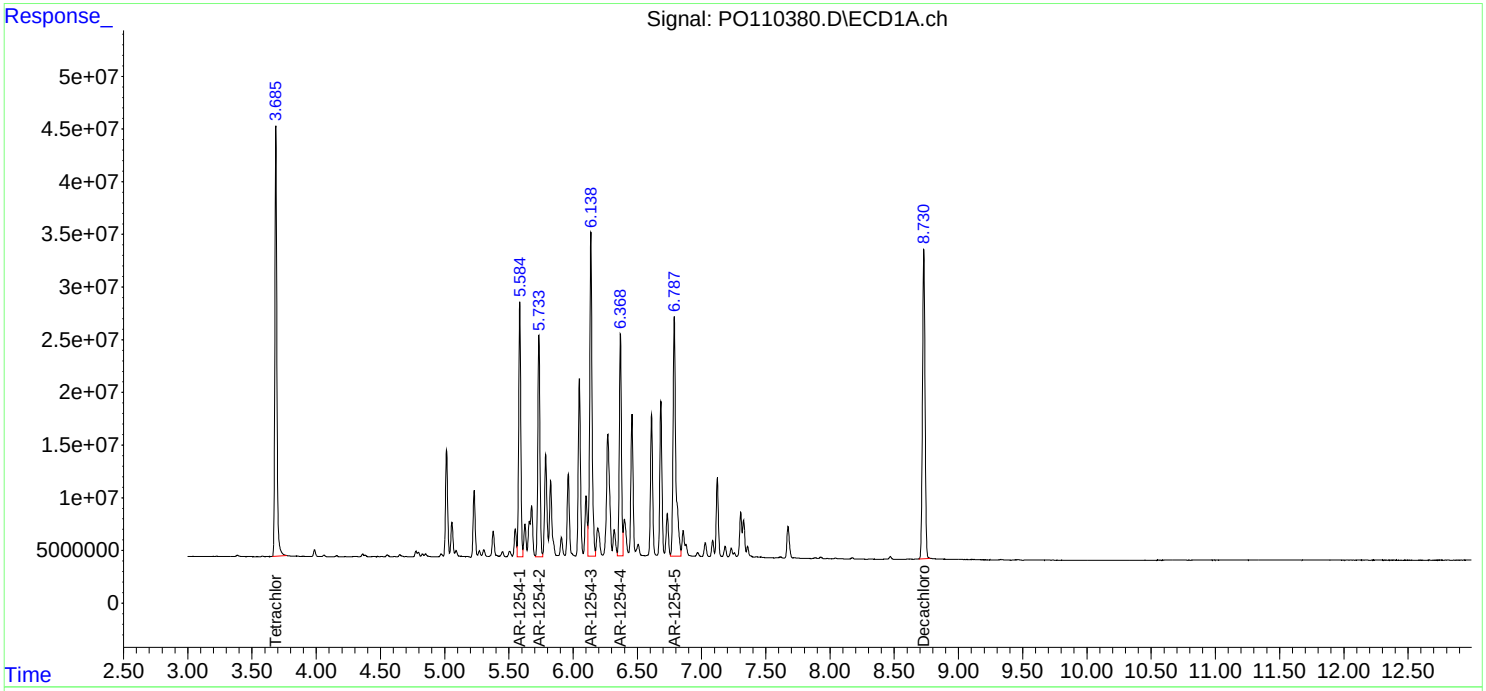
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

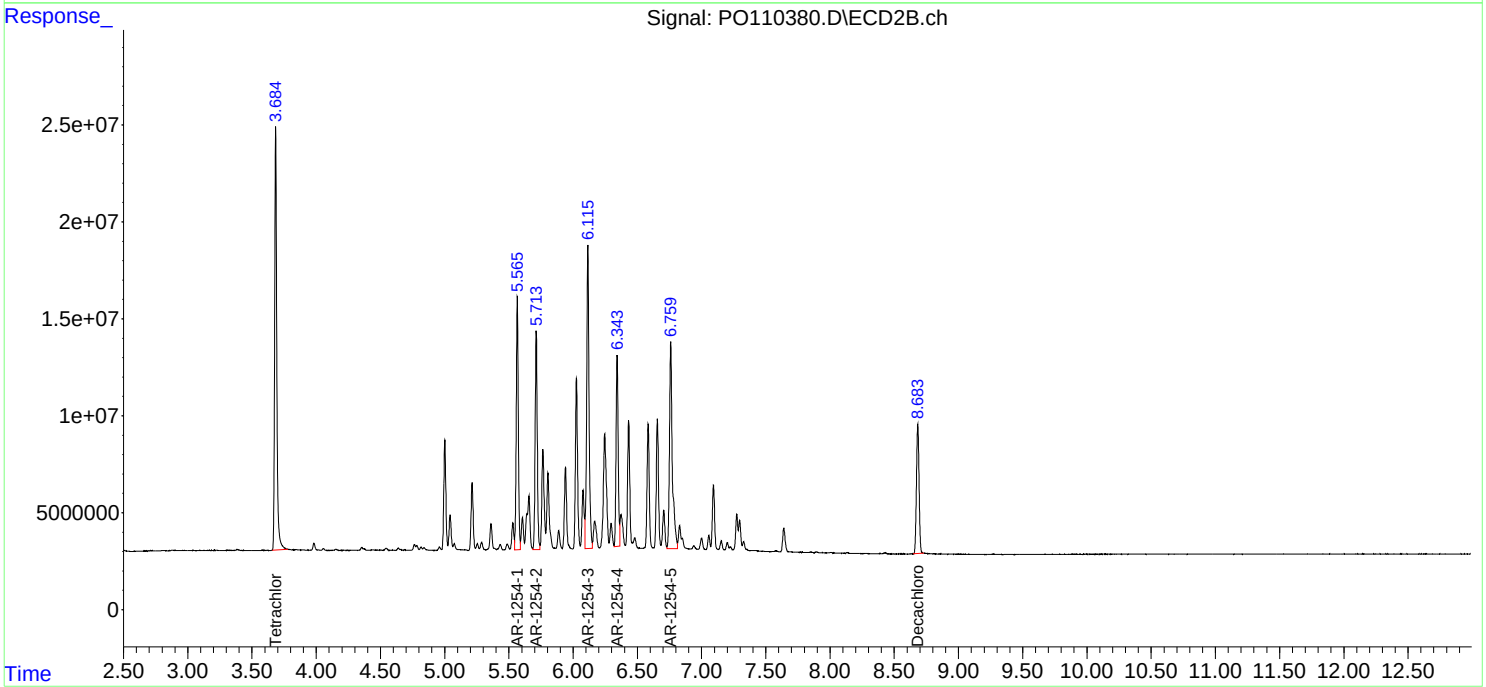
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110380.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 19:58
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

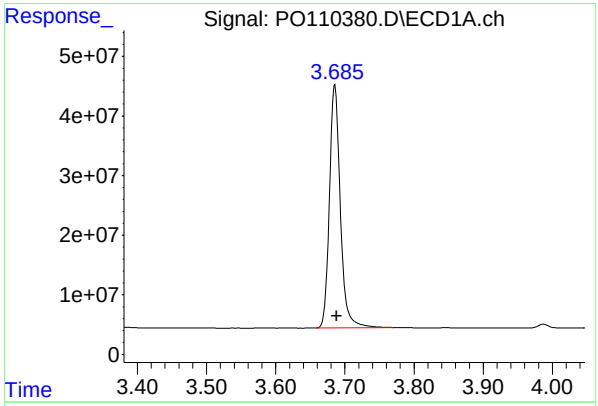
Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 11 02:09:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:07:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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



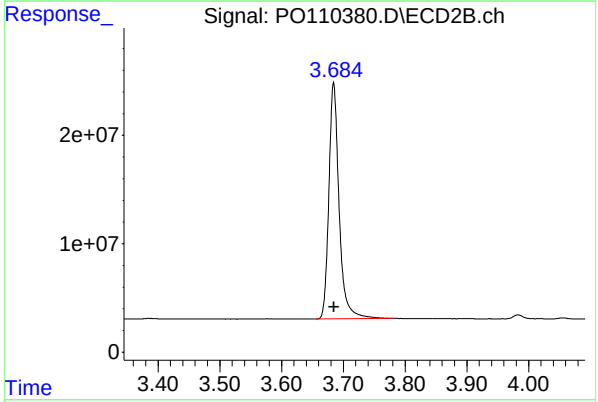




#1 Tetrachloro-m-xylene

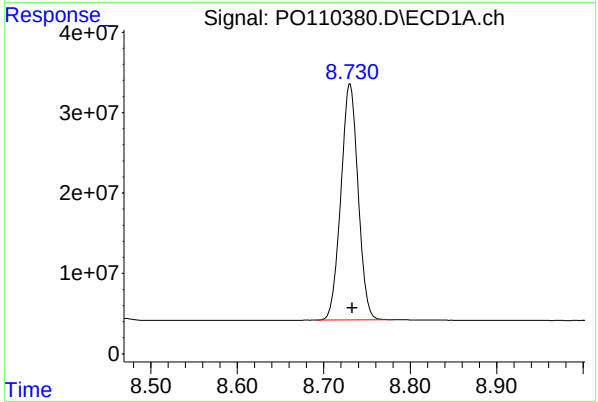
R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 444900239
Conc: 51.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1254



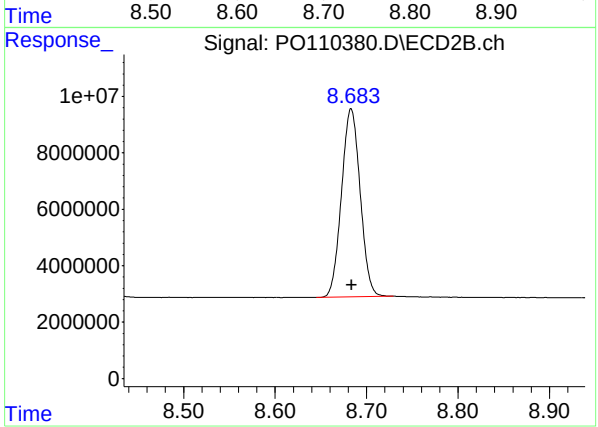
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 251232379
Conc: 51.24 ng/ml



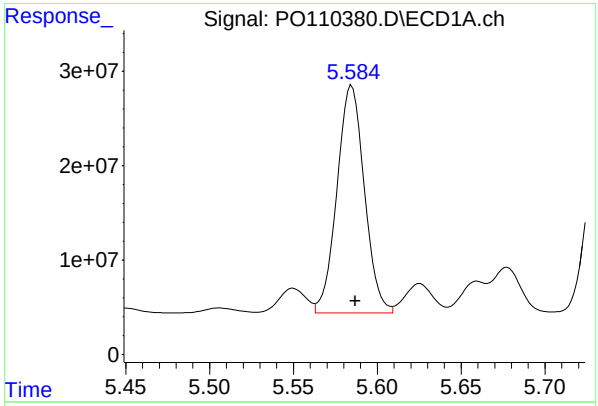
#2 Decachlorobiphenyl

R.T.: 8.730 min
Delta R.T.: -0.003 min
Response: 404777959
Conc: 49.56 ng/ml



#2 Decachlorobiphenyl

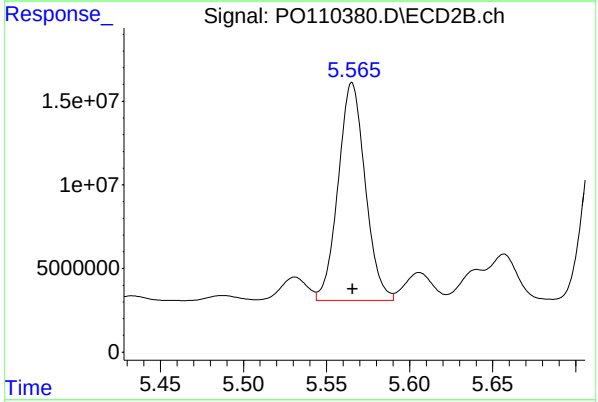
R.T.: 8.683 min
Delta R.T.: 0.000 min
Response: 94520608
Conc: 49.30 ng/ml



#26 AR-1254-1

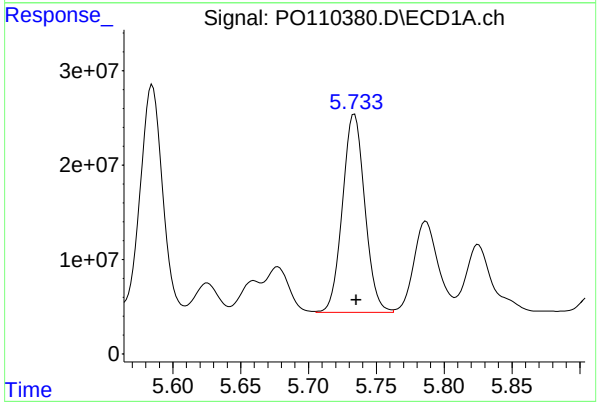
R.T.: 5.585 min
Delta R.T.: -0.002 min
Response: 274402754
Conc: 491.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1254



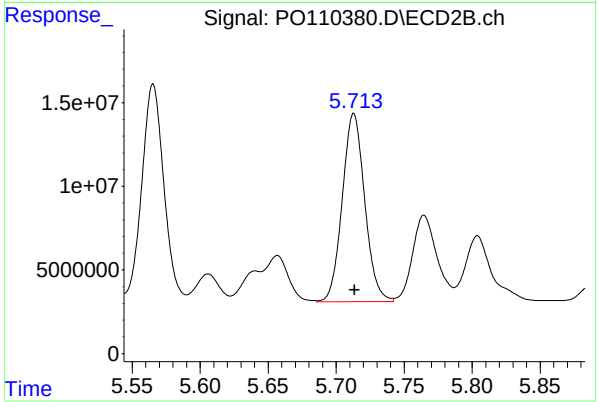
#26 AR-1254-1

R.T.: 5.565 min
Delta R.T.: 0.000 min
Response: 147282616
Conc: 488.50 ng/ml



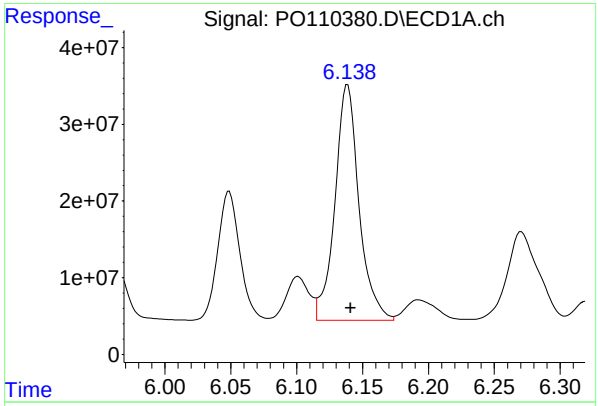
#27 AR-1254-2

R.T.: 5.734 min
Delta R.T.: -0.002 min
Response: 239497012
Conc: 493.09 ng/ml



#27 AR-1254-2

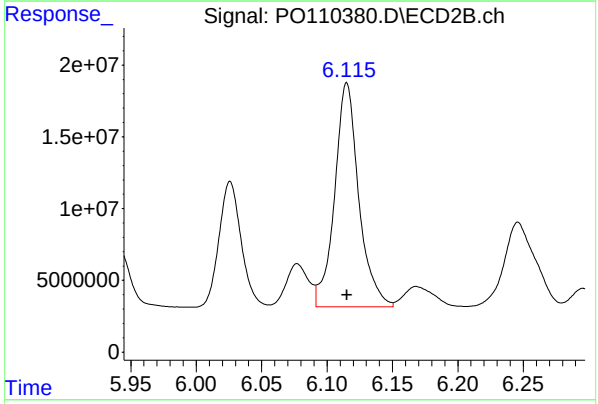
R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 129335526
Conc: 488.64 ng/ml



#28 AR-1254-3

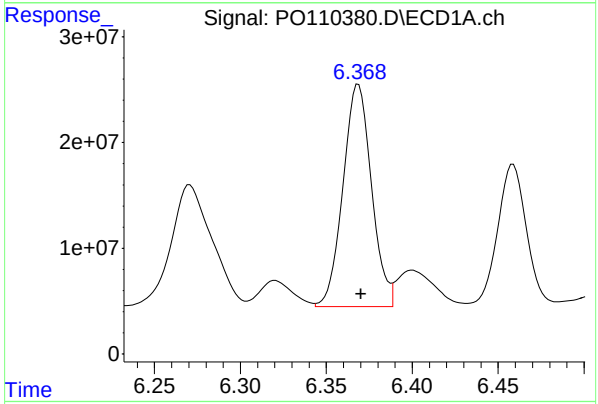
R.T.: 6.139 min
Delta R.T.: -0.002 min
Response: 390290001
Conc: 498.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1254



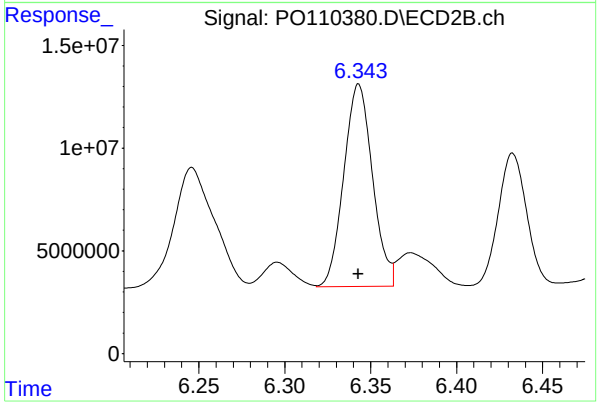
#28 AR-1254-3

R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 201044539
Conc: 498.36 ng/ml



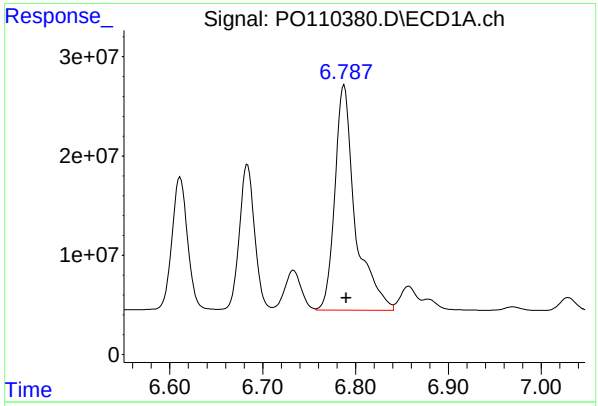
#29 AR-1254-4

R.T.: 6.369 min
Delta R.T.: -0.001 min
Response: 241770989
Conc: 495.83 ng/ml



#29 AR-1254-4

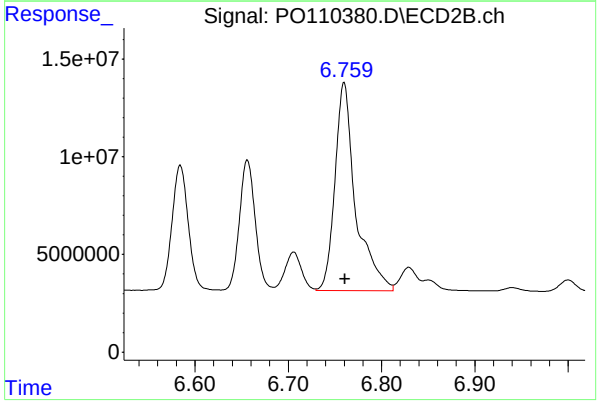
R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 114422519
Conc: 498.11 ng/ml



#30 AR-1254-5

R.T.: 6.788 min
Delta R.T.: -0.002 mi
Response: 346004179
Conc: 493.66 ng/m

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1254



#30 AR-1254-5

R.T.: 6.760 min
Delta R.T.: 0.000 min
Response: 164450224
Conc: 494.90 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110381.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 20:35
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 11 02:13:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.688	3.685	447.9E6	251.5E6	52.934	52.706
2)	SA Decachlor...	8.733	8.685	720.6E6	163.2E6	50.087	49.769
	Target Compounds						
41)	L9 AR-1268-1	7.615	7.581	703.2E6	273.9E6	499.070	501.677
42)	L9 AR-1268-2	7.680	7.646	652.7E6	249.2E6	504.213	500.302
43)	L9 AR-1268-3	7.887	7.852	529.5E6	185.9E6	503.681	501.520
44)	L9 AR-1268-4	8.176	8.137	229.7E6	72282546	519.956	512.014
45)	L9 AR-1268-5	8.472	8.430	1642.7E6	393.7E6	499.897	496.919

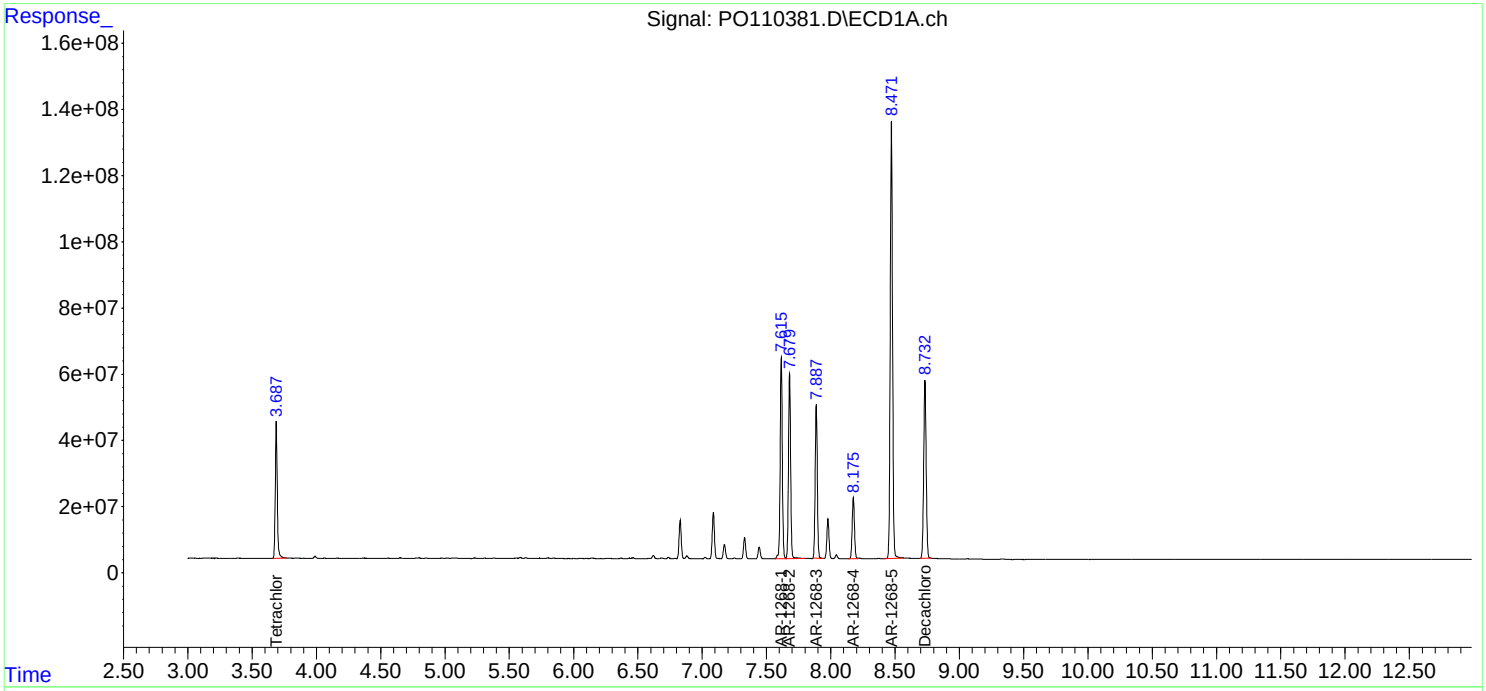
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

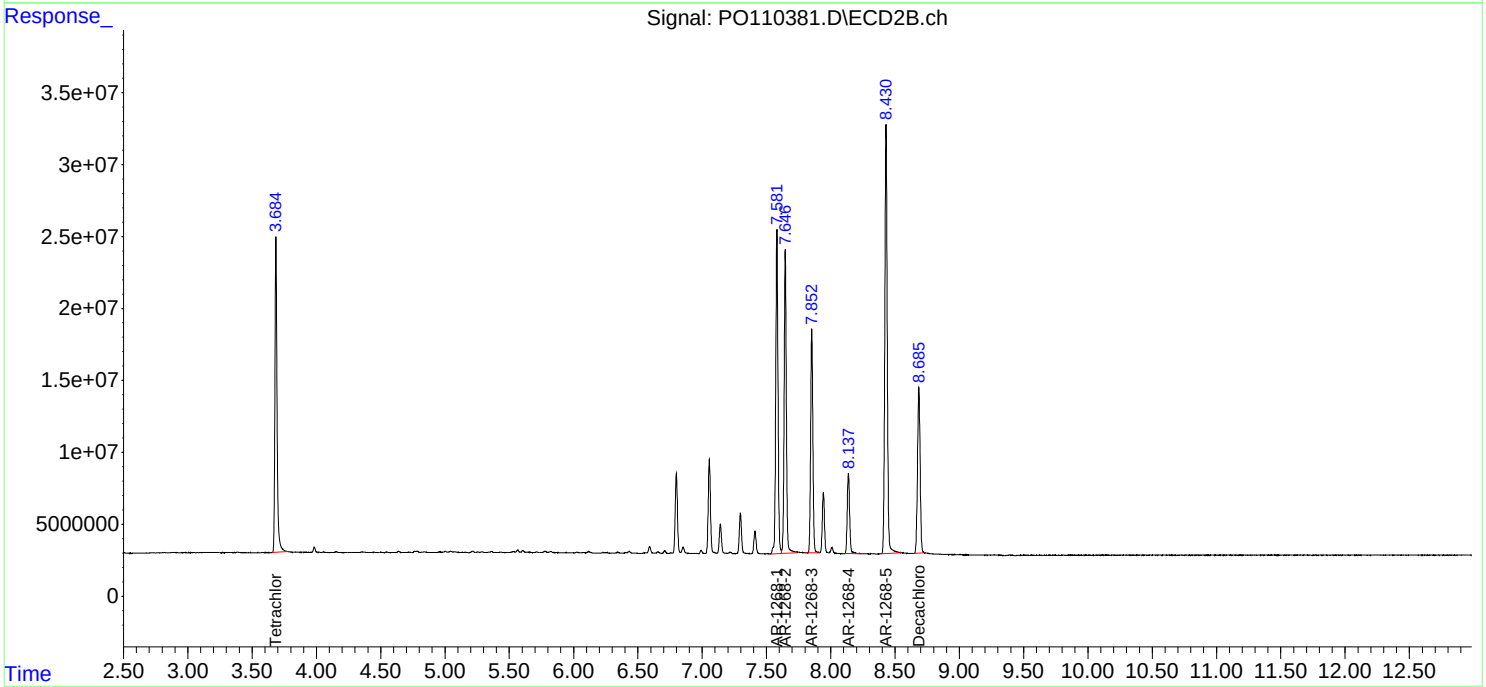
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110381.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 20:35
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

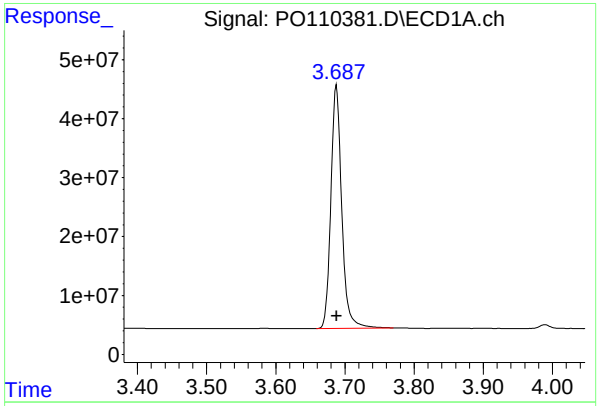
Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 11 02:13:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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



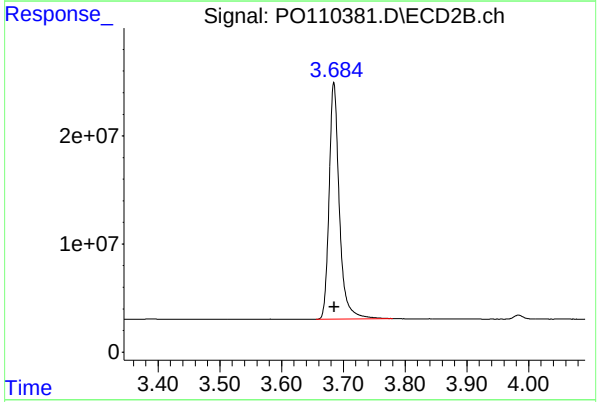




#1 Tetrachloro-m-xylene

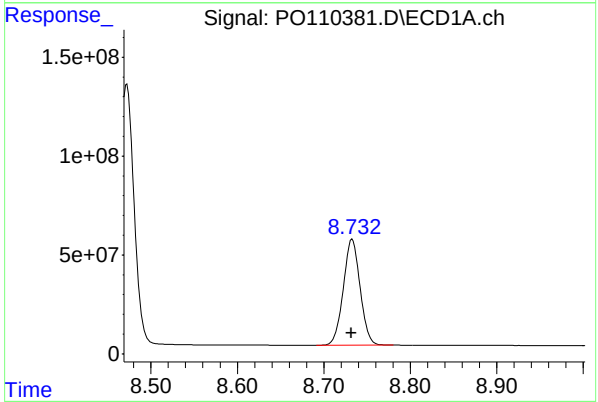
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 447894257
Conc: 52.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1268



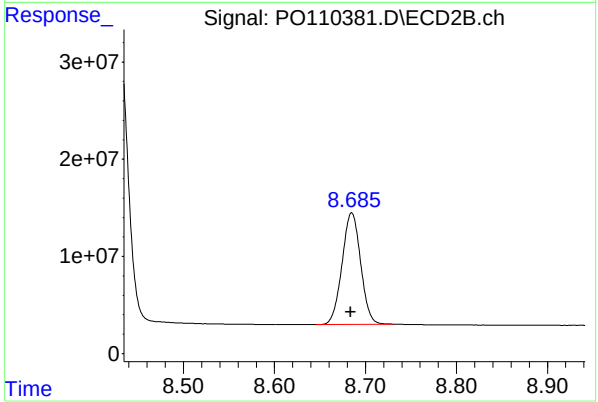
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 251543531
Conc: 52.71 ng/ml



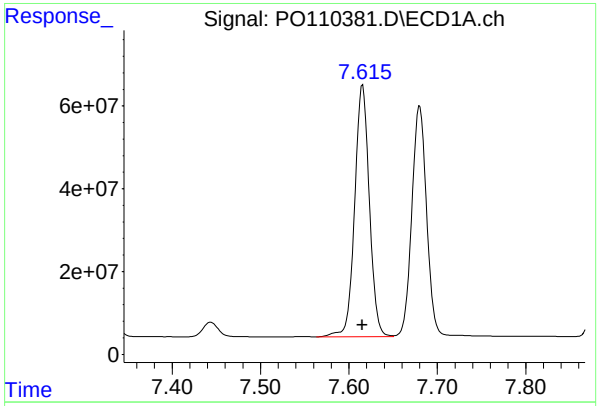
#2 Decachlorobiphenyl

R.T.: 8.733 min
Delta R.T.: 0.001 min
Response: 720557931
Conc: 50.09 ng/ml



#2 Decachlorobiphenyl

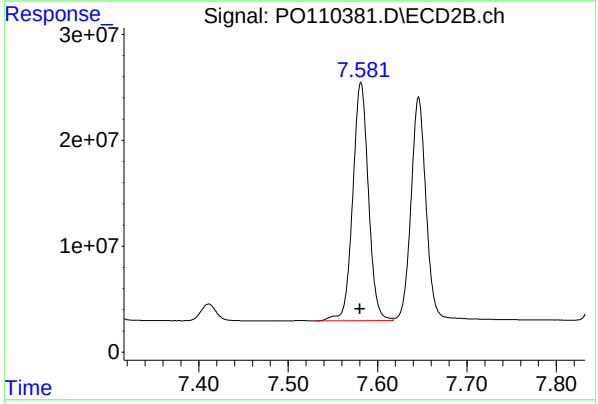
R.T.: 8.685 min
Delta R.T.: 0.001 min
Response: 163169409
Conc: 49.77 ng/ml



#41 AR-1268-1

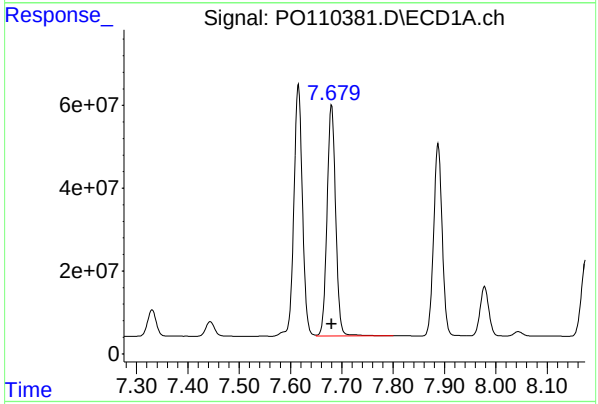
R.T.: 7.615 min
Delta R.T.: 0.000 min
Response: 703246486
Conc: 499.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1268



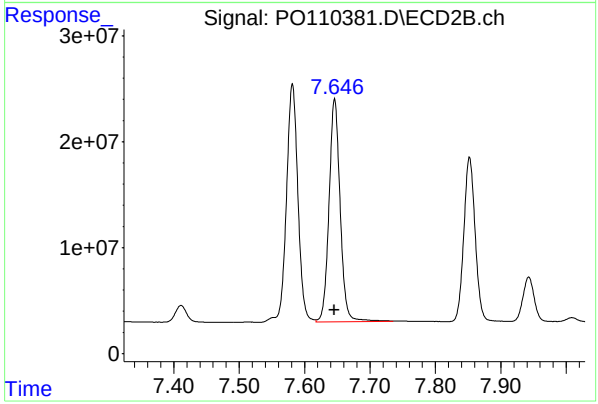
#41 AR-1268-1

R.T.: 7.581 min
Delta R.T.: 0.001 min
Response: 273859995
Conc: 501.68 ng/ml



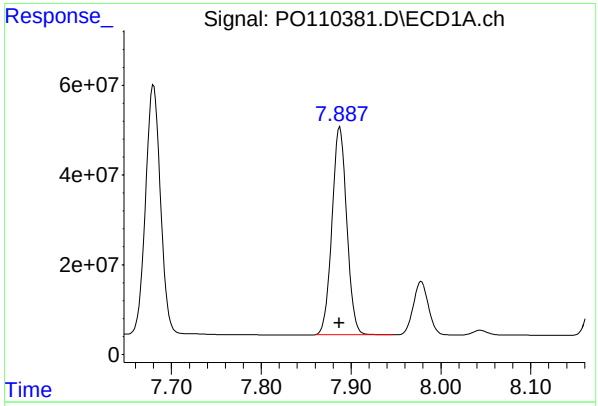
#42 AR-1268-2

R.T.: 7.680 min
Delta R.T.: 0.000 min
Response: 652667543
Conc: 504.21 ng/ml



#42 AR-1268-2

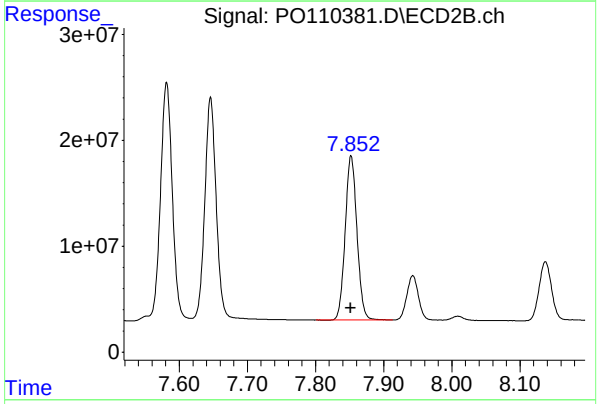
R.T.: 7.646 min
Delta R.T.: 0.000 min
Response: 249160771
Conc: 500.30 ng/ml



#43 AR-1268-3

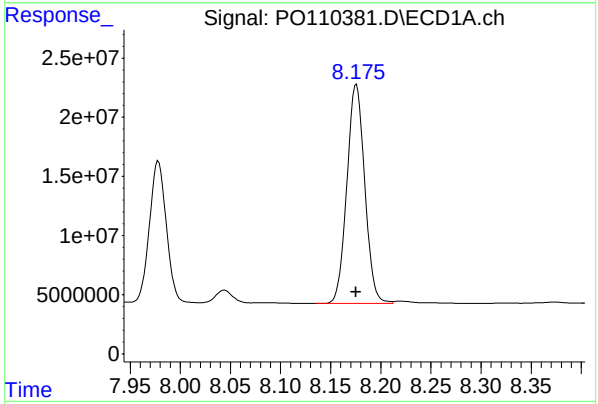
R.T.: 7.887 min
Delta R.T.: 0.000 min
Response: 529533142
Conc: 503.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1268



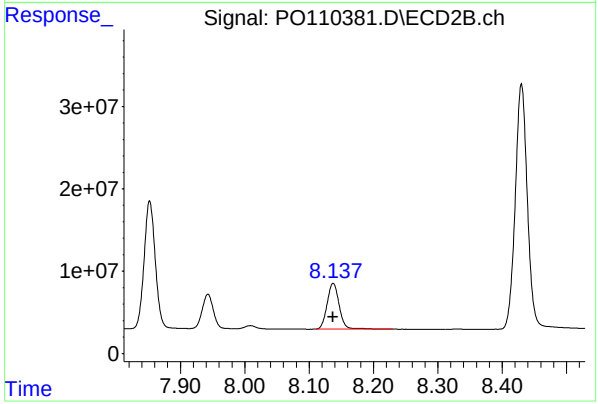
#43 AR-1268-3

R.T.: 7.852 min
Delta R.T.: 0.000 min
Response: 185920985
Conc: 501.52 ng/ml



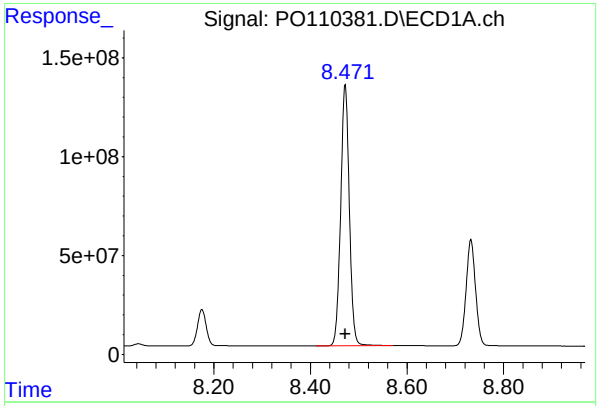
#44 AR-1268-4

R.T.: 8.176 min
Delta R.T.: 0.000 min
Response: 229738508
Conc: 519.96 ng/ml



#44 AR-1268-4

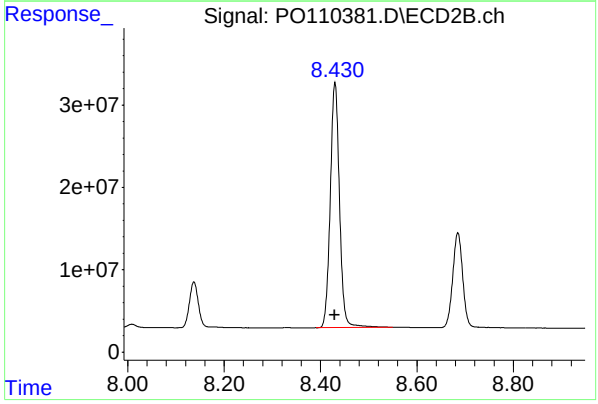
R.T.: 8.137 min
Delta R.T.: 0.000 min
Response: 72282546
Conc: 512.01 ng/ml



#45 AR-1268-5

R.T.: 8.472 min
Delta R.T.: 0.000 min
Response: 1642717623
Conc: 499.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1268



#45 AR-1268-5

R.T.: 8.430 min
Delta R.T.: 0.000 min
Response: 393682568
Conc: 496.92 ng/ml

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

RETENTION TIMES OF INITIAL CALIBRATION

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1883 **SAS No.:** Q1883 **SDG NO.:** Q1883

Instrument ID: ECD_P **Calibration Date(s):** 04/22/2025 04/22/2025

Calibration Times: 10:29 17:49

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

LAB FILE ID: RT 1000 = PP071389.D RT 750 = PP071390.D

RT 500 = PP071391.D RT 250 = PP071392.D RT 050 = PP071393.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.66	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1016-2	(2)	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Aroclor-1016-3	(3)	5.75	5.75	5.75	5.75	5.75	5.75	5.65	5.85
Aroclor-1016-4	(4)	5.85	5.85	5.85	5.85	5.85	5.85	5.75	5.95
Aroclor-1016-5	(5)	6.14	6.14	6.15	6.14	6.14	6.14	6.04	6.24
Aroclor-1260-1	(1)	7.26	7.26	7.27	7.26	7.26	7.26	7.16	7.36
Aroclor-1260-2	(2)	7.51	7.51	7.52	7.52	7.52	7.52	7.42	7.62
Aroclor-1260-3	(3)	7.87	7.87	7.88	7.87	7.88	7.87	7.77	7.97
Aroclor-1260-4	(4)	8.10	8.10	8.10	8.10	8.10	8.10	8.00	8.20
Aroclor-1260-5	(5)	8.42	8.42	8.42	8.42	8.42	8.42	8.32	8.52
Decachlorobiphenyl		10.23	10.23	10.24	10.23	10.24	10.23	10.13	10.33
Tetrachloro-m-xylene		4.51	4.51	4.52	4.51	4.52	4.51	4.41	4.61
Aroclor-1242-1	(1)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1242-2	(2)	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Aroclor-1242-3	(3)	5.75	5.75	5.75	5.75	5.75	5.75	5.65	5.85
Aroclor-1242-4	(4)	5.85	5.85	5.85	5.85	5.85	5.85	5.75	5.95
Aroclor-1242-5	(5)	6.58	6.58	6.58	6.58	6.58	6.58	6.48	6.68
Decachlorobiphenyl		10.23	10.24	10.24	10.23	10.24	10.24	10.14	10.34
Tetrachloro-m-xylene		4.51	4.52	4.51	4.51	4.52	4.51	4.41	4.61
Aroclor-1248-1	(1)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1248-2	(2)	5.94	5.94	5.94	5.94	5.94	5.94	5.84	6.04
Aroclor-1248-3	(3)	6.14	6.14	6.14	6.14	6.14	6.14	6.04	6.24
Aroclor-1248-4	(4)	6.54	6.54	6.54	6.54	6.54	6.54	6.44	6.64
Aroclor-1248-5	(5)	6.58	6.58	6.58	6.58	6.58	6.58	6.48	6.68
Decachlorobiphenyl		10.24	10.24	10.24	10.24	10.24	10.24	10.14	10.34
Tetrachloro-m-xylene		4.52	4.52	4.51	4.51	4.51	4.51	4.41	4.61
Aroclor-1254-1	(1)	6.52	6.52	6.52	6.52	6.52	6.52	6.42	6.62
Aroclor-1254-2	(2)	6.74	6.74	6.74	6.73	6.74	6.74	6.64	6.84
Aroclor-1254-3	(3)	7.10	7.10	7.10	7.10	7.10	7.10	7.00	7.20
Aroclor-1254-4	(4)	7.38	7.38	7.38	7.38	7.38	7.38	7.28	7.48
Aroclor-1254-5	(5)	7.80	7.80	7.80	7.80	7.80	7.80	7.70	7.90
Decachlorobiphenyl		10.24	10.24	10.24	10.23	10.24	10.24	10.14	10.34
Tetrachloro-m-xylene		4.52	4.52	4.52	4.51	4.51	4.51	4.41	4.61
Aroclor-1268-1	(1)	8.73	8.73	8.73	8.74	8.73	8.73	8.63	8.83
Aroclor-1268-2	(2)	8.83	8.83	8.83	8.83	8.83	8.83	8.73	8.93
Aroclor-1268-3	(3)	9.06	9.06	9.06	9.06	9.06	9.06	8.96	9.16
Aroclor-1268-4	(4)	9.48	9.48	9.48	9.48	9.48	9.48	9.38	9.58
Aroclor-1268-5	(5)	9.89	9.89	9.89	9.90	9.89	9.90	9.80	10.00

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.24	10.23	10.24	10.24	10.24	10.24	10.14	10.34
Tetrachloro-m-xylene	4.51	4.52	4.52	4.52	4.51	4.52	4.42	4.62

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1883 **SAS No.:** Q1883 **SDG NO.:** Q1883

Instrument ID: ECD_P **Calibration Date(s):** 04/22/2025 04/22/2025

Calibration Times: 10:29 17:49

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

LAB FILE ID: RT 1000 = PP071389.D RT 750 = PP071390.D

RT 500 = PP071391.D RT 250 = PP071392.D RT 050 = PP071393.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.90	4.90	4.90	4.90	4.90	4.90	4.80	5.00
Aroclor-1016-2	(2)	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Aroclor-1016-3	(3)	5.09	5.09	5.09	5.09	5.09	5.09	4.99	5.19
Aroclor-1016-4	(4)	5.13	5.13	5.14	5.14	5.14	5.14	5.04	5.24
Aroclor-1016-5	(5)	5.35	5.35	5.35	5.35	5.35	5.35	5.25	5.45
Aroclor-1260-1	(1)	6.38	6.38	6.39	6.39	6.38	6.38	6.28	6.48
Aroclor-1260-2	(2)	6.57	6.57	6.57	6.57	6.57	6.57	6.47	6.67
Aroclor-1260-3	(3)	6.73	6.73	6.73	6.73	6.73	6.73	6.63	6.83
Aroclor-1260-4	(4)	7.20	7.20	7.20	7.20	7.20	7.20	7.10	7.30
Aroclor-1260-5	(5)	7.44	7.44	7.44	7.44	7.44	7.44	7.34	7.54
Decachlorobiphenyl		8.85	8.85	8.85	8.85	8.85	8.85	8.75	8.95
Tetrachloro-m-xylene		3.81	3.81	3.81	3.81	3.81	3.81	3.71	3.91
Aroclor-1242-1	(1)	4.90	4.90	4.90	4.90	4.90	4.90	4.80	5.00
Aroclor-1242-2	(2)	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Aroclor-1242-3	(3)	5.09	5.09	5.09	5.09	5.09	5.09	4.99	5.19
Aroclor-1242-4	(4)	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
Aroclor-1242-5	(5)	5.70	5.70	5.70	5.70	5.70	5.70	5.60	5.80
Decachlorobiphenyl		8.85	8.85	8.85	8.85	8.85	8.85	8.75	8.95
Tetrachloro-m-xylene		3.81	3.81	3.81	3.81	3.81	3.81	3.71	3.91
Aroclor-1248-1	(1)	4.90	4.90	4.90	4.90	4.90	4.90	4.80	5.00
Aroclor-1248-2	(2)	5.14	5.14	5.14	5.14	5.14	5.14	5.04	5.24
Aroclor-1248-3	(3)	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
Aroclor-1248-4	(4)	5.35	5.35	5.35	5.35	5.35	5.35	5.25	5.45
Aroclor-1248-5	(5)	5.74	5.74	5.74	5.74	5.74	5.74	5.64	5.84
Decachlorobiphenyl		8.85	8.85	8.85	8.85	8.85	8.85	8.75	8.95
Tetrachloro-m-xylene		3.81	3.81	3.81	3.81	3.81	3.81	3.71	3.91
Aroclor-1254-1	(1)	5.70	5.70	5.70	5.70	5.70	5.70	5.60	5.80
Aroclor-1254-2	(2)	5.85	5.85	5.85	5.85	5.85	5.85	5.75	5.95
Aroclor-1254-3	(3)	6.25	6.26	6.25	6.26	6.26	6.26	6.16	6.36
Aroclor-1254-4	(4)	6.48	6.48	6.48	6.48	6.48	6.48	6.38	6.58
Aroclor-1254-5	(5)	6.90	6.90	6.90	6.90	6.90	6.90	6.80	7.00
Decachlorobiphenyl		8.85	8.85	8.85	8.85	8.85	8.85	8.75	8.95
Tetrachloro-m-xylene		3.81	3.81	3.81	3.81	3.81	3.81	3.71	3.91
Aroclor-1268-1	(1)	7.72	7.72	7.72	7.72	7.72	7.72	7.62	7.82
Aroclor-1268-2	(2)	7.79	7.79	7.79	7.79	7.79	7.79	7.69	7.89
Aroclor-1268-3	(3)	7.99	7.99	7.99	7.99	7.99	7.99	7.89	8.09
Aroclor-1268-4	(4)	8.29	8.29	8.29	8.29	8.29	8.29	8.19	8.39
Aroclor-1268-5	(5)	8.59	8.59	8.59	8.59	8.59	8.59	8.49	8.69

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.85	8.85	8.85	8.85	8.85	8.85	8.75	8.95
Tetrachloro-m-xylene	3.81	3.81	3.81	3.81	3.81	3.81	3.71	3.91

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1883 **SAS No.:** Q1883 **SDG NO.:** Q1883

Instrument ID: ECD_P **Calibration Date(s):** 04/22/2025 04/22/2025

Calibration Times: 10:29 17:49

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

LAB FILE ID: **CF 1000 =** PP071389.D **CF 750 =** PP071390.D

CF 500 = PP071391.D **CF 250 =** PP071392.D **CF 050 =** PP071393.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	64709894	67652695	70083532	71128656	61674340	67049823	6
Aroclor-1016-2	(2)	98977911	102364897	107369074	108813892	95615840	102628323	5
Aroclor-1016-3	(3)	59905708	62127143	64296308	65849928	56056440	61647105	6
Aroclor-1016-4	(4)	50563747	52419789	53619076	54941428	44946700	51298148	8
Aroclor-1016-5	(5)	47772963	49344036	50670668	50888564	42515680	48238382	7
Aroclor-1260-1	(1)	90879847	94857525	98814986	99659744	95910940	96024608	4
Aroclor-1260-2	(2)	137163459	142386411	147498372	149887700	138450980	143077384	4
Aroclor-1260-3	(3)	110350751	114445481	117702804	126515524	91505860	112104084	12
Aroclor-1260-4	(4)	105570732	110780085	111211068	131260612	105501660	112864831	9
Aroclor-1260-5	(5)	220536830	229070229	228919678	255108180	199231240	226573231	9
Decachlorobiphenyl		1409816860	1467002307	1522583160	1539948480	1300700600	1448010281	7
Tetrachloro-m-xylene		1947183160	2005072840	2066603680	2100352680	1793966200	1982635712	6
Aroclor-1242-1	(1)	53870259	55684409	58494980	58676784	47130380	54771362	9
Aroclor-1242-2	(2)	81881116	85641493	90236470	89744200	77399340	84980524	6
Aroclor-1242-3	(3)	49423643	51294363	53309060	53836868	47752740	51123335	5
Aroclor-1242-4	(4)	41638031	42855355	45034468	44656444	36858500	42208560	8
Aroclor-1242-5	(5)	44955701	46392219	48330700	47956460	43817460	46290508	4
Decachlorobiphenyl		1368547670	1421241013	1488838040	1503303480	1179092600	1392204561	9
Tetrachloro-m-xylene		1868945350	1926494133	2017272340	2030390160	1613146400	1891249677	9
Aroclor-1248-1	(1)	42447397	43370463	44490672	45736348	38649560	42938888	6
Aroclor-1248-2	(2)	57932834	60215229	62023042	63285912	58705480	60432499	4
Aroclor-1248-3	(3)	65030901	68053485	69372090	70318056	61147600	66784426	6
Aroclor-1248-4	(4)	80777360	84441085	86910244	89142916	81782860	84610893	4
Aroclor-1248-5	(5)	76029464	78502729	80776474	83552224	78380620	79448302	4
Decachlorobiphenyl		1379130770	1440268240	1485619680	1521197800	1358343200	1436911938	5
Tetrachloro-m-xylene		1879191440	1925518227	1989640420	2037603040	1811949400	1928780505	5
Aroclor-1254-1	(1)	78574372	81246615	85577334	88598188	75759400	81951182	6
Aroclor-1254-2	(2)	121624435	125816099	132146328	137115708	118678260	127076166	6
Aroclor-1254-3	(3)	123432630	127799839	132981654	137623252	117036460	127774767	6
Aroclor-1254-4	(4)	112512019	116259037	121737436	124392856	112665620	117513394	5
Aroclor-1254-5	(5)	106399089	105922557	113785120	116153044	96391680	107730298	7
Decachlorobiphenyl		1410101810	1469202520	1526389740	1549706840	1328725400	1456825262	6
Tetrachloro-m-xylene		1888241120	1936990333	2012368600	2071565920	1722515200	1926336235	7
Aroclor-1268-1	(1)	299594266	309097848	319744804	331826088	282063800	308465361	6

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	251109850	259047004	267960354	275856908	228123960	256419615	7
Aroclor-1268-3	(3)	211915080	218354113	225284280	231505696	216470880	220706010	4
Aroclor-1268-4	(4)	93231632	96431025	99007040	98059984	82736300	93893196	7
Aroclor-1268-5	(5)	590082071	603740247	621062448	631335032	536707900	596585540	6
Decachlorobiphenyl		2486623660	2556709627	2669414960	2694667240	2263272000	2534137497	7
Tetrachloro-m-xylene		1883977950	1931567613	1982008260	2006991440	1590966000	1879102253	9

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1883 **SAS No.:** Q1883 **SDG NO.:** Q1883

Instrument ID: ECD_P **Calibration Date(s):** 04/22/2025 04/22/2025

Calibration Times: 10:29 17:49

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

LAB FILE ID: **CF 1000 =** PP071389.D **CF 750 =** PP071390.D

CF 500 = PP071391.D **CF 250 =** PP071392.D **CF 050 =** PP071393.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	48121828	49414308	53806128	56180596	60145020	53533576	9
Aroclor-1016-2	(2)	69736709	72096436	77213744	78520924	84250740	76363711	7
Aroclor-1016-3	(3)	38517048	40455577	43831736	45082616	43165080	42210411	6
Aroclor-1016-4	(4)	31206636	32814844	36123020	37095092	35190100	34485938	7
Aroclor-1016-5	(5)	39458687	41985771	45850608	46345748	48595640	44447291	8
Aroclor-1260-1	(1)	63219917	66123699	73727666	76350368	82074520	72299234	11
Aroclor-1260-2	(2)	77338708	77548395	89921718	91492956	101005300	87461415	12
Aroclor-1260-3	(3)	72062678	70944365	81698234	79344004	87888600	78387576	9
Aroclor-1260-4	(4)	57333188	56779915	65331750	68083052	68025140	63110609	9
Aroclor-1260-5	(5)	143809415	139161576	155842678	157512280	157560640	150777318	6
Decachlorobiphenyl		831147600	875337973	902319620	934998560	841460400	877052831	5
Tetrachloro-m-xylene		1380433570	1378340613	1415112020	1448341640	1420974200	1408640409	2
Aroclor-1242-1	(1)	42717527	44660211	47919806	49576672	46343800	46243603	6
Aroclor-1242-2	(2)	62346958	64901092	68295906	70279172	64290540	66022734	5
Aroclor-1242-3	(3)	34614031	35703872	38469574	40739776	32714120	36448275	9
Aroclor-1242-4	(4)	33518120	34659665	37548334	39683016	33143760	35710579	8
Aroclor-1242-5	(5)	41214500	42688541	44971456	47258656	41407120	43508055	6
Decachlorobiphenyl		815615080	851726400	897002660	917481280	766770800	849719244	7
Tetrachloro-m-xylene		1295159620	1325412680	1503876340	1432488040	1389045200	1389196376	6
Aroclor-1248-1	(1)	30996932	35945815	36538014	39256084	37796080	36106585	9
Aroclor-1248-2	(2)	43624561	47309389	48616518	53505512	51756020	48962400	8
Aroclor-1248-3	(3)	45791659	49899927	50774174	56002176	52959580	51085503	7
Aroclor-1248-4	(4)	53871444	58562581	58680784	64889280	67282380	60657294	9
Aroclor-1248-5	(5)	52150607	56290108	57608714	65271236	60133720	58290877	8
Decachlorobiphenyl		826375100	860756013	900400040	940375840	921771600	889935719	5
Tetrachloro-m-xylene		1324712230	1514156880	1548203640	1434858960	1416930600	1447772462	6
Aroclor-1254-1	(1)	81690839	87361264	89755404	97285536	100908960	91400401	8
Aroclor-1254-2	(2)	70045476	75469849	77317914	83154376	87573280	78712179	9
Aroclor-1254-3	(3)	109725744	114103376	120096818	124380164	124235440	118508308	5
Aroclor-1254-4	(4)	70169900	74068720	77810162	81877428	81901880	77165618	7
Aroclor-1254-5	(5)	92229111	96109599	104690794	107384400	106924600	101467701	7
Decachlorobiphenyl		846307500	875335867	916104900	955261880	868223800	892246789	5
Tetrachloro-m-xylene		1390553300	1501013893	1450901500	1518608160	1468503000	1465915971	3
Aroclor-1268-1	(1)	181860271	188460193	203483780	205414332	201904640	196224643	5

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	154801411	159518377	172755008	173272408	170561360	166181713	5
Aroclor-1268-3	(3)	128491160	133089205	143083692	144773184	135469120	136981272	5
Aroclor-1268-4	(4)	56964280	59695839	63521398	64177792	55793320	60030526	6
Aroclor-1268-5	(5)	367021219	377695863	385175068	387479012	342861840	372046600	5
Decachlorobiphenyl		1499051200	1546040093	1602790460	1652739760	1464953600	1553115023	5
Tetrachloro-m-xylene		1476470990	1445952813	1464214380	1457737600	1300882000	1429051557	5

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1883 **SAS No.:** Q1883 **SDG NO.:** Q1883

Instrument ID: ECD_P **Date(s) Analyzed:** 04/22/2025 04/22/2025

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	4.72	4.62	4.82	24116800
		2	4.80	4.70	4.90	18016900
		3	4.88	4.78	4.98	56611200
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.88	4.78	4.98	44912000
		2	5.40	5.30	5.50	23013000
		3	5.69	5.59	5.79	47217600
		4	5.85	5.75	5.95	23179400
		5	5.94	5.84	6.04	16145700
Aroclor-1262	500	1	8.10	8.00	8.20	144491000
		2	8.42	8.32	8.52	274186000
		3	8.74	8.64	8.84	182878000
		4	8.82	8.72	8.92	134211000
		5	9.48	9.38	9.58	88162000

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1883 **SAS No.:** Q1883 **SDG NO.:** Q1883

Instrument ID: ECD_P **Date(s) Analyzed:** 04/22/2025 04/22/2025

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	4.02	3.92	4.12	21995000
		2	4.11	4.01	4.21	16561700
		3	4.19	4.09	4.29	48477000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.19	4.09	4.29	38317800
		2	4.92	4.82	5.02	38187400
		3	5.09	4.99	5.19	21175200
		4	5.18	5.08	5.28	18540400
		5	5.35	5.25	5.45	19901900
Aroclor-1262	500	1	6.94	6.84	7.04	113612000
		2	7.20	7.10	7.30	92339400
		3	7.72	7.62	7.82	75694400
		4	7.79	7.69	7.89	124826000
		5	8.29	8.19	8.39	55493200

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071389.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 10:29
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 11:18:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 11:14:53 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.511	3.811	194.7E6	138.0E6	97.025	98.760
2)	SA Decachlor...	10.230	8.849	141.0E6	83114760	96.154	95.894
	Target Compounds						
3)	L1 AR-1016-1	5.664	4.897	64709894	48121828	960.134	944.232
4)	L1 AR-1016-2	5.686	4.915	98977911	69736709	959.335	949.119
5)	L1 AR-1016-3	5.749	5.092	59905708	38517048	964.650	935.461
6)	L1 AR-1016-4	5.846	5.134	50563747	31206636	970.673	926.980
7)	L1 AR-1016-5	6.139	5.349	47772963	39458687	970.565	925.074
31)	L7 AR-1260-1	7.259	6.384	90879847	63219917	958.169	923.272
32)	L7 AR-1260-2	7.512	6.572	137.2E6	77338708	963.694	924.770
33)	L7 AR-1260-3	7.872	6.726	110.4E6	72062678	967.762	937.334
34)	L7 AR-1260-4	8.095	7.197	105.6E6	57333188	973.982	934.793
35)	L7 AR-1260-5	8.416	7.439	220.5E6	143.8E6	981.349	959.843

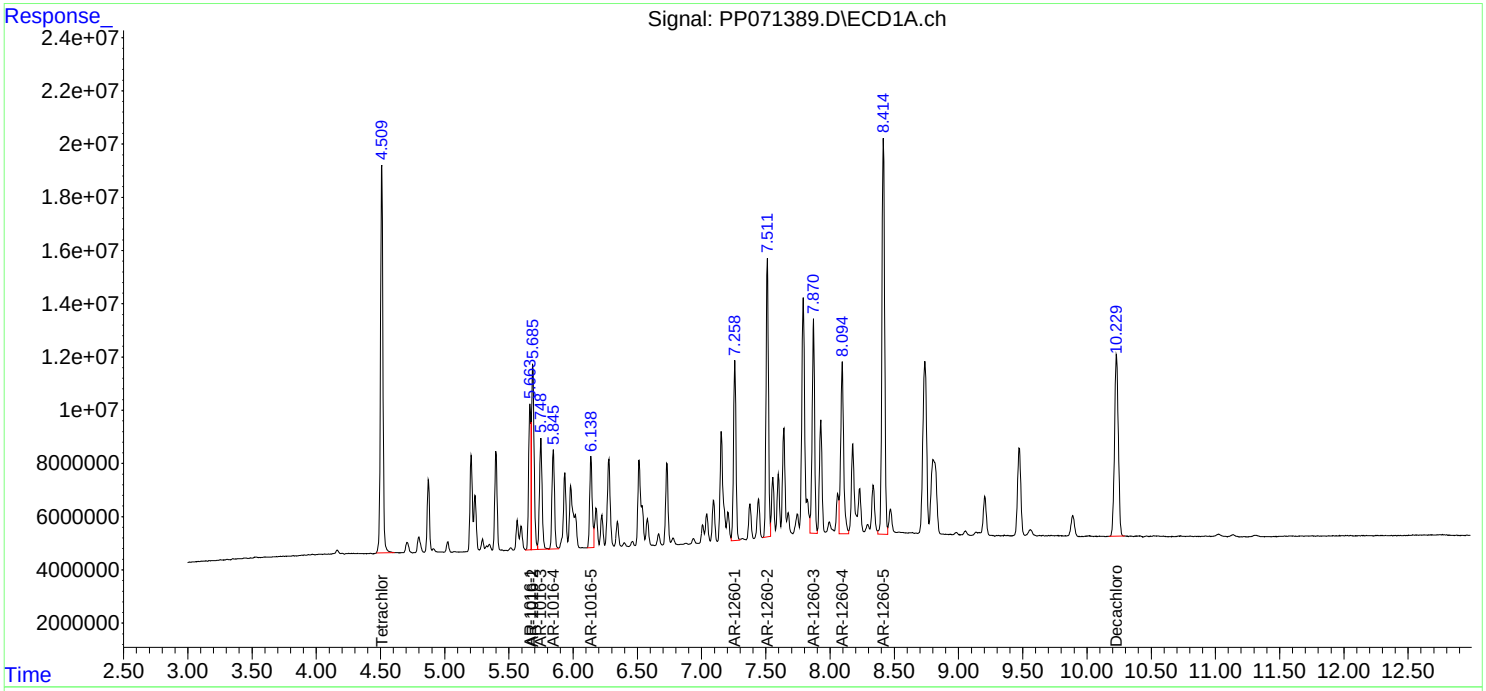
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

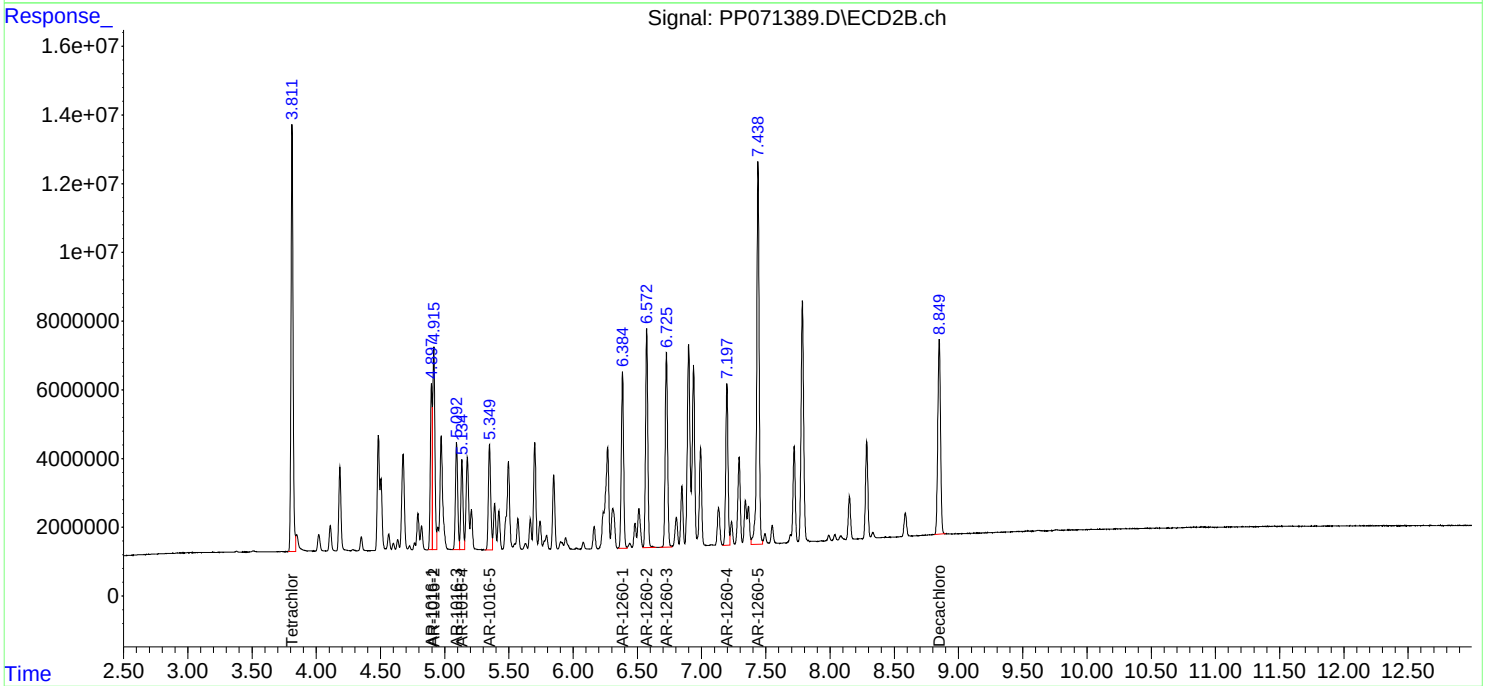
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071389.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 10:29
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

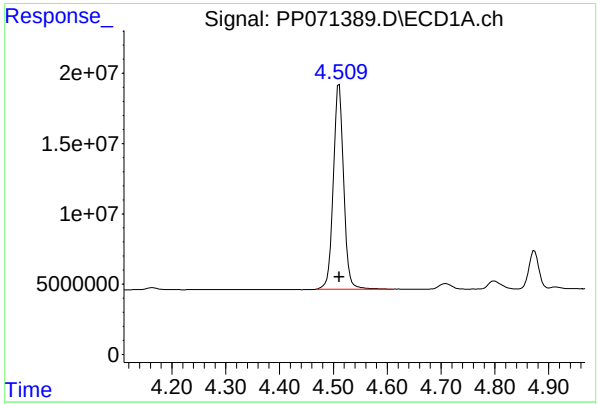
Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 11:18:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 11:14:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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



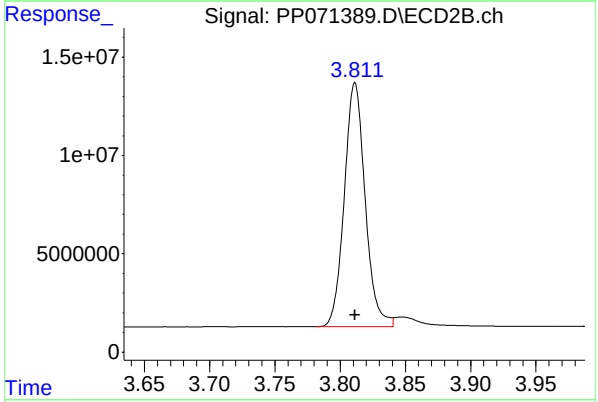




#1 Tetrachloro-m-xylene

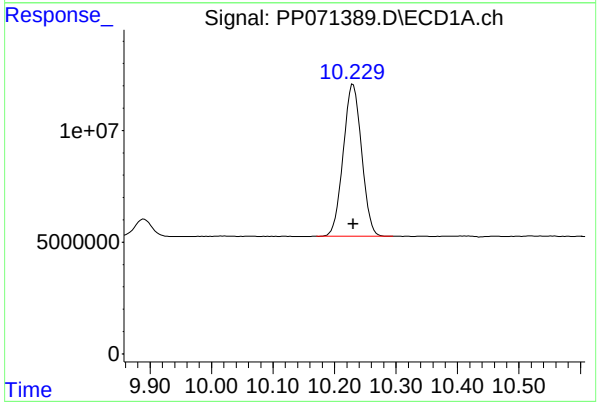
R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 194718316
Conc: 97.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



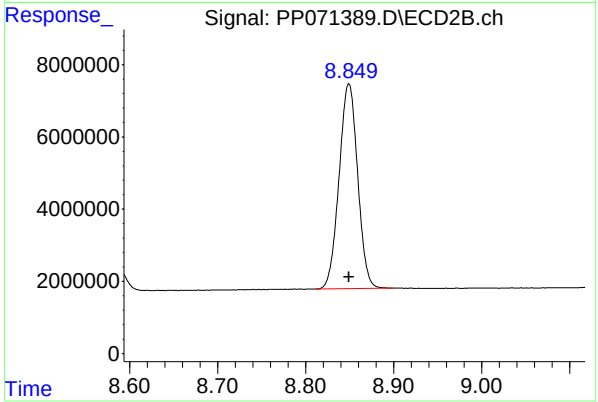
#1 Tetrachloro-m-xylene

R.T.: 3.811 min
Delta R.T.: 0.000 min
Response: 138043357
Conc: 98.76 ng/ml



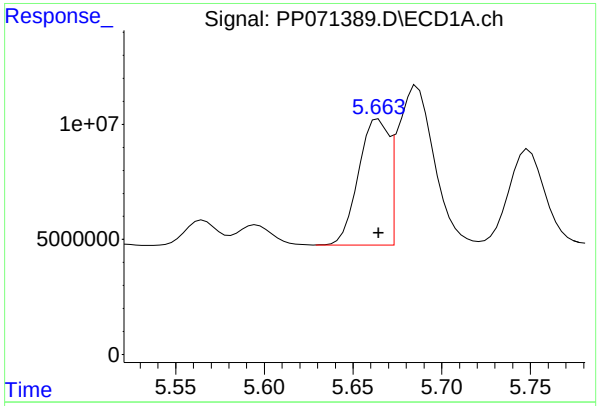
#2 Decachlorobiphenyl

R.T.: 10.230 min
Delta R.T.: 0.000 min
Response: 140981686
Conc: 96.15 ng/ml



#2 Decachlorobiphenyl

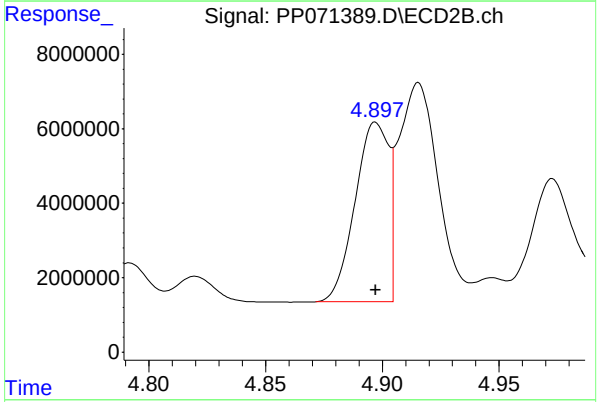
R.T.: 8.849 min
Delta R.T.: 0.000 min
Response: 83114760
Conc: 95.89 ng/ml



#3 AR-1016-1

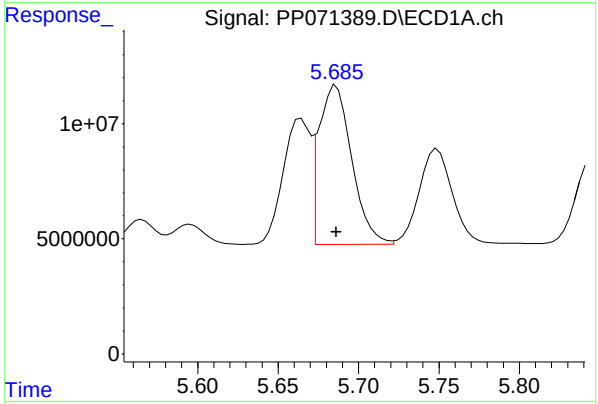
R.T.: 5.664 min
Delta R.T.: 0.000 min
Response: 64709894
Conc: 960.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



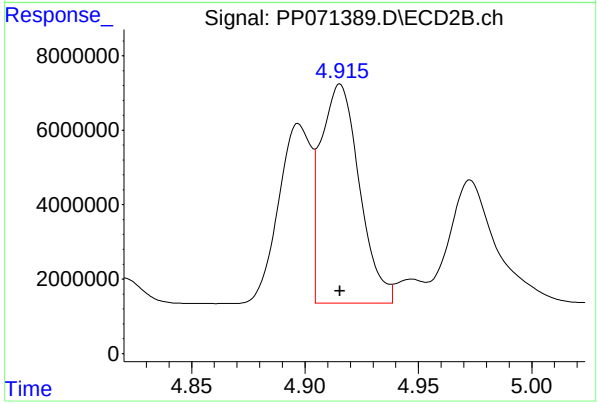
#3 AR-1016-1

R.T.: 4.897 min
Delta R.T.: 0.000 min
Response: 48121828
Conc: 944.23 ng/ml



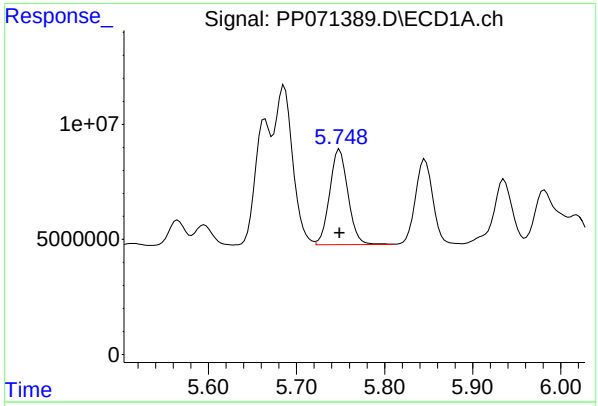
#4 AR-1016-2

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 98977911
Conc: 959.33 ng/ml



#4 AR-1016-2

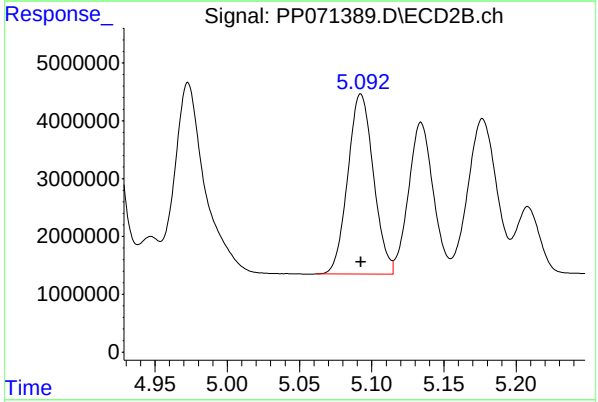
R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 69736709
Conc: 949.12 ng/ml



#5 AR-1016-3

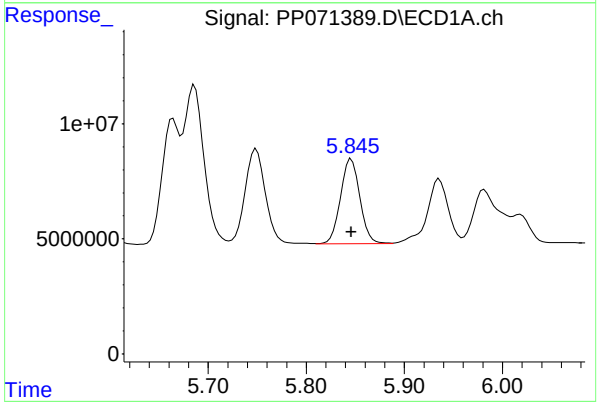
R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 59905708
Conc: 964.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



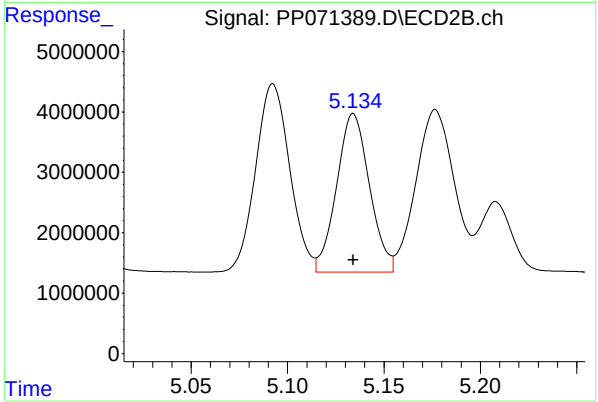
#5 AR-1016-3

R.T.: 5.092 min
Delta R.T.: 0.000 min
Response: 38517048
Conc: 935.46 ng/ml



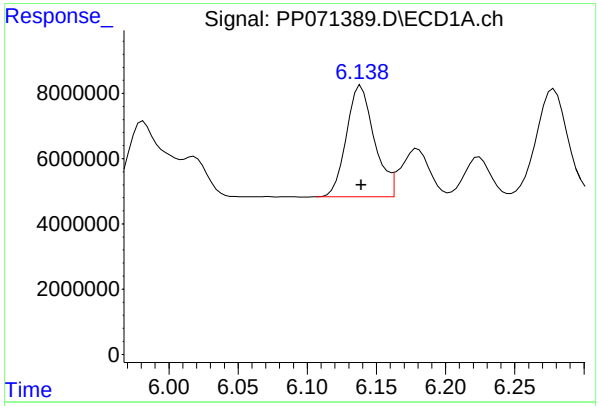
#6 AR-1016-4

R.T.: 5.846 min
Delta R.T.: 0.000 min
Response: 50563747
Conc: 970.67 ng/ml



#6 AR-1016-4

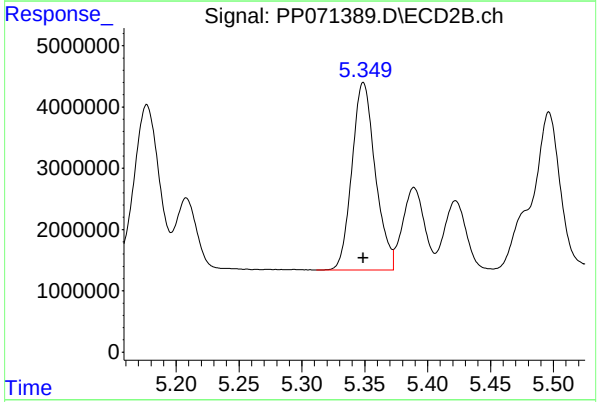
R.T.: 5.134 min
Delta R.T.: 0.000 min
Response: 31206636
Conc: 926.98 ng/ml



#7 AR-1016-5

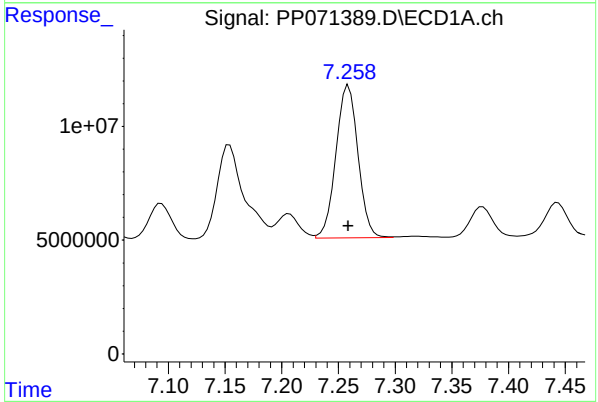
R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 47772963
Conc: 970.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



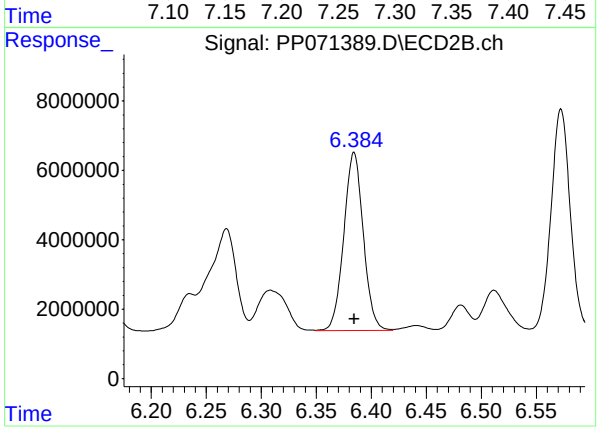
#7 AR-1016-5

R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 39458687
Conc: 925.07 ng/ml



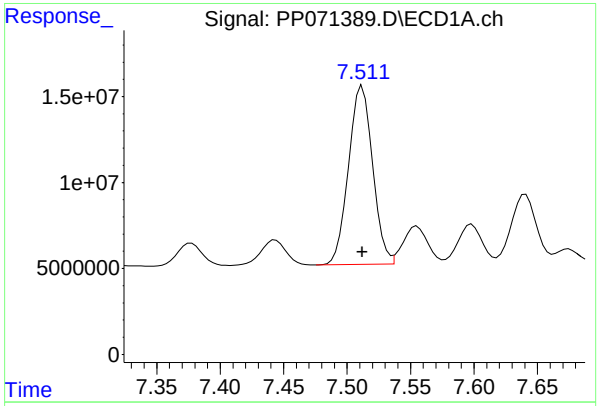
#31 AR-1260-1

R.T.: 7.259 min
Delta R.T.: 0.000 min
Response: 90879847
Conc: 958.17 ng/ml



#31 AR-1260-1

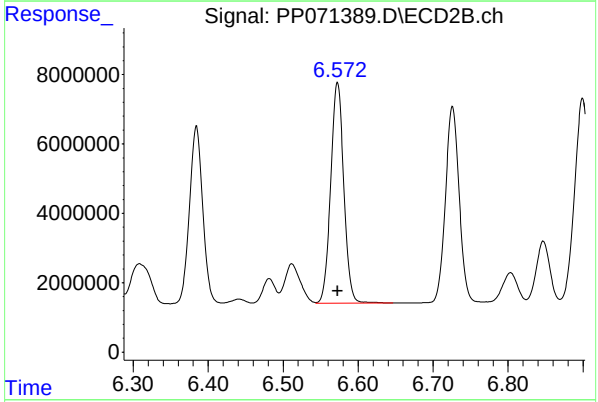
R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 63219917
Conc: 923.27 ng/ml



#32 AR-1260-2

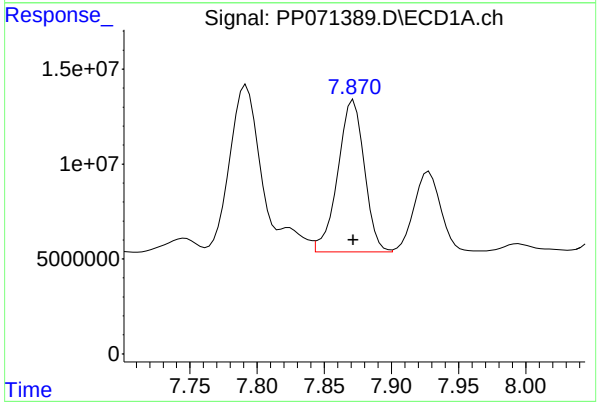
R.T.: 7.512 min
Delta R.T.: 0.000 min
Response: 137163459
Conc: 963.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



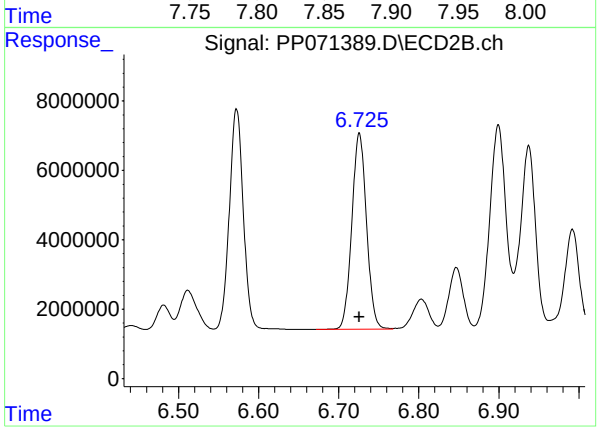
#32 AR-1260-2

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 77338708
Conc: 924.77 ng/ml



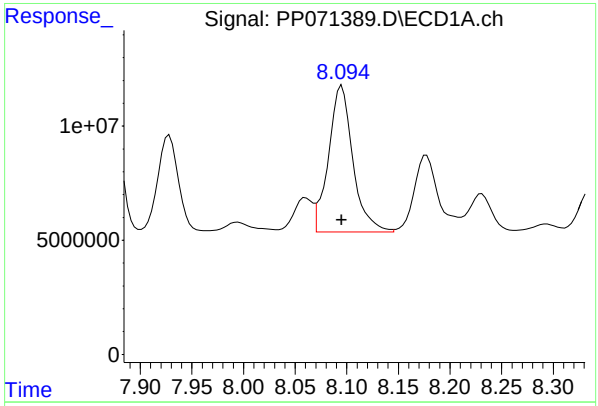
#33 AR-1260-3

R.T.: 7.872 min
Delta R.T.: 0.000 min
Response: 110350751
Conc: 967.76 ng/ml



#33 AR-1260-3

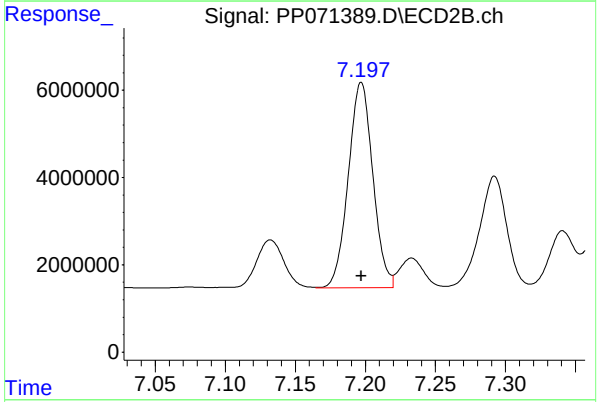
R.T.: 6.726 min
Delta R.T.: 0.000 min
Response: 72062678
Conc: 937.33 ng/ml



#34 AR-1260-4

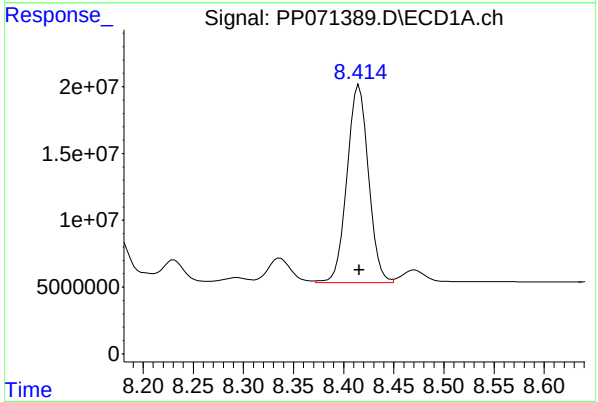
R.T.: 8.095 min
Delta R.T.: 0.000 min
Response: 105570732
Conc: 973.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



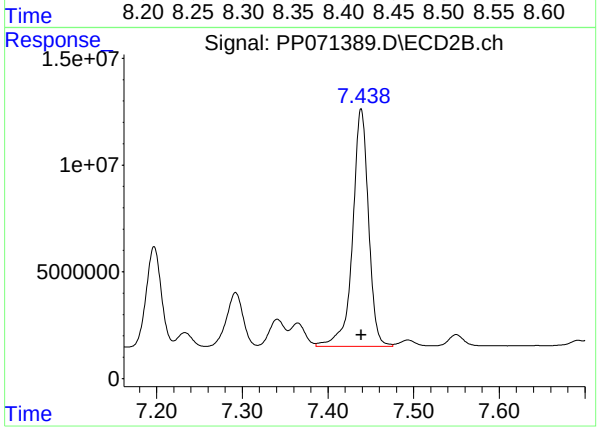
#34 AR-1260-4

R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 57333188
Conc: 934.79 ng/ml



#35 AR-1260-5

R.T.: 8.416 min
Delta R.T.: 0.000 min
Response: 220536830
Conc: 981.35 ng/ml



#35 AR-1260-5

R.T.: 7.439 min
Delta R.T.: 0.000 min
Response: 143809415
Conc: 959.84 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071390.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 10:45
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 11:20:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 11:14:53 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.514	3.811	150.4E6	103.4E6	74.955	74.302
2)	SA Decachlor...	10.233	8.848	110.0E6	65650348	75.027	75.495
	Target Compounds						
3)	L1 AR-1016-1	5.668	4.897	50739521	37060731	751.897	734.641
4)	L1 AR-1016-2	5.690	4.915	76773673	54072327	746.071	740.558
5)	L1 AR-1016-3	5.752	5.092	46595357	30341683	750.210	741.220
6)	L1 AR-1016-4	5.849	5.134	39314842	24611133	753.145	737.269
7)	L1 AR-1016-5	6.142	5.349	37008027	31489328	751.240	742.118
31)	L7 AR-1260-1	7.261	6.383	71143144	49592774	750.053	732.641
32)	L7 AR-1260-2	7.514	6.572	106.8E6	58161296	750.195	712.735
33)	L7 AR-1260-3	7.873	6.725	85834111	53208274	751.834	710.374
34)	L7 AR-1260-4	8.097	7.197	83085064	42584936	760.941	711.945
35)	L7 AR-1260-5	8.418	7.438	171.8E6	104.4E6	759.599	713.546

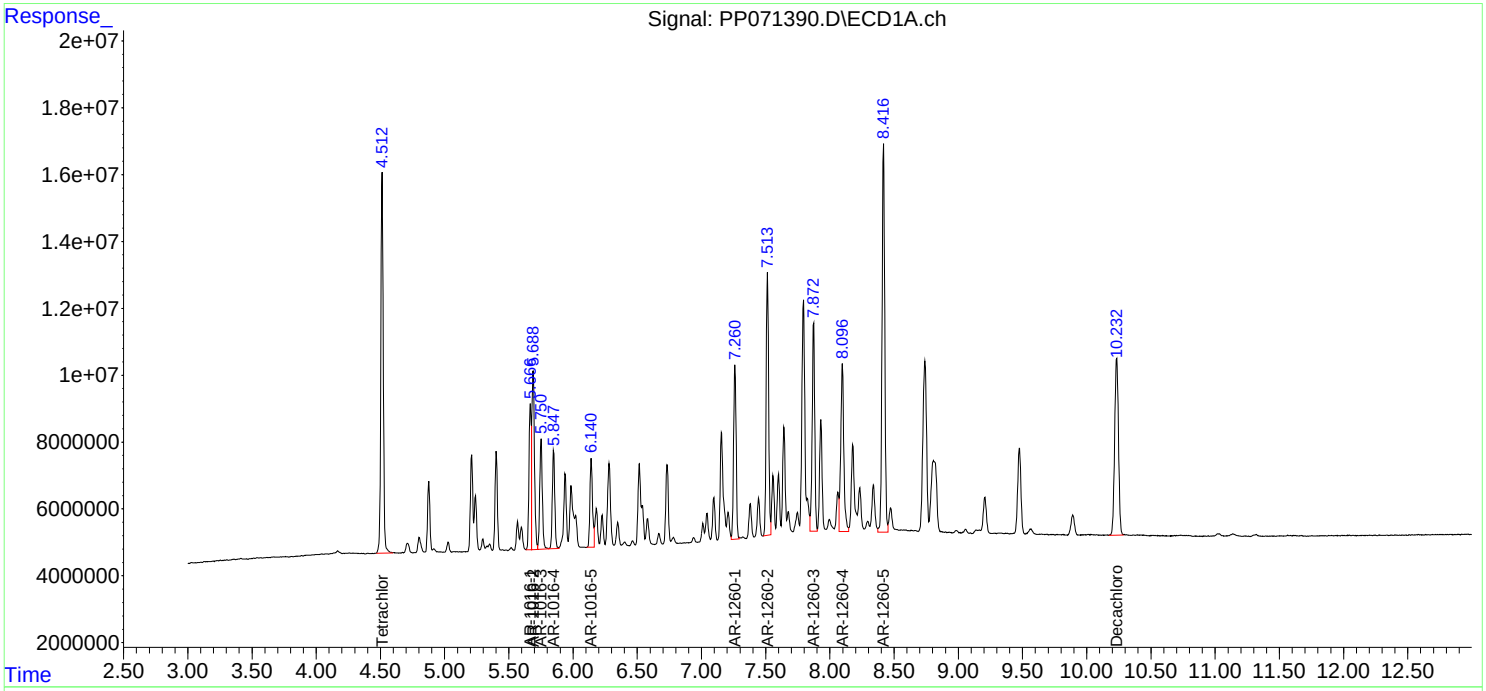
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

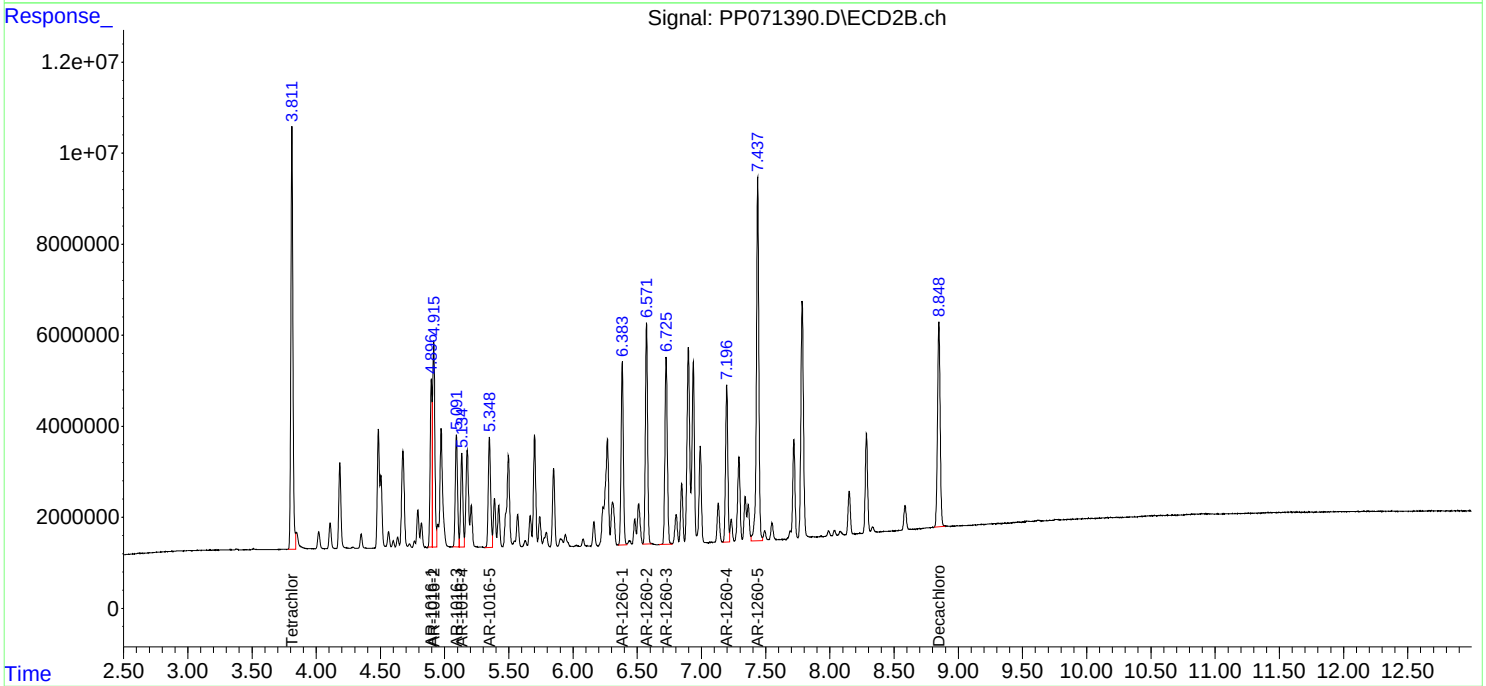
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071390.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 10:45
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

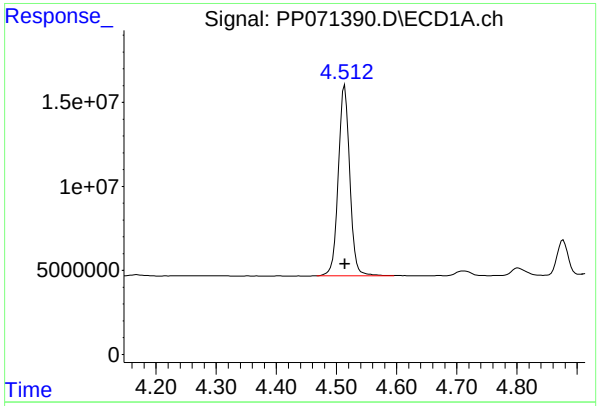
Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 11:20:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 11:14:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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



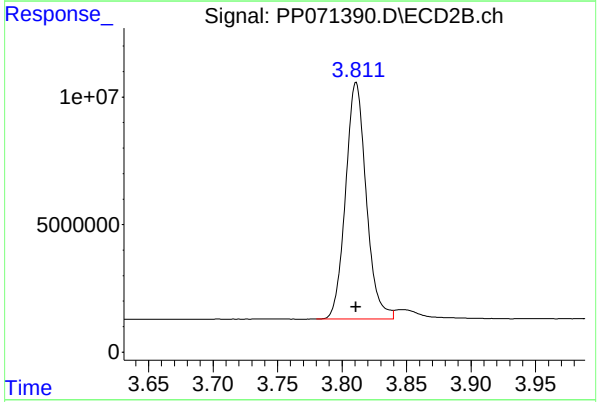




#1 Tetrachloro-m-xylene

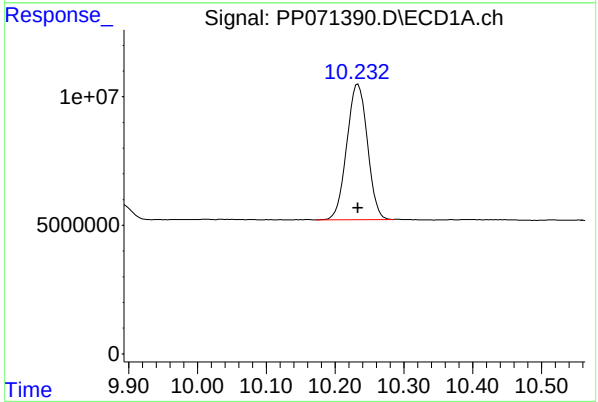
R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 150380463
Conc: 74.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



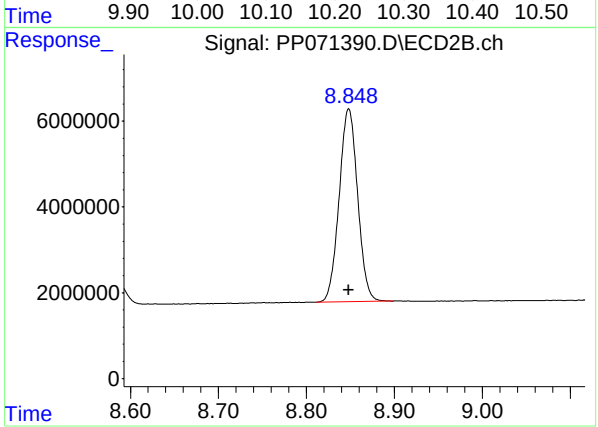
#1 Tetrachloro-m-xylene

R.T.: 3.811 min
Delta R.T.: 0.000 min
Response: 103375546
Conc: 74.30 ng/ml



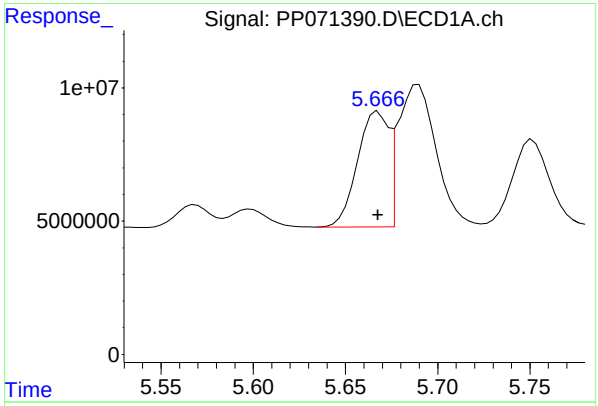
#2 Decachlorobiphenyl

R.T.: 10.233 min
Delta R.T.: 0.000 min
Response: 110025173
Conc: 75.03 ng/ml



#2 Decachlorobiphenyl

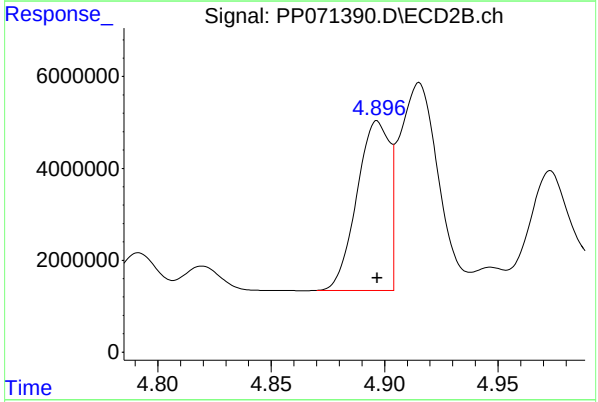
R.T.: 8.848 min
Delta R.T.: 0.000 min
Response: 65650348
Conc: 75.49 ng/ml



#3 AR-1016-1

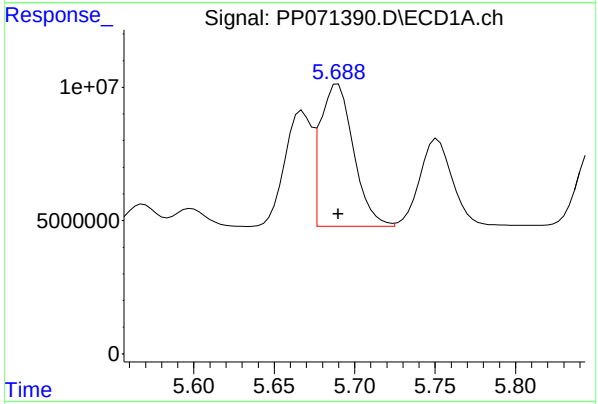
R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 50739521
Conc: 751.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



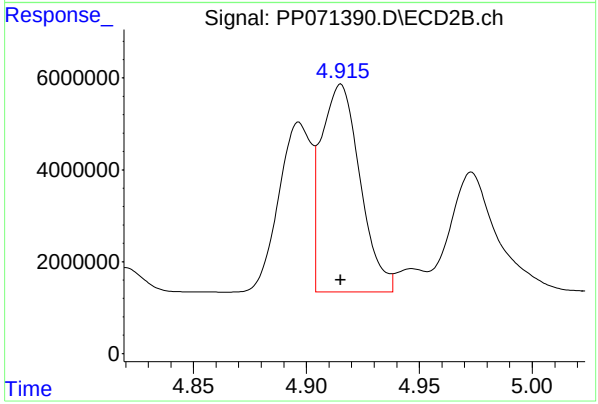
#3 AR-1016-1

R.T.: 4.897 min
Delta R.T.: 0.000 min
Response: 37060731
Conc: 734.64 ng/ml



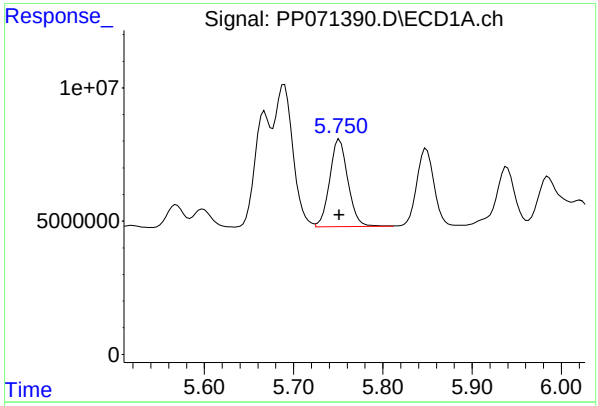
#4 AR-1016-2

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 76773673
Conc: 746.07 ng/ml



#4 AR-1016-2

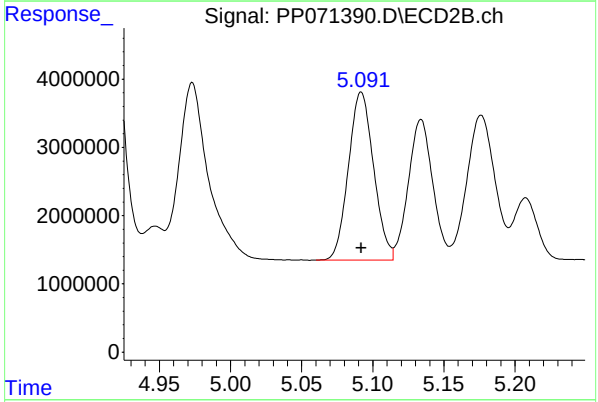
R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 54072327
Conc: 740.56 ng/ml



#5 AR-1016-3

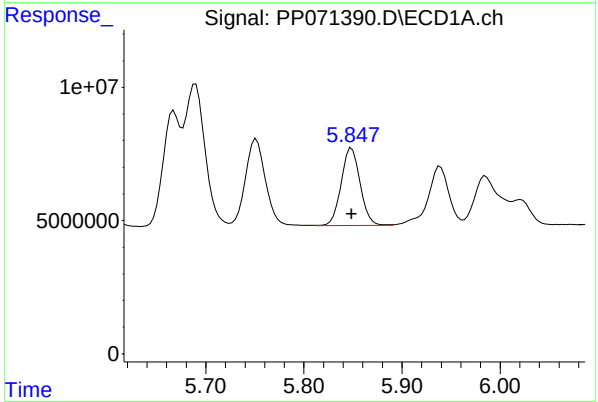
R.T.: 5.752 min
Delta R.T.: 0.000 min
Response: 46595357
Conc: 750.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



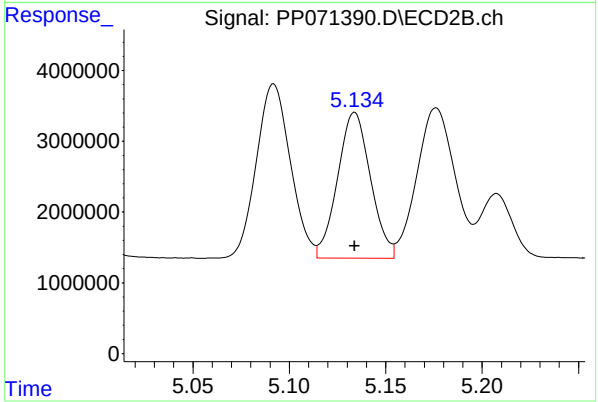
#5 AR-1016-3

R.T.: 5.092 min
Delta R.T.: 0.000 min
Response: 30341683
Conc: 741.22 ng/ml



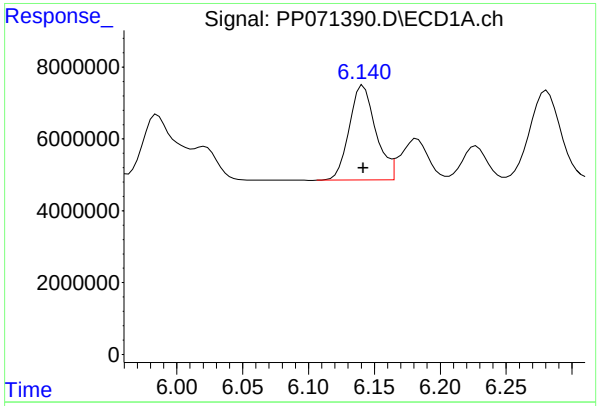
#6 AR-1016-4

R.T.: 5.849 min
Delta R.T.: 0.000 min
Response: 39314842
Conc: 753.15 ng/ml



#6 AR-1016-4

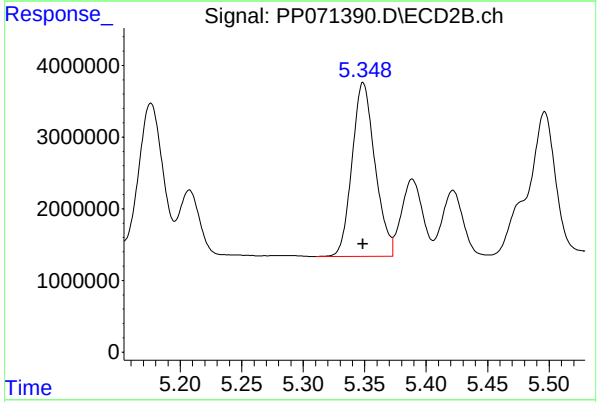
R.T.: 5.134 min
Delta R.T.: 0.000 min
Response: 24611133
Conc: 737.27 ng/ml



#7 AR-1016-5

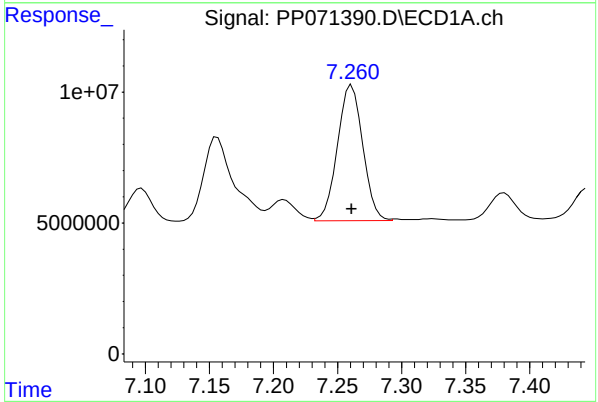
R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 37008027
Conc: 751.24 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



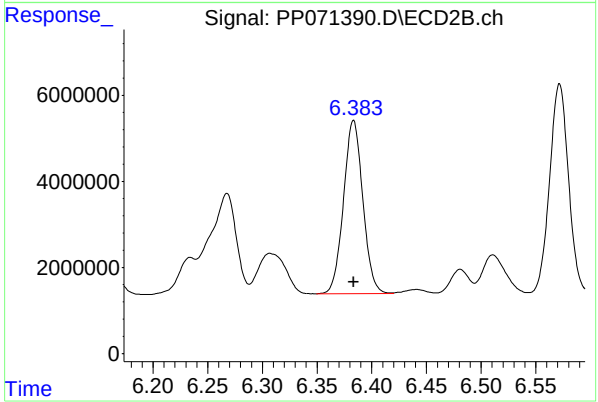
#7 AR-1016-5

R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 31489328
Conc: 742.12 ng/ml



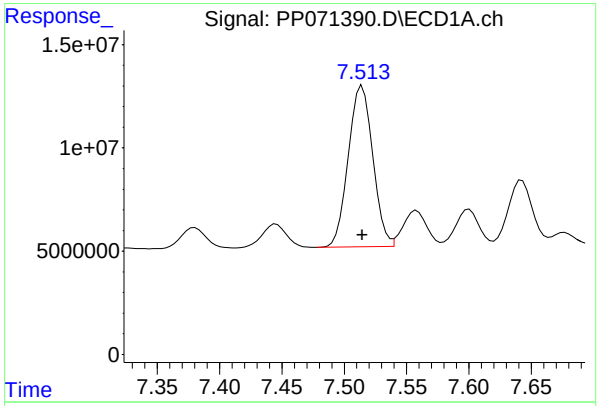
#31 AR-1260-1

R.T.: 7.261 min
Delta R.T.: 0.000 min
Response: 71143144
Conc: 750.05 ng/ml



#31 AR-1260-1

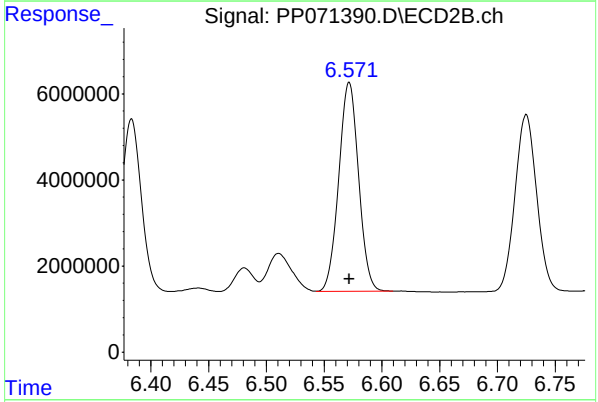
R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 49592774
Conc: 732.64 ng/ml



#32 AR-1260-2

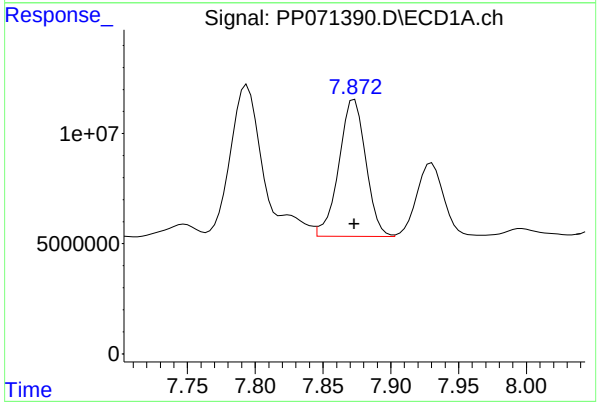
R.T.: 7.514 min
Delta R.T.: 0.000 min
Response: 106789808
Conc: 750.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



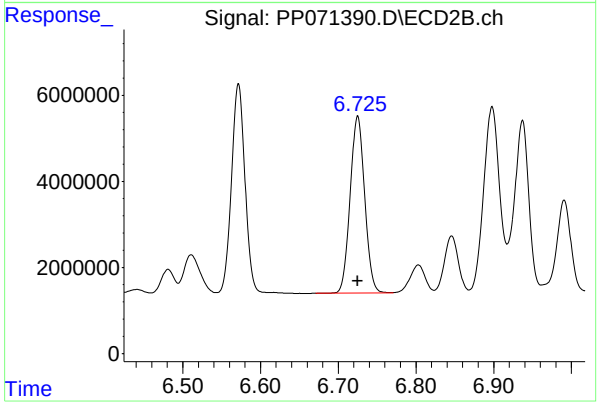
#32 AR-1260-2

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 58161296
Conc: 712.74 ng/ml



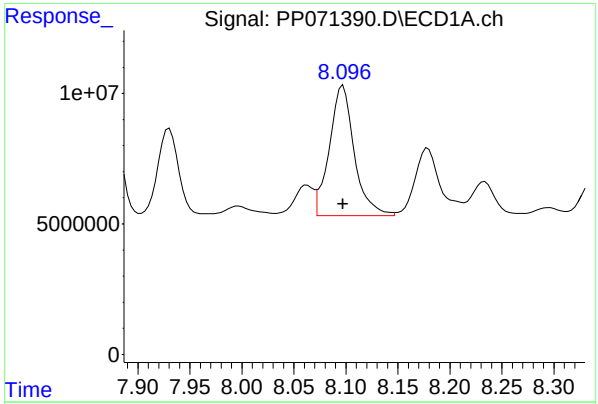
#33 AR-1260-3

R.T.: 7.873 min
Delta R.T.: 0.000 min
Response: 85834111
Conc: 751.83 ng/ml



#33 AR-1260-3

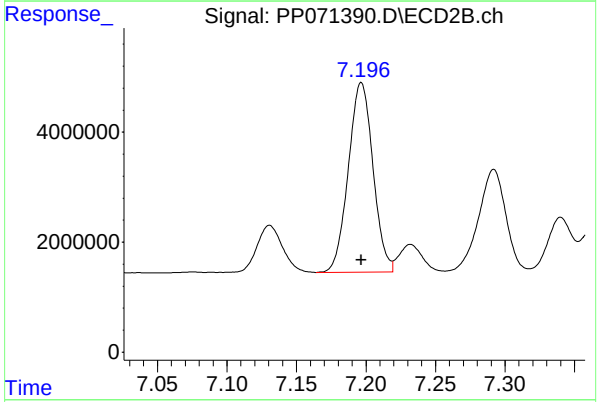
R.T.: 6.725 min
Delta R.T.: 0.000 min
Response: 53208274
Conc: 710.37 ng/ml



#34 AR-1260-4

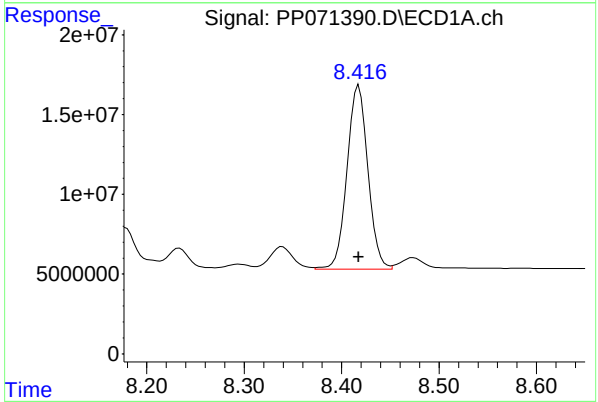
R.T.: 8.097 min
Delta R.T.: 0.000 min
Response: 83085064
Conc: 760.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



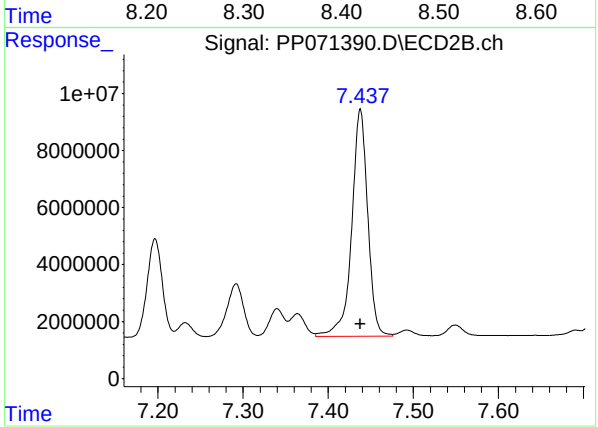
#34 AR-1260-4

R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 42584936
Conc: 711.94 ng/ml



#35 AR-1260-5

R.T.: 8.418 min
Delta R.T.: 0.000 min
Response: 171802672
Conc: 759.60 ng/ml



#35 AR-1260-5

R.T.: 7.438 min
Delta R.T.: 0.000 min
Response: 104371182
Conc: 713.55 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071391.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 11:02
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 11:15:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 11:14:53 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.517	3.812	103.3E6	70755601	50.000	50.000
2)	SA Decachlor...	10.237	8.849	76129158	45115981	50.000	50.000
	Target Compounds						
3)	L1 AR-1016-1	5.671	4.898	35041766	26903064	500.000	500.000
4)	L1 AR-1016-2	5.693	4.916	53684537	38606872	500.000	500.000
5)	L1 AR-1016-3	5.754	5.093	32148154	21915868	500.000	500.000
6)	L1 AR-1016-4	5.852	5.136	26809538	18061510	500.000	500.000
7)	L1 AR-1016-5	6.145	5.350	25335334	22925304	500.000	500.000
31)	L7 AR-1260-1	7.265	6.385	49407493	36863833	500.000	500.000
32)	L7 AR-1260-2	7.518	6.573	73749186	44960859	500.000	500.000
33)	L7 AR-1260-3	7.877	6.727	58851402	40849117	500.000	500.000
34)	L7 AR-1260-4	8.102	7.198	55605534	32665875	500.000	500.000
35)	L7 AR-1260-5	8.422	7.439	114.5E6	77921339	500.000	500.000

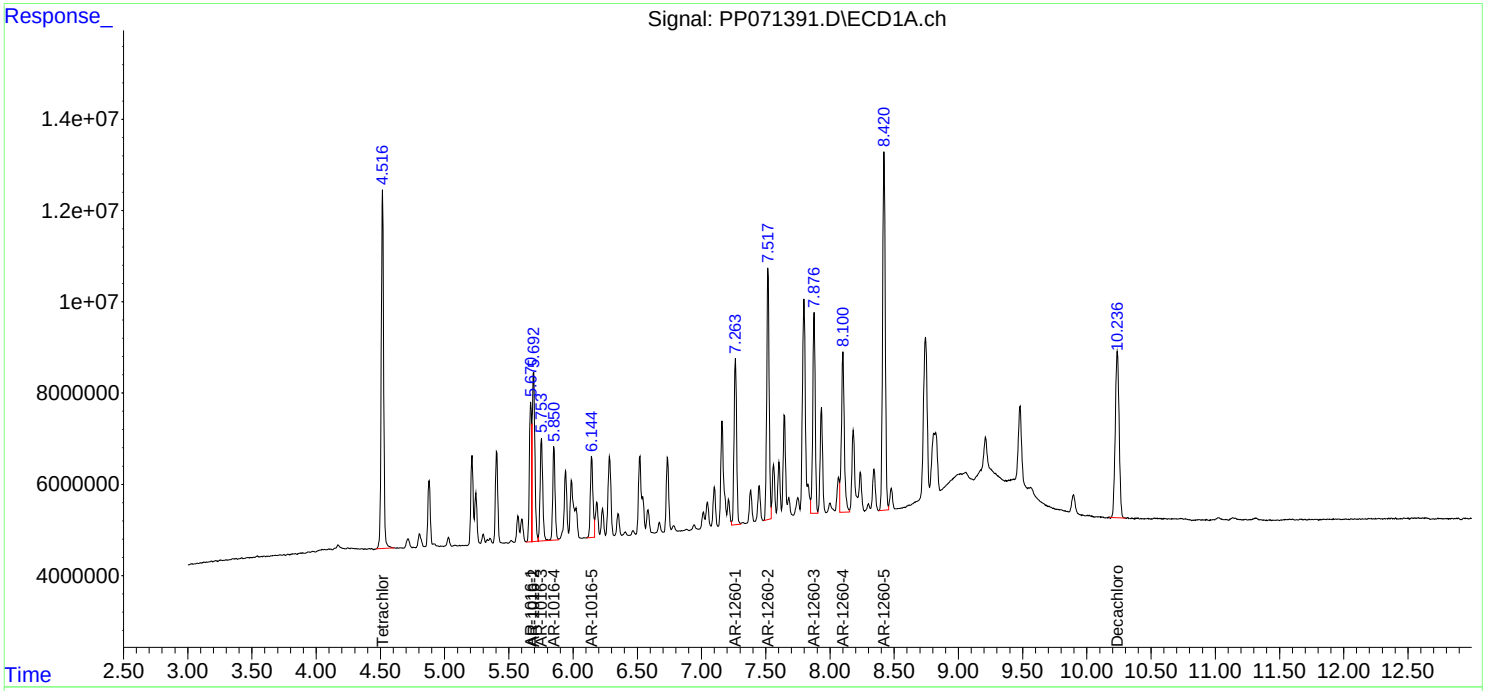
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

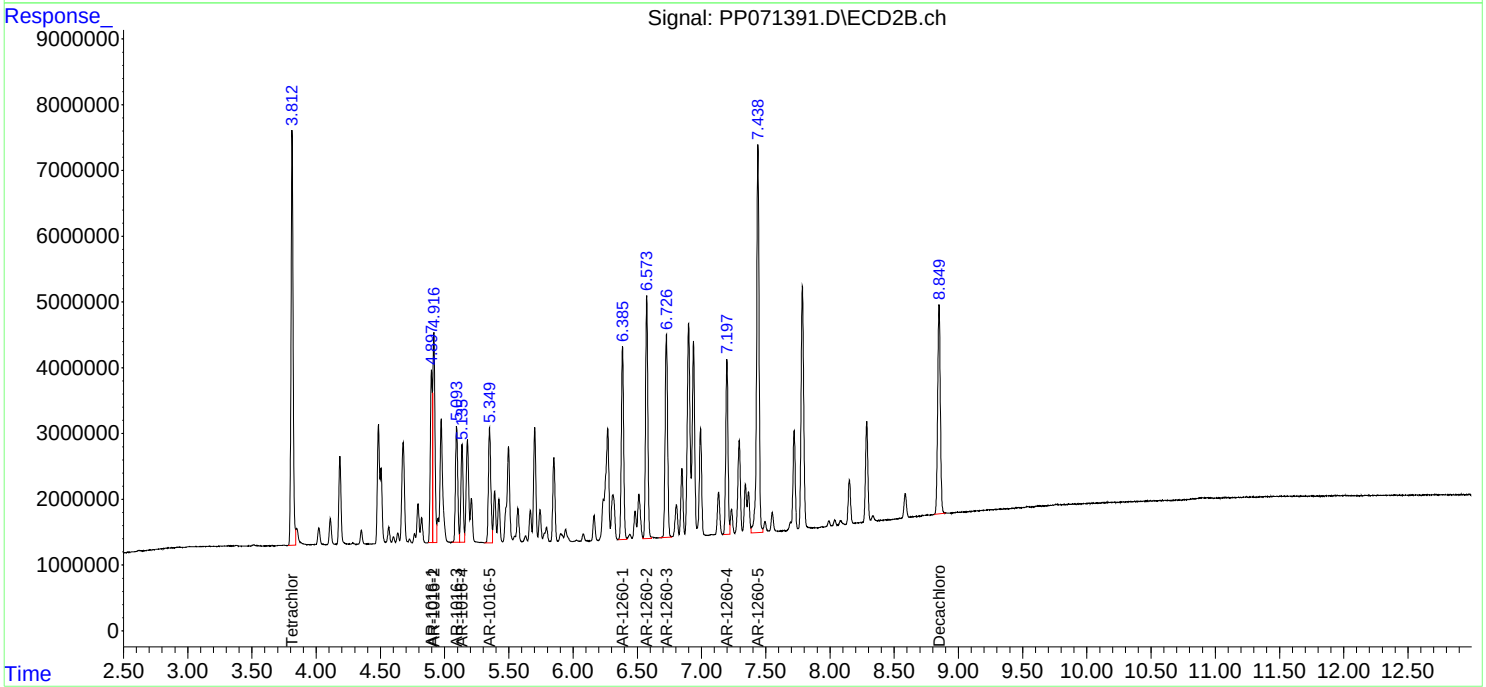
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071391.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 11:02
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

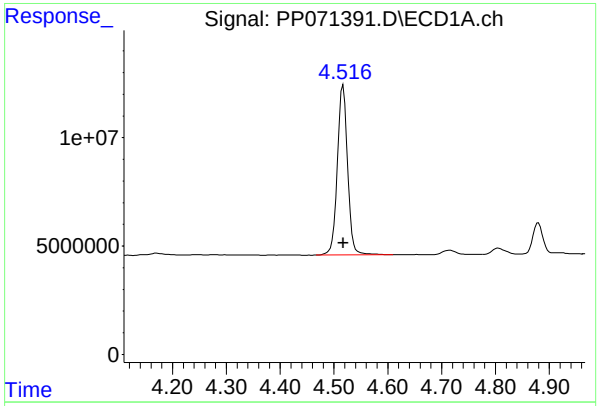
Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 11:15:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 11:14:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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



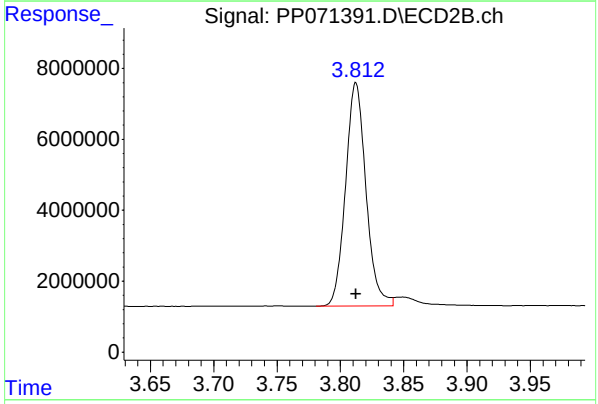




#1 Tetrachloro-m-xylene

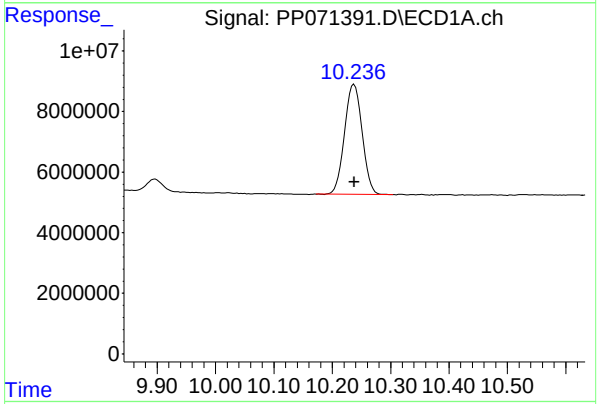
R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 103330184
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



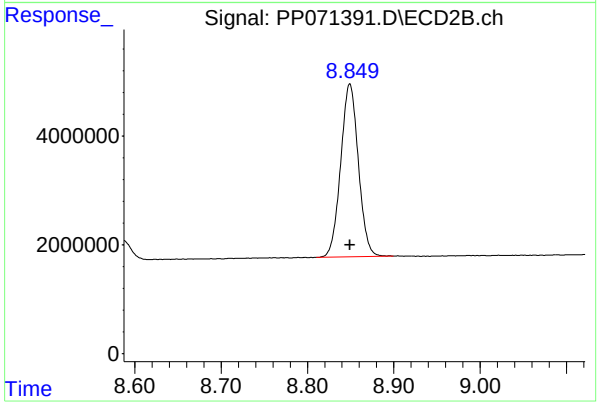
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 70755601
Conc: 50.00 ng/ml



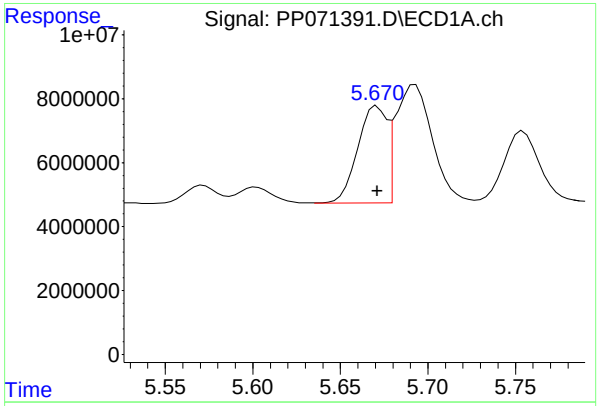
#2 Decachlorobiphenyl

R.T.: 10.237 min
Delta R.T.: 0.000 min
Response: 76129158
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

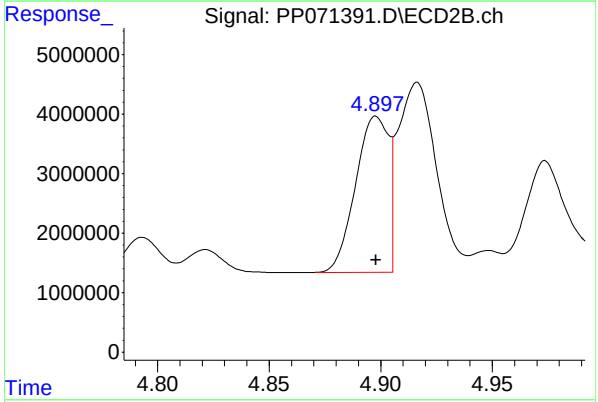
R.T.: 8.849 min
Delta R.T.: 0.000 min
Response: 45115981
Conc: 50.00 ng/ml



#3 AR-1016-1

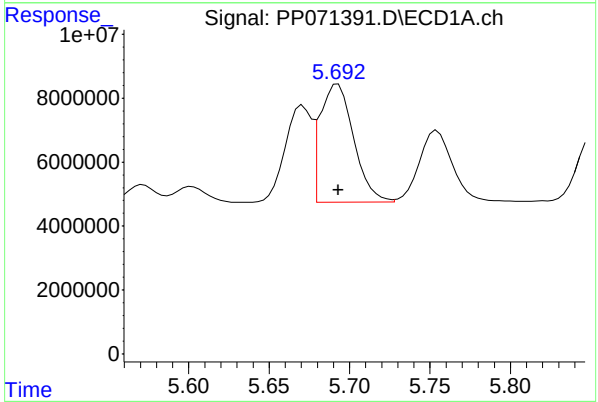
R.T.: 5.671 min
Delta R.T.: 0.000 min
Response: 35041766
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



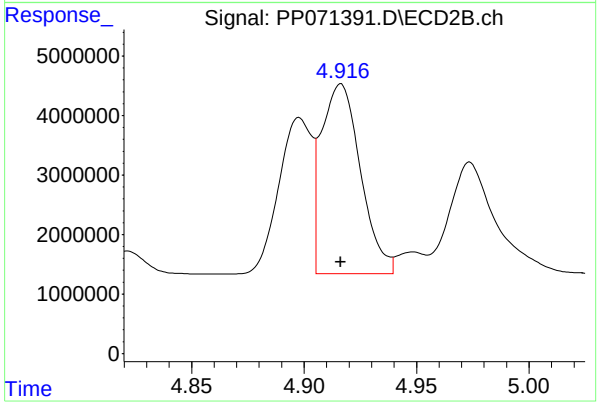
#3 AR-1016-1

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 26903064
Conc: 500.00 ng/ml



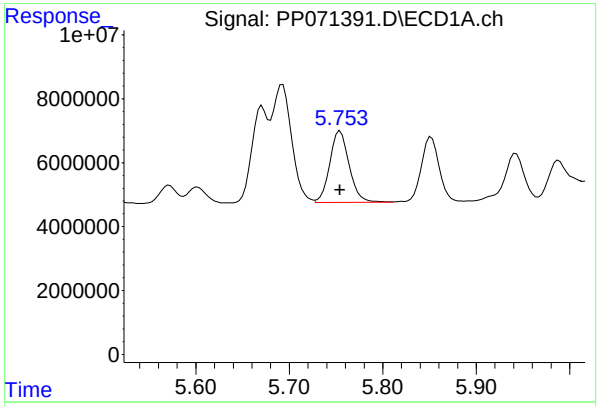
#4 AR-1016-2

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 53684537
Conc: 500.00 ng/ml



#4 AR-1016-2

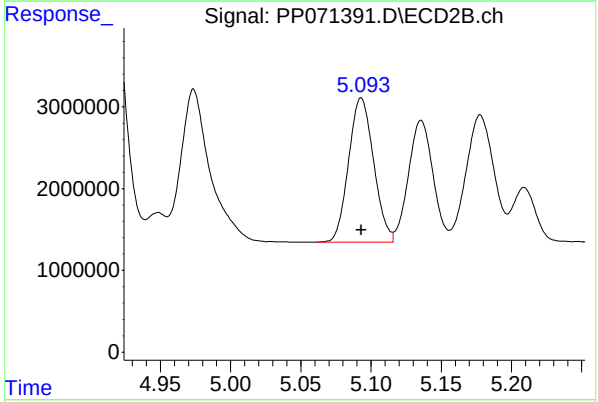
R.T.: 4.916 min
Delta R.T.: 0.000 min
Response: 38606872
Conc: 500.00 ng/ml



#5 AR-1016-3

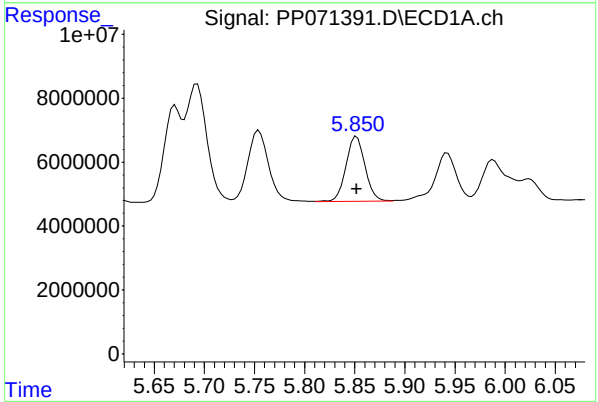
R.T.: 5.754 min
Delta R.T.: 0.000 min
Response: 32148154
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



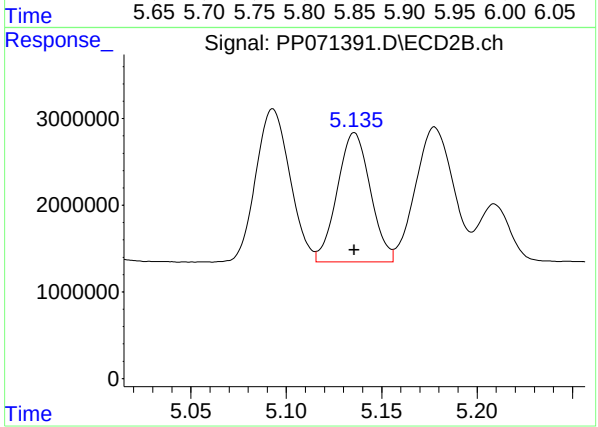
#5 AR-1016-3

R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 21915868
Conc: 500.00 ng/ml



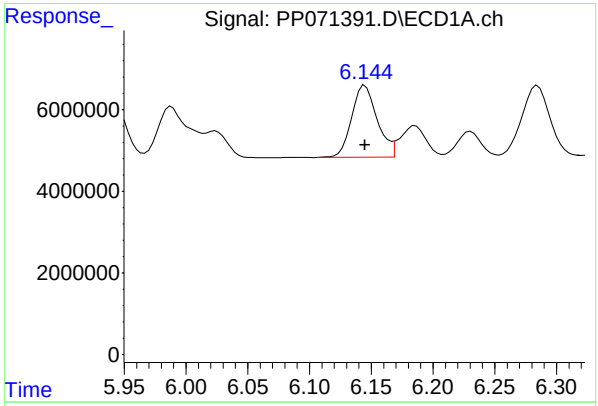
#6 AR-1016-4

R.T.: 5.852 min
Delta R.T.: 0.000 min
Response: 26809538
Conc: 500.00 ng/ml



#6 AR-1016-4

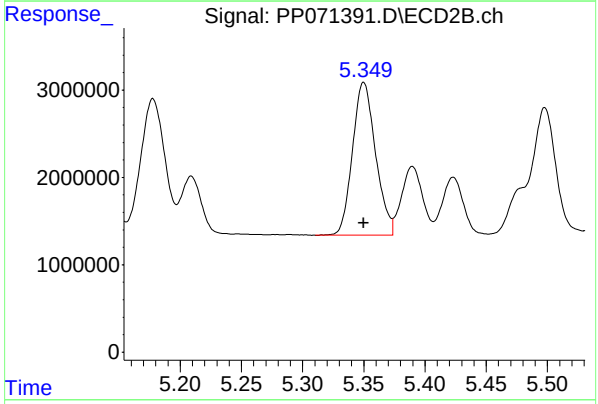
R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 18061510
Conc: 500.00 ng/ml



#7 AR-1016-5

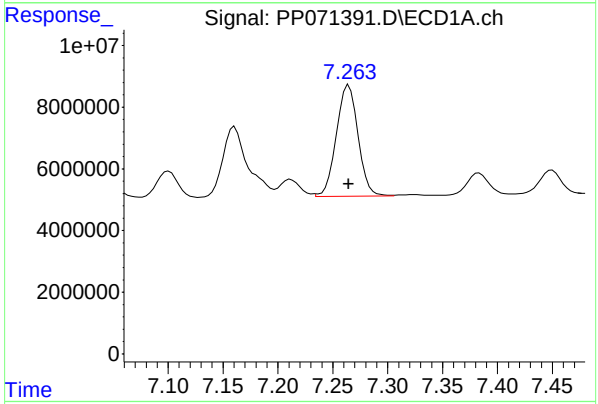
R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 25335334
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



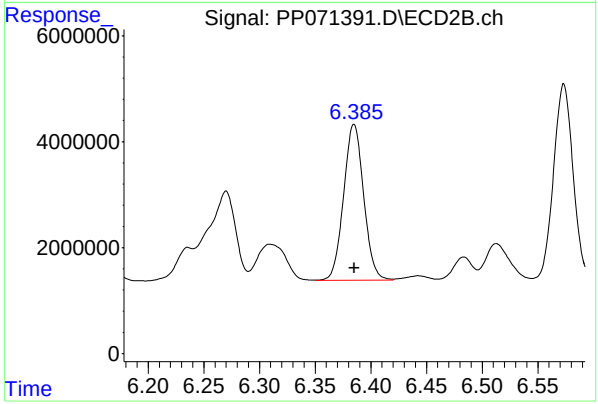
#7 AR-1016-5

R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 22925304
Conc: 500.00 ng/ml



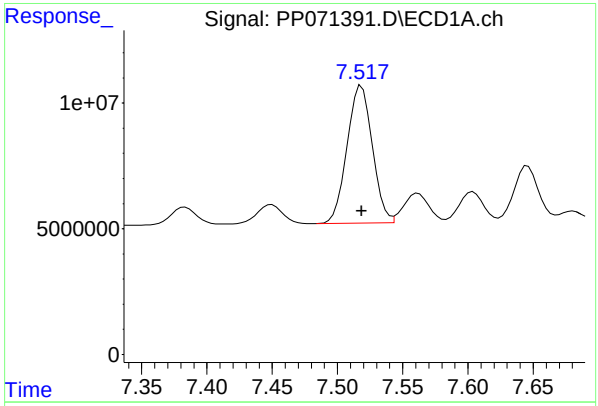
#31 AR-1260-1

R.T.: 7.265 min
Delta R.T.: 0.000 min
Response: 49407493
Conc: 500.00 ng/ml



#31 AR-1260-1

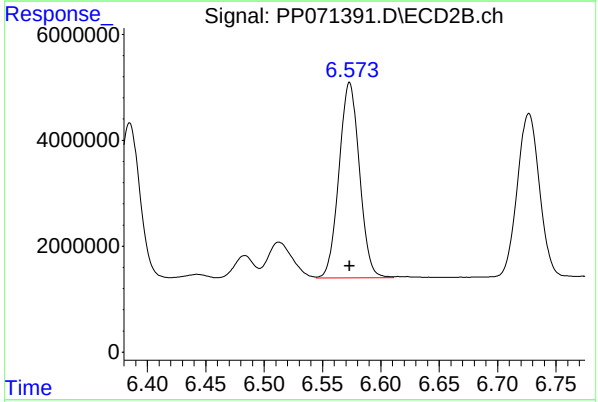
R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 36863833
Conc: 500.00 ng/ml



#32 AR-1260-2

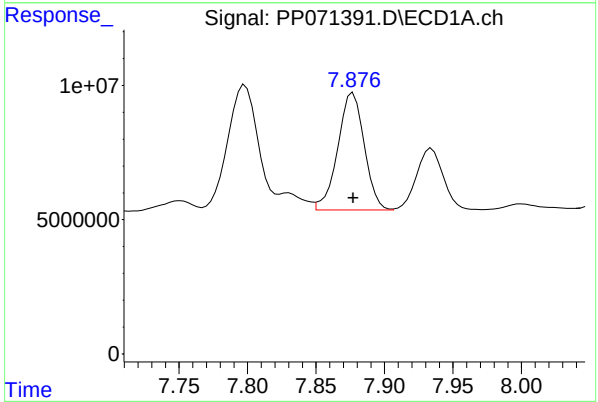
R.T.: 7.518 min
Delta R.T.: 0.000 min
Response: 73749186
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



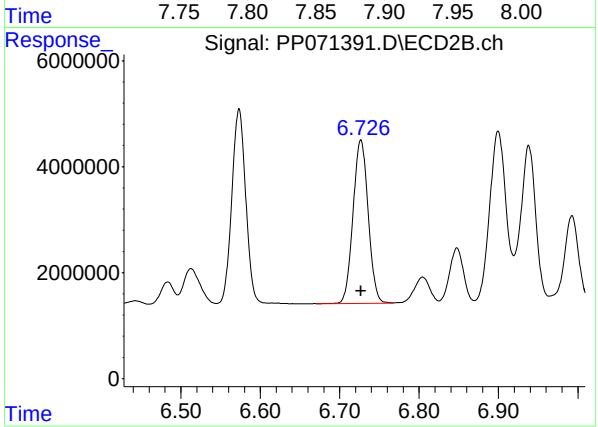
#32 AR-1260-2

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 44960859
Conc: 500.00 ng/ml



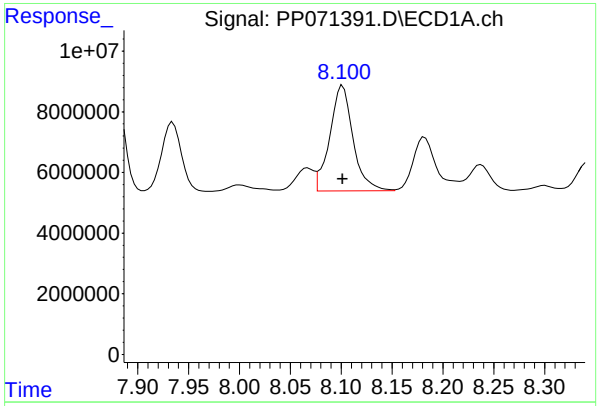
#33 AR-1260-3

R.T.: 7.877 min
Delta R.T.: 0.000 min
Response: 58851402
Conc: 500.00 ng/ml



#33 AR-1260-3

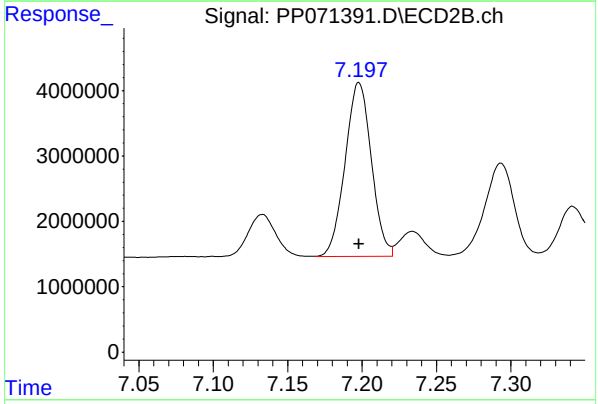
R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 40849117
Conc: 500.00 ng/ml



#34 AR-1260-4

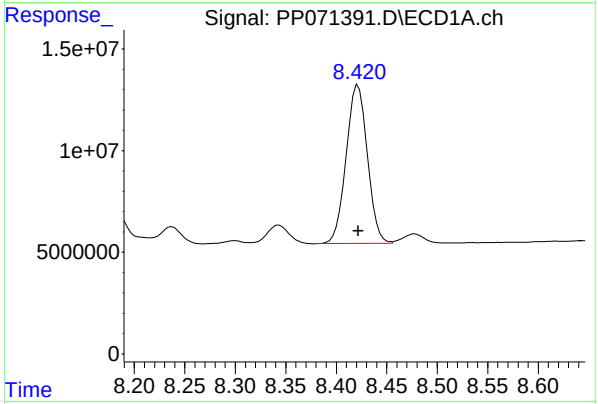
R.T.: 8.102 min
Delta R.T.: 0.000 min
Response: 55605534
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



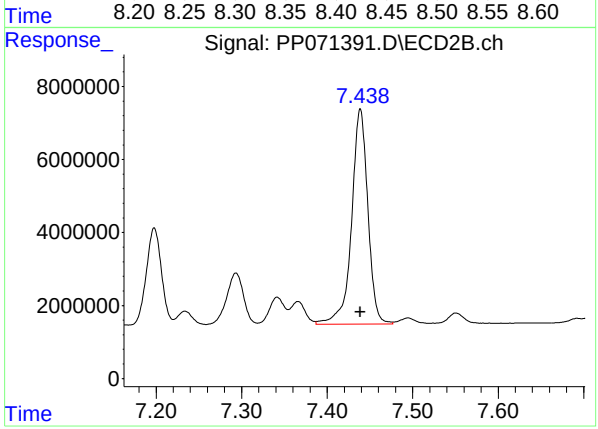
#34 AR-1260-4

R.T.: 7.198 min
Delta R.T.: 0.000 min
Response: 32665875
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 8.422 min
Delta R.T.: 0.000 min
Response: 114459839
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.439 min
Delta R.T.: 0.000 min
Response: 77921339
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071392.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 11:18
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 11:30:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 11:29:52 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.514	3.813	52508817	36208541	25.869	25.761
2)	SA	Decachlor...	10.233	8.850	38498712	23374964	25.928	26.384
	Target Compounds							
3)	L1	AR-1016-1	5.668	4.899	17782164	14045149	259.997	270.720
4)	L1	AR-1016-2	5.689	4.917	27203473	19630231	260.616	263.876
5)	L1	AR-1016-3	5.752	5.094	16462482	11270654	261.124	268.530
6)	L1	AR-1016-4	5.849	5.136	13735357	9273773	259.716	270.294
7)	L1	AR-1016-5	6.142	5.351	12722141	11586437	256.138	266.906
31)	L7	AR-1260-1	7.261	6.386	24914936	19087592	259.387	273.244
32)	L7	AR-1260-2	7.515	6.574	37471925	22873239	259.800	272.056
33)	L7	AR-1260-3	7.873	6.727	31628881	19836001	269.748	260.958
34)	L7	AR-1260-4	8.098	7.199	32815153	17020763	286.081	275.052
35)	L7	AR-1260-5	8.417	7.441	63777045	39378070	273.242	264.138

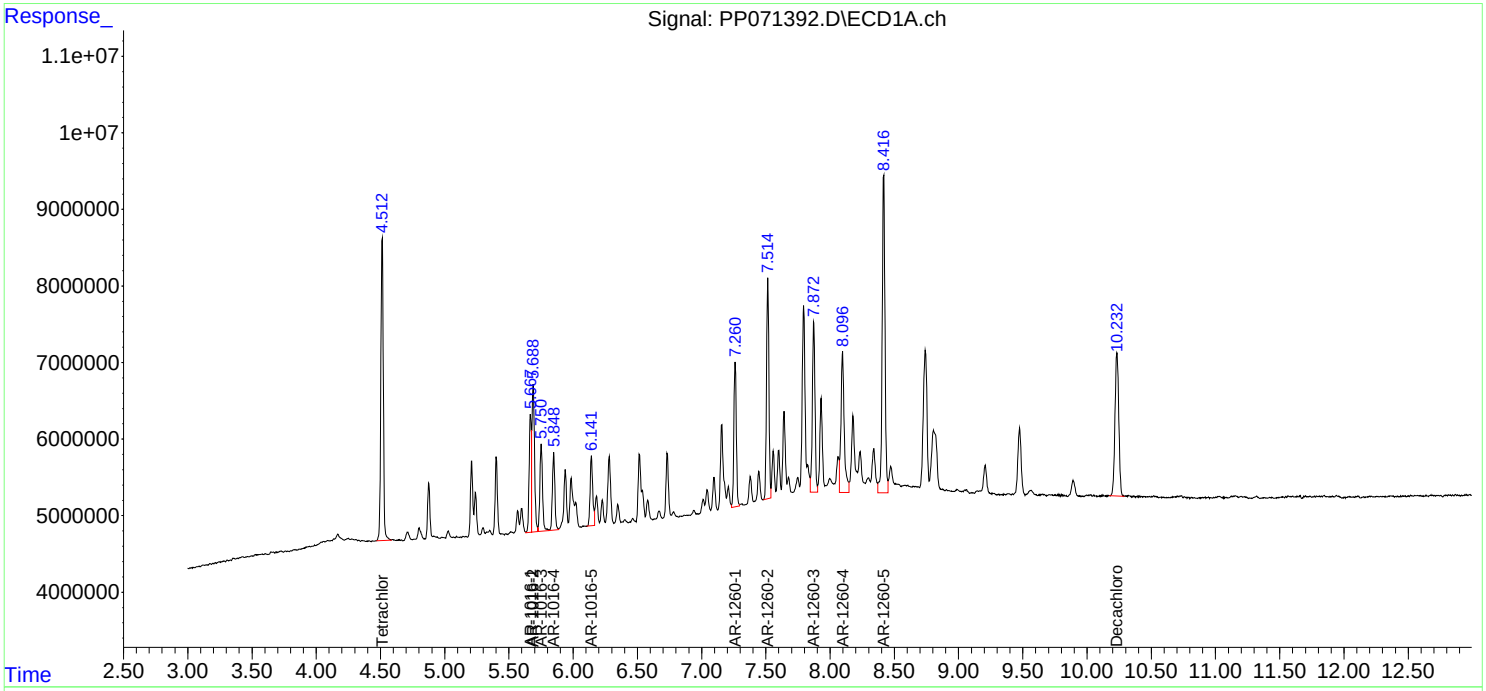
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

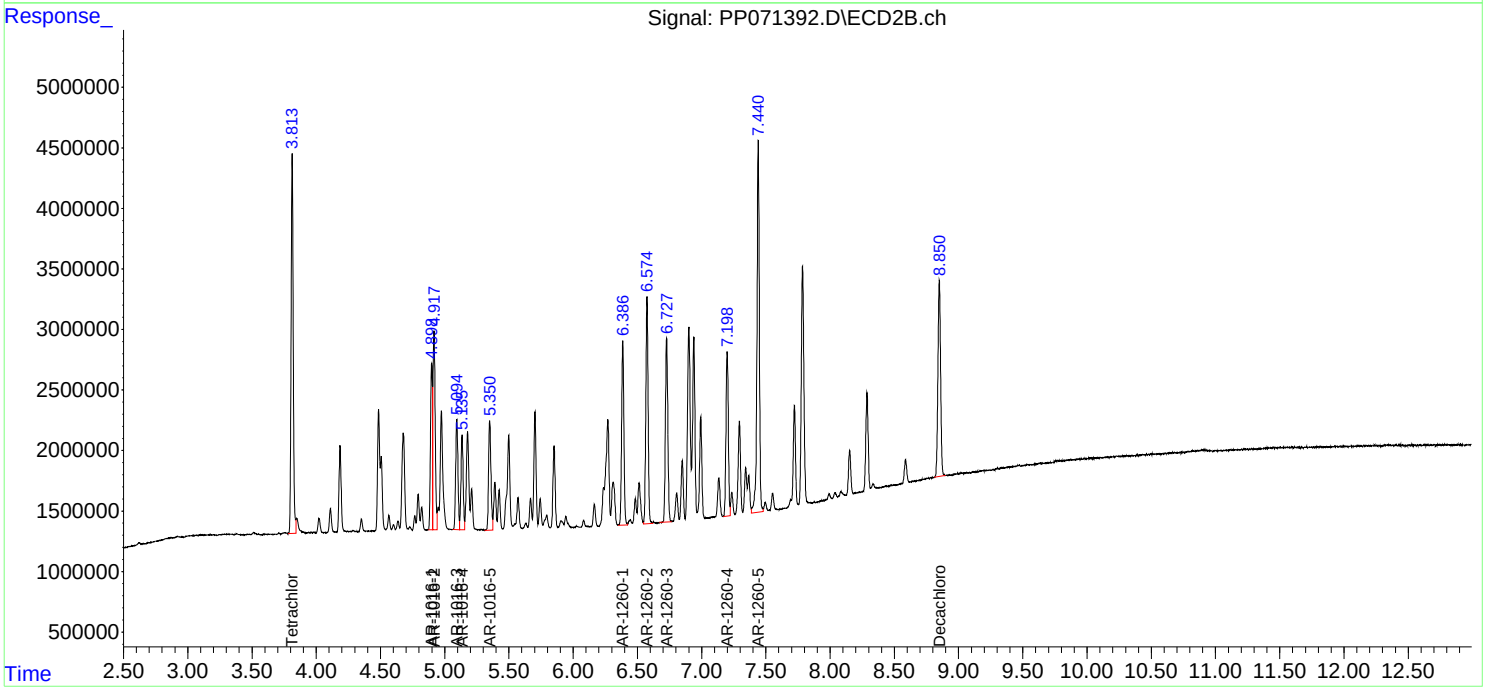
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071392.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 11:18
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

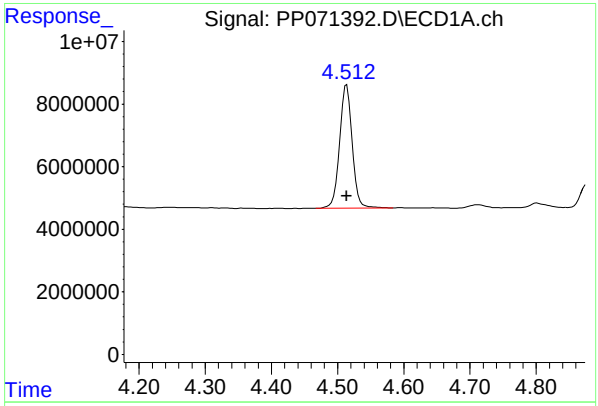
Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 11:30:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 11:29:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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



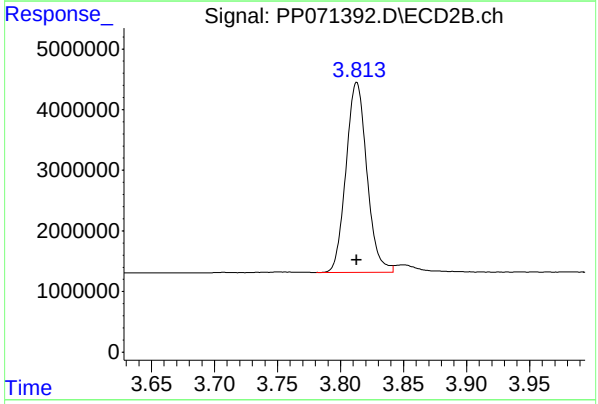




#1 Tetrachloro-m-xylene

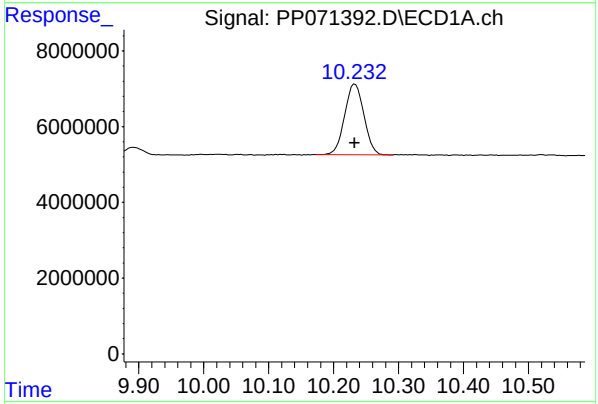
R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 52508817
Conc: 25.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



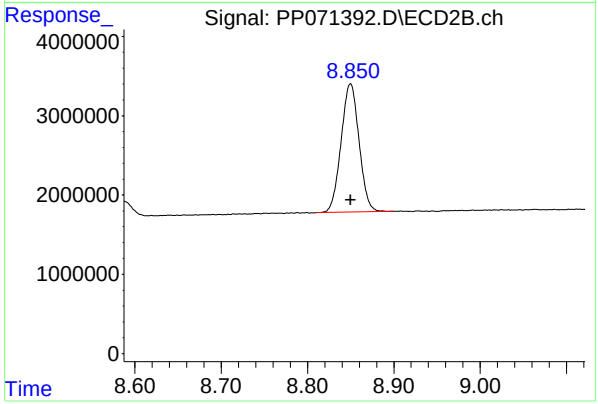
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 36208541
Conc: 25.76 ng/ml



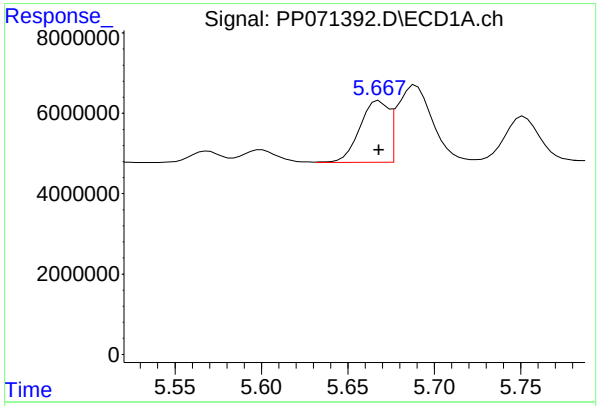
#2 Decachlorobiphenyl

R.T.: 10.233 min
Delta R.T.: 0.000 min
Response: 38498712
Conc: 25.93 ng/ml



#2 Decachlorobiphenyl

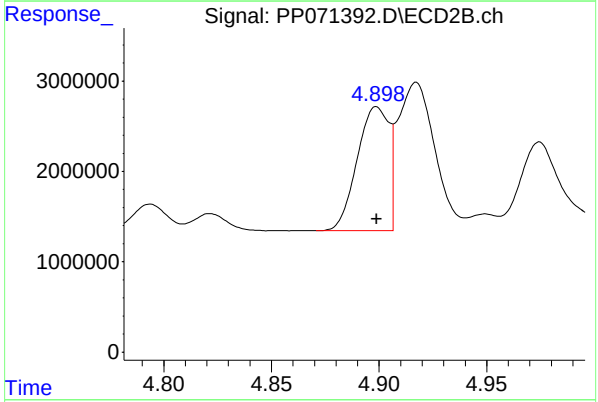
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 23374964
Conc: 26.38 ng/ml



#3 AR-1016-1

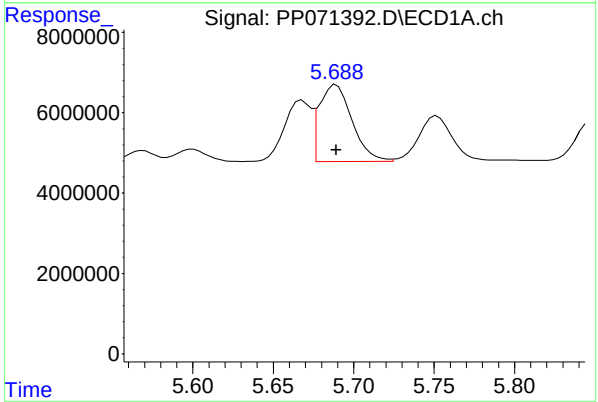
R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 17782164
Conc: 260.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



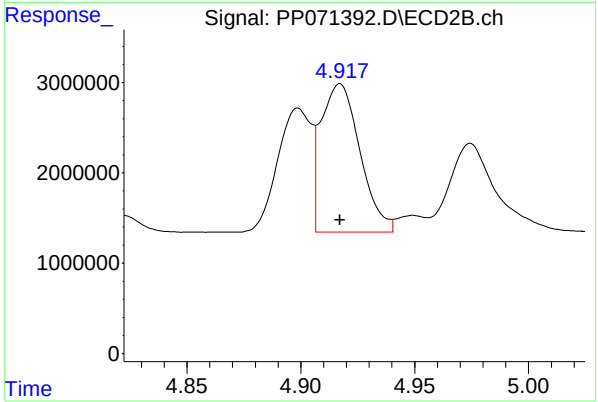
#3 AR-1016-1

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 14045149
Conc: 270.72 ng/ml



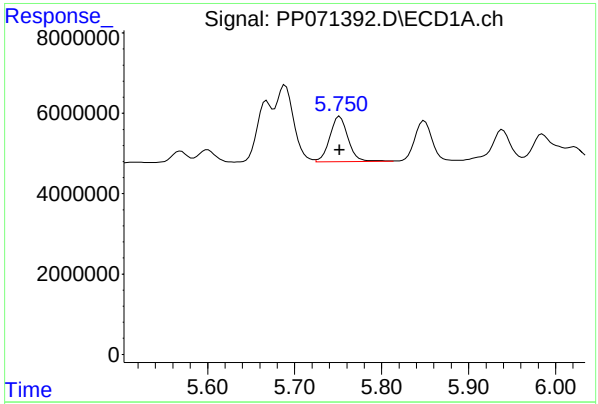
#4 AR-1016-2

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 27203473
Conc: 260.62 ng/ml



#4 AR-1016-2

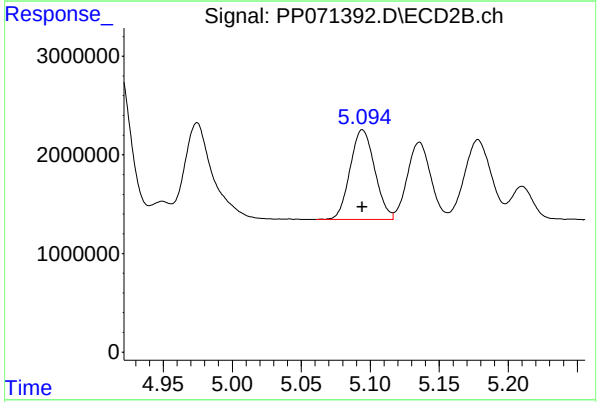
R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 19630231
Conc: 263.88 ng/ml



#5 AR-1016-3

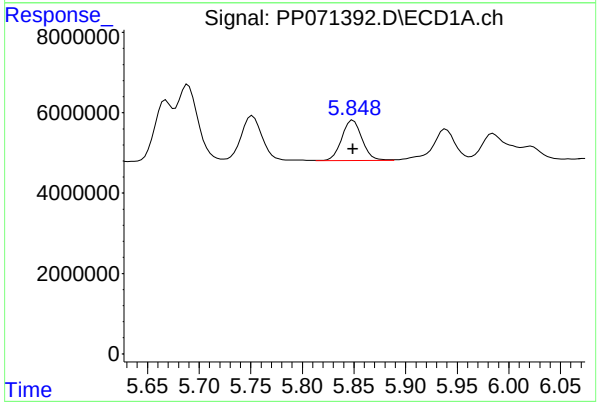
R.T.: 5.752 min
Delta R.T.: 0.000 min
Response: 16462482
Conc: 261.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



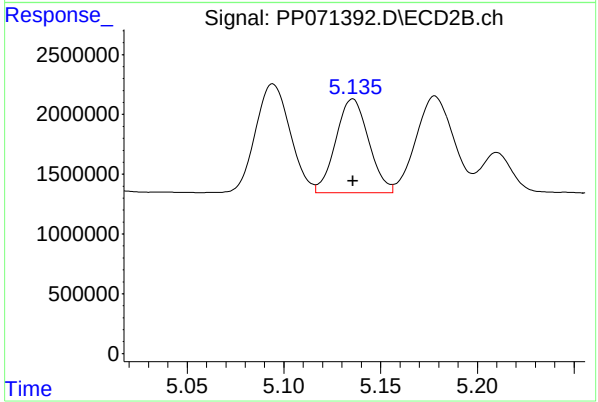
#5 AR-1016-3

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 11270654
Conc: 268.53 ng/ml



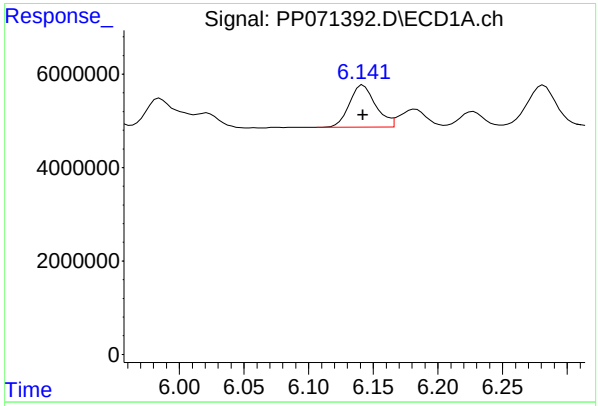
#6 AR-1016-4

R.T.: 5.849 min
Delta R.T.: 0.000 min
Response: 13735357
Conc: 259.72 ng/ml



#6 AR-1016-4

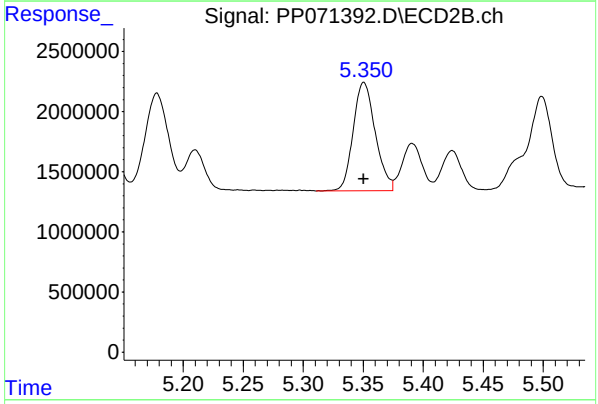
R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 9273773
Conc: 270.29 ng/ml



#7 AR-1016-5

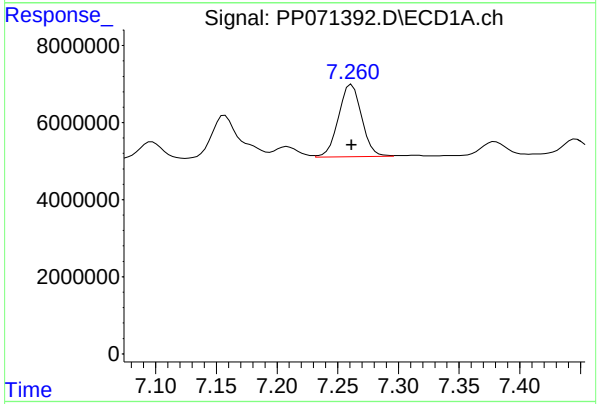
R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 12722141
Conc: 256.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



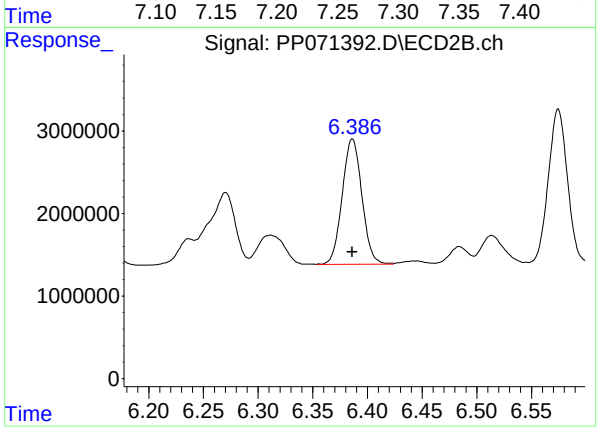
#7 AR-1016-5

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 11586437
Conc: 266.91 ng/ml



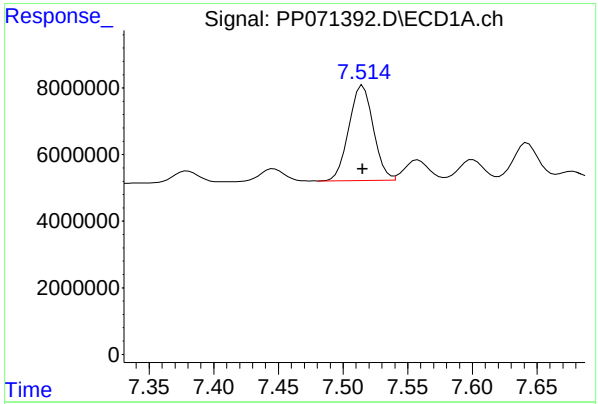
#31 AR-1260-1

R.T.: 7.261 min
Delta R.T.: 0.000 min
Response: 24914936
Conc: 259.39 ng/ml



#31 AR-1260-1

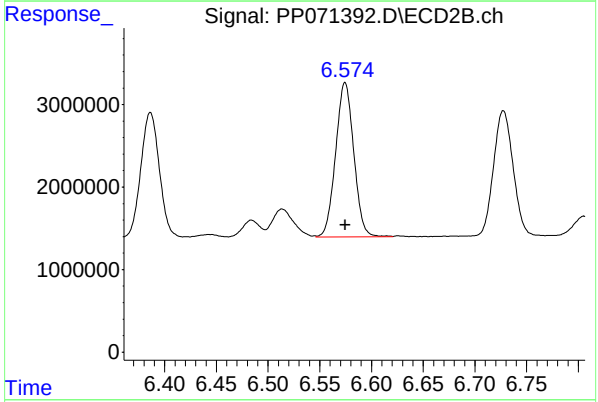
R.T.: 6.386 min
Delta R.T.: 0.000 min
Response: 19087592
Conc: 273.24 ng/ml



#32 AR-1260-2

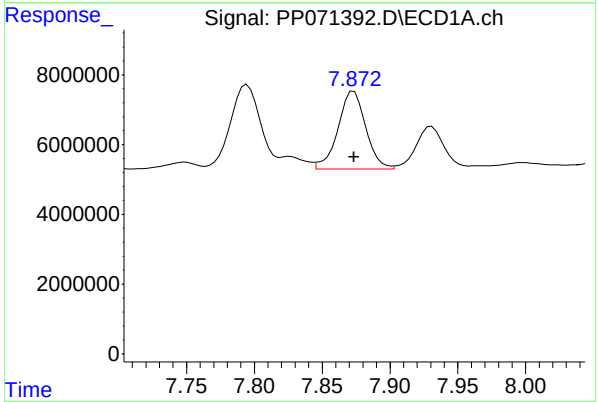
R.T.: 7.515 min
Delta R.T.: 0.000 min
Response: 37471925
Conc: 259.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



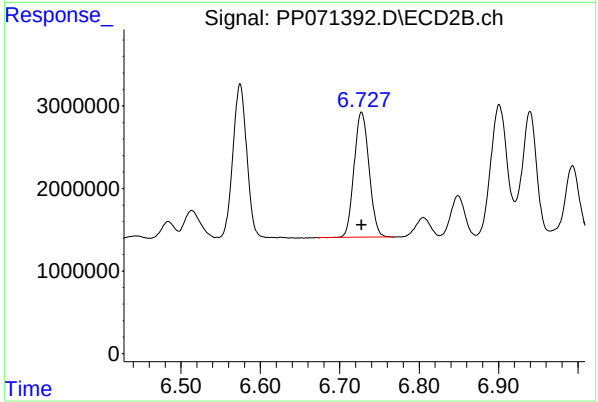
#32 AR-1260-2

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 22873239
Conc: 272.06 ng/ml



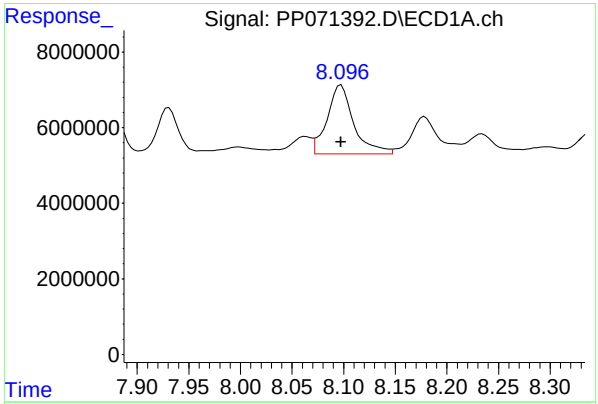
#33 AR-1260-3

R.T.: 7.873 min
Delta R.T.: 0.000 min
Response: 31628881
Conc: 269.75 ng/ml



#33 AR-1260-3

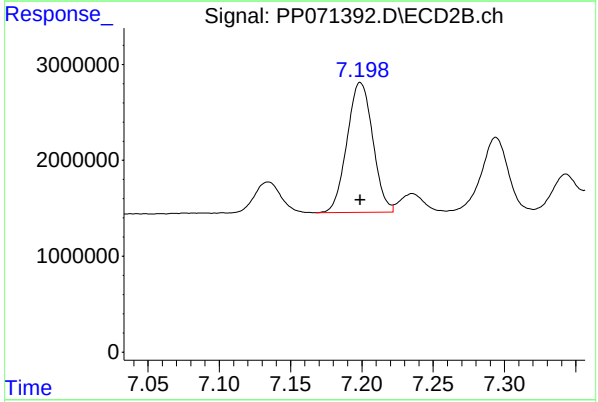
R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 19836001
Conc: 260.96 ng/ml



#34 AR-1260-4

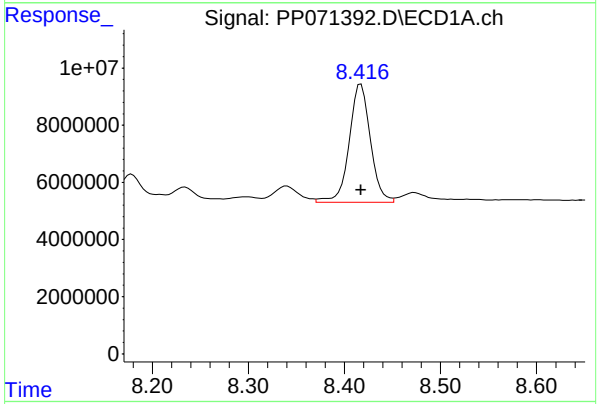
R.T.: 8.098 min
Delta R.T.: 0.000 min
Response: 32815153
Conc: 286.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



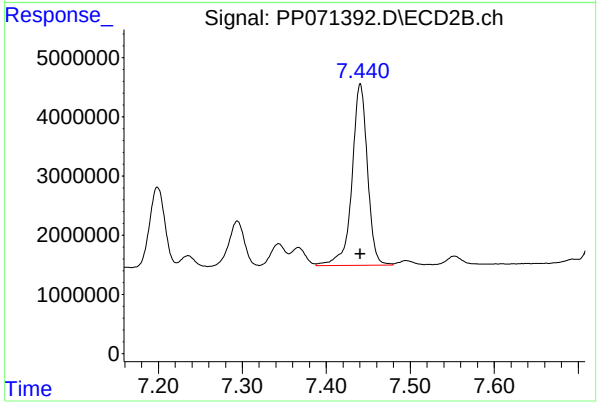
#34 AR-1260-4

R.T.: 7.199 min
Delta R.T.: 0.000 min
Response: 17020763
Conc: 275.05 ng/ml



#35 AR-1260-5

R.T.: 8.417 min
Delta R.T.: 0.000 min
Response: 63777045
Conc: 273.24 ng/ml



#35 AR-1260-5

R.T.: 7.441 min
Delta R.T.: 0.000 min
Response: 39378070
Conc: 264.14 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071393.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 11:34
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 11:47:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 11:46:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.515	3.812	8969831	7104871	4.524	5.044
2)	SA Decachlor...	10.235	8.850	6503503	4207302	4.491	4.797
	Target Compounds						
3)	L1 AR-1016-1	5.669	4.898	3083717	3007251	45.991	56.175
4)	L1 AR-1016-2	5.691	4.916	4780792	4212537	46.584	55.164
5)	L1 AR-1016-3	5.753	5.094	2802822	2158254	45.466	51.131
6)	L1 AR-1016-4	5.851	5.135	2247335	1759505	43.809	51.021
7)	L1 AR-1016-5	6.144	5.349	2125784	2429782	44.068	54.667
31)	L7 AR-1260-1	7.262	6.384	4795547	4103726	49.941	56.760
32)	L7 AR-1260-2	7.516	6.573	6922549	5050265	48.383	57.743
33)	L7 AR-1260-3	7.875	6.726	4575293	4394430	40.810m	56.060 #
34)	L7 AR-1260-4	8.098	7.197	5275083	3401257	46.807m	53.894
35)	L7 AR-1260-5	8.417	7.439	9961562	7878032	43.897m	52.249

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

ICAL Form

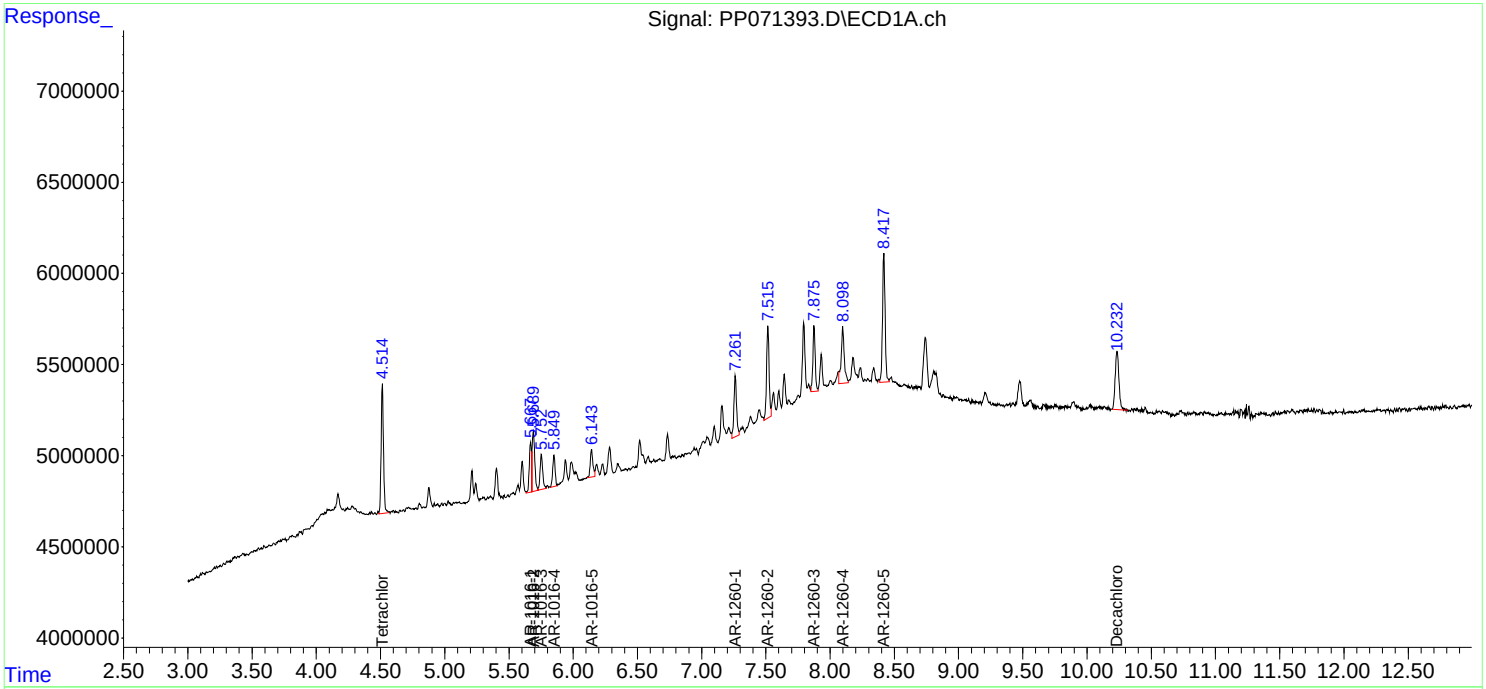
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071393.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 11:34
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

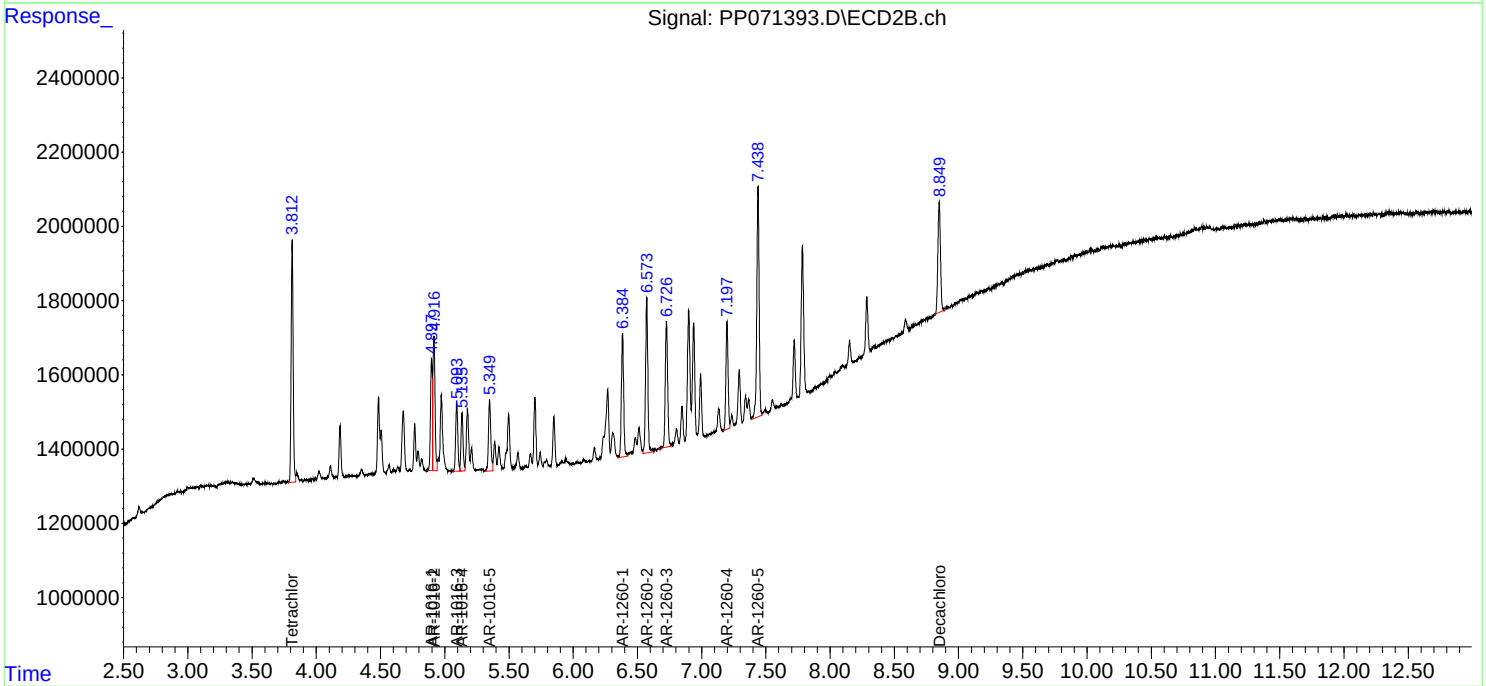
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

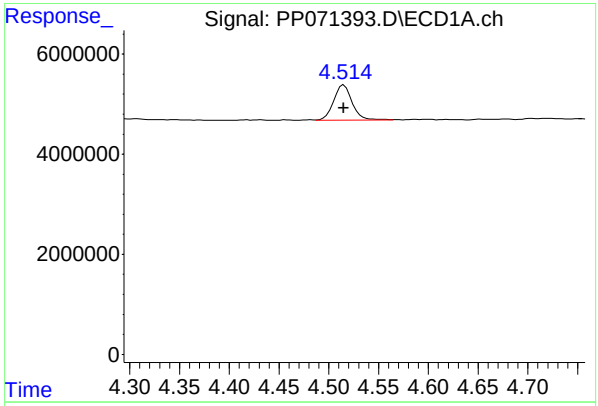
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 11:47:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 11:46:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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







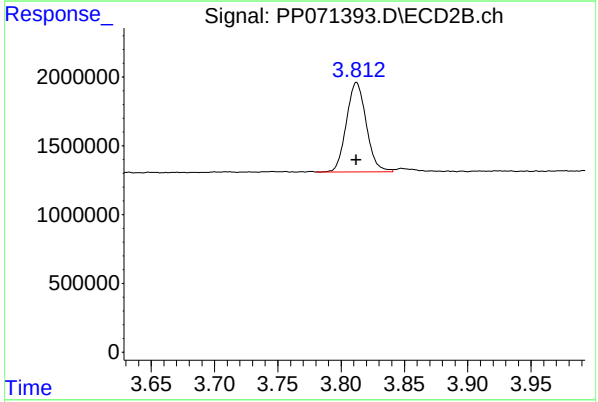
#1 Tetrachloro-m-xylene

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 8969831
Conc: 4.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

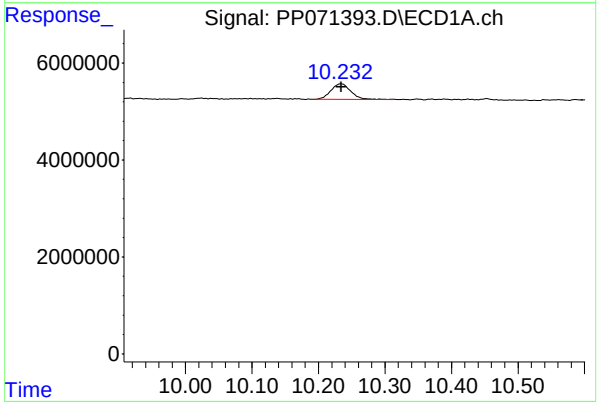
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



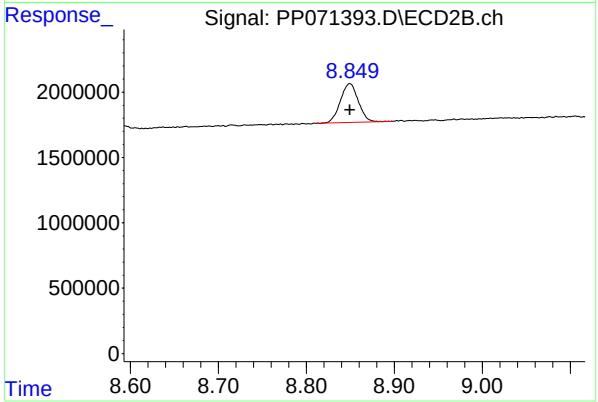
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 7104871
Conc: 5.04 ng/ml



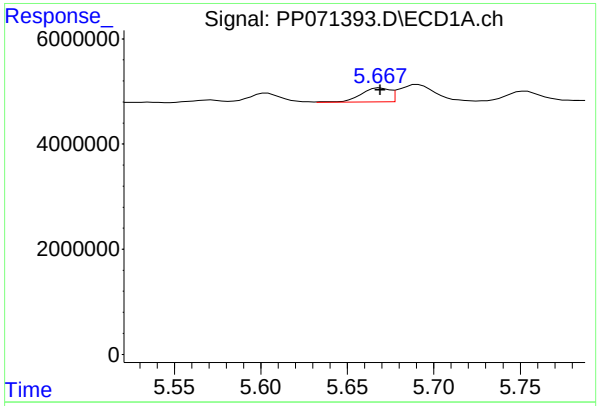
#2 Decachlorobiphenyl

R.T.: 10.235 min
Delta R.T.: 0.000 min
Response: 6503503
Conc: 4.49 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 4207302
Conc: 4.80 ng/ml



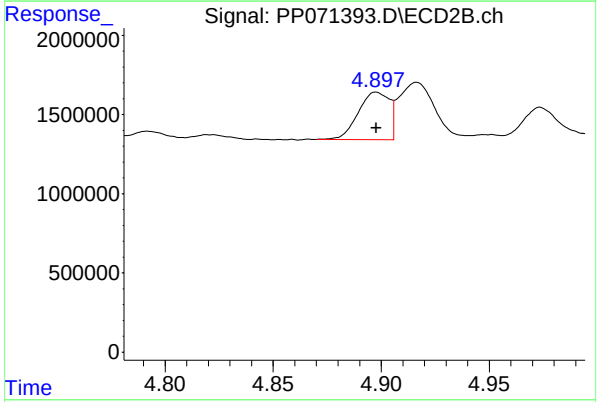
#3 AR-1016-1

R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 3083717
Conc: 45.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

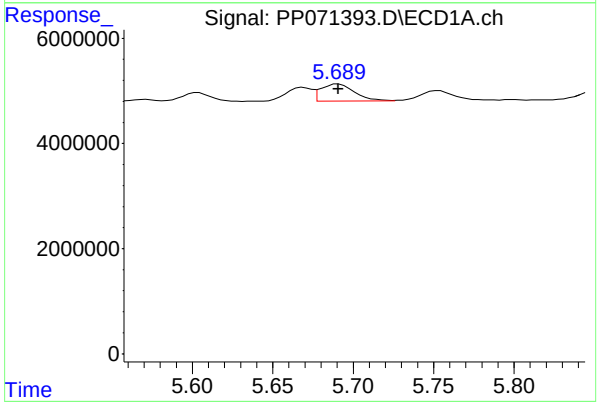
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



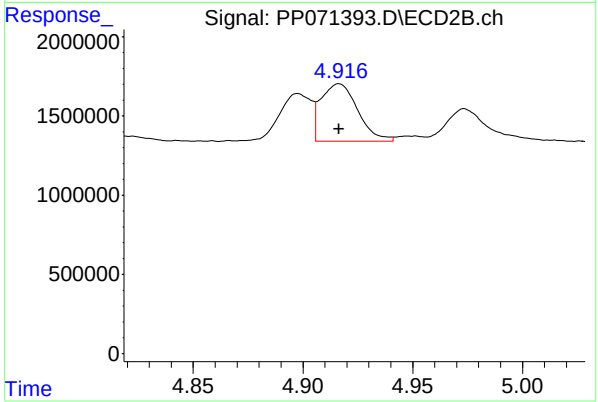
#3 AR-1016-1

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 3007251
Conc: 56.18 ng/ml



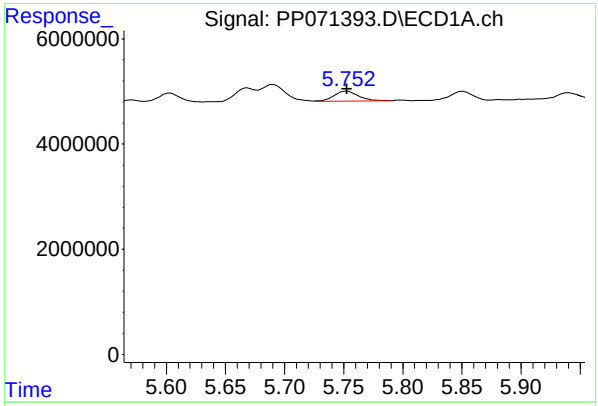
#4 AR-1016-2

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 4780792
Conc: 46.58 ng/ml



#4 AR-1016-2

R.T.: 4.916 min
Delta R.T.: 0.000 min
Response: 4212537
Conc: 55.16 ng/ml



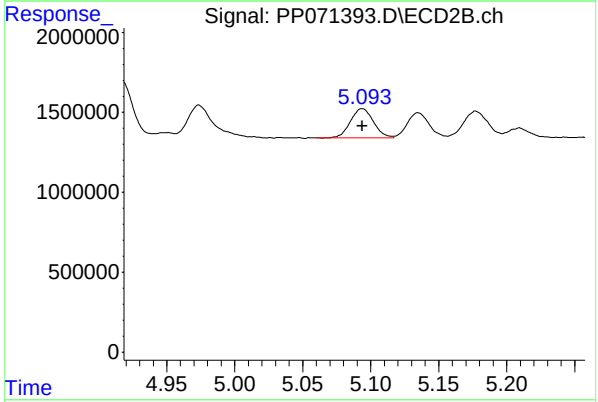
#5 AR-1016-3

R.T.: 5.753 min
Delta R.T.: 0.000 min
Response: 2802822
Conc: 45.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

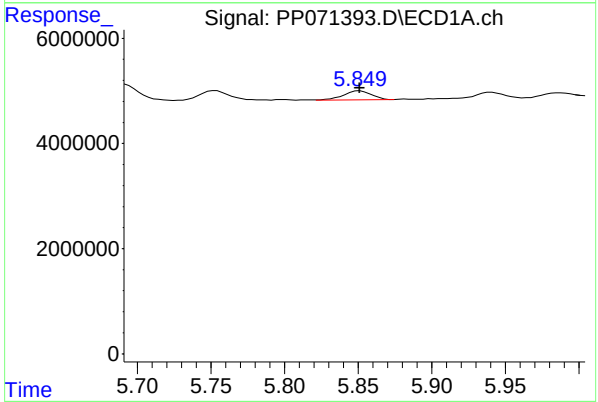
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



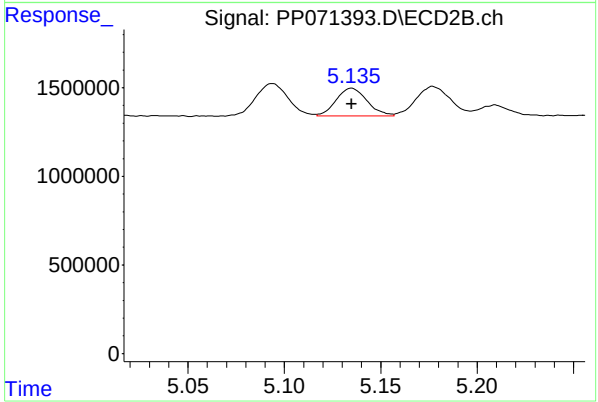
#5 AR-1016-3

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 2158254
Conc: 51.13 ng/ml



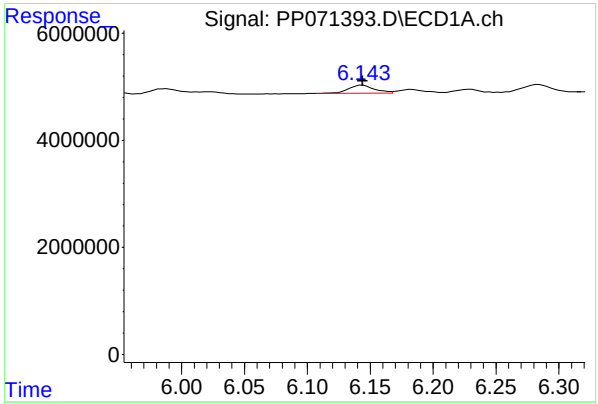
#6 AR-1016-4

R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 2247335
Conc: 43.81 ng/ml



#6 AR-1016-4

R.T.: 5.135 min
Delta R.T.: 0.000 min
Response: 1759505
Conc: 51.02 ng/ml



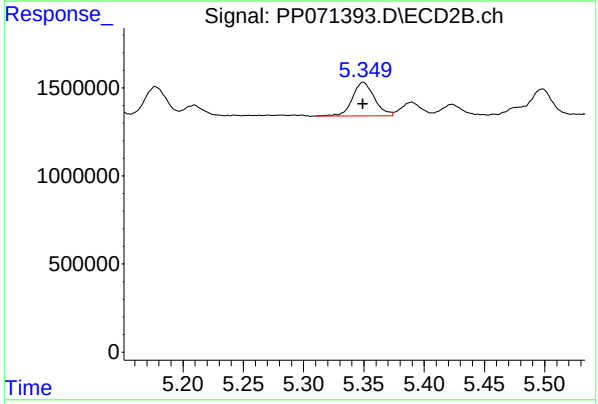
#7 AR-1016-5

R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 2125784
Conc: 44.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

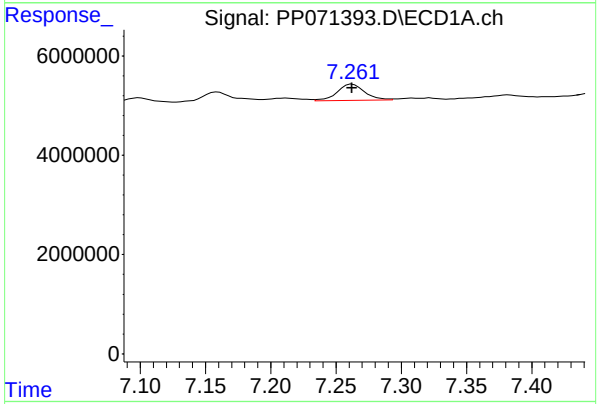
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



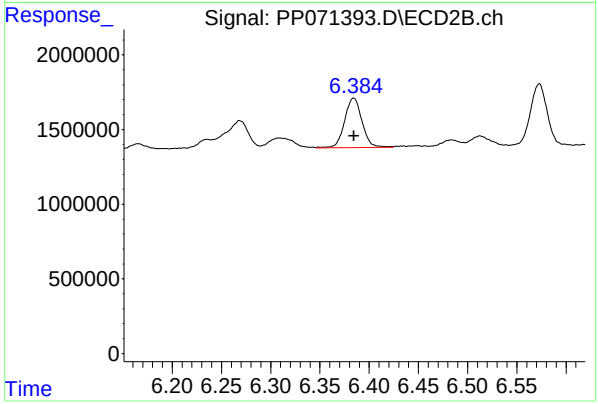
#7 AR-1016-5

R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 2429782
Conc: 54.67 ng/ml



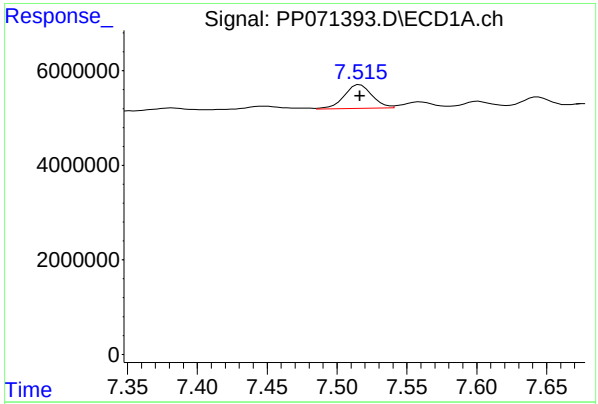
#31 AR-1260-1

R.T.: 7.262 min
Delta R.T.: 0.000 min
Response: 4795547
Conc: 49.94 ng/ml



#31 AR-1260-1

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 4103726
Conc: 56.76 ng/ml



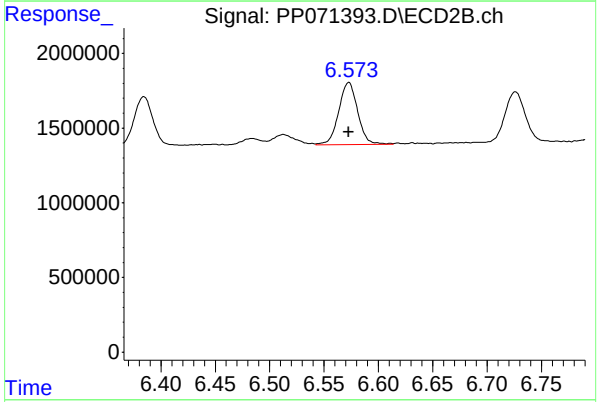
#32 AR-1260-2

R.T.: 7.516 min
Delta R.T.: 0.000 mi
Response: 6922549
Conc: 48.38 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

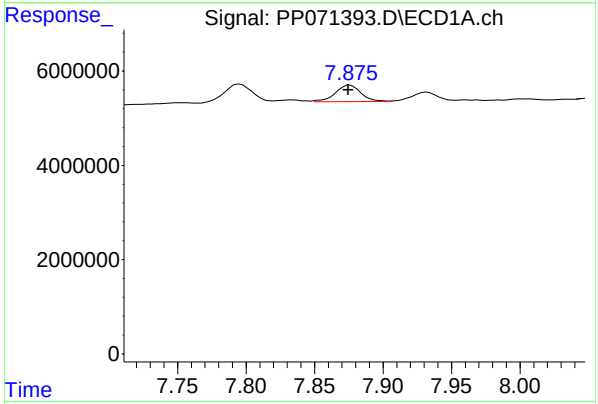
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



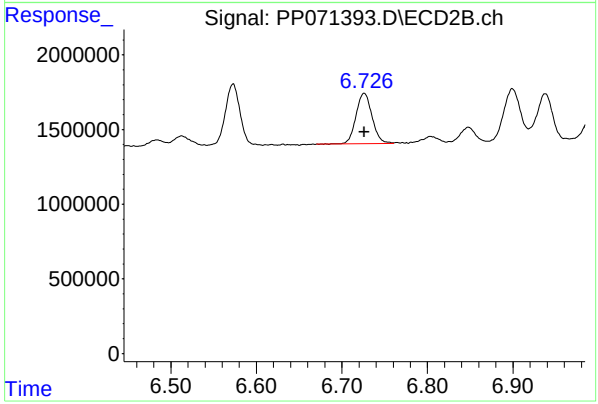
#32 AR-1260-2

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 5050265
Conc: 57.74 ng/ml



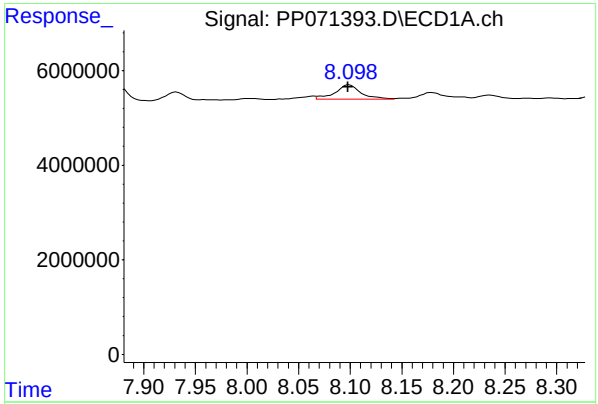
#33 AR-1260-3

R.T.: 7.875 min
Delta R.T.: 0.000 min
Response: 4575293
Conc: 40.81 ng/ml m



#33 AR-1260-3

R.T.: 6.726 min
Delta R.T.: 0.000 min
Response: 4394430
Conc: 56.06 ng/ml



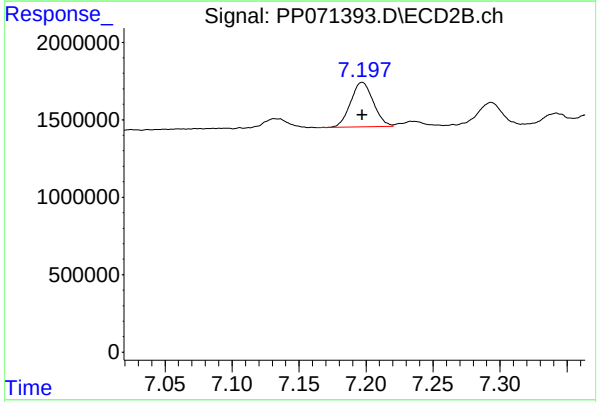
#34 AR-1260-4

R.T.: 8.098 min
Delta R.T.: 0.000 min
Response: 5275083
Conc: 46.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

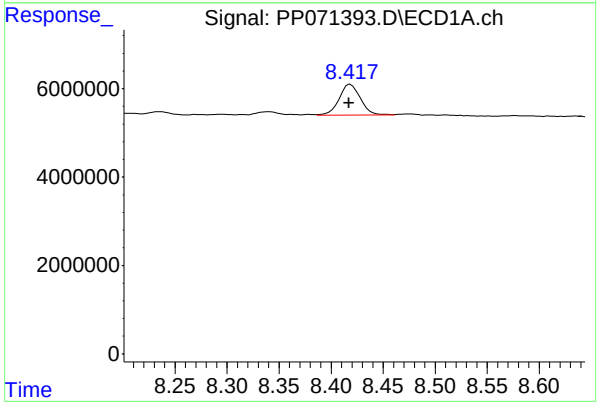
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



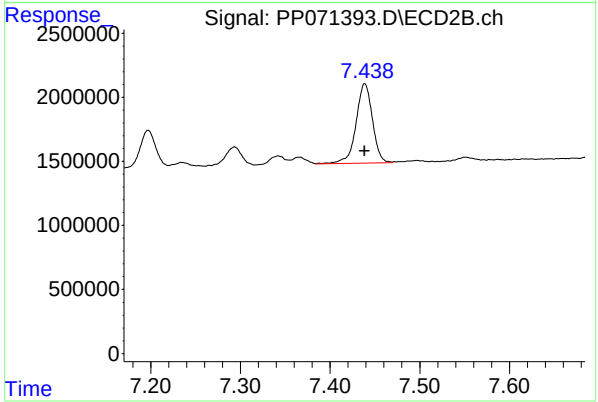
#34 AR-1260-4

R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 3401257
Conc: 53.89 ng/ml



#35 AR-1260-5

R.T.: 8.417 min
Delta R.T.: 0.000 min
Response: 9961562
Conc: 43.90 ng/ml m



#35 AR-1260-5

R.T.: 7.439 min
Delta R.T.: 0.000 min
Response: 7878032
Conc: 52.25 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071394.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 11:51
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 12:26:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 12:26:37 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.513	3.812	102.0E6	70886063	50.000	50.000
2)	SA Decachlor...	10.233	8.849	73129811	43684216	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	4.715	4.022	12058427	10997465	500.000	500.000
9)	L2 AR-1221-2	4.800	4.109	9008471	8280856	500.000	500.000
10)	L2 AR-1221-3	4.876	4.185	28305615	24238496	500.000	500.000

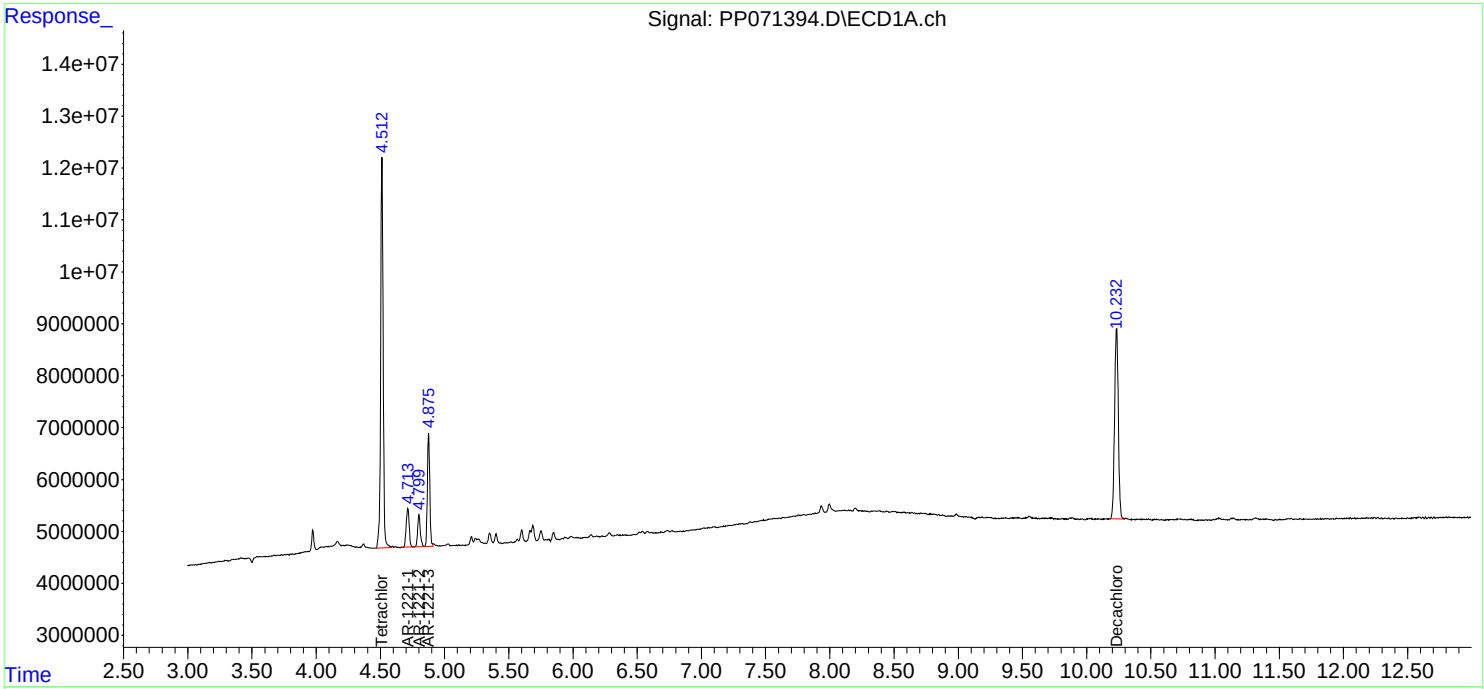
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

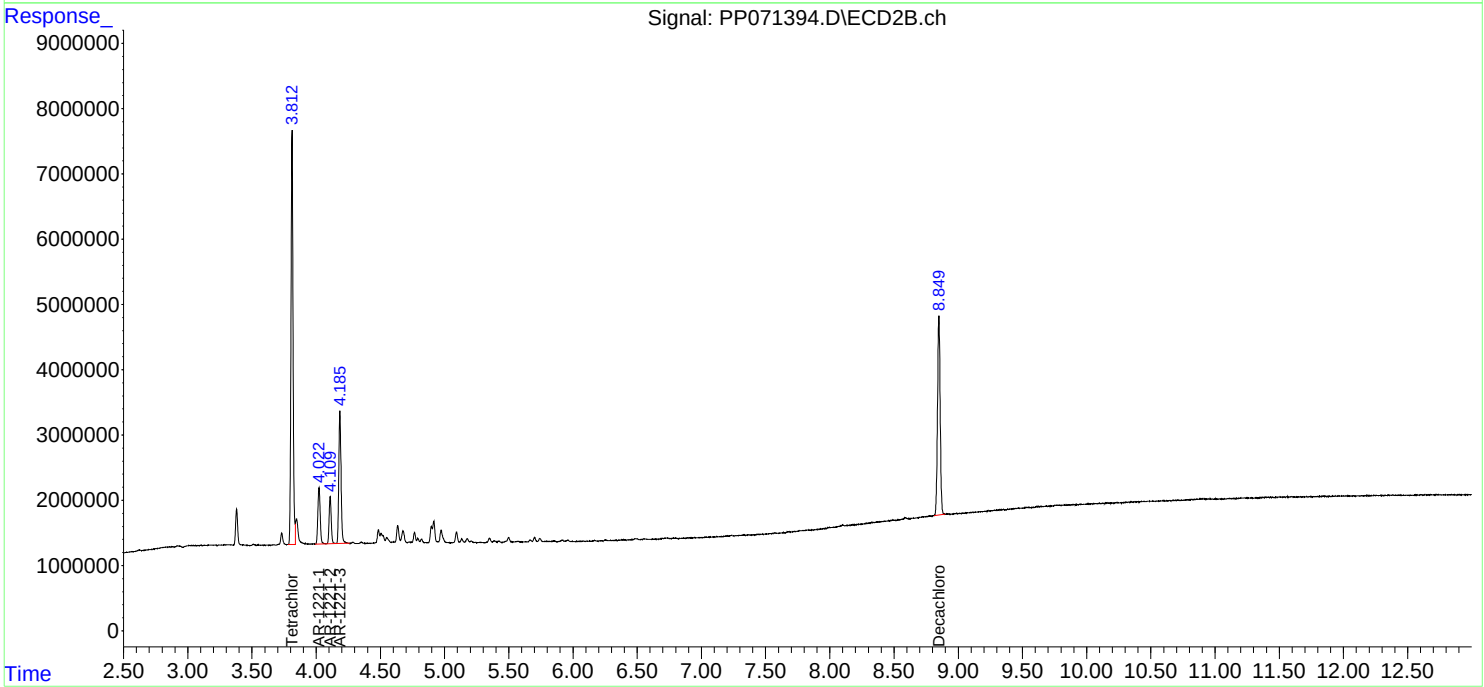
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071394.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 11:51
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

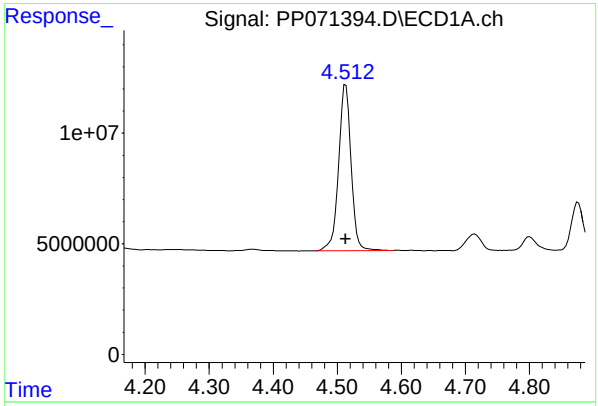
Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 12:26:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 12:26:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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



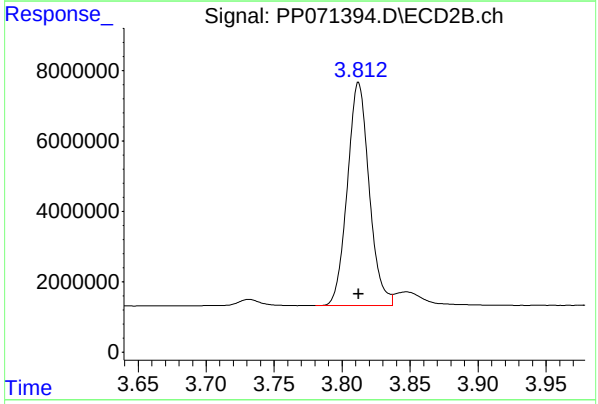




#1 Tetrachloro-m-xylene

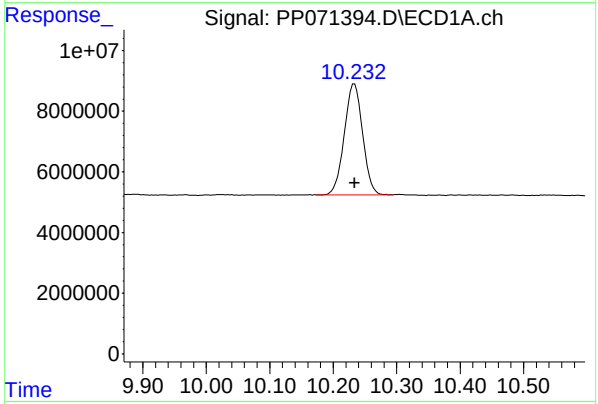
R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 101953072
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



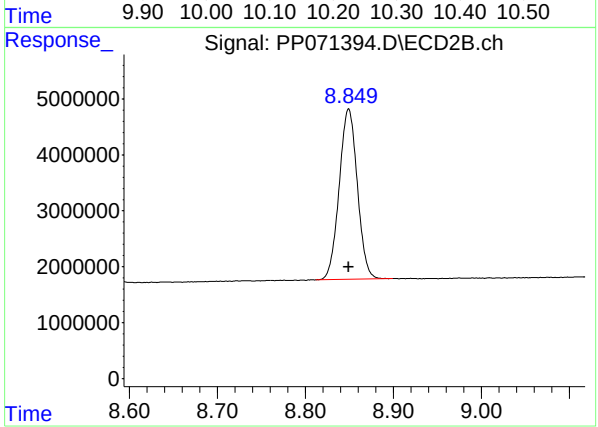
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 70886063
Conc: 50.00 ng/ml



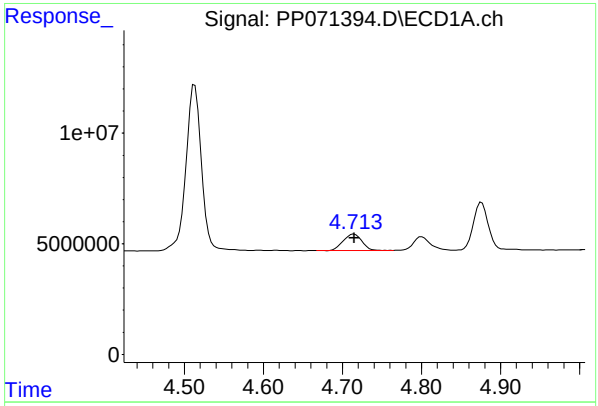
#2 Decachlorobiphenyl

R.T.: 10.233 min
Delta R.T.: 0.000 min
Response: 73129811
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

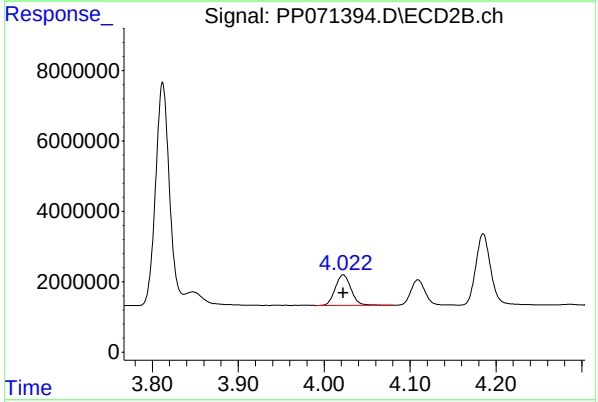
R.T.: 8.849 min
Delta R.T.: 0.000 min
Response: 43684216
Conc: 50.00 ng/ml



#8 AR-1221-1

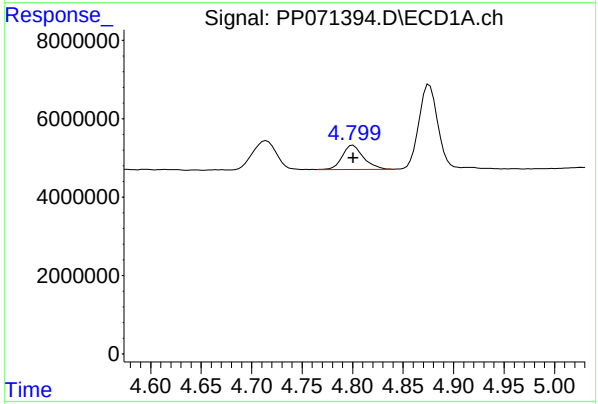
R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 12058427
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



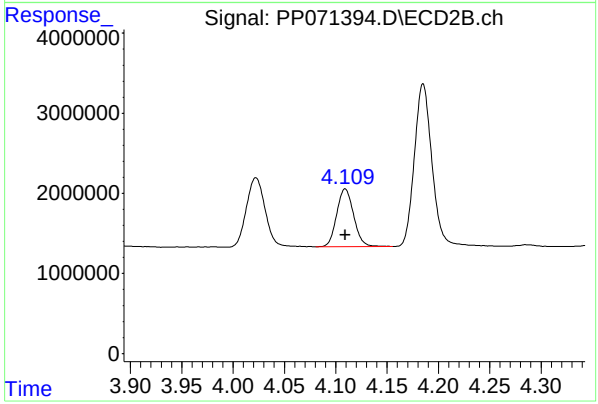
#8 AR-1221-1

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 10997465
Conc: 500.00 ng/ml



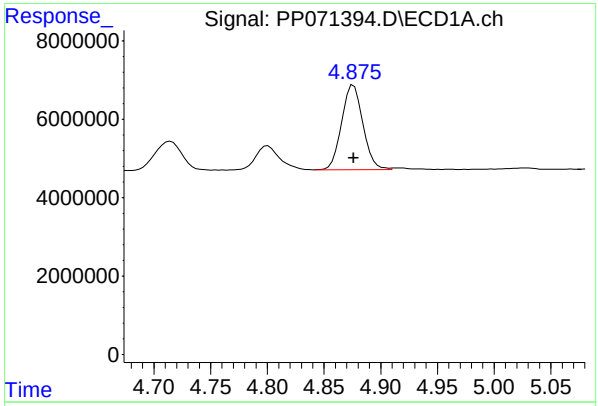
#9 AR-1221-2

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 9008471
Conc: 500.00 ng/ml



#9 AR-1221-2

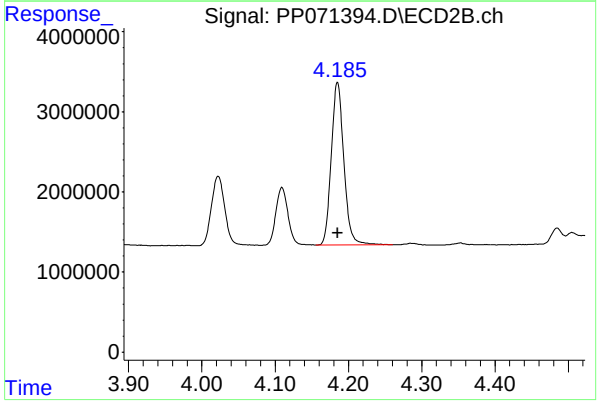
R.T.: 4.109 min
Delta R.T.: 0.000 min
Response: 8280856
Conc: 500.00 ng/ml



#10 AR-1221-3

R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 28305615
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



#10 AR-1221-3

R.T.: 4.185 min
Delta R.T.: 0.000 min
Response: 24238496
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071395.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 12:07
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 12:29:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 12:26:37 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.515	3.813	97587735	67524433	50.000	50.000
2)	SA Decachlor...	10.233	8.851	71248479	42941843	50.000	50.000
	Target Compounds						
11)	L3 AR-1232-1	4.878	4.186	22456038	19158895	500.000	500.000
12)	L3 AR-1232-2	5.403	4.917	11506547	19093695	500.000	500.000
13)	L3 AR-1232-3	5.690	5.094	23608778	10587643	500.000	500.000
14)	L3 AR-1232-4	5.850	5.178	11589674	9270206	500.000	500.000
15)	L3 AR-1232-5	5.940	5.351	8072861	9950926	500.000	500.000

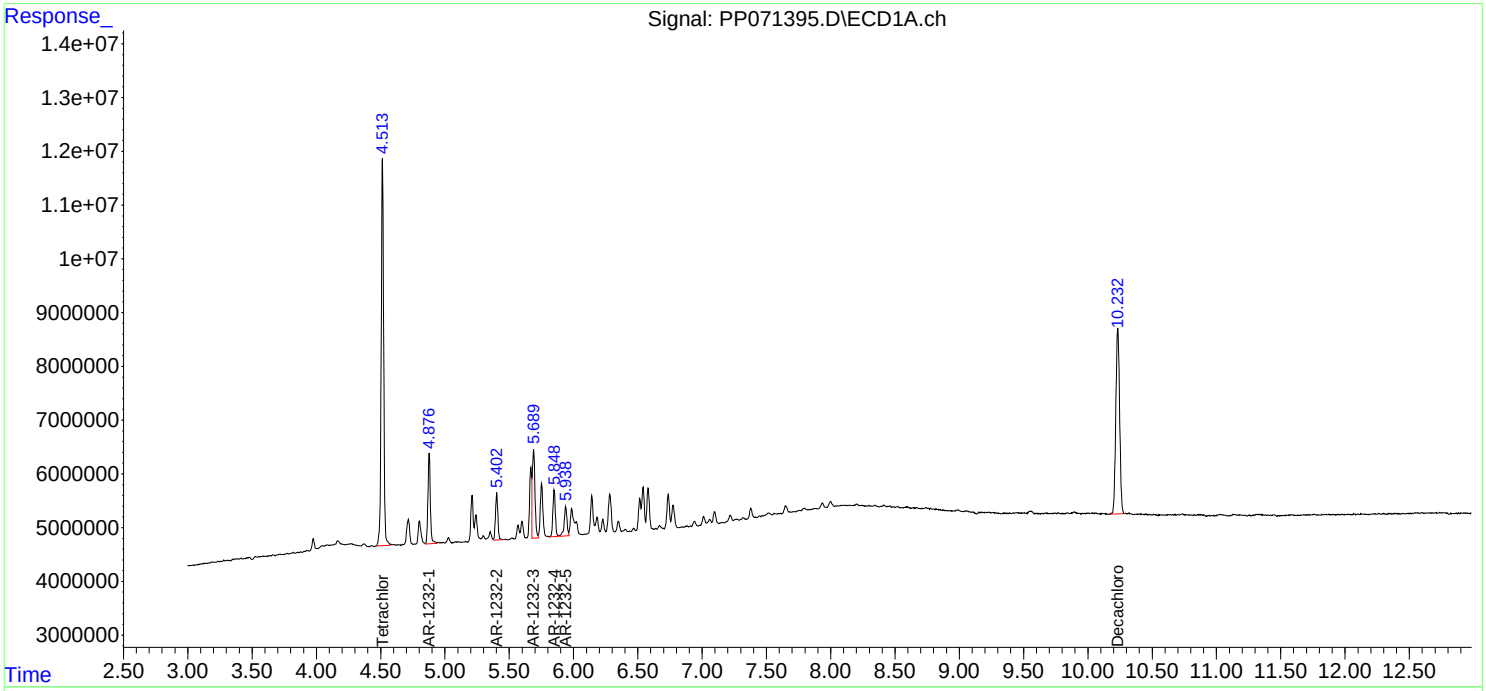
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

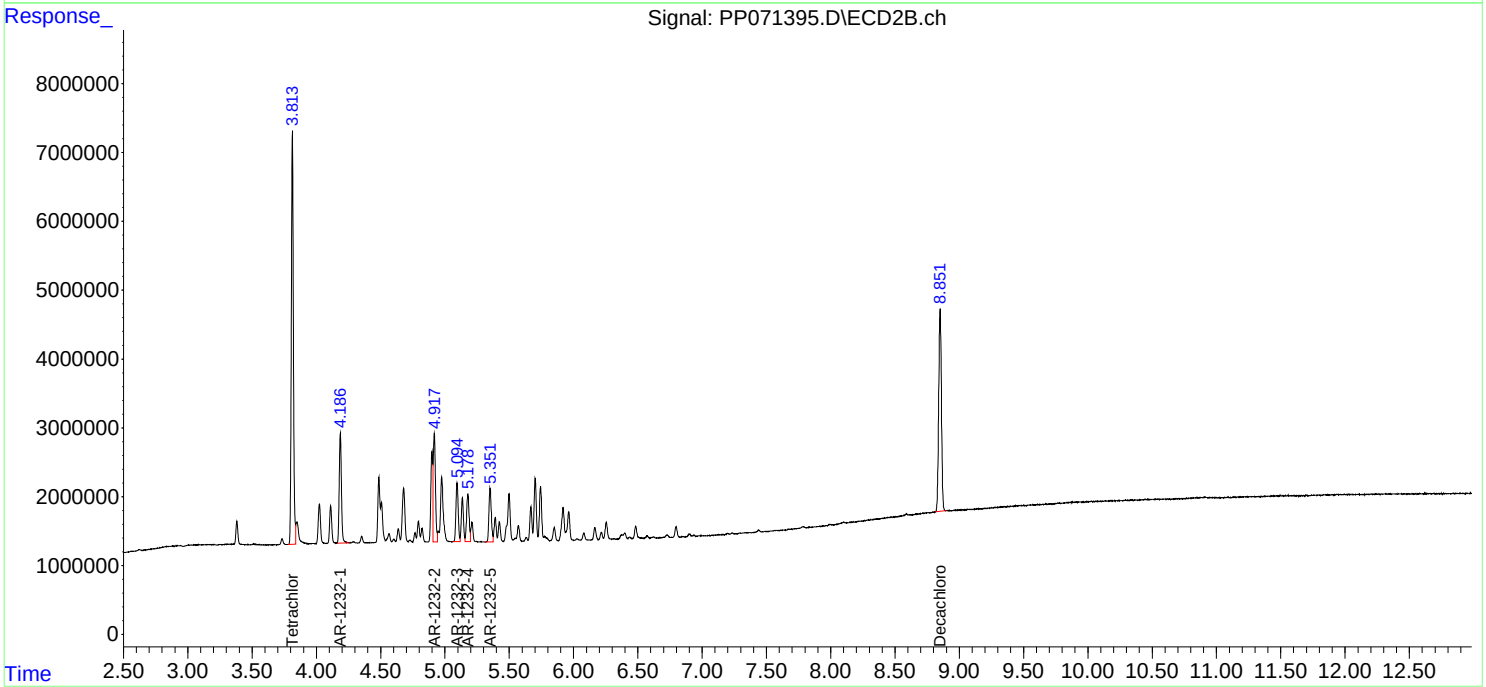
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071395.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 12:07
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

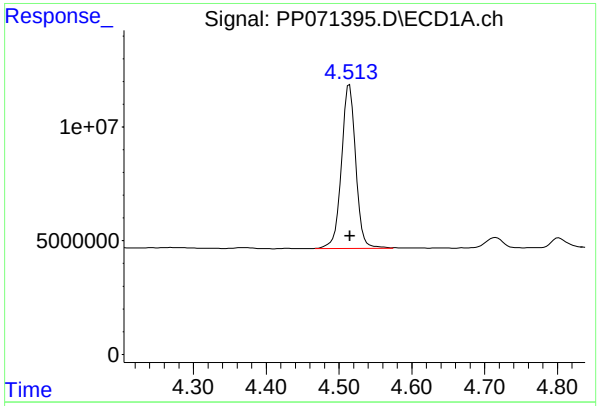
Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 12:29:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 12:26:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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



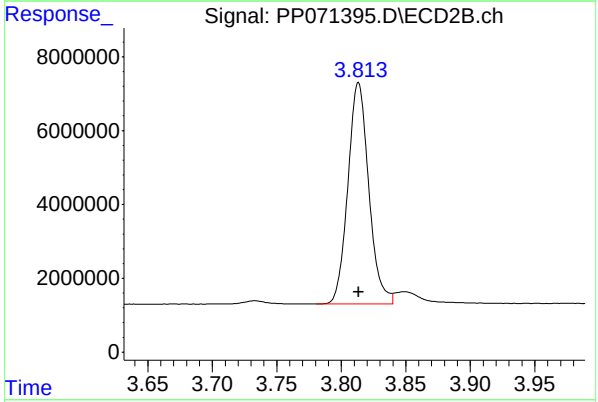




#1 Tetrachloro-m-xylene

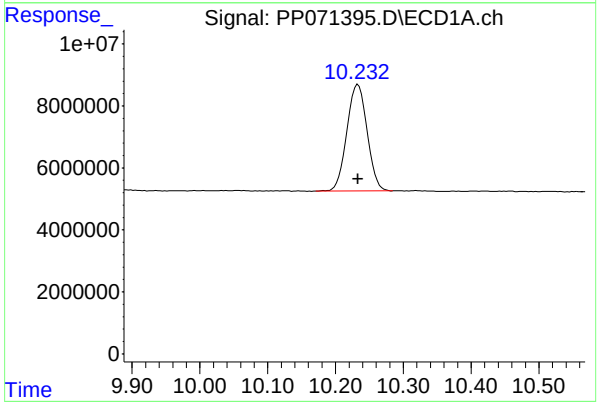
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 97587735
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



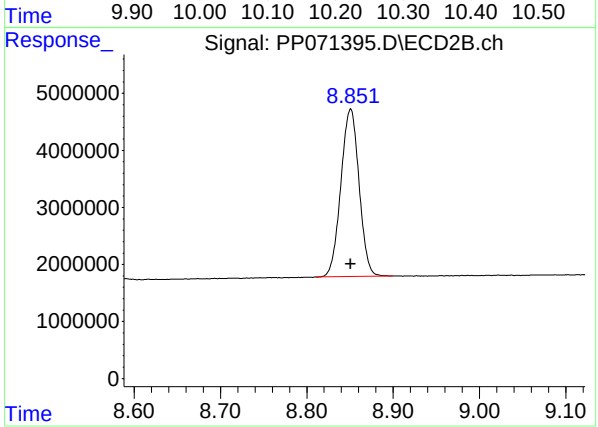
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 67524433
Conc: 50.00 ng/ml



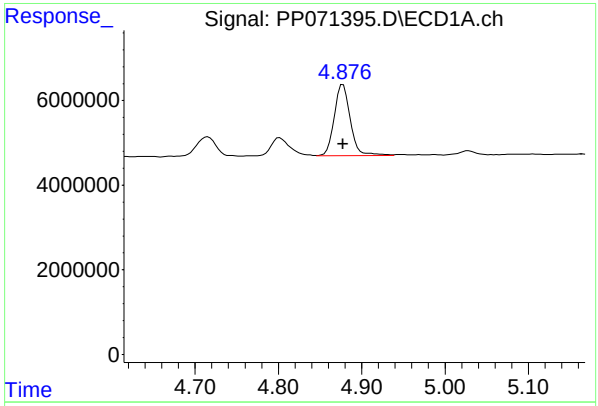
#2 Decachlorobiphenyl

R.T.: 10.233 min
Delta R.T.: 0.000 min
Response: 71248479
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

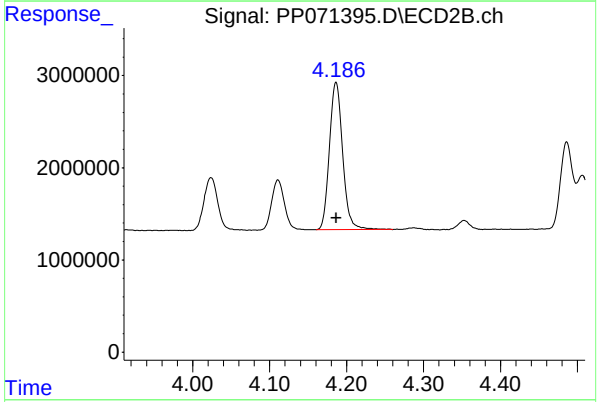
R.T.: 8.851 min
Delta R.T.: 0.000 min
Response: 42941843
Conc: 50.00 ng/ml



#11 AR-1232-1

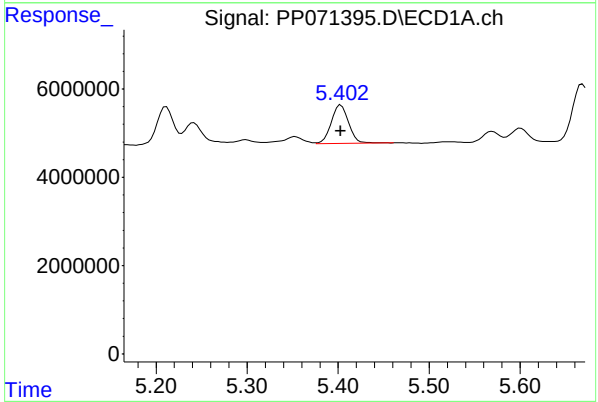
R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 22456038
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



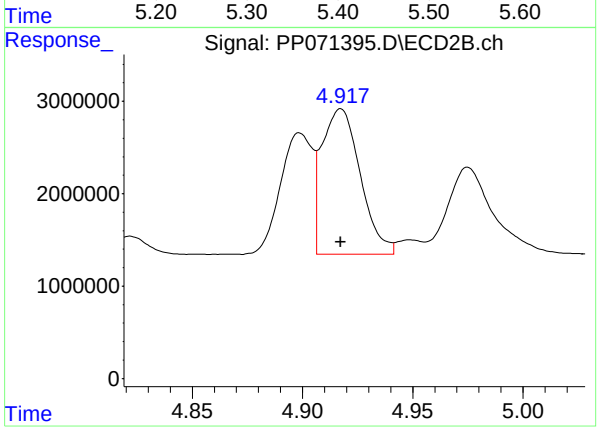
#11 AR-1232-1

R.T.: 4.186 min
Delta R.T.: 0.000 min
Response: 19158895
Conc: 500.00 ng/ml



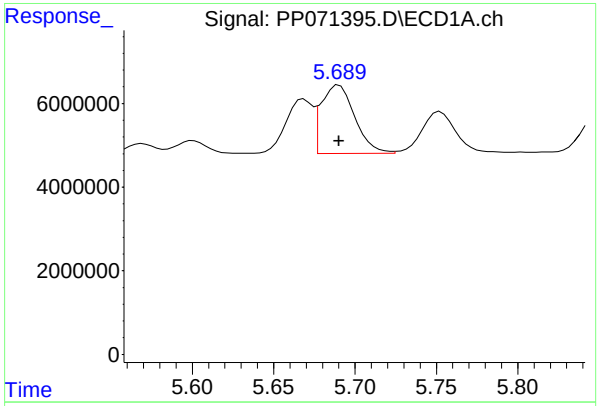
#12 AR-1232-2

R.T.: 5.403 min
Delta R.T.: 0.000 min
Response: 11506547
Conc: 500.00 ng/ml



#12 AR-1232-2

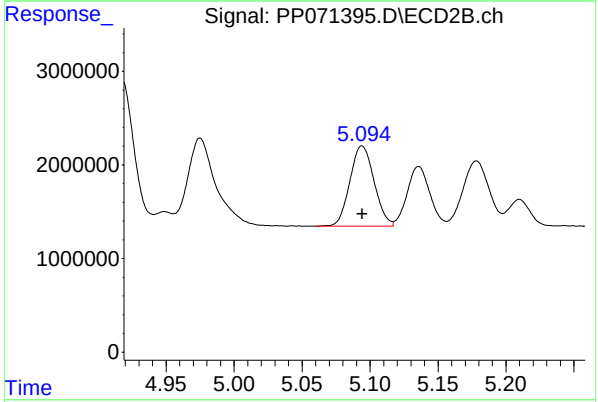
R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 19093695
Conc: 500.00 ng/ml



#13 AR-1232-3

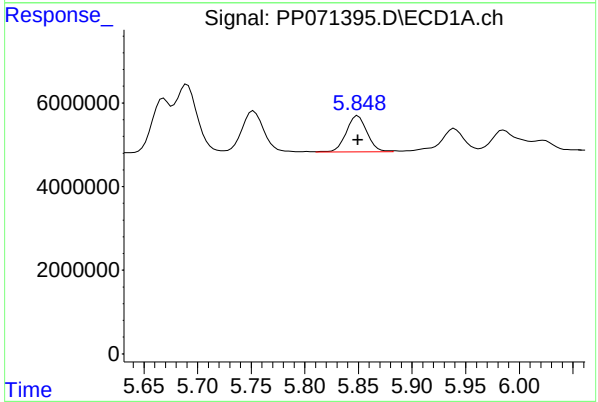
R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 23608778
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



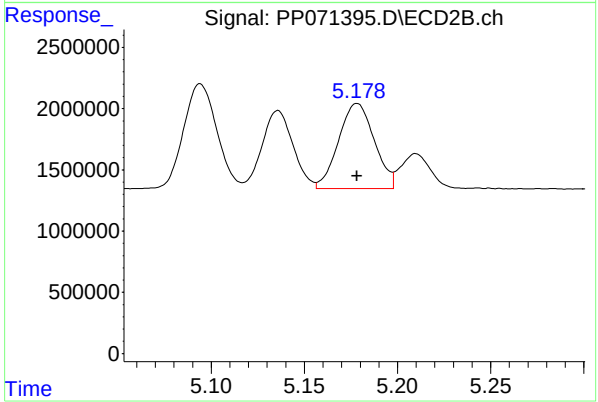
#13 AR-1232-3

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 10587643
Conc: 500.00 ng/ml



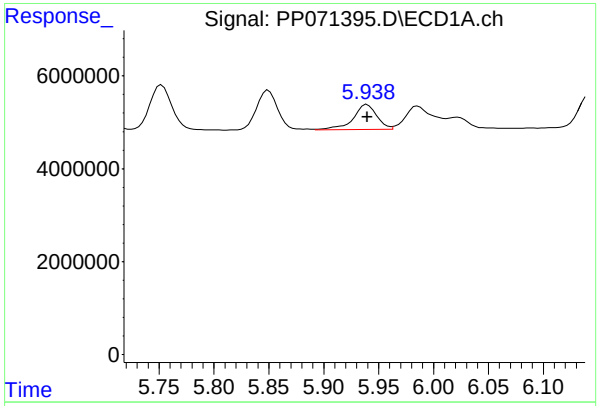
#14 AR-1232-4

R.T.: 5.850 min
Delta R.T.: 0.000 min
Response: 11589674
Conc: 500.00 ng/ml



#14 AR-1232-4

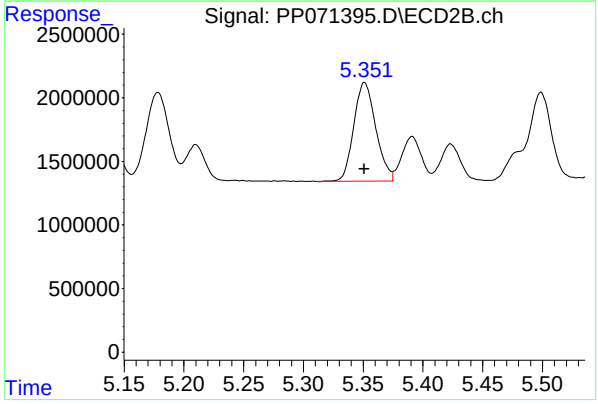
R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 9270206
Conc: 500.00 ng/ml



#15 AR-1232-5

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 8072861
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



#15 AR-1232-5

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 9950926
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071396.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 12:23
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 13:20:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 13:13:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.513	3.812	186.9E6	129.5E6	96.183	92.543
2)	SA Decachlor...	10.233	8.849	136.9E6	81561508	95.790	95.248
	Target Compounds						
16)	L4 AR-1242-1	5.668	4.897	53870259	42717527	958.842	942.603
17)	L4 AR-1242-2	5.689	4.916	81881116	62346958	951.456	954.464
18)	L4 AR-1242-3	5.751	5.093	49423643	34614031	962.179	947.245
19)	L4 AR-1242-4	5.848	5.177	41638031	33518120	960.813	943.289
20)	L4 AR-1242-5	6.580	5.701	44955701	41214500	963.821	956.409

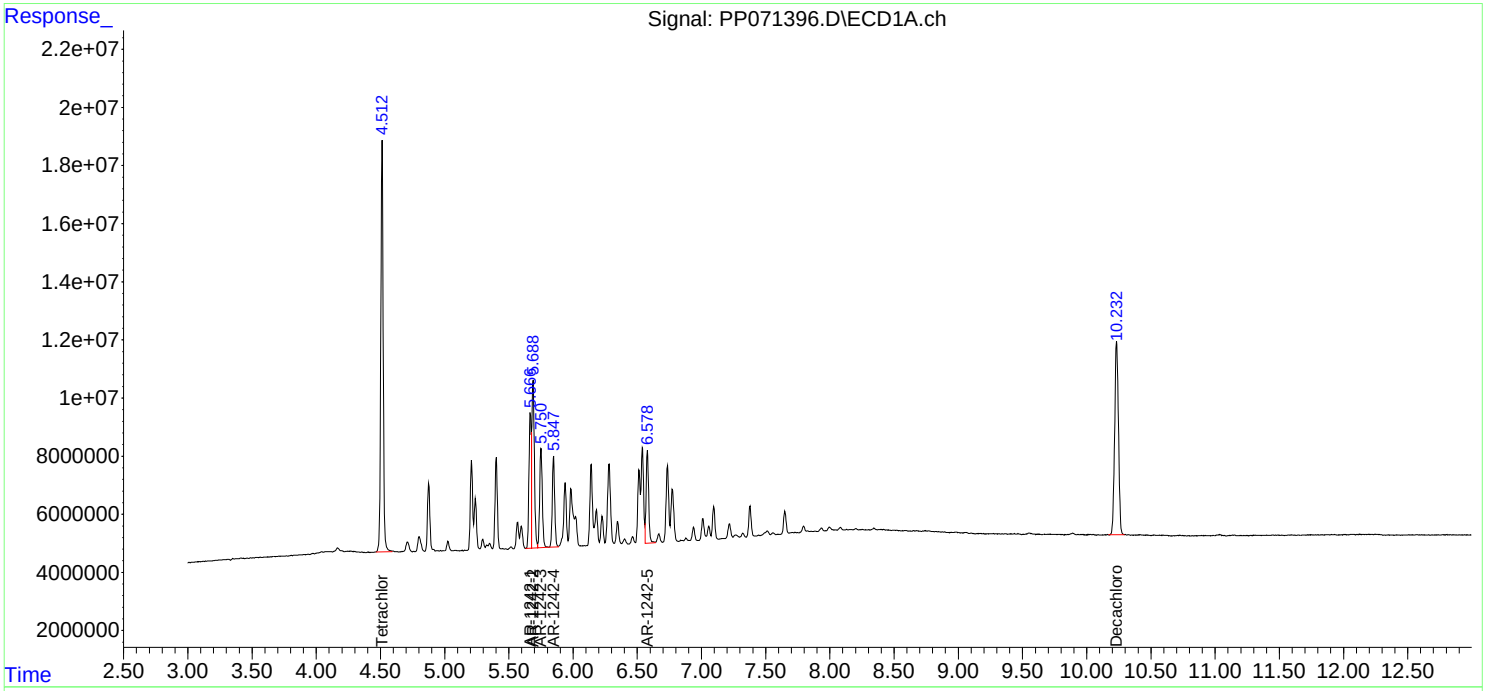
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

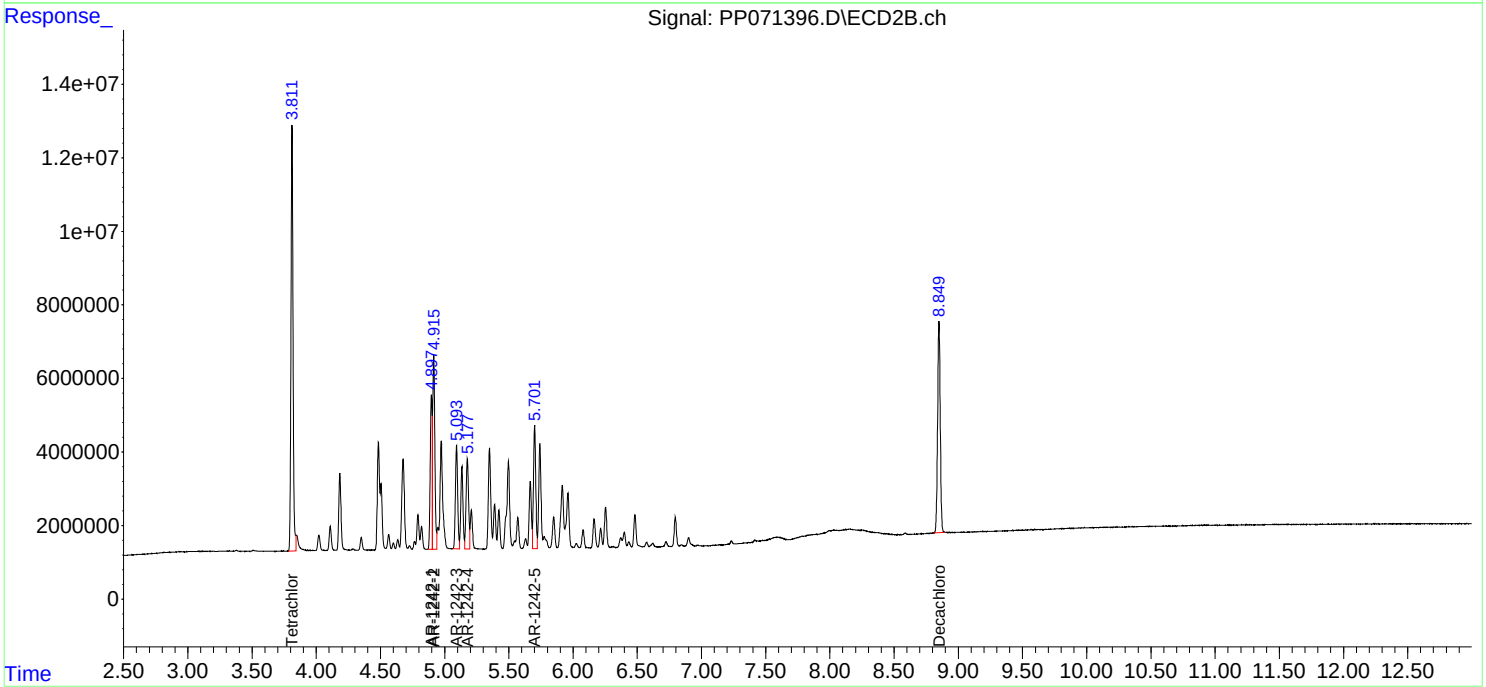
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071396.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 12:23
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

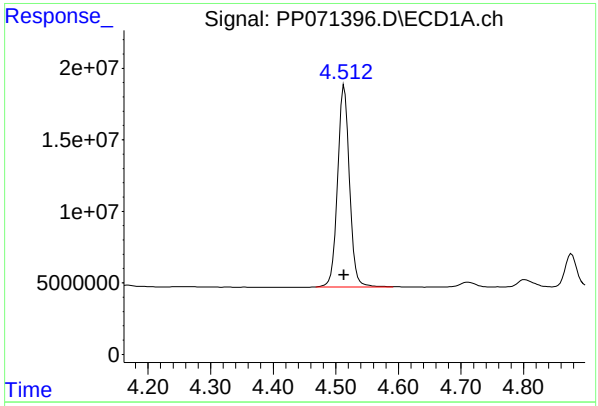
Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 13:20:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 13:13:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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



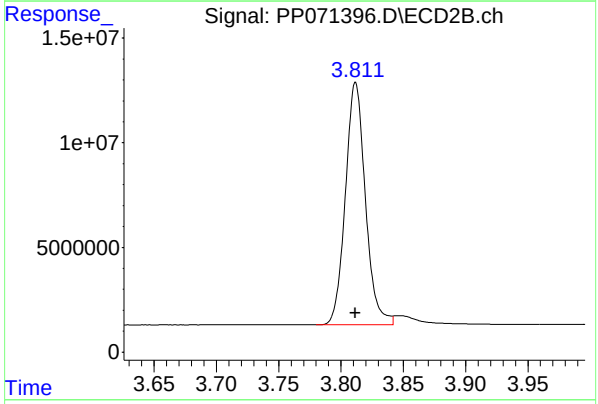




#1 Tetrachloro-m-xylene

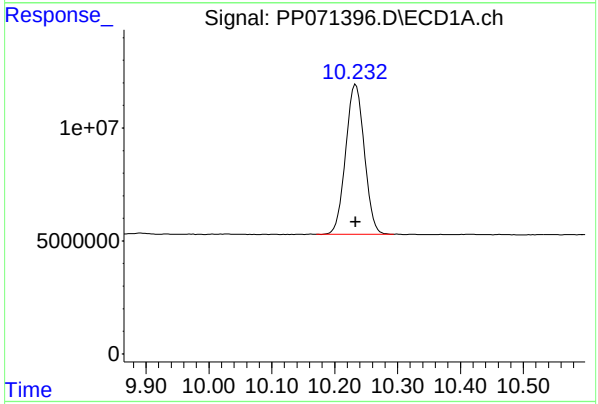
R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 186894535
Conc: 96.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



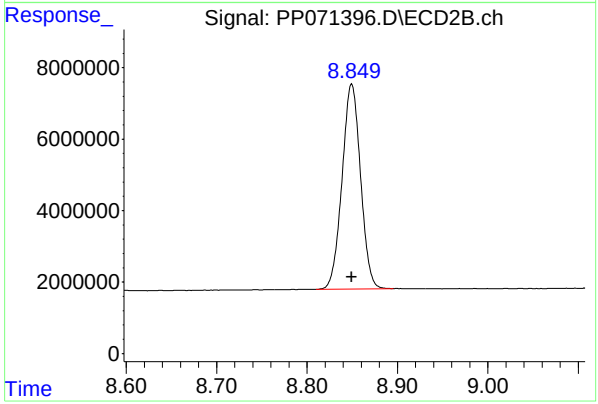
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 129515962
Conc: 92.54 ng/ml



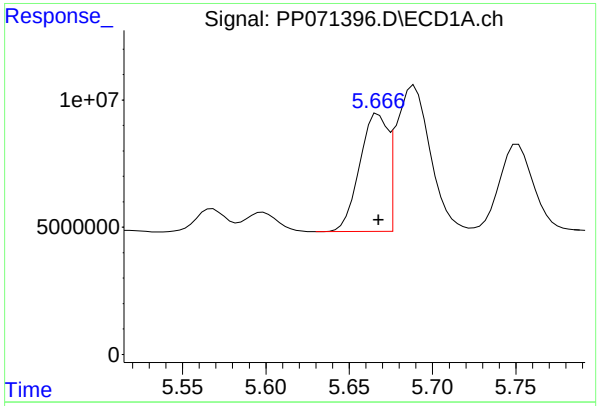
#2 Decachlorobiphenyl

R.T.: 10.233 min
Delta R.T.: 0.000 min
Response: 136854767
Conc: 95.79 ng/ml



#2 Decachlorobiphenyl

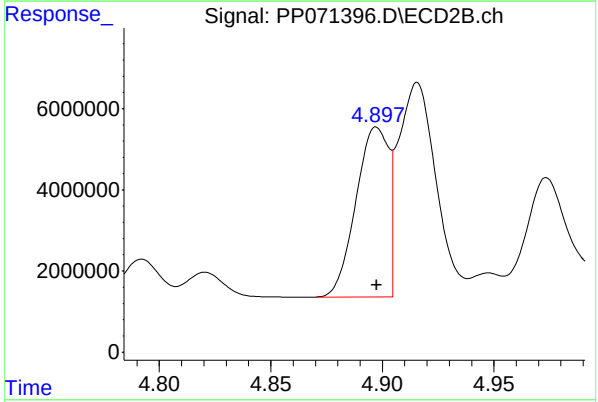
R.T.: 8.849 min
Delta R.T.: 0.000 min
Response: 81561508
Conc: 95.25 ng/ml



#16 AR-1242-1

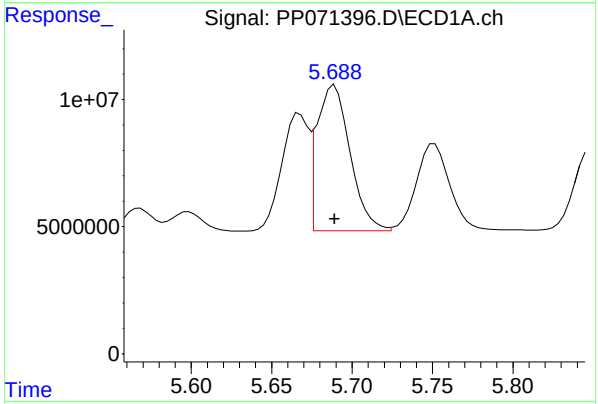
R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 53870259
Conc: 958.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



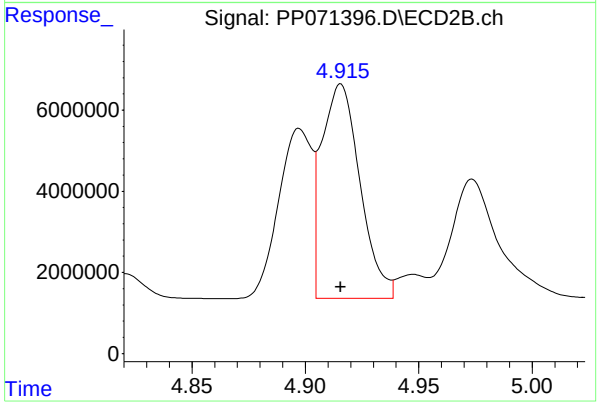
#16 AR-1242-1

R.T.: 4.897 min
Delta R.T.: 0.000 min
Response: 42717527
Conc: 942.60 ng/ml



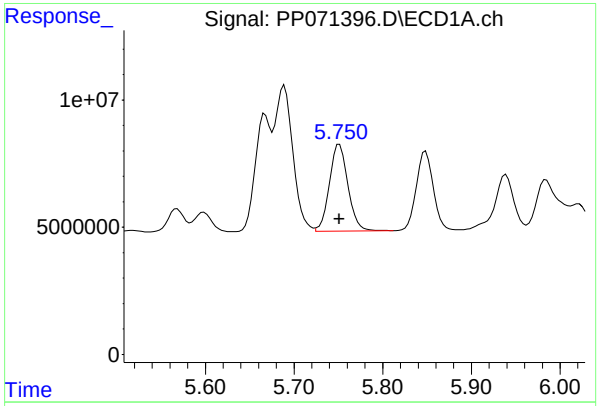
#17 AR-1242-2

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 81881116
Conc: 951.46 ng/ml



#17 AR-1242-2

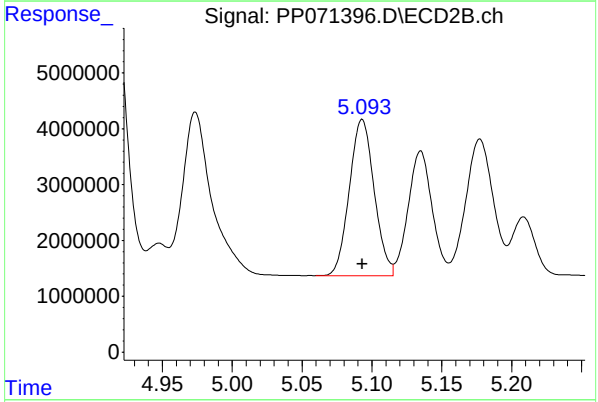
R.T.: 4.916 min
Delta R.T.: 0.000 min
Response: 62346958
Conc: 954.46 ng/ml



#18 AR-1242-3

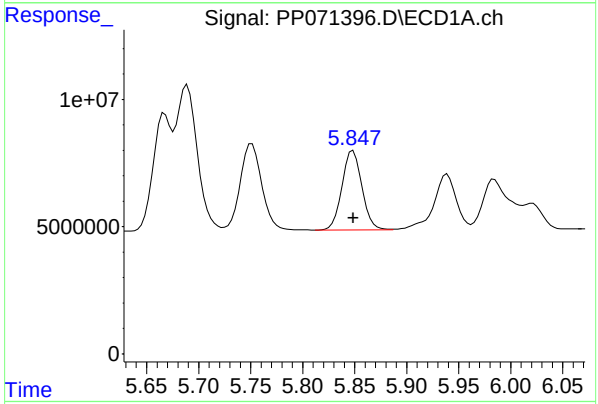
R.T.: 5.751 min
Delta R.T.: 0.000 min
Response: 49423643
Conc: 962.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



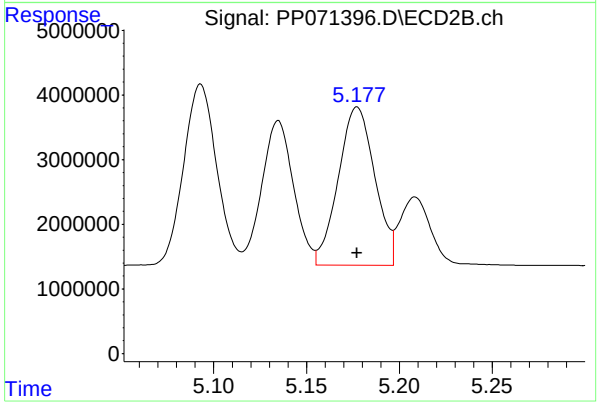
#18 AR-1242-3

R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 34614031
Conc: 947.24 ng/ml



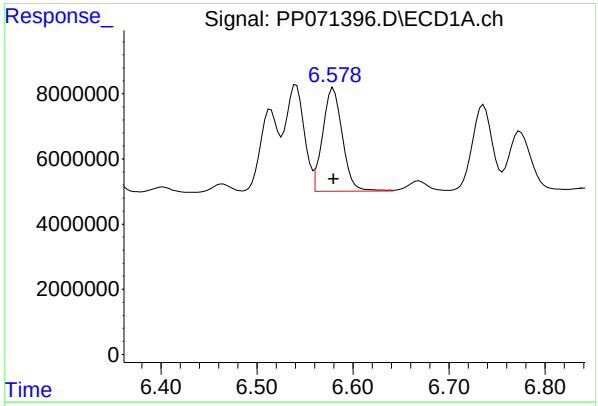
#19 AR-1242-4

R.T.: 5.848 min
Delta R.T.: 0.000 min
Response: 41638031
Conc: 960.81 ng/ml



#19 AR-1242-4

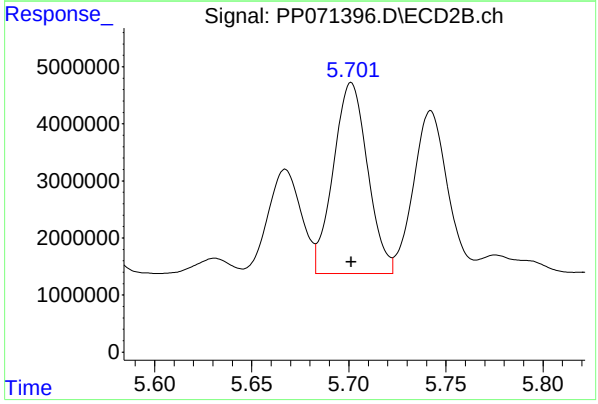
R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 33518120
Conc: 943.29 ng/ml



#20 AR-1242-5

R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 44955701
Conc: 963.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



#20 AR-1242-5

R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 41214500
Conc: 956.41 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071397.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 12:39
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 13:23:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 13:13:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.515	3.813	144.5E6	99405951	74.571	72.305
2)	SA Decachlor...	10.236	8.850	106.6E6	63879480	74.739	74.732
	Target Compounds						
16)	L4 AR-1242-1	5.669	4.899	41763307	33495158	745.553	742.700
17)	L4 AR-1242-2	5.691	4.917	64231120	48675819	747.572	746.776
18)	L4 AR-1242-3	5.753	5.094	38470772	26777904	749.299	738.446
19)	L4 AR-1242-4	5.850	5.179	32141516	25994749	744.431	737.606
20)	L4 AR-1242-5	6.581	5.703	34794164	32016406	747.305	745.293

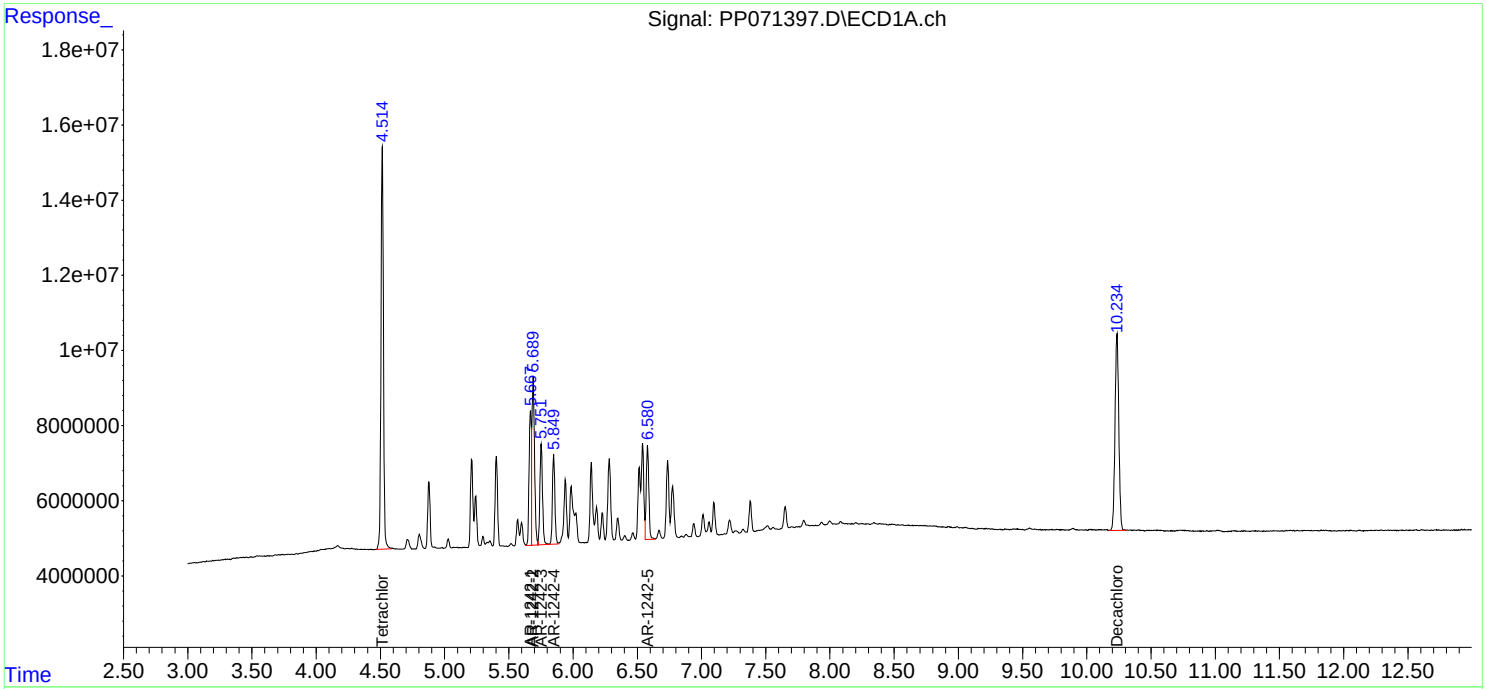
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

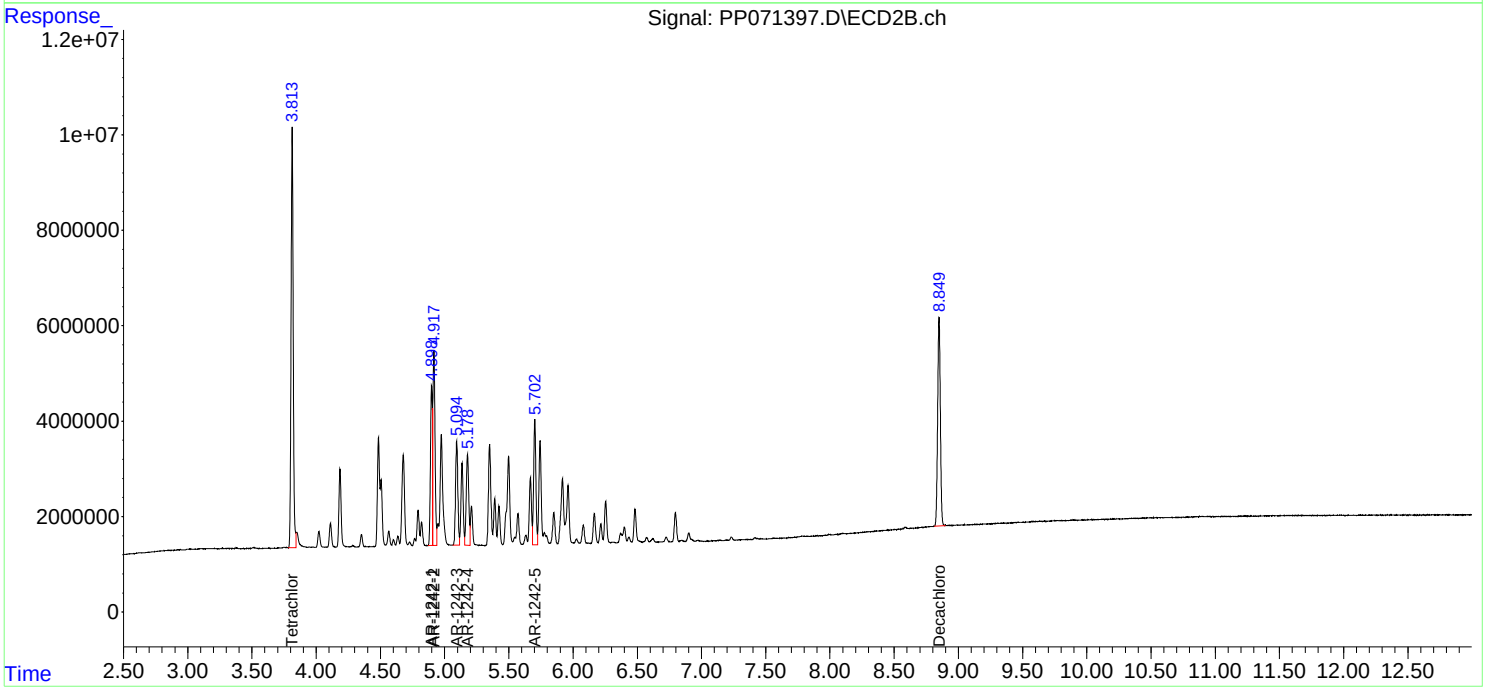
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071397.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 12:39
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

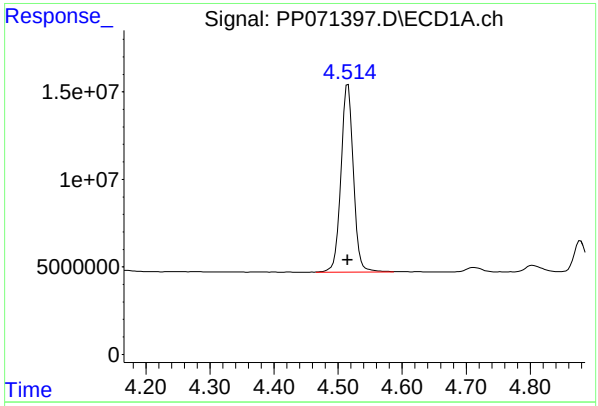
Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 13:23:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 13:13:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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



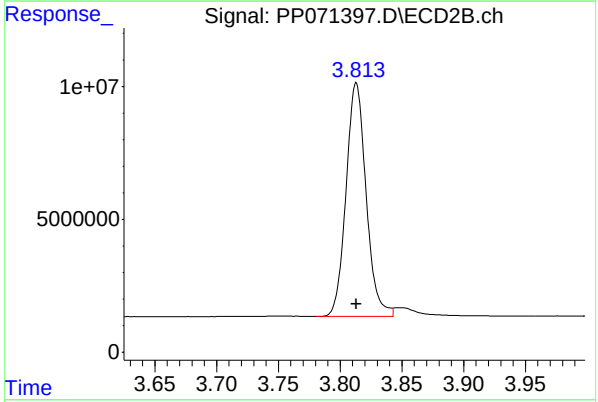




#1 Tetrachloro-m-xylene

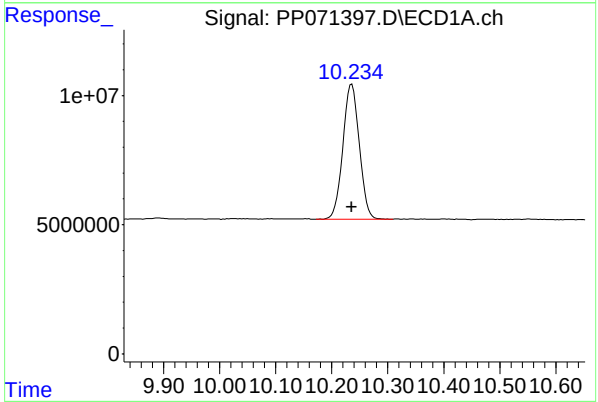
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 144487060
Conc: 74.57 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



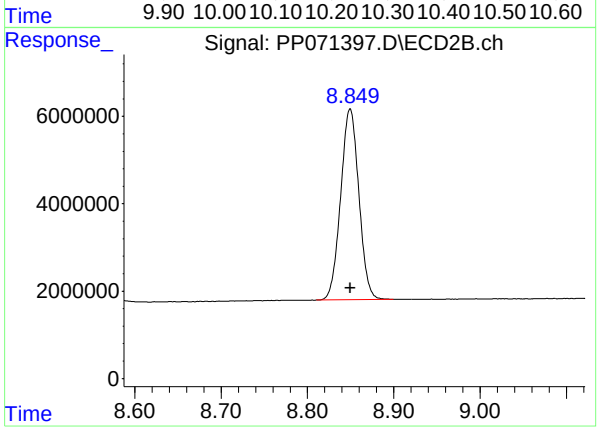
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 99405951
Conc: 72.30 ng/ml



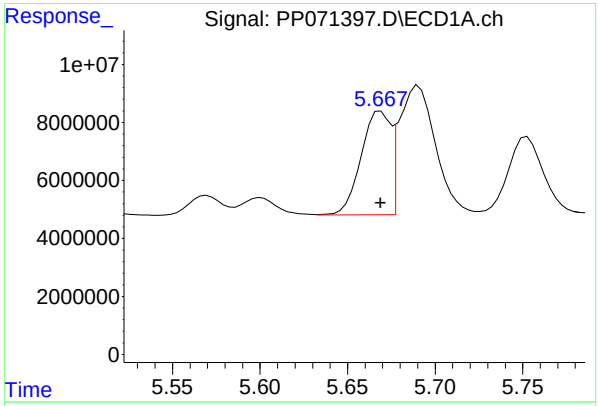
#2 Decachlorobiphenyl

R.T.: 10.236 min
Delta R.T.: 0.000 min
Response: 106593076
Conc: 74.74 ng/ml



#2 Decachlorobiphenyl

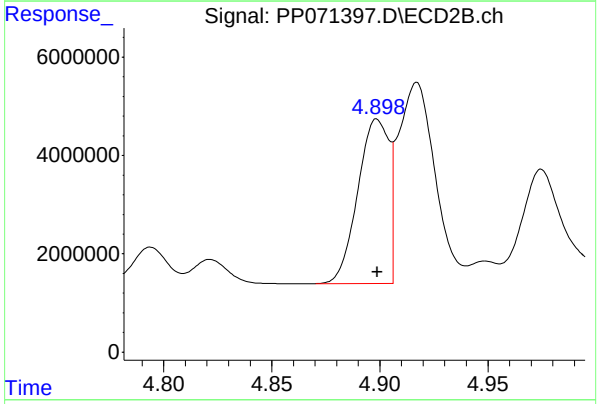
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 63879480
Conc: 74.73 ng/ml



#16 AR-1242-1

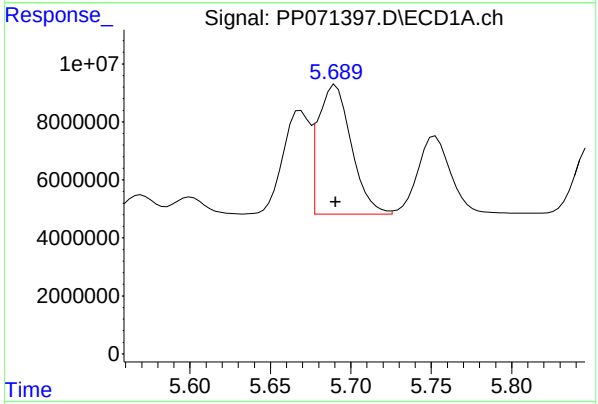
R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 41763307
Conc: 745.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



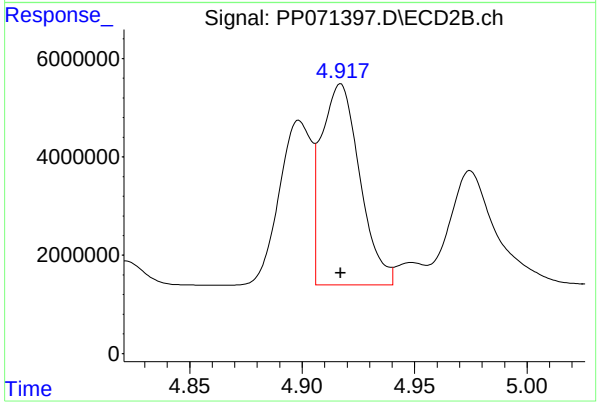
#16 AR-1242-1

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 33495158
Conc: 742.70 ng/ml



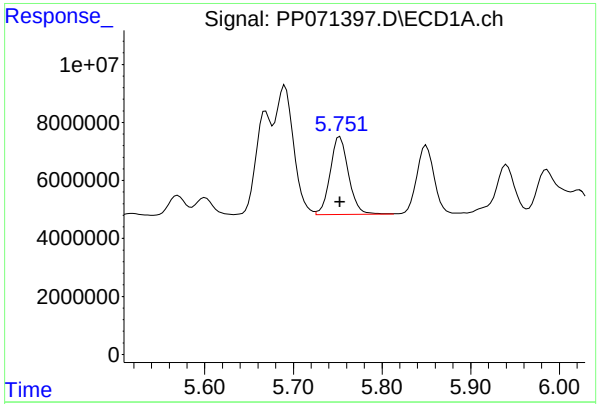
#17 AR-1242-2

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 64231120
Conc: 747.57 ng/ml



#17 AR-1242-2

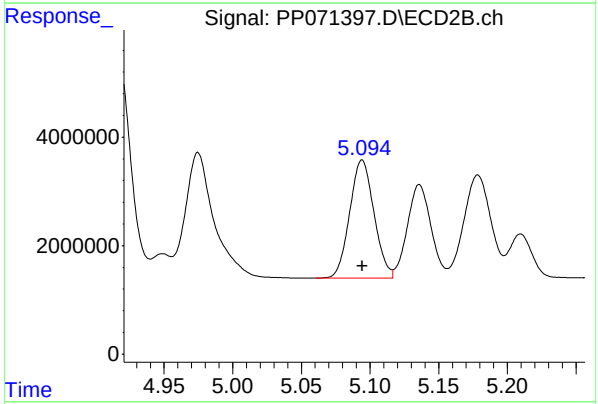
R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 48675819
Conc: 746.78 ng/ml



#18 AR-1242-3

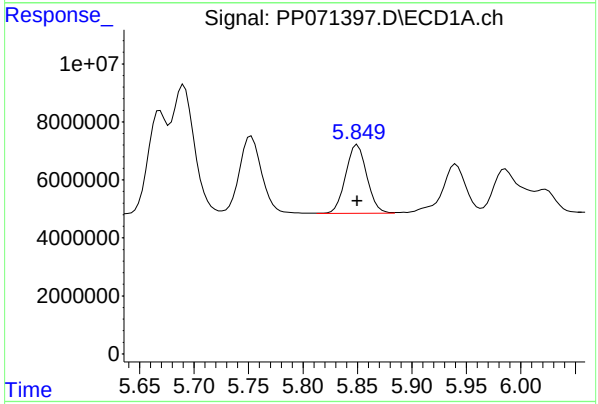
R.T.: 5.753 min
Delta R.T.: 0.000 min
Response: 38470772
Conc: 749.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



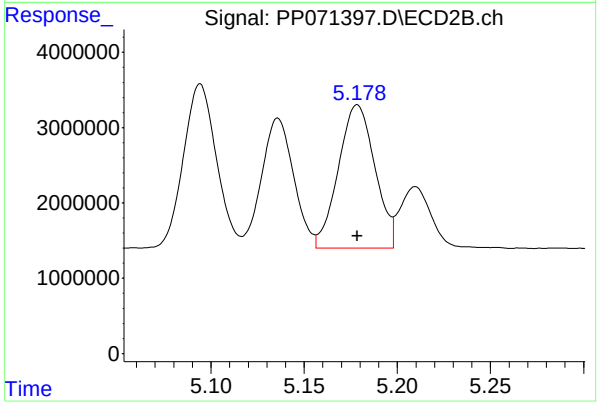
#18 AR-1242-3

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 26777904
Conc: 738.45 ng/ml



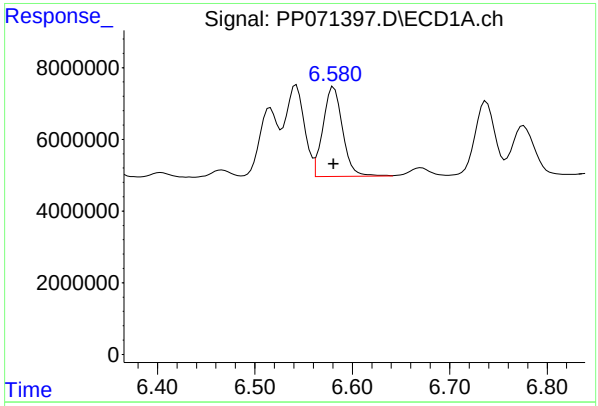
#19 AR-1242-4

R.T.: 5.850 min
Delta R.T.: 0.000 min
Response: 32141516
Conc: 744.43 ng/ml



#19 AR-1242-4

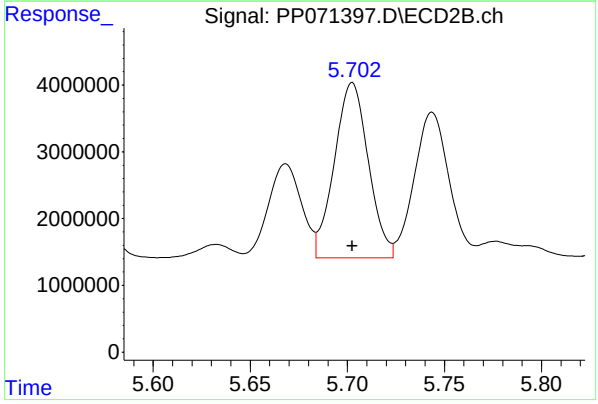
R.T.: 5.179 min
Delta R.T.: 0.000 min
Response: 25994749
Conc: 737.61 ng/ml



#20 AR-1242-5

R.T.: 6.581 min
Delta R.T.: 0.000 min
Response: 34794164
Conc: 747.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



#20 AR-1242-5

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 32016406
Conc: 745.29 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071398.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 12:56
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 13:13:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 13:13:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.514	3.812	100.9E6	75193817	50.000	50.000
2)	SA Decachlor...	10.235	8.850	74441902	44850133	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	5.669	4.898	29247490	23959903	500.000	500.000
17)	L4 AR-1242-2	5.690	4.916	45118235	34147953	500.000	500.000
18)	L4 AR-1242-3	5.752	5.093	26654530	19234787	500.000	500.000
19)	L4 AR-1242-4	5.849	5.178	22517234	18774167	500.000	500.000
20)	L4 AR-1242-5	6.581	5.701	24165350	22485728	500.000	500.000

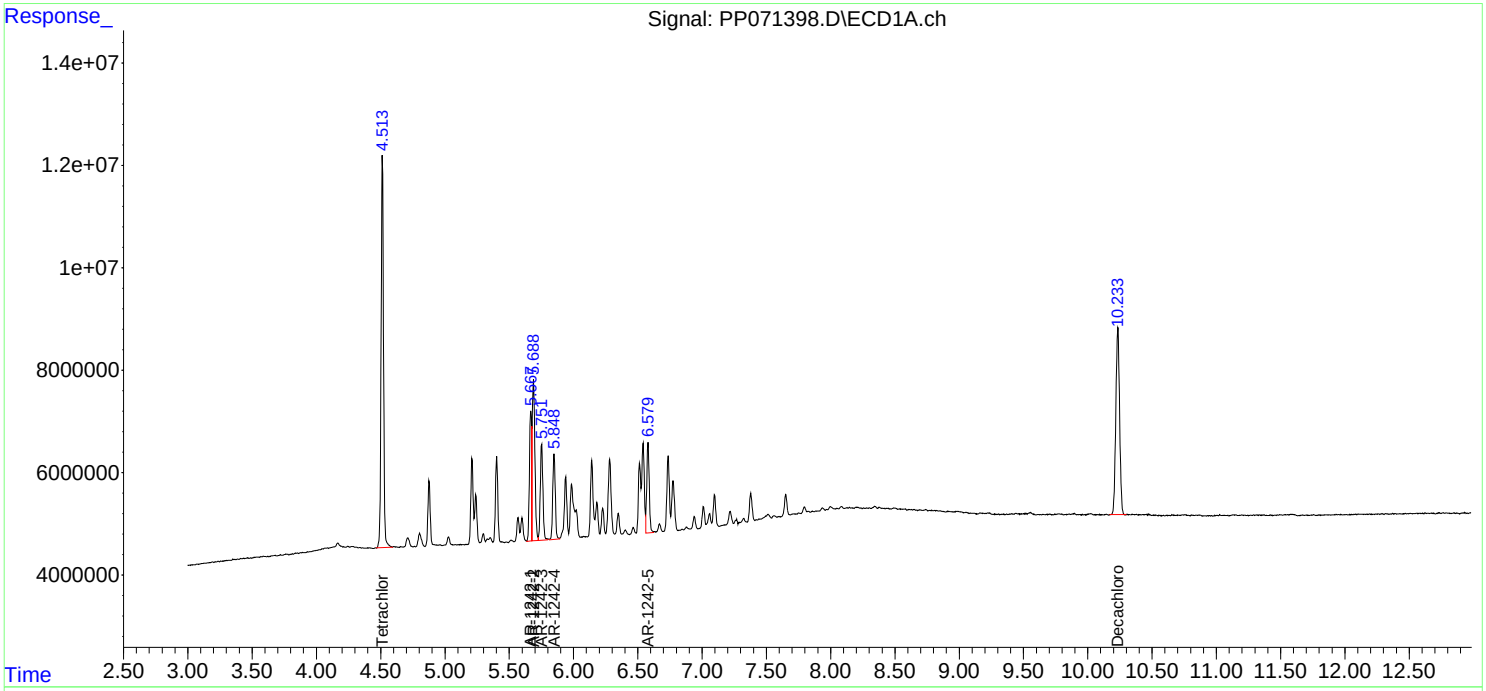
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

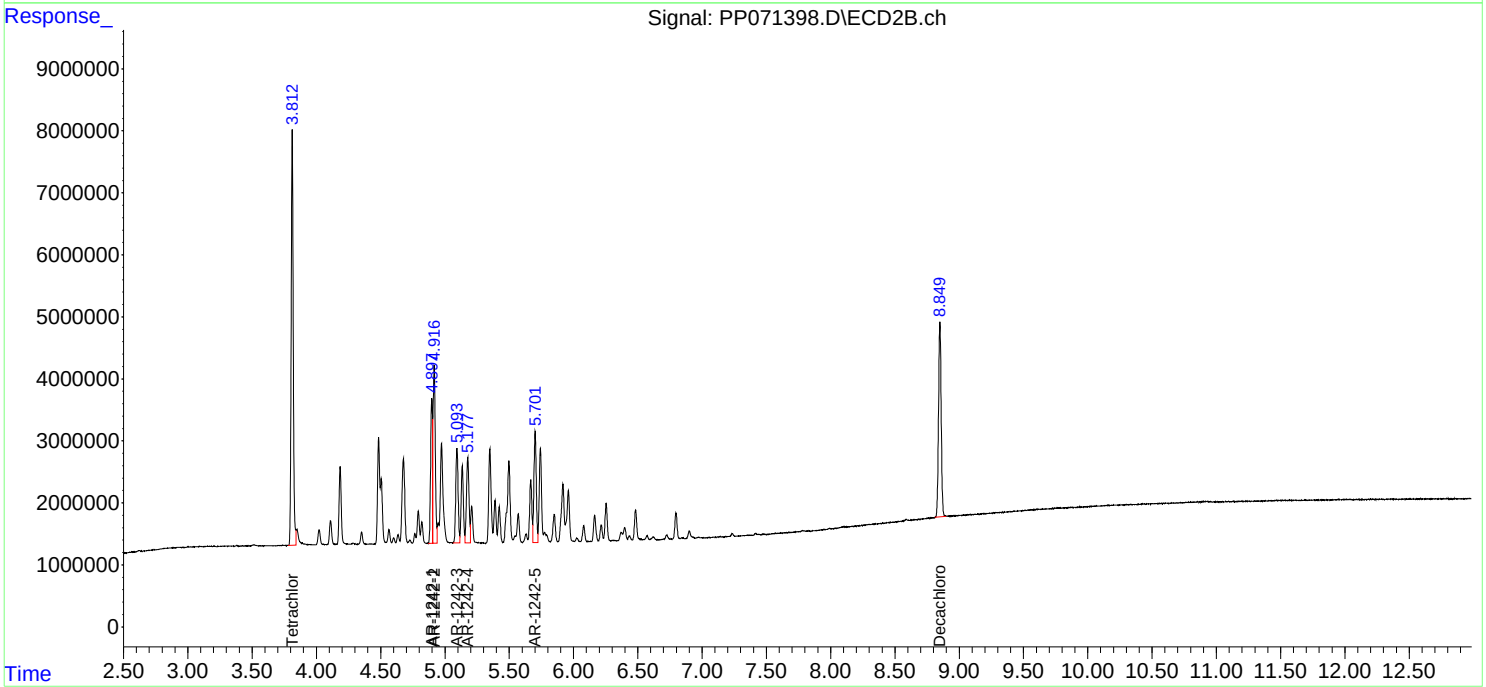
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071398.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 12:56
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

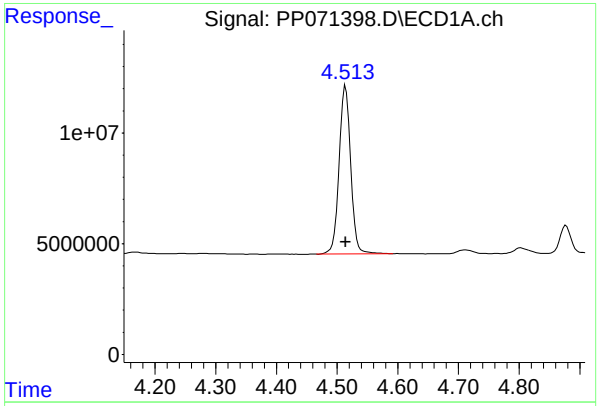
Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 13:13:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 13:13:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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



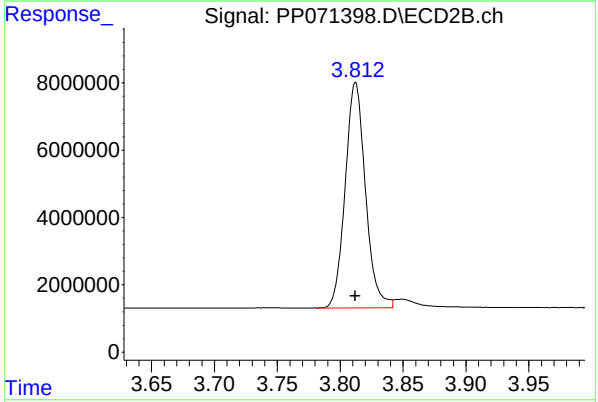




#1 Tetrachloro-m-xylene

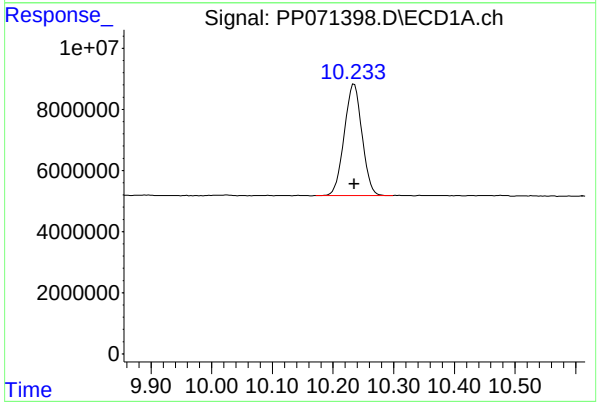
R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 100863617
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



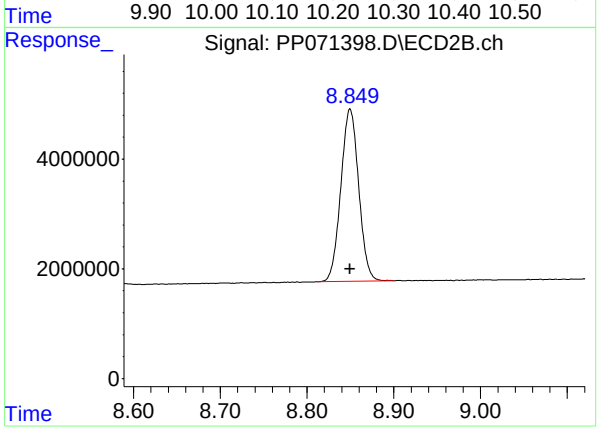
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 75193817
Conc: 50.00 ng/ml



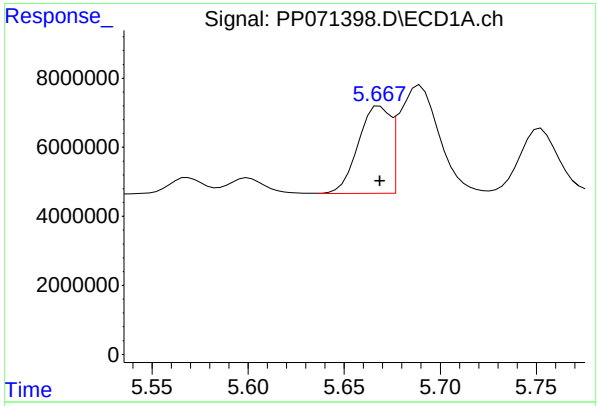
#2 Decachlorobiphenyl

R.T.: 10.235 min
Delta R.T.: 0.000 min
Response: 74441902
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

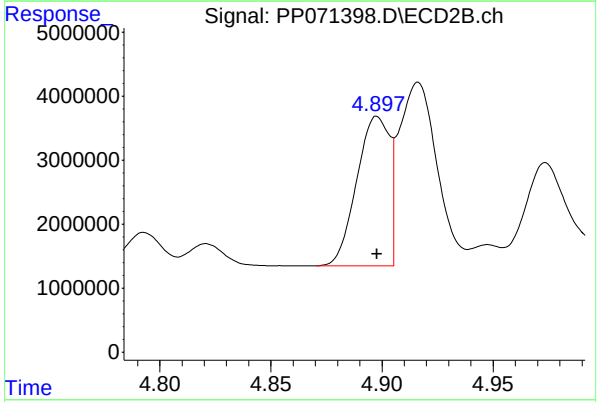
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 44850133
Conc: 50.00 ng/ml



#16 AR-1242-1

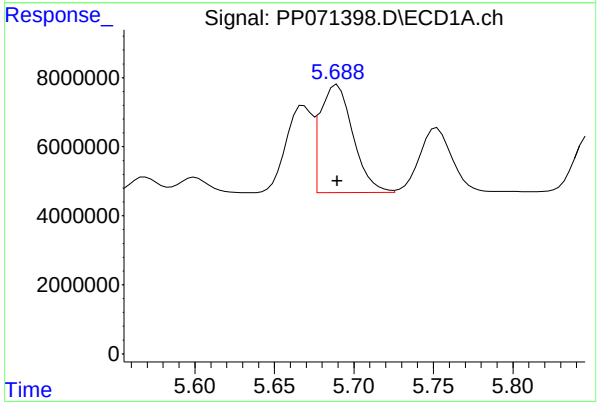
R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 29247490
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



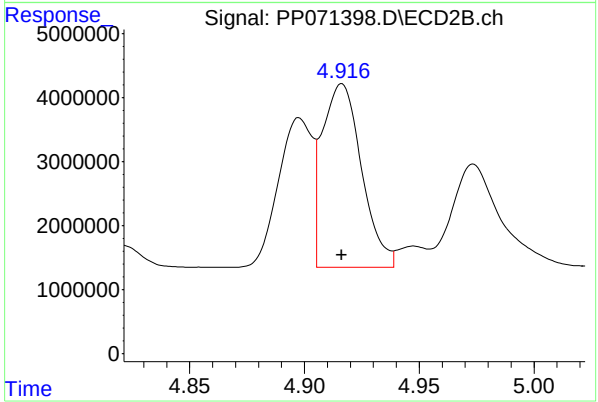
#16 AR-1242-1

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 23959903
Conc: 500.00 ng/ml



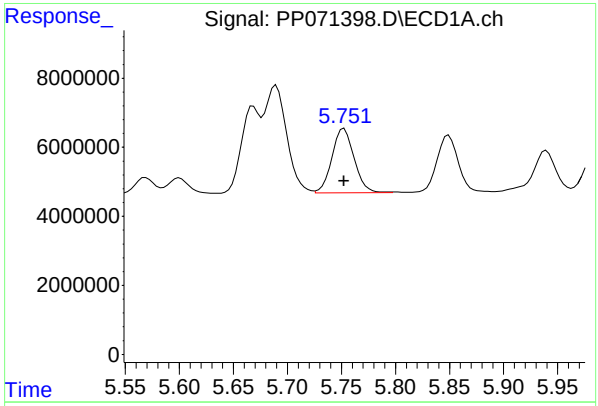
#17 AR-1242-2

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 45118235
Conc: 500.00 ng/ml



#17 AR-1242-2

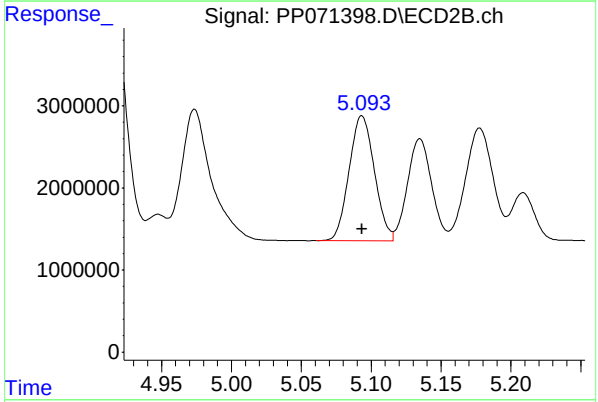
R.T.: 4.916 min
Delta R.T.: 0.000 min
Response: 34147953
Conc: 500.00 ng/ml



#18 AR-1242-3

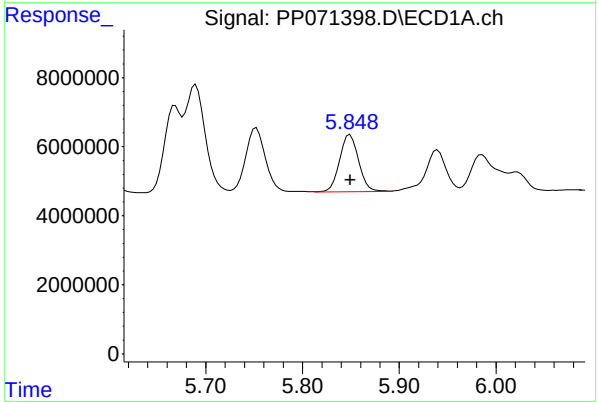
R.T.: 5.752 min
Delta R.T.: 0.000 min
Response: 26654530
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



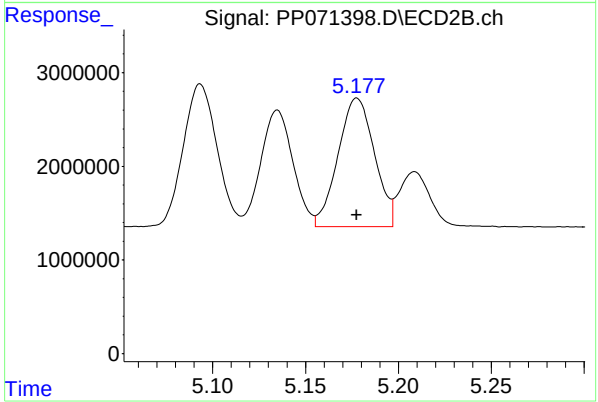
#18 AR-1242-3

R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 19234787
Conc: 500.00 ng/ml



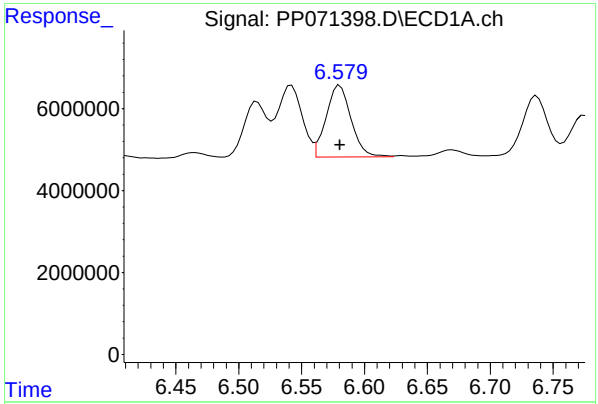
#19 AR-1242-4

R.T.: 5.849 min
Delta R.T.: 0.000 min
Response: 22517234
Conc: 500.00 ng/ml



#19 AR-1242-4

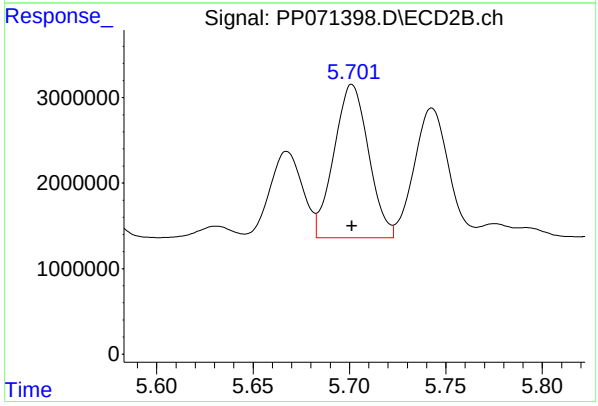
R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 18774167
Conc: 500.00 ng/ml



#20 AR-1242-5

R.T.: 6.581 min
Delta R.T.: 0.000 min
Response: 24165350
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



#20 AR-1242-5

R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 22485728
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071399.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 13:12
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 13:34:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 13:34:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.514	3.813	50759754	35812201	25.888	25.778
2)	SA Decachlor...	10.233	8.850	37582587	22937032	26.000	26.351
	Target Compounds						
16)	L4 AR-1242-1	5.668	4.899	14669196	12394168	258.800	268.164
17)	L4 AR-1242-2	5.689	4.917	22436050	17569793	258.254	264.383
18)	L4 AR-1242-3	5.751	5.094	13459217	10184944	259.001	272.457
19)	L4 AR-1242-4	5.849	5.178	11164111	9920754	256.375	272.906
20)	L4 AR-1242-5	6.580	5.702	11989115	11814664	255.584	268.312

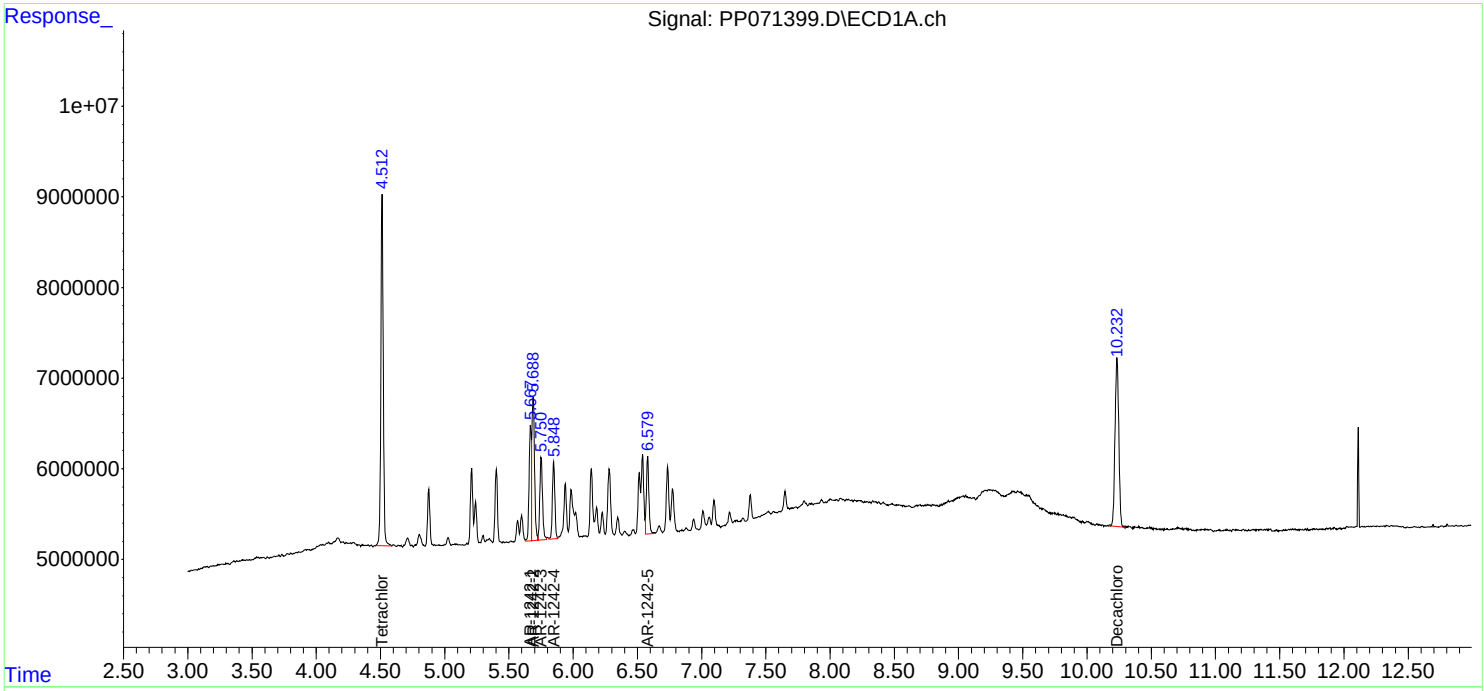
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

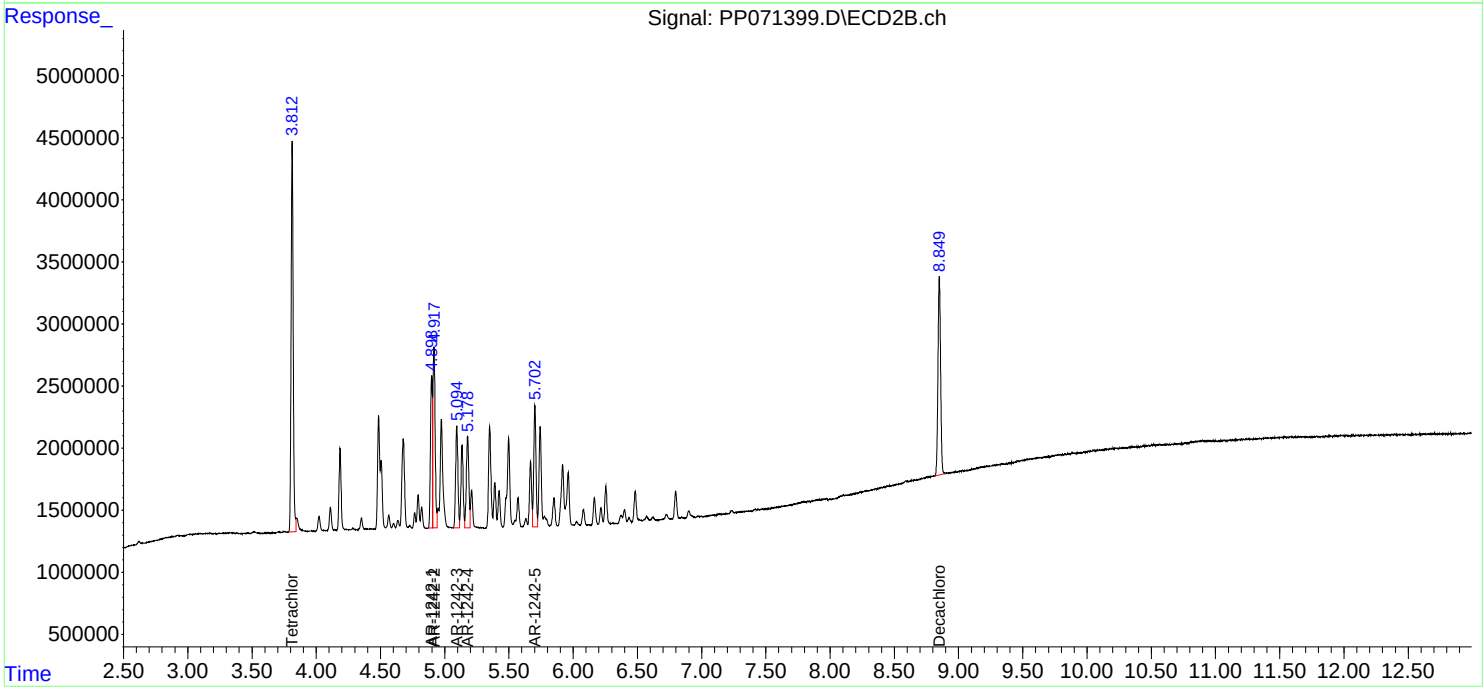
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071399.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 13:12
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

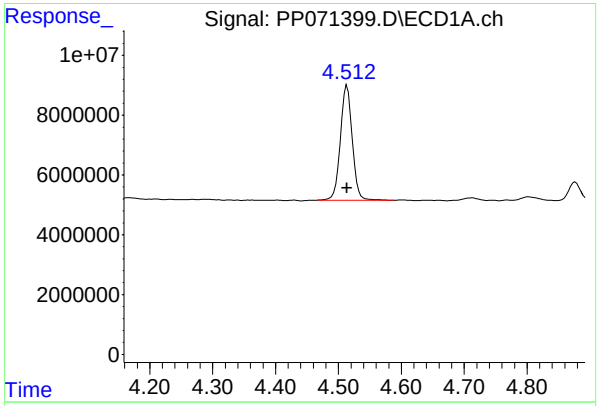
Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 13:34:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 13:34:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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



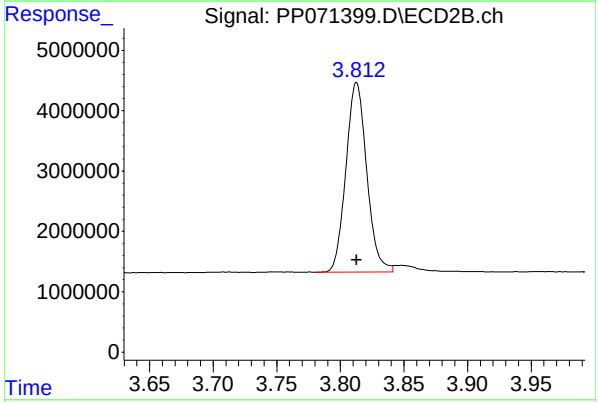




#1 Tetrachloro-m-xylene

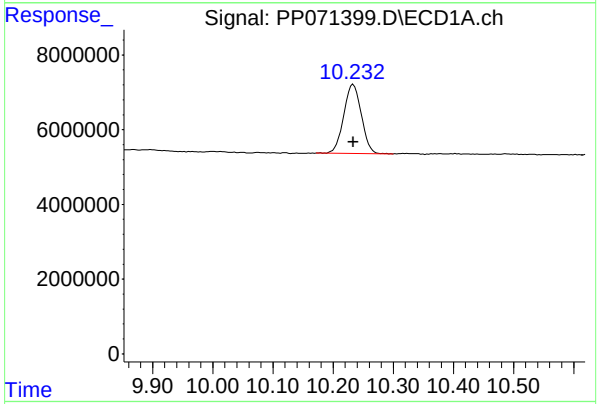
R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 50759754
Conc: 25.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



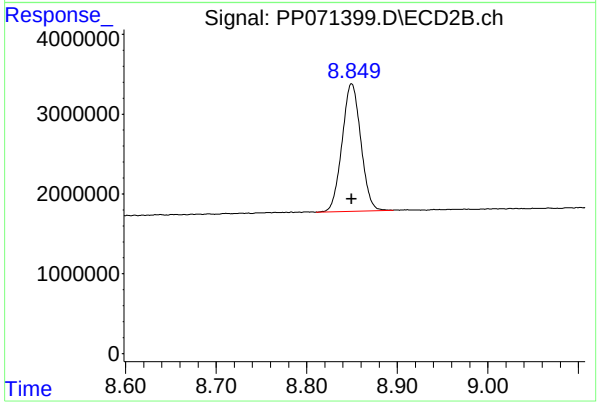
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 35812201
Conc: 25.78 ng/ml



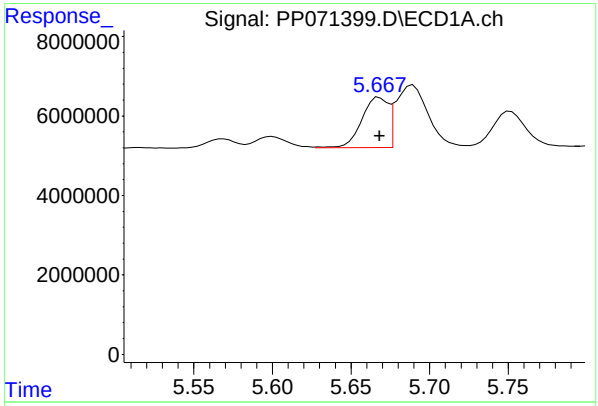
#2 Decachlorobiphenyl

R.T.: 10.233 min
Delta R.T.: 0.000 min
Response: 37582587
Conc: 26.00 ng/ml



#2 Decachlorobiphenyl

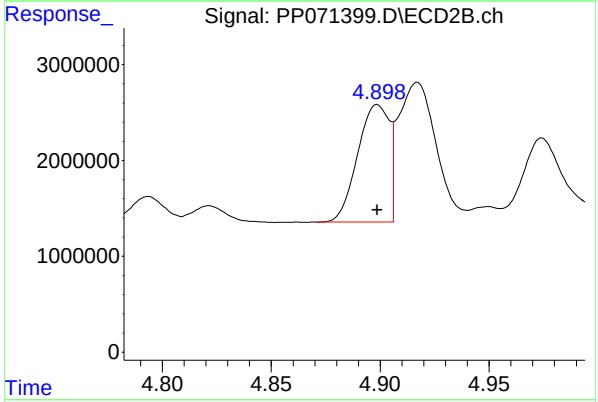
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 22937032
Conc: 26.35 ng/ml



#16 AR-1242-1

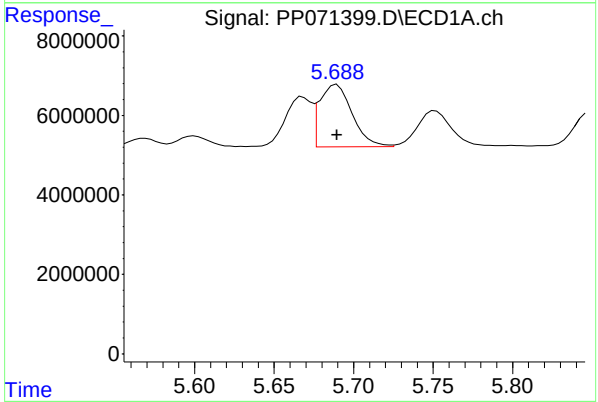
R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 14669196
Conc: 258.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



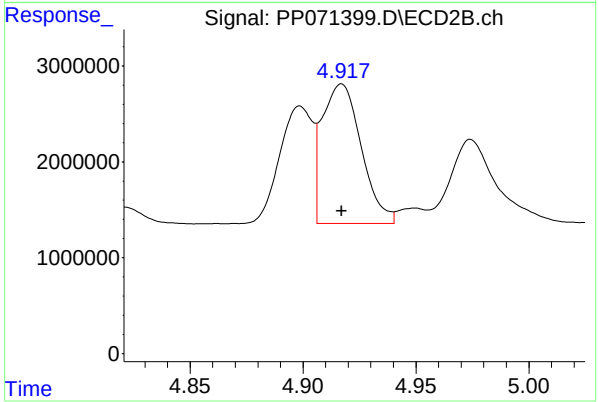
#16 AR-1242-1

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 12394168
Conc: 268.16 ng/ml



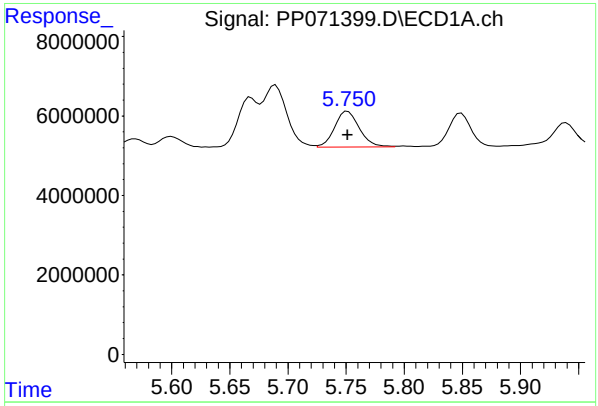
#17 AR-1242-2

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 22436050
Conc: 258.25 ng/ml



#17 AR-1242-2

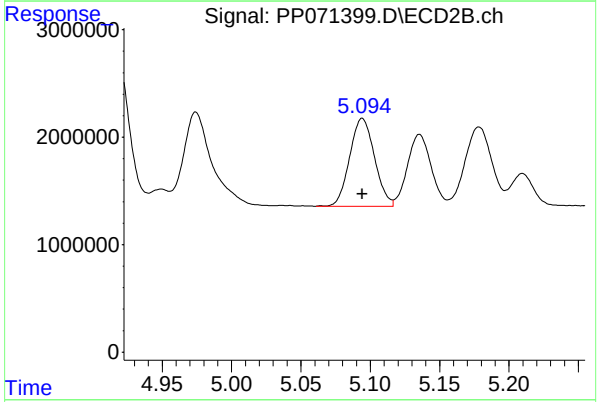
R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 17569793
Conc: 264.38 ng/ml



#18 AR-1242-3

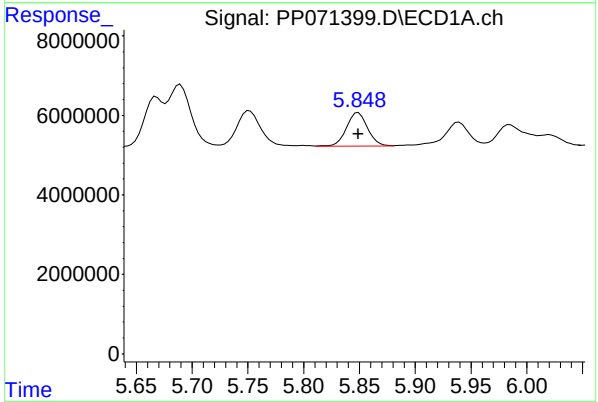
R.T.: 5.751 min
Delta R.T.: 0.000 min
Response: 13459217
Conc: 259.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



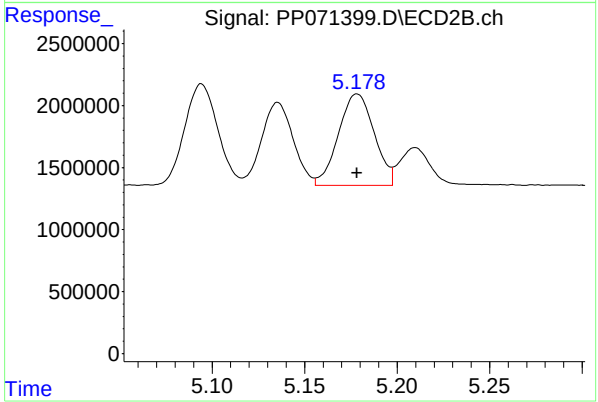
#18 AR-1242-3

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 10184944
Conc: 272.46 ng/ml



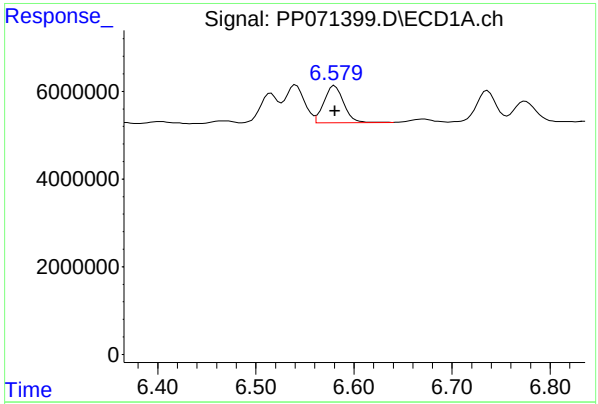
#19 AR-1242-4

R.T.: 5.849 min
Delta R.T.: 0.000 min
Response: 11164111
Conc: 256.37 ng/ml



#19 AR-1242-4

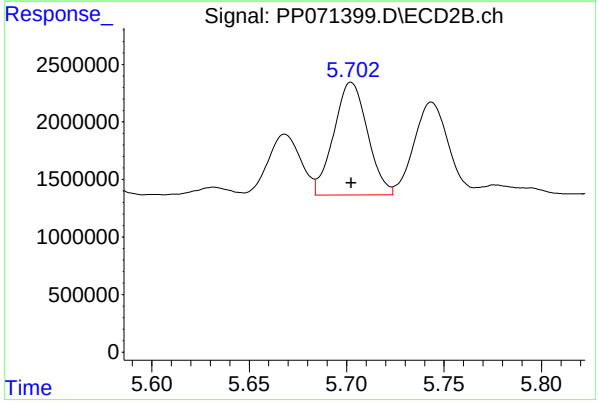
R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 9920754
Conc: 272.91 ng/ml



#20 AR-1242-5

R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 11989115
Conc: 255.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



#20 AR-1242-5

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 11814664
Conc: 268.31 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071400.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 13:28
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 13:44:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 13:44:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.515	3.812	8065732	6945226	4.265	4.999
2)	SA Decachlor...	10.237	8.850	5895463	3833854	4.235	4.512
	Target Compounds						
16)	L4 AR-1242-1	5.670	4.899	2356519	2317190	43.025	50.108
17)	L4 AR-1242-2	5.691	4.917	3869967	3214527	45.539	48.688
18)	L4 AR-1242-3	5.754	5.094	2387637	1635706	46.703	44.877
19)	L4 AR-1242-4	5.851	5.179	1842925	1657188	43.662	46.406
20)	L4 AR-1242-5	6.582	5.702	2190873	2070356	47.329	47.586

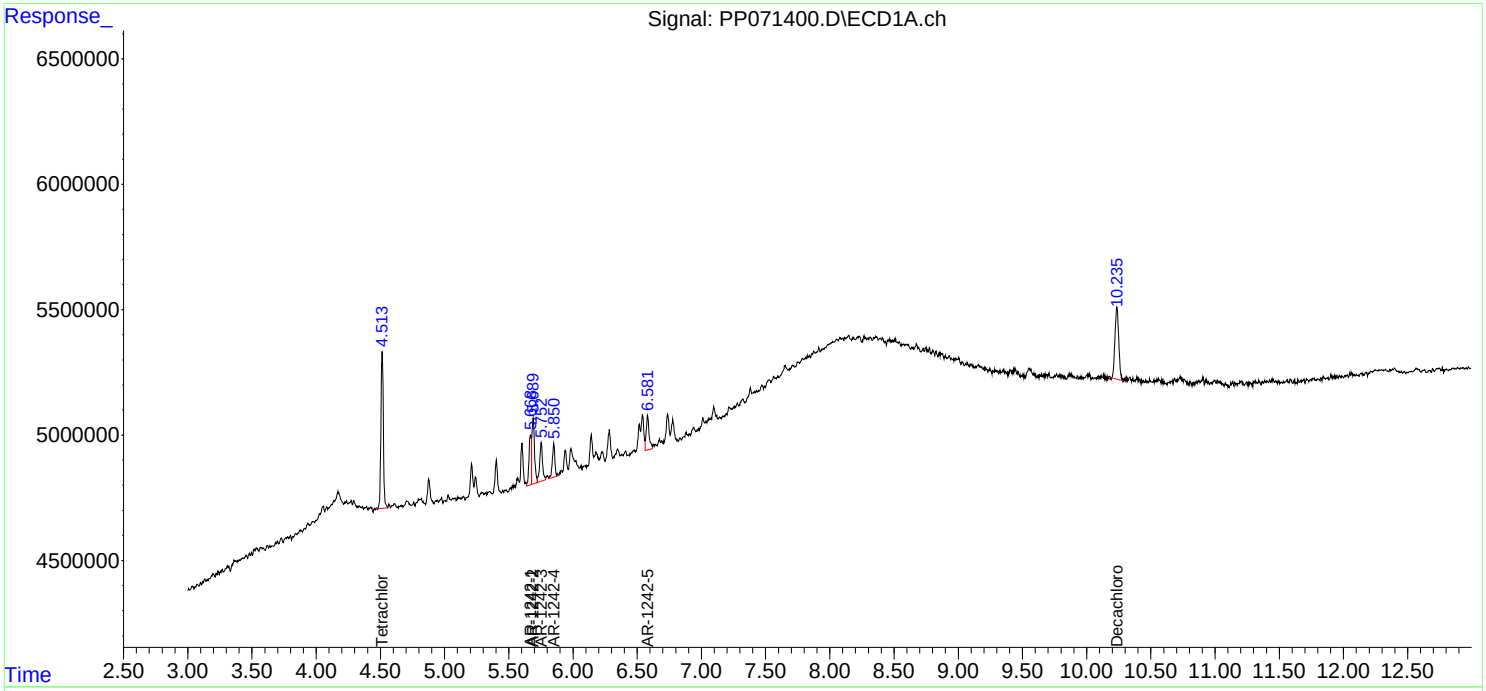
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

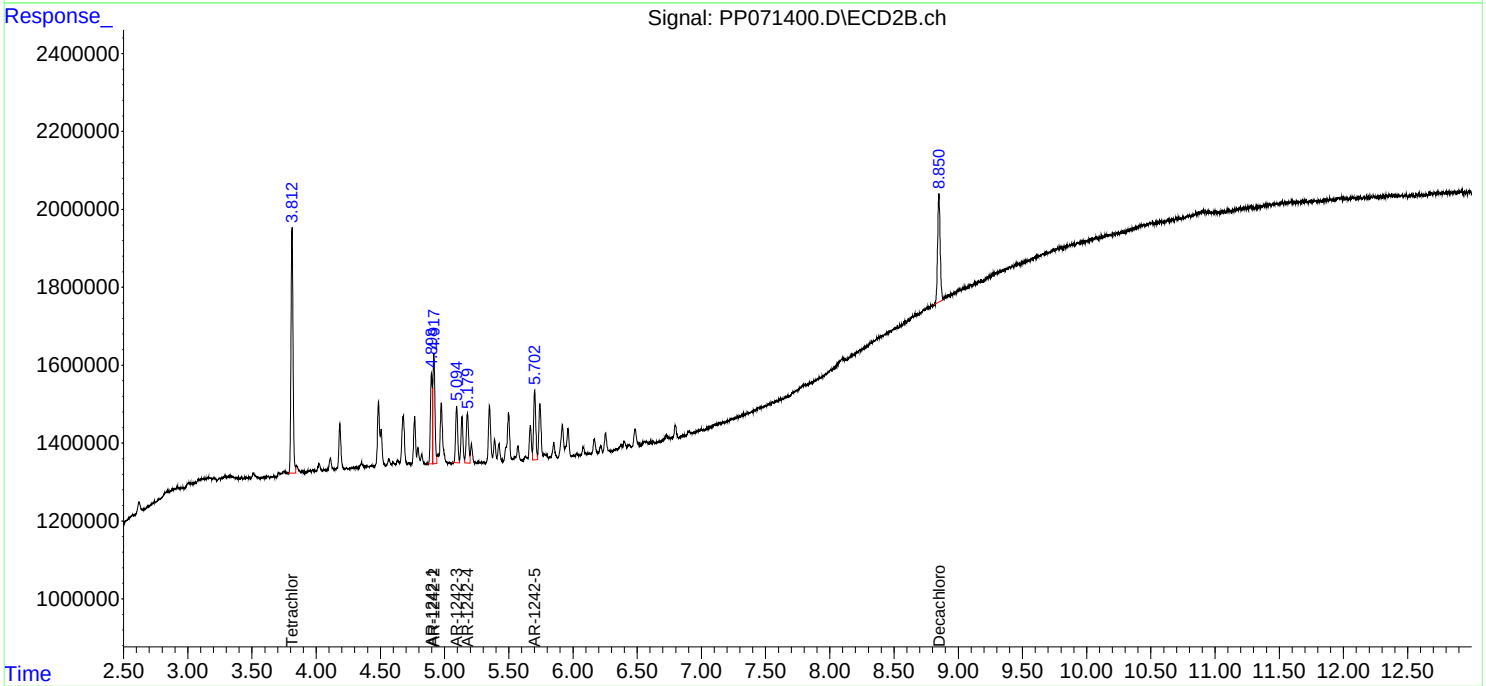
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071400.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 13:28
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

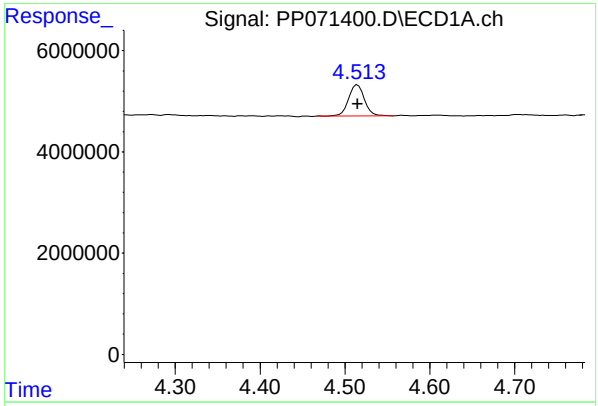
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 13:44:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 13:44:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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



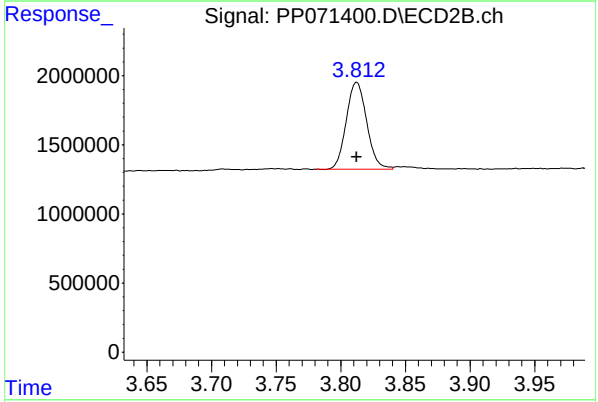




#1 Tetrachloro-m-xylene

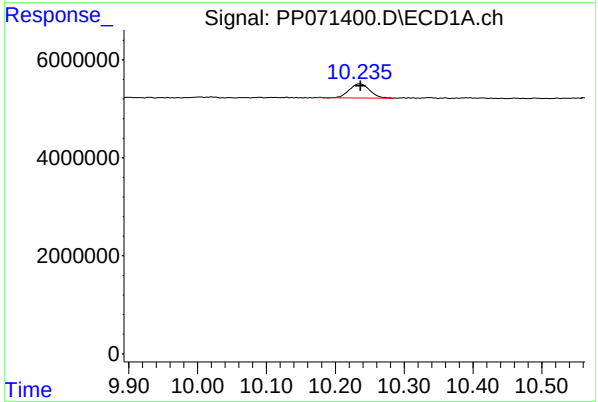
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 8065732
Conc: 4.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



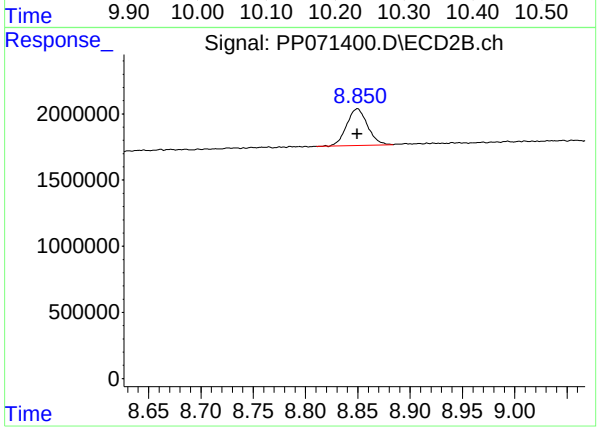
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 6945226
Conc: 5.00 ng/ml



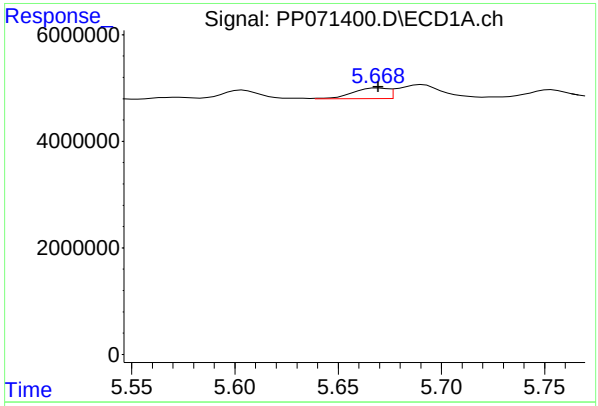
#2 Decachlorobiphenyl

R.T.: 10.237 min
Delta R.T.: 0.000 min
Response: 5895463
Conc: 4.23 ng/ml



#2 Decachlorobiphenyl

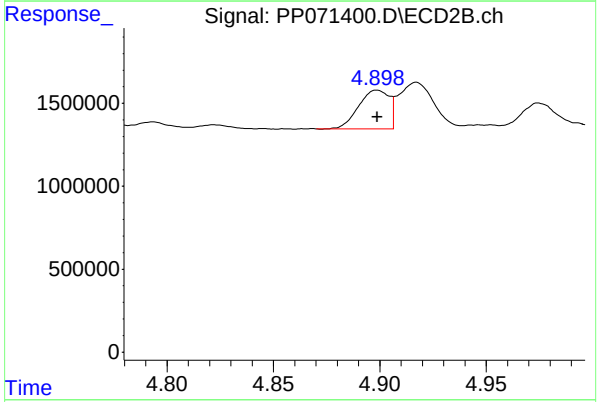
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 3833854
Conc: 4.51 ng/ml



#16 AR-1242-1

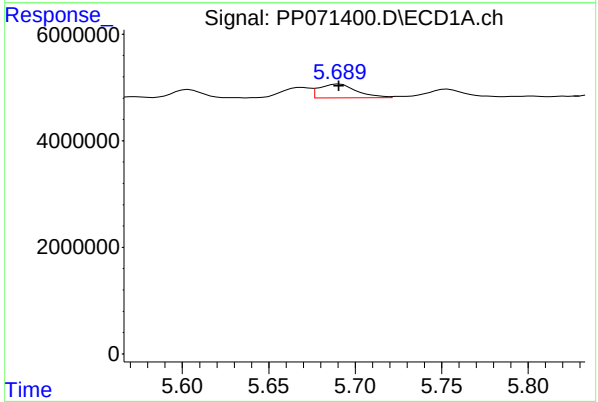
R.T.: 5.670 min
Delta R.T.: 0.000 min
Response: 2356519
Conc: 43.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



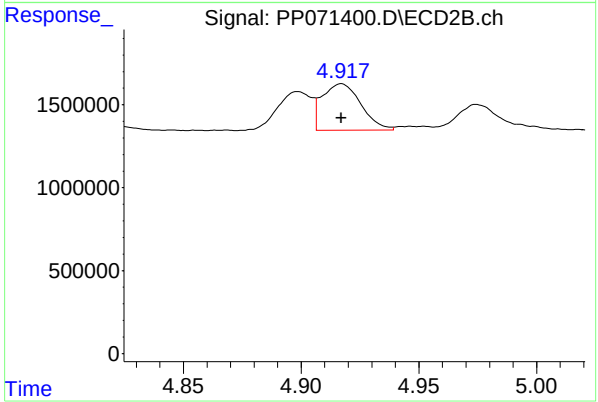
#16 AR-1242-1

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 2317190
Conc: 50.11 ng/ml



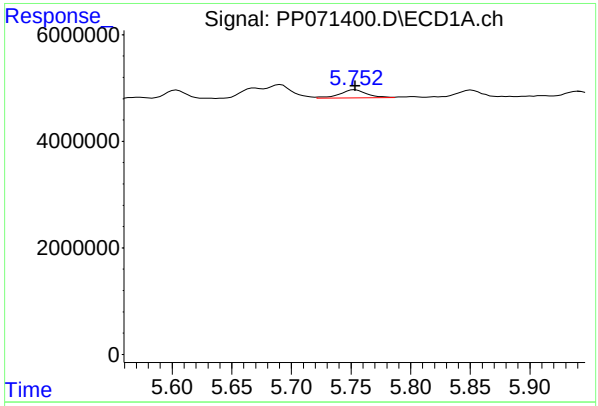
#17 AR-1242-2

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 3869967
Conc: 45.54 ng/ml



#17 AR-1242-2

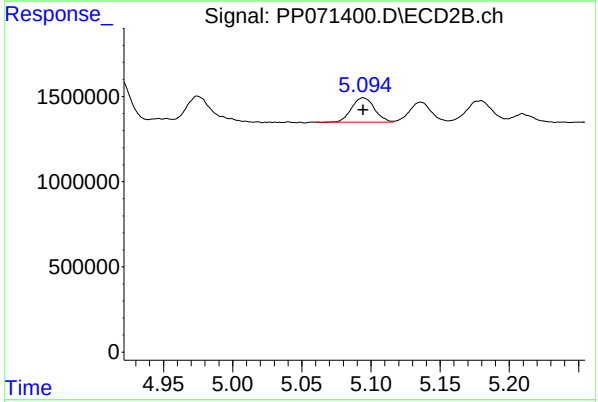
R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 3214527
Conc: 48.69 ng/ml



#18 AR-1242-3

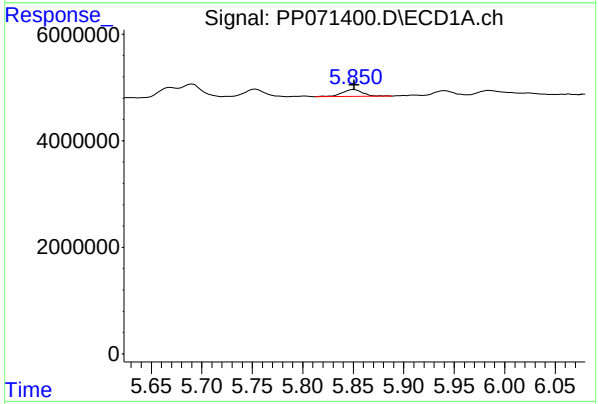
R.T.: 5.754 min
Delta R.T.: 0.000 min
Response: 2387637
Conc: 46.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



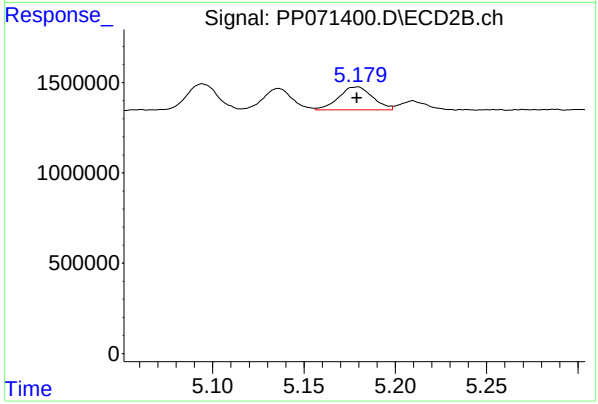
#18 AR-1242-3

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 1635706
Conc: 44.88 ng/ml



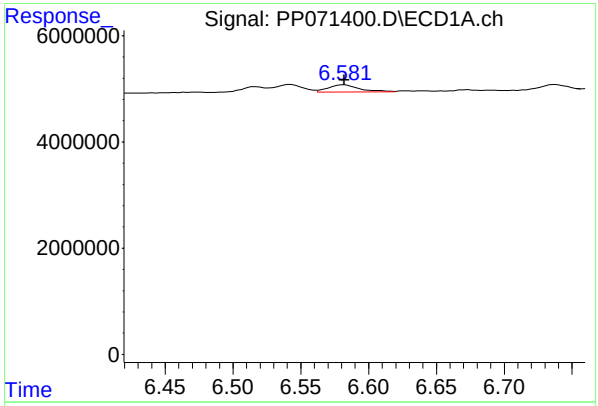
#19 AR-1242-4

R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 1842925
Conc: 43.66 ng/ml



#19 AR-1242-4

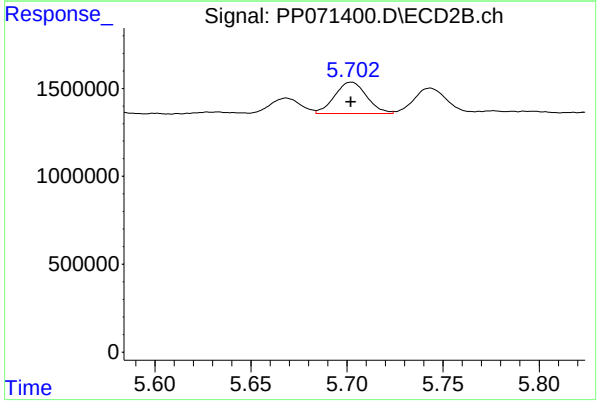
R.T.: 5.179 min
Delta R.T.: 0.000 min
Response: 1657188
Conc: 46.41 ng/ml



#20 AR-1242-5

R.T.: 6.582 min
Delta R.T.: 0.000 min
Response: 2190873
Conc: 47.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



#20 AR-1242-5

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 2070356
Conc: 47.59 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071401.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 13:45
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 14:30:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 14:27:59 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.515	3.813	187.9E6	132.5E6	97.145	92.221
2)	SA Decachlor...	10.237	8.850	137.9E6	82637510	96.283	95.713
	Target Compounds						
21)	L5 AR-1248-1	5.669	4.898	42447397	30996932	976.497	917.952
22)	L5 AR-1248-2	5.941	5.136	57932834	43624561	965.902	945.881
23)	L5 AR-1248-3	6.144	5.178	65030901	45791659	967.700	948.403
24)	L5 AR-1248-4	6.543	5.350	80777360	53871444	963.427	957.270
25)	L5 AR-1248-5	6.582	5.743	76029464	52150607	969.727	950.272

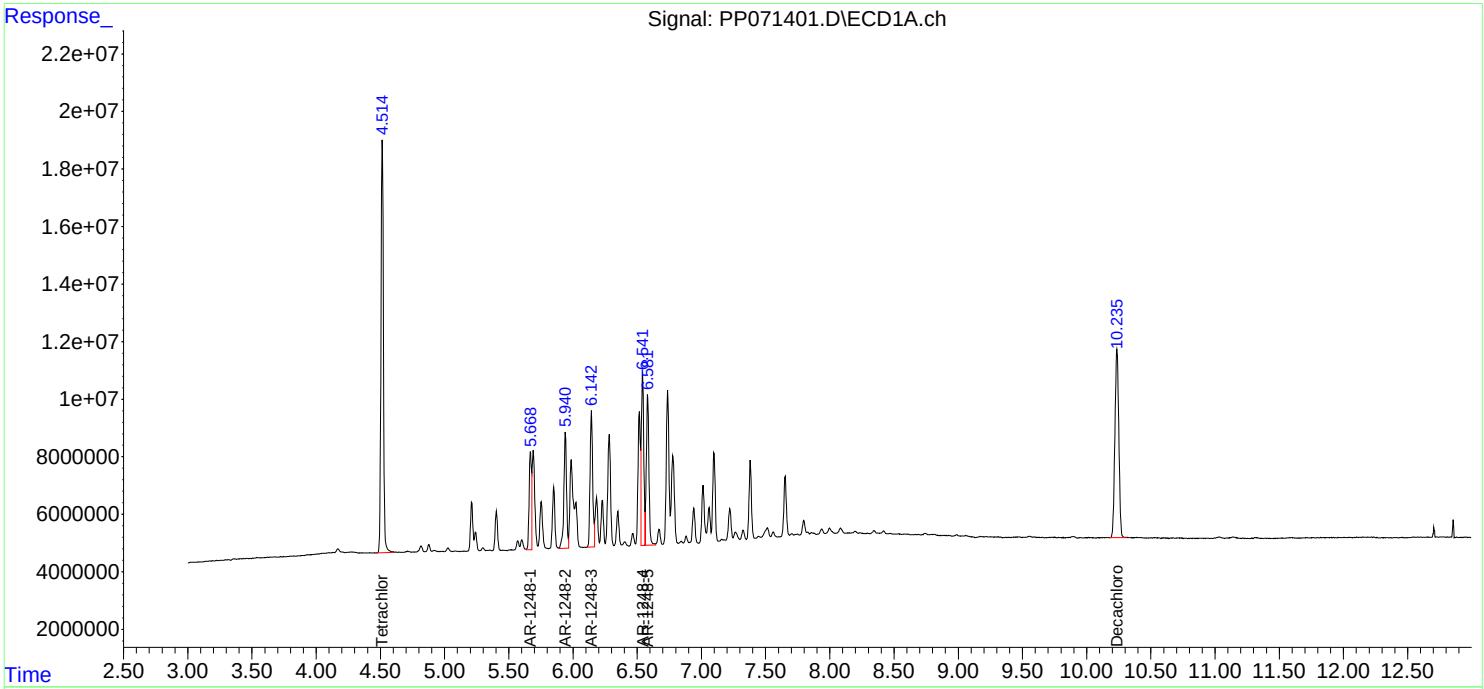
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

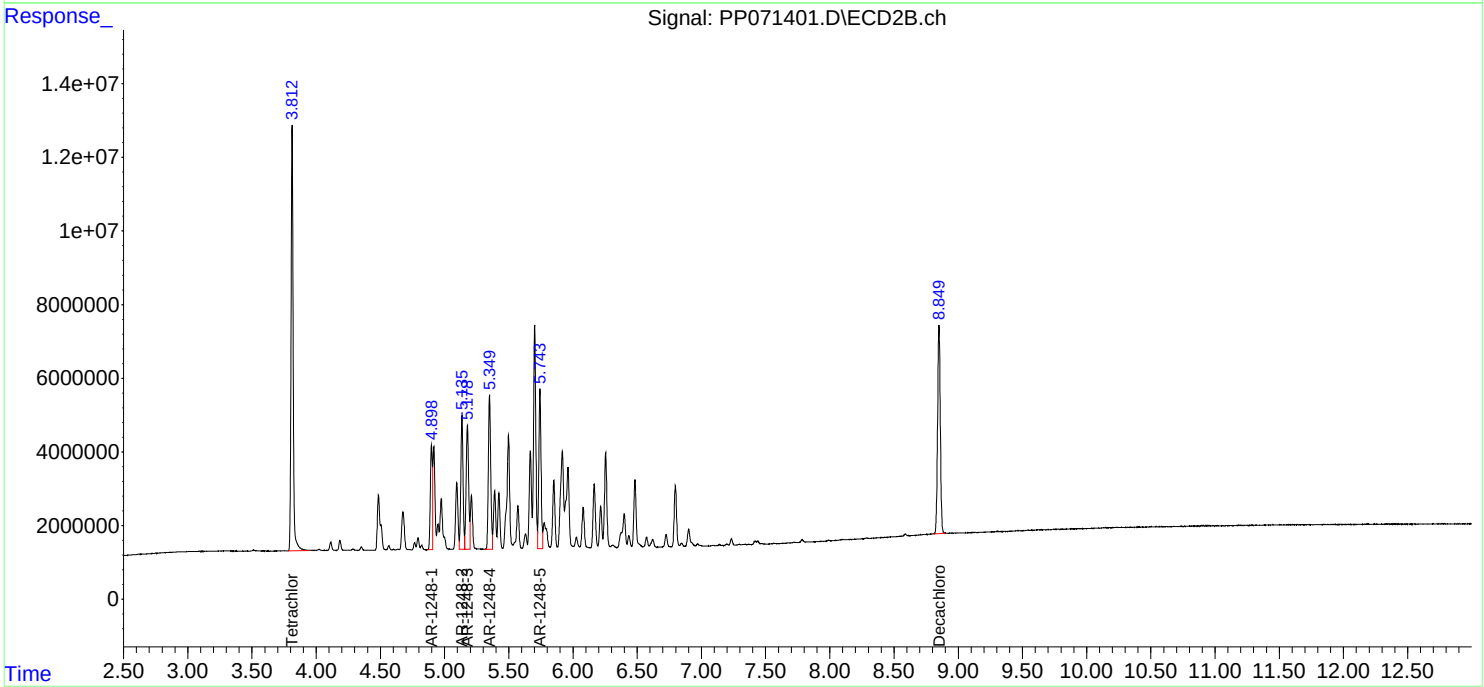
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071401.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 13:45
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

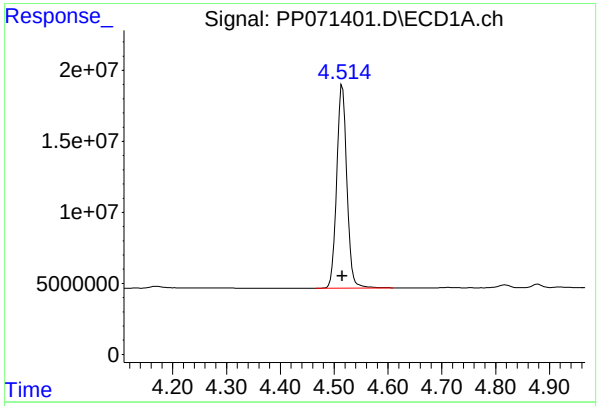
Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 14:30:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 14:27:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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



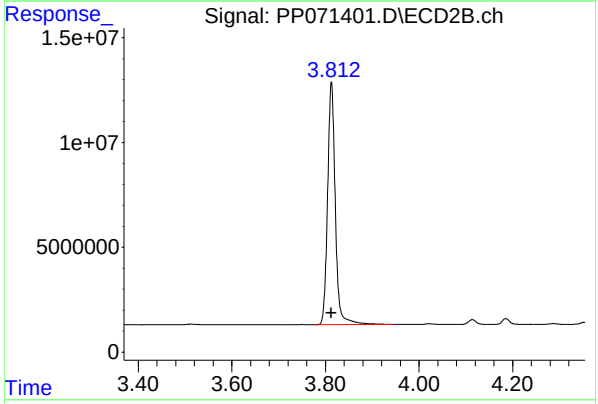




#1 Tetrachloro-m-xylene

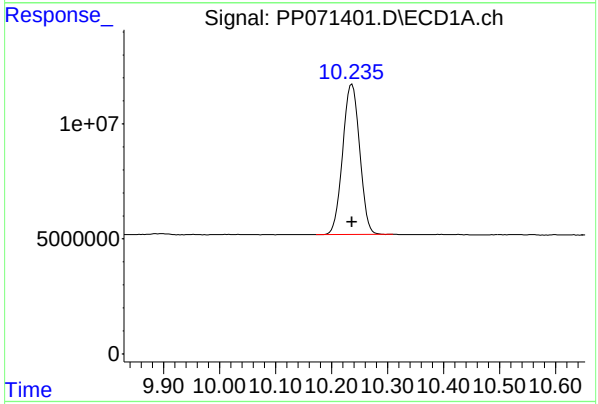
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 187919144
Conc: 97.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



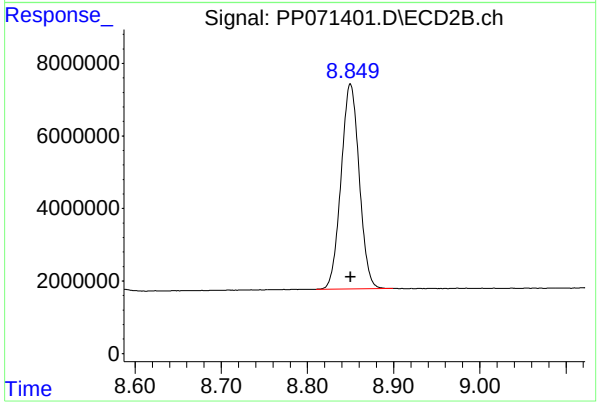
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 132471223
Conc: 92.22 ng/ml



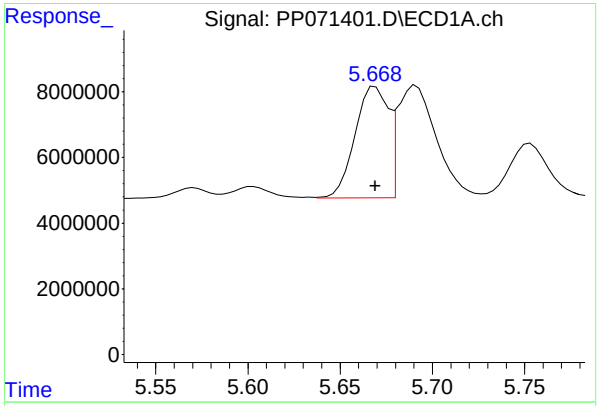
#2 Decachlorobiphenyl

R.T.: 10.237 min
Delta R.T.: 0.000 min
Response: 137913077
Conc: 96.28 ng/ml



#2 Decachlorobiphenyl

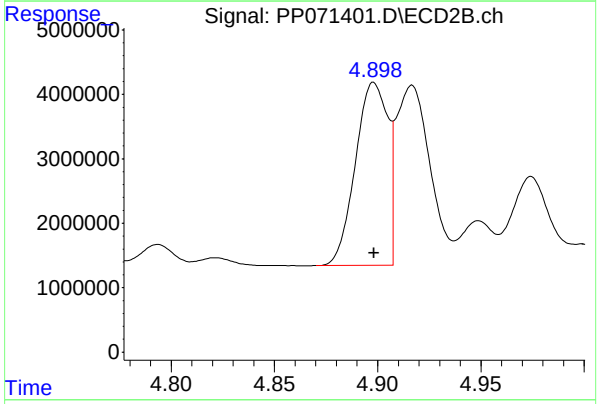
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 82637510
Conc: 95.71 ng/ml



#21 AR-1248-1

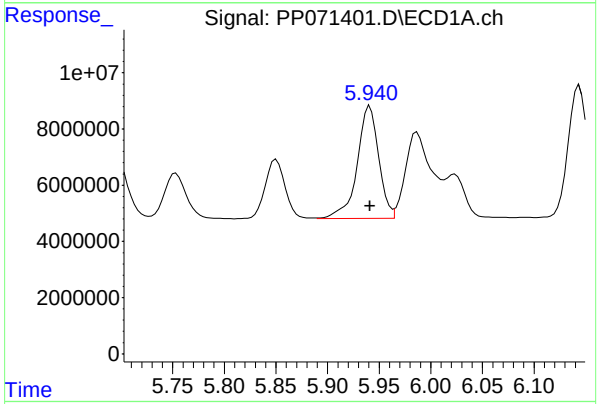
R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 42447397
Conc: 976.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



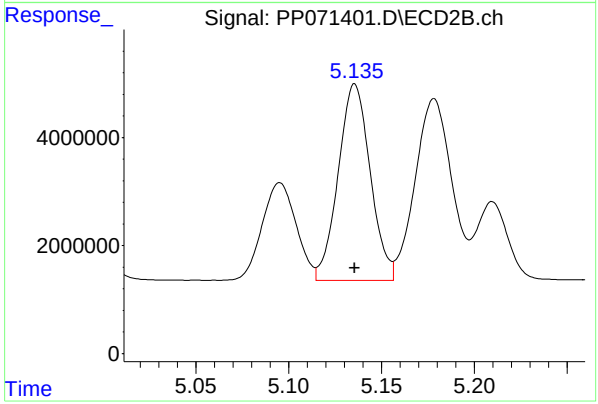
#21 AR-1248-1

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 30996932
Conc: 917.95 ng/ml



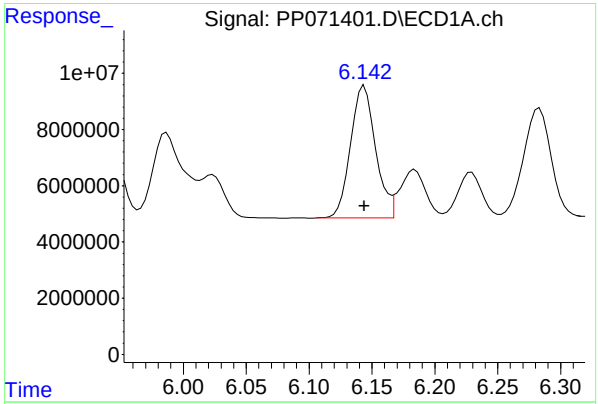
#22 AR-1248-2

R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 57932834
Conc: 965.90 ng/ml



#22 AR-1248-2

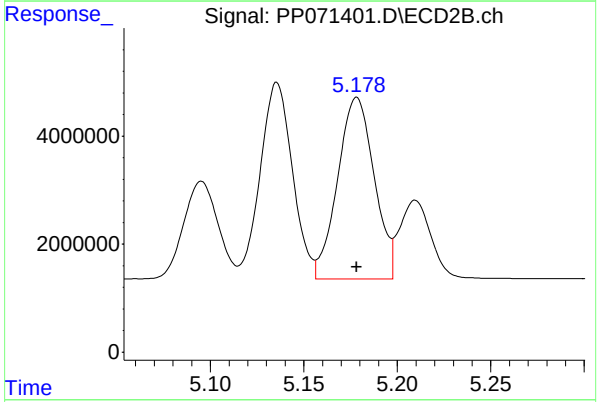
R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 43624561
Conc: 945.88 ng/ml



#23 AR-1248-3

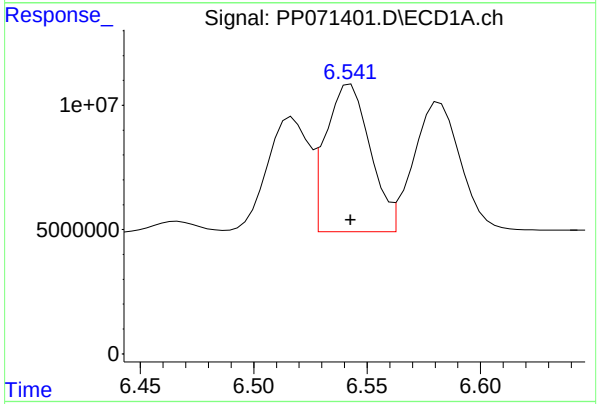
R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 65030901
Conc: 967.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



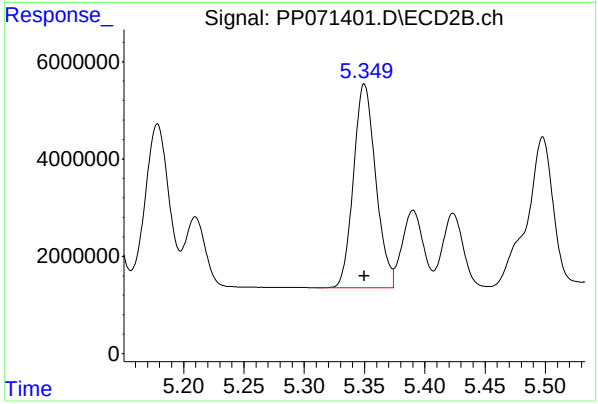
#23 AR-1248-3

R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 45791659
Conc: 948.40 ng/ml



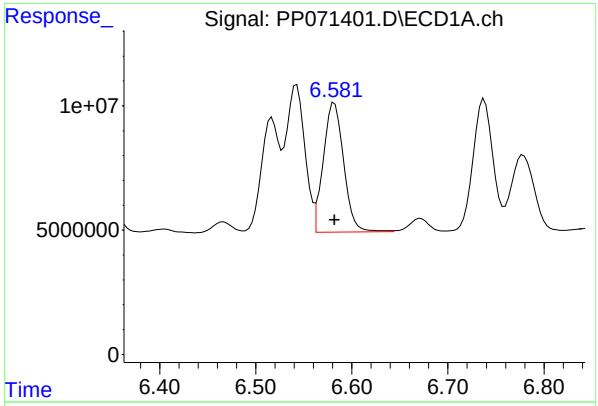
#24 AR-1248-4

R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 80777360
Conc: 963.43 ng/ml



#24 AR-1248-4

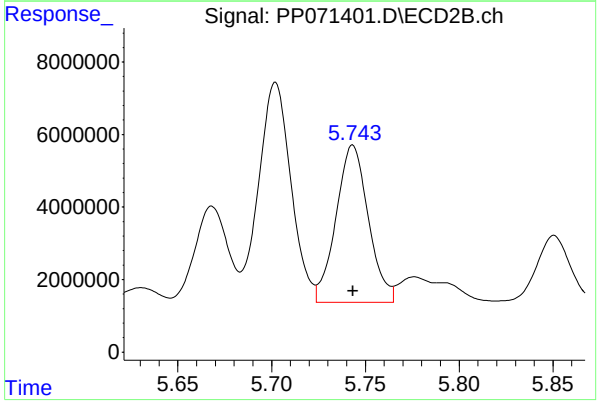
R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 53871444
Conc: 957.27 ng/ml



#25 AR-1248-5

R.T.: 6.582 min
Delta R.T.: 0.000 min
Response: 76029464
Conc: 969.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



#25 AR-1248-5

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 52150607
Conc: 950.27 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071402.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 14:01
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 14:33:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 14:27:59 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.516	3.813	144.4E6	113.6E6	74.770	77.657
2)	SA Decachlor...	10.238	8.850	108.0E6	64556701	75.275	74.847
	Target Compounds						
21)	L5 AR-1248-1	5.670	4.898	32527847	26959361	748.865	781.576
22)	L5 AR-1248-2	5.941	5.135	45161422	35482042	751.976	762.779
23)	L5 AR-1248-3	6.144	5.177	51040114	37424945	756.312	766.560
24)	L5 AR-1248-4	6.543	5.350	63330814	43921936	753.553	770.043
25)	L5 AR-1248-5	6.583	5.743	58877047	42217581	750.636	762.741

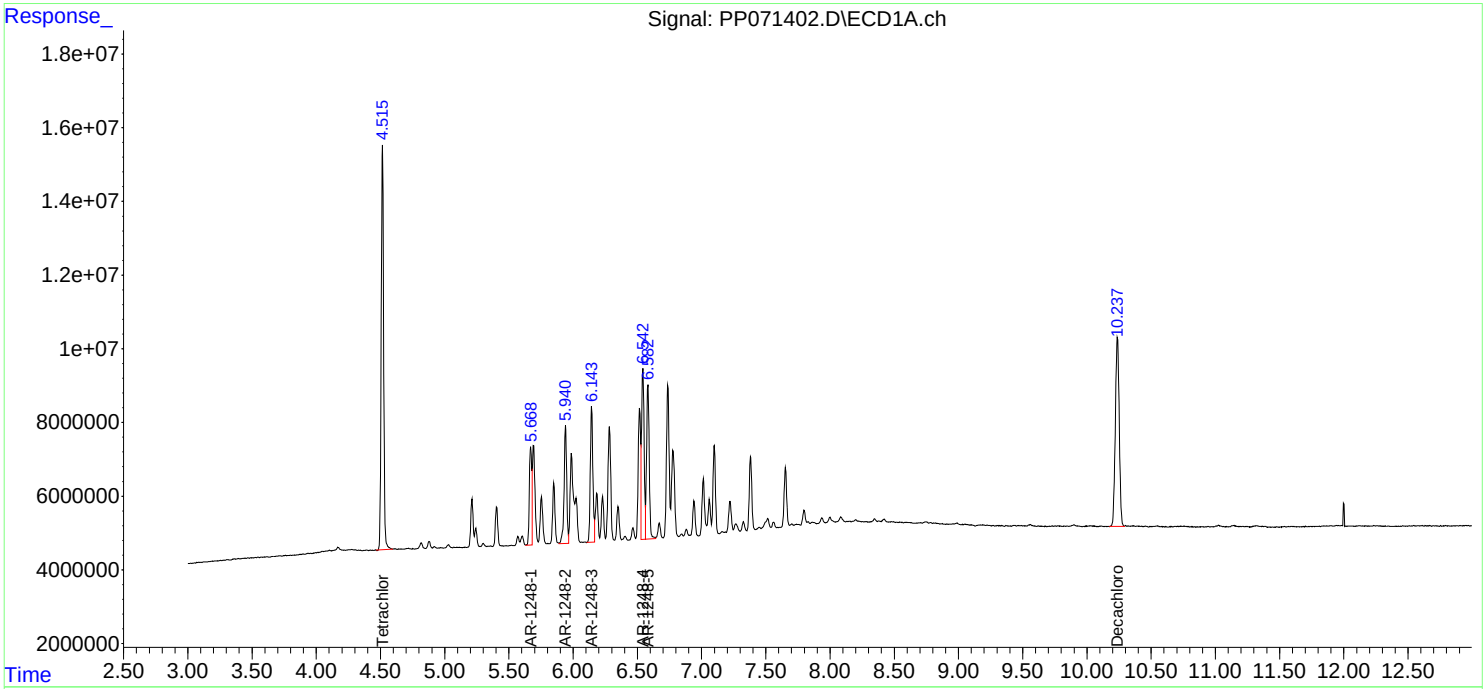
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

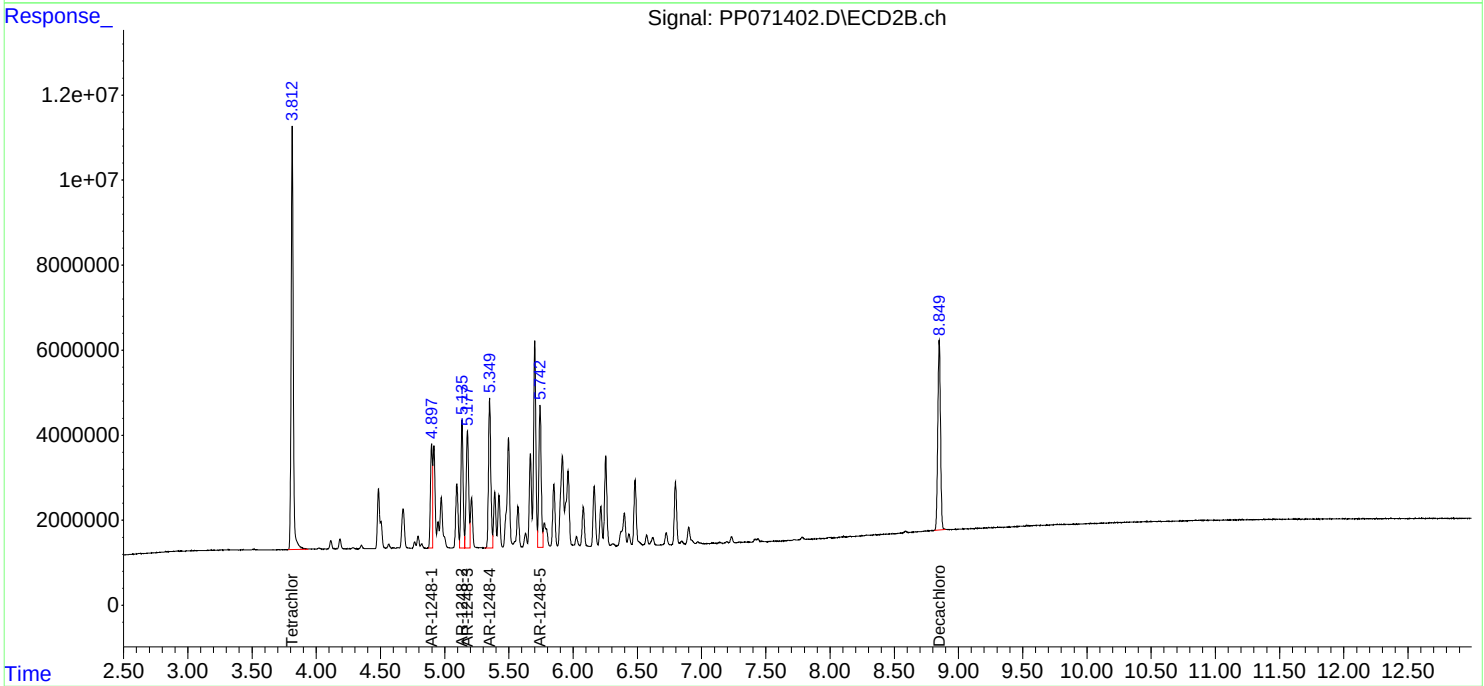
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071402.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 14:01
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

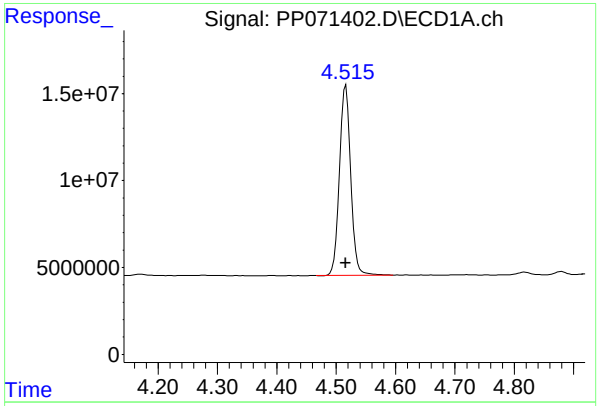
Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 14:33:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 14:27:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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



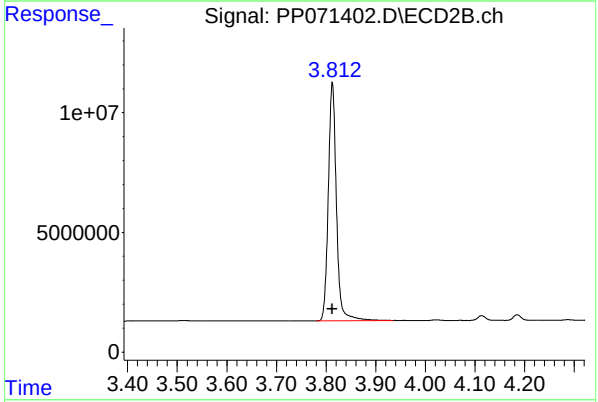




#1 Tetrachloro-m-xylene

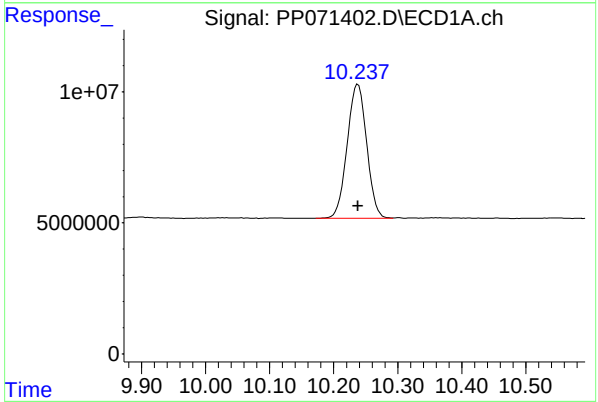
R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 144413867
Conc: 74.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



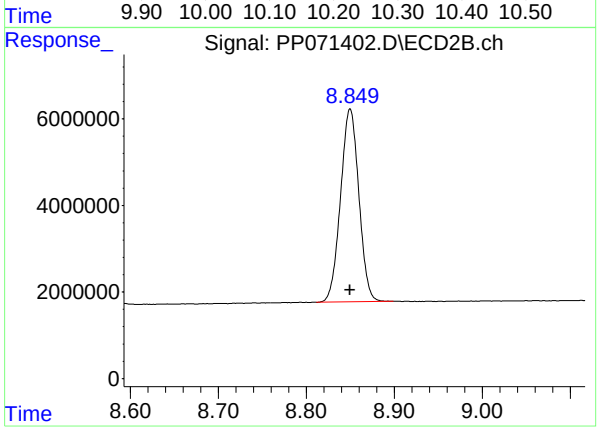
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 113561766
Conc: 77.66 ng/ml



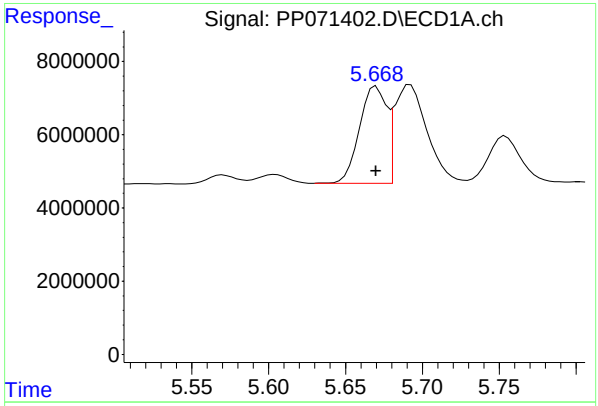
#2 Decachlorobiphenyl

R.T.: 10.238 min
Delta R.T.: 0.000 min
Response: 108020118
Conc: 75.28 ng/ml



#2 Decachlorobiphenyl

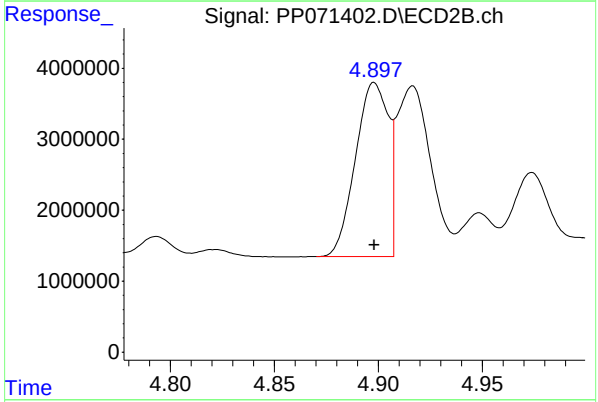
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 64556701
Conc: 74.85 ng/ml



#21 AR-1248-1

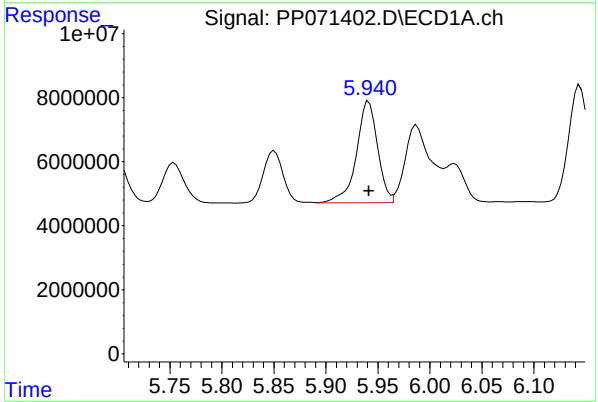
R.T.: 5.670 min
Delta R.T.: 0.000 min
Response: 32527847
Conc: 748.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



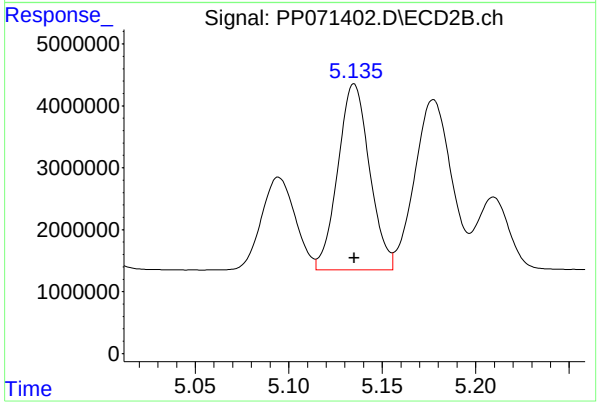
#21 AR-1248-1

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 26959361
Conc: 781.58 ng/ml



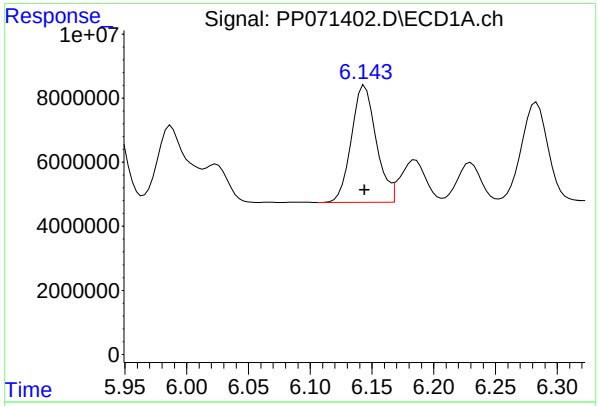
#22 AR-1248-2

R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 45161422
Conc: 751.98 ng/ml



#22 AR-1248-2

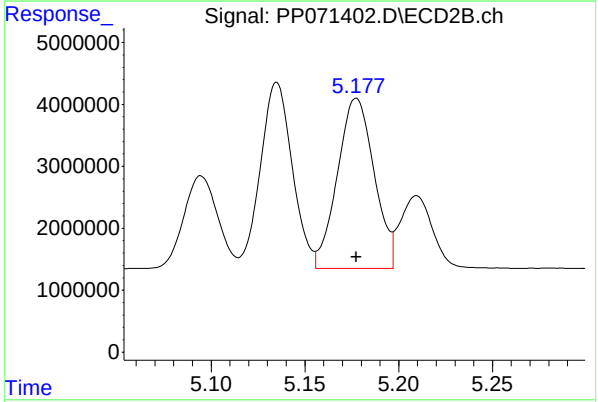
R.T.: 5.135 min
Delta R.T.: 0.000 min
Response: 35482042
Conc: 762.78 ng/ml



#23 AR-1248-3

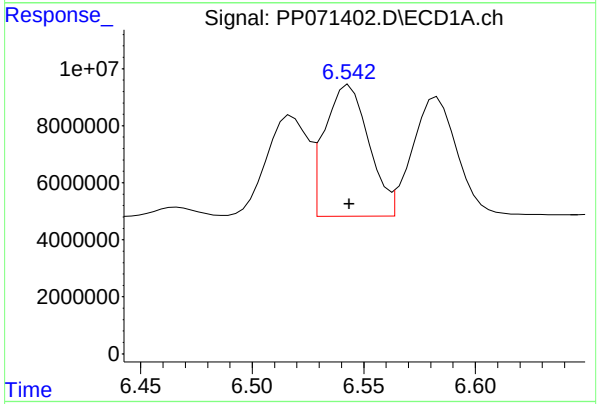
R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 51040114
Conc: 756.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



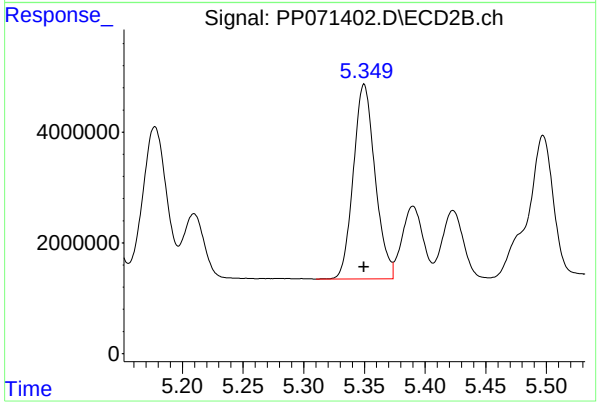
#23 AR-1248-3

R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 37424945
Conc: 766.56 ng/ml



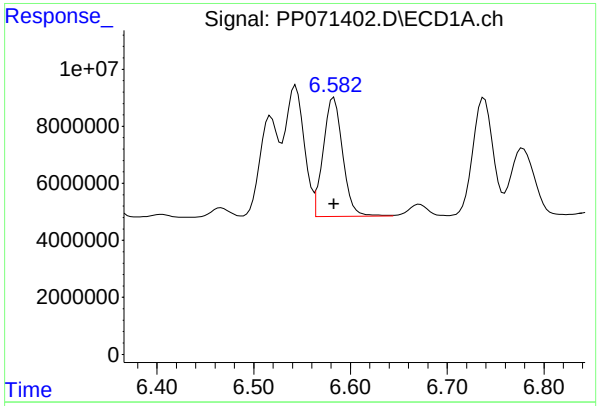
#24 AR-1248-4

R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 63330814
Conc: 753.55 ng/ml



#24 AR-1248-4

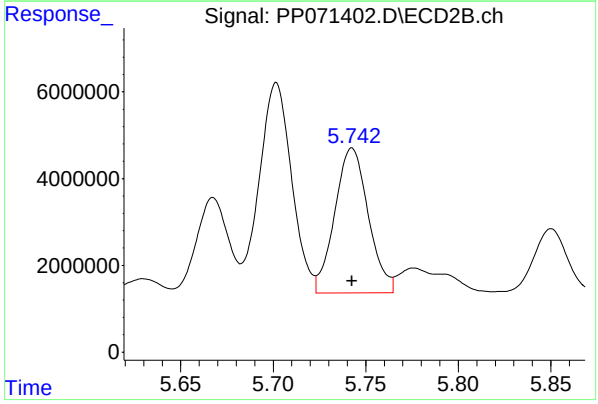
R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 43921936
Conc: 770.04 ng/ml



#25 AR-1248-5

R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 58877047
Conc: 750.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



#25 AR-1248-5

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 42217581
Conc: 762.74 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071403.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 14:17
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 14:28:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 14:27:59 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.514	3.813	99482021	77410182	50.000	50.000
2)	SA Decachlor...	10.237	8.850	74280984	45020002	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	5.668	4.898	22245336	18269007	500.000	500.000
22)	L5 AR-1248-2	5.940	5.136	31011521	24308259	500.000	500.000
23)	L5 AR-1248-3	6.142	5.178	34686045	25387087	500.000	500.000
24)	L5 AR-1248-4	6.542	5.350	43455122	29340392	500.000	500.000
25)	L5 AR-1248-5	6.581	5.743	40388237	28804357	500.000	500.000

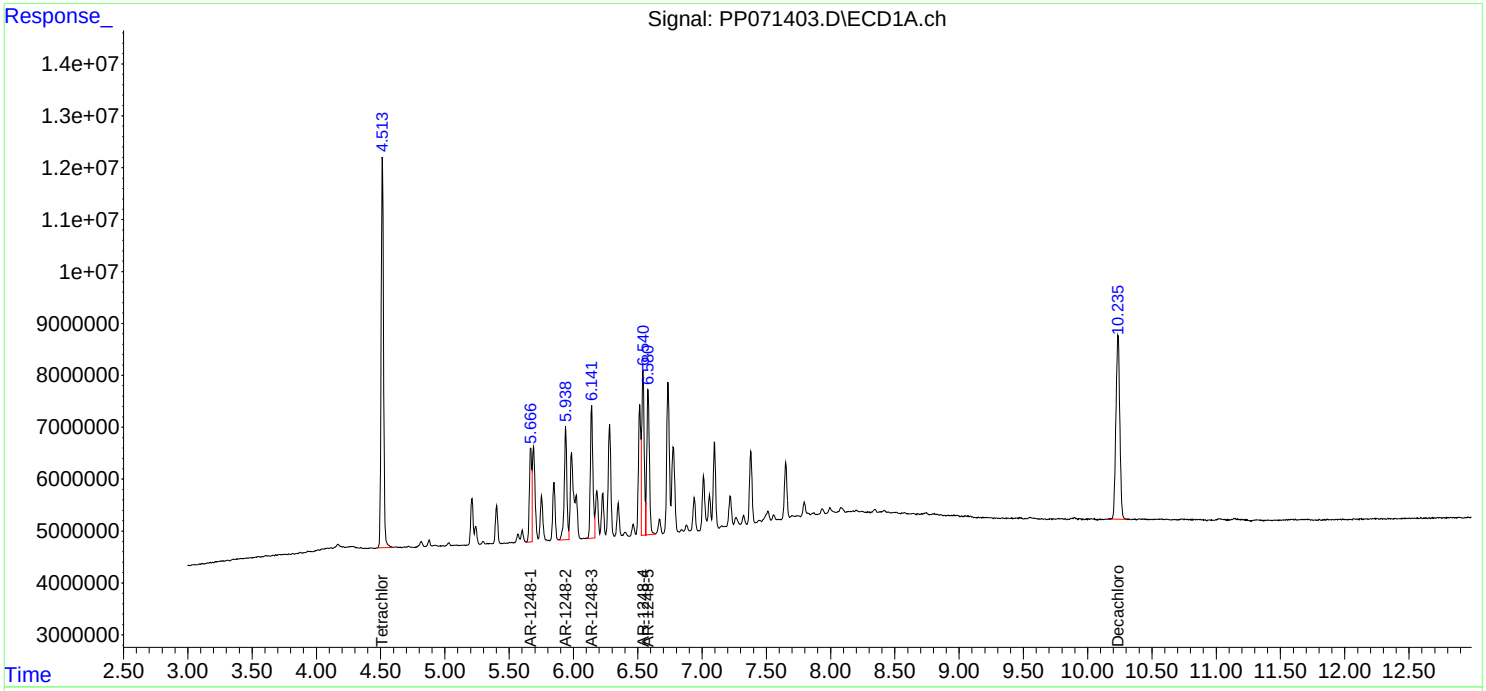
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

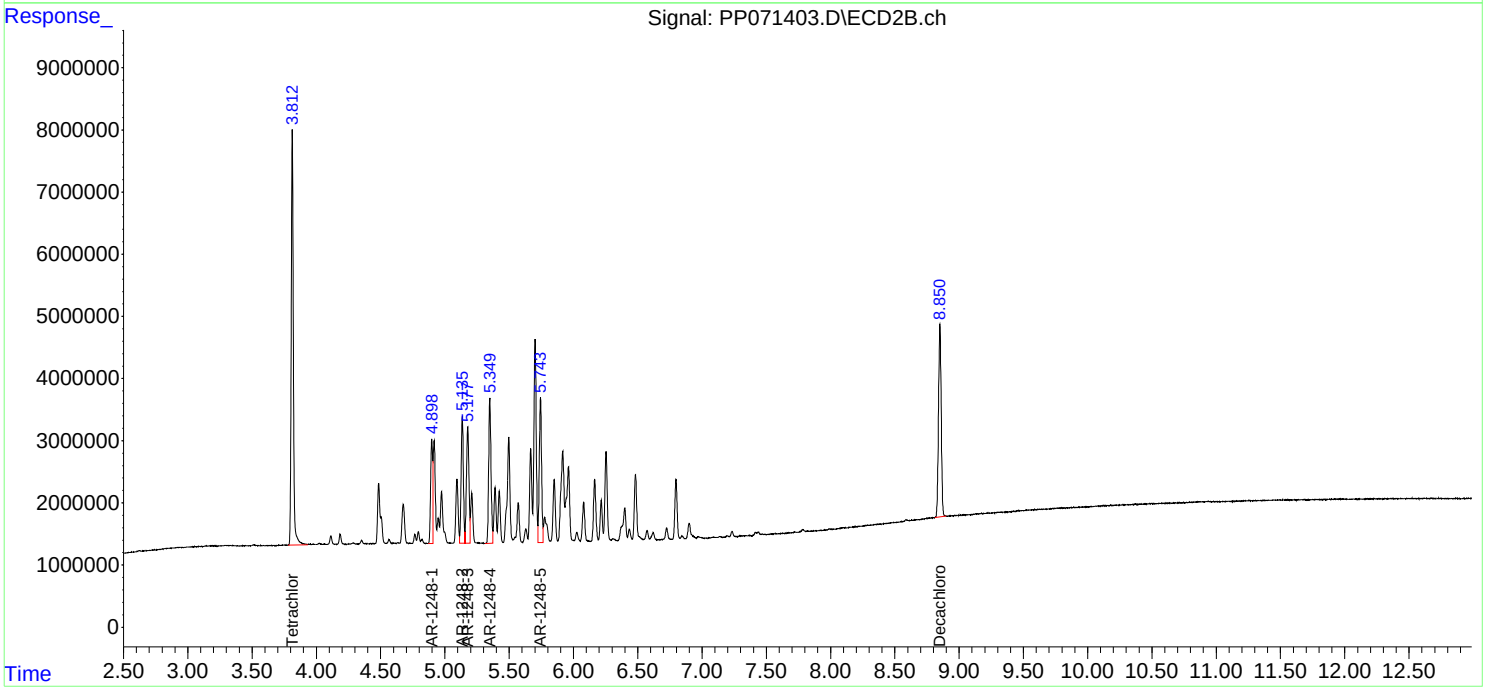
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071403.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 14:17
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

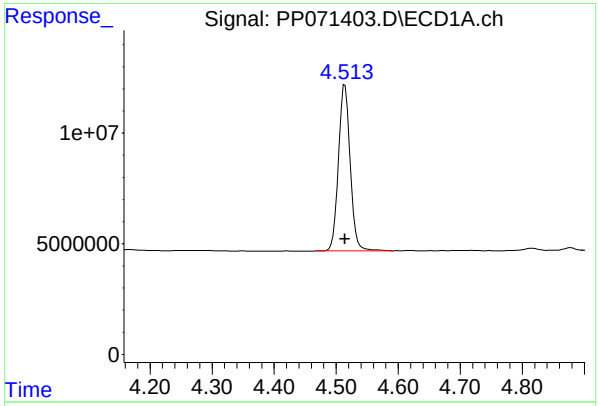
Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 14:28:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 14:27:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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



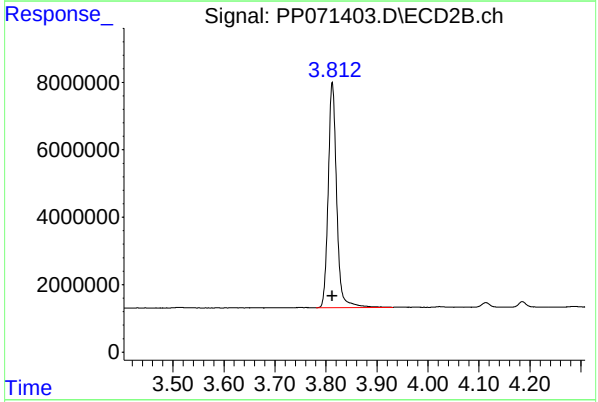




#1 Tetrachloro-m-xylene

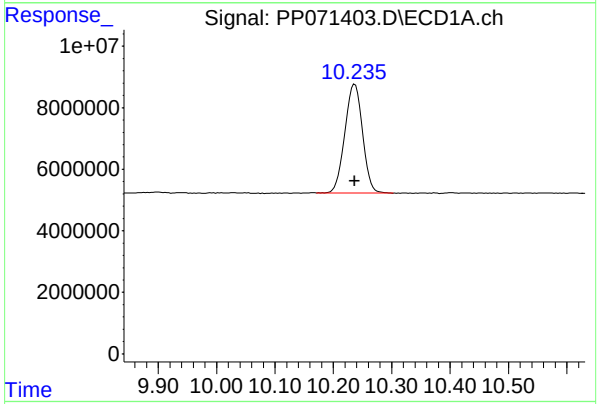
R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 99482021
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



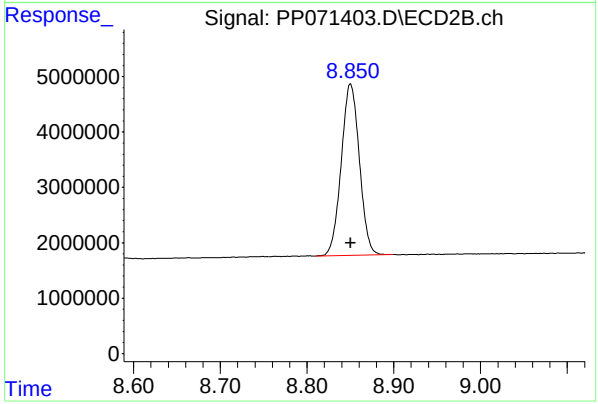
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 77410182
Conc: 50.00 ng/ml



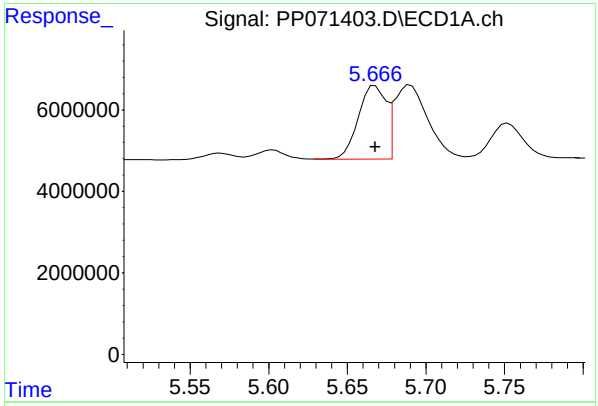
#2 Decachlorobiphenyl

R.T.: 10.237 min
Delta R.T.: 0.000 min
Response: 74280984
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

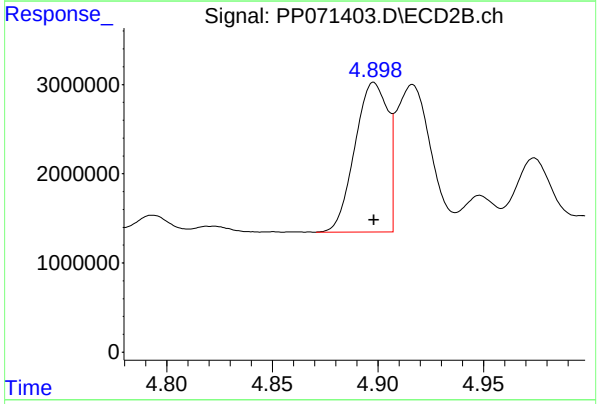
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 45020002
Conc: 50.00 ng/ml



#21 AR-1248-1

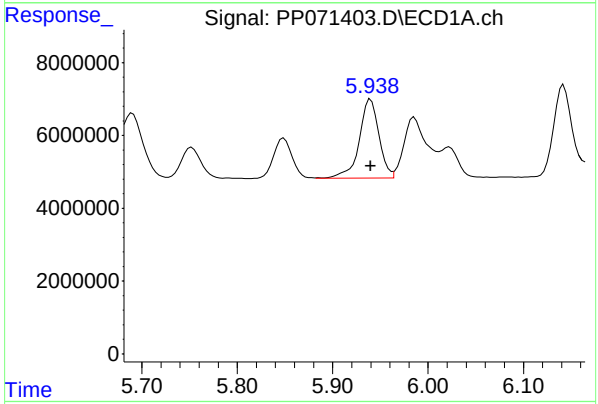
R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 22245336
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



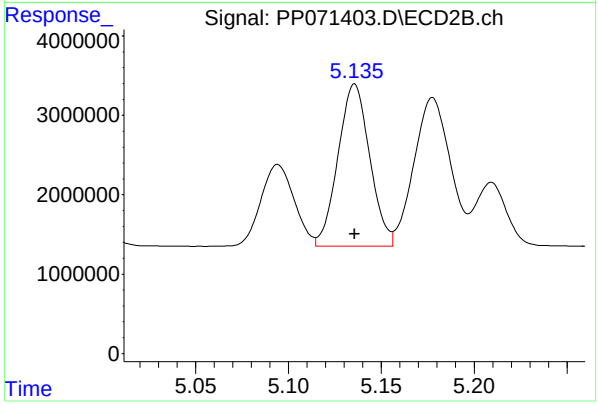
#21 AR-1248-1

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 18269007
Conc: 500.00 ng/ml



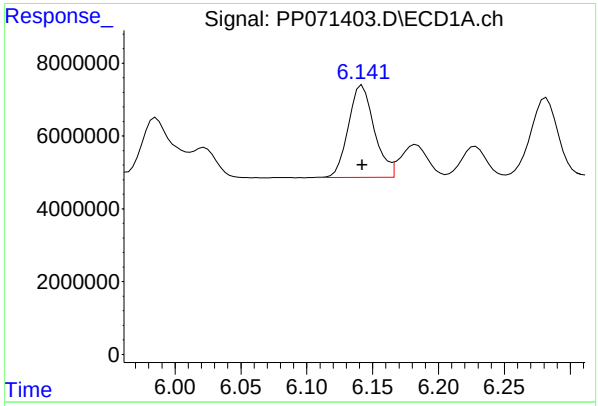
#22 AR-1248-2

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 31011521
Conc: 500.00 ng/ml



#22 AR-1248-2

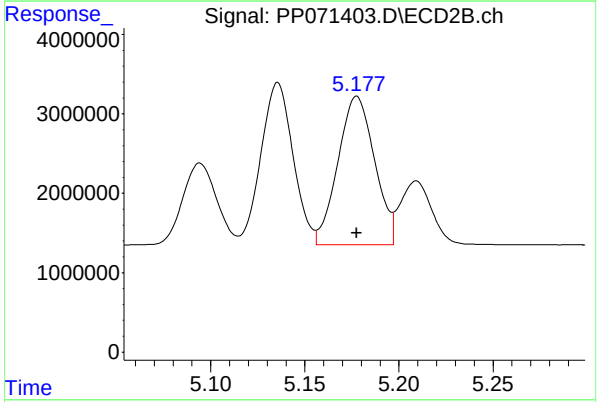
R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 24308259
Conc: 500.00 ng/ml



#23 AR-1248-3

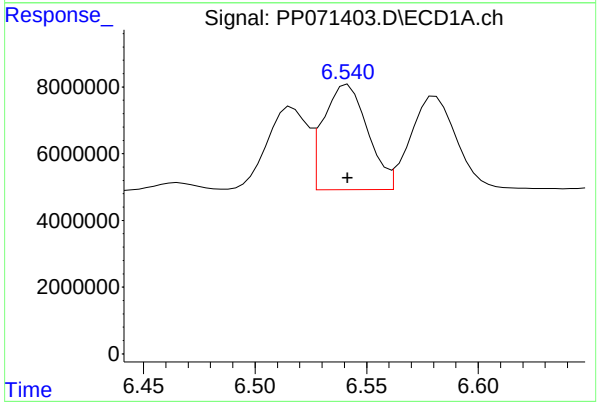
R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 34686045
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



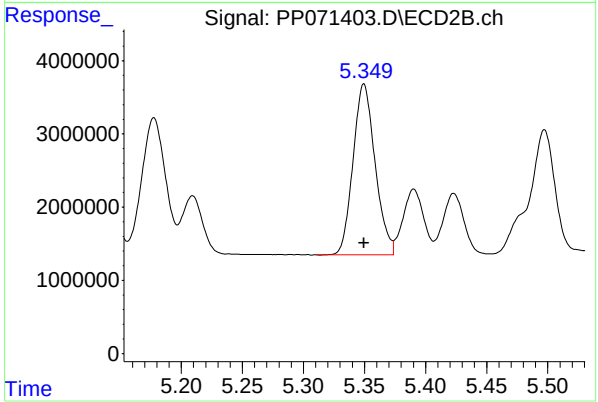
#23 AR-1248-3

R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 25387087
Conc: 500.00 ng/ml



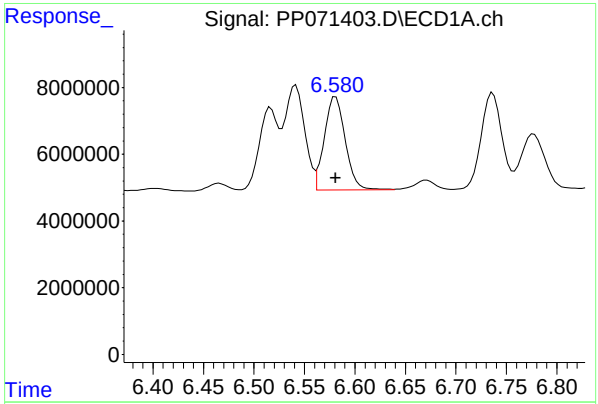
#24 AR-1248-4

R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 43455122
Conc: 500.00 ng/ml



#24 AR-1248-4

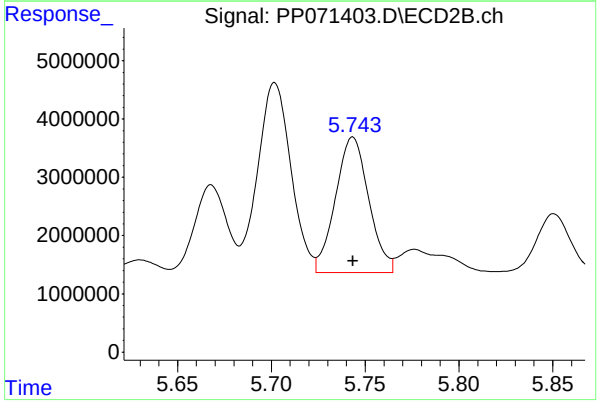
R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 29340392
Conc: 500.00 ng/ml



#25 AR-1248-5

R.T.: 6.581 min
Delta R.T.: 0.000 min
Response: 40388237
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



#25 AR-1248-5

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 28804357
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071404.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 14:33
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 14:46:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 14:46:22 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.514	3.812	50940076	35871474	26.017	24.646
2)	SA Decachlor...	10.236	8.850	38029945	23509396	26.110	26.655
	Target Compounds						
21)	L5 AR-1248-1	5.668	4.898	11434087	9814021	259.799	275.024
22)	L5 AR-1248-2	5.940	5.135	15821478	13376378	259.947	277.150
23)	L5 AR-1248-3	6.143	5.178	17579514	14000544	257.788	276.598
24)	L5 AR-1248-4	6.542	5.350	22285729	16222320	261.208	274.950
25)	L5 AR-1248-5	6.581	5.743	20888056	16317809	262.033	282.168

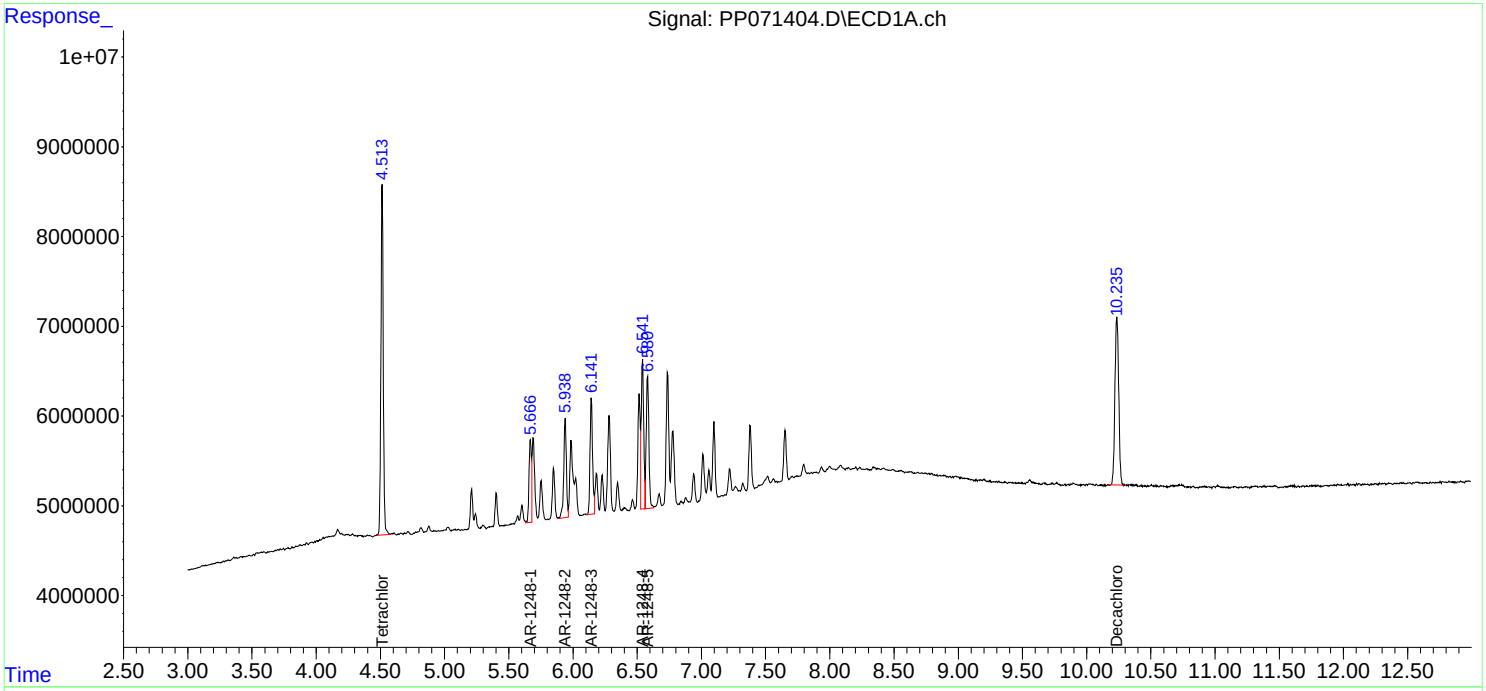
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

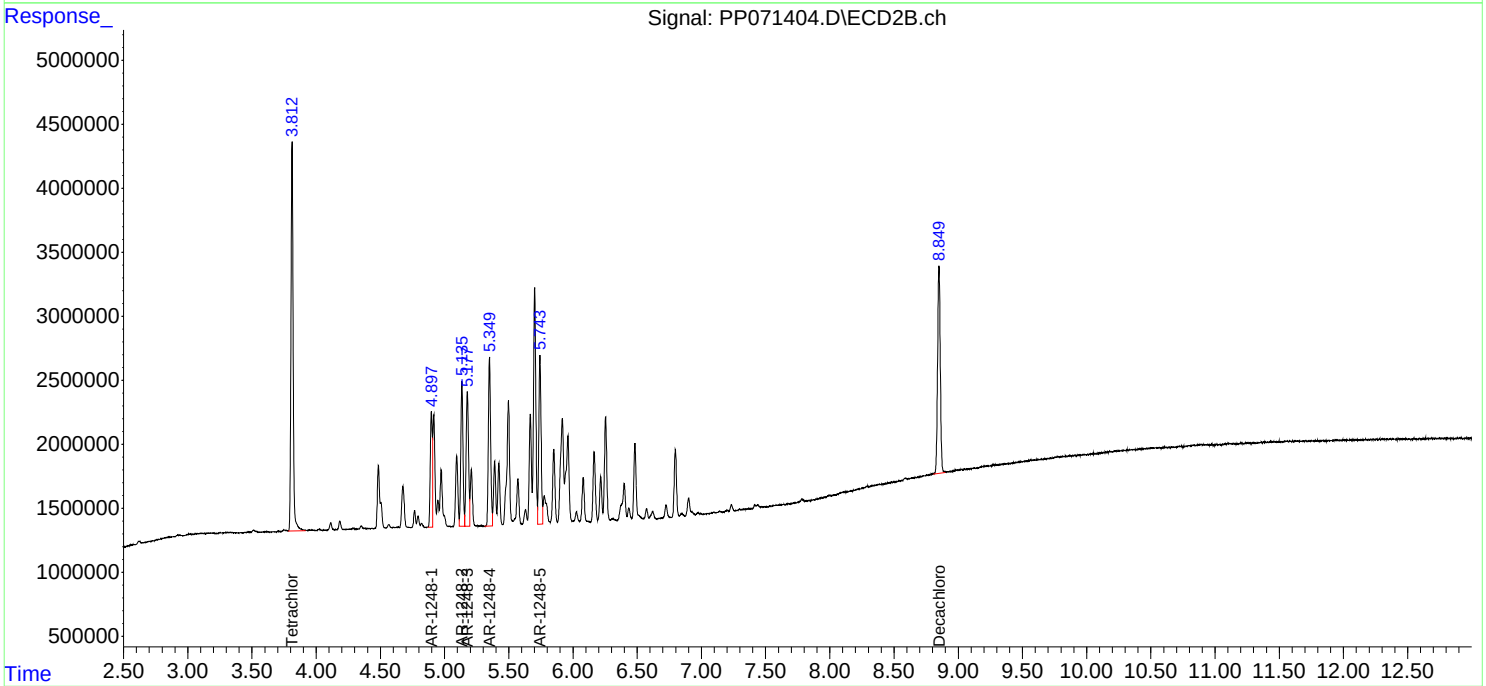
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071404.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 14:33
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

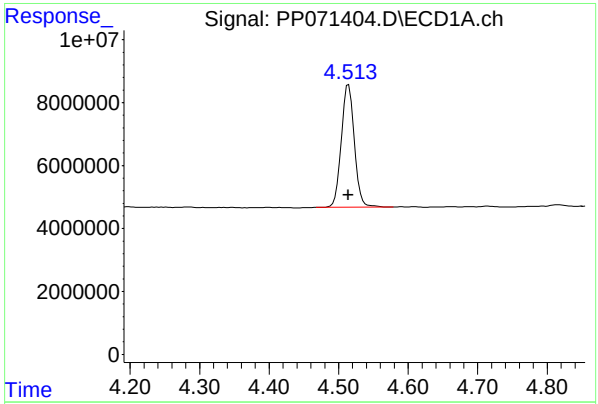
Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 14:46:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 14:46:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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



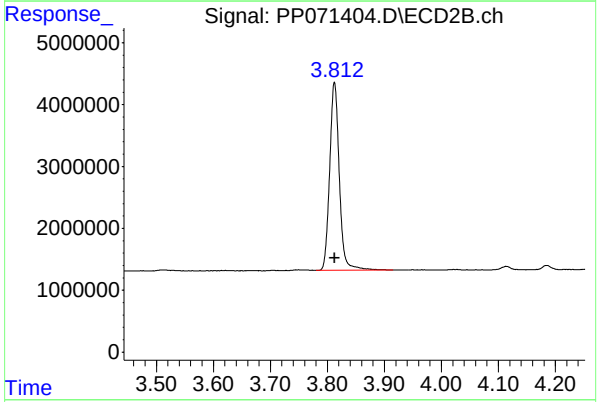




#1 Tetrachloro-m-xylene

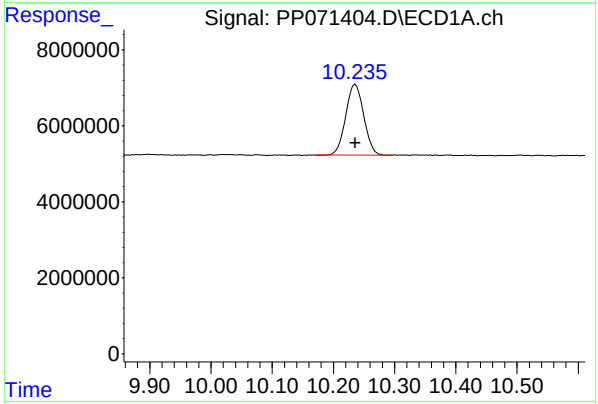
R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 50940076
Conc: 26.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



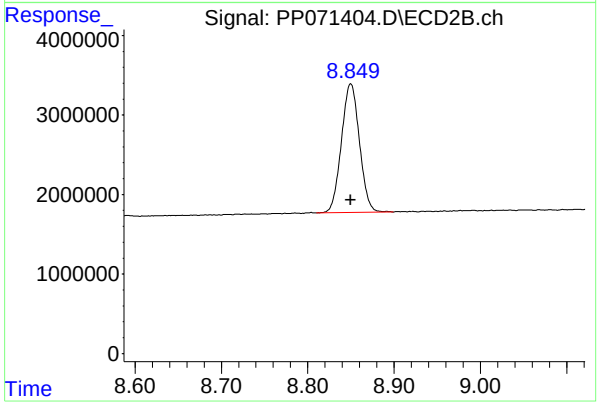
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 35871474
Conc: 24.65 ng/ml



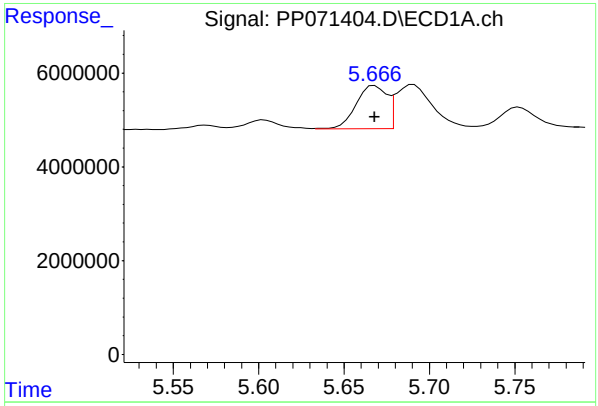
#2 Decachlorobiphenyl

R.T.: 10.236 min
Delta R.T.: 0.000 min
Response: 38029945
Conc: 26.11 ng/ml



#2 Decachlorobiphenyl

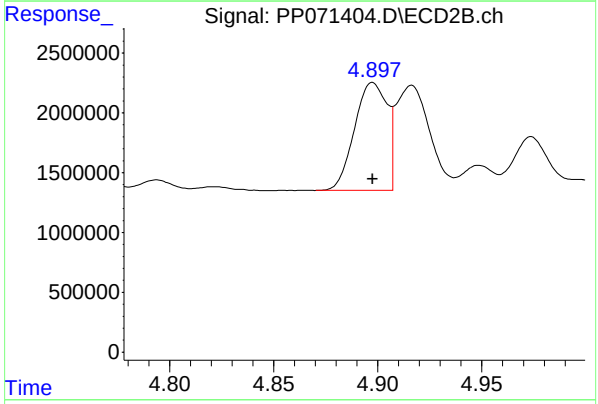
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 23509396
Conc: 26.66 ng/ml



#21 AR-1248-1

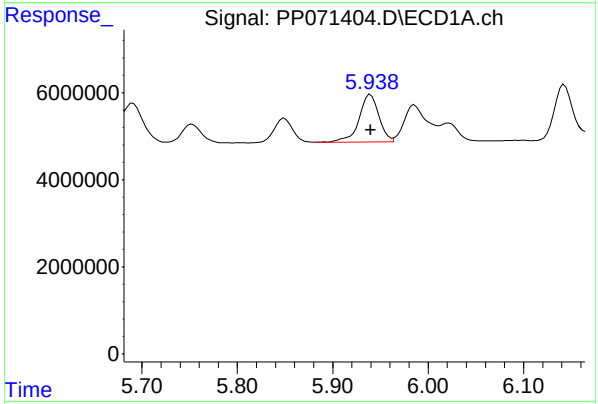
R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 11434087
Conc: 259.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



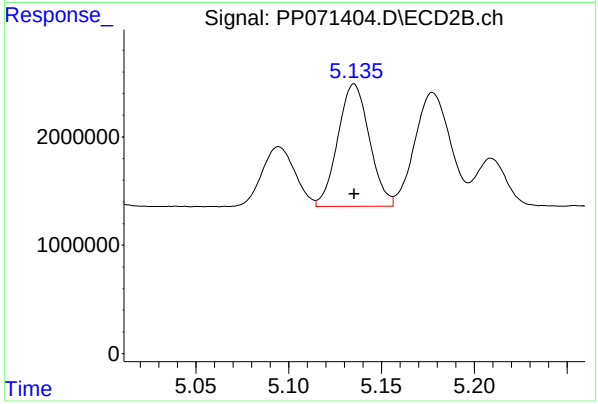
#21 AR-1248-1

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 9814021
Conc: 275.02 ng/ml



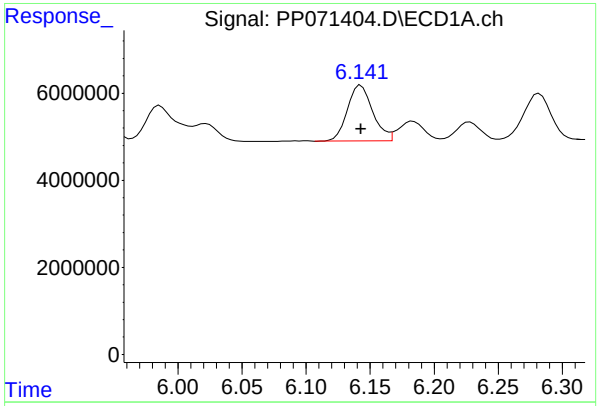
#22 AR-1248-2

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 15821478
Conc: 259.95 ng/ml



#22 AR-1248-2

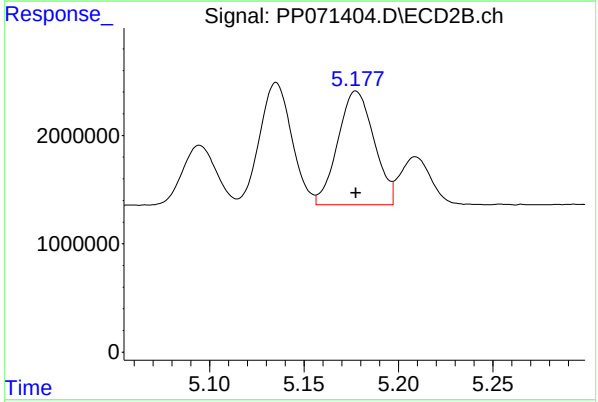
R.T.: 5.135 min
Delta R.T.: 0.000 min
Response: 13376378
Conc: 277.15 ng/ml



#23 AR-1248-3

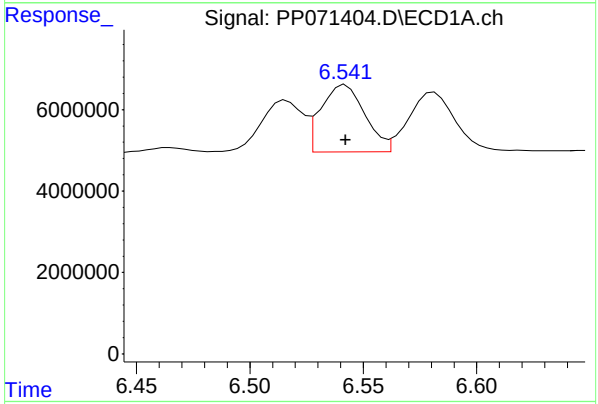
R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 17579514
Conc: 257.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



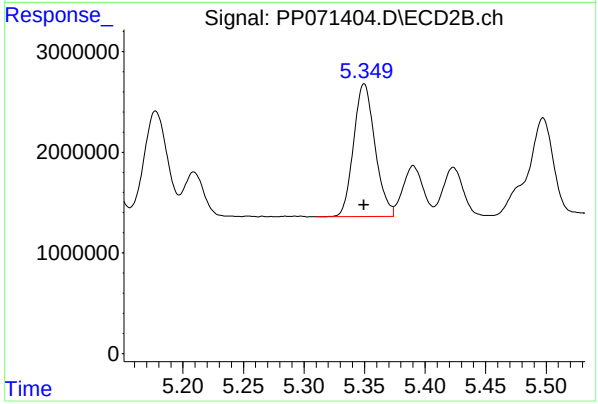
#23 AR-1248-3

R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 14000544
Conc: 276.60 ng/ml



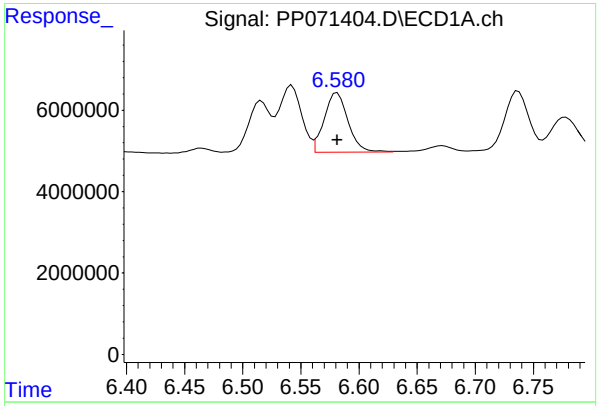
#24 AR-1248-4

R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 22285729
Conc: 261.21 ng/ml



#24 AR-1248-4

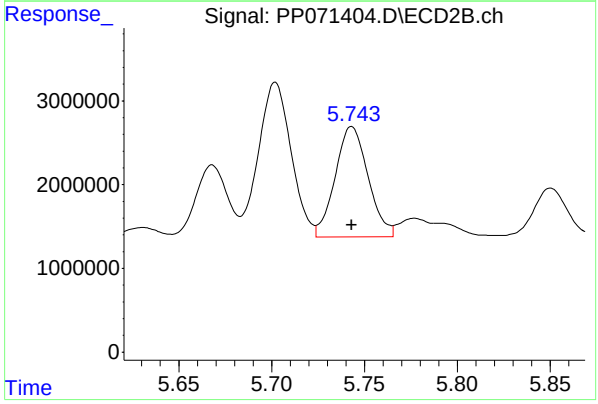
R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 16222320
Conc: 274.95 ng/ml



#25 AR-1248-5

R.T.: 6.581 min
Delta R.T.: 0.000 min
Response: 20888056
Conc: 262.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



#25 AR-1248-5

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 16317809
Conc: 282.17 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071405.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 14:50
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 15:04:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 15:04:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.513	3.813	9059747	7084653	4.697	4.893
2)	SA Decachlor...	10.236	8.850	6791716	4608858	4.727	5.179
	Target Compounds						
21)	L5 AR-1248-1	5.667	4.899	1932478	1889804	45.005	52.340
22)	L5 AR-1248-2	5.939	5.136	2935274	2587801	48.571	52.853
23)	L5 AR-1248-3	6.142	5.178	3057380	2647979	45.780	51.834
24)	L5 AR-1248-4	6.541	5.350	4089143	3364119	48.329	55.461
25)	L5 AR-1248-5	6.581	5.744	3919031	3006686	49.328	51.581

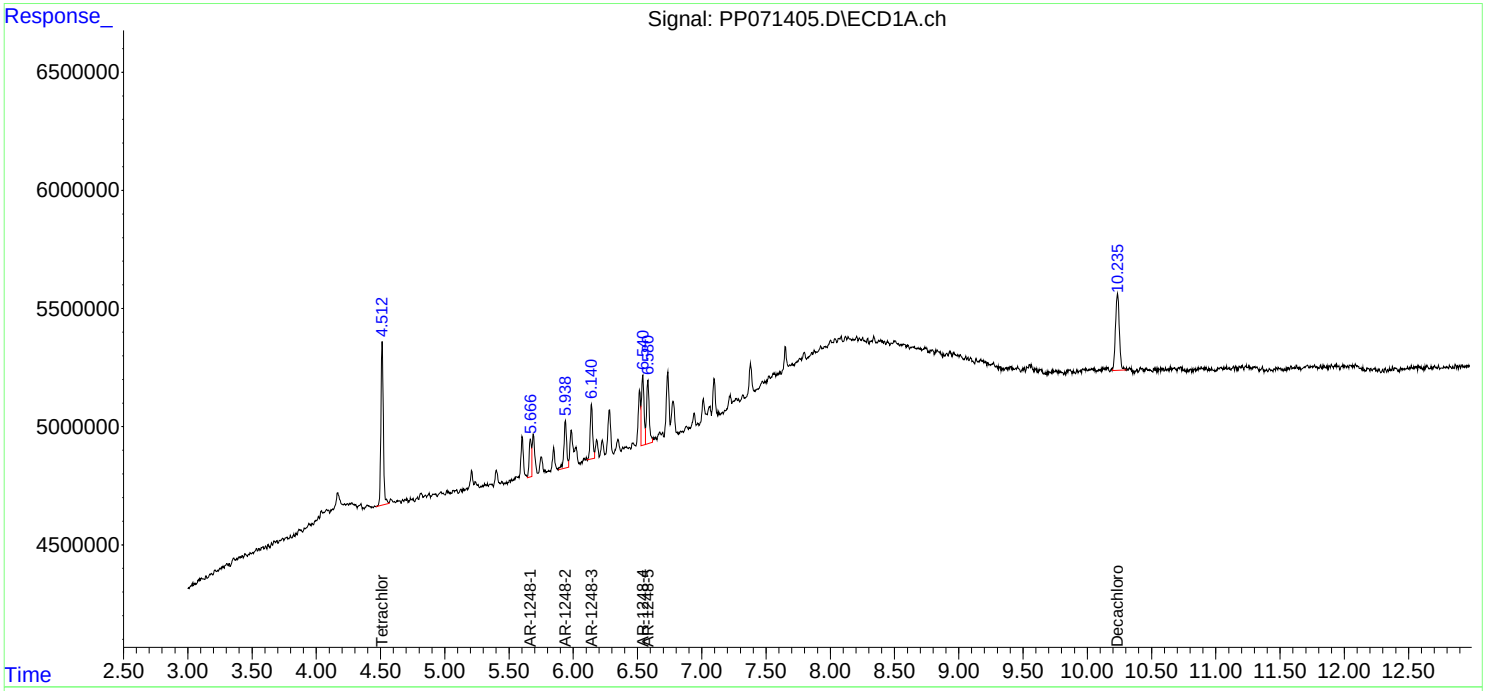
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

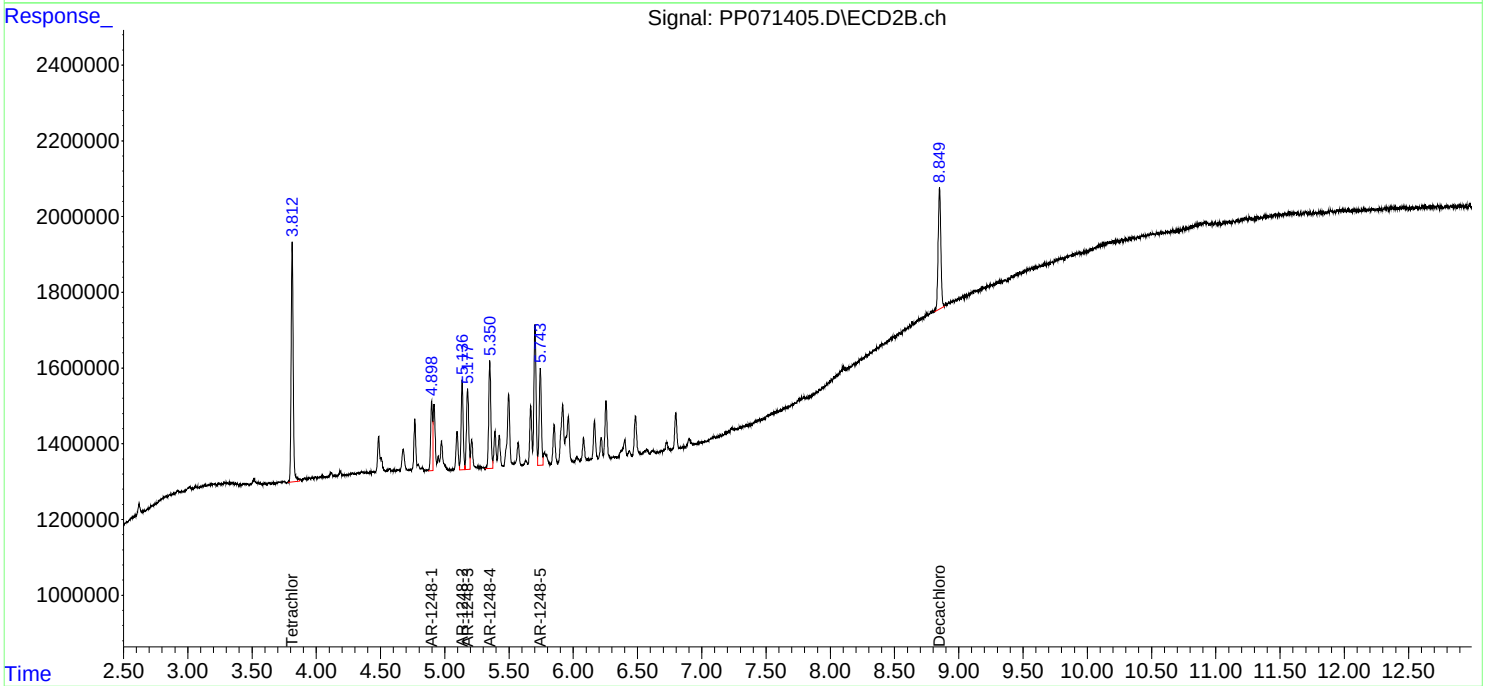
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071405.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 14:50
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

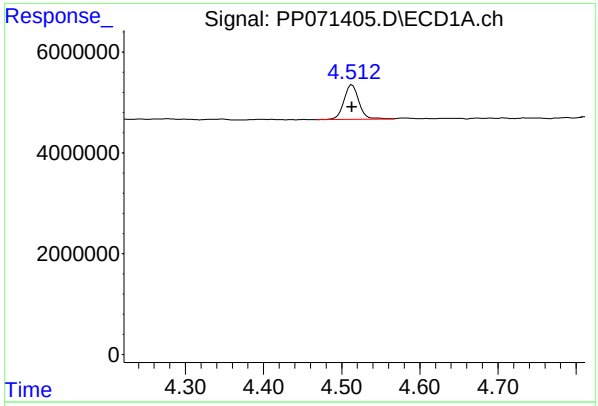
Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 15:04:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 15:04:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



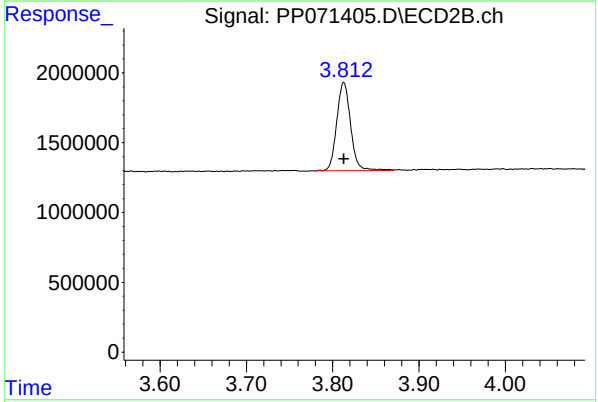




#1 Tetrachloro-m-xylene

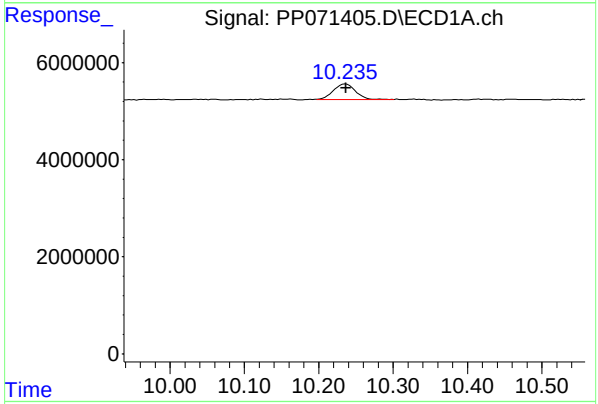
R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 9059747
Conc: 4.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



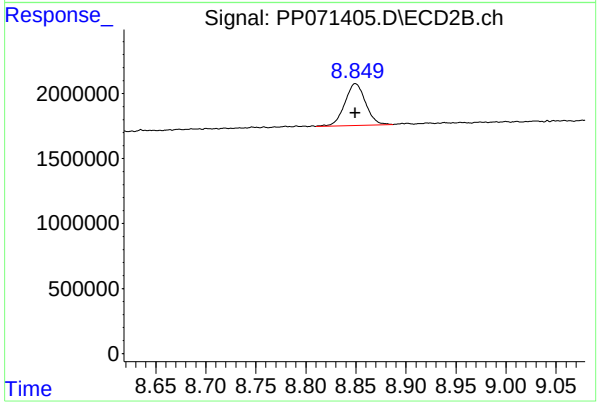
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 7084653
Conc: 4.89 ng/ml



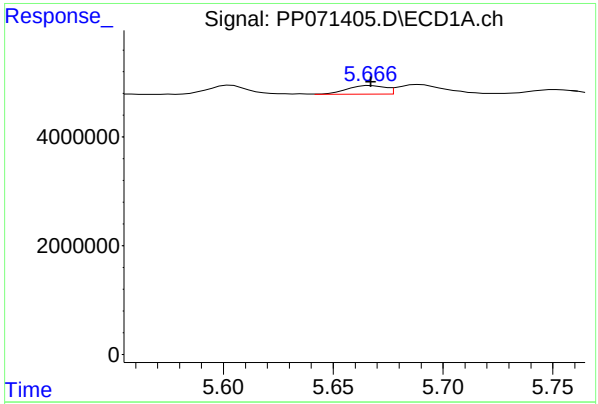
#2 Decachlorobiphenyl

R.T.: 10.236 min
Delta R.T.: 0.000 min
Response: 6791716
Conc: 4.73 ng/ml



#2 Decachlorobiphenyl

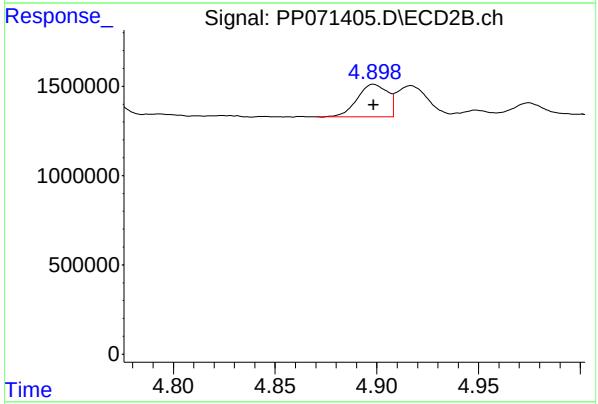
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 4608858
Conc: 5.18 ng/ml



#21 AR-1248-1

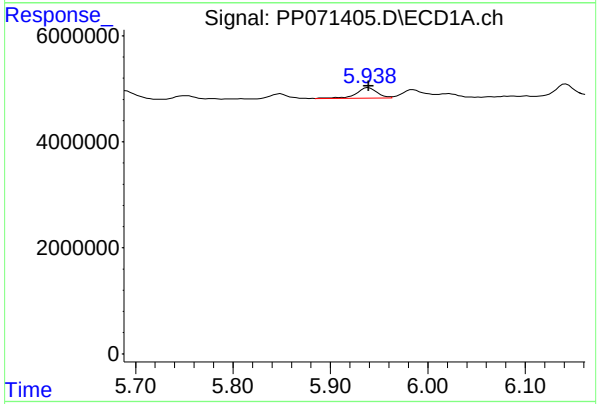
R.T.: 5.667 min
Delta R.T.: 0.000 min
Response: 1932478
Conc: 45.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



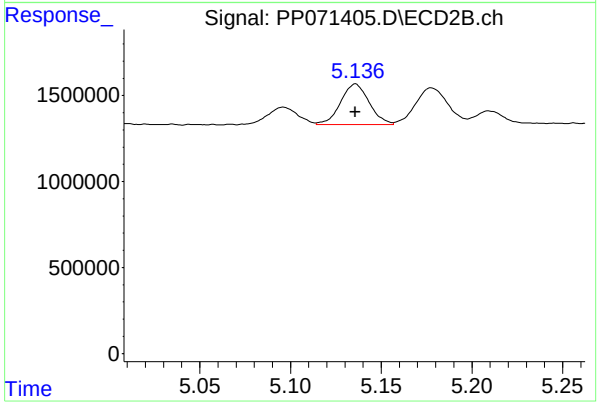
#21 AR-1248-1

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 1889804
Conc: 52.34 ng/ml



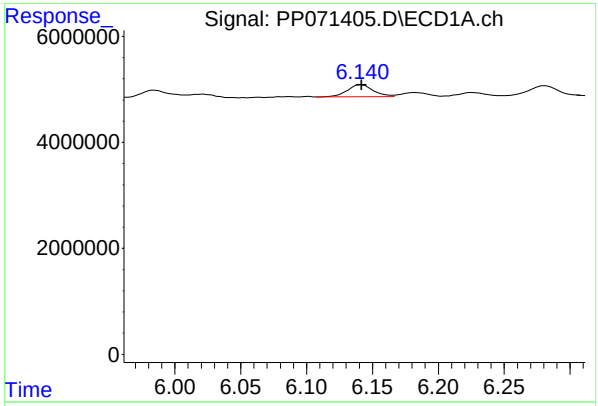
#22 AR-1248-2

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 2935274
Conc: 48.57 ng/ml



#22 AR-1248-2

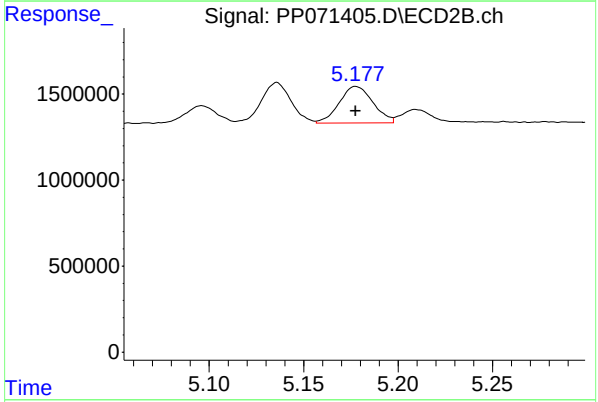
R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 2587801
Conc: 52.85 ng/ml



#23 AR-1248-3

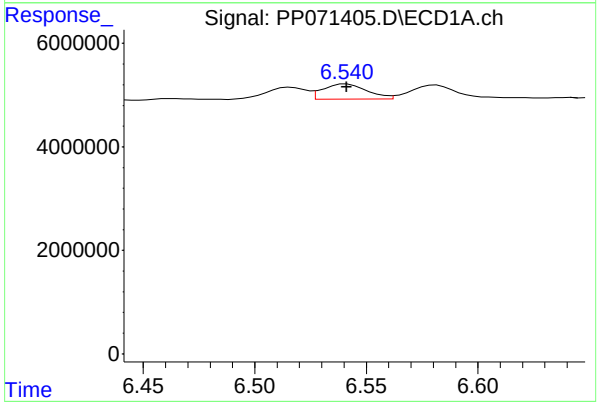
R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 3057380
Conc: 45.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



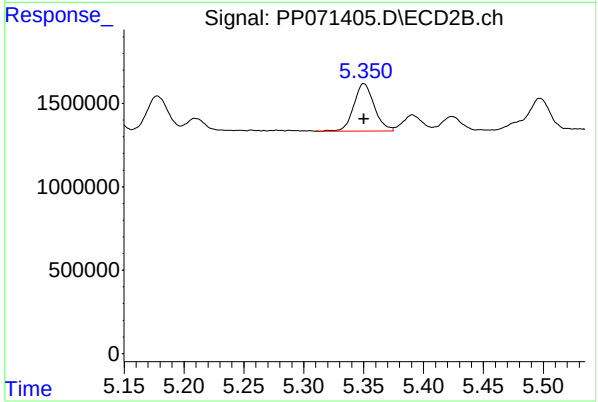
#23 AR-1248-3

R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 2647979
Conc: 51.83 ng/ml



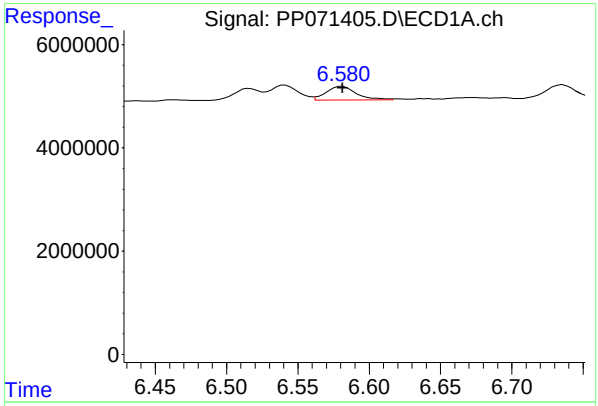
#24 AR-1248-4

R.T.: 6.541 min
Delta R.T.: 0.000 min
Response: 4089143
Conc: 48.33 ng/ml



#24 AR-1248-4

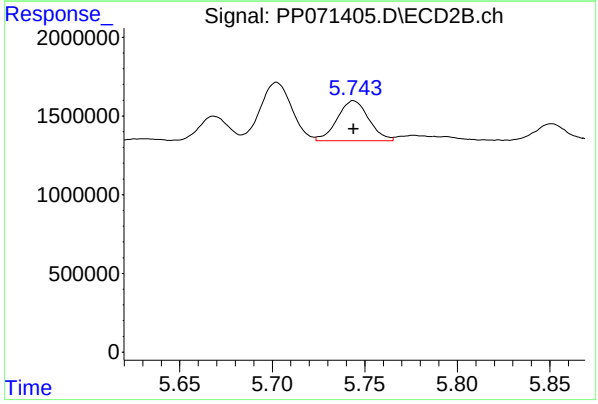
R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 3364119
Conc: 55.46 ng/ml



#25 AR-1248-5

R.T.: 6.581 min
Delta R.T.: 0.000 min
Response: 3919031
Conc: 49.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



#25 AR-1248-5

R.T.: 5.744 min
Delta R.T.: 0.000 min
Response: 3006686
Conc: 51.58 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071406.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 15:06
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 15:51:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 15:48:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.515	3.812	188.8E6	139.1E6	96.818	97.876
2)	SA Decachlor...	10.236	8.850	141.0E6	84630750	96.040	96.040
	Target Compounds						
26)	L6 AR-1254-1	6.519	5.702	78574372	81690839	957.338	952.962
27)	L6 AR-1254-2	6.735	5.851	121.6E6	70045476	958.538	950.650
28)	L6 AR-1254-3	7.099	6.254	123.4E6	109.7E6	962.759	954.874
29)	L6 AR-1254-4	7.381	6.483	112.5E6	70169900	960.617	948.370
30)	L6 AR-1254-5	7.798	6.901	106.4E6	92229111	966.455	936.717

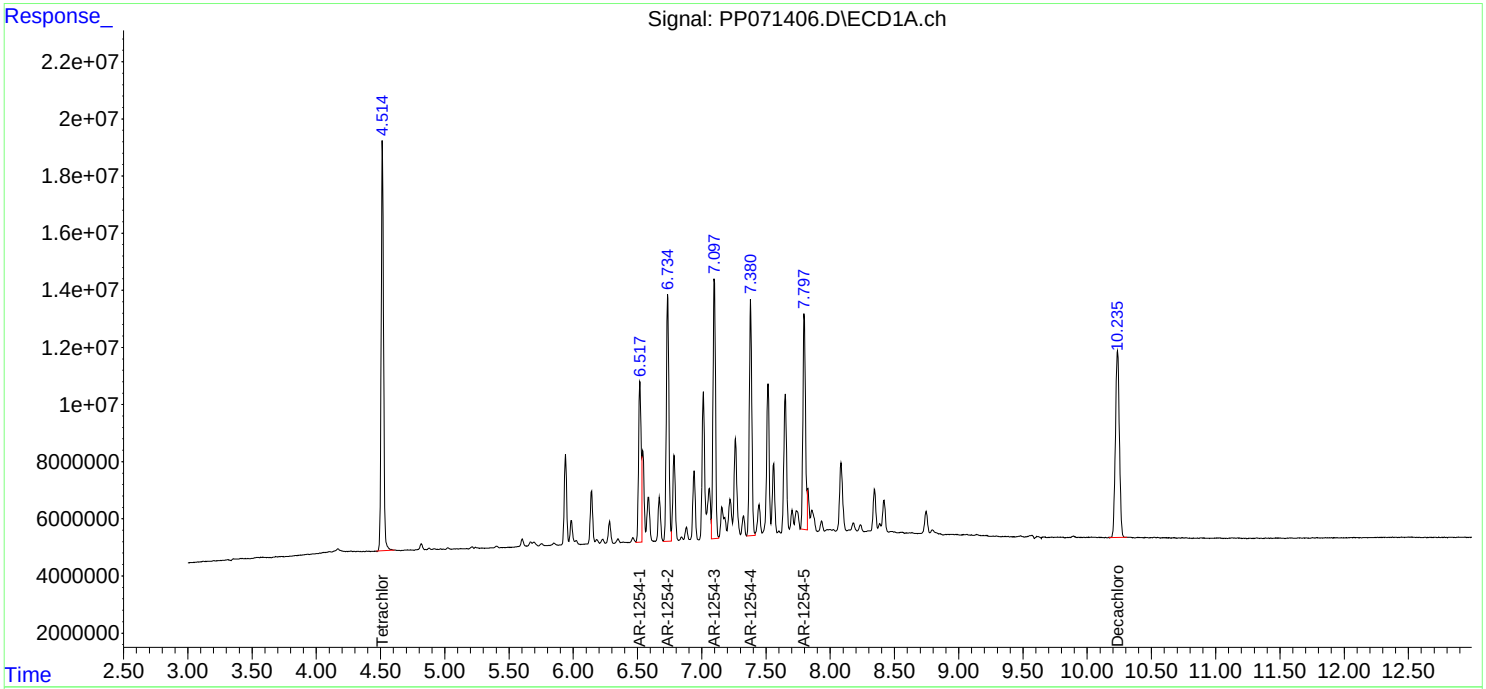
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

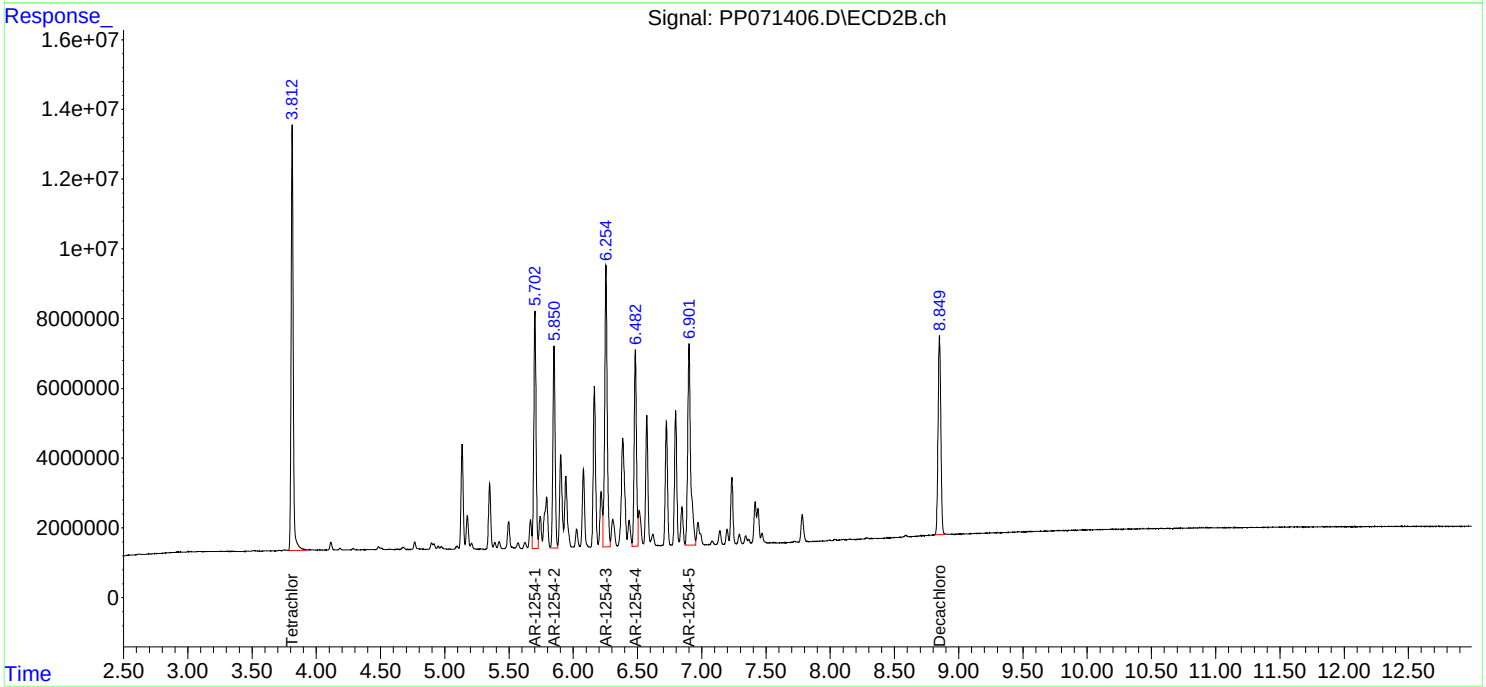
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071406.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 15:06
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

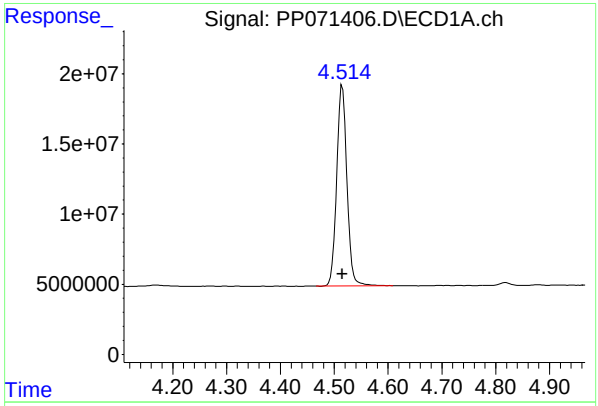
Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 15:51:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 15:48:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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



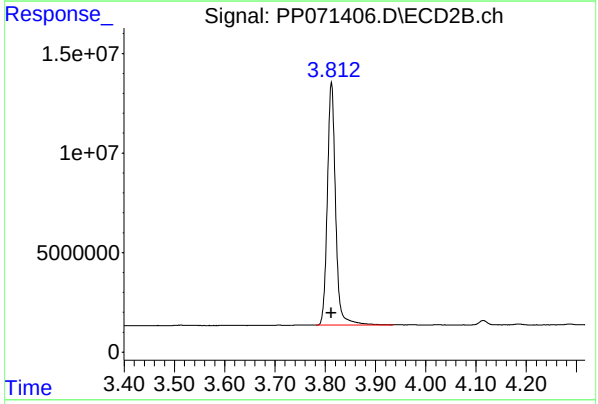




#1 Tetrachloro-m-xylene

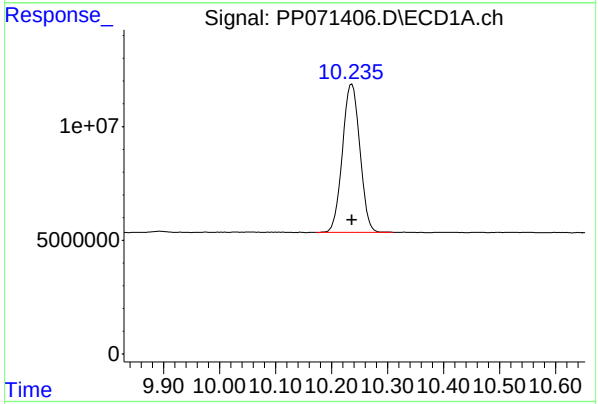
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 188824112
Conc: 96.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



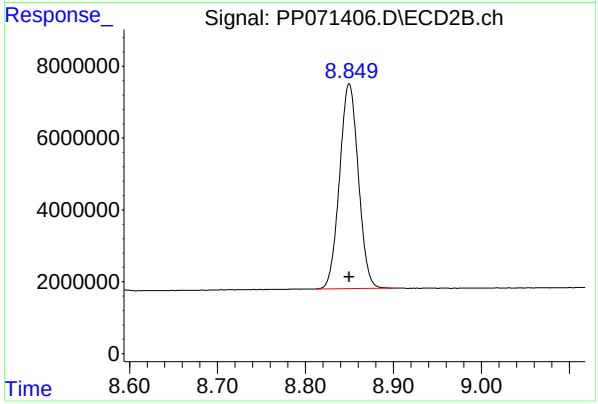
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 139055330
Conc: 97.88 ng/ml



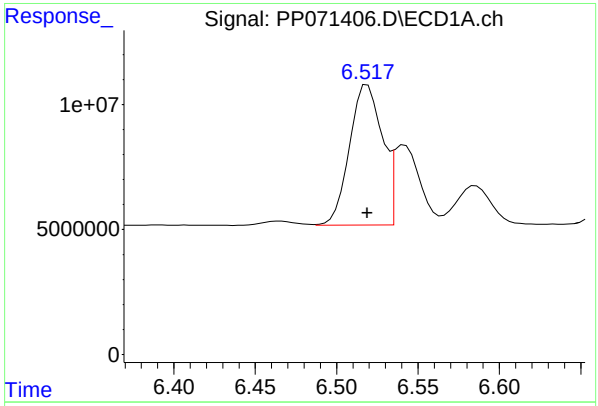
#2 Decachlorobiphenyl

R.T.: 10.236 min
Delta R.T.: 0.000 min
Response: 141010181
Conc: 96.04 ng/ml



#2 Decachlorobiphenyl

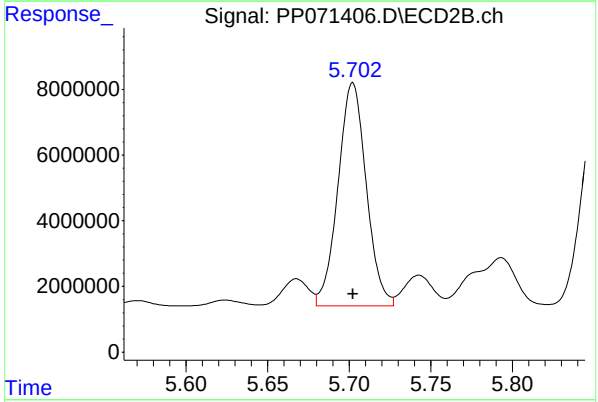
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 84630750
Conc: 96.04 ng/ml



#26 AR-1254-1

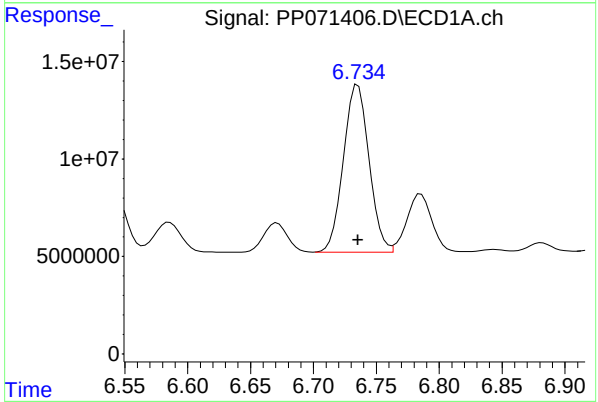
R.T.: 6.519 min
Delta R.T.: 0.000 min
Response: 78574372
Conc: 957.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



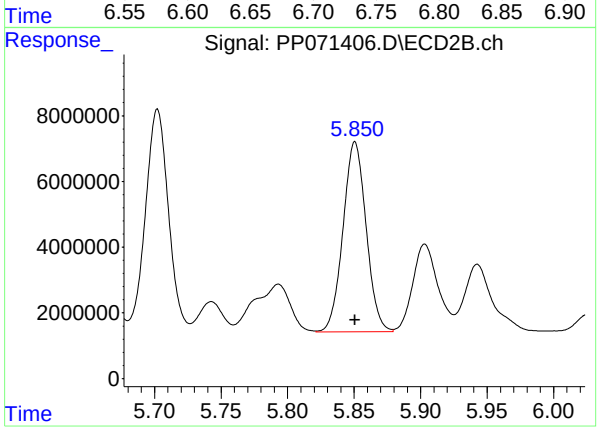
#26 AR-1254-1

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 81690839
Conc: 952.96 ng/ml



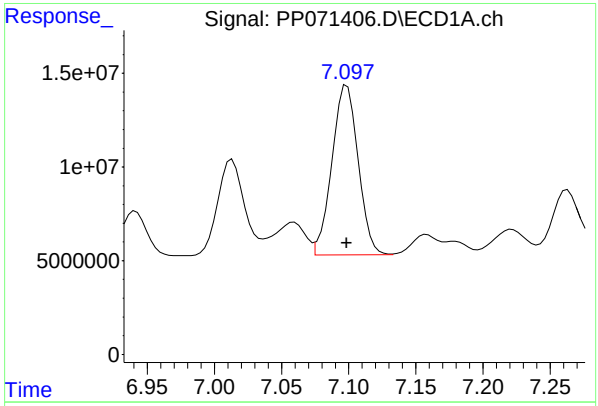
#27 AR-1254-2

R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 121624435
Conc: 958.54 ng/ml



#27 AR-1254-2

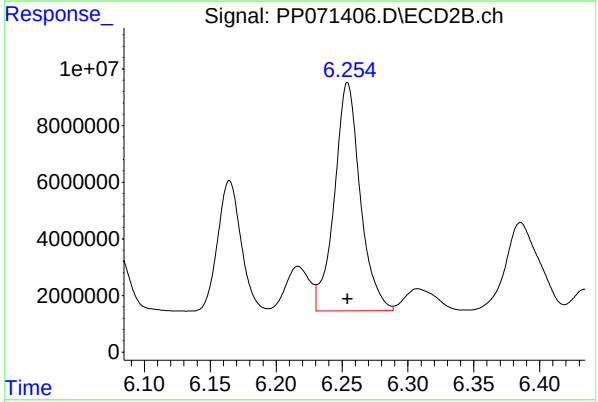
R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 70045476
Conc: 950.65 ng/ml



#28 AR-1254-3

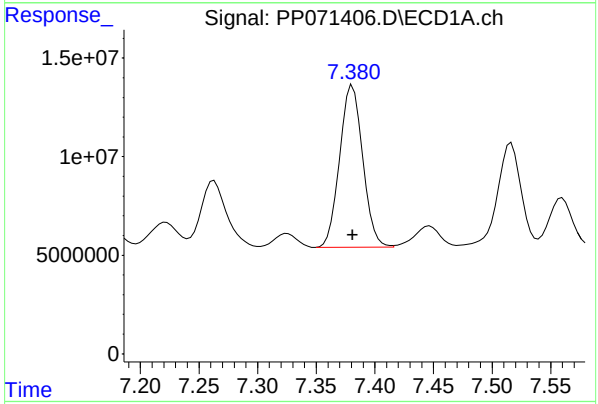
R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 123432630
Conc: 962.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



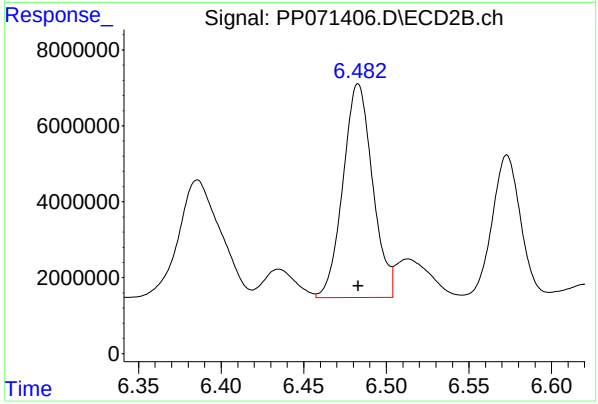
#28 AR-1254-3

R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 109725744
Conc: 954.87 ng/ml



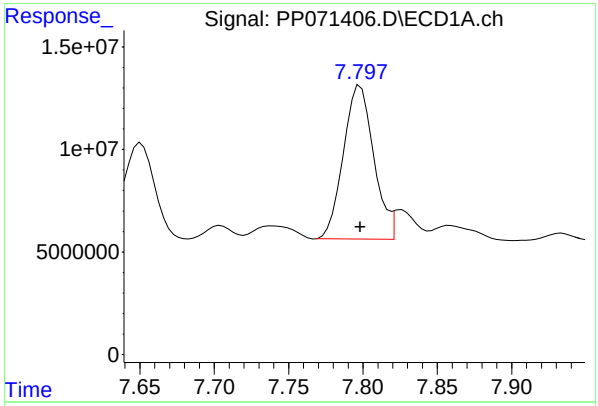
#29 AR-1254-4

R.T.: 7.381 min
Delta R.T.: 0.000 min
Response: 112512019
Conc: 960.62 ng/ml



#29 AR-1254-4

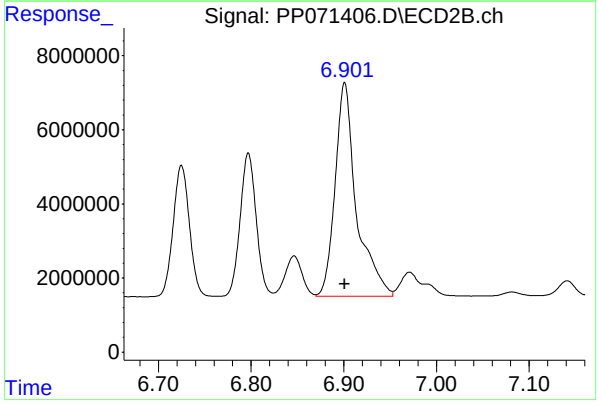
R.T.: 6.483 min
Delta R.T.: 0.000 min
Response: 70169900
Conc: 948.37 ng/ml



#30 AR-1254-5

R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 106399089
Conc: 966.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



#30 AR-1254-5

R.T.: 6.901 min
Delta R.T.: 0.000 min
Response: 92229111
Conc: 936.72 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071407.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 15:22
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 15:54:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 15:48:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.515	3.812	145.3E6	112.6E6	74.658	77.773
2)	SA Decachlor...	10.236	8.850	110.2E6	65650190	75.033	74.666
	Target Compounds						
26)	L6 AR-1254-1	6.519	5.703	60934961	65520948	744.931	759.494
27)	L6 AR-1254-2	6.735	5.851	94362074	56602387	745.775	762.037
28)	L6 AR-1254-3	7.098	6.255	95849879	85577532	748.410	746.476
29)	L6 AR-1254-4	7.381	6.483	87194278	55551540	746.295	750.532
30)	L6 AR-1254-5	7.797	6.901	79441918	72082199	721.000m	737.969

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071407.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 15:22
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

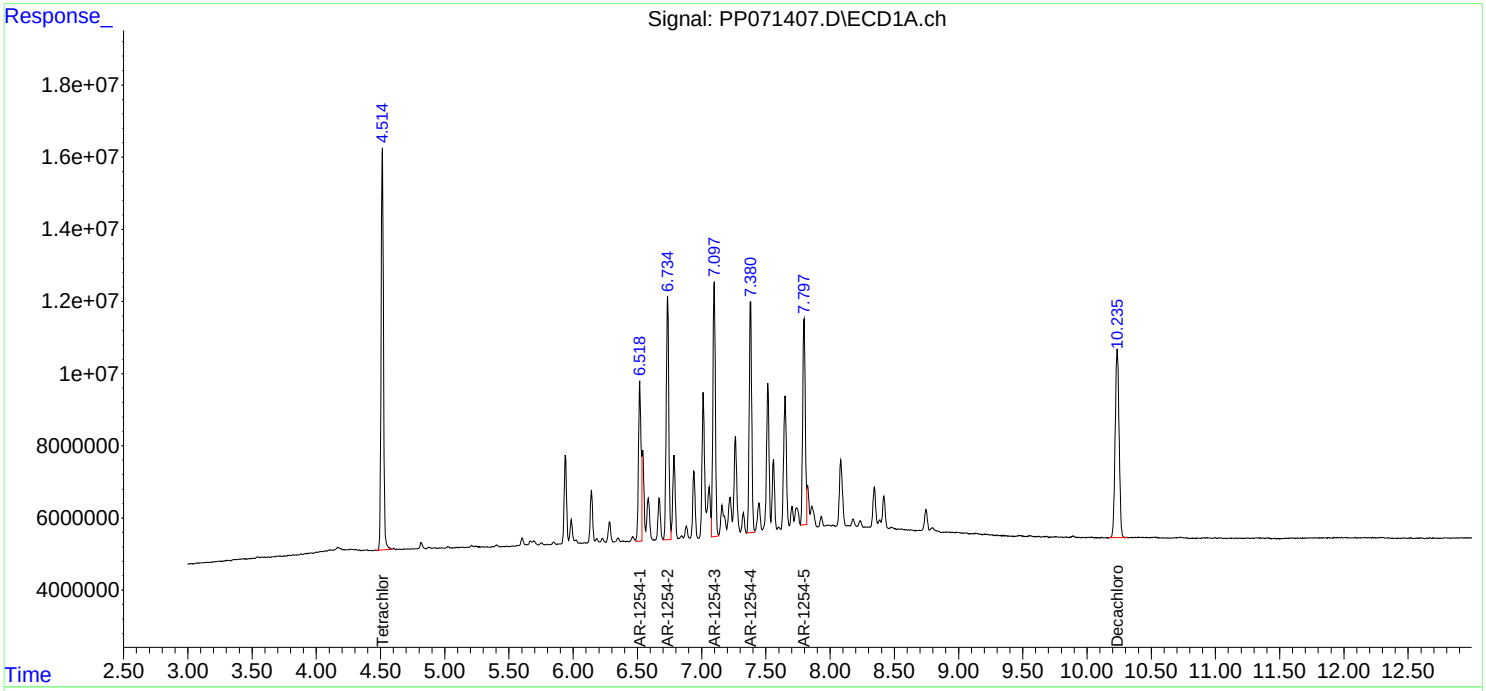
Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

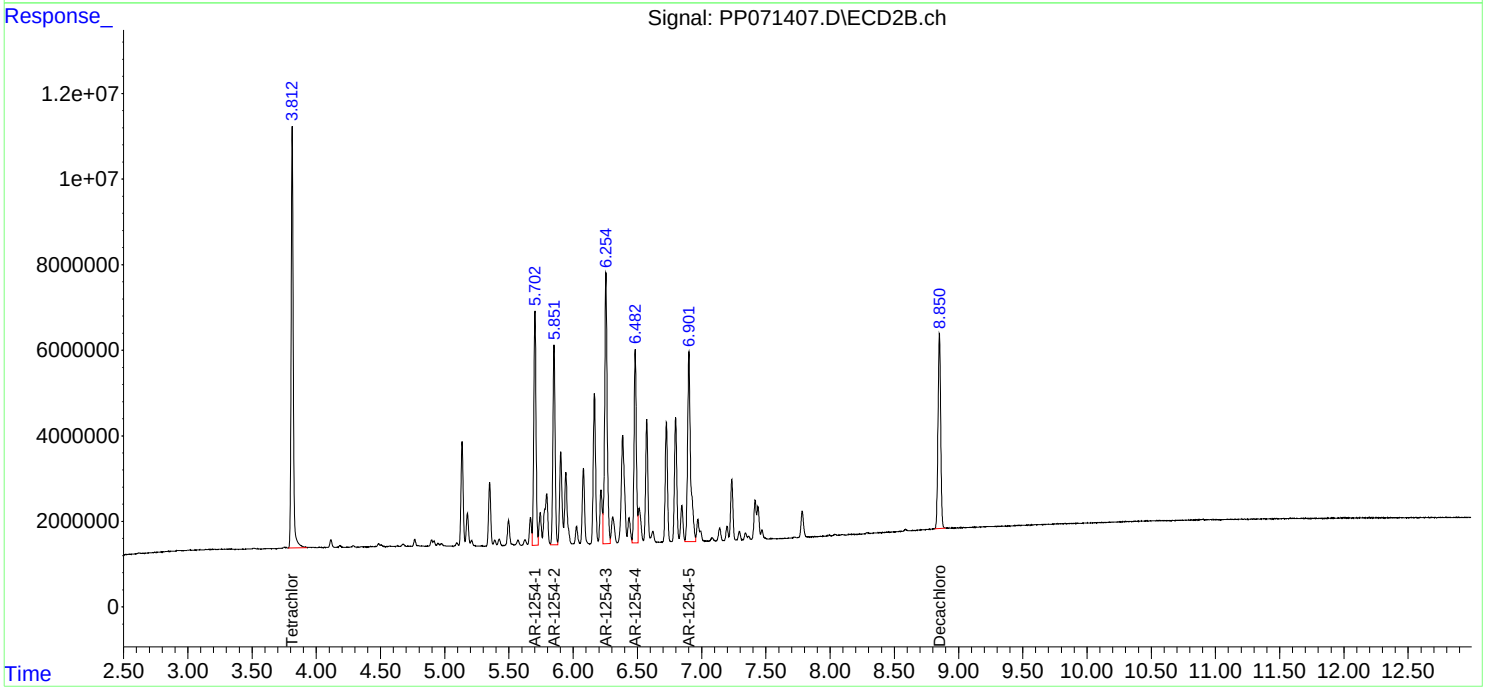
Manual Integrations APPROVED

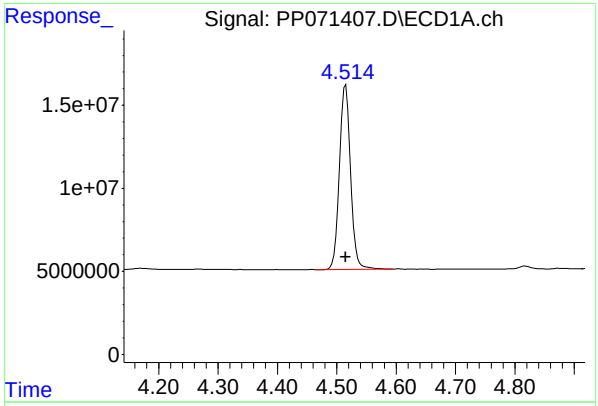
Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 15:54:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 15:48:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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







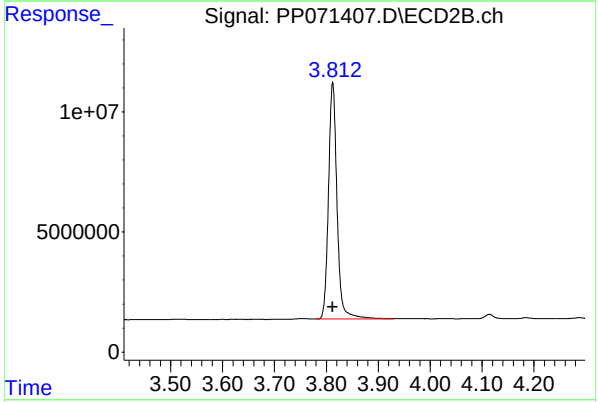
#1 Tetrachloro-m-xylene

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 145274275
Conc: 74.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

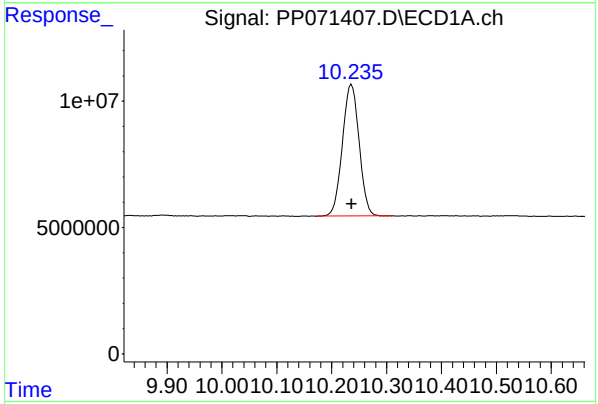
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



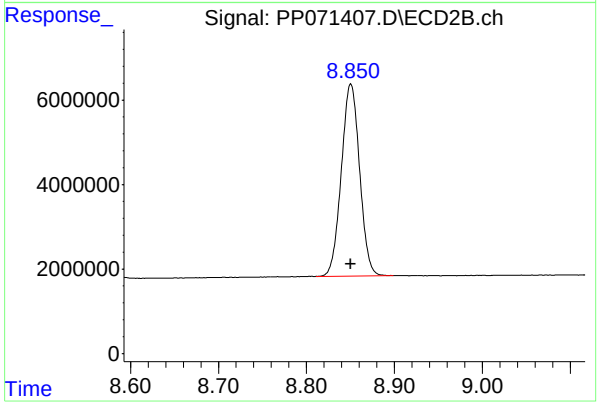
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 112576042
Conc: 77.77 ng/ml



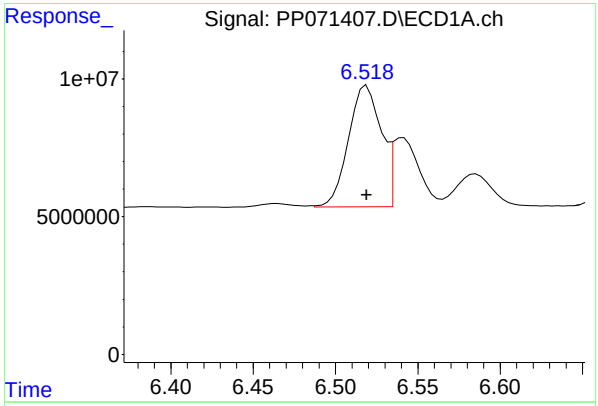
#2 Decachlorobiphenyl

R.T.: 10.236 min
Delta R.T.: 0.000 min
Response: 110190189
Conc: 75.03 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 65650190
Conc: 74.67 ng/ml



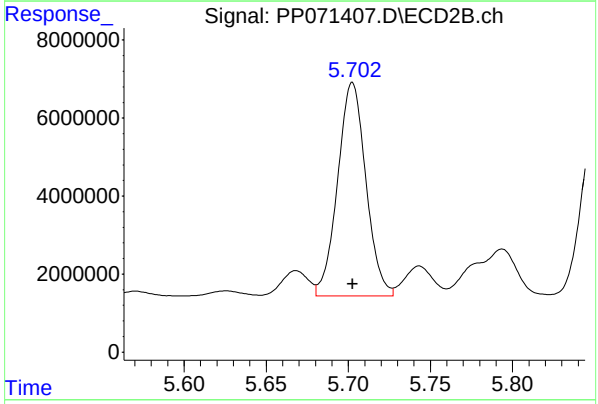
#26 AR-1254-1

R.T.: 6.519 min
Delta R.T.: 0.000 min
Response: 60934961
Conc: 744.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

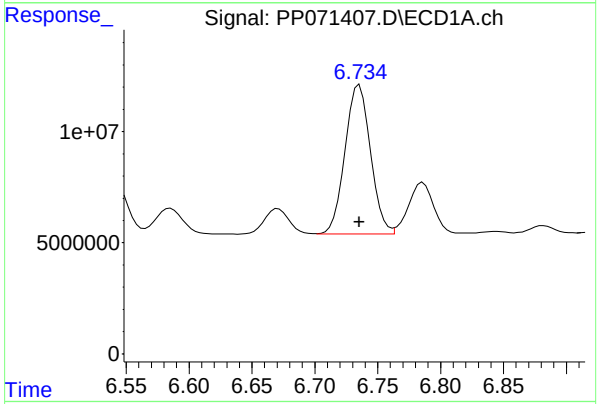
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



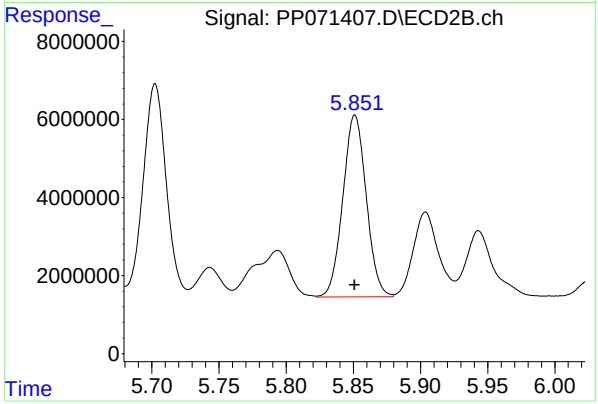
#26 AR-1254-1

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 65520948
Conc: 759.49 ng/ml



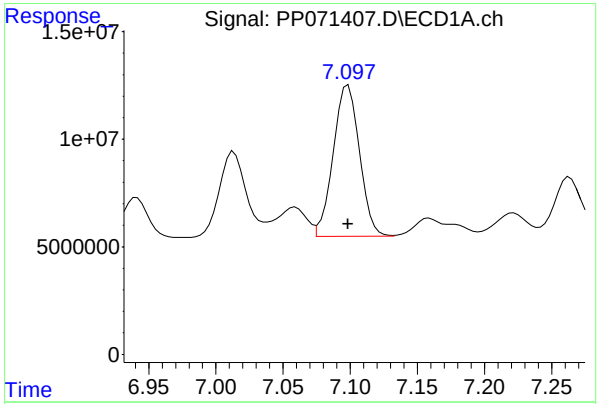
#27 AR-1254-2

R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 94362074
Conc: 745.77 ng/ml



#27 AR-1254-2

R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 56602387
Conc: 762.04 ng/ml



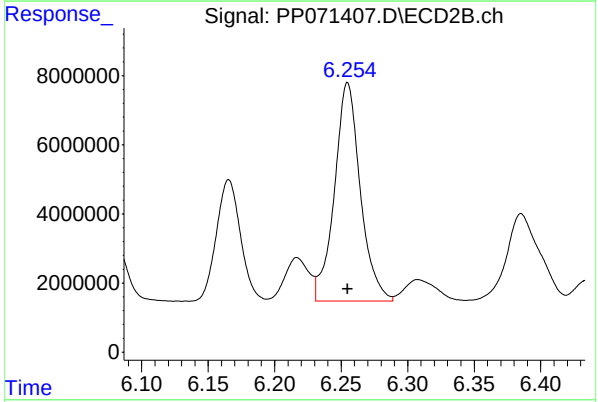
#28 AR-1254-3

R.T.: 7.098 min
Delta R.T.: 0.000 min
Response: 95849879
Conc: 748.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

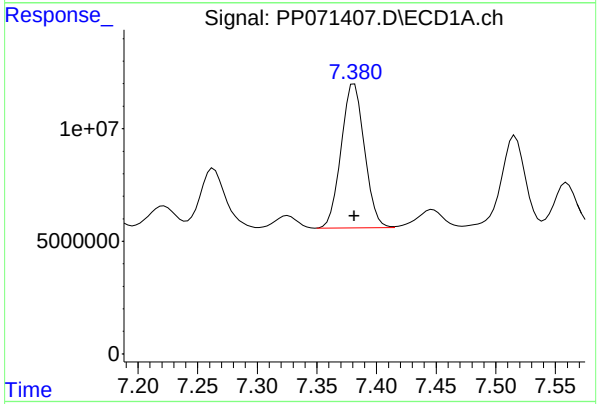
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



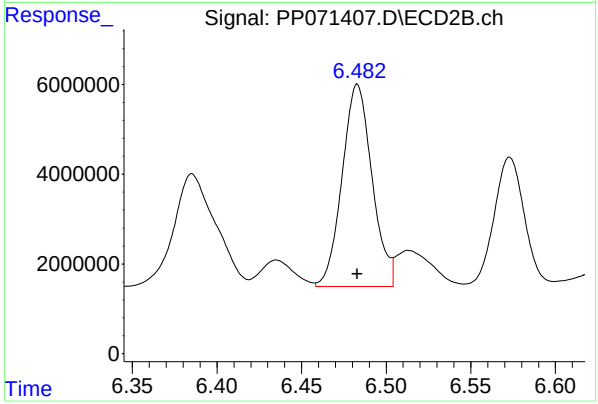
#28 AR-1254-3

R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 85577532
Conc: 746.48 ng/ml



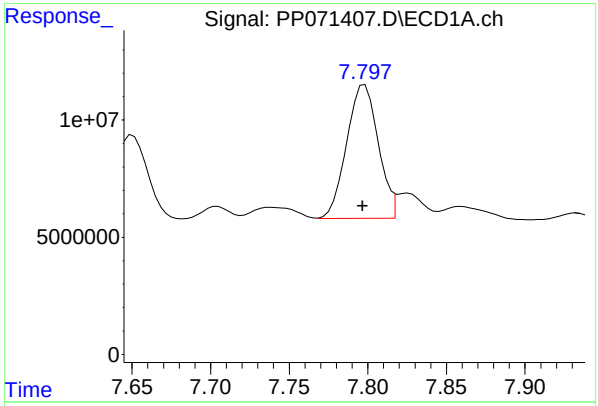
#29 AR-1254-4

R.T.: 7.381 min
Delta R.T.: 0.000 min
Response: 87194278
Conc: 746.30 ng/ml



#29 AR-1254-4

R.T.: 6.483 min
Delta R.T.: 0.000 min
Response: 55551540
Conc: 750.53 ng/ml



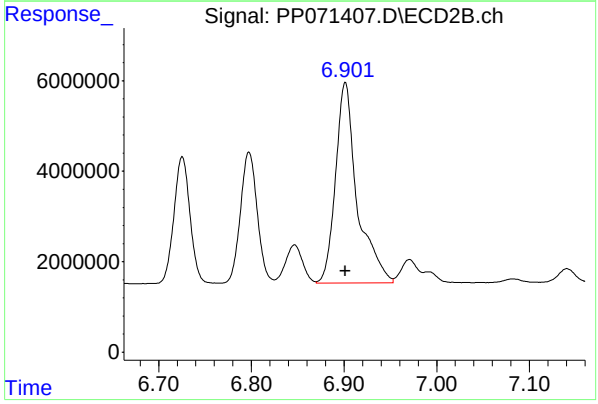
#30 AR-1254-5

R.T.: 7.797 min
Delta R.T.: 0.000 min
Response: 79441918
Conc: 721.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



#30 AR-1254-5

R.T.: 6.901 min
Delta R.T.: 0.000 min
Response: 72082199
Conc: 737.97 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071408.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 15:38
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 15:48:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 15:48:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.515	3.812	100.6E6	72545075	50.000	50.000
2)	SA Decachlor...	10.237	8.849	76319487	45805245	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	6.519	5.702	42788667	44877702	500.000	500.000
27)	L6 AR-1254-2	6.735	5.851	66073164	38658957	500.000	500.000
28)	L6 AR-1254-3	7.098	6.254	66490827	60048409	500.000	500.000
29)	L6 AR-1254-4	7.381	6.483	60868718	38905081	500.000	500.000
30)	L6 AR-1254-5	7.797	6.901	56892560	52345397	500.000	500.000

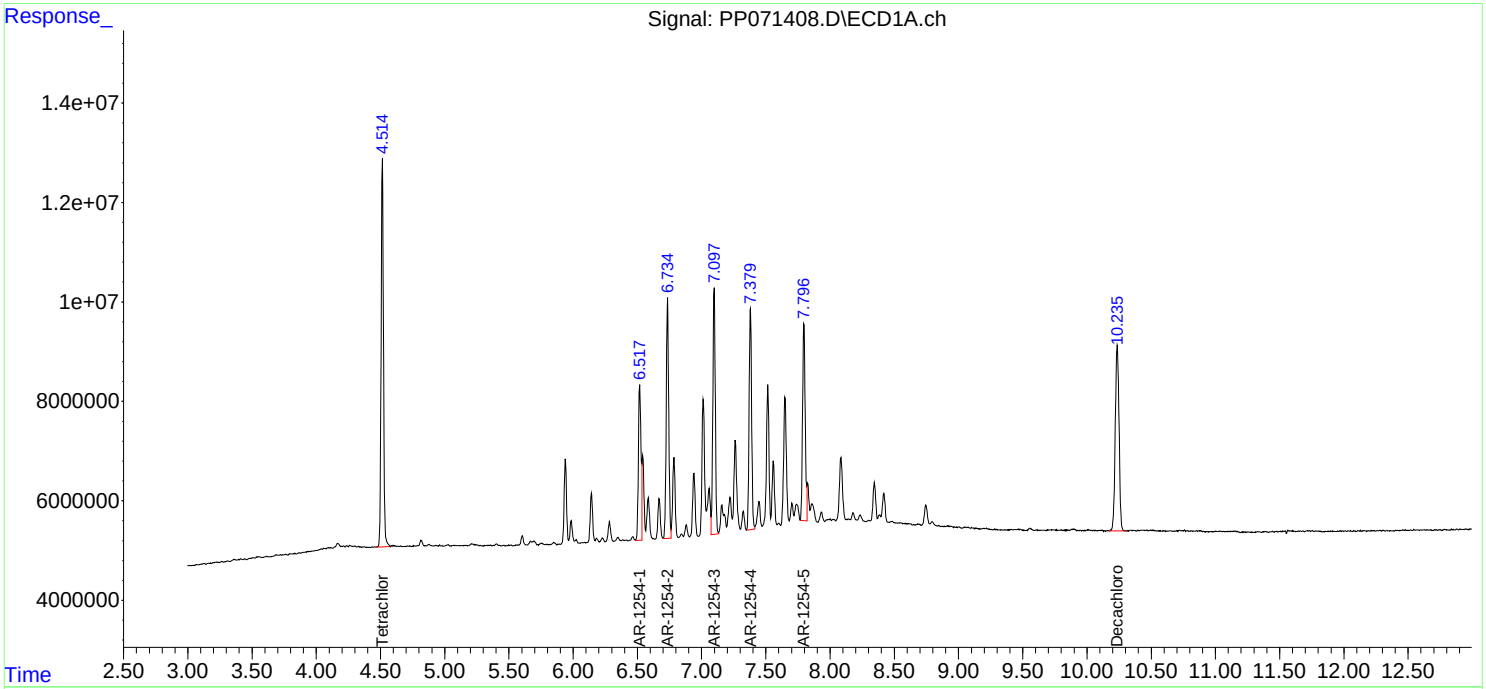
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

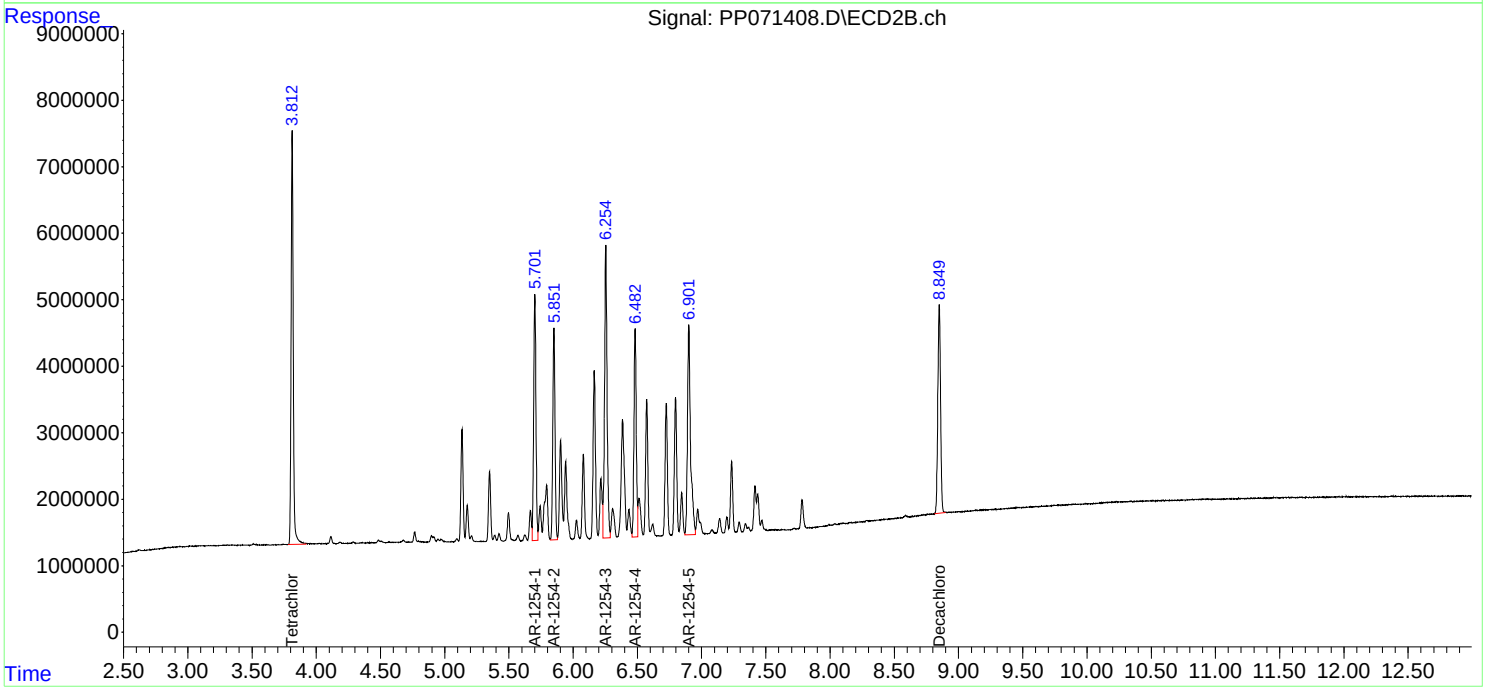
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071408.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 15:38
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

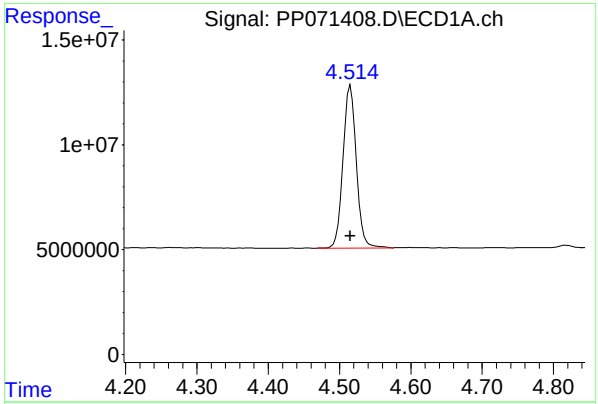
Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 15:48:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 15:48:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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



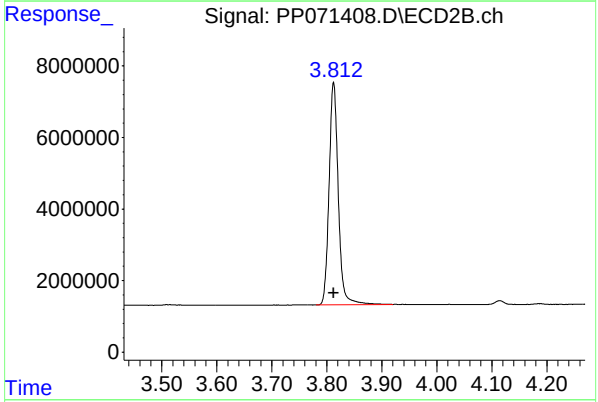




#1 Tetrachloro-m-xylene

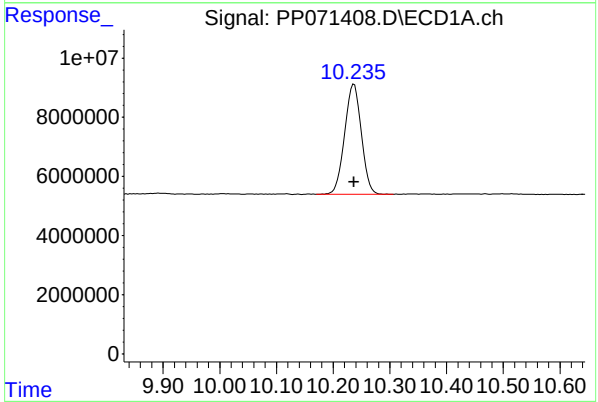
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 100618430
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



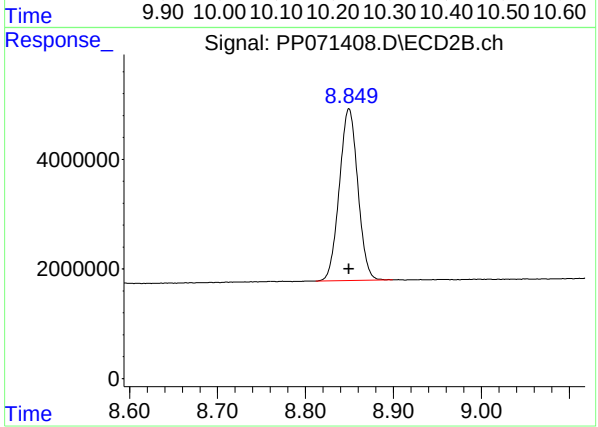
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 72545075
Conc: 50.00 ng/ml



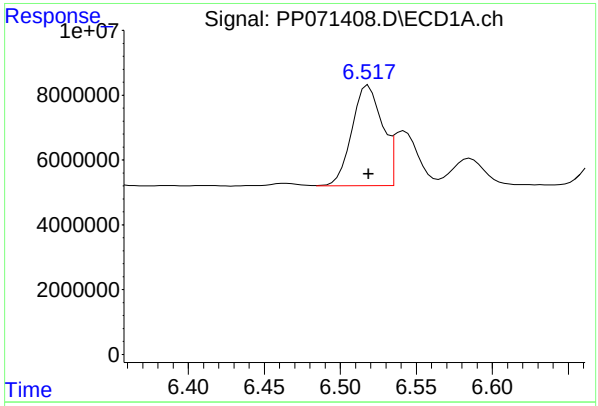
#2 Decachlorobiphenyl

R.T.: 10.237 min
Delta R.T.: 0.000 min
Response: 76319487
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

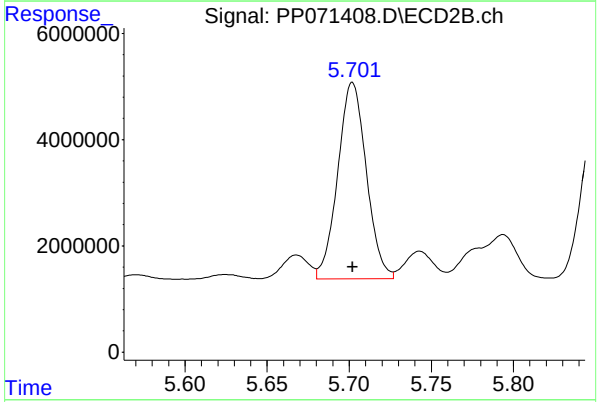
R.T.: 8.849 min
Delta R.T.: 0.000 min
Response: 45805245
Conc: 50.00 ng/ml



#26 AR-1254-1

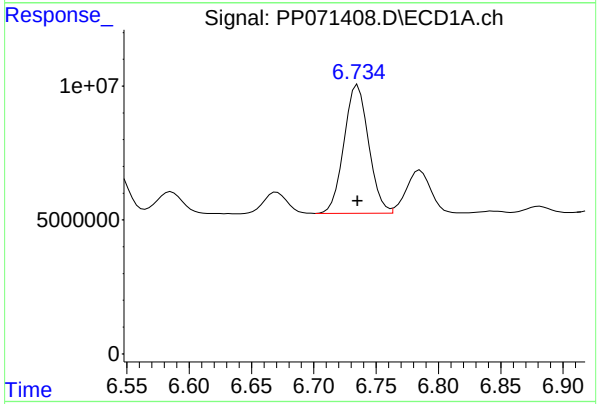
R.T.: 6.519 min
Delta R.T.: 0.000 min
Response: 42788667
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



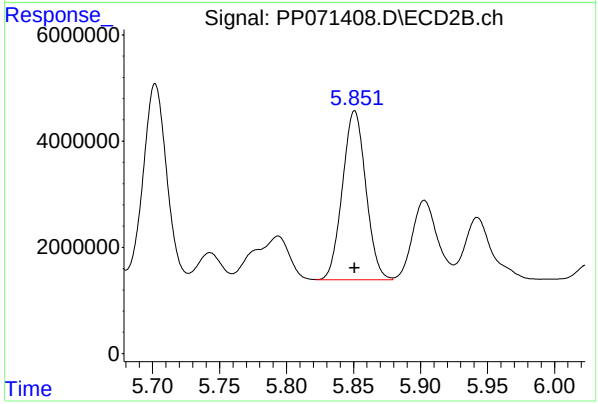
#26 AR-1254-1

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 44877702
Conc: 500.00 ng/ml



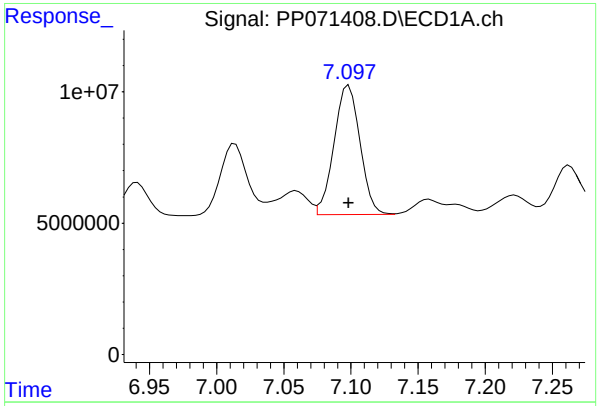
#27 AR-1254-2

R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 66073164
Conc: 500.00 ng/ml



#27 AR-1254-2

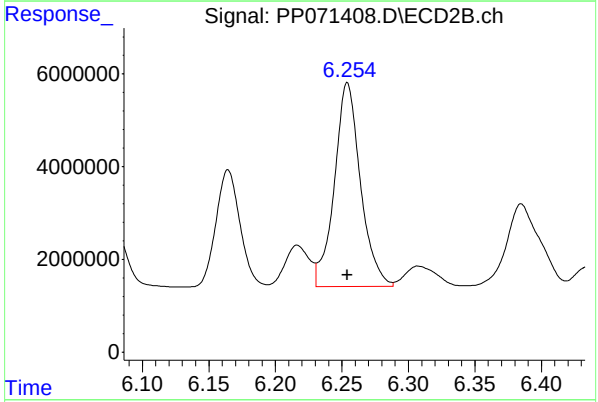
R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 38658957
Conc: 500.00 ng/ml



#28 AR-1254-3

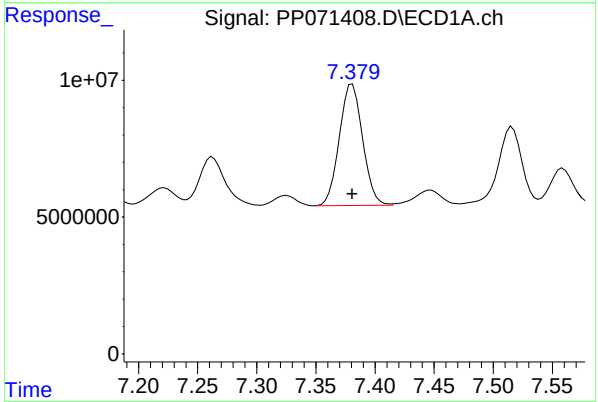
R.T.: 7.098 min
Delta R.T.: 0.000 min
Response: 66490827
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



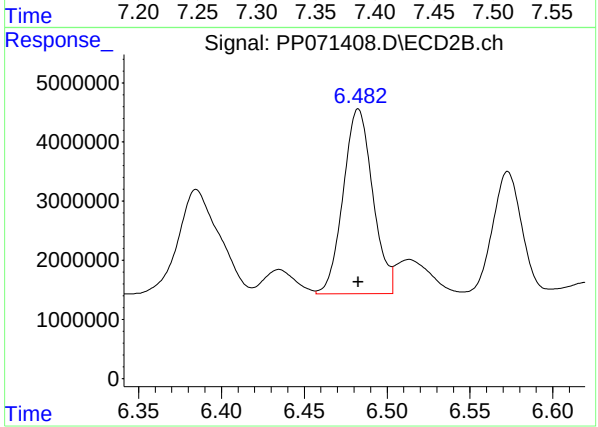
#28 AR-1254-3

R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 60048409
Conc: 500.00 ng/ml



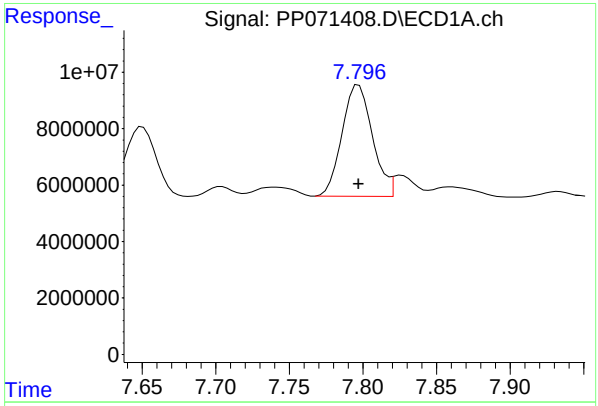
#29 AR-1254-4

R.T.: 7.381 min
Delta R.T.: 0.000 min
Response: 60868718
Conc: 500.00 ng/ml



#29 AR-1254-4

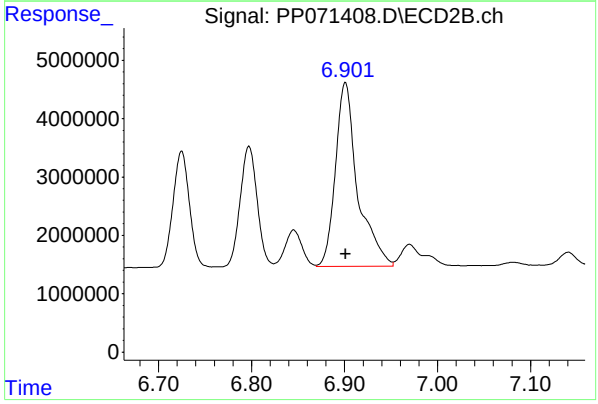
R.T.: 6.483 min
Delta R.T.: 0.000 min
Response: 38905081
Conc: 500.00 ng/ml



#30 AR-1254-5

R.T.: 7.797 min
Delta R.T.: 0.000 min
Response: 56892560
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



#30 AR-1254-5

R.T.: 6.901 min
Delta R.T.: 0.000 min
Response: 52345397
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071409.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 15:55
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 16:07:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 16:07:08 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.513	3.813	51789148	37965204	26.192	25.910
2)	SA Decachlor...	10.234	8.850	38742671	23881547	26.022	26.587
	Target Compounds						
26)	L6 AR-1254-1	6.517	5.703	22149547	24321384	265.267	273.203
27)	L6 AR-1254-2	6.733	5.851	34278927	20788594	265.367	271.757
28)	L6 AR-1254-3	7.096	6.255	34405813	31095041	263.728	265.596
29)	L6 AR-1254-4	7.379	6.483	31098214	20469357	261.934	269.399
30)	L6 AR-1254-5	7.796	6.901	29038261	26846100	262.635	268.183

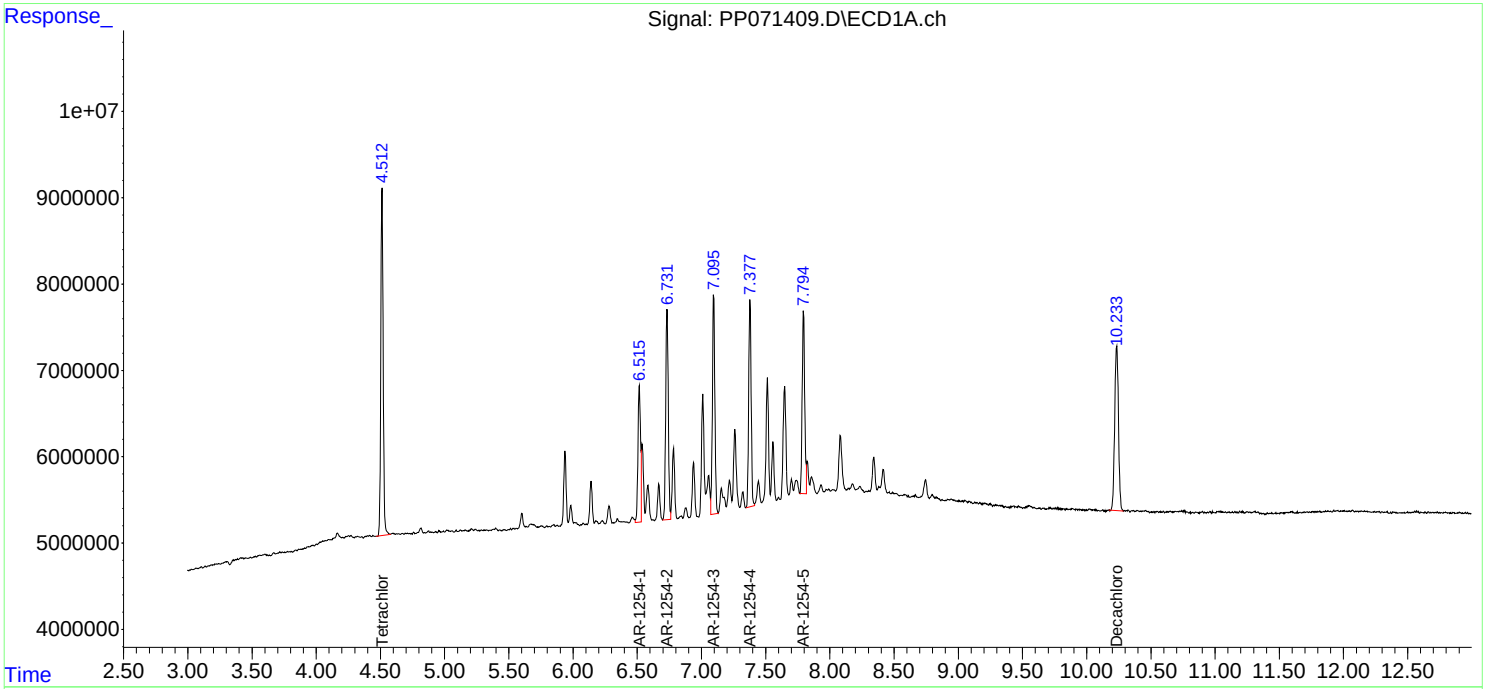
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

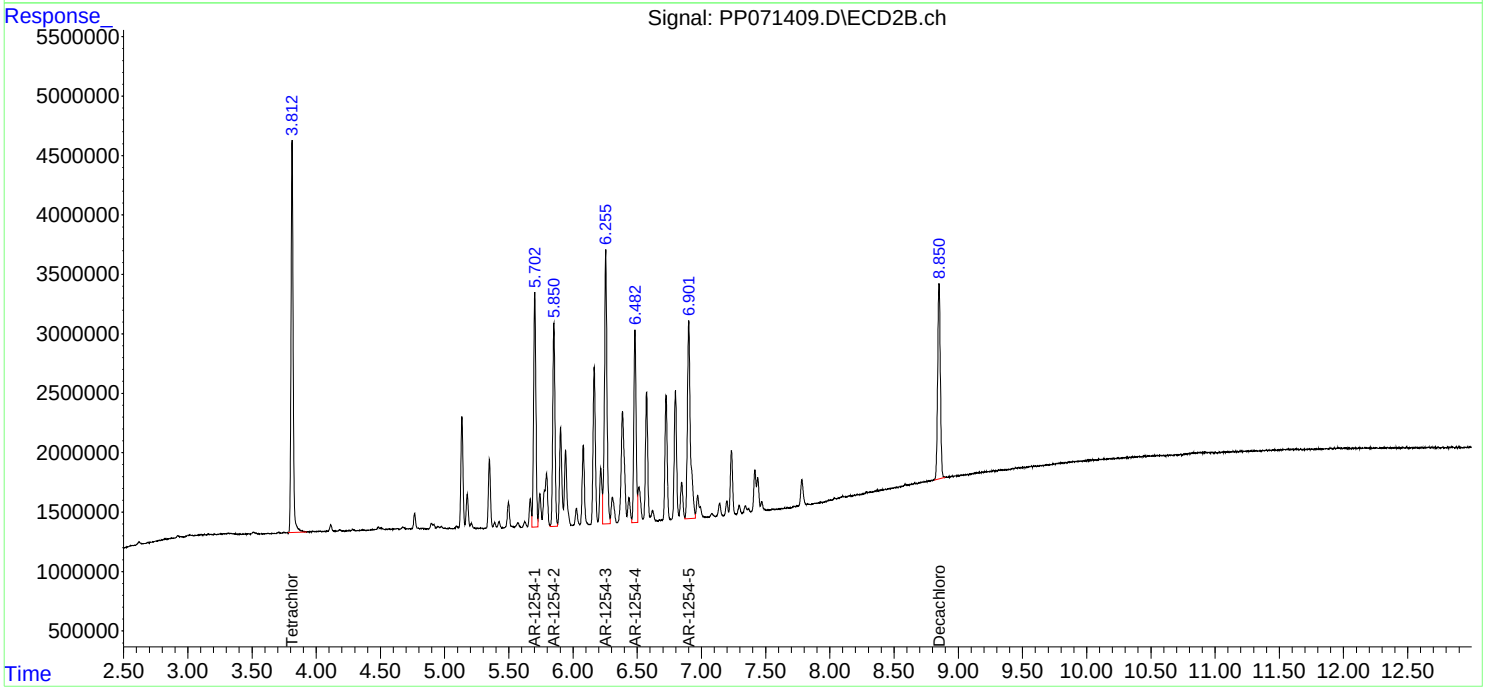
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071409.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 15:55
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

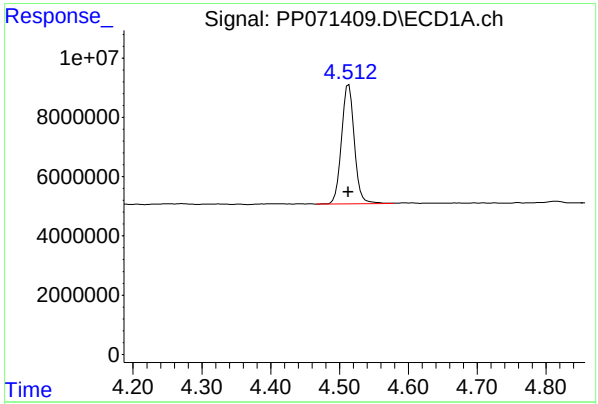
Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 16:07:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 16:07:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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



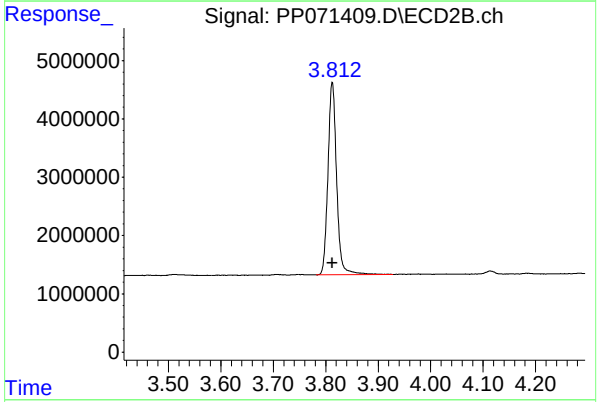




#1 Tetrachloro-m-xylene

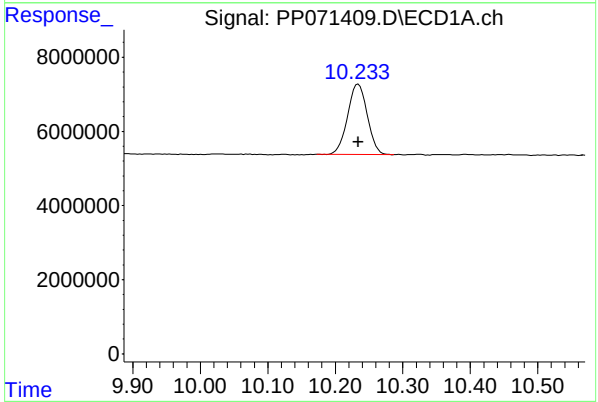
R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 51789148
Conc: 26.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



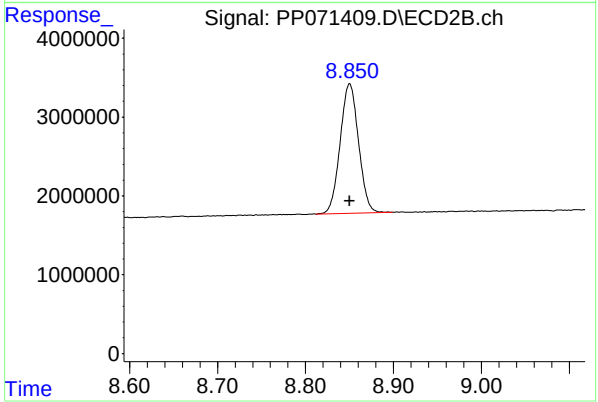
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 37965204
Conc: 25.91 ng/ml



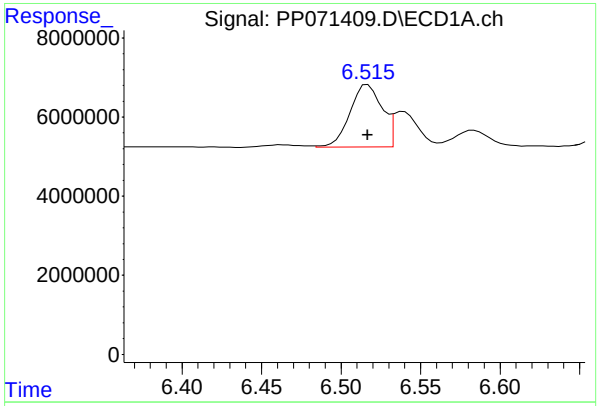
#2 Decachlorobiphenyl

R.T.: 10.234 min
Delta R.T.: 0.000 min
Response: 38742671
Conc: 26.02 ng/ml



#2 Decachlorobiphenyl

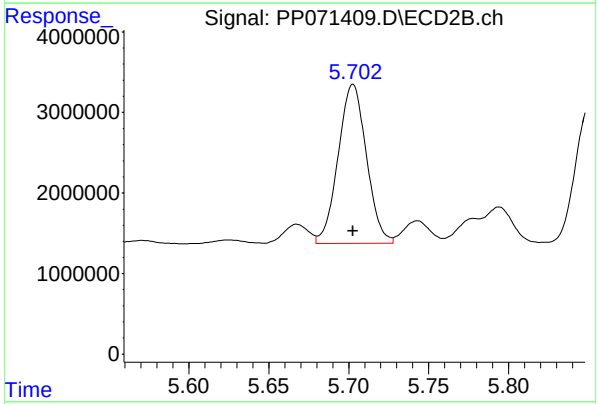
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 23881547
Conc: 26.59 ng/ml



#26 AR-1254-1

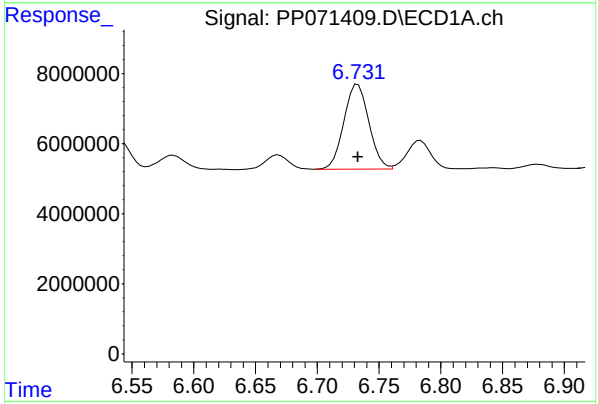
R.T.: 6.517 min
Delta R.T.: 0.000 min
Response: 22149547
Conc: 265.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



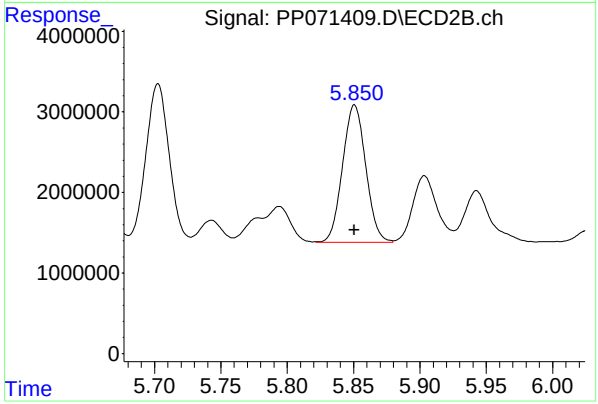
#26 AR-1254-1

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 24321384
Conc: 273.20 ng/ml



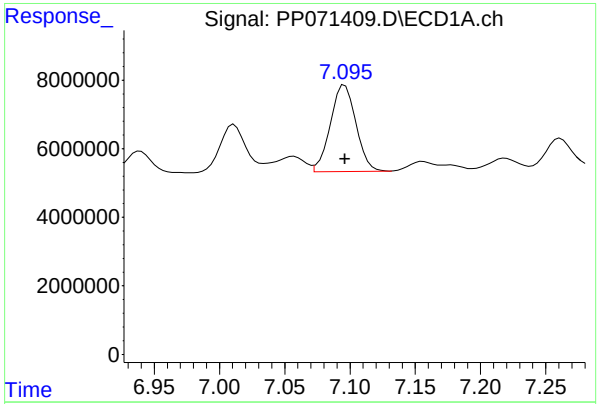
#27 AR-1254-2

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 34278927
Conc: 265.37 ng/ml



#27 AR-1254-2

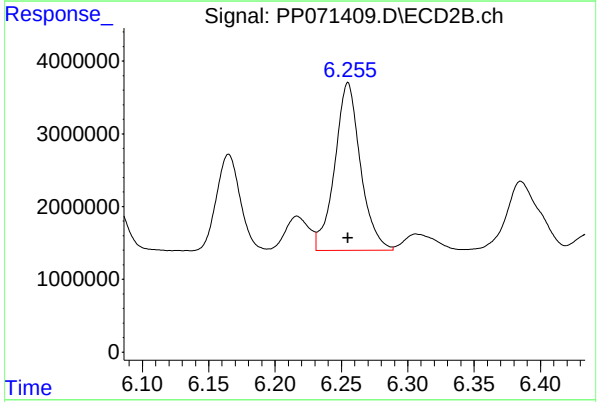
R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 20788594
Conc: 271.76 ng/ml



#28 AR-1254-3

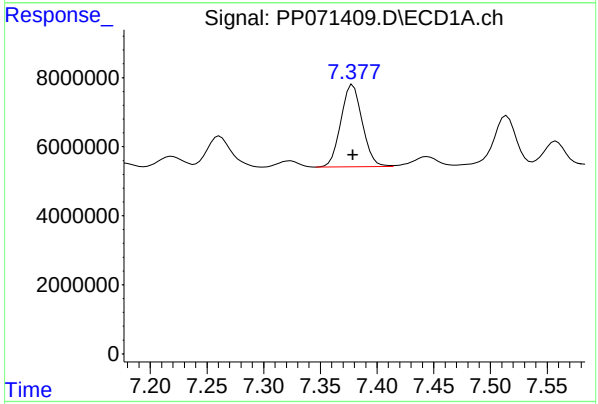
R.T.: 7.096 min
Delta R.T.: 0.000 min
Response: 34405813
Conc: 263.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



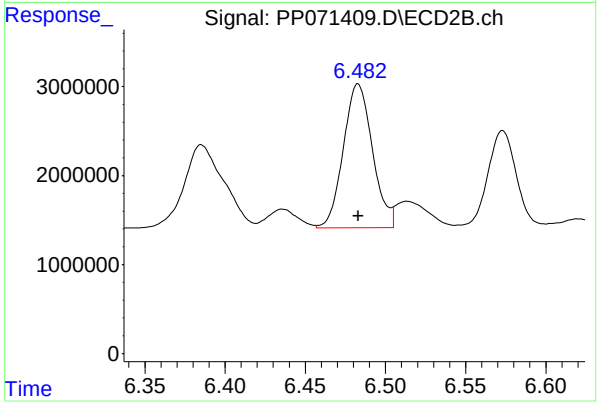
#28 AR-1254-3

R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 31095041
Conc: 265.60 ng/ml



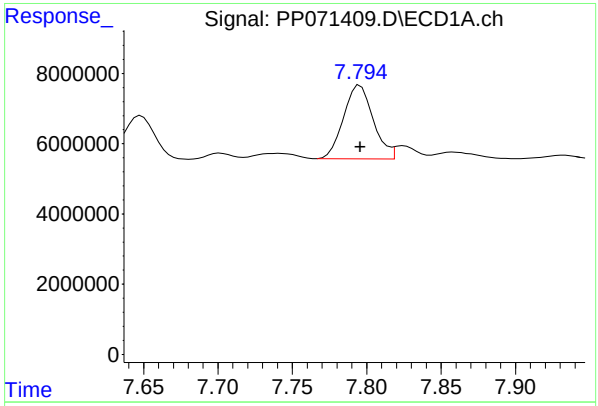
#29 AR-1254-4

R.T.: 7.379 min
Delta R.T.: 0.000 min
Response: 31098214
Conc: 261.93 ng/ml



#29 AR-1254-4

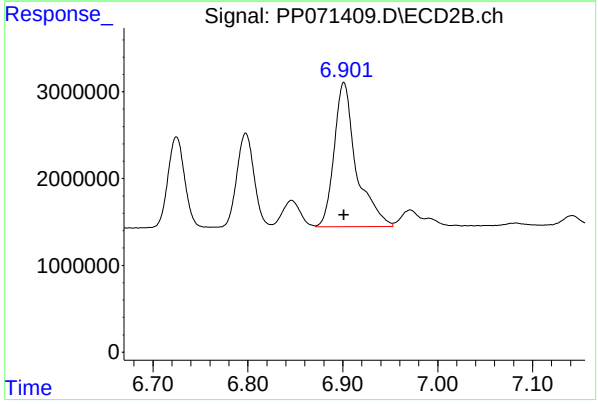
R.T.: 6.483 min
Delta R.T.: 0.000 min
Response: 20469357
Conc: 269.40 ng/ml



#30 AR-1254-5

R.T.: 7.796 min
Delta R.T.: 0.000 min
Response: 29038261
Conc: 262.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



#30 AR-1254-5

R.T.: 6.901 min
Delta R.T.: 0.000 min
Response: 26846100
Conc: 268.18 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071410.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 16:11
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 16:54:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 16:54:36 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.514	3.813	8612576	7342515	4.471m	5.009
2)	SA Decachlor...	10.236	8.850	6643627	4341119	4.560	4.865
	Target Compounds						
26)	L6 AR-1254-1	6.520	5.703	3787970	5045448	46.222	55.202
27)	L6 AR-1254-2	6.735	5.852	5933913	4378664	46.696	55.629
28)	L6 AR-1254-3	7.099	6.255	5851823	6211772	45.798	52.416
29)	L6 AR-1254-4	7.382	6.484	5633281	4095094	47.937	53.069
30)	L6 AR-1254-5	7.798	6.901	4819584	5346230	44.737	52.689

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

ICAL Form

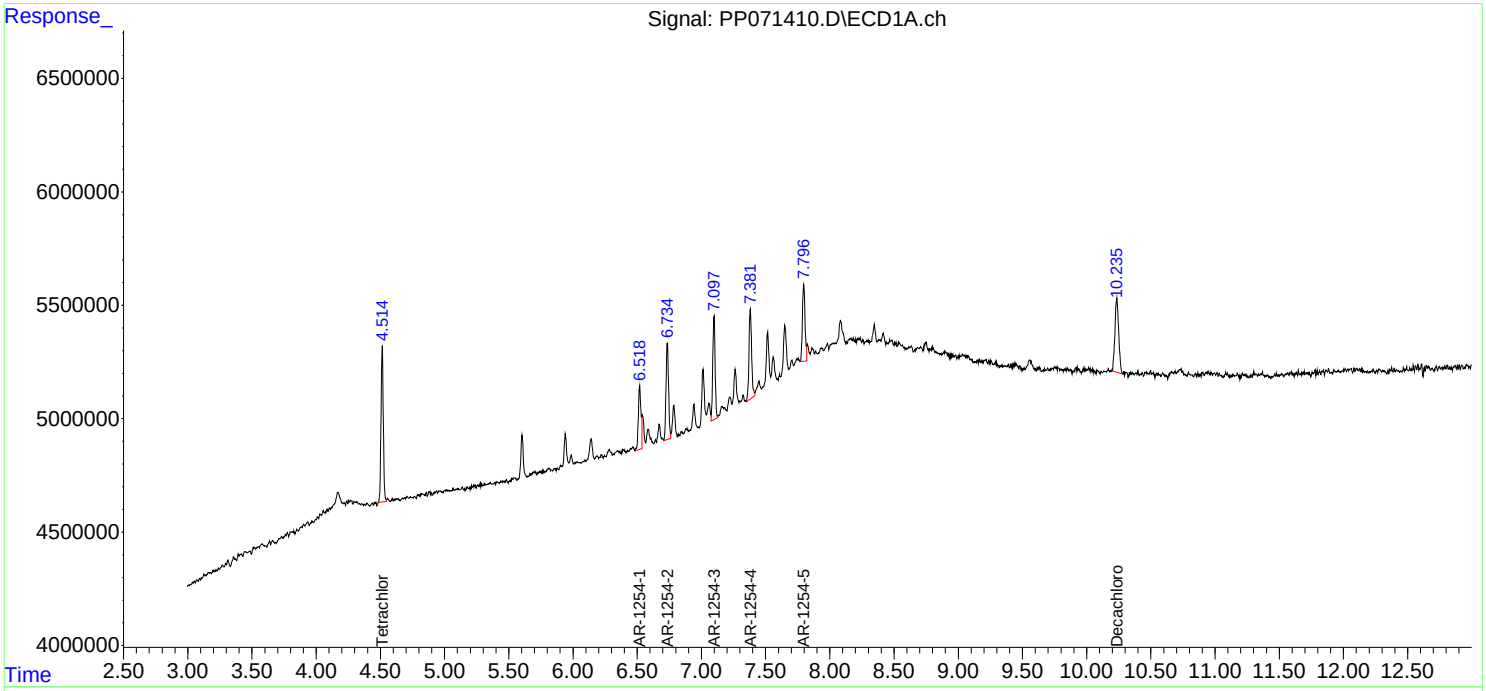
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071410.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 16:11
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

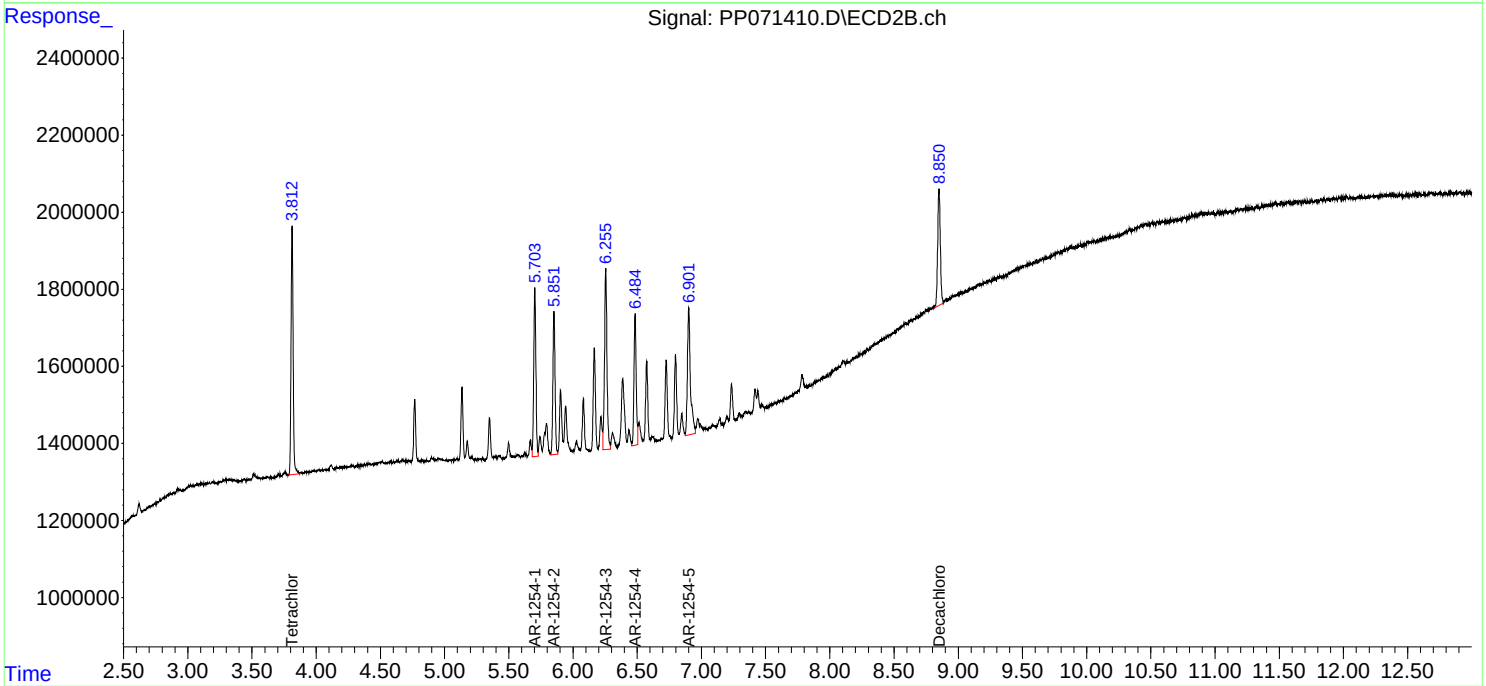
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

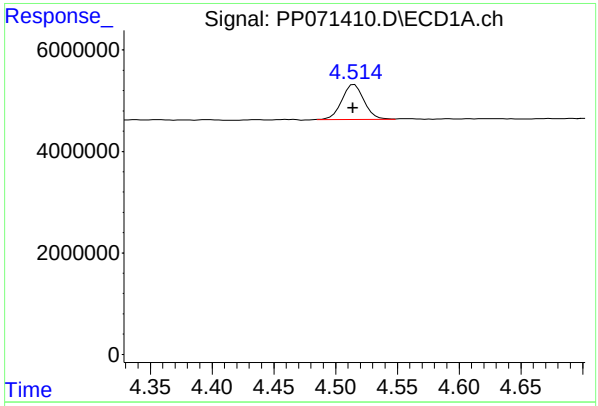
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 16:54:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 16:54:36 2025
Response via : Initial Calibration
Integrator: ChemStation

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







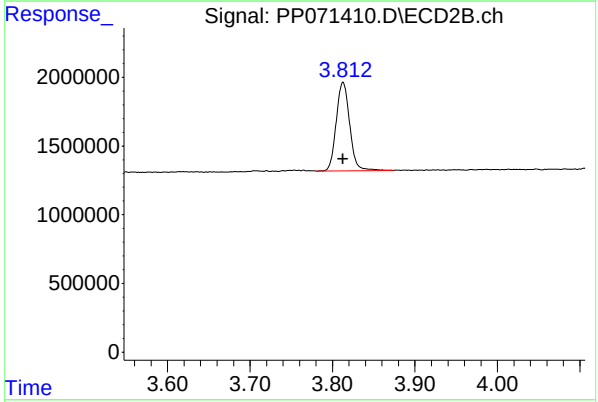
#1 Tetrachloro-m-xylene

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 8612576
Conc: 4.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

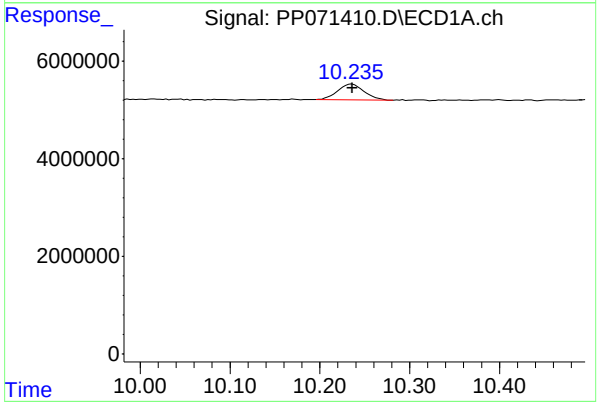
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



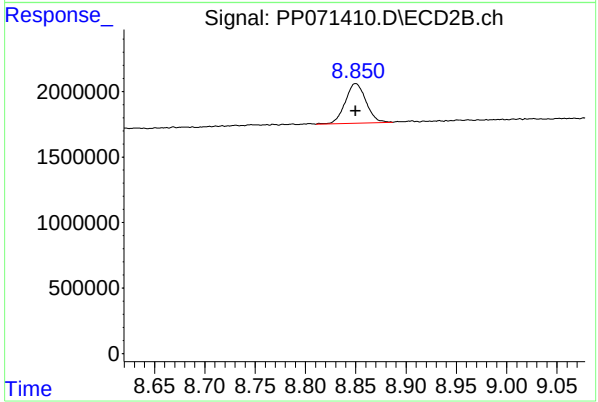
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 7342515
Conc: 5.01 ng/ml



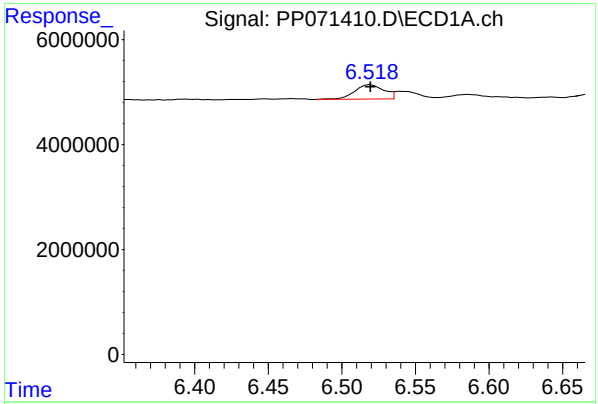
#2 Decachlorobiphenyl

R.T.: 10.236 min
Delta R.T.: 0.000 min
Response: 6643627
Conc: 4.56 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 4341119
Conc: 4.87 ng/ml



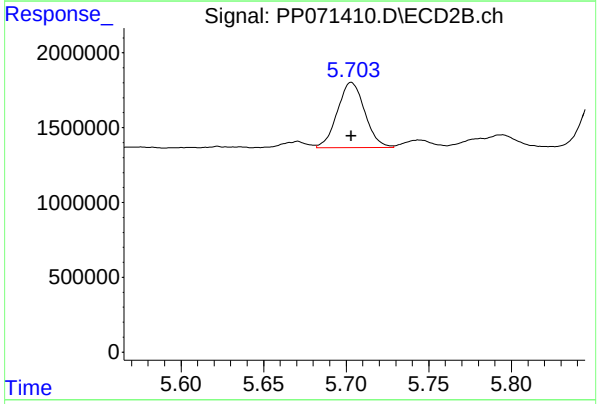
#26 AR-1254-1

R.T.: 6.520 min
Delta R.T.: 0.000 min
Response: 3787970
Conc: 46.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

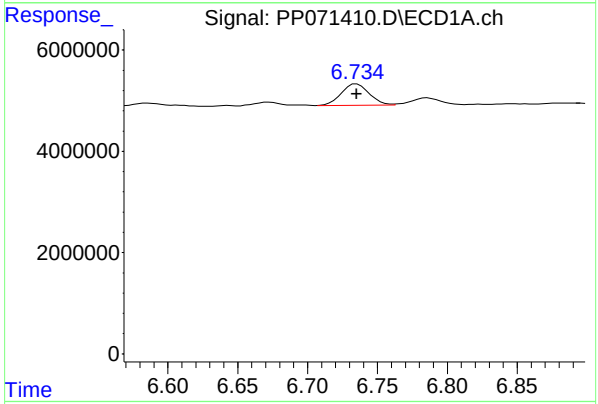
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



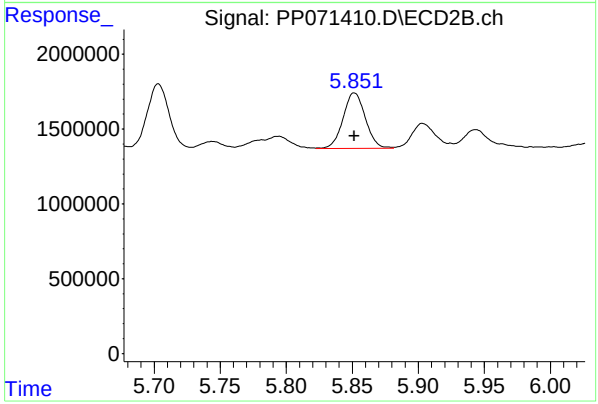
#26 AR-1254-1

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 5045448
Conc: 55.20 ng/ml



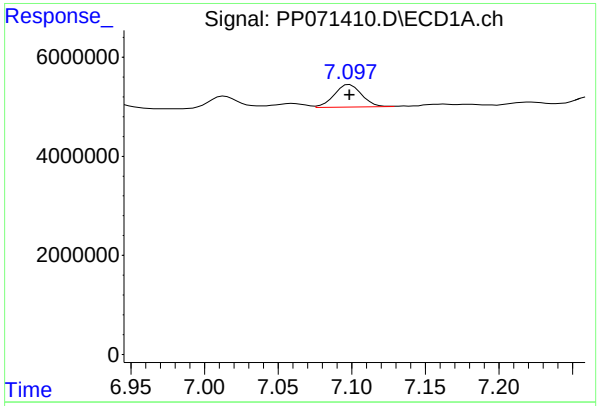
#27 AR-1254-2

R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 5933913
Conc: 46.70 ng/ml



#27 AR-1254-2

R.T.: 5.852 min
Delta R.T.: 0.000 min
Response: 4378664
Conc: 55.63 ng/ml



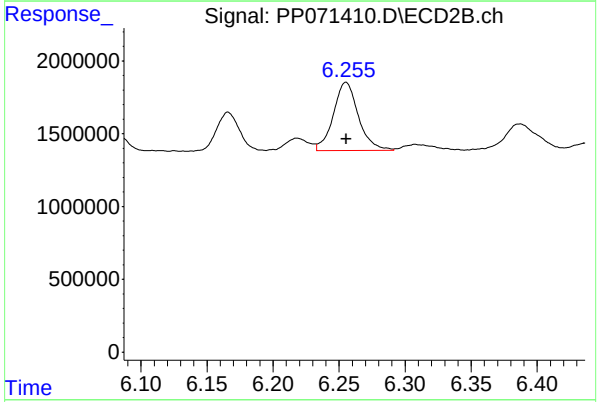
#28 AR-1254-3

R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 5851823
Conc: 45.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

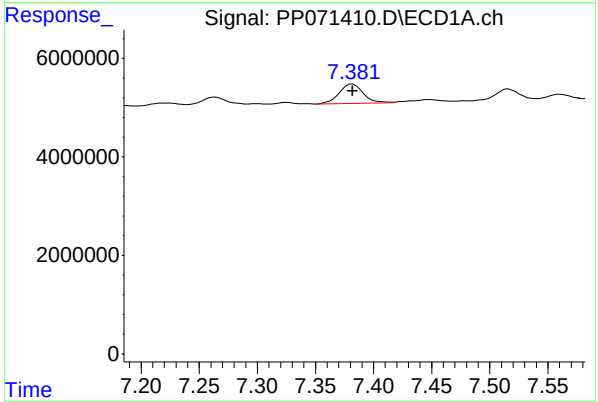
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



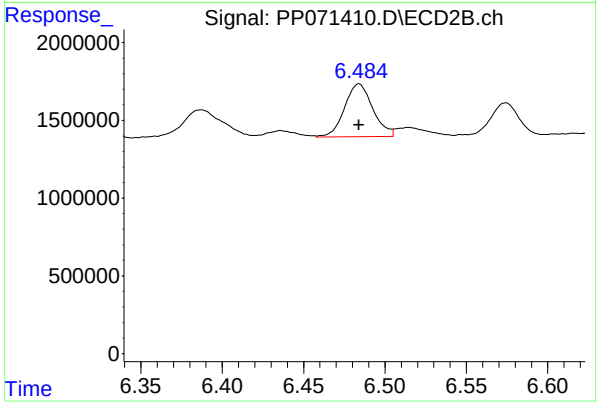
#28 AR-1254-3

R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 6211772
Conc: 52.42 ng/ml



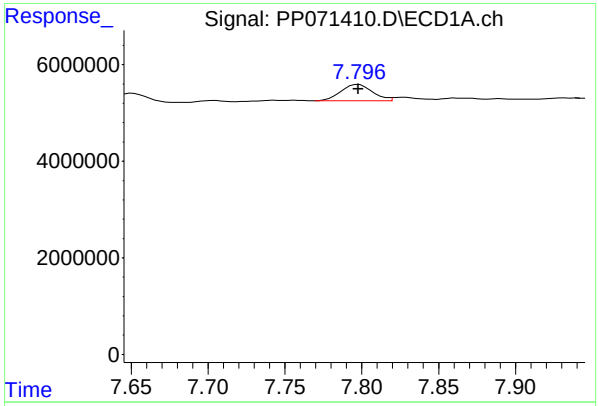
#29 AR-1254-4

R.T.: 7.382 min
Delta R.T.: 0.000 min
Response: 5633281
Conc: 47.94 ng/ml



#29 AR-1254-4

R.T.: 6.484 min
Delta R.T.: 0.000 min
Response: 4095094
Conc: 53.07 ng/ml



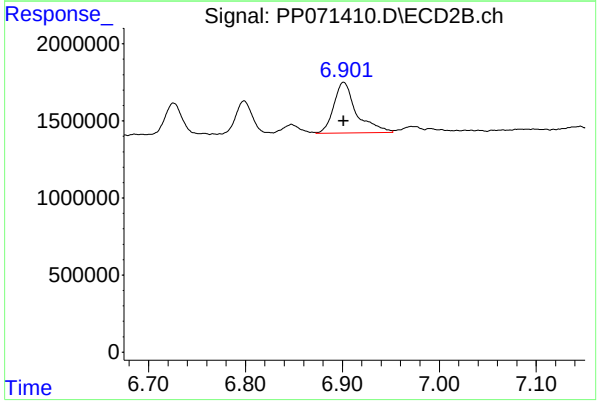
#30 AR-1254-5

R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 4819584
Conc: 44.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



#30 AR-1254-5

R.T.: 6.901 min
Delta R.T.: 0.000 min
Response: 5346230
Conc: 52.69 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071411.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 16:27
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 17:08:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 17:08:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.515	3.813	98220466	71170259	50.000	50.000
2)	SA Decachlor...	10.235	8.850	74643123	44870081	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	8.100	6.939	72245642	56806132	500.000	500.000
37)	L8 AR-1262-2	8.420	7.198	137.1E6	46169678	500.000	500.000
38)	L8 AR-1262-3	8.737	7.721	91438860	37847231	500.000	500.000
39)	L8 AR-1262-4	8.822	7.786	67105487	62412938	500.000	500.000
40)	L8 AR-1262-5	9.478	8.286	44080983	27746588	500.000	500.000

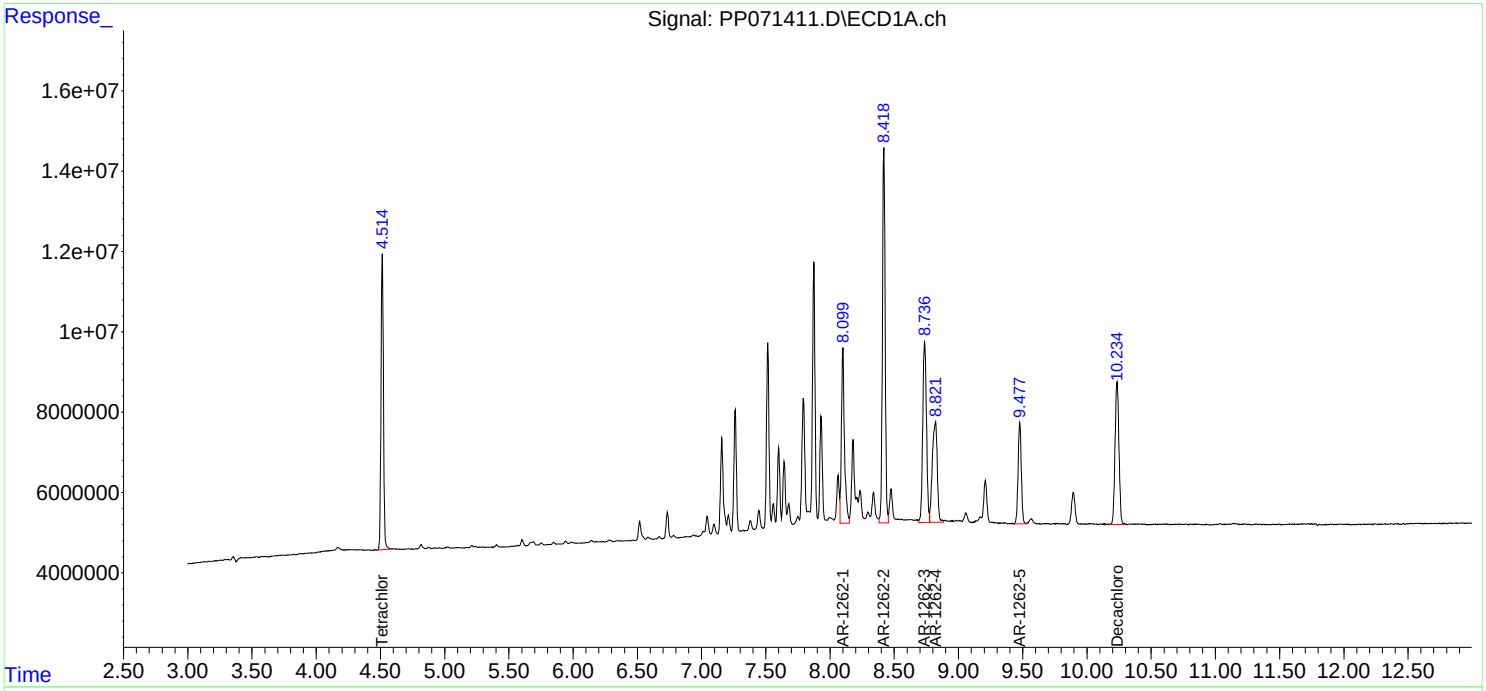
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

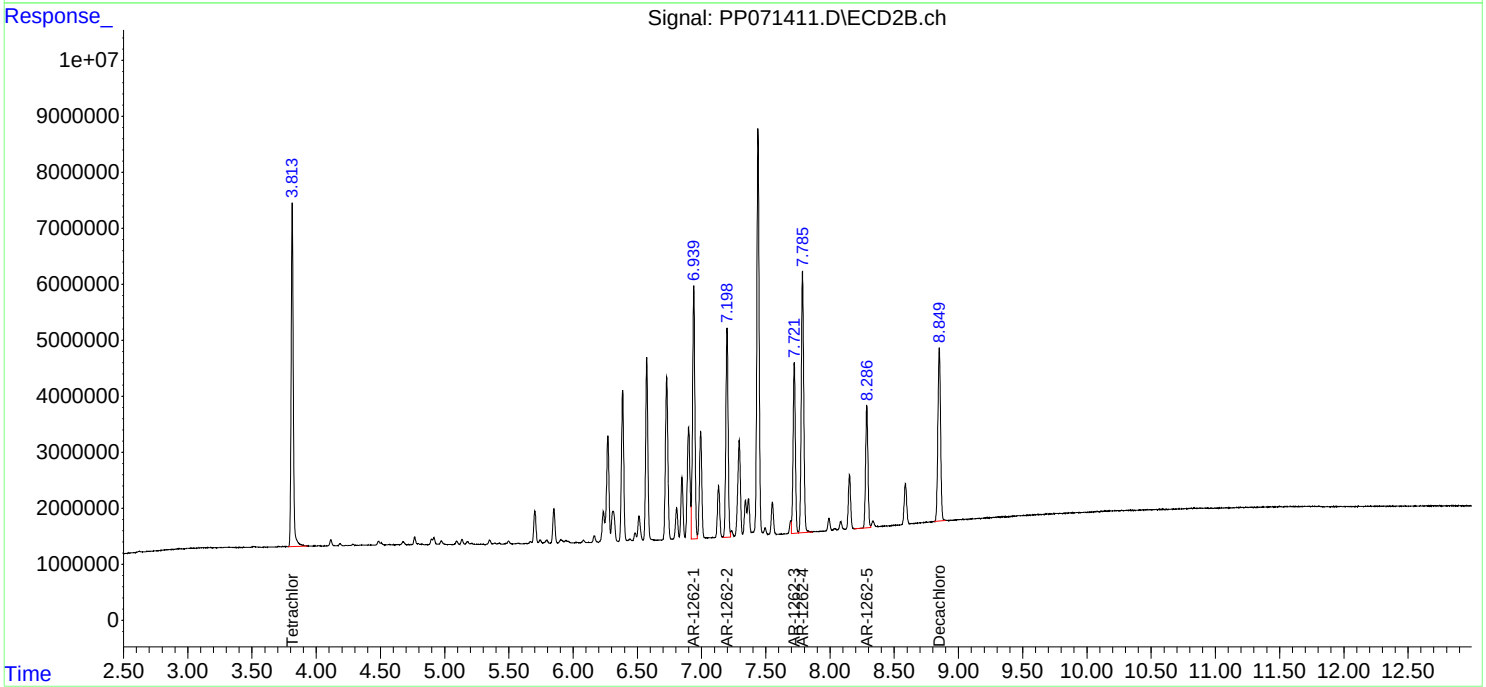
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071411.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 16:27
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

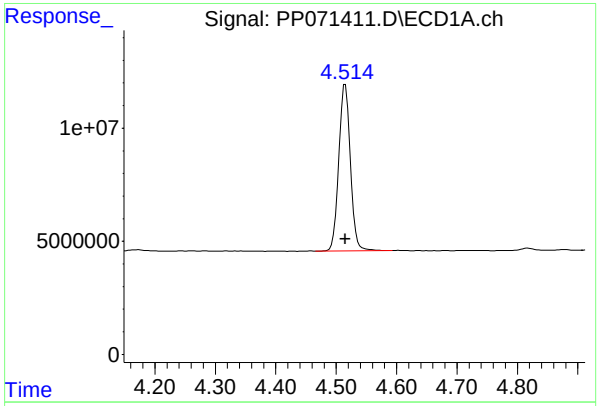
Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 17:08:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 17:08:14 2025
Response via : Initial Calibration
Integrator: ChemStation

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



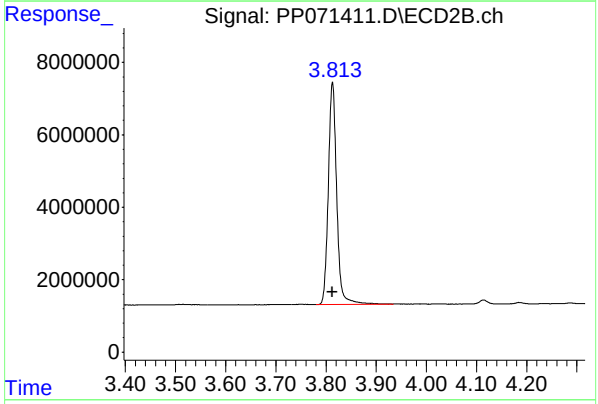




#1 Tetrachloro-m-xylene

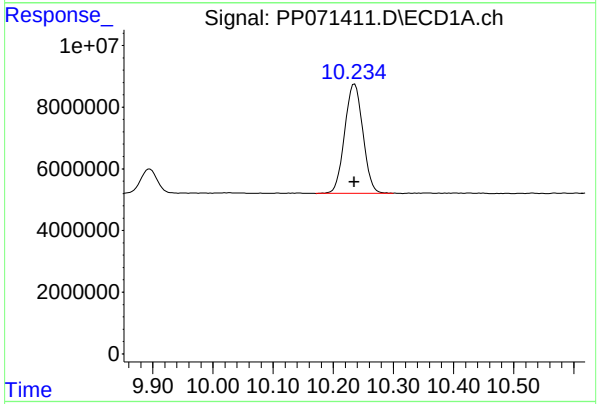
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 98220466
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



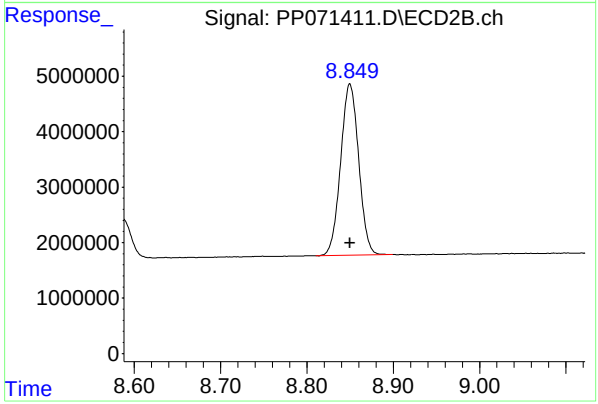
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 71170259
Conc: 50.00 ng/ml



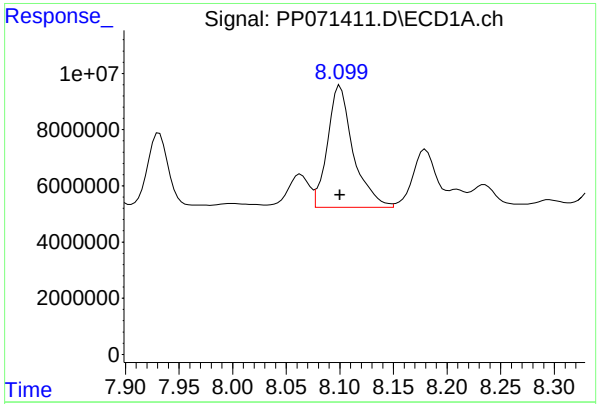
#2 Decachlorobiphenyl

R.T.: 10.235 min
Delta R.T.: 0.000 min
Response: 74643123
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

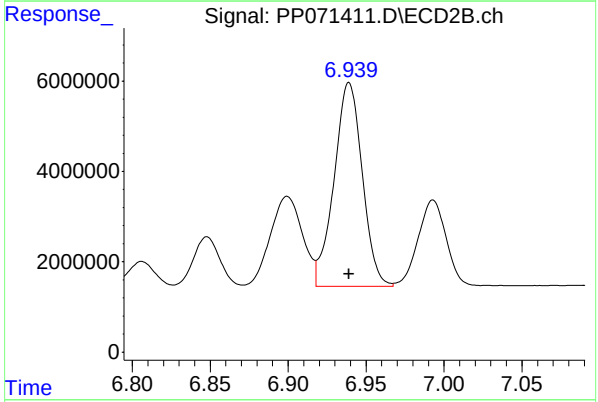
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 44870081
Conc: 50.00 ng/ml



#36 AR-1262-1

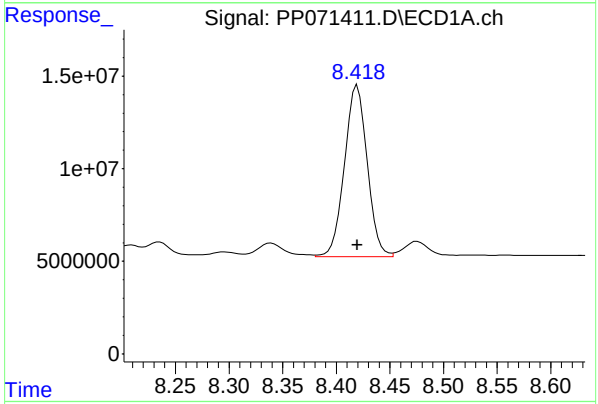
R.T.: 8.100 min
Delta R.T.: 0.000 min
Response: 72245642
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



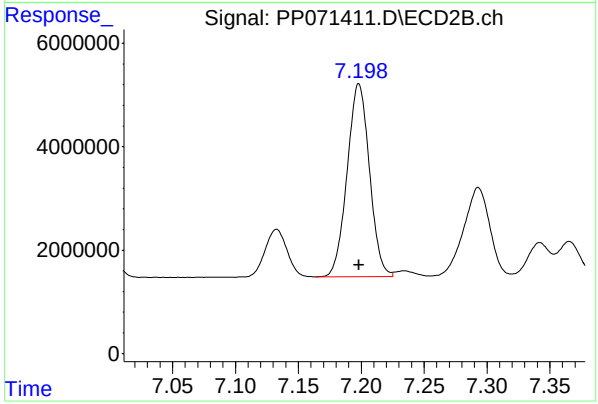
#36 AR-1262-1

R.T.: 6.939 min
Delta R.T.: 0.000 min
Response: 56806132
Conc: 500.00 ng/ml



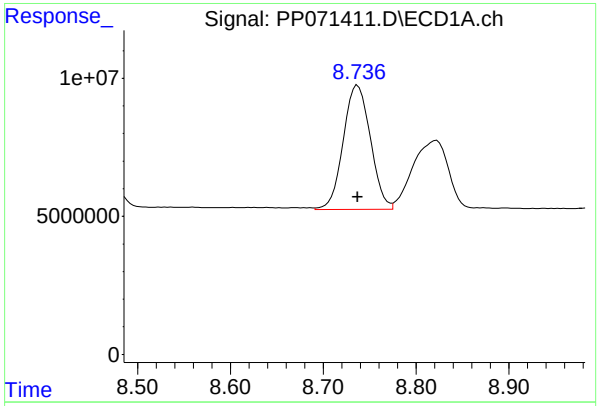
#37 AR-1262-2

R.T.: 8.420 min
Delta R.T.: 0.000 min
Response: 137093050
Conc: 500.00 ng/ml



#37 AR-1262-2

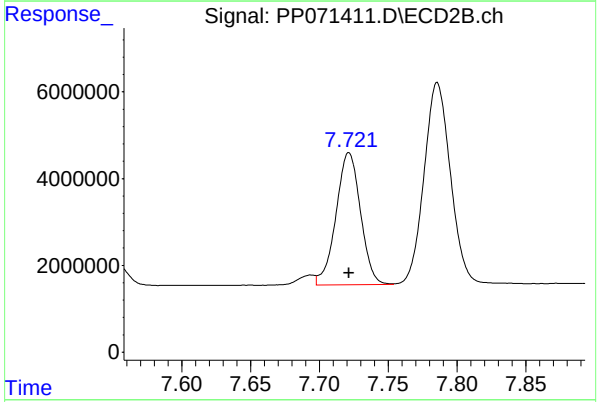
R.T.: 7.198 min
Delta R.T.: 0.000 min
Response: 46169678
Conc: 500.00 ng/ml



#38 AR-1262-3

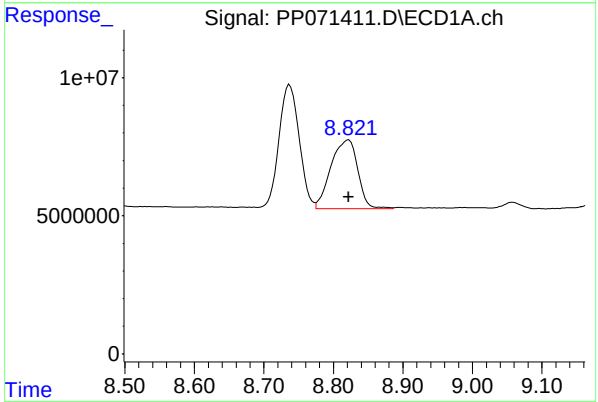
R.T.: 8.737 min
Delta R.T.: 0.000 min
Response: 91438860
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



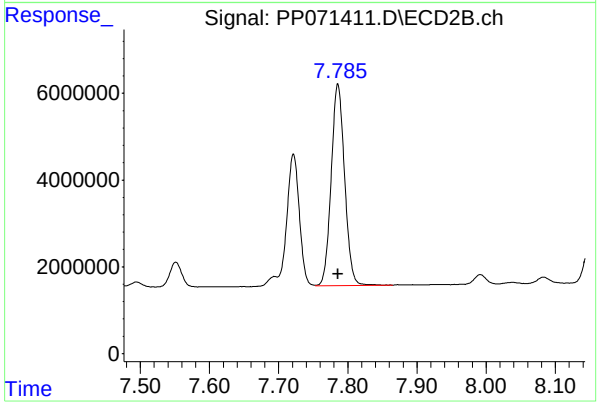
#38 AR-1262-3

R.T.: 7.721 min
Delta R.T.: 0.000 min
Response: 37847231
Conc: 500.00 ng/ml



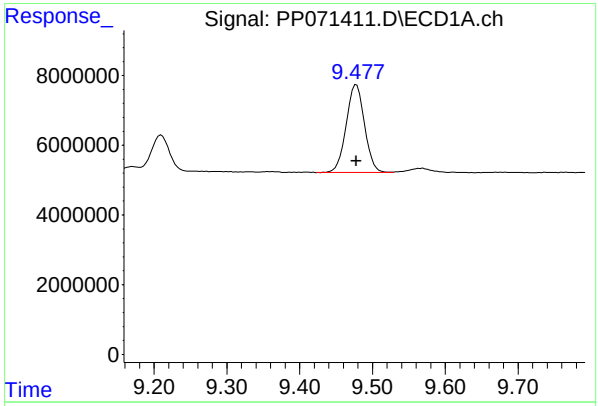
#39 AR-1262-4

R.T.: 8.822 min
Delta R.T.: 0.000 min
Response: 67105487
Conc: 500.00 ng/ml



#39 AR-1262-4

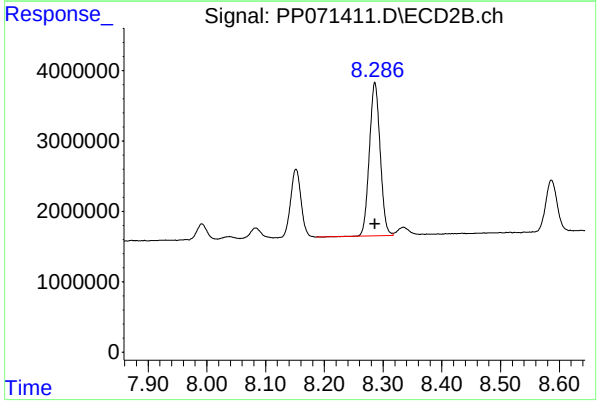
R.T.: 7.786 min
Delta R.T.: 0.000 min
Response: 62412938
Conc: 500.00 ng/ml



#40 AR-1262-5

R.T.: 9.478 min
Delta R.T.: 0.000 min
Response: 44080983
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



#40 AR-1262-5

R.T.: 8.286 min
Delta R.T.: 0.000 min
Response: 27746588
Conc: 500.00 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071412.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 16:44
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 04:44:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 04:41:50 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.514	3.812	188.4E6	147.6E6	95.054	100.837
2)	SA Decachlor...	10.235	8.850	248.7E6	149.9E6	93.152	93.528
	Target Compounds						
41)	L9 AR-1268-1	8.733	7.722	299.6E6	181.9E6	936.979	895.922m
42)	L9 AR-1268-2	8.826	7.788	251.1E6	154.8E6	937.116	896.075
43)	L9 AR-1268-3	9.058	7.993	211.9E6	128.5E6	940.656	898.014
44)	L9 AR-1268-4	9.477	8.287	93231632	56964280	941.667	896.773
45)	L9 AR-1268-5	9.894	8.588	590.1E6	367.0E6	950.117	952.869

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071412.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 16:44
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

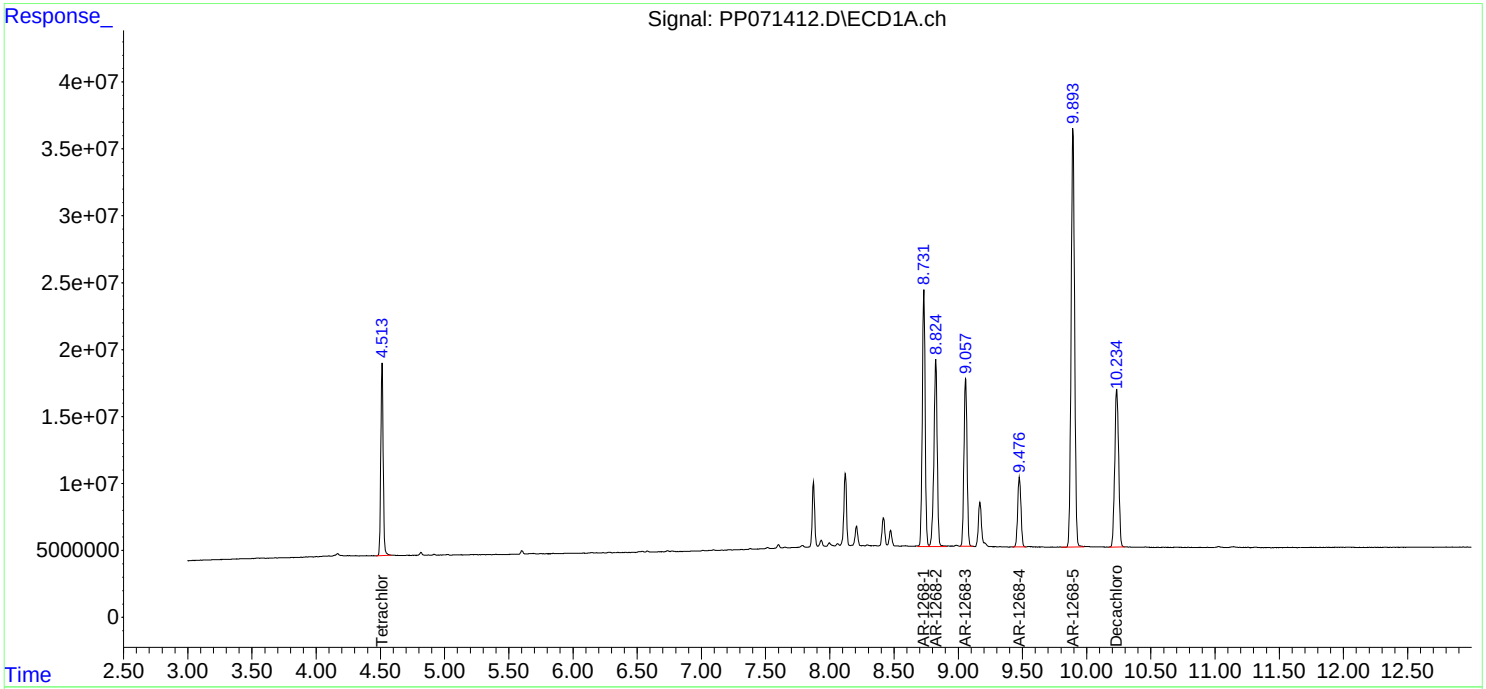
Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

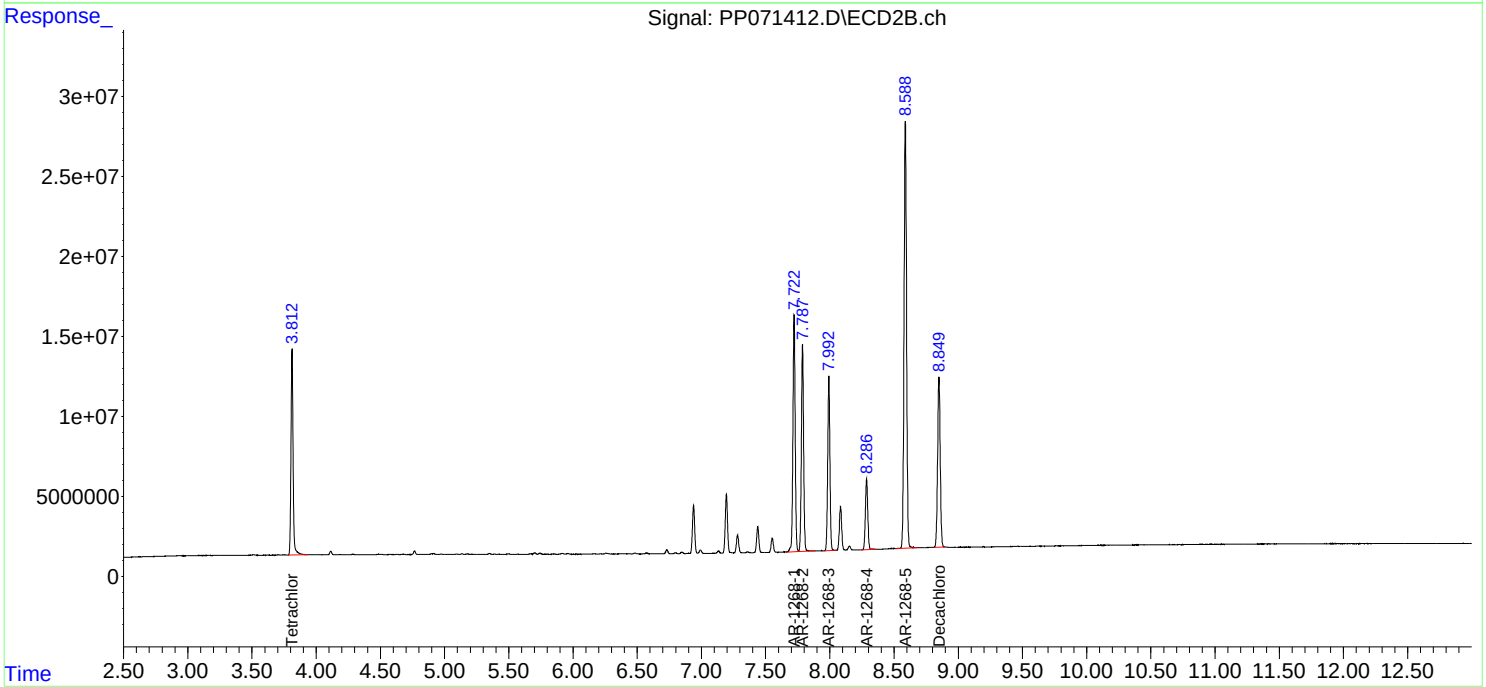
Manual Integrations APPROVED

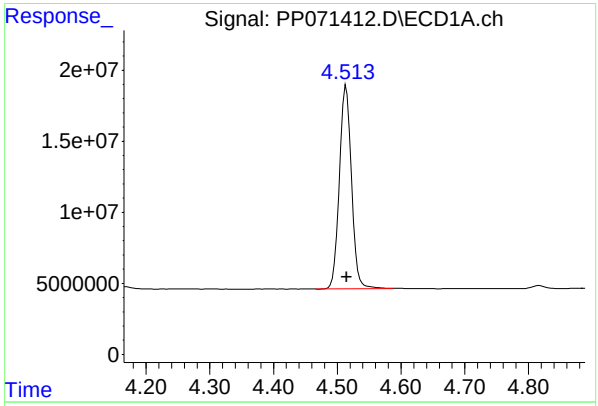
Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 04:44:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 04:41:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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







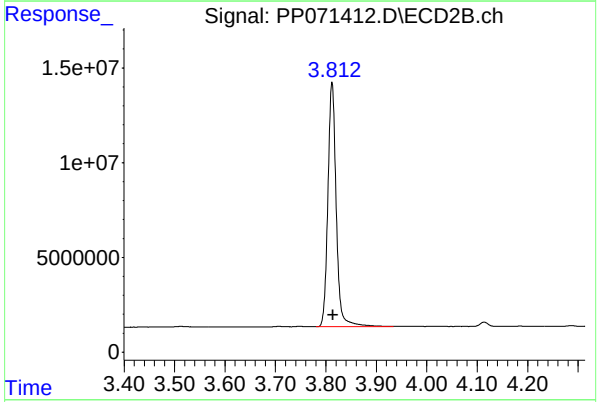
#1 Tetrachloro-m-xylene

R.T.: 4.514 min
Delta R.T.: -0.001 min
Response: 188397795
Conc: 95.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

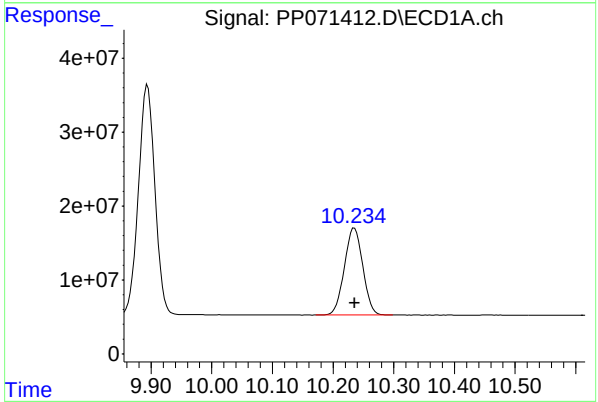
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



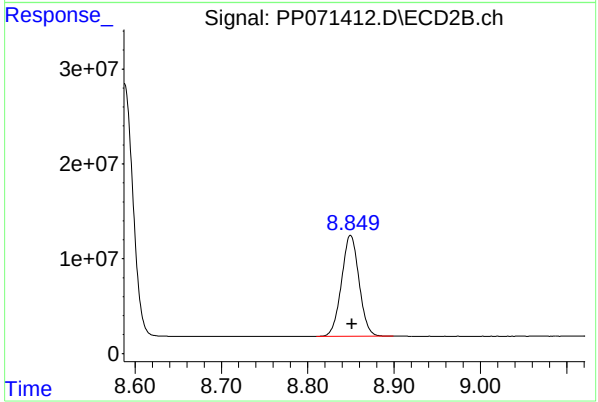
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: -0.002 min
Response: 147647099
Conc: 100.84 ng/ml



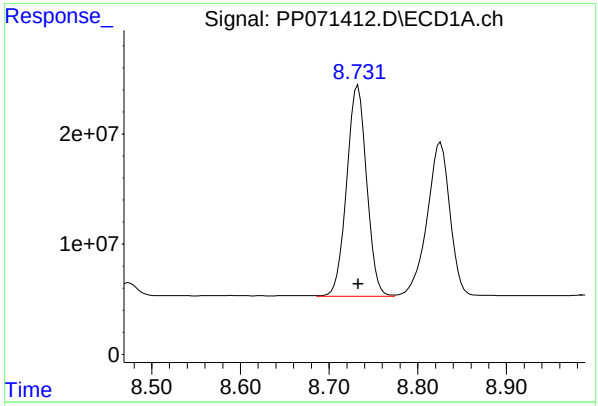
#2 Decachlorobiphenyl

R.T.: 10.235 min
Delta R.T.: 0.000 min
Response: 248662366
Conc: 93.15 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.850 min
Delta R.T.: -0.001 min
Response: 149905120
Conc: 93.53 ng/ml



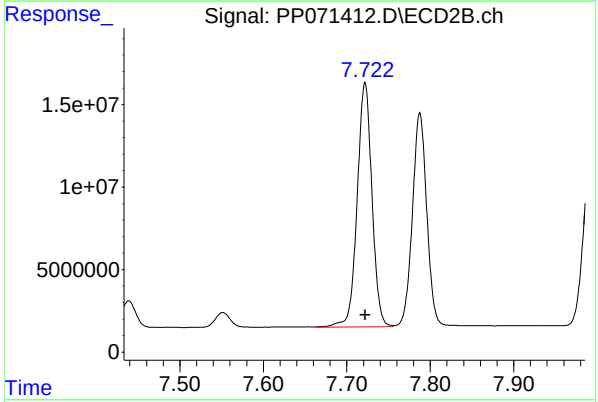
#41 AR-1268-1

R.T.: 8.733 min
Delta R.T.: 0.000 mi
Response: 299594266
Conc: 936.98 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

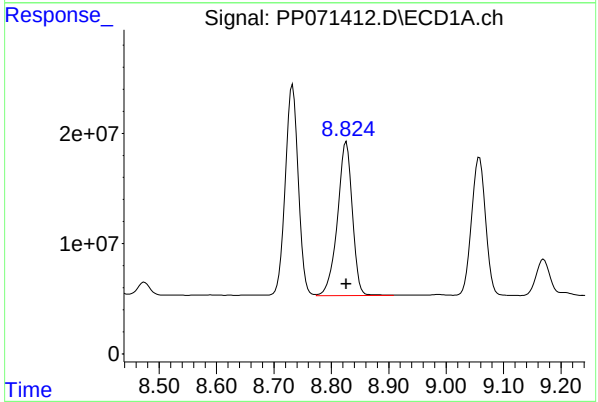
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



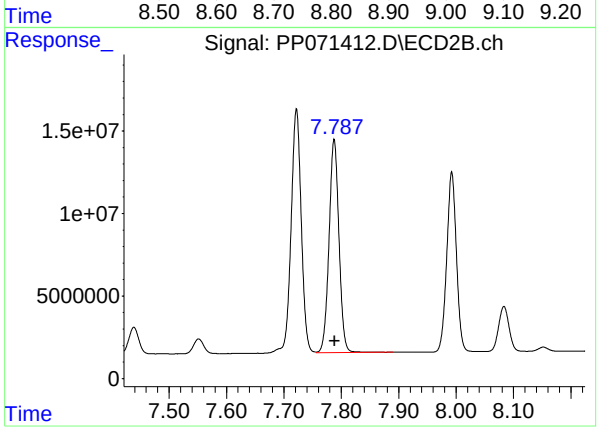
#41 AR-1268-1

R.T.: 7.722 min
Delta R.T.: 0.000 min
Response: 181860271
Conc: 895.92 ng/ml m



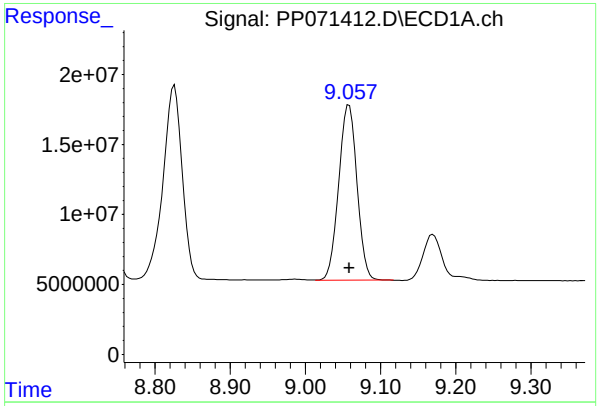
#42 AR-1268-2

R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 251109850
Conc: 937.12 ng/ml



#42 AR-1268-2

R.T.: 7.788 min
Delta R.T.: 0.000 min
Response: 154801411
Conc: 896.07 ng/ml



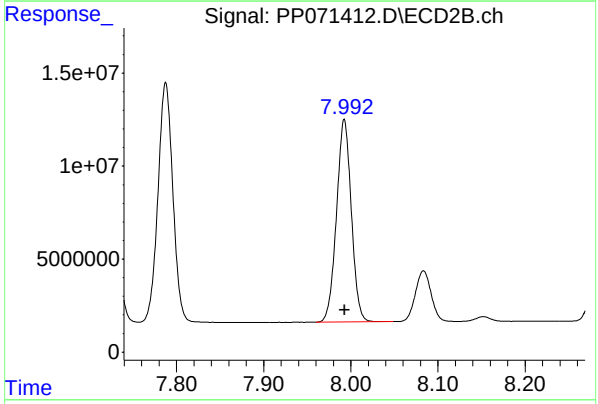
#43 AR-1268-3

R.T.: 9.058 min
Delta R.T.: 0.000 min
Response: 211915080
Conc: 940.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

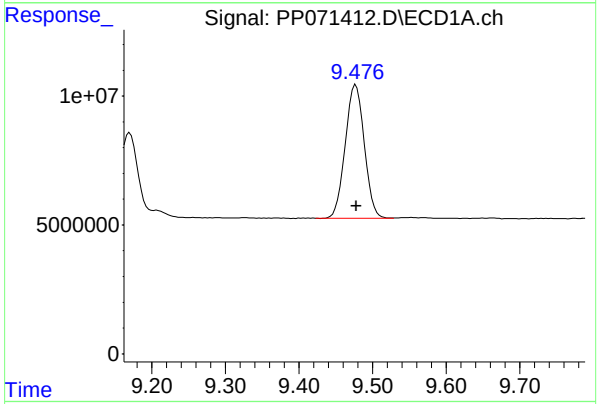
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



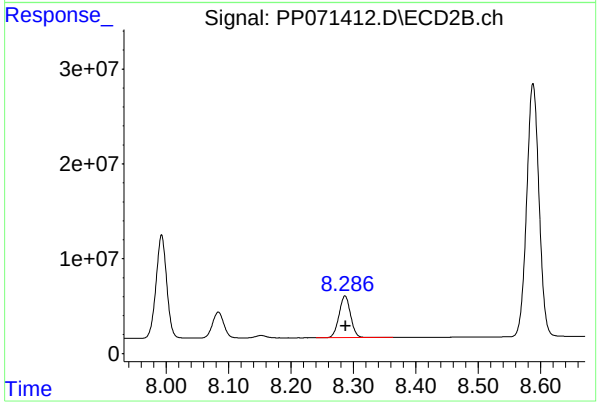
#43 AR-1268-3

R.T.: 7.993 min
Delta R.T.: 0.000 min
Response: 128491160
Conc: 898.01 ng/ml



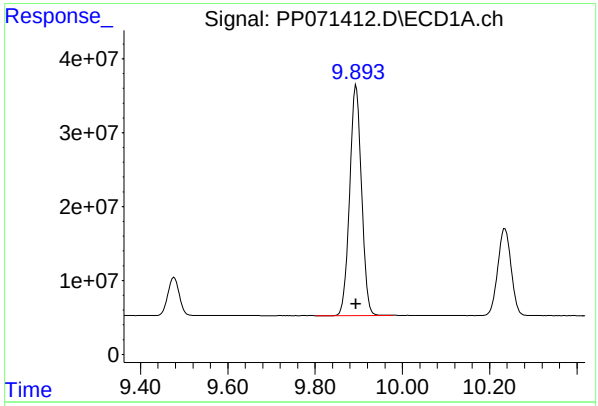
#44 AR-1268-4

R.T.: 9.477 min
Delta R.T.: 0.000 min
Response: 93231632
Conc: 941.67 ng/ml



#44 AR-1268-4

R.T.: 8.287 min
Delta R.T.: 0.000 min
Response: 56964280
Conc: 896.77 ng/ml



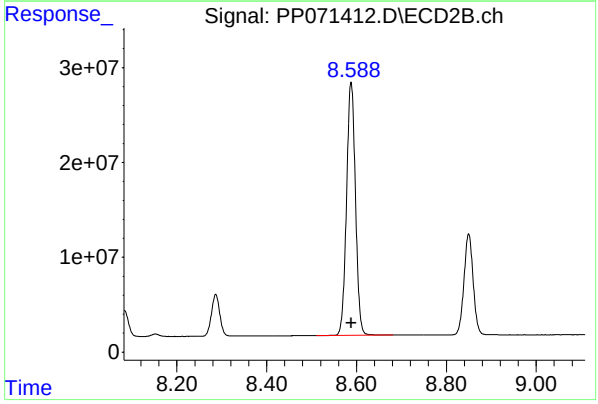
#45 AR-1268-5

R.T.: 9.894 min
Delta R.T.: 0.000 min
Response: 590082071
Conc: 950.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



#45 AR-1268-5

R.T.: 8.588 min
Delta R.T.: 0.000 min
Response: 367021219
Conc: 952.87 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071413.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 17:00
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 04:45:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 04:41:50 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.515	3.813	144.9E6	108.4E6	73.091	74.065
2)	SA Decachlor...	10.234	8.849	191.8E6	116.0E6	71.833	72.344
	Target Compounds						
41)	L9 AR-1268-1	8.733	7.721	231.8E6	141.3E6	725.026	696.327m
42)	L9 AR-1268-2	8.826	7.787	194.3E6	119.6E6	725.052	692.534
43)	L9 AR-1268-3	9.058	7.991	163.8E6	99816904	726.929	697.612
44)	L9 AR-1268-4	9.476	8.285	72323269	44771879	730.486	704.831
45)	L9 AR-1268-5	9.894	8.587	452.8E6	283.3E6	729.082	735.437

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071413.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 17:00
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

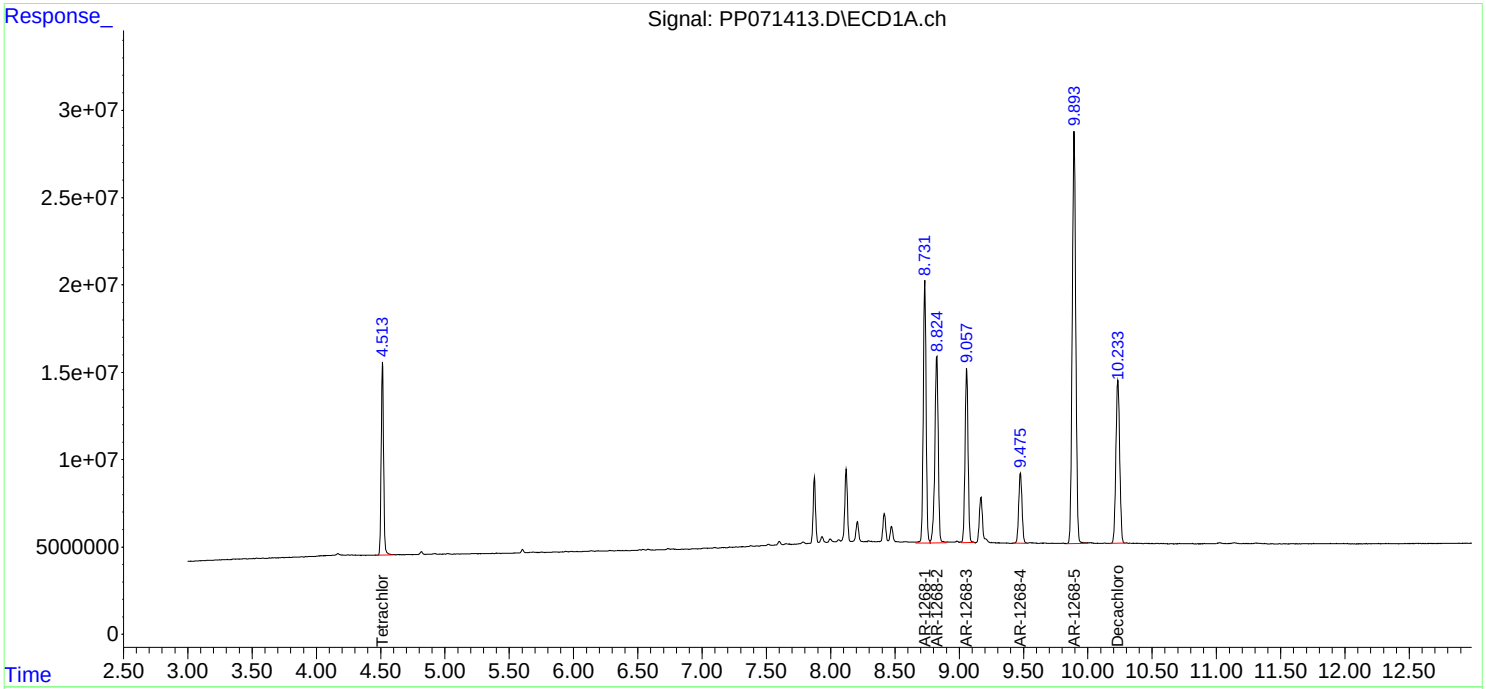
Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

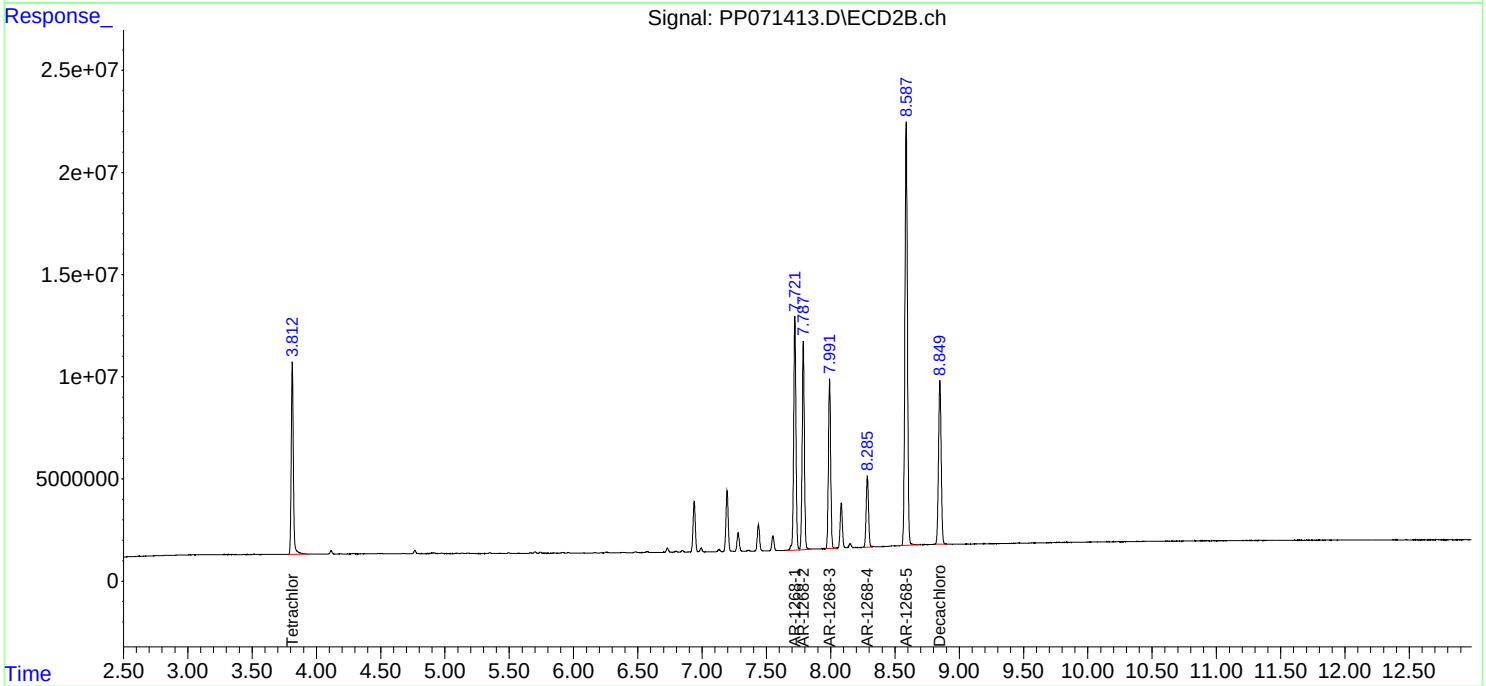
Manual Integrations APPROVED

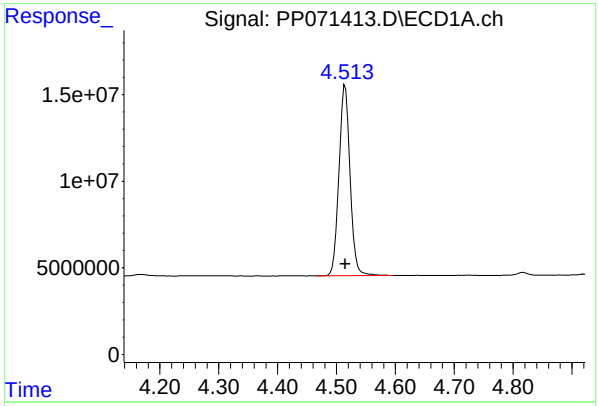
Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 04:45:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 04:41:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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







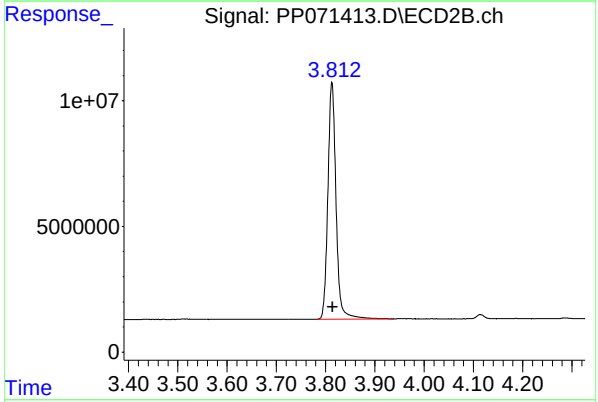
#1 Tetrachloro-m-xylene

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 144867571
Conc: 73.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

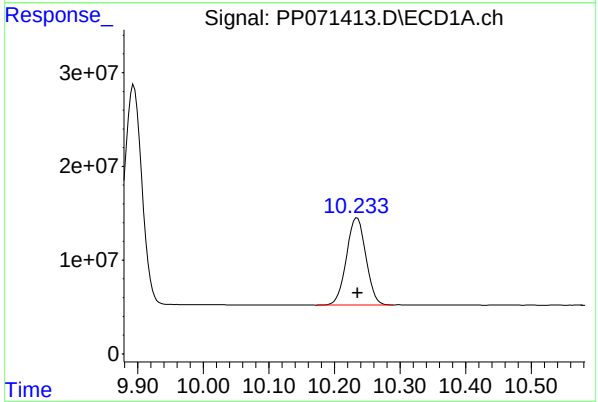
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



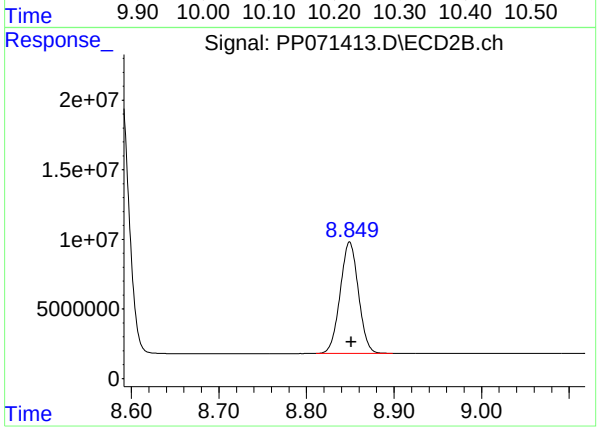
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: -0.001 min
Response: 108446461
Conc: 74.06 ng/ml



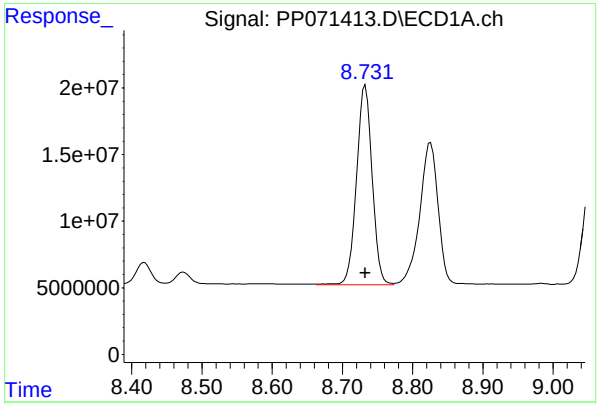
#2 Decachlorobiphenyl

R.T.: 10.234 min
Delta R.T.: -0.001 min
Response: 191753222
Conc: 71.83 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.849 min
Delta R.T.: -0.002 min
Response: 115953007
Conc: 72.34 ng/ml



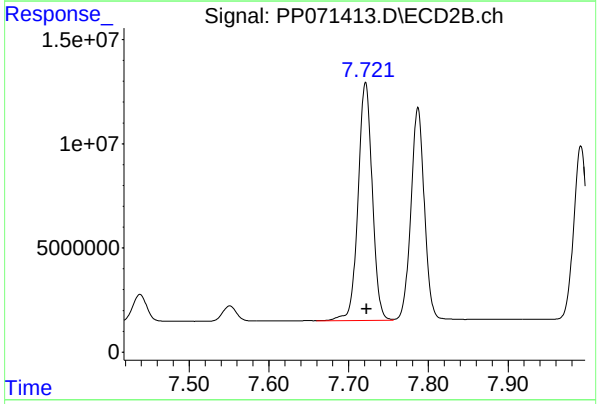
#41 AR-1268-1

R.T.: 8.733 min
Delta R.T.: 0.000 min
Response: 231823386
Conc: 725.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

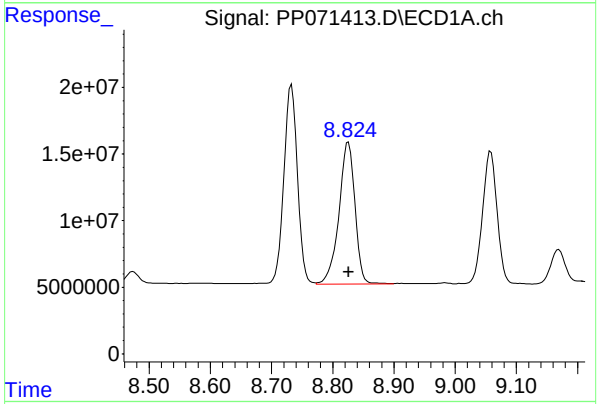
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



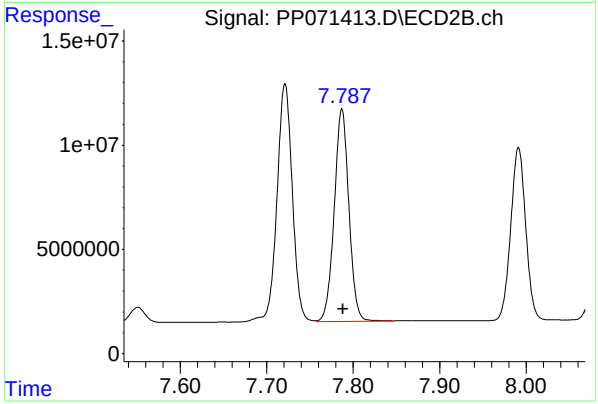
#41 AR-1268-1

R.T.: 7.721 min
Delta R.T.: -0.002 min
Response: 141345145
Conc: 696.33 ng/ml m



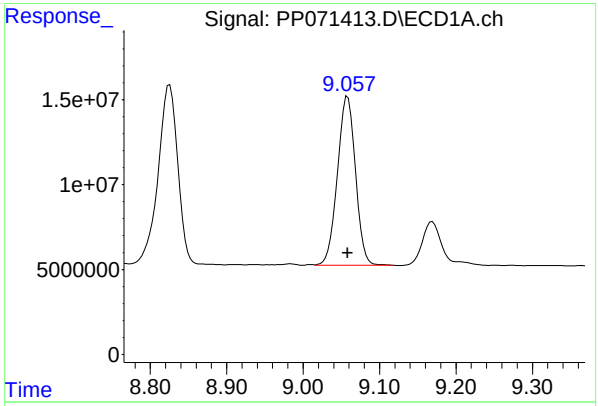
#42 AR-1268-2

R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 194285253
Conc: 725.05 ng/ml



#42 AR-1268-2

R.T.: 7.787 min
Delta R.T.: -0.001 min
Response: 119638783
Conc: 692.53 ng/ml



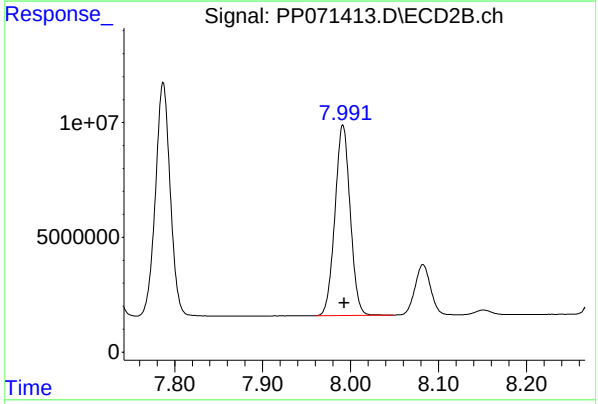
#43 AR-1268-3

R.T.: 9.058 min
Delta R.T.: 0.000 min
Response: 163765585
Conc: 726.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

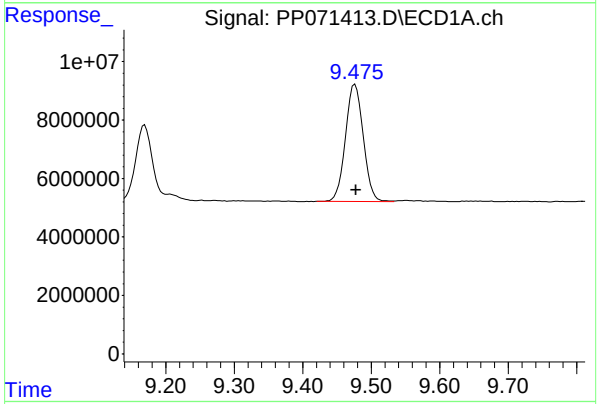
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



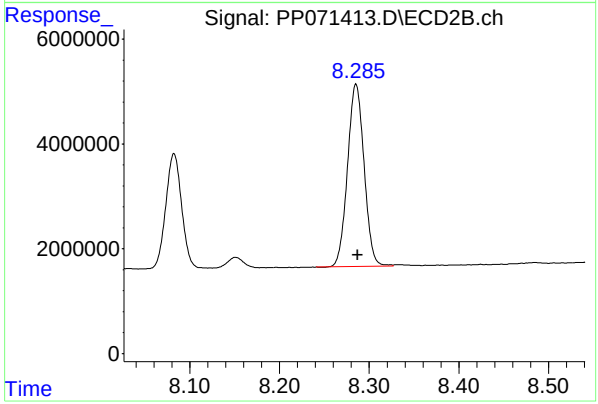
#43 AR-1268-3

R.T.: 7.991 min
Delta R.T.: -0.002 min
Response: 99816904
Conc: 697.61 ng/ml



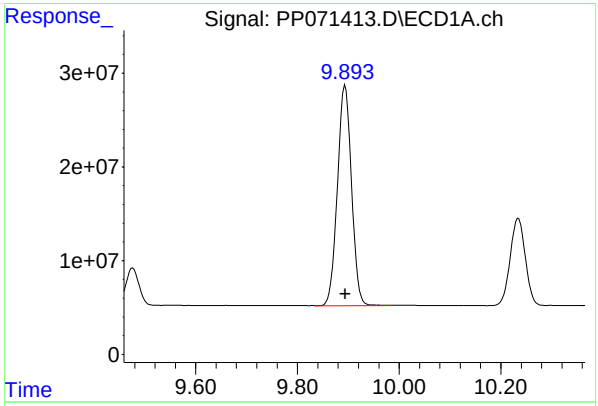
#44 AR-1268-4

R.T.: 9.476 min
Delta R.T.: -0.002 min
Response: 72323269
Conc: 730.49 ng/ml



#44 AR-1268-4

R.T.: 8.285 min
Delta R.T.: -0.002 min
Response: 44771879
Conc: 704.83 ng/ml



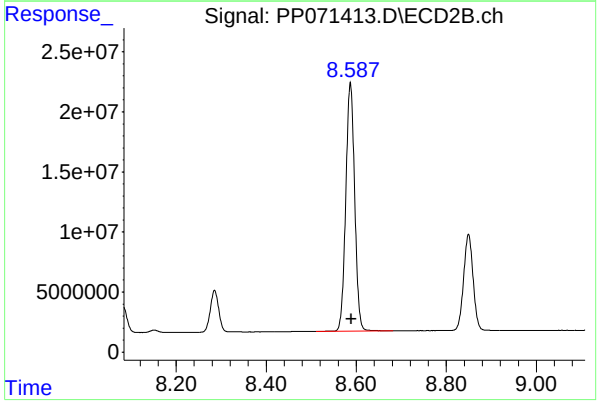
#45 AR-1268-5

R.T.: 9.894 min
Delta R.T.: 0.000 mi
Response: 452805185
Conc: 729.08 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



#45 AR-1268-5

R.T.: 8.587 min
Delta R.T.: -0.002 min
Response: 283271897
Conc: 735.44 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071414.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 17:16
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 04:46:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 04:41:50 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.515	3.814	99100413	73210719	50.000	50.000
2)	SA Decachlor...	10.236	8.851	133.5E6	80139523	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	8.733	7.722	159.9E6	101.7E6	500.000	501.224m
42)	L9 AR-1268-2	8.826	7.788	134.0E6	86377504	500.000	500.000
43)	L9 AR-1268-3	9.059	7.993	112.6E6	71541846	500.000	500.000
44)	L9 AR-1268-4	9.478	8.287	49503520	31760699	500.000	500.000
45)	L9 AR-1268-5	9.894	8.589	310.5E6	192.6E6	500.000	500.000

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071414.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 17:16
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

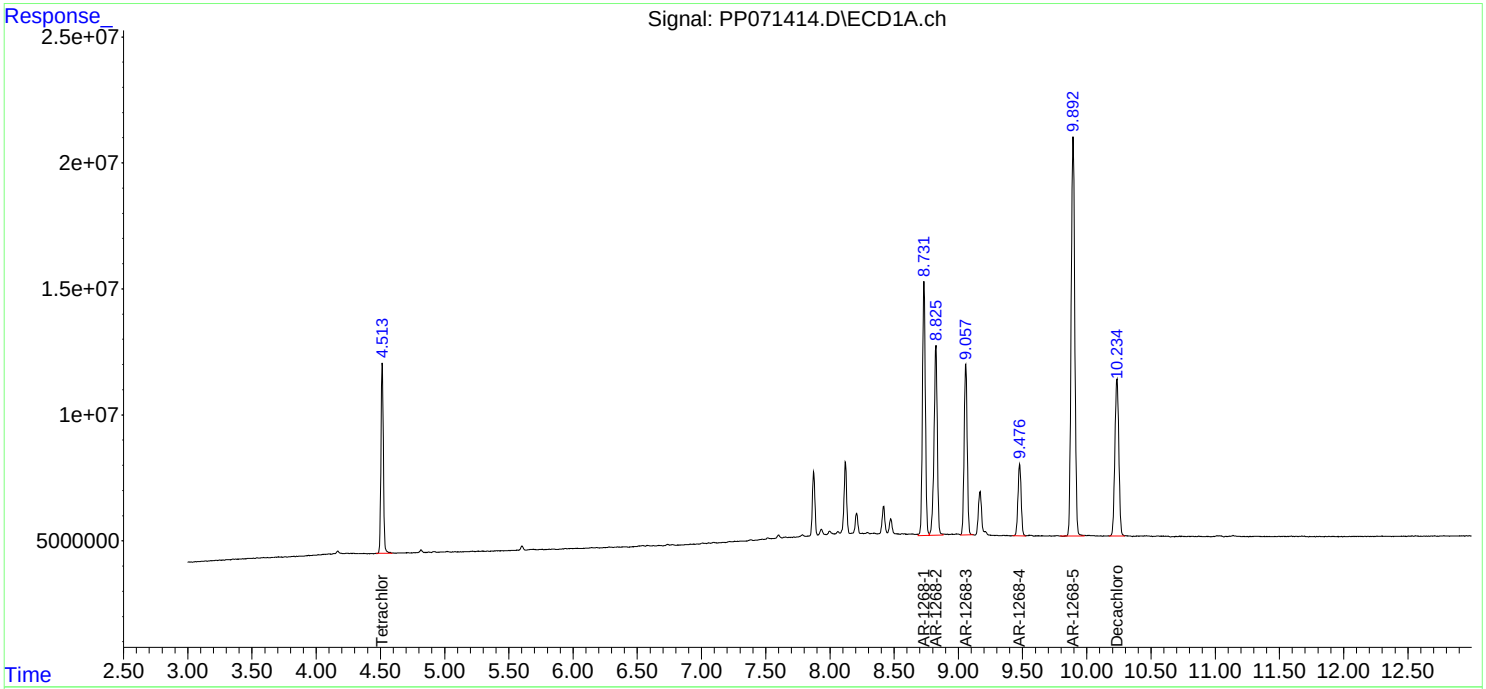
Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

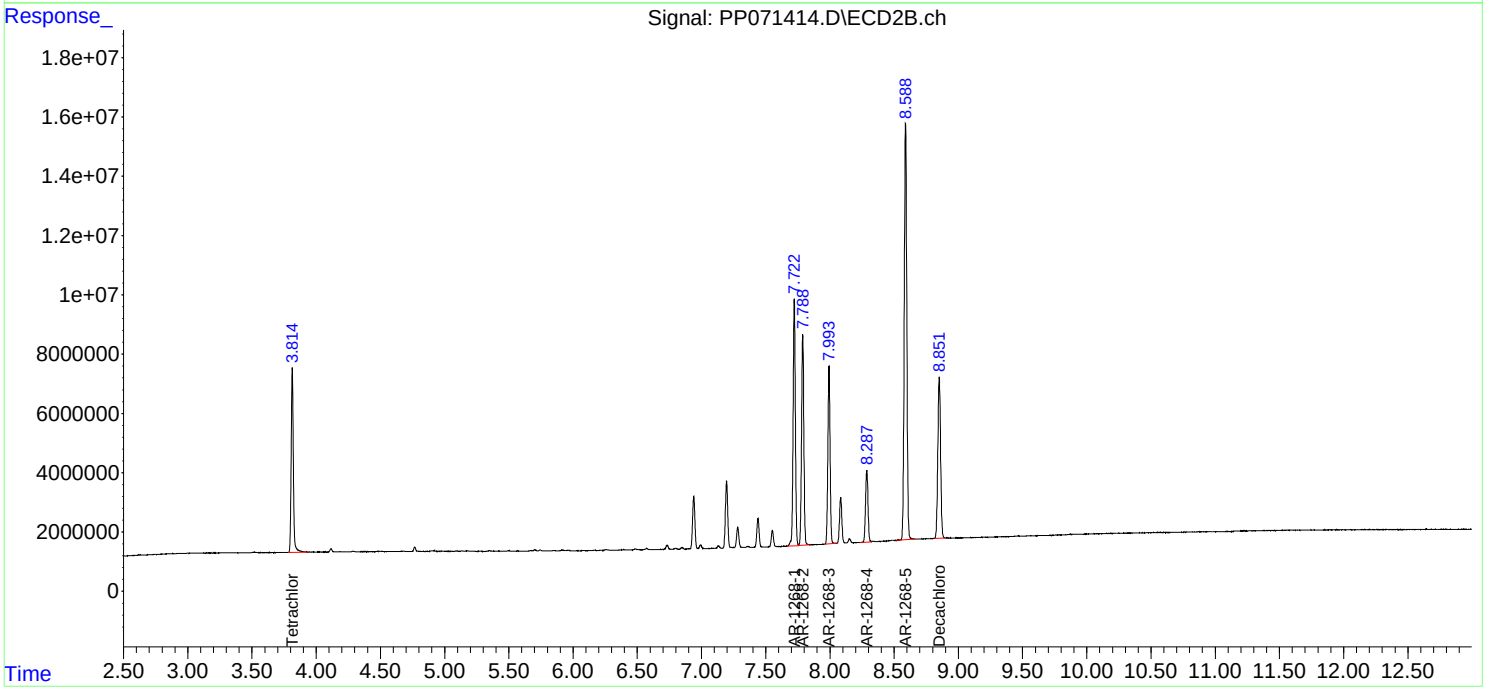
Manual Integrations APPROVED

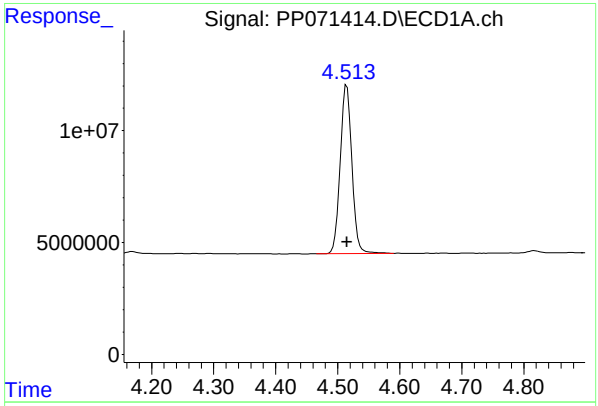
Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 04:46:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 04:41:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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







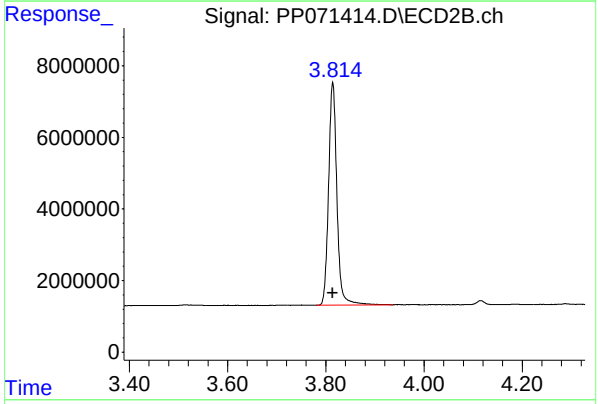
#1 Tetrachloro-m-xylene

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 99100413
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

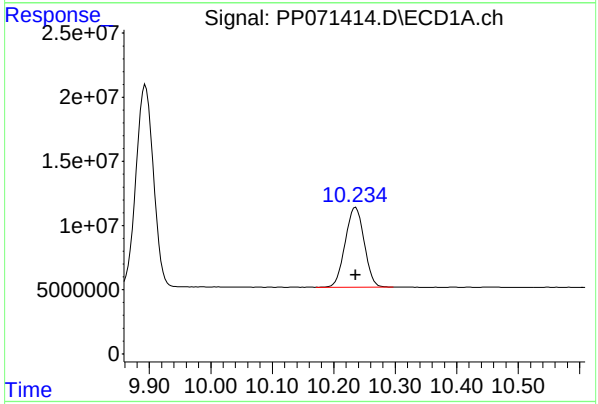
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



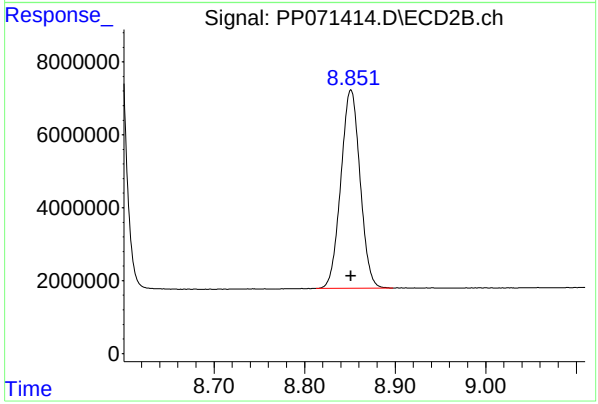
#1 Tetrachloro-m-xylene

R.T.: 3.814 min
Delta R.T.: 0.000 min
Response: 73210719
Conc: 50.00 ng/ml



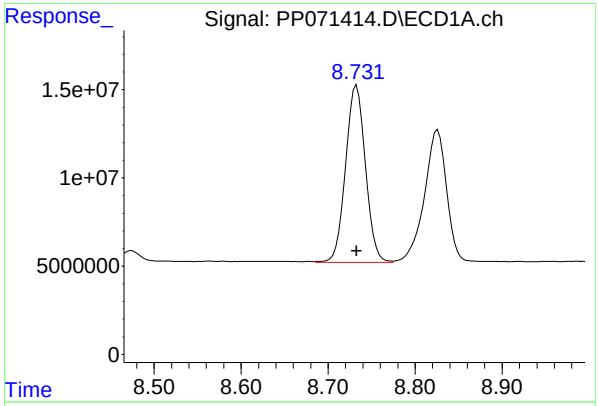
#2 Decachlorobiphenyl

R.T.: 10.236 min
Delta R.T.: 0.000 min
Response: 133470748
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.851 min
Delta R.T.: 0.000 min
Response: 80139523
Conc: 50.00 ng/ml



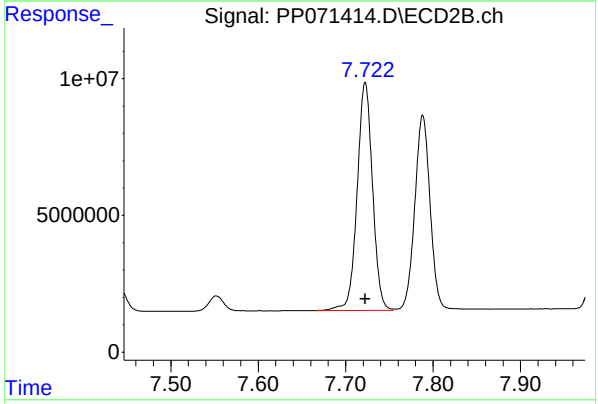
#41 AR-1268-1

R.T.: 8.733 min
Delta R.T.: 0.000 mi
Response: 159872402
Conc: 500.00 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

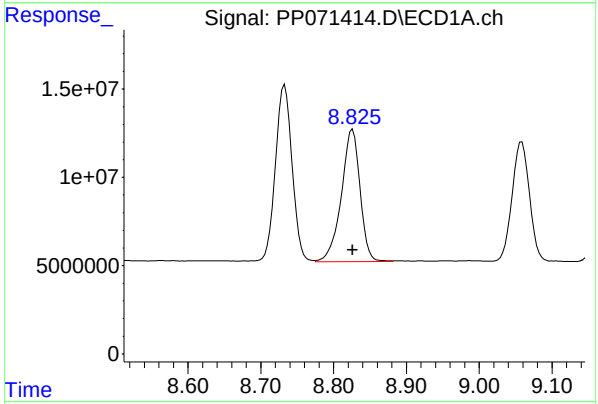
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



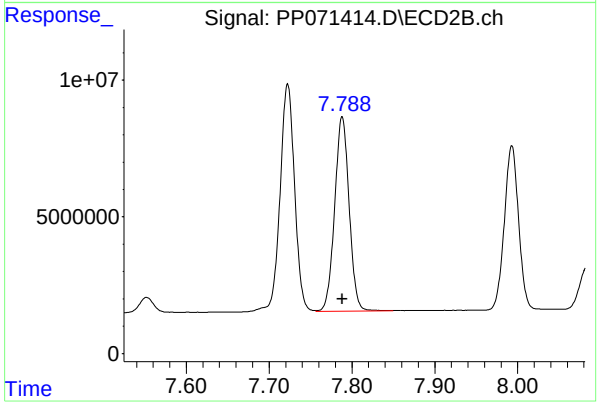
#41 AR-1268-1

R.T.: 7.722 min
Delta R.T.: 0.000 min
Response: 101741890
Conc: 501.22 ng/ml m



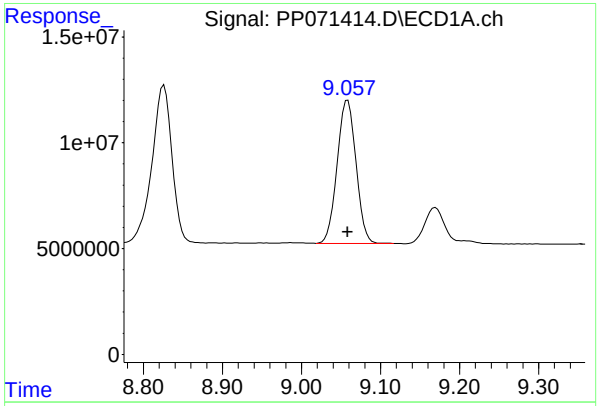
#42 AR-1268-2

R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 133980177
Conc: 500.00 ng/ml



#42 AR-1268-2

R.T.: 7.788 min
Delta R.T.: 0.000 min
Response: 86377504
Conc: 500.00 ng/ml



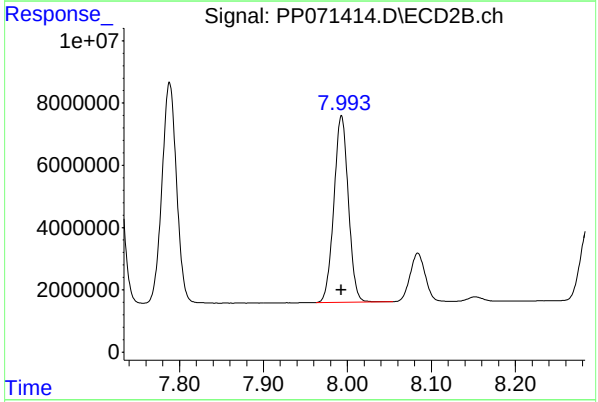
#43 AR-1268-3

R.T.: 9.059 min
Delta R.T.: 0.000 min
Response: 112642140
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

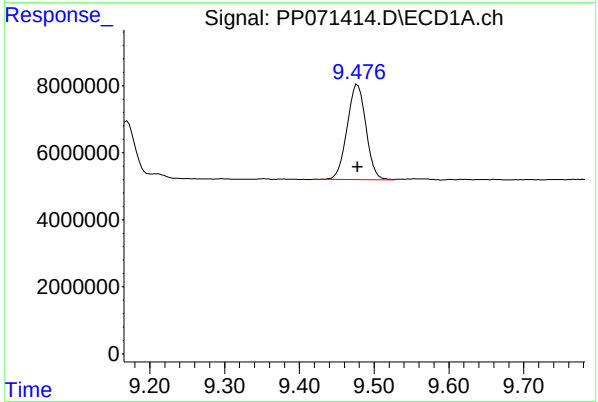
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



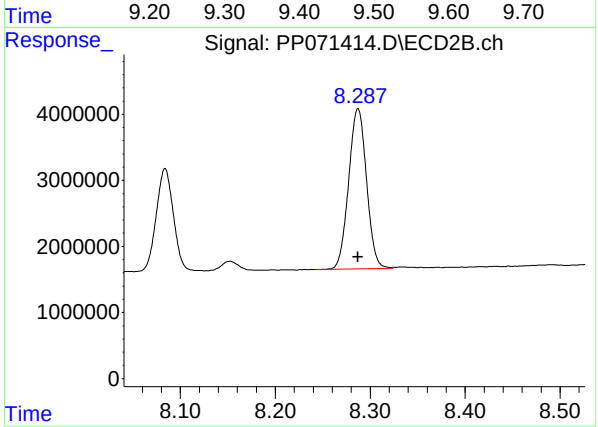
#43 AR-1268-3

R.T.: 7.993 min
Delta R.T.: 0.000 min
Response: 71541846
Conc: 500.00 ng/ml



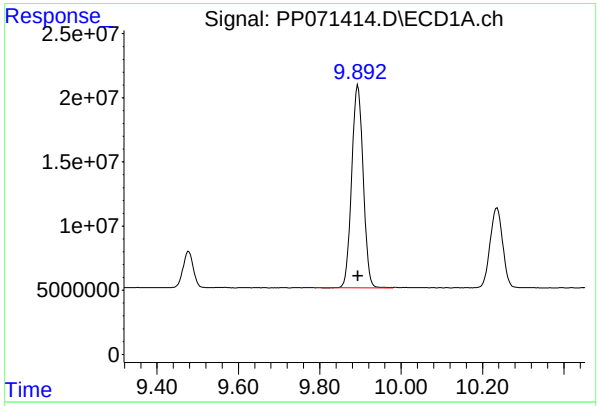
#44 AR-1268-4

R.T.: 9.478 min
Delta R.T.: 0.000 min
Response: 49503520
Conc: 500.00 ng/ml



#44 AR-1268-4

R.T.: 8.287 min
Delta R.T.: 0.000 min
Response: 31760699
Conc: 500.00 ng/ml



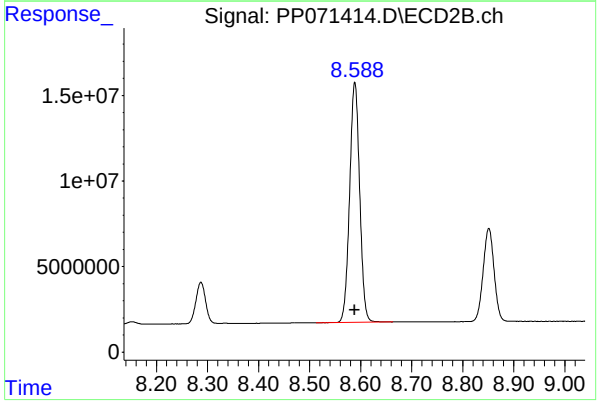
#45 AR-1268-5

R.T.: 9.894 min
Delta R.T.: 0.000 min
Response: 310531224
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Manual Integrations
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Supervised By :mohammad ahmed 04/24/2025



#45 AR-1268-5

R.T.: 8.589 min
Delta R.T.: 0.000 min
Response: 192587534
Conc: 500.00 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071415.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 17:33
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 04:47:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 04:41:50 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.517	3.813	50174786	36443440	25.315	24.889
2)	SA Decachlor...	10.236	8.850	67366681	41318494	25.236	25.779
	Target Compounds						
41)	L9 AR-1268-1	8.735	7.721	82956522	51353583	259.446	252.990m
42)	L9 AR-1268-2	8.828	7.788	68964227	43318102	257.367	250.749
43)	L9 AR-1268-3	9.061	7.991	57876424	36193296	256.904	252.952
44)	L9 AR-1268-4	9.480	8.286	24514996	16044448	247.609	252.583
45)	L9 AR-1268-5	9.897	8.587	157.8E6	96869753	254.135	251.495

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

ICAL Form

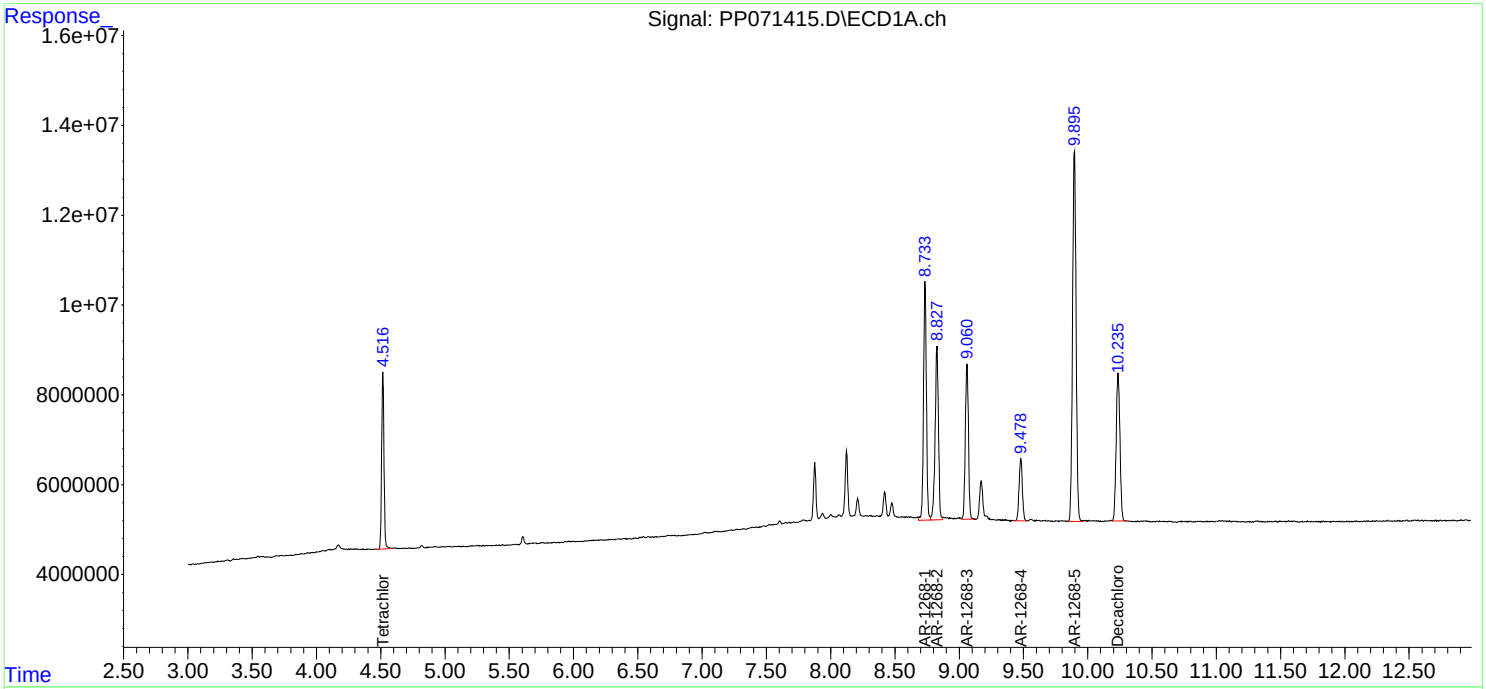
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071415.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 17:33
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

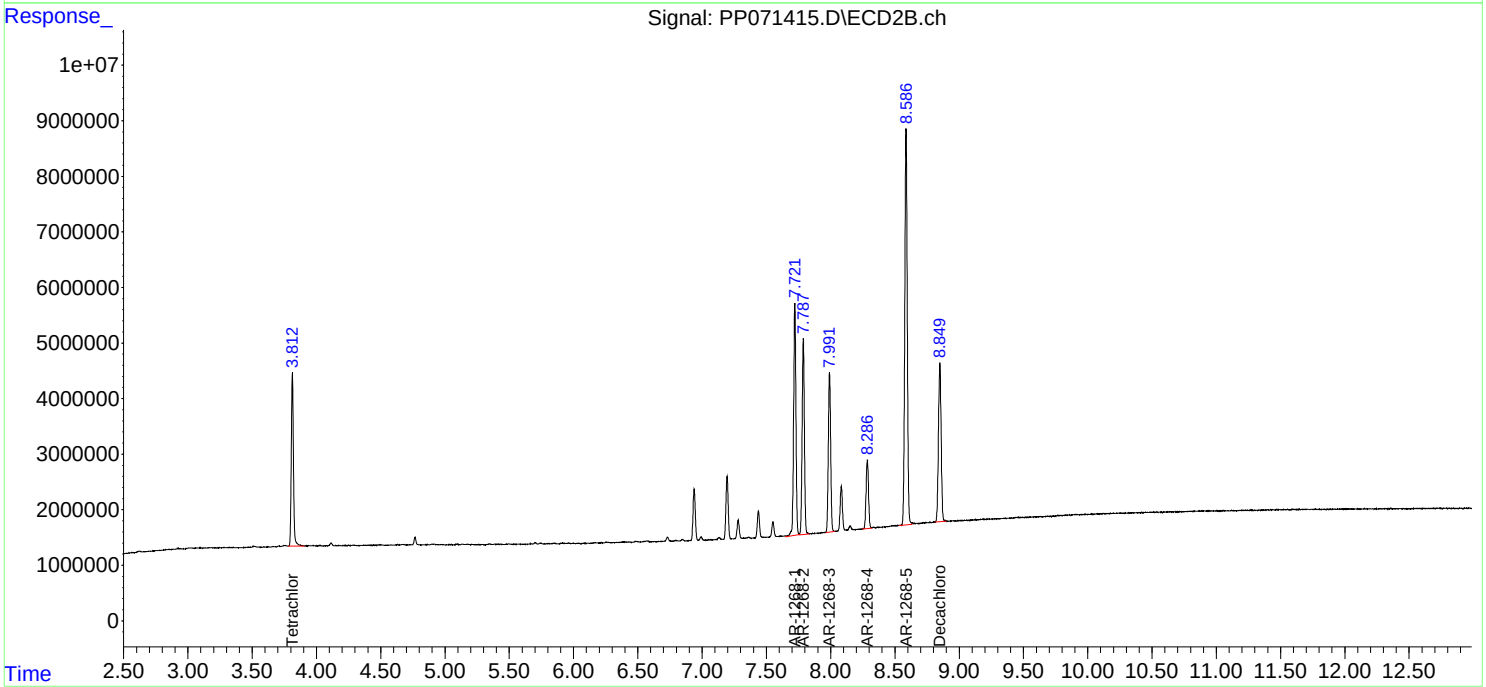
Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

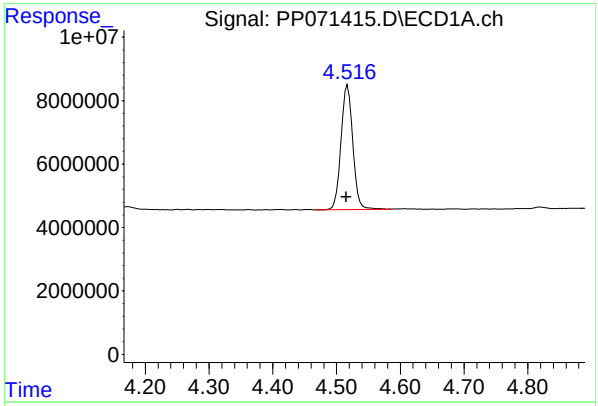
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 04:47:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 04:41:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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







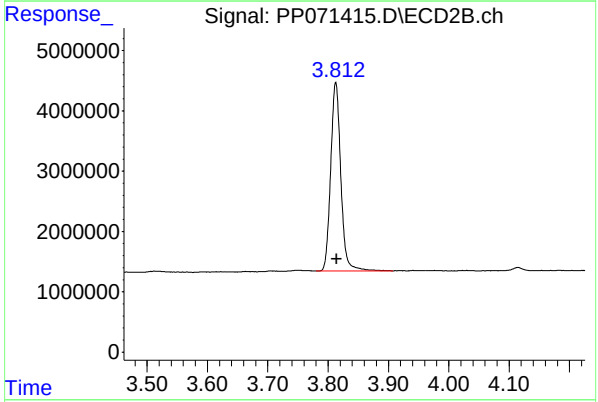
#1 Tetrachloro-m-xylene

R.T.: 4.517 min
Delta R.T.: 0.002 min
Response: 50174786
Conc: 25.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

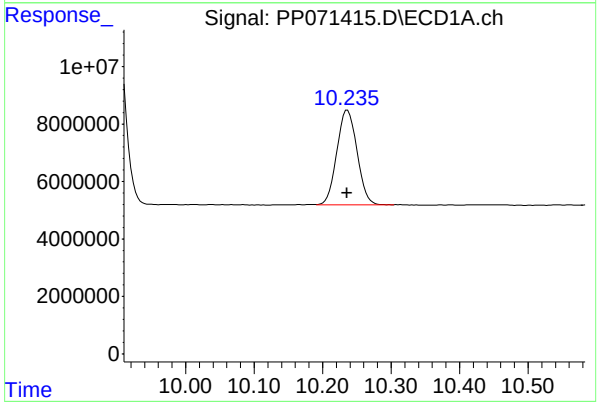
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



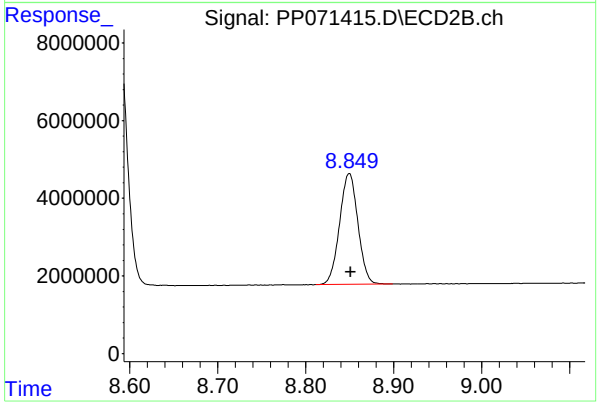
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: -0.001 min
Response: 36443440
Conc: 24.89 ng/ml



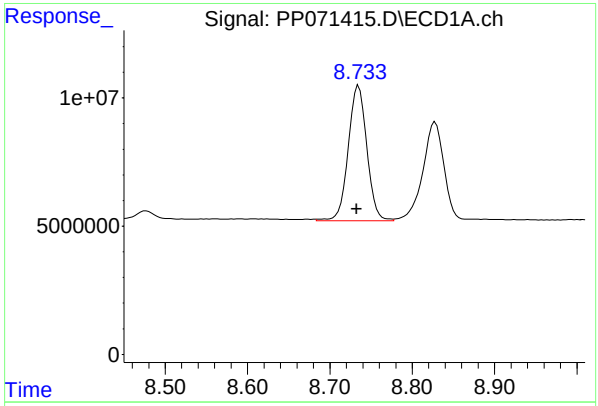
#2 Decachlorobiphenyl

R.T.: 10.236 min
Delta R.T.: 0.000 min
Response: 67366681
Conc: 25.24 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.850 min
Delta R.T.: -0.002 min
Response: 41318494
Conc: 25.78 ng/ml



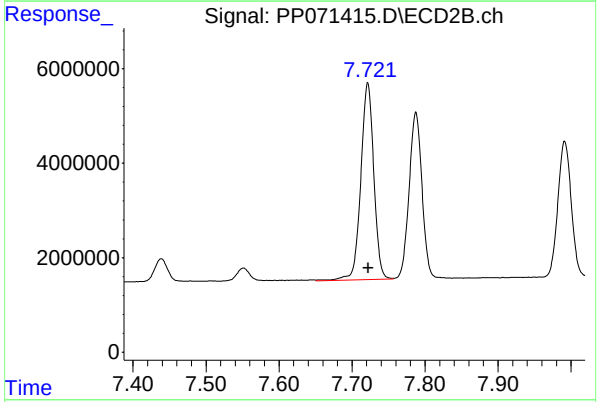
#41 AR-1268-1

R.T.: 8.735 min
Delta R.T.: 0.002 mi
Response: 82956522
Conc: 259.45 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

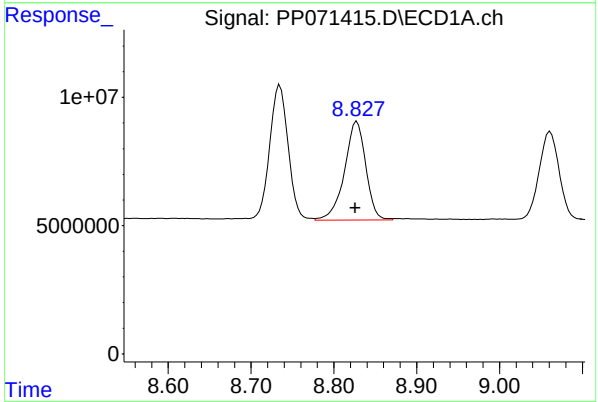
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



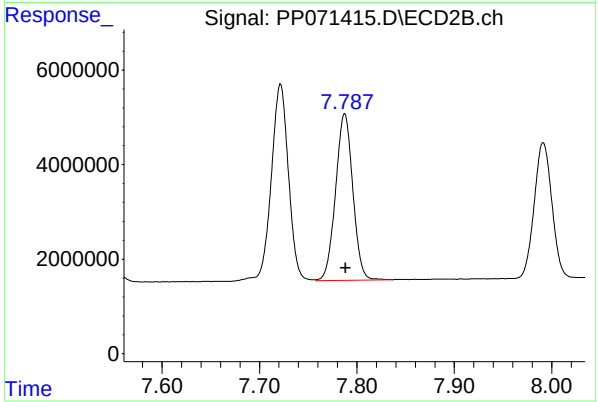
#41 AR-1268-1

R.T.: 7.721 min
Delta R.T.: -0.001 min
Response: 51353583
Conc: 252.99 ng/ml m



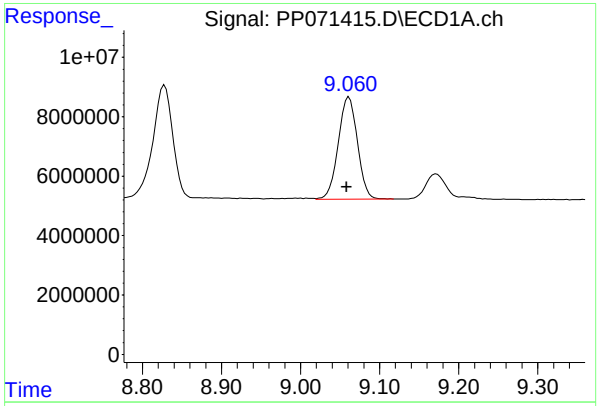
#42 AR-1268-2

R.T.: 8.828 min
Delta R.T.: 0.002 min
Response: 68964227
Conc: 257.37 ng/ml



#42 AR-1268-2

R.T.: 7.788 min
Delta R.T.: 0.000 min
Response: 43318102
Conc: 250.75 ng/ml



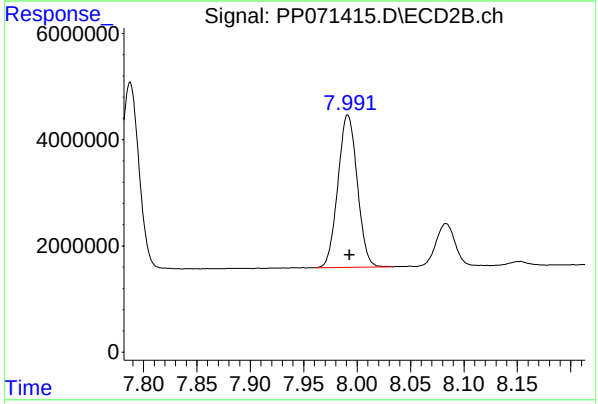
#43 AR-1268-3

R.T.: 9.061 min
Delta R.T.: 0.003 min
Response: 57876424
Conc: 256.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

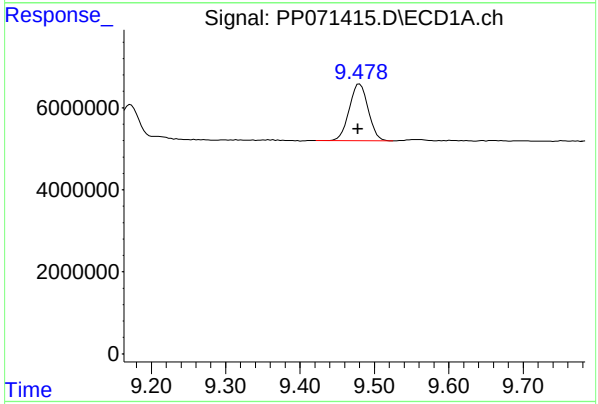
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



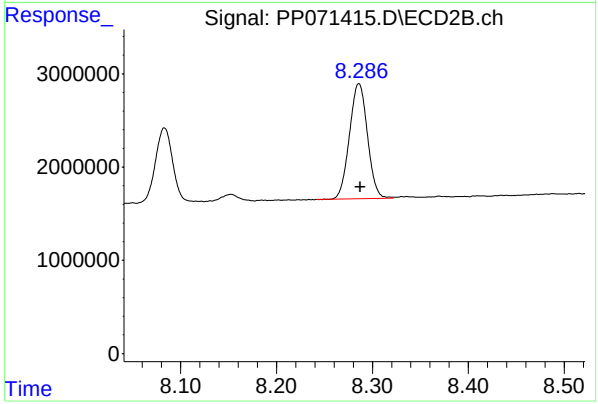
#43 AR-1268-3

R.T.: 7.991 min
Delta R.T.: -0.002 min
Response: 36193296
Conc: 252.95 ng/ml



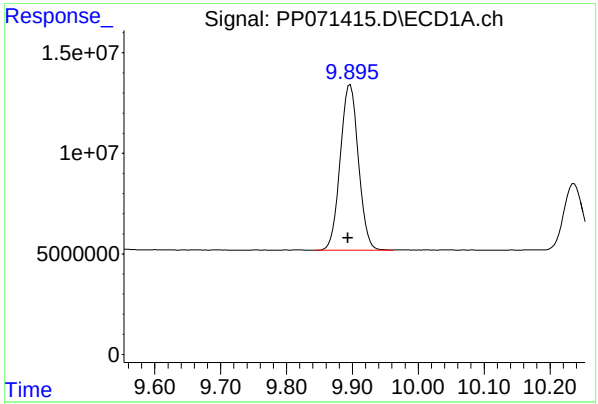
#44 AR-1268-4

R.T.: 9.480 min
Delta R.T.: 0.002 min
Response: 24514996
Conc: 247.61 ng/ml



#44 AR-1268-4

R.T.: 8.286 min
Delta R.T.: -0.001 min
Response: 16044448
Conc: 252.58 ng/ml



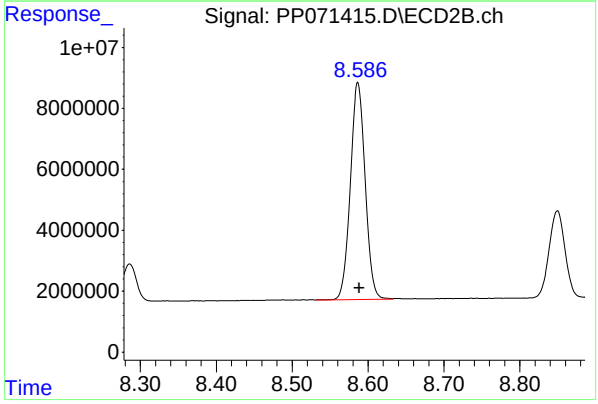
#45 AR-1268-5

R.T.: 9.897 min
Delta R.T.: 0.003 min
Response: 157833758
Conc: 254.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Manual Integrations APPROVED

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Supervised By :mohammad ahmed 04/24/2025



#45 AR-1268-5

R.T.: 8.587 min
Delta R.T.: -0.002 min
Response: 96869753
Conc: 251.50 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071416.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 17:49
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 04:47:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 04:41:50 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.514	3.813	7954830	6504410	4.014	4.442
2)	SA Decachlor...	10.235	8.850	11316360	7324768	4.239	4.570
	Target Compounds						
41)	L9 AR-1268-1	8.731	7.721	14103190	10095232	44.108m	49.733m
42)	L9 AR-1268-2	8.825	7.787	11406198	8528068	42.567m	49.365
43)	L9 AR-1268-3	9.058	7.992	10823544	6773456	48.044	47.339
44)	L9 AR-1268-4	9.476	8.287	4136815	2789666	41.783	43.917
45)	L9 AR-1268-5	9.894	8.588	26835395	17143092	43.209	44.507

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071416.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 17:49
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

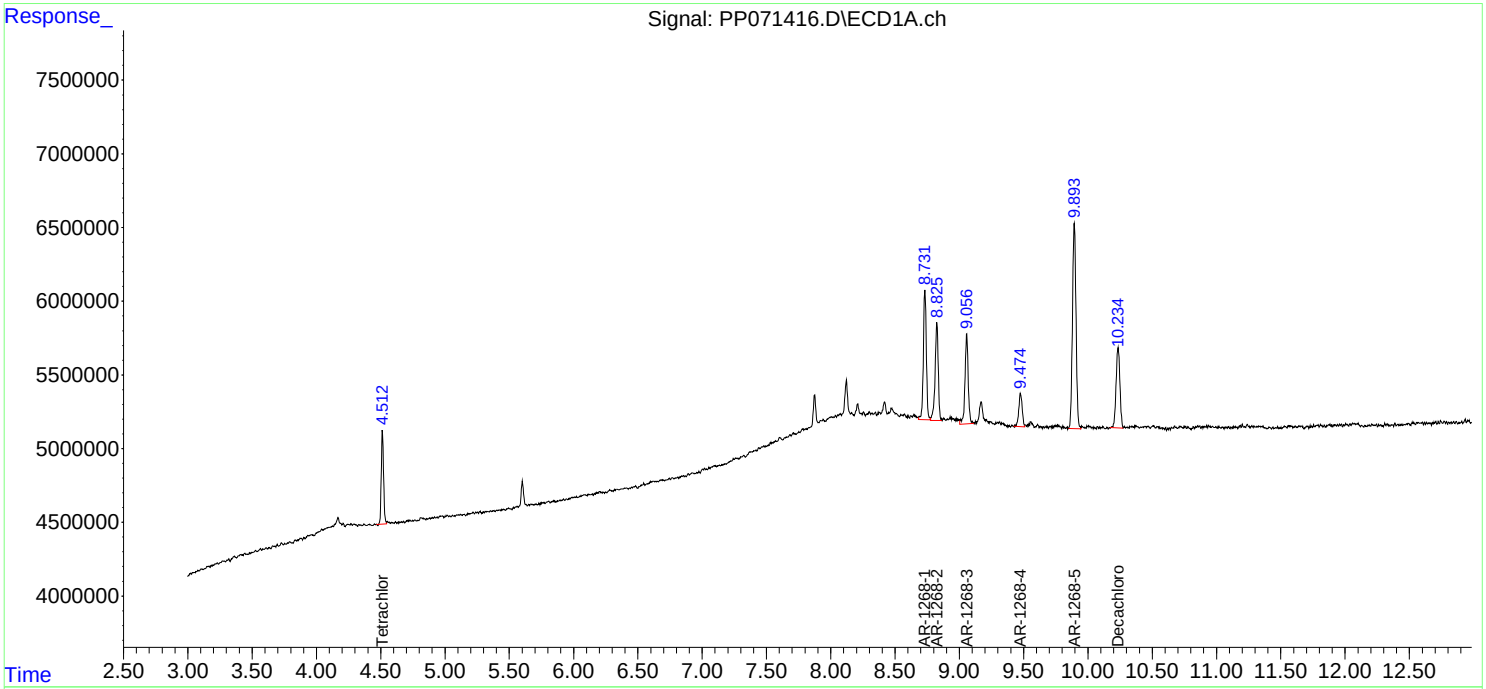
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

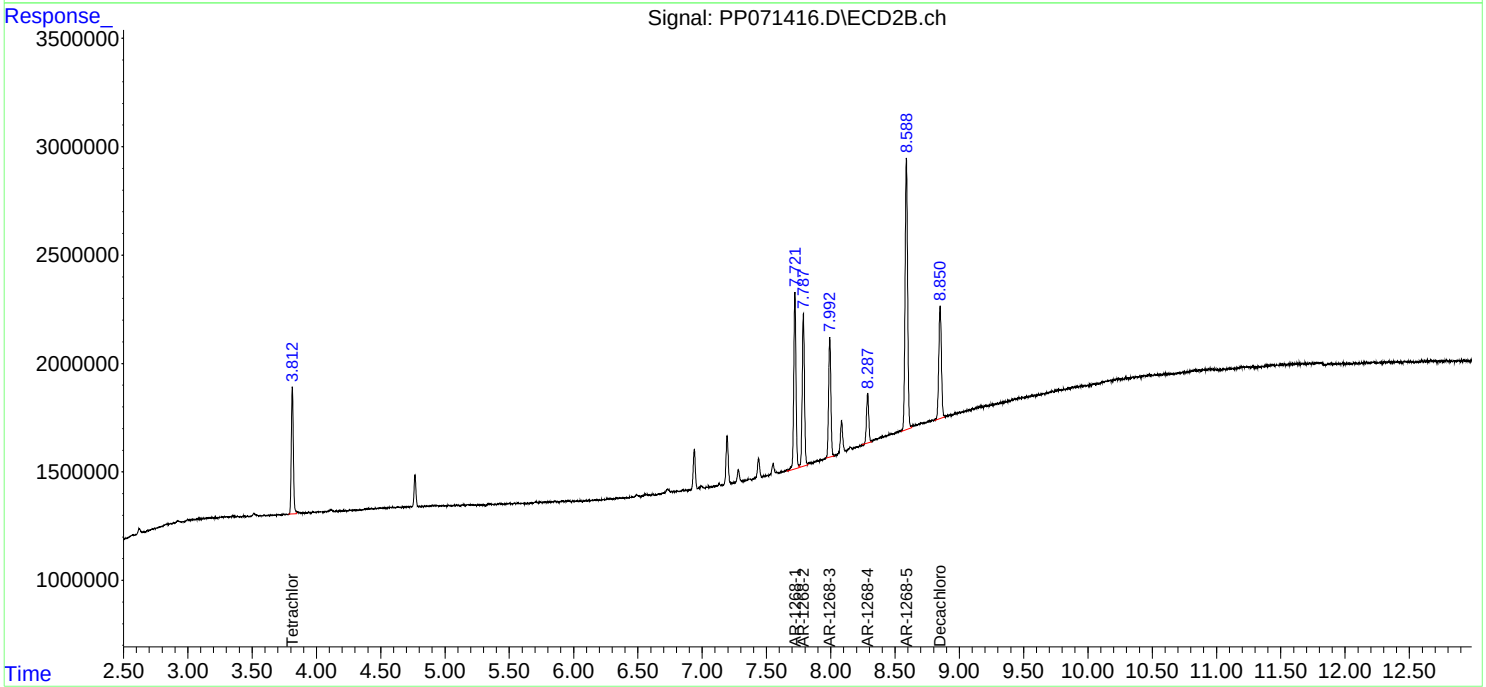
Manual Integrations APPROVED

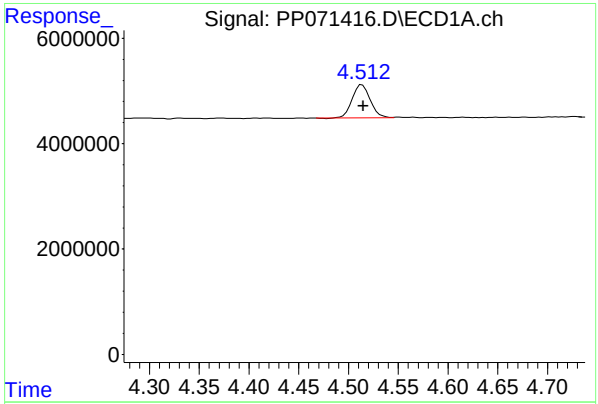
Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 04:47:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 04:41:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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







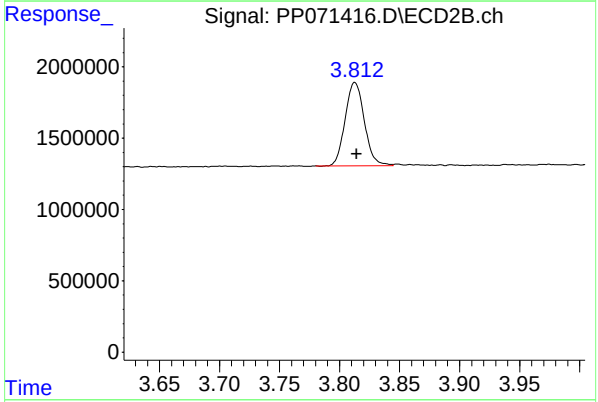
#1 Tetrachloro-m-xylene

R.T.: 4.514 min
Delta R.T.: -0.001 min
Response: 7954830
Conc: 4.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

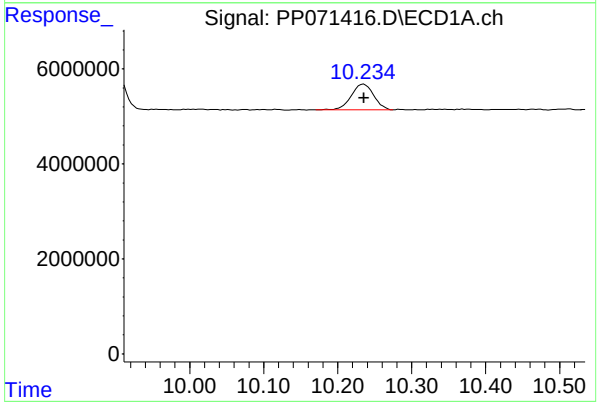
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



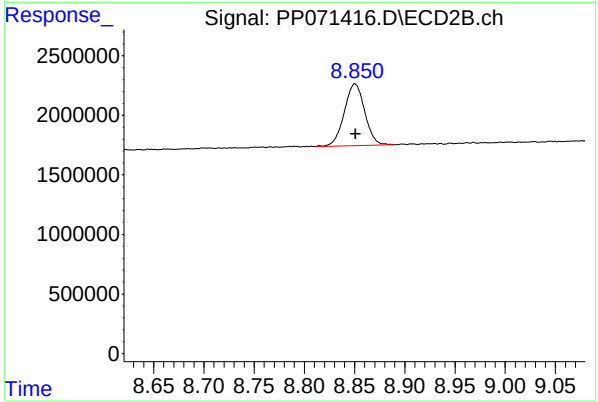
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: -0.001 min
Response: 6504410
Conc: 4.44 ng/ml



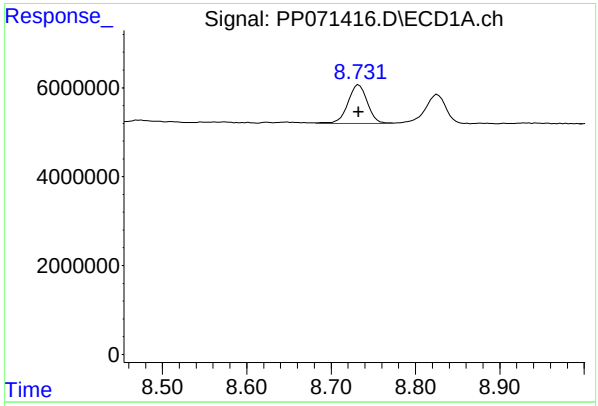
#2 Decachlorobiphenyl

R.T.: 10.235 min
Delta R.T.: 0.000 min
Response: 11316360
Conc: 4.24 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 7324768
Conc: 4.57 ng/ml



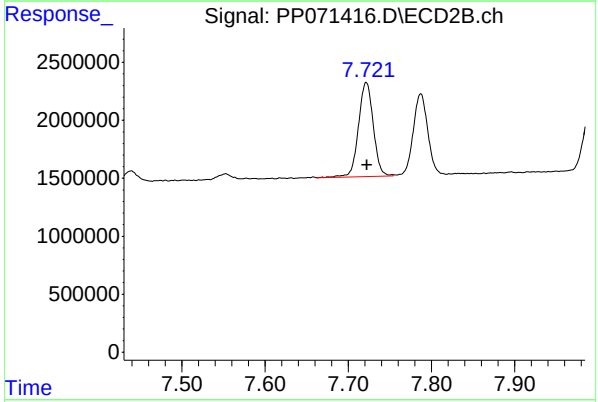
#41 AR-1268-1

R.T.: 8.731 min
Delta R.T.: -0.001 mi
Response: 14103190
Conc: 44.11 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

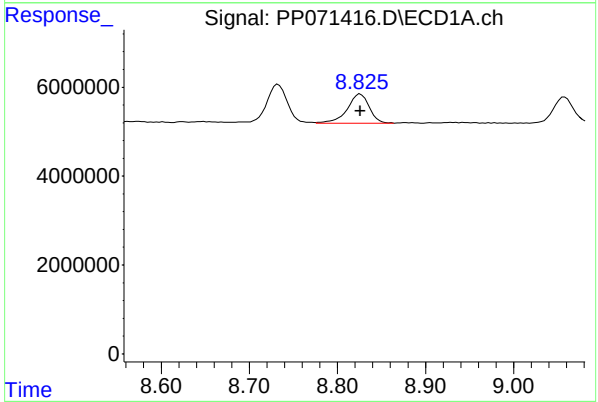
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



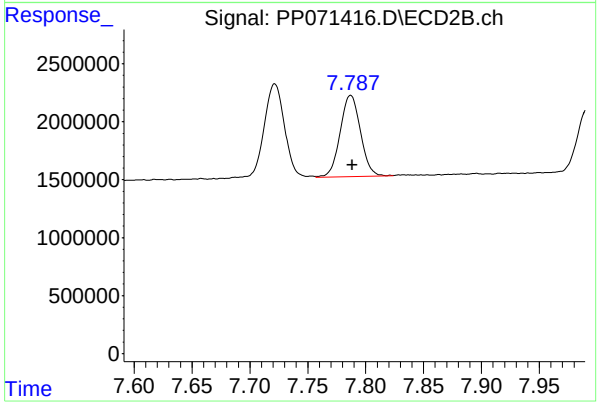
#41 AR-1268-1

R.T.: 7.721 min
Delta R.T.: -0.001 min
Response: 10095232
Conc: 49.73 ng/ml m



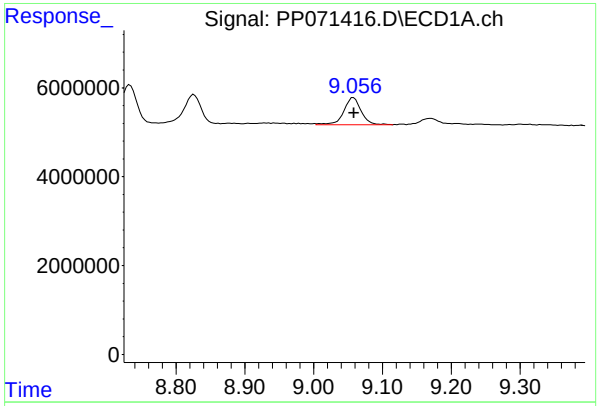
#42 AR-1268-2

R.T.: 8.825 min
Delta R.T.: -0.001 min
Response: 11406198
Conc: 42.57 ng/ml m



#42 AR-1268-2

R.T.: 7.787 min
Delta R.T.: -0.001 min
Response: 8528068
Conc: 49.37 ng/ml



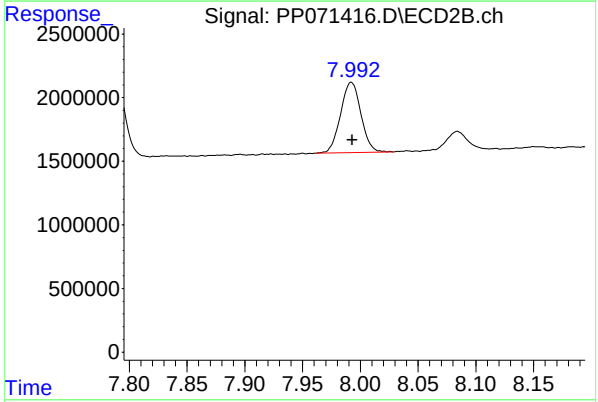
#43 AR-1268-3

R.T.: 9.058 min
Delta R.T.: 0.000 min
Response: 10823544
Conc: 48.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

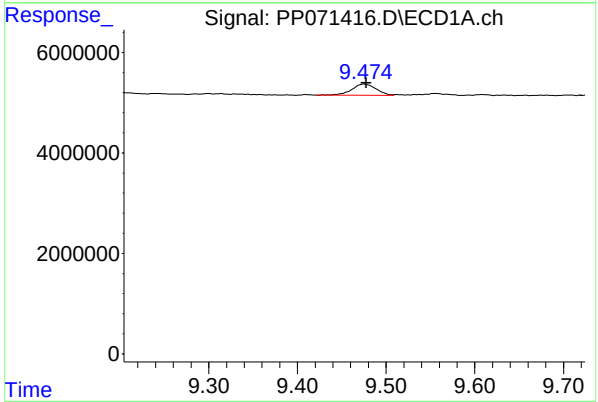
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



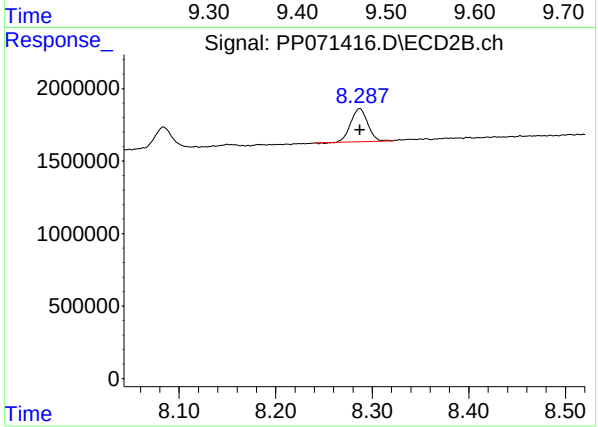
#43 AR-1268-3

R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 6773456
Conc: 47.34 ng/ml



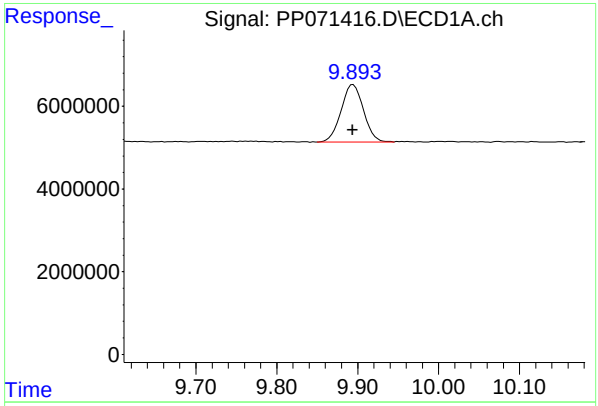
#44 AR-1268-4

R.T.: 9.476 min
Delta R.T.: -0.002 min
Response: 4136815
Conc: 41.78 ng/ml



#44 AR-1268-4

R.T.: 8.287 min
Delta R.T.: 0.000 min
Response: 2789666
Conc: 43.92 ng/ml



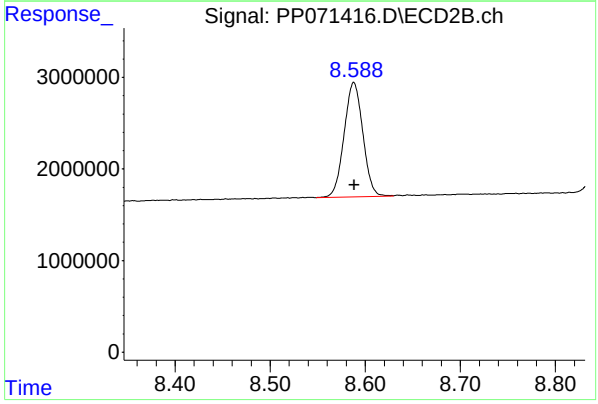
#45 AR-1268-5

R.T.: 9.894 min
Delta R.T.: 0.000 min
Response: 26835395
Conc: 43.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



#45 AR-1268-5

R.T.: 8.588 min
Delta R.T.: 0.000 min
Response: 17143092
Conc: 44.51 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071417.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 18:05
Operator : YP\AJ
Sample : PP042225ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : ECD_P
ClientSampleId : ICVPP042225

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 19:27:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 17:08:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.514	3.812	98003244	70310326	49.431	49.914
2)	SA Decachlor...	10.233	8.849	73424396	44681766	50.707	50.945
	Target Compounds						
3)	L1 AR-1016-1	5.668	4.898	33546404	27255669	500.321	509.132
4)	L1 AR-1016-2	5.690	4.916	50377176	38783246	490.870	507.875
5)	L1 AR-1016-3	5.752	5.093	30221252	21921068	490.230	519.328
6)	L1 AR-1016-4	5.850	5.135	25444869	18087794	496.019	524.498
7)	L1 AR-1016-5	6.142	5.349	24049539	22819712	498.556	513.411
31)	L7 AR-1260-1	7.262	6.384	46974832	35744650	489.196	494.399
32)	L7 AR-1260-2	7.515	6.573	70731391	43416292	494.358	496.405
33)	L7 AR-1260-3	7.875	6.726	58007061	39241127	517.439	500.604
34)	L7 AR-1260-4	8.098	7.198	56235072	31343464	498.252	496.643
35)	L7 AR-1260-5	8.418	7.439	114.7E6	75416996	506.086	500.188

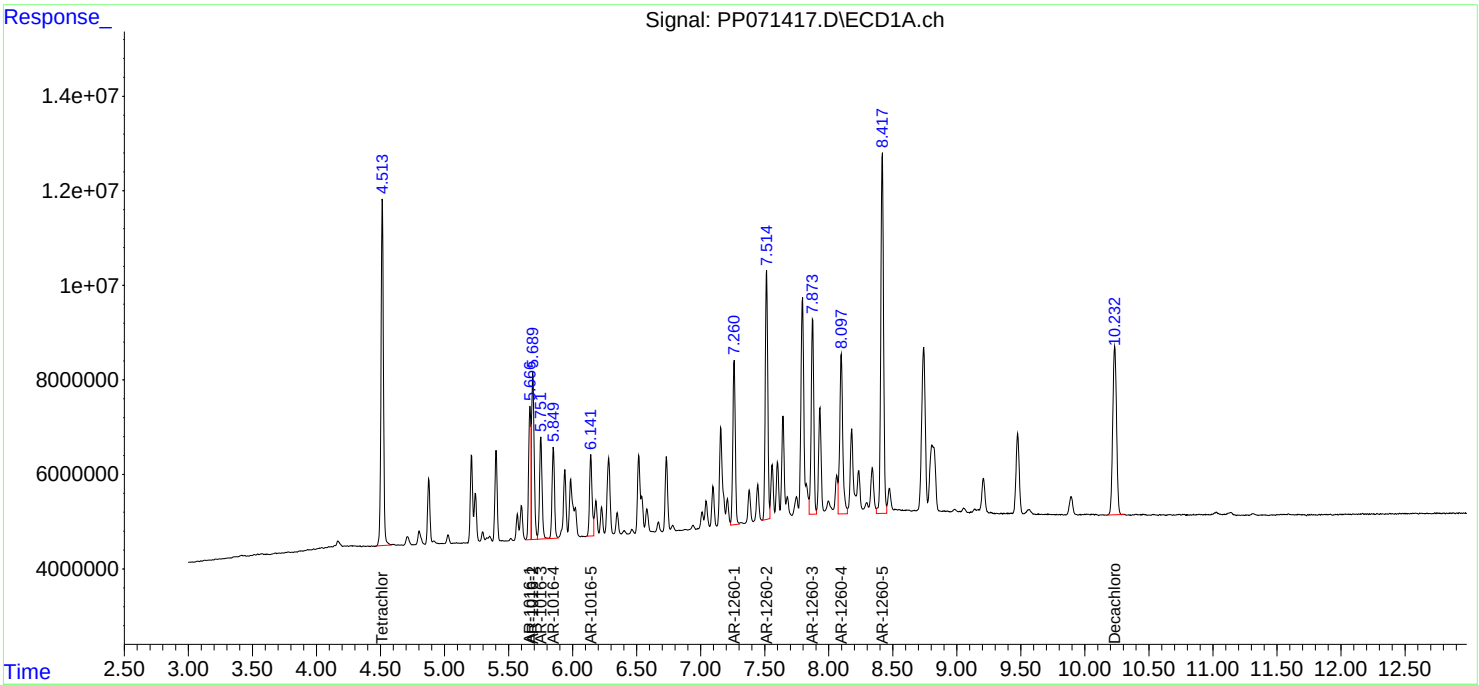
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

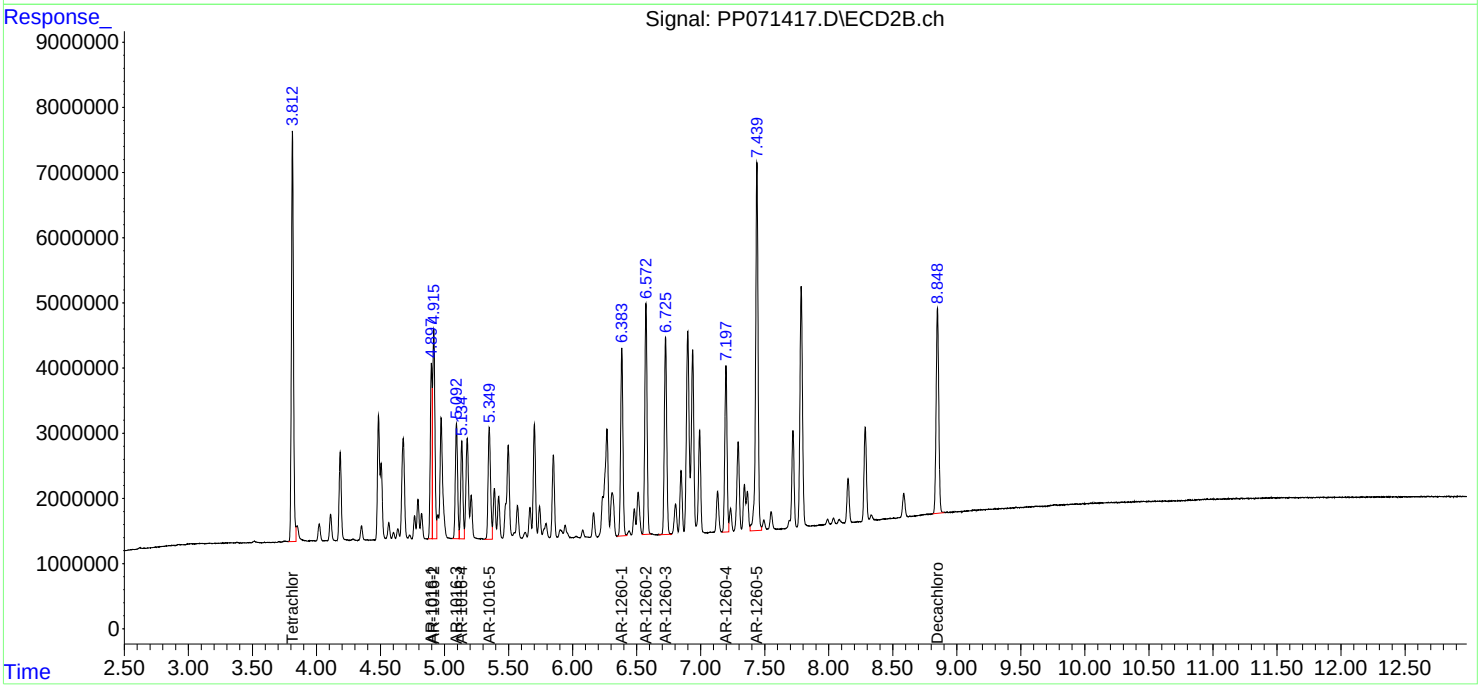
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071417.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 18:05
Operator : YP\AJ
Sample : PP042225ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

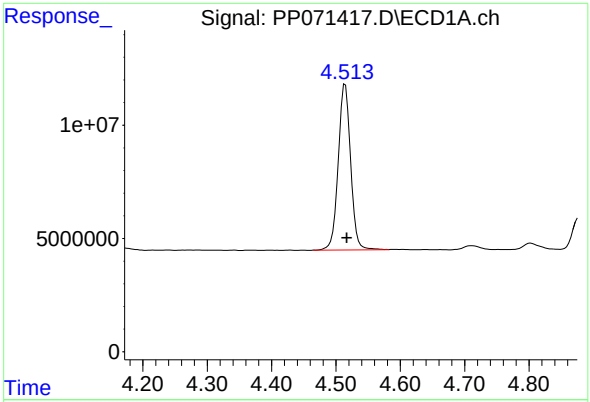
Instrument :
ECD_P
ClientSampleId :
ICVPP042225

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 19:27:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 17:08:14 2025
Response via : Initial Calibration
Integrator: ChemStation

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



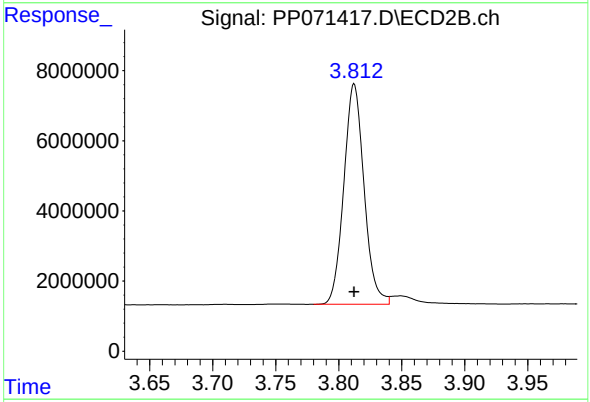




#1 Tetrachloro-m-xylene

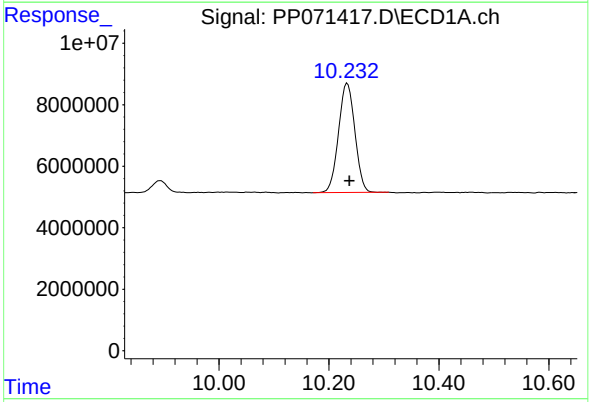
R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 98003244
Conc: 49.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225



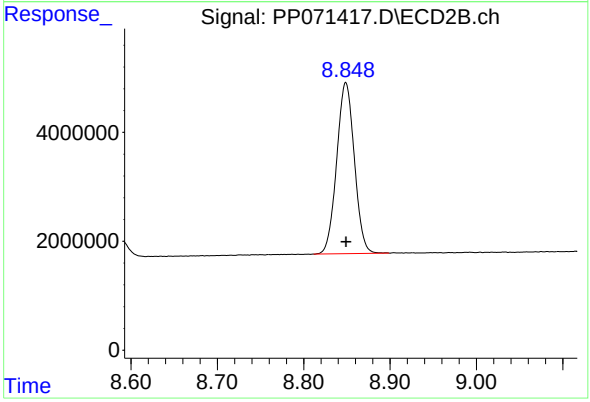
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 70310326
Conc: 49.91 ng/ml



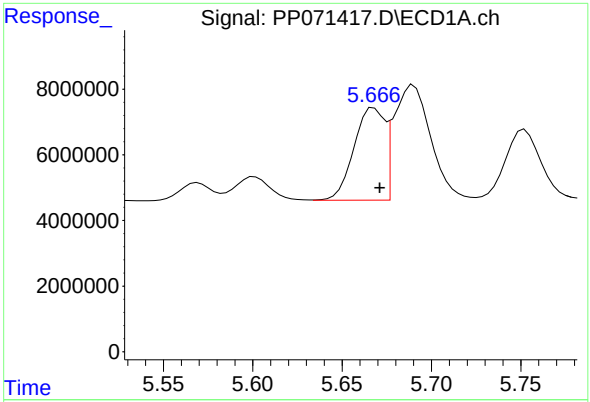
#2 Decachlorobiphenyl

R.T.: 10.233 min
Delta R.T.: -0.004 min
Response: 73424396
Conc: 50.71 ng/ml



#2 Decachlorobiphenyl

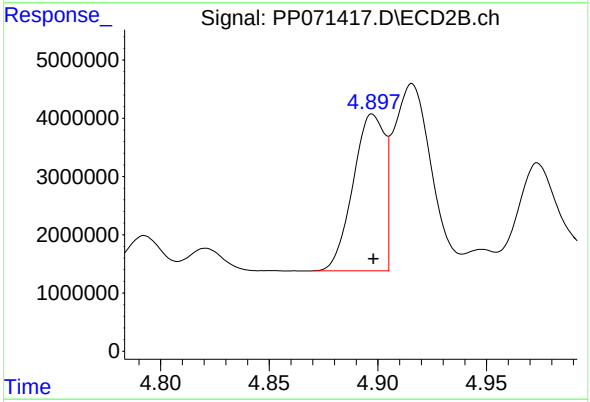
R.T.: 8.849 min
Delta R.T.: 0.000 min
Response: 44681766
Conc: 50.95 ng/ml



#3 AR-1016-1

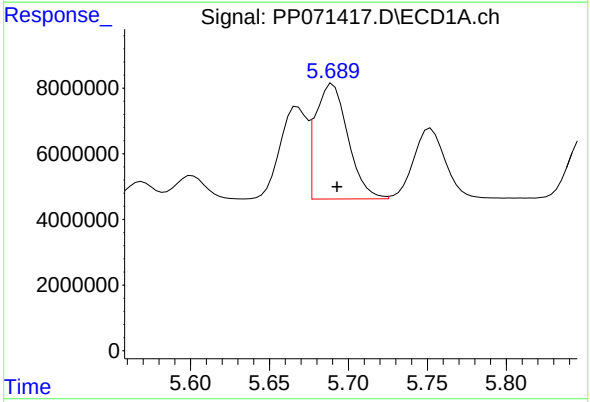
R.T.: 5.668 min
Delta R.T.: -0.003 min
Response: 33546404
Conc: 500.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225



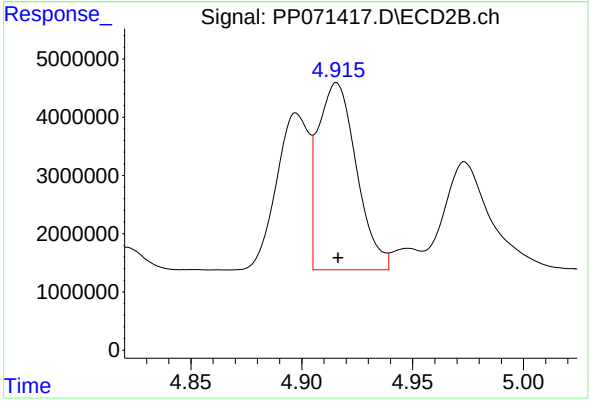
#3 AR-1016-1

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 27255669
Conc: 509.13 ng/ml



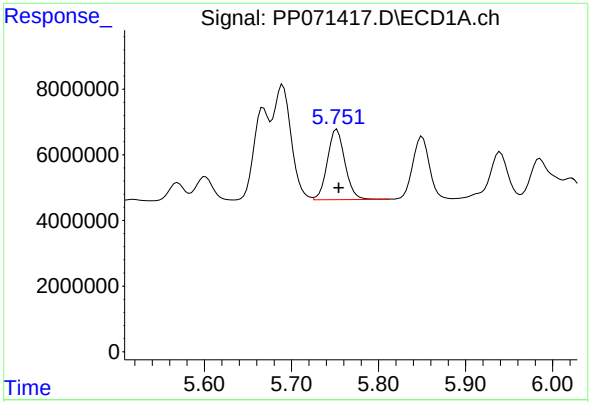
#4 AR-1016-2

R.T.: 5.690 min
Delta R.T.: -0.003 min
Response: 50377176
Conc: 490.87 ng/ml



#4 AR-1016-2

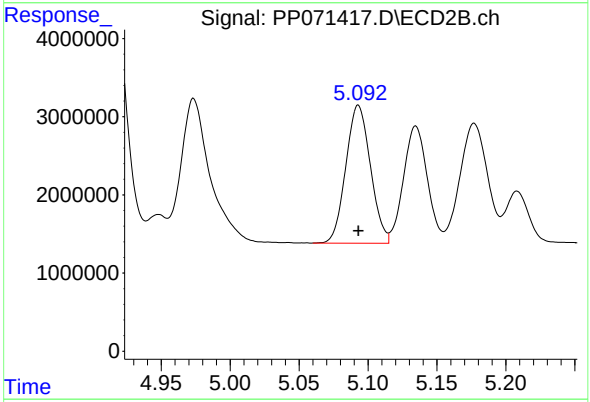
R.T.: 4.916 min
Delta R.T.: 0.000 min
Response: 38783246
Conc: 507.88 ng/ml



#5 AR-1016-3

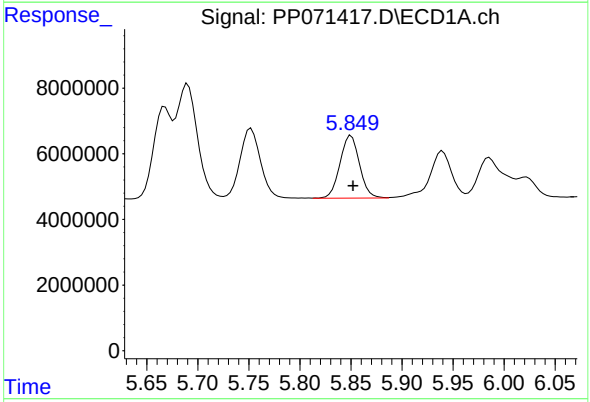
R.T.: 5.752 min
Delta R.T.: -0.002 min
Response: 30221252
Conc: 490.23 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225



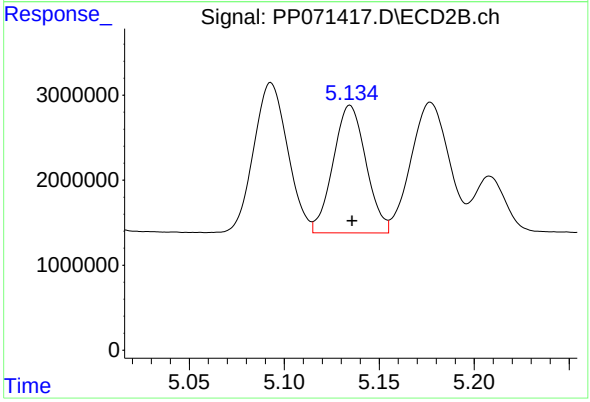
#5 AR-1016-3

R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 21921068
Conc: 519.33 ng/ml



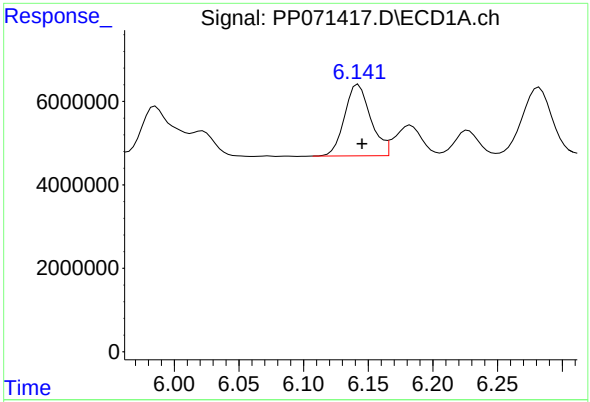
#6 AR-1016-4

R.T.: 5.850 min
Delta R.T.: -0.002 min
Response: 25444869
Conc: 496.02 ng/ml



#6 AR-1016-4

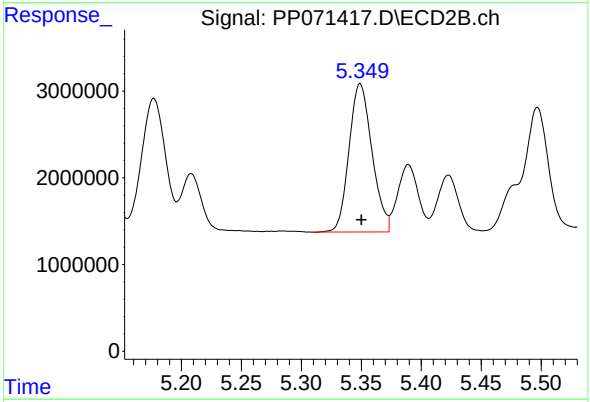
R.T.: 5.135 min
Delta R.T.: -0.001 min
Response: 18087794
Conc: 524.50 ng/ml



#7 AR-1016-5

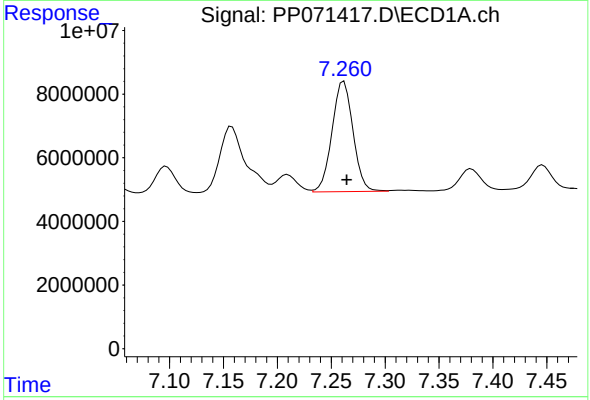
R.T.: 6.142 min
Delta R.T.: -0.003 min
Response: 24049539
Conc: 498.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225



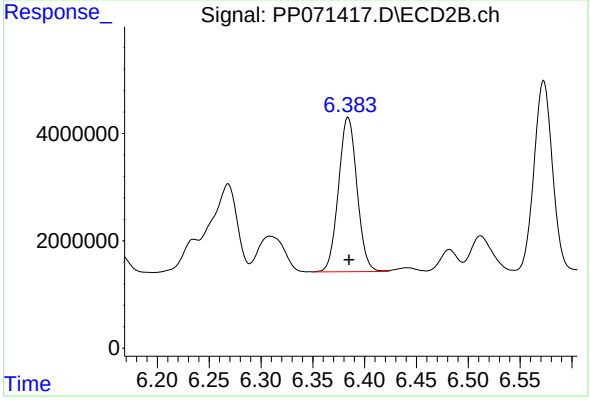
#7 AR-1016-5

R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 22819712
Conc: 513.41 ng/ml



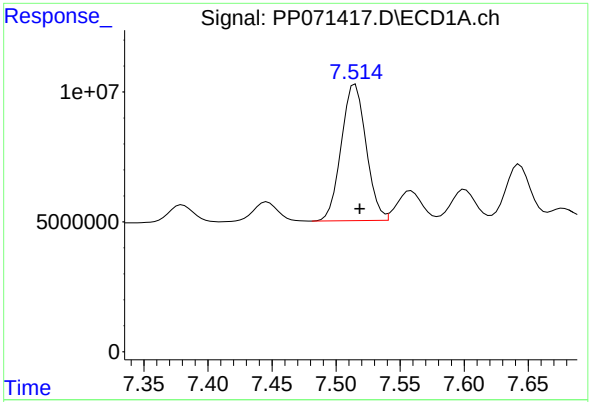
#31 AR-1260-1

R.T.: 7.262 min
Delta R.T.: -0.003 min
Response: 46974832
Conc: 489.20 ng/ml



#31 AR-1260-1

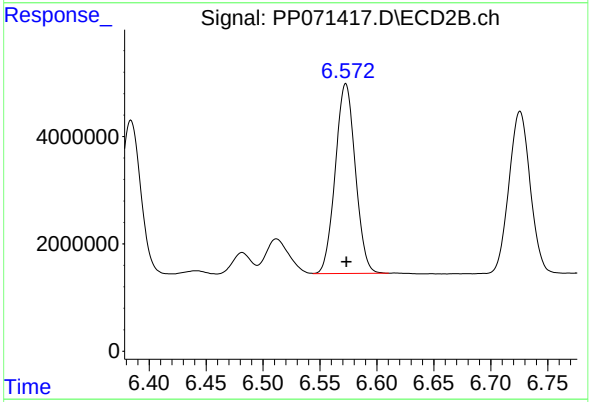
R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 35744650
Conc: 494.40 ng/ml



#32 AR-1260-2

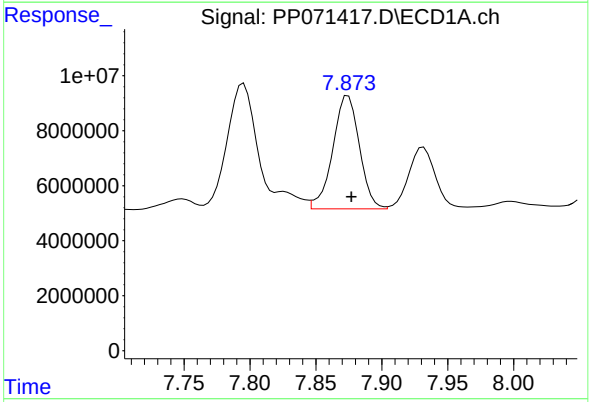
R.T.: 7.515 min
Delta R.T.: -0.003 min
Response: 70731391
Conc: 494.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225



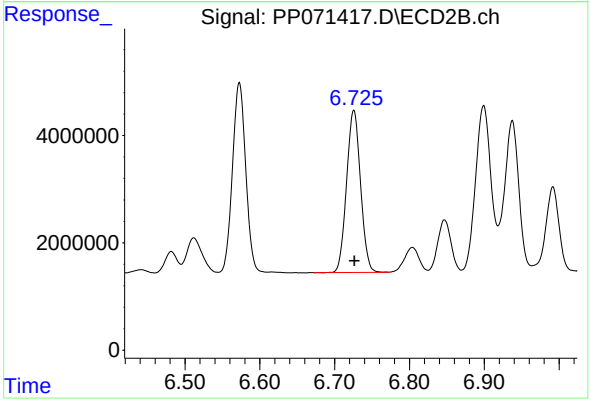
#32 AR-1260-2

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 43416292
Conc: 496.41 ng/ml



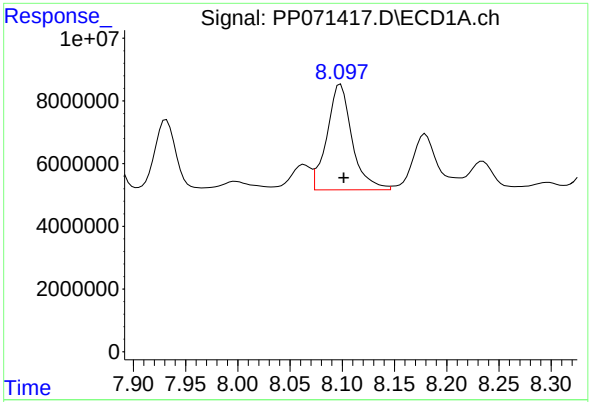
#33 AR-1260-3

R.T.: 7.875 min
Delta R.T.: -0.003 min
Response: 58007061
Conc: 517.44 ng/ml



#33 AR-1260-3

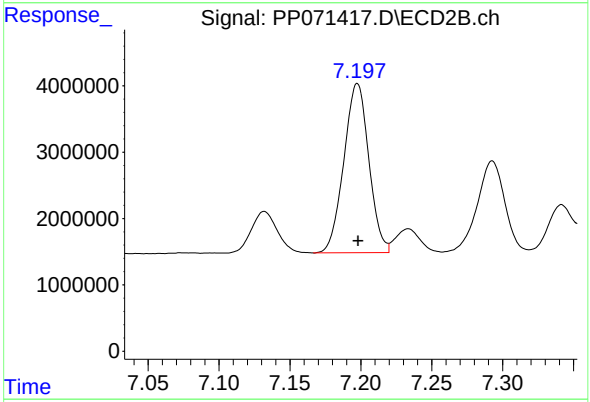
R.T.: 6.726 min
Delta R.T.: -0.001 min
Response: 39241127
Conc: 500.60 ng/ml



#34 AR-1260-4

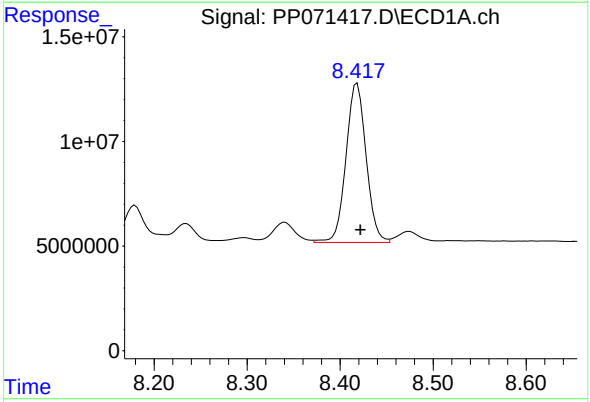
R.T.: 8.098 min
Delta R.T.: -0.003 min
Response: 56235072
Conc: 498.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225



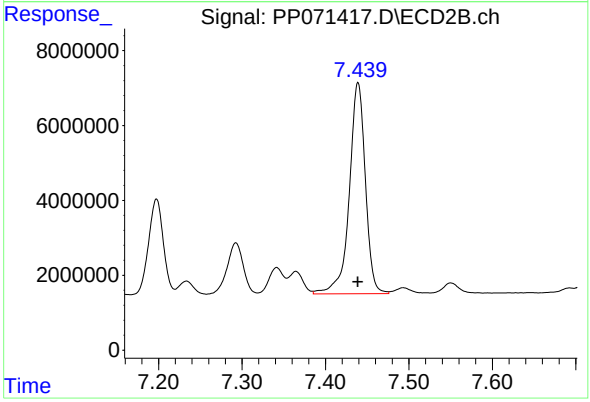
#34 AR-1260-4

R.T.: 7.198 min
Delta R.T.: 0.000 min
Response: 31343464
Conc: 496.64 ng/ml



#35 AR-1260-5

R.T.: 8.418 min
Delta R.T.: -0.003 min
Response: 114665502
Conc: 506.09 ng/ml



#35 AR-1260-5

R.T.: 7.439 min
Delta R.T.: 0.000 min
Response: 75416996
Conc: 500.19 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071418.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 18:38
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 02:23:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 02:23:12 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.515	3.813	98322267	73653264	48.740	48.976
2)	SA Decachlor...	10.234	8.849	73973652	44775920	49.685	49.917
	Target Compounds						
16)	L4 AR-1242-1	5.669	4.898	28608484	23663233	489.076	493.809
17)	L4 AR-1242-2	5.690	4.917	43367430	33449196	480.598	489.769
18)	L4 AR-1242-3	5.753	5.094	25764272	18726327	483.300	486.783
19)	L4 AR-1242-4	5.850	5.178	21798483	18331184	484.040	488.202
20)	L4 AR-1242-5	6.581	5.702	23472650	21942094	485.668	487.912

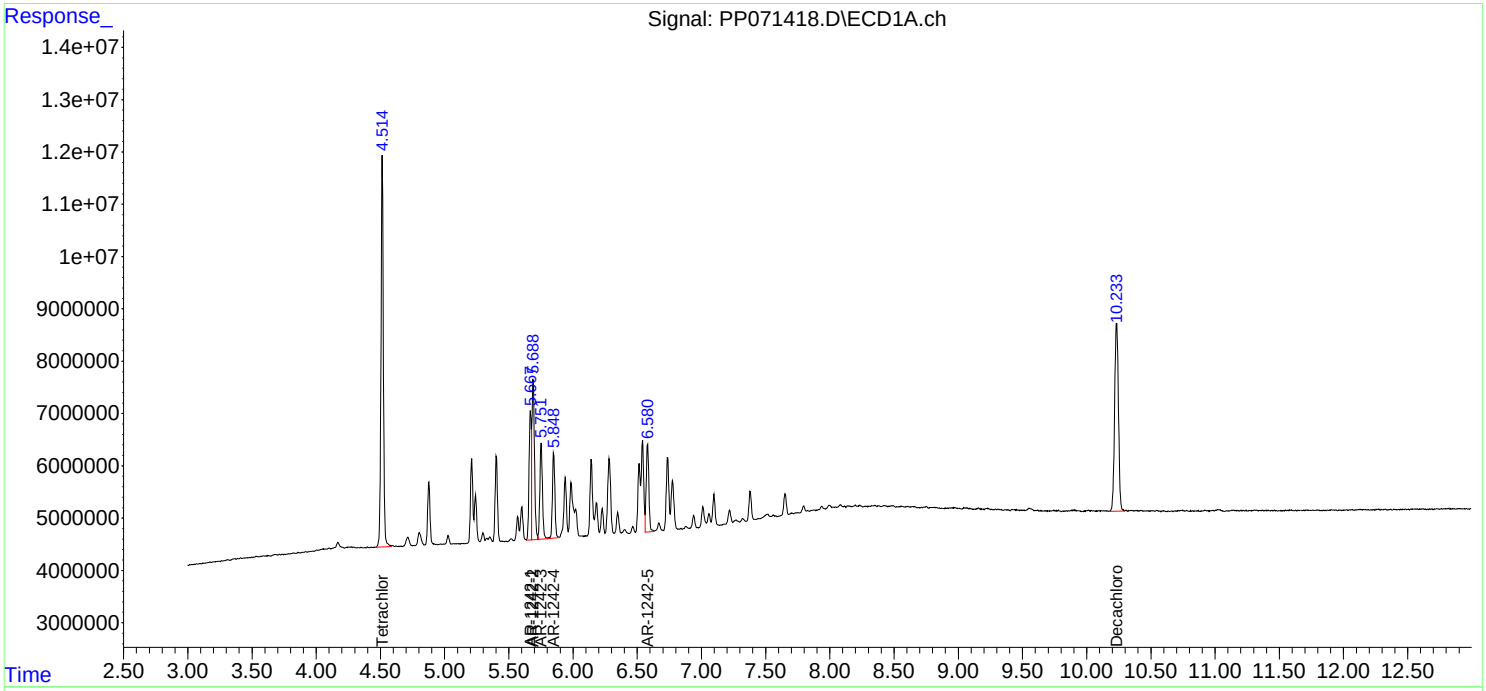
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

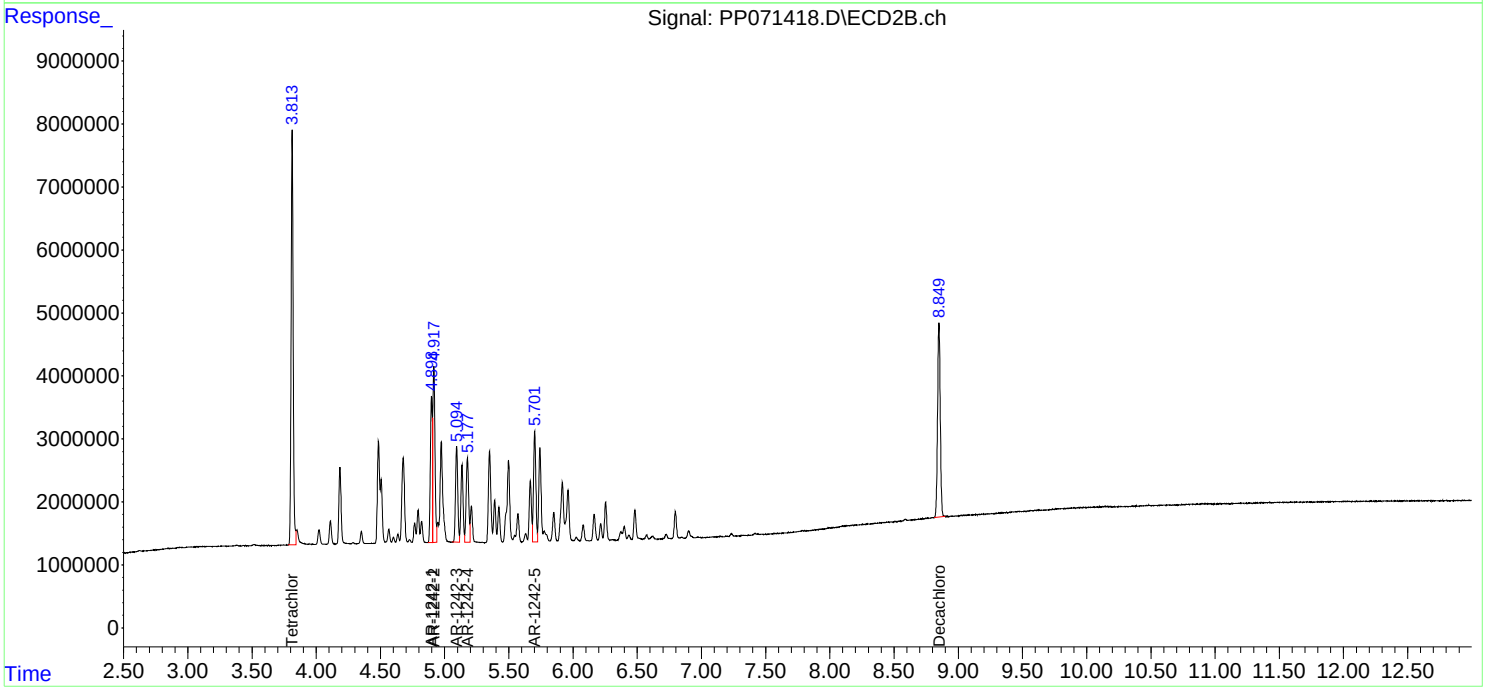
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071418.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 18:38
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

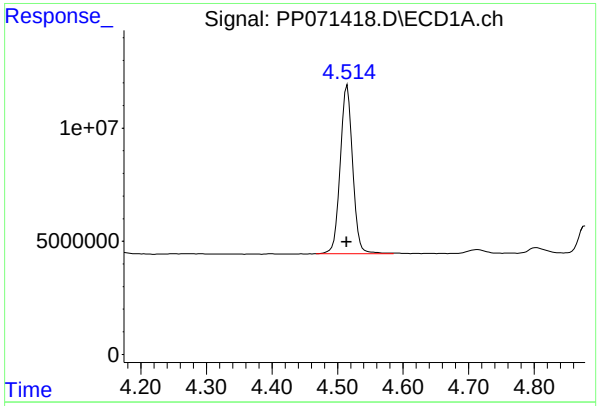
Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 02:23:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 02:23:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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



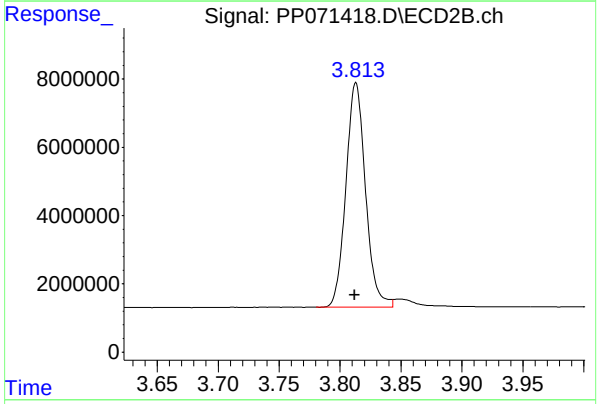




#1 Tetrachloro-m-xylene

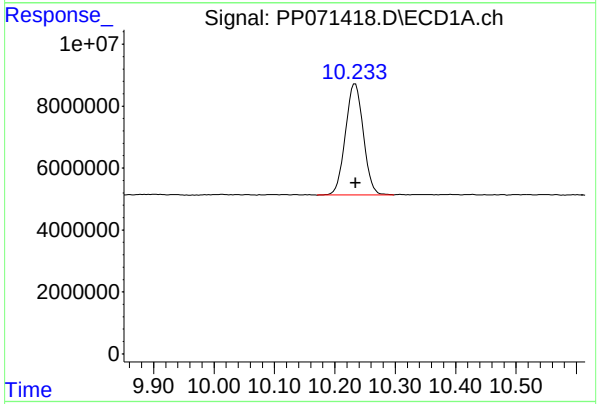
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 98322267
Conc: 48.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1242



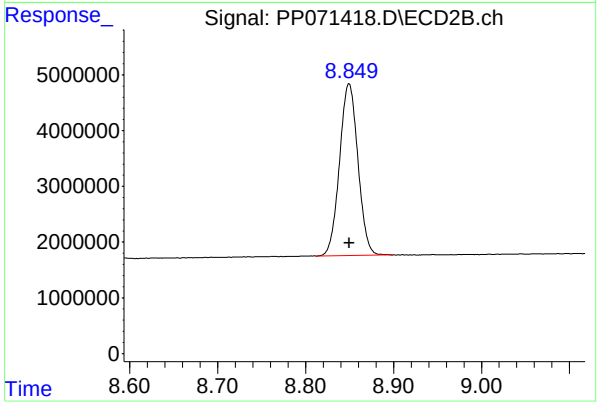
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 73653264
Conc: 48.98 ng/ml



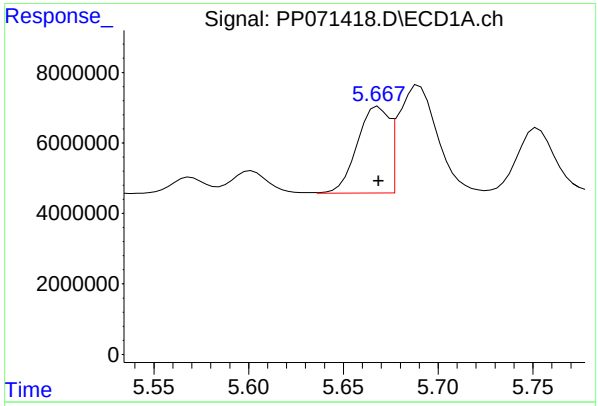
#2 Decachlorobiphenyl

R.T.: 10.234 min
Delta R.T.: -0.001 min
Response: 73973652
Conc: 49.69 ng/ml



#2 Decachlorobiphenyl

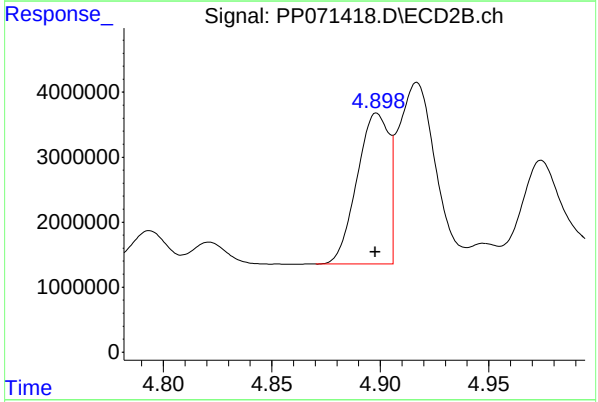
R.T.: 8.849 min
Delta R.T.: 0.000 min
Response: 44775920
Conc: 49.92 ng/ml



#16 AR-1242-1

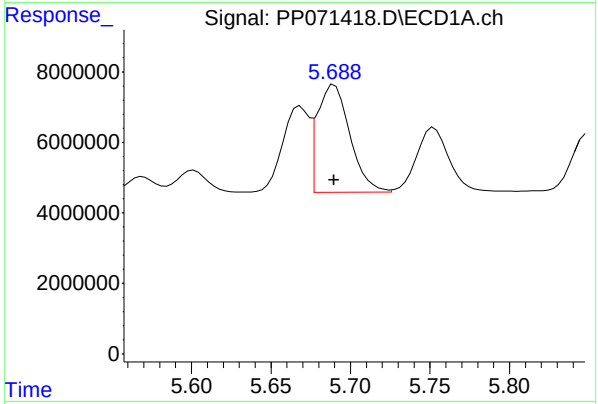
R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 28608484
Conc: 489.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1242



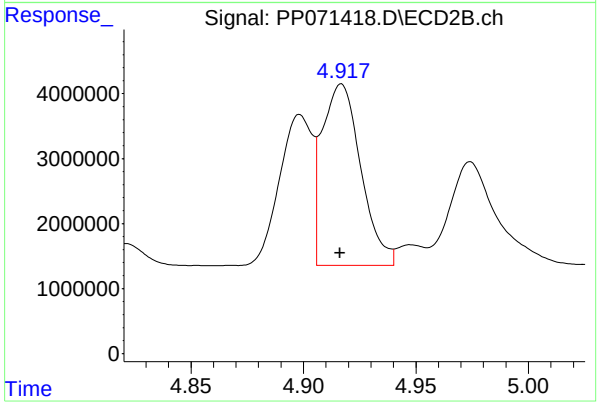
#16 AR-1242-1

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 23663233
Conc: 493.81 ng/ml



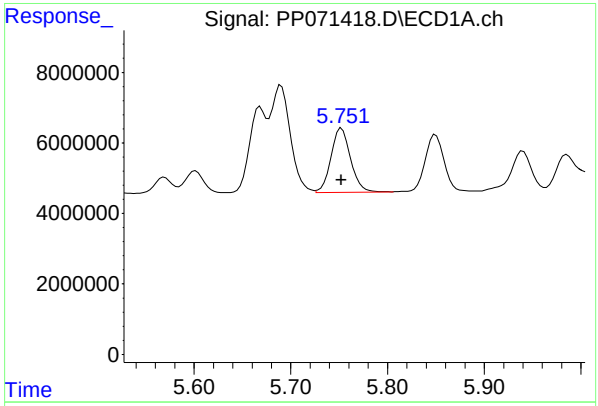
#17 AR-1242-2

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 43367430
Conc: 480.60 ng/ml



#17 AR-1242-2

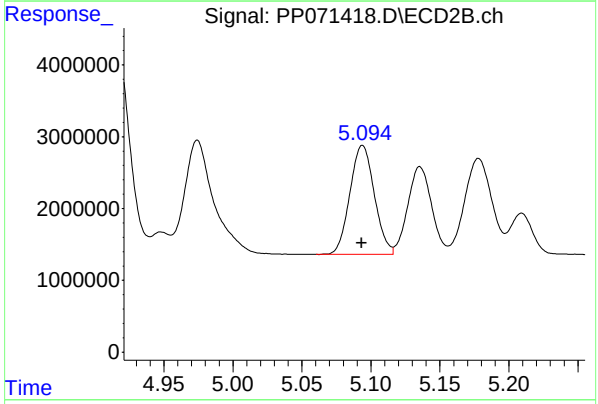
R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 33449196
Conc: 489.77 ng/ml



#18 AR-1242-3

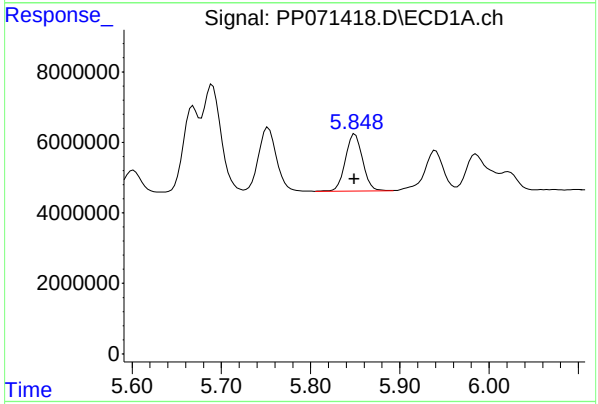
R.T.: 5.753 min
Delta R.T.: 0.000 min
Response: 25764272
Conc: 483.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1242



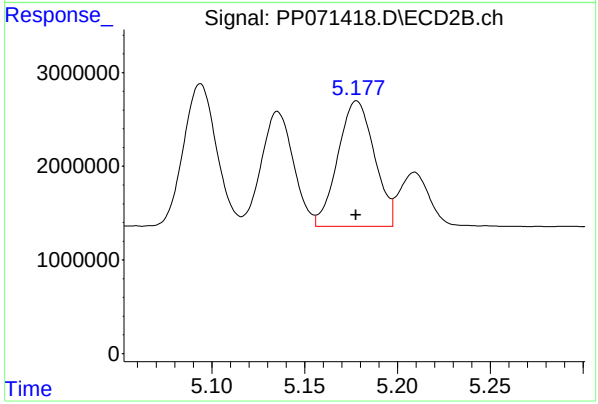
#18 AR-1242-3

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 18726327
Conc: 486.78 ng/ml



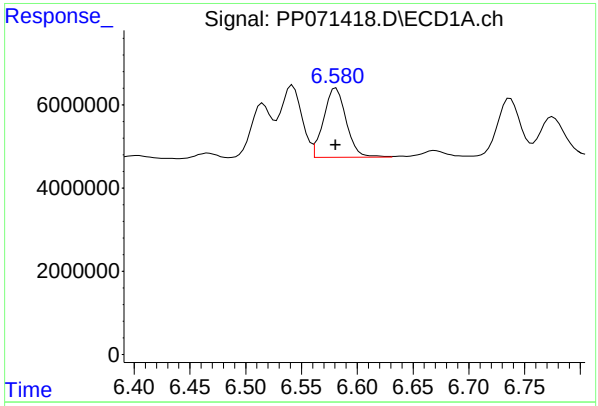
#19 AR-1242-4

R.T.: 5.850 min
Delta R.T.: 0.000 min
Response: 21798483
Conc: 484.04 ng/ml



#19 AR-1242-4

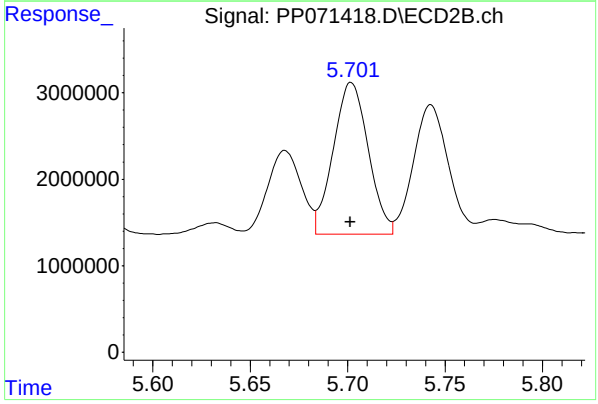
R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 18331184
Conc: 488.20 ng/ml



#20 AR-1242-5

R.T.: 6.581 min
Delta R.T.: 0.000 min
Response: 23472650
Conc: 485.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1242



#20 AR-1242-5

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 21942094
Conc: 487.91 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071419.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 19:27
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 07:42:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.514	3.812	98804591	74071948	49.835	52.584
2)	SA Decachlor...	10.234	8.848	74699675	45534064	51.588	51.917
	Target Compounds						
21)	L5 AR-1248-1	5.667	4.897	22002964	19168563	512.425	530.888
22)	L5 AR-1248-2	5.938	5.135	30310191	26184570	501.555	534.789
23)	L5 AR-1248-3	6.141	5.177	34304891	27346403	513.666	535.307
24)	L5 AR-1248-4	6.541	5.349	43159659	31642146	510.096	521.654
25)	L5 AR-1248-5	6.580	5.742	40310718	30029077	507.383	515.159

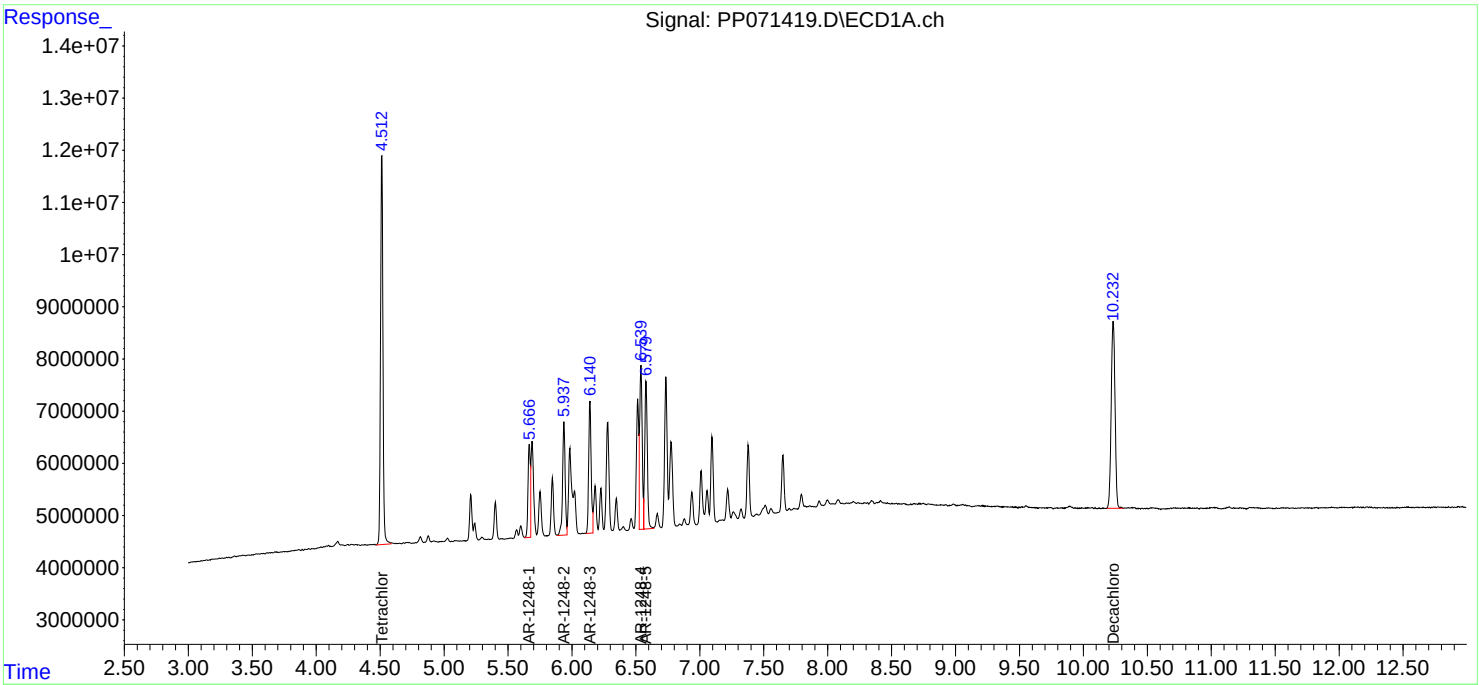
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

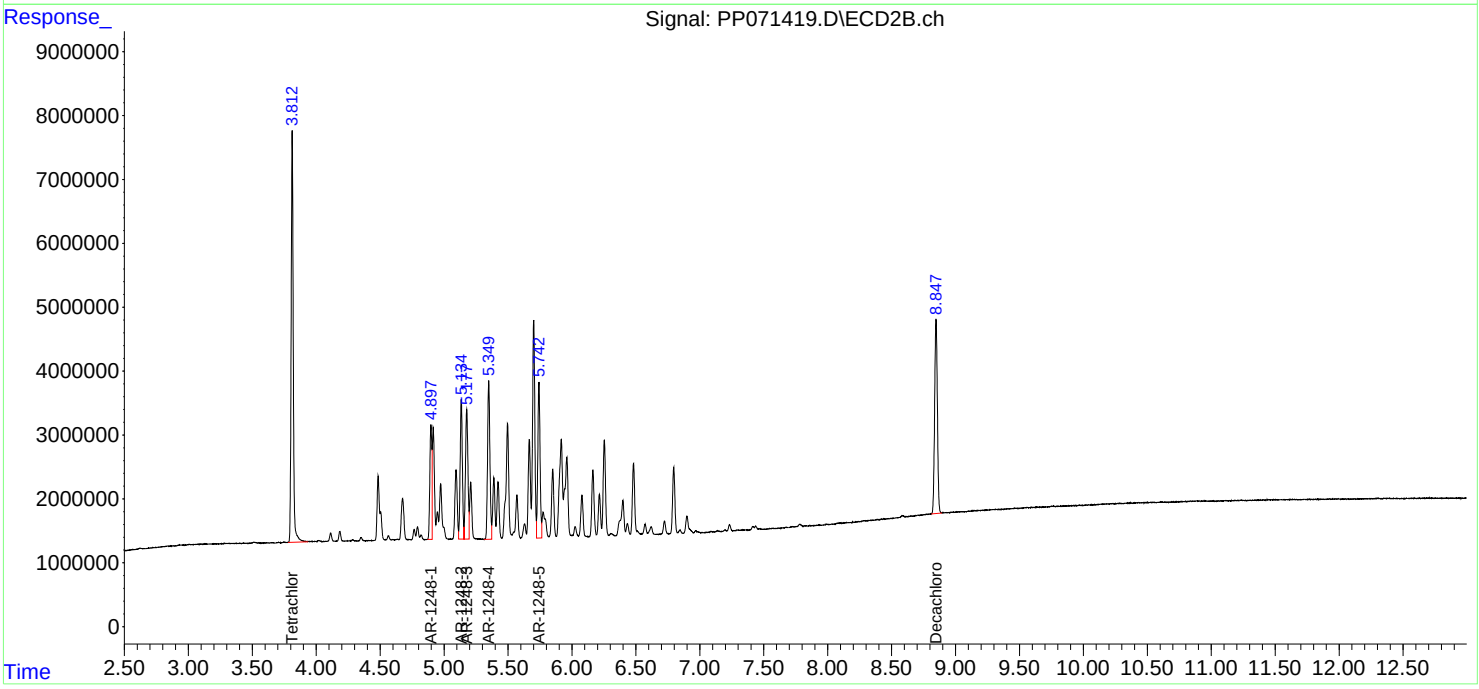
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071419.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 19:27
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 5 Sample Multiplier: 1

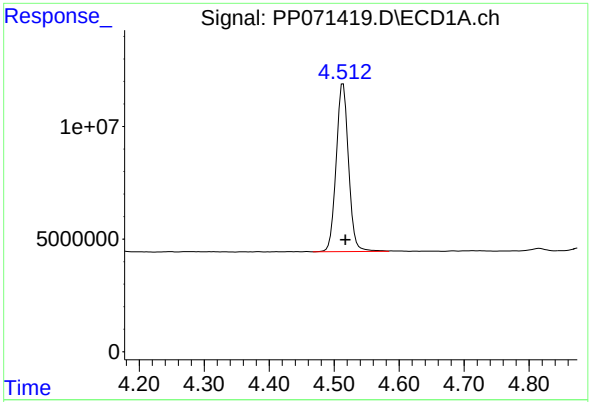
Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 07:42:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



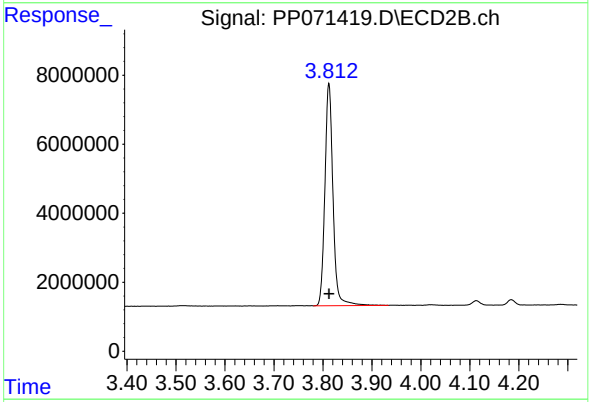




#1 Tetrachloro-m-xylene

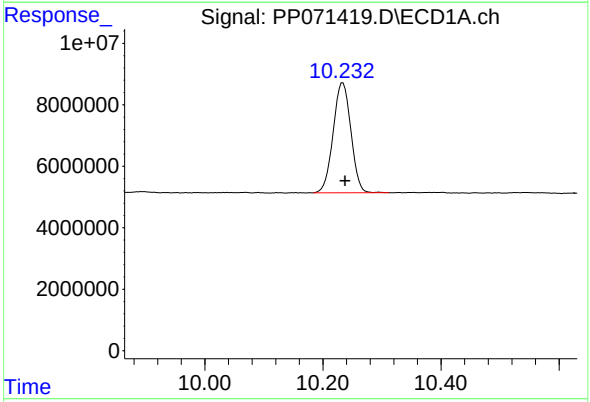
R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 98804591
Conc: 49.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1248



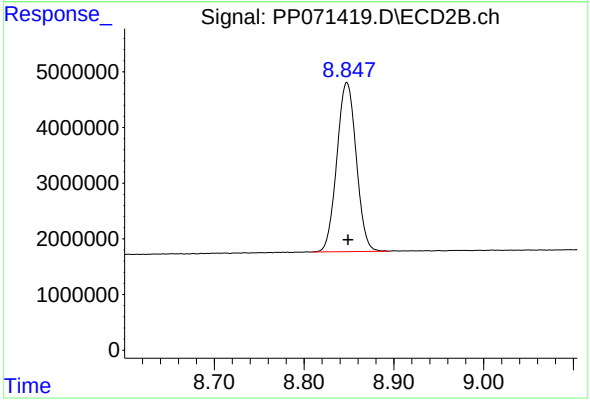
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 74071948
Conc: 52.58 ng/ml



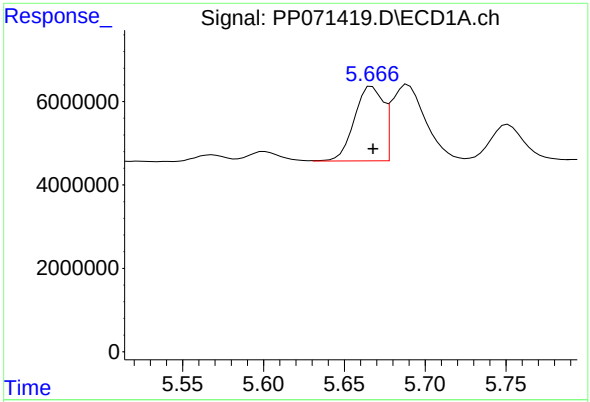
#2 Decachlorobiphenyl

R.T.: 10.234 min
Delta R.T.: -0.004 min
Response: 74699675
Conc: 51.59 ng/ml



#2 Decachlorobiphenyl

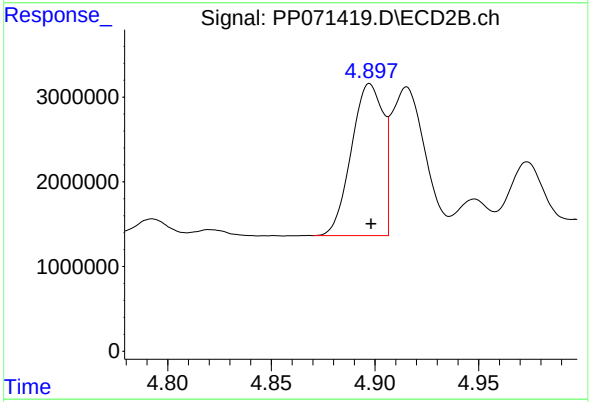
R.T.: 8.848 min
Delta R.T.: -0.001 min
Response: 45534064
Conc: 51.92 ng/ml



#21 AR-1248-1

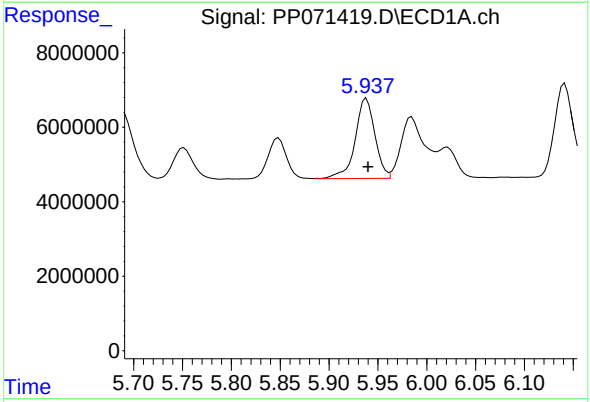
R.T.: 5.667 min
Delta R.T.: 0.000 min
Response: 22002964
Conc: 512.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1248



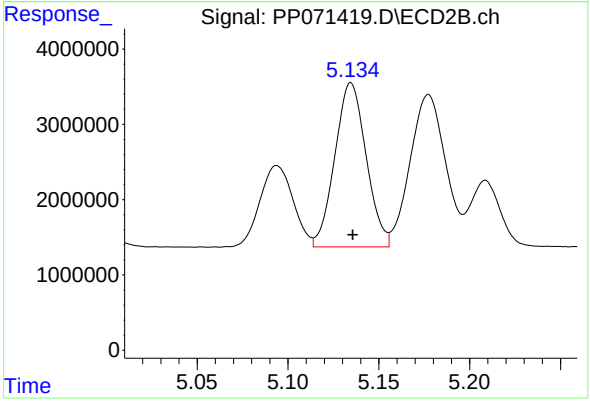
#21 AR-1248-1

R.T.: 4.897 min
Delta R.T.: 0.000 min
Response: 19168563
Conc: 530.89 ng/ml



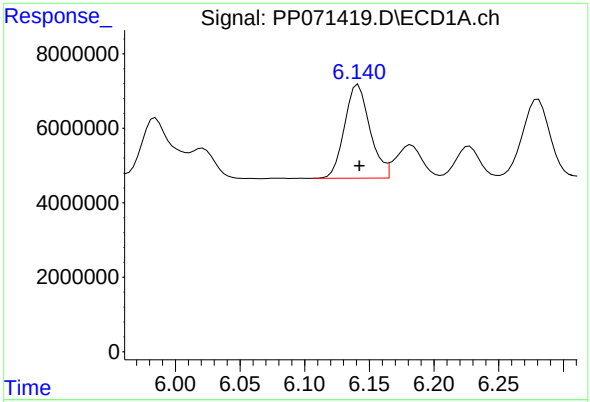
#22 AR-1248-2

R.T.: 5.938 min
Delta R.T.: -0.002 min
Response: 30310191
Conc: 501.55 ng/ml



#22 AR-1248-2

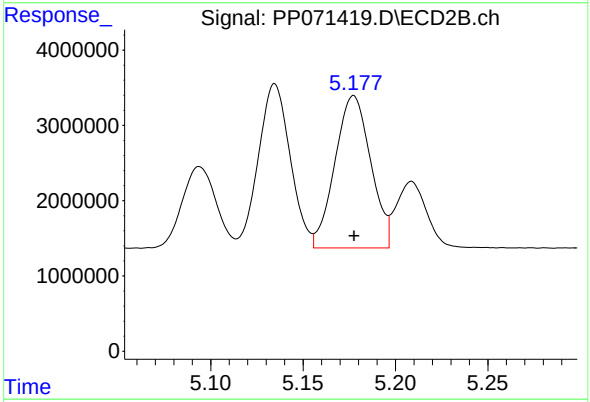
R.T.: 5.135 min
Delta R.T.: -0.001 min
Response: 26184570
Conc: 534.79 ng/ml



#23 AR-1248-3

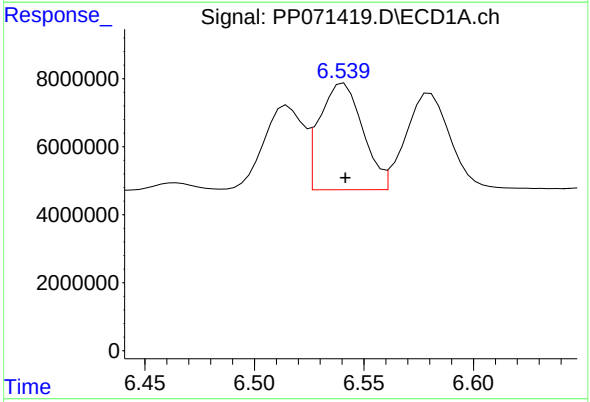
R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 34304891
Conc: 513.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1248



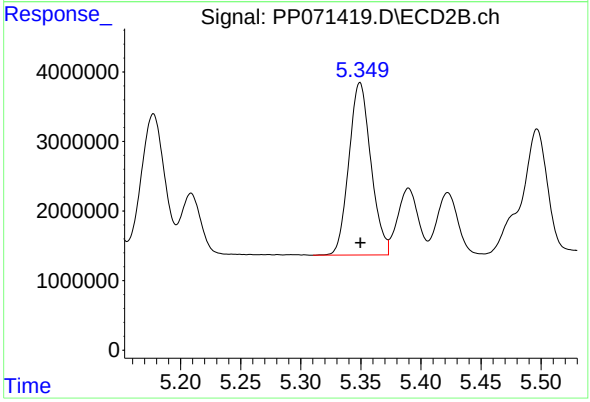
#23 AR-1248-3

R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 27346403
Conc: 535.31 ng/ml



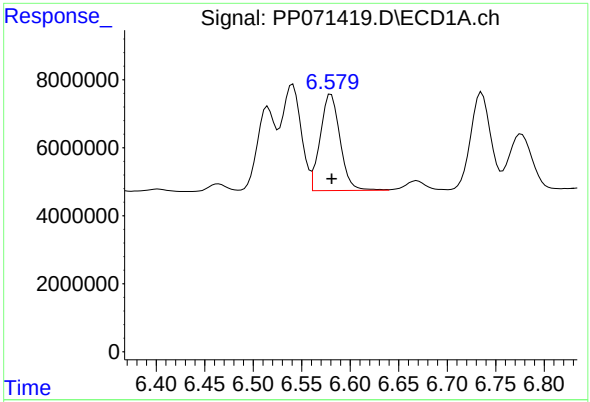
#24 AR-1248-4

R.T.: 6.541 min
Delta R.T.: 0.000 min
Response: 43159659
Conc: 510.10 ng/ml



#24 AR-1248-4

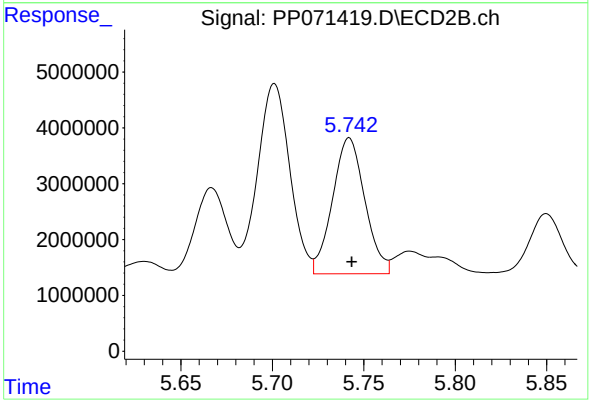
R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 31642146
Conc: 521.65 ng/ml



#25 AR-1248-5

R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 40310718
Conc: 507.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1248



#25 AR-1248-5

R.T.: 5.742 min
Delta R.T.: -0.001 min
Response: 30029077
Conc: 515.16 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071420.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 19:43
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 01:28:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 19:27:22 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.513	3.813	98111190	74345146	50.931	50.716
2)	SA Decachlor...	10.232	8.849	73988546	45066273	50.788	50.509
	Target Compounds						
26)	L6 AR-1254-1	6.517	5.702	41728109	42206013	509.183	461.771
27)	L6 AR-1254-2	6.733	5.850	64122746	35938664	504.601	456.583
28)	L6 AR-1254-3	7.097	6.254	64574948	56055056	505.381	473.005
29)	L6 AR-1254-4	7.379	6.482	58986526	36616929	501.956	474.524
30)	L6 AR-1254-5	7.796	6.900	55244441	47442452	512.803	467.562

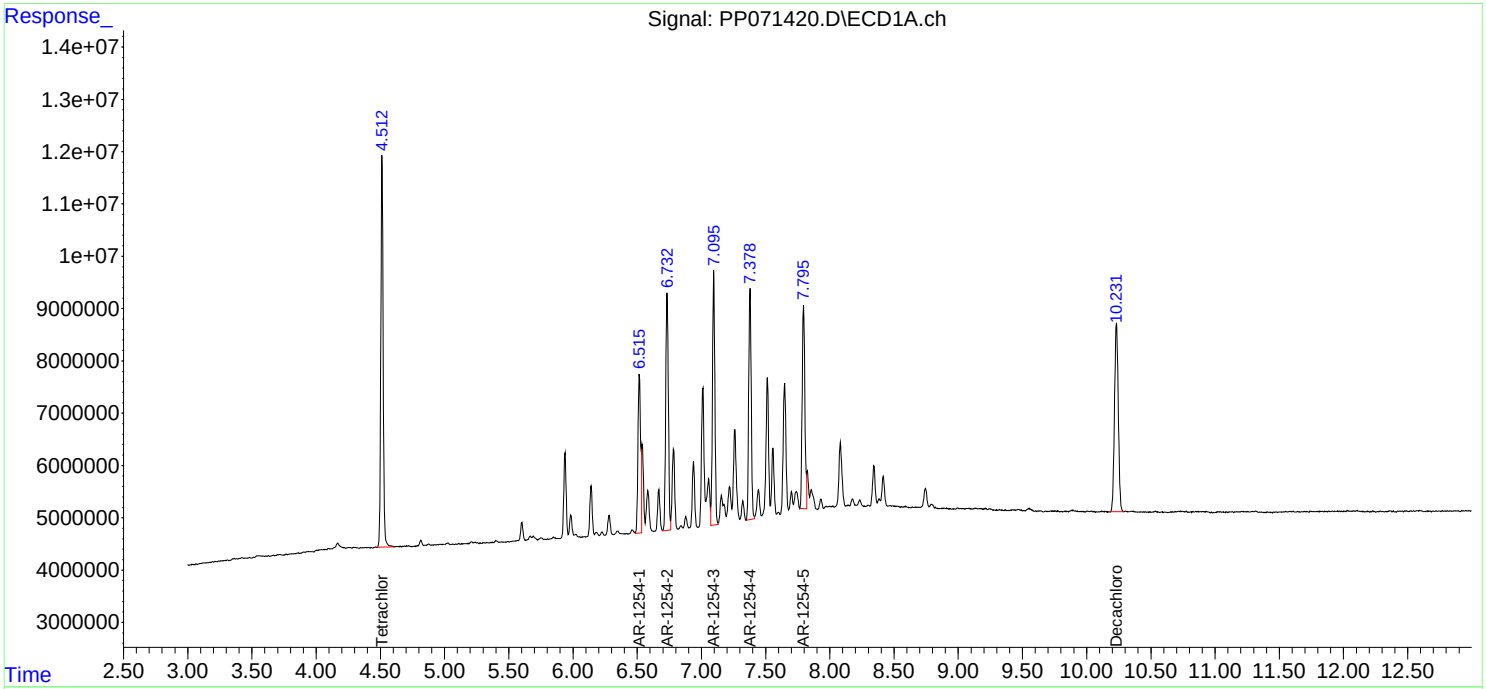
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

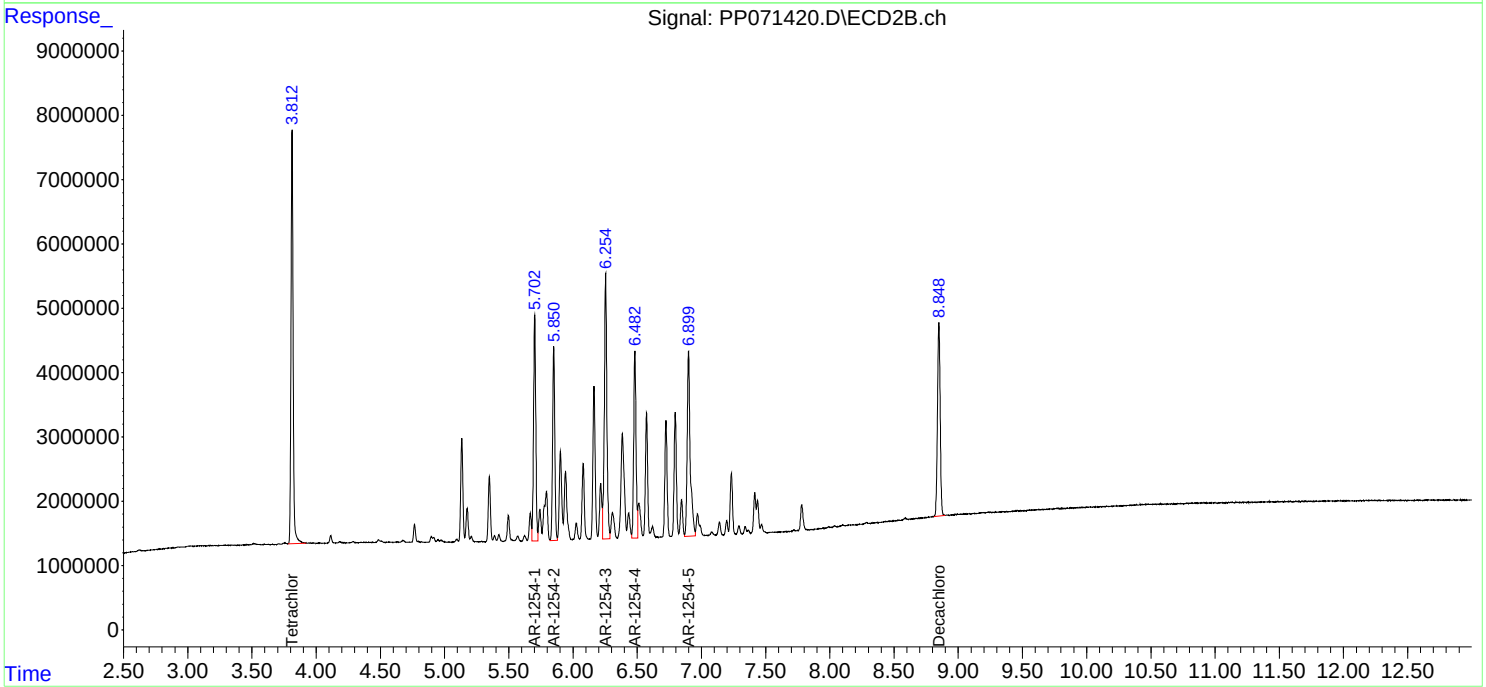
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071420.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 19:43
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

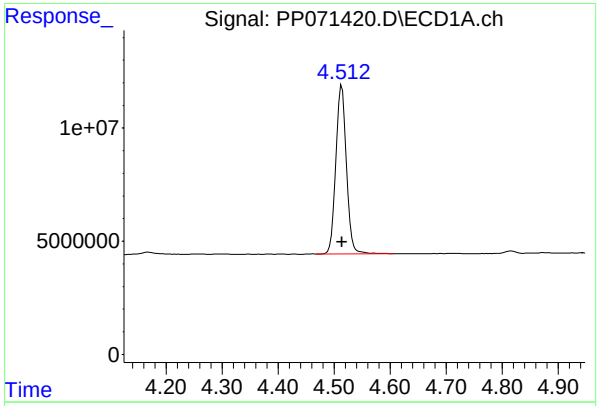
Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 01:28:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 19:27:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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



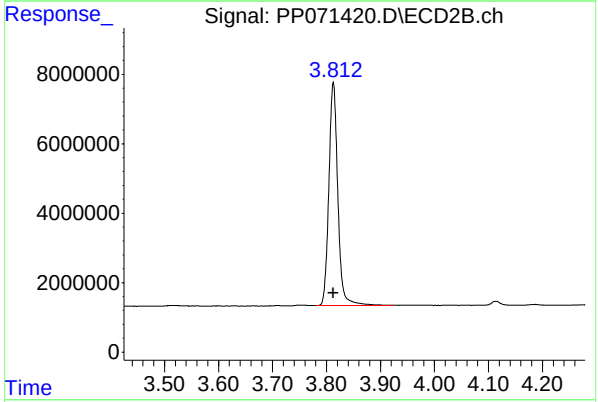




#1 Tetrachloro-m-xylene

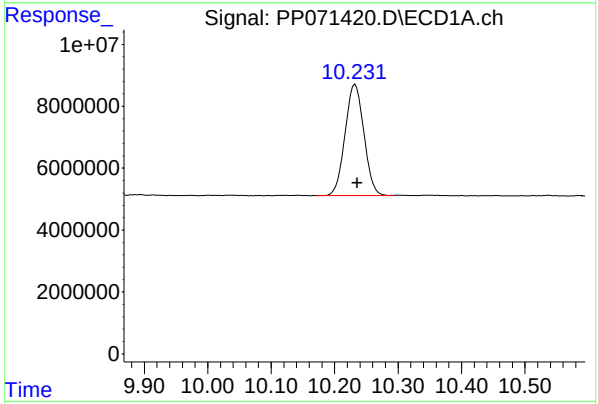
R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 98111190
Conc: 50.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1254



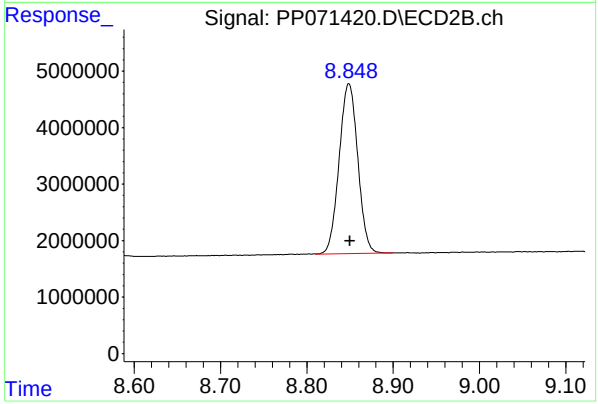
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 74345146
Conc: 50.72 ng/ml



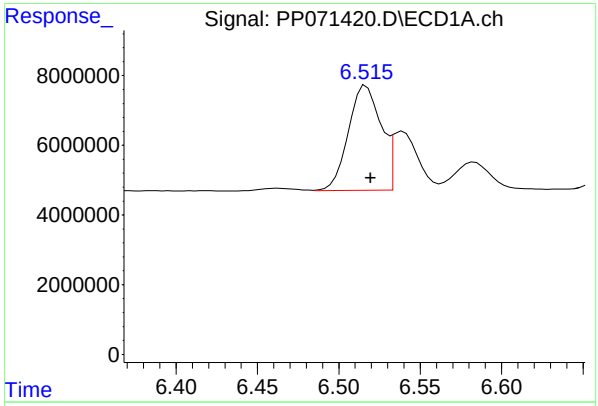
#2 Decachlorobiphenyl

R.T.: 10.232 min
Delta R.T.: -0.004 min
Response: 73988546
Conc: 50.79 ng/ml



#2 Decachlorobiphenyl

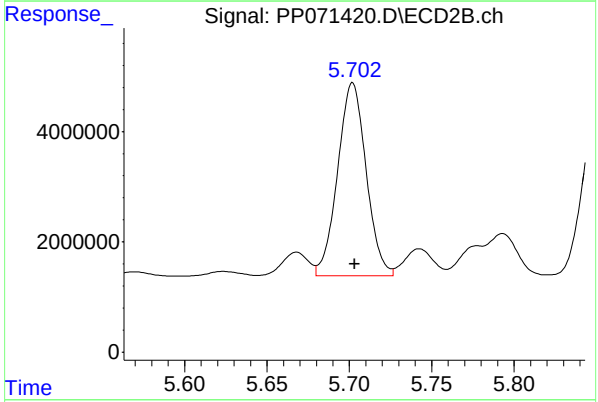
R.T.: 8.849 min
Delta R.T.: -0.001 min
Response: 45066273
Conc: 50.51 ng/ml



#26 AR-1254-1

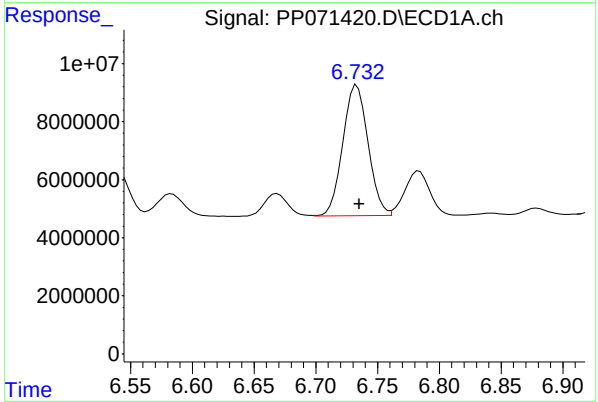
R.T.: 6.517 min
Delta R.T.: -0.003 min
Response: 41728109
Conc: 509.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1254



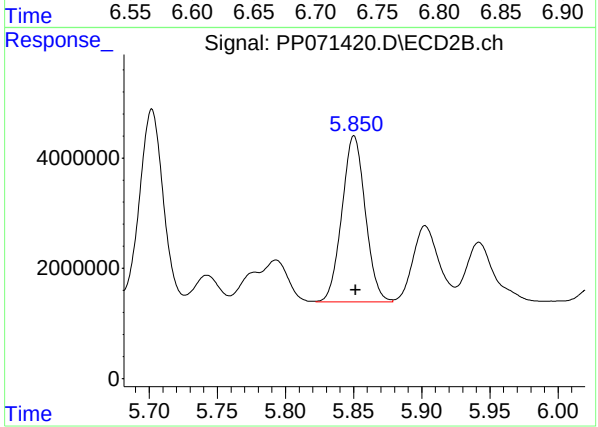
#26 AR-1254-1

R.T.: 5.702 min
Delta R.T.: -0.001 min
Response: 42206013
Conc: 461.77 ng/ml



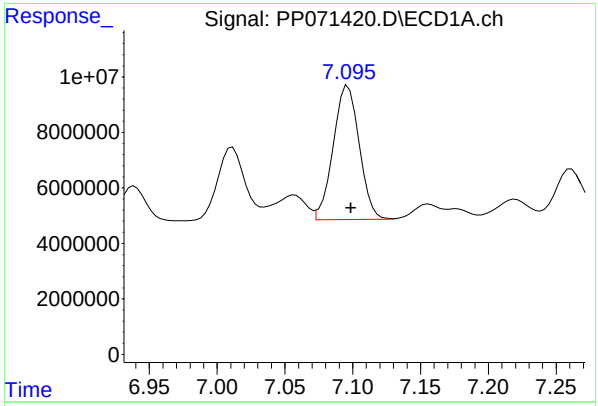
#27 AR-1254-2

R.T.: 6.733 min
Delta R.T.: -0.002 min
Response: 64122746
Conc: 504.60 ng/ml



#27 AR-1254-2

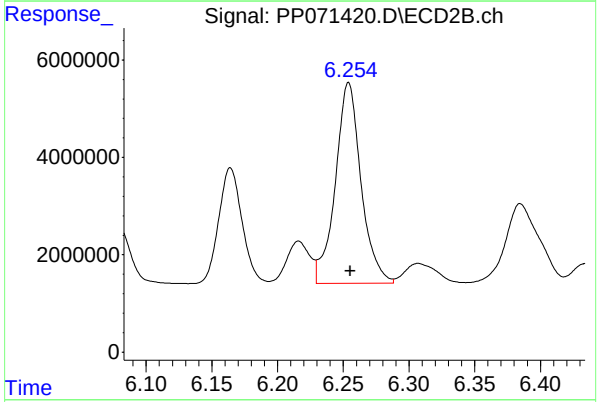
R.T.: 5.850 min
Delta R.T.: -0.001 min
Response: 35938664
Conc: 456.58 ng/ml



#28 AR-1254-3

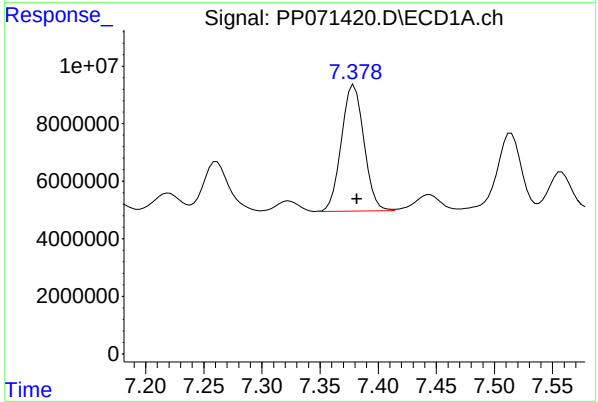
R.T.: 7.097 min
Delta R.T.: -0.002 min
Response: 64574948
Conc: 505.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1254



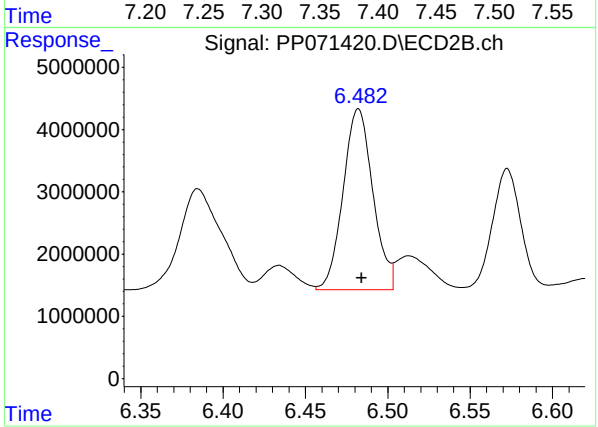
#28 AR-1254-3

R.T.: 6.254 min
Delta R.T.: -0.001 min
Response: 56055056
Conc: 473.01 ng/ml



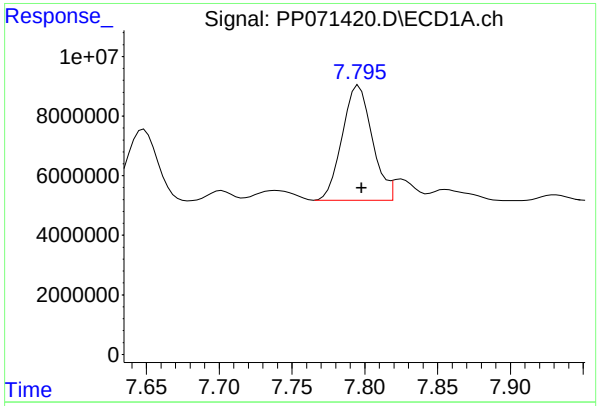
#29 AR-1254-4

R.T.: 7.379 min
Delta R.T.: -0.003 min
Response: 58986526
Conc: 501.96 ng/ml



#29 AR-1254-4

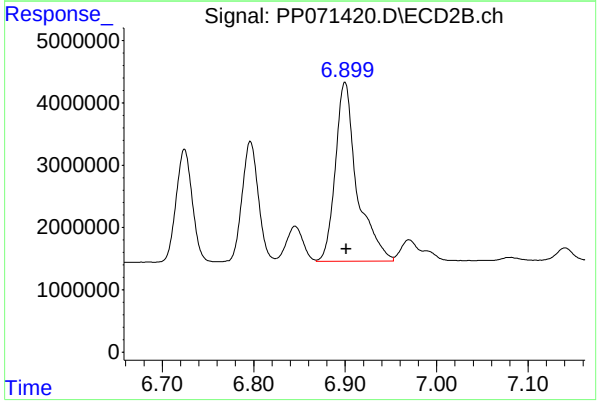
R.T.: 6.482 min
Delta R.T.: -0.002 min
Response: 36616929
Conc: 474.52 ng/ml



#30 AR-1254-5

R.T.: 7.796 min
Delta R.T.: -0.002 min
Response: 55244441
Conc: 512.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1254



#30 AR-1254-5

R.T.: 6.900 min
Delta R.T.: -0.002 min
Response: 47442452
Conc: 467.56 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071421.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 20:16
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1268

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 04:47:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 04:41:50 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.516	3.814	98428428	75098106	49.661	51.289
2)	SA Decachlor...	10.234	8.850	131.8E6	79464849	49.365	49.579
	Target Compounds						
41)	L9 AR-1268-1	8.733	7.722	157.9E6	98709054	493.783	486.283m
42)	L9 AR-1268-2	8.827	7.788	132.3E6	84218105	493.704	487.500
43)	L9 AR-1268-3	9.058	7.992	112.3E6	69254815	498.379	484.016
44)	L9 AR-1268-4	9.477	8.286	48904008	30724632	493.945	483.689
45)	L9 AR-1268-5	9.894	8.588	309.0E6	189.8E6	497.455	492.818

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

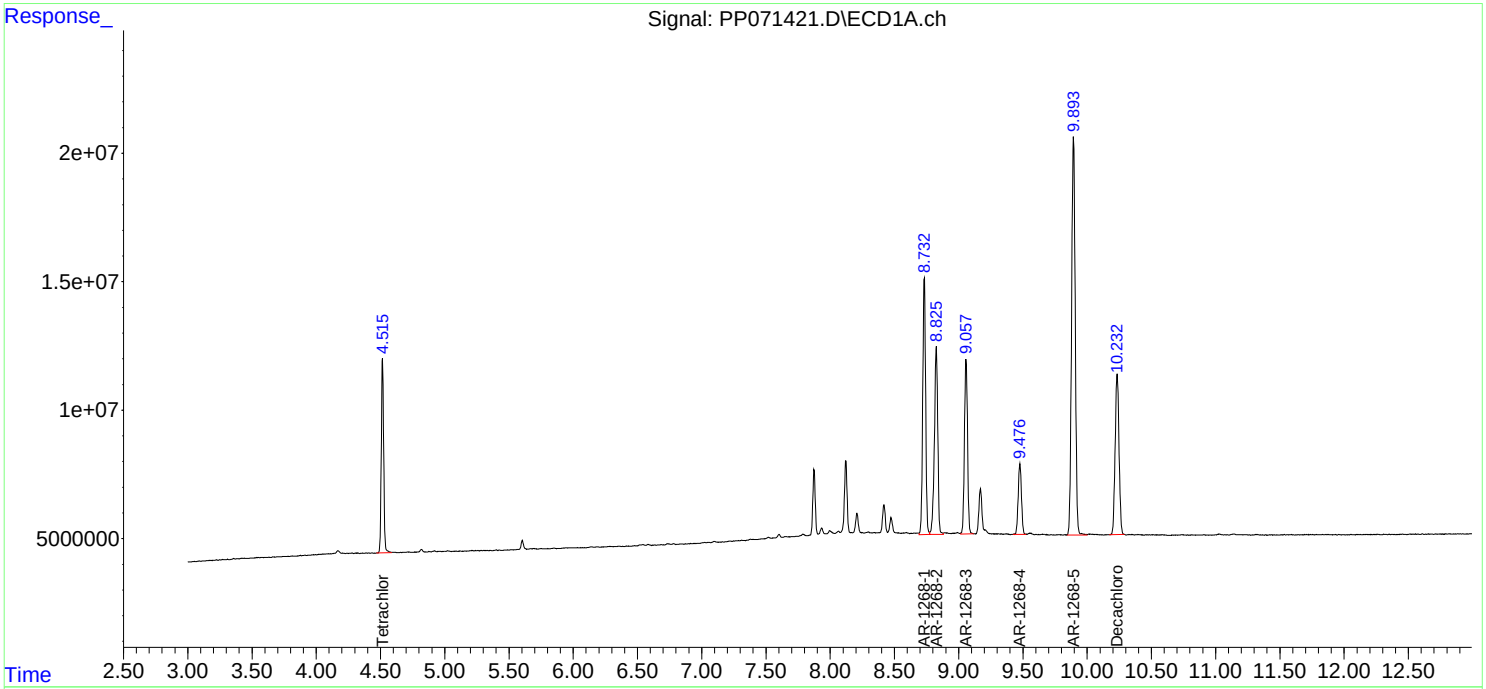
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071421.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 20:16
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

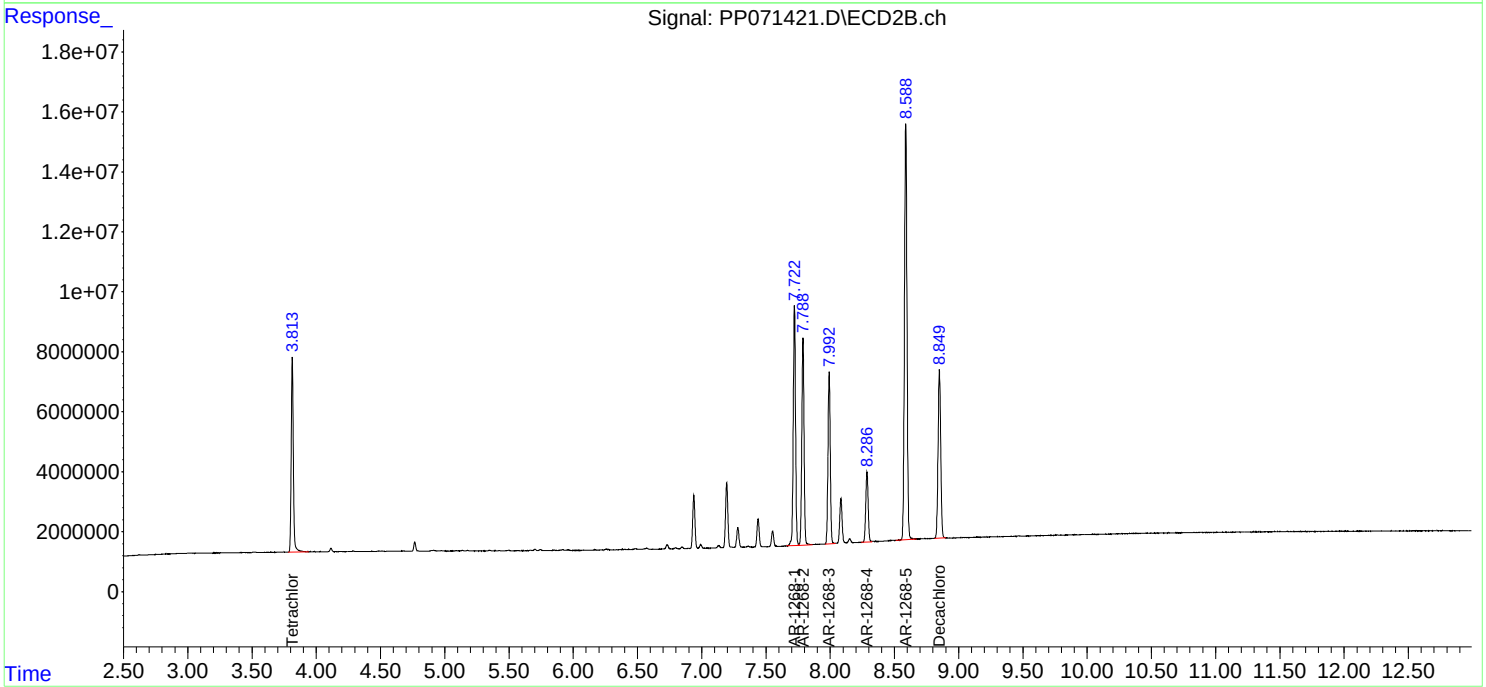
Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1268

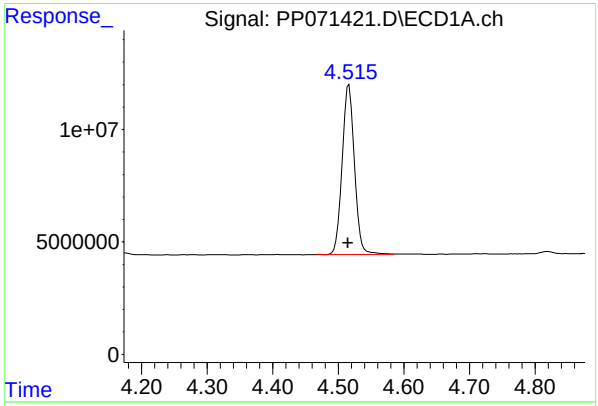
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 04:47:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 04:41:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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







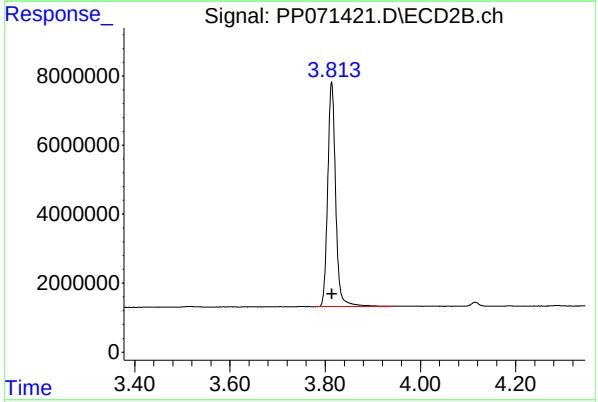
#1 Tetrachloro-m-xylene

R.T.: 4.516 min
Delta R.T.: 0.001 min
Response: 98428428
Conc: 49.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1268

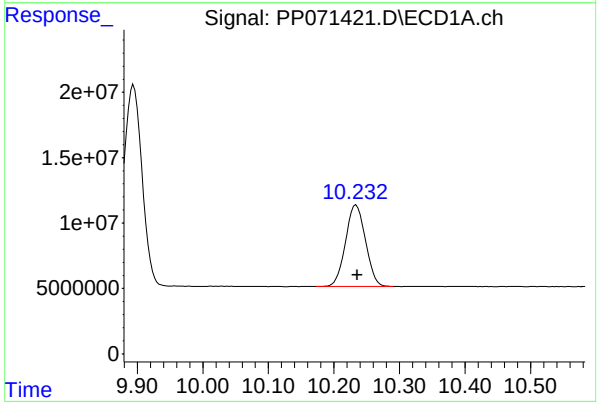
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



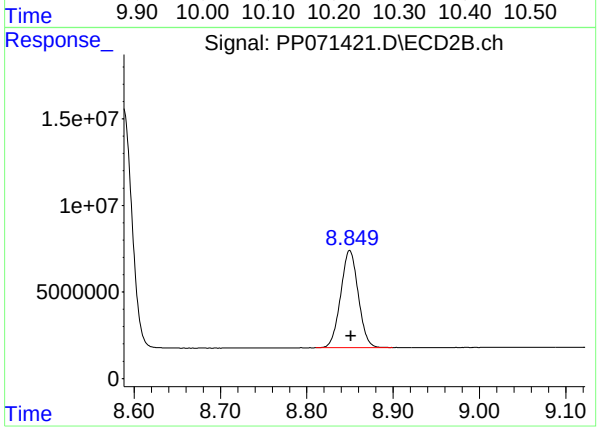
#1 Tetrachloro-m-xylene

R.T.: 3.814 min
Delta R.T.: 0.000 min
Response: 75098106
Conc: 51.29 ng/ml



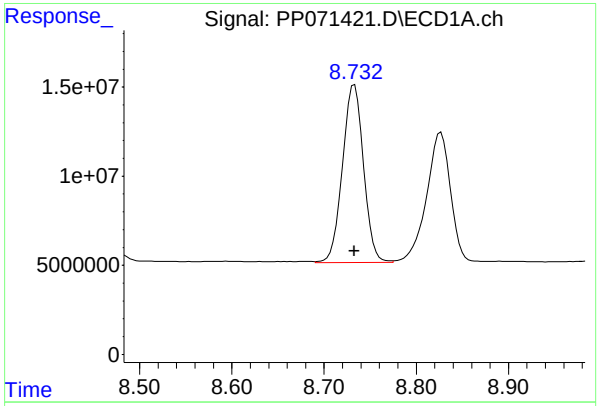
#2 Decachlorobiphenyl

R.T.: 10.234 min
Delta R.T.: -0.002 min
Response: 131775212
Conc: 49.36 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.850 min
Delta R.T.: -0.001 min
Response: 79464849
Conc: 49.58 ng/ml



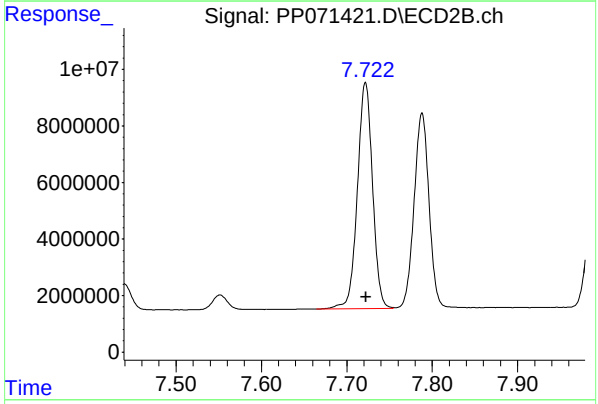
#41 AR-1268-1

R.T.: 8.733 min
Delta R.T.: 0.000 mi
Response: 157884565
Conc: 493.78 ng/m

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1268

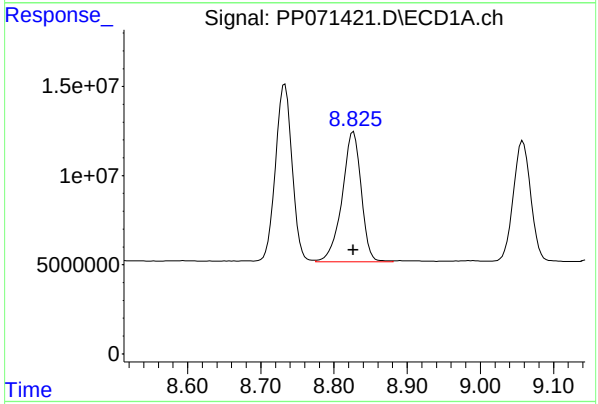
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



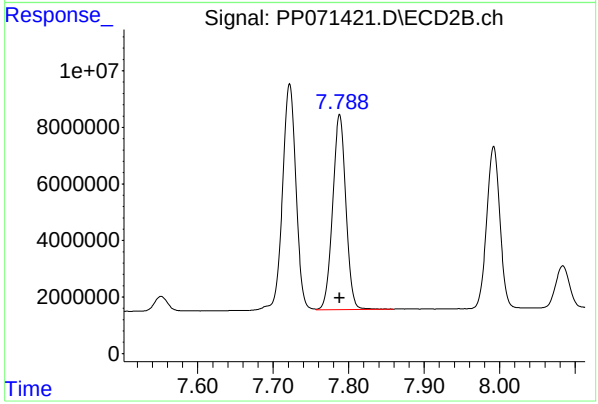
#41 AR-1268-1

R.T.: 7.722 min
Delta R.T.: 0.000 min
Response: 98709054
Conc: 486.28 ng/ml m



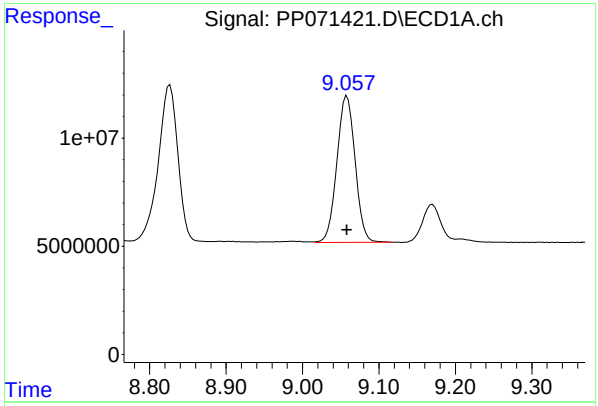
#42 AR-1268-2

R.T.: 8.827 min
Delta R.T.: 0.000 min
Response: 132293136
Conc: 493.70 ng/ml



#42 AR-1268-2

R.T.: 7.788 min
Delta R.T.: 0.000 min
Response: 84218105
Conc: 487.50 ng/ml



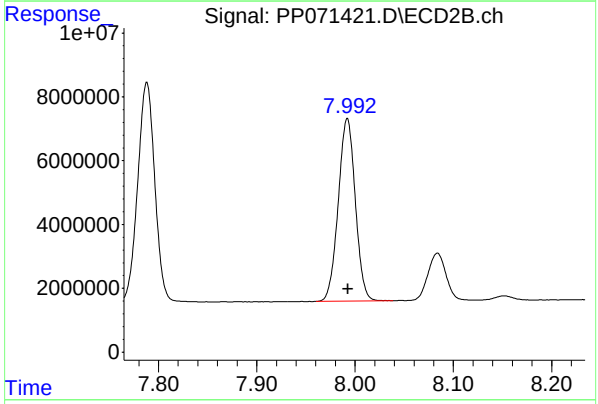
#43 AR-1268-3

R.T.: 9.058 min
Delta R.T.: 0.000 min
Response: 112276971
Conc: 498.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1268

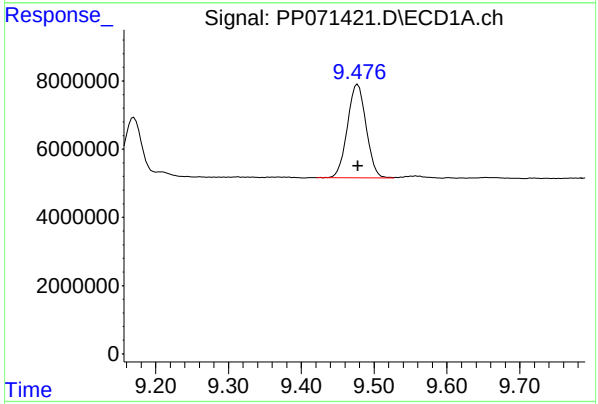
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



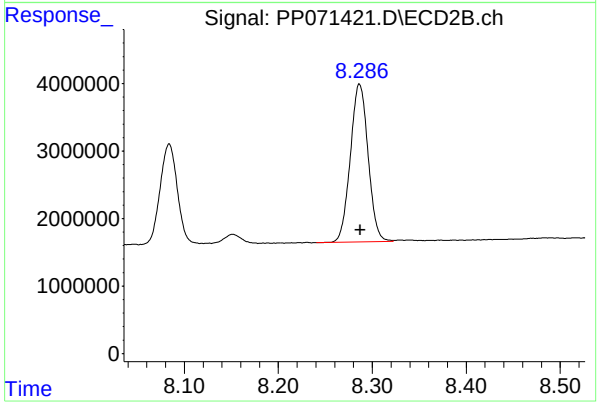
#43 AR-1268-3

R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 69254815
Conc: 484.02 ng/ml



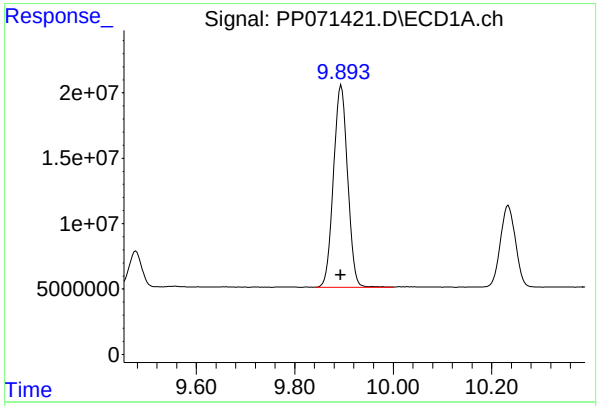
#44 AR-1268-4

R.T.: 9.477 min
Delta R.T.: 0.000 min
Response: 48904008
Conc: 493.94 ng/ml



#44 AR-1268-4

R.T.: 8.286 min
Delta R.T.: 0.000 min
Response: 30724632
Conc: 483.69 ng/ml



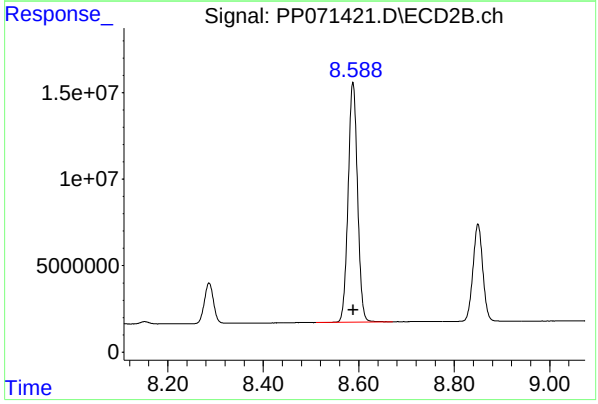
#45 AR-1268-5

R.T.: 9.894 min
Delta R.T.: 0.000 min
Response: 308950692
Conc: 497.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1268

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



#45 AR-1268-5

R.T.: 8.588 min
Delta R.T.: 0.000 min
Response: 189821225
Conc: 492.82 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1883 **SAS No.:** Q1883 **SDG NO.:** Q1883

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 15:58 **Initial Calibration Time(s):** 09:36 17:52

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-2	(2)	4.80	4.80	4.70	4.90	0.00
Aroclor-1016-3	(3)	4.85	4.86	4.76	4.96	0.01
Aroclor-1016-4	(4)	4.97	4.98	4.88	5.08	0.01
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.00
Aroclor-1260-1	(1)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-2	(2)	6.46	6.46	6.36	6.56	0.00
Aroclor-1260-3	(3)	6.83	6.83	6.73	6.93	0.01
Aroclor-1260-4	(4)	7.08	7.09	6.99	7.19	0.01
Aroclor-1260-5	(5)	7.33	7.33	7.23	7.43	0.00
Tetrachloro-m-xylene		3.69	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.73	8.73	8.63	8.83	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: NOBI03

Lab Code: CHEM **Case No.:** Q1883 **SAS No.:** Q1883 **SDG NO.:** Q1883

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 15:58 **Initial Calibration Time(s):** 09:36 17:52

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)	4.76	4.77	4.67	4.87	0.01
Aroclor-1016-2	(2)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-3	(3)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-4	(4)	5.00	5.00	4.90	5.10	0.00
Aroclor-1016-5	(5)	5.21	5.22	5.12	5.32	0.01
Aroclor-1260-1	(1)	6.24	6.25	6.15	6.35	0.01
Aroclor-1260-2	(2)	6.43	6.43	6.33	6.53	0.00
Aroclor-1260-3	(3)	6.58	6.59	6.49	6.69	0.01
Aroclor-1260-4	(4)	7.05	7.06	6.96	7.16	0.01
Aroclor-1260-5	(5)	7.29	7.30	7.20	7.40	0.01
Tetrachloro-m-xylene		3.68	3.69	3.59	3.79	0.01
Decachlorobiphenyl		8.68	8.68	8.58	8.78	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1883 **SAS No.:** Q1883 **SDG NO.:** Q1883

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL01 **Date Analyzed:** 04/29/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110861.D **Time Analyzed:** 15:58

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.776	4.679	4.879	567.510	500.000	13.5
Aroclor-1016-2	4.795	4.698	4.898	567.550	500.000	13.5
Aroclor-1016-3	4.851	4.755	4.955	552.160	500.000	10.4
Aroclor-1016-4	4.972	4.875	5.075	566.160	500.000	13.2
Aroclor-1016-5	5.229	5.132	5.332	568.900	500.000	13.8
Aroclor-1260-1	6.268	6.172	6.372	552.510	500.000	10.5
Aroclor-1260-2	6.457	6.360	6.560	540.900	500.000	8.2
Aroclor-1260-3	6.825	6.729	6.929	541.450	500.000	8.3
Aroclor-1260-4	7.084	6.988	7.188	532.720	500.000	6.5
Aroclor-1260-5	7.327	7.230	7.430	535.700	500.000	7.1
Decachlorobiphenyl	8.728	8.632	8.832	49.210	50.000	-1.6
Tetrachloro-m-xylene	3.686	3.588	3.788	57.430	50.000	14.9

Alliance TECHNICAL GROUP

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CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1883 **SAS No.:** Q1883 **SDG NO.:** Q1883

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL01 **Date Analyzed:** 04/29/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110861.D **Time Analyzed:** 15:58

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.763	4.666	4.866	533.100	500.000	6.6
Aroclor-1016-2	4.781	4.684	4.884	531.290	500.000	6.3
Aroclor-1016-3	4.956	4.860	5.060	513.330	500.000	2.7
Aroclor-1016-4	4.998	4.902	5.102	496.070	500.000	-0.8
Aroclor-1016-5	5.211	5.115	5.315	510.550	500.000	2.1
Aroclor-1260-1	6.242	6.146	6.346	502.200	500.000	0.4
Aroclor-1260-2	6.429	6.334	6.534	495.650	500.000	-0.9
Aroclor-1260-3	6.582	6.487	6.687	487.880	500.000	-2.4
Aroclor-1260-4	7.053	6.957	7.157	485.750	500.000	-2.9
Aroclor-1260-5	7.294	7.197	7.397	488.550	500.000	-2.3
Decachlorobiphenyl	8.679	8.584	8.784	46.590	50.000	-6.8
Tetrachloro-m-xylene	3.683	3.586	3.786	54.630	50.000	9.3

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042925\
Data File : PO110861.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 15:58
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: Apr 30 02:26:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.683	502.5E6	272.6E6	57.434	54.630
2)	SA Decachlor...	8.728	8.679	388.5E6	89691972	49.213	46.593
	Target Compounds						
3)	L1 AR-1016-1	4.776	4.763	186.2E6	93564868	567.510	533.104
4)	L1 AR-1016-2	4.795	4.781	258.2E6	133.6E6	567.553	531.286
5)	L1 AR-1016-3	4.851	4.956	178.1E6	69663894	552.164	513.326
6)	L1 AR-1016-4	4.972	4.998	141.1E6	56734615	566.157	496.071
7)	L1 AR-1016-5	5.229	5.211	153.0E6	76109735	568.905	510.550
31)	L7 AR-1260-1	6.268	6.242	261.0E6	123.5E6	552.508	502.198
32)	L7 AR-1260-2	6.457	6.429	317.2E6	144.6E6	540.898	495.646
33)	L7 AR-1260-3	6.825	6.582	266.9E6	132.2E6	541.450	487.884
34)	L7 AR-1260-4	7.084	7.053	226.1E6	97461414	532.723	485.753
35)	L7 AR-1260-5	7.327	7.294	559.0E6	224.2E6	535.705	488.553

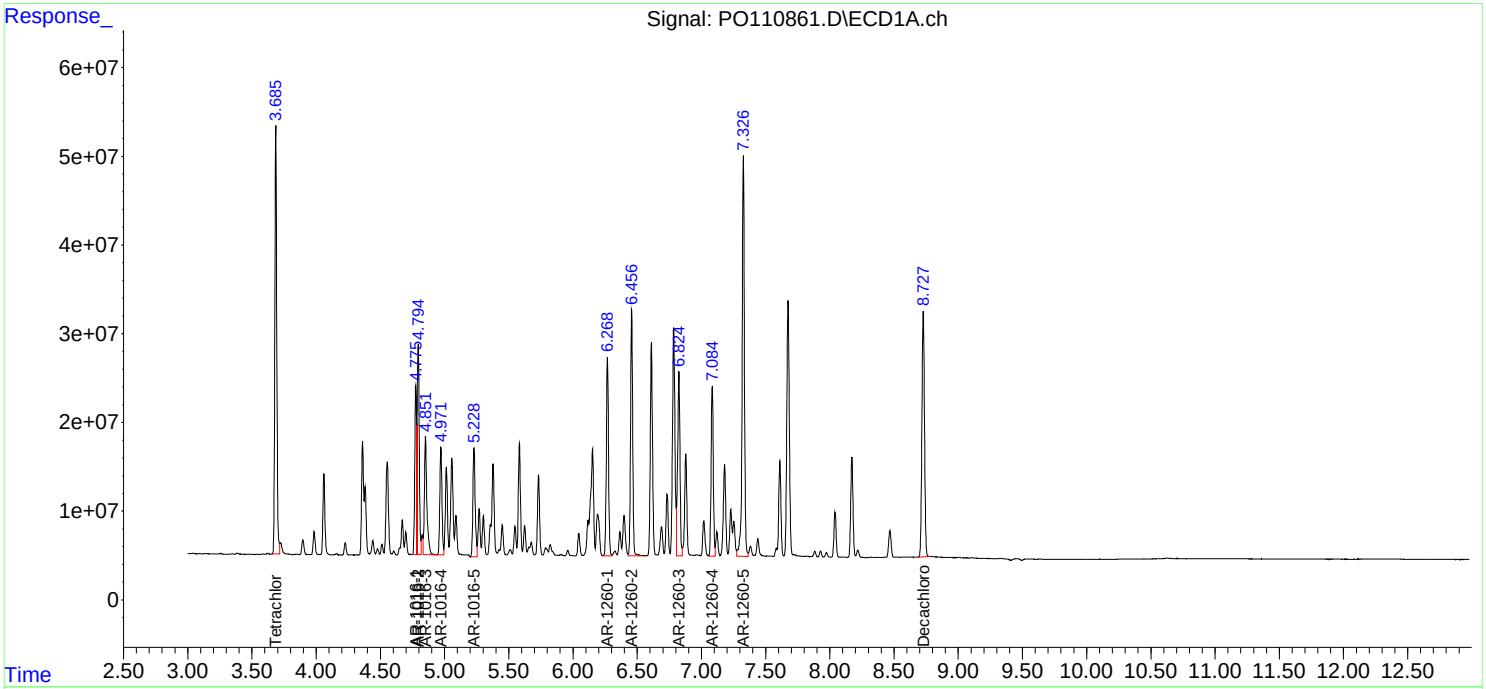
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

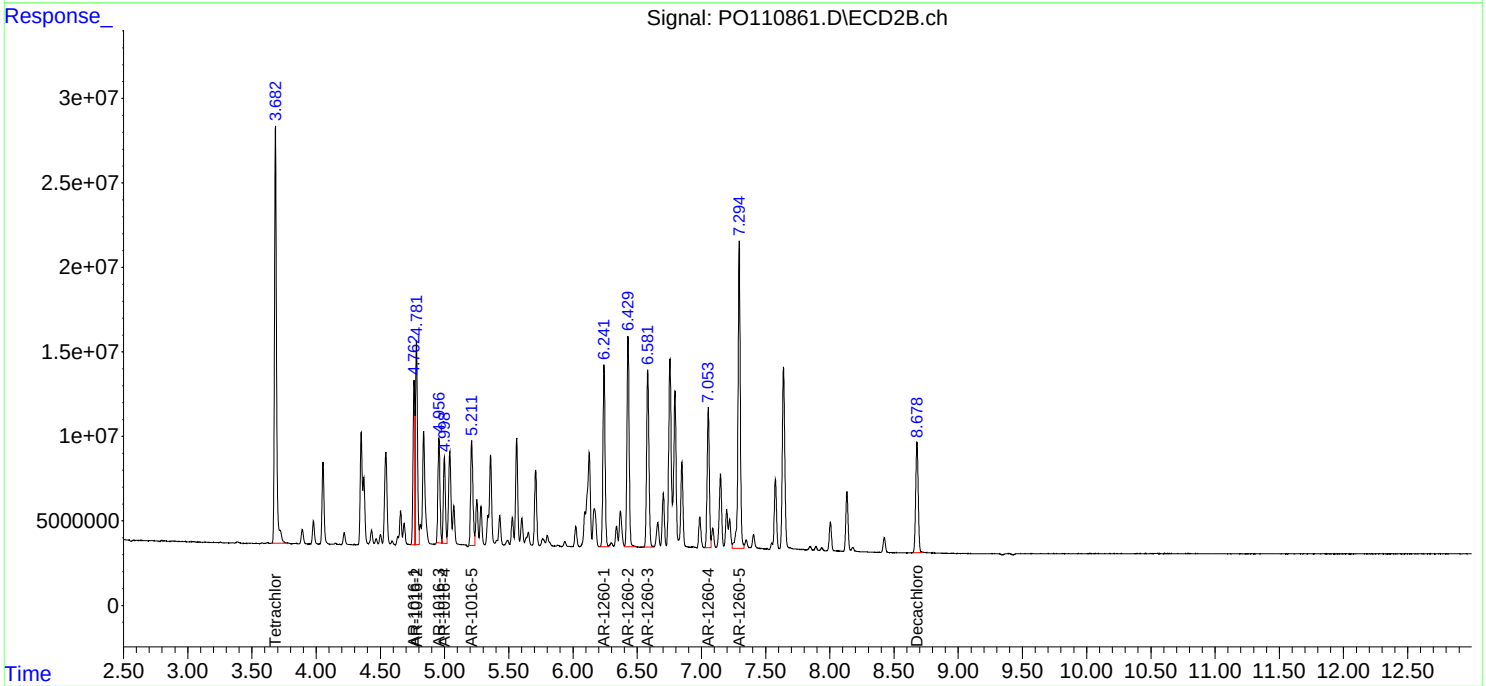
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042925\
Data File : PO110861.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 15:58
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

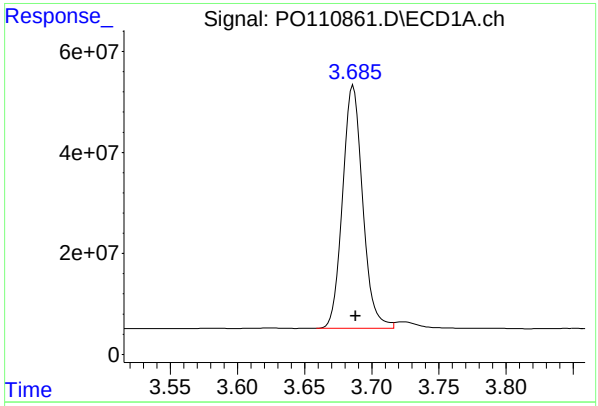
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:26:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



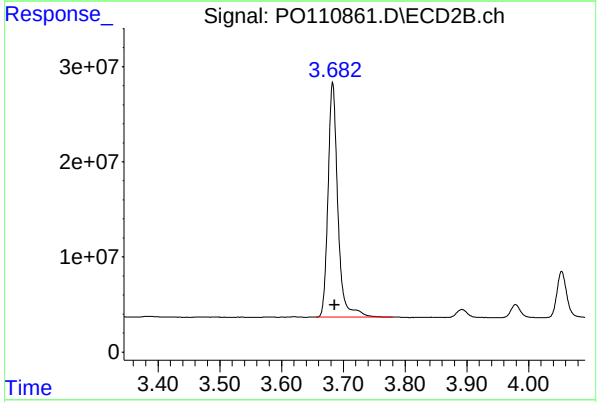




#1 Tetrachloro-m-xylene

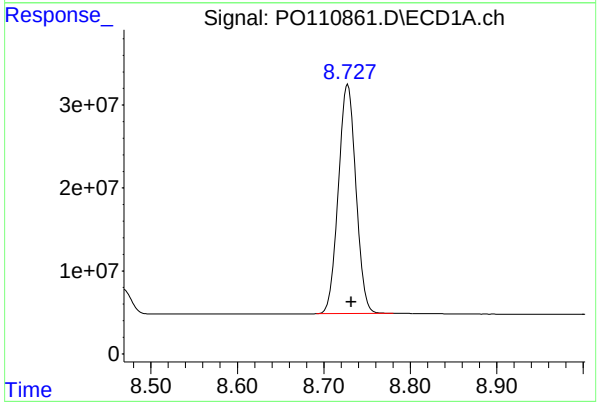
R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 502496938
Conc: 57.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



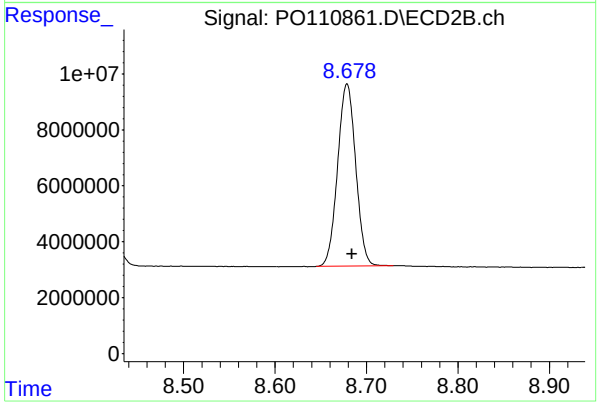
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 272589697
Conc: 54.63 ng/ml



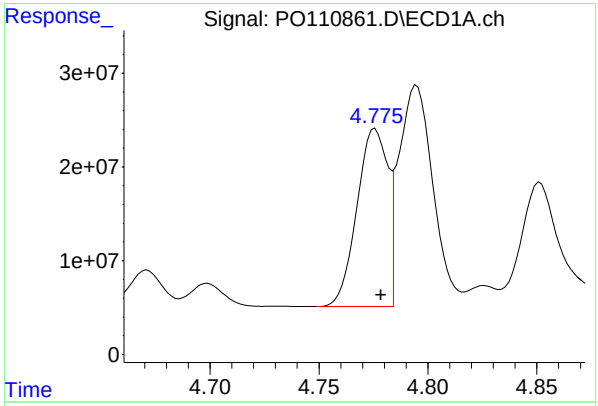
#2 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: -0.004 min
Response: 388536408
Conc: 49.21 ng/ml



#2 Decachlorobiphenyl

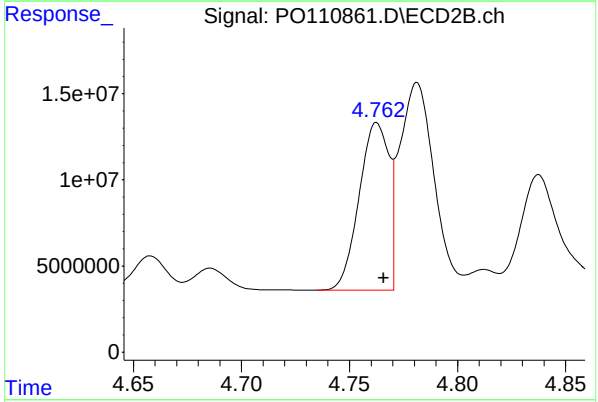
R.T.: 8.679 min
Delta R.T.: -0.005 min
Response: 89691972
Conc: 46.59 ng/ml



#3 AR-1016-1

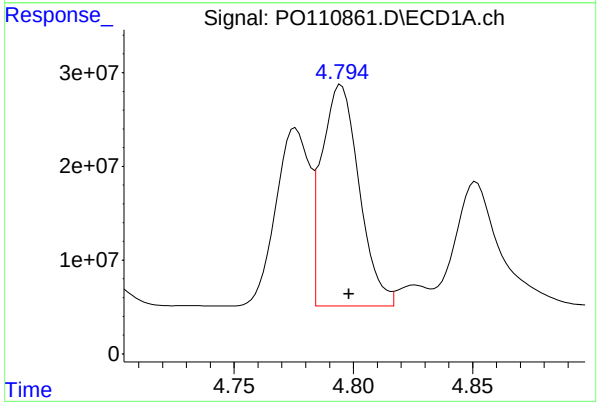
R.T.: 4.776 min
Delta R.T.: -0.003 min
Response: 186224740
Conc: 567.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



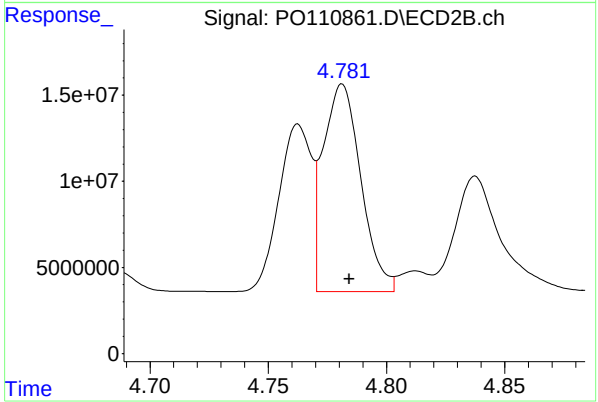
#3 AR-1016-1

R.T.: 4.763 min
Delta R.T.: -0.003 min
Response: 93564868
Conc: 533.10 ng/ml



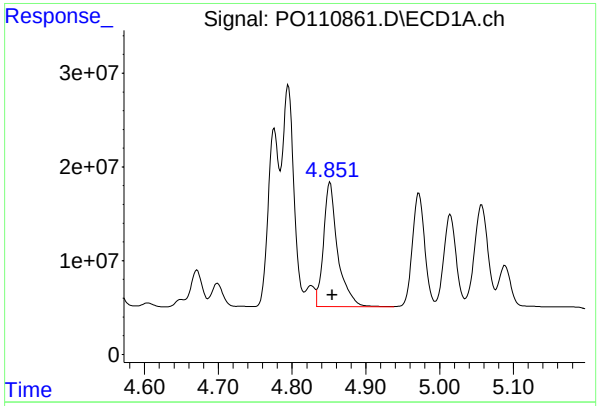
#4 AR-1016-2

R.T.: 4.795 min
Delta R.T.: -0.003 min
Response: 258207362
Conc: 567.55 ng/ml



#4 AR-1016-2

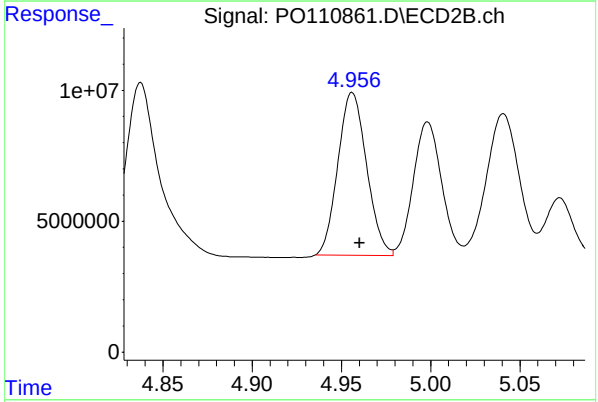
R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 133599849
Conc: 531.29 ng/ml



#5 AR-1016-3

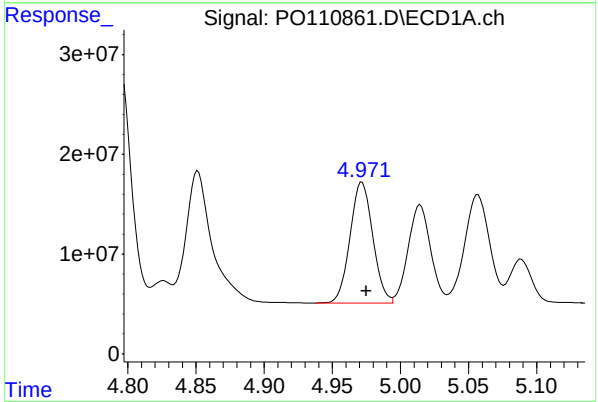
R.T.: 4.851 min
Delta R.T.: -0.003 min
Response: 178087994
Conc: 552.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



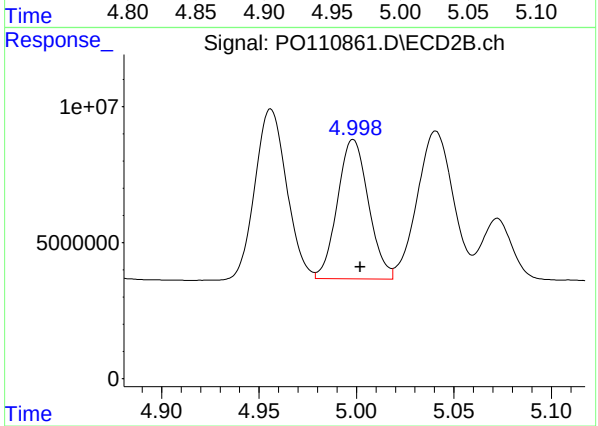
#5 AR-1016-3

R.T.: 4.956 min
Delta R.T.: -0.004 min
Response: 69663894
Conc: 513.33 ng/ml



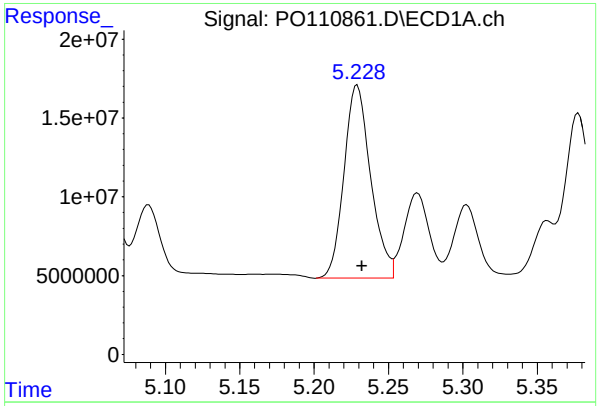
#6 AR-1016-4

R.T.: 4.972 min
Delta R.T.: -0.003 min
Response: 141066143
Conc: 566.16 ng/ml



#6 AR-1016-4

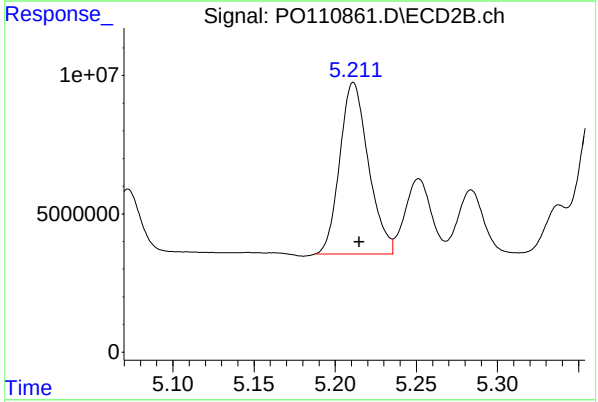
R.T.: 4.998 min
Delta R.T.: -0.004 min
Response: 56734615
Conc: 496.07 ng/ml



#7 AR-1016-5

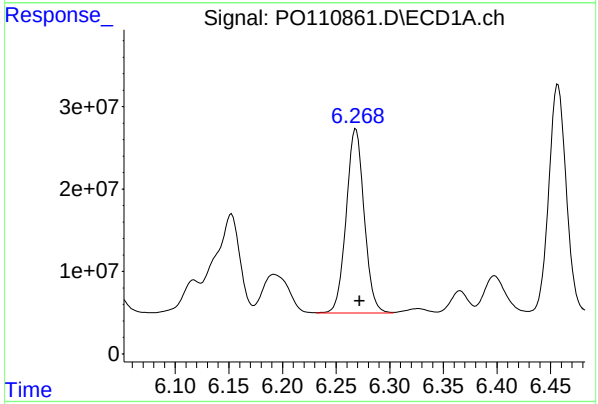
R.T.: 5.229 min
Delta R.T.: -0.003 min
Response: 153041965
Conc: 568.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



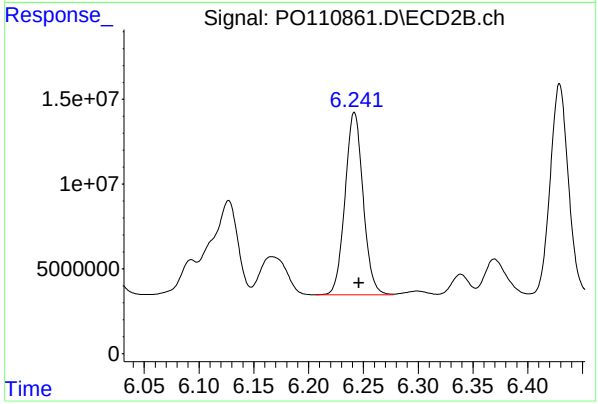
#7 AR-1016-5

R.T.: 5.211 min
Delta R.T.: -0.004 min
Response: 76109735
Conc: 510.55 ng/ml



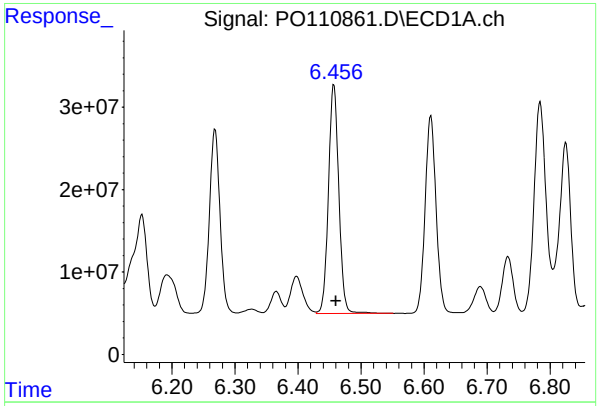
#31 AR-1260-1

R.T.: 6.268 min
Delta R.T.: -0.004 min
Response: 261029889
Conc: 552.51 ng/ml



#31 AR-1260-1

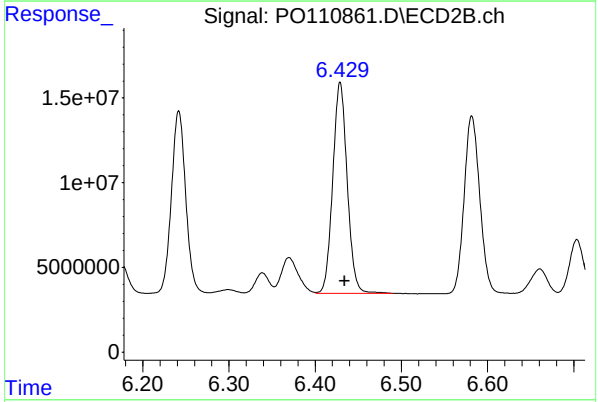
R.T.: 6.242 min
Delta R.T.: -0.004 min
Response: 123522395
Conc: 502.20 ng/ml



#32 AR-1260-2

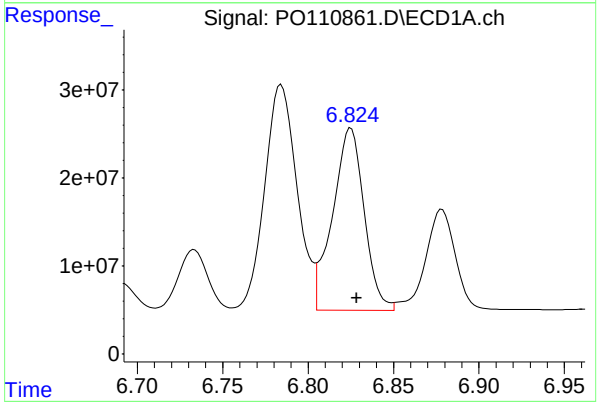
R.T.: 6.457 min
Delta R.T.: -0.003 min
Response: 317195671
Conc: 540.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



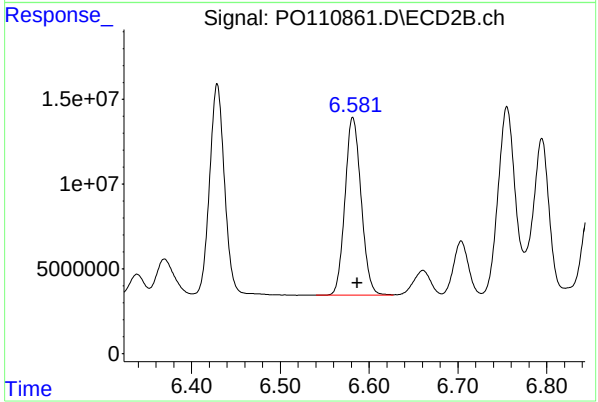
#32 AR-1260-2

R.T.: 6.429 min
Delta R.T.: -0.005 min
Response: 144605151
Conc: 495.65 ng/ml



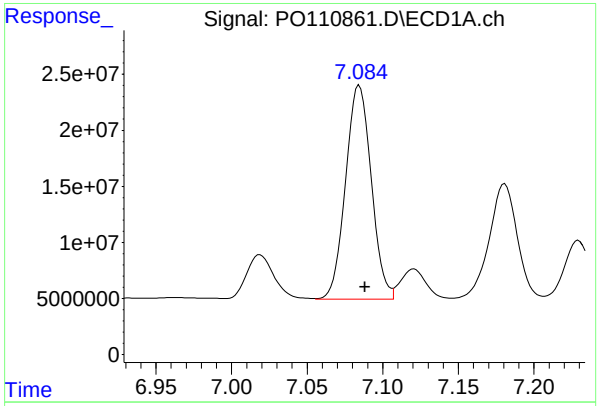
#33 AR-1260-3

R.T.: 6.825 min
Delta R.T.: -0.004 min
Response: 266865989
Conc: 541.45 ng/ml



#33 AR-1260-3

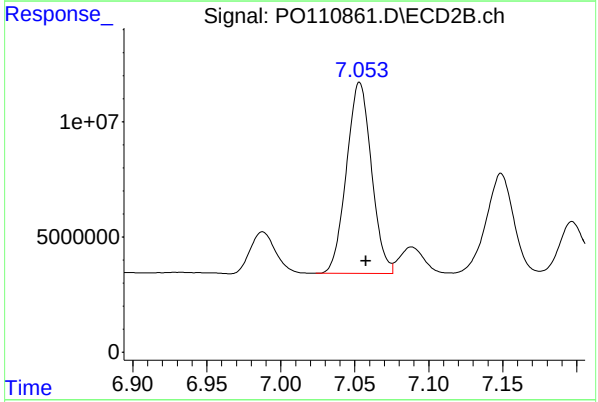
R.T.: 6.582 min
Delta R.T.: -0.005 min
Response: 132160031
Conc: 487.88 ng/ml



#34 AR-1260-4

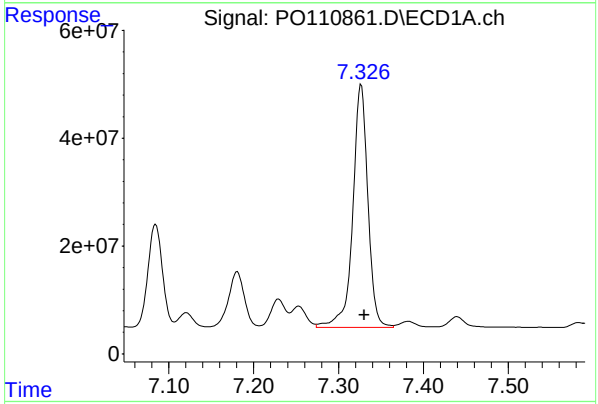
R.T.: 7.084 min
Delta R.T.: -0.004 min
Response: 226099797
Conc: 532.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



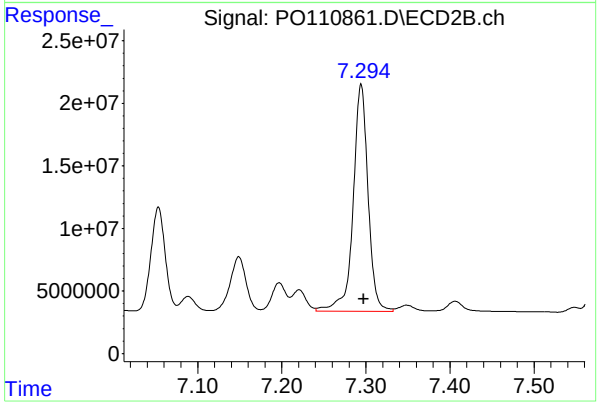
#34 AR-1260-4

R.T.: 7.053 min
Delta R.T.: -0.004 min
Response: 97461414
Conc: 485.75 ng/ml



#35 AR-1260-5

R.T.: 7.327 min
Delta R.T.: -0.004 min
Response: 558992942
Conc: 535.70 ng/ml



#35 AR-1260-5

R.T.: 7.294 min
Delta R.T.: -0.003 min
Response: 224176425
Conc: 488.55 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1883 **SAS No.:** Q1883 **SDG NO.:** Q1883

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 22:00 **Initial Calibration Time(s):** 09:36 17:52

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-2	(2)	4.80	4.80	4.70	4.90	0.00
Aroclor-1016-3	(3)	4.85	4.86	4.76	4.96	0.01
Aroclor-1016-4	(4)	4.97	4.98	4.88	5.08	0.01
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.00
Aroclor-1260-1	(1)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-2	(2)	6.46	6.46	6.36	6.56	0.00
Aroclor-1260-3	(3)	6.83	6.83	6.73	6.93	0.01
Aroclor-1260-4	(4)	7.09	7.09	6.99	7.19	0.00
Aroclor-1260-5	(5)	7.33	7.33	7.23	7.43	0.00
Tetrachloro-m-xylene		3.69	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.73	8.73	8.63	8.83	0.00

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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1883 **SAS No.:** Q1883 **SDG NO.:** Q1883

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 22:00 **Initial Calibration Time(s):** 09:36 17:52

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)	4.76	4.77	4.67	4.87	0.01
Aroclor-1016-2	(2)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-3	(3)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-4	(4)	5.00	5.00	4.90	5.10	0.00
Aroclor-1016-5	(5)	5.21	5.22	5.12	5.32	0.01
Aroclor-1260-1	(1)	6.24	6.25	6.15	6.35	0.01
Aroclor-1260-2	(2)	6.43	6.43	6.33	6.53	0.00
Aroclor-1260-3	(3)	6.58	6.59	6.49	6.69	0.01
Aroclor-1260-4	(4)	7.05	7.06	6.96	7.16	0.01
Aroclor-1260-5	(5)	7.30	7.30	7.20	7.40	0.00
Tetrachloro-m-xylene		3.68	3.69	3.59	3.79	0.01
Decachlorobiphenyl		8.68	8.68	8.58	8.78	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1883 **SAS No.:** Q1883 **SDG NO.:** Q1883

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL02 **Date Analyzed:** 04/29/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110876.D **Time Analyzed:** 22:00

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.776	4.679	4.879	557.860	500.000	11.6
Aroclor-1016-2	4.795	4.698	4.898	559.810	500.000	12.0
Aroclor-1016-3	4.851	4.755	4.955	538.720	500.000	7.7
Aroclor-1016-4	4.971	4.875	5.075	545.640	500.000	9.1
Aroclor-1016-5	5.229	5.132	5.332	551.180	500.000	10.2
Aroclor-1260-1	6.269	6.172	6.372	518.480	500.000	3.7
Aroclor-1260-2	6.457	6.360	6.560	510.870	500.000	2.2
Aroclor-1260-3	6.825	6.729	6.929	503.660	500.000	0.7
Aroclor-1260-4	7.085	6.988	7.188	490.870	500.000	-1.8
Aroclor-1260-5	7.327	7.230	7.430	489.900	500.000	-2.0
Decachlorobiphenyl	8.728	8.632	8.832	45.530	50.000	-8.9
Tetrachloro-m-xylene	3.686	3.588	3.788	57.090	50.000	14.2

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CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1883 **SAS No.:** Q1883 **SDG NO.:** Q1883

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL02 **Date Analyzed:** 04/29/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110876.D **Time Analyzed:** 22:00

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.762	4.666	4.866	524.970	500.000	5.0
Aroclor-1016-2	4.781	4.684	4.884	531.970	500.000	6.4
Aroclor-1016-3	4.957	4.860	5.060	500.250	500.000	0.1
Aroclor-1016-4	4.998	4.902	5.102	481.510	500.000	-3.7
Aroclor-1016-5	5.211	5.115	5.315	505.850	500.000	1.2
Aroclor-1260-1	6.243	6.146	6.346	482.790	500.000	-3.4
Aroclor-1260-2	6.431	6.334	6.534	475.660	500.000	-4.9
Aroclor-1260-3	6.583	6.487	6.687	468.070	500.000	-6.4
Aroclor-1260-4	7.054	6.957	7.157	461.140	500.000	-7.8
Aroclor-1260-5	7.295	7.197	7.397	461.730	500.000	-7.7
Decachlorobiphenyl	8.680	8.584	8.784	44.710	50.000	-10.6
Tetrachloro-m-xylene	3.683	3.586	3.786	54.470	50.000	8.9

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042925\
Data File : PO110876.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 22:00
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: Apr 30 02:30:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.683	499.5E6	271.8E6	57.089	54.466
2)	SA Decachlor...	8.728	8.680	359.5E6	86074092	45.530	44.714
	Target Compounds						
3)	L1 AR-1016-1	4.776	4.762	183.1E6	92137906	557.859	524.974
4)	L1 AR-1016-2	4.795	4.781	254.7E6	133.8E6	559.811	531.969
5)	L1 AR-1016-3	4.851	4.957	173.8E6	67890056	538.715	500.255
6)	L1 AR-1016-4	4.971	4.998	136.0E6	55068706	545.639	481.505
7)	L1 AR-1016-5	5.229	5.211	148.3E6	75409145	551.181	505.851
31)	L7 AR-1260-1	6.269	6.243	245.0E6	118.7E6	518.479	482.791
32)	L7 AR-1260-2	6.457	6.431	299.6E6	138.8E6	510.872	475.658
33)	L7 AR-1260-3	6.825	6.583	248.2E6	126.8E6	503.658	468.068
34)	L7 AR-1260-4	7.085	7.054	208.3E6	92522218	490.868	461.135
35)	L7 AR-1260-5	7.327	7.295	511.2E6	211.9E6	489.903	461.730

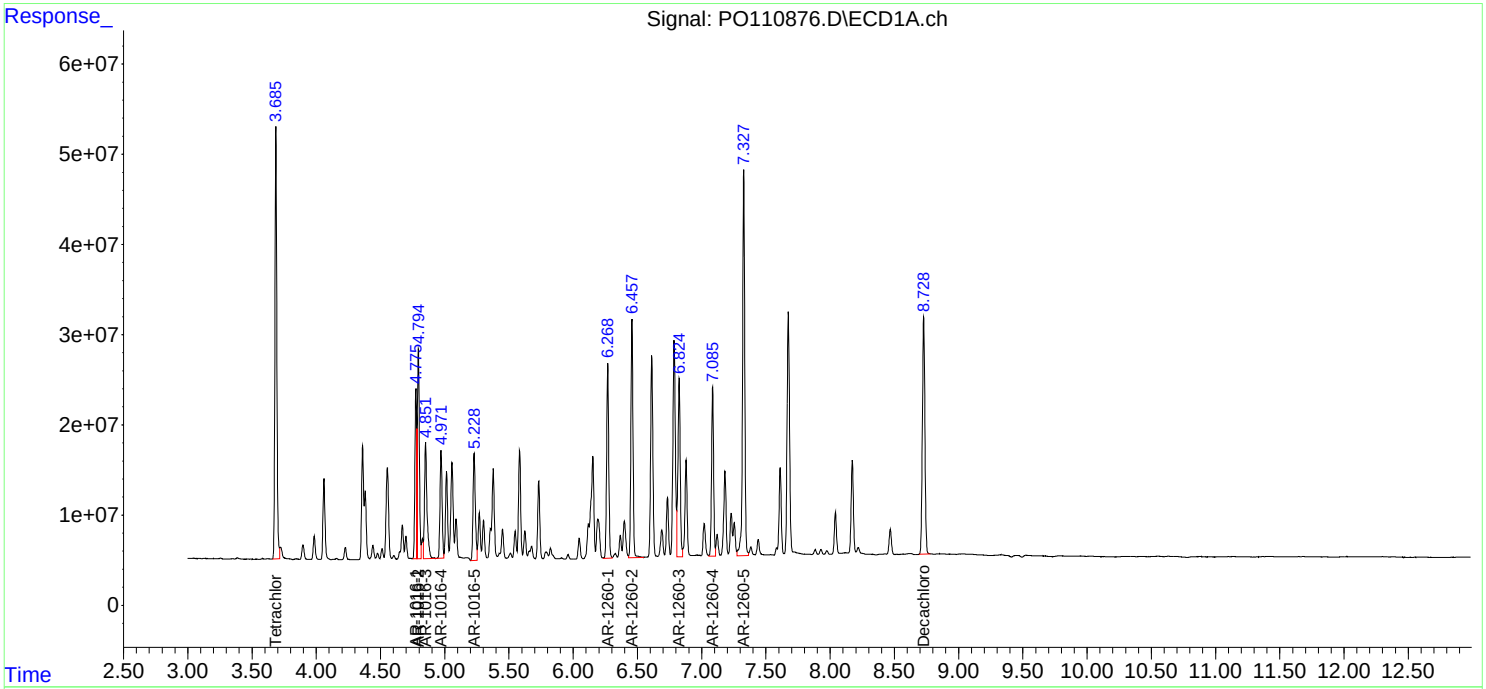
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

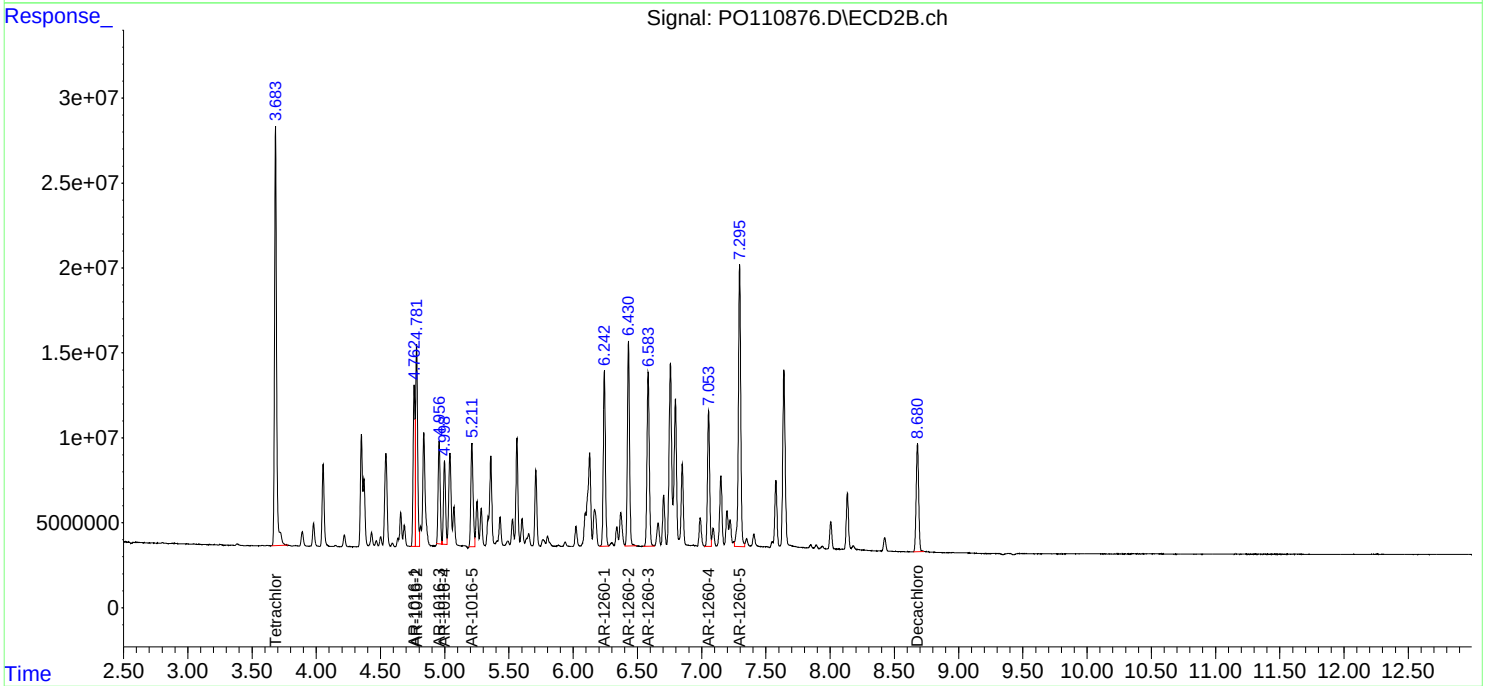
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042925\
Data File : PO110876.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 22:00
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

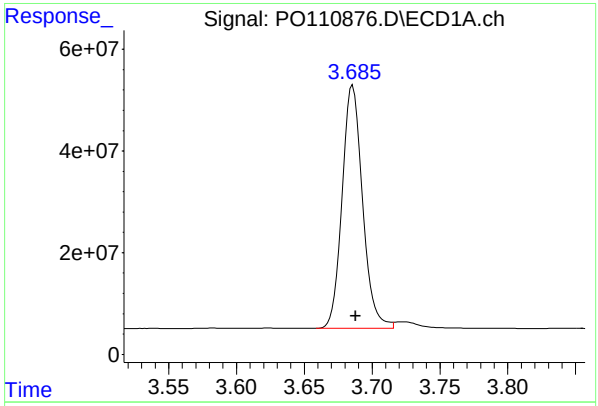
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:30:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



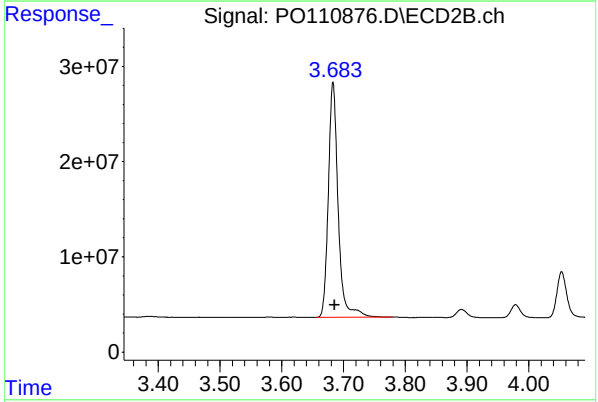




#1 Tetrachloro-m-xylene

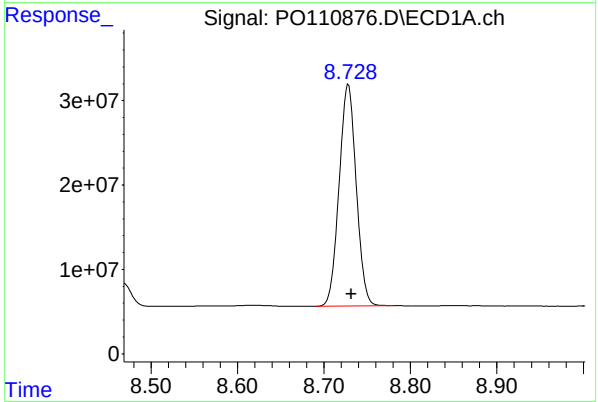
R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 499478443
Conc: 57.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



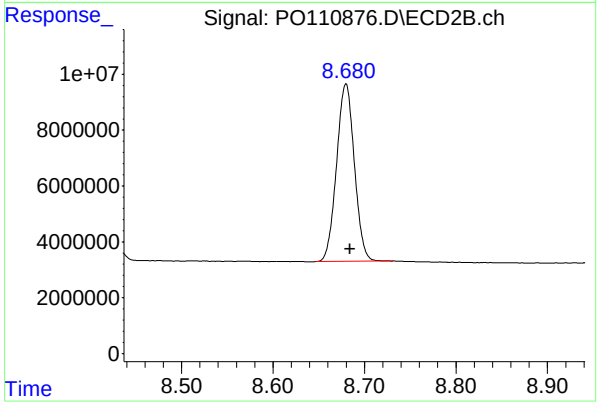
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 271771274
Conc: 54.47 ng/ml



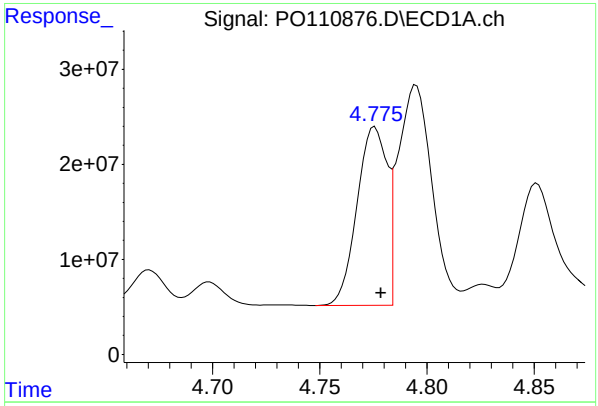
#2 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: -0.003 min
Response: 359460567
Conc: 45.53 ng/ml



#2 Decachlorobiphenyl

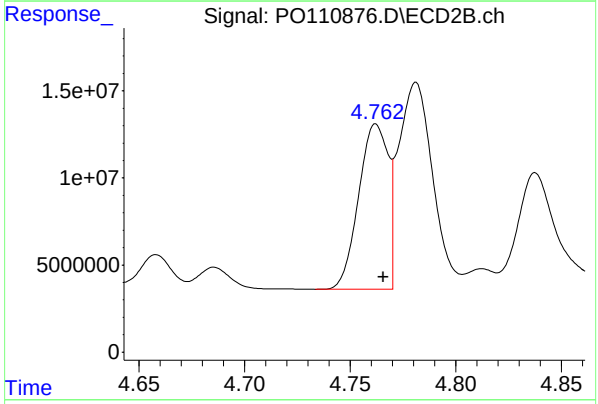
R.T.: 8.680 min
Delta R.T.: -0.004 min
Response: 86074092
Conc: 44.71 ng/ml



#3 AR-1016-1

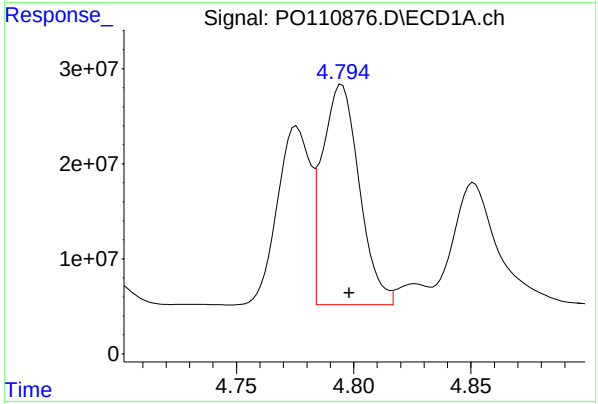
R.T.: 4.776 min
Delta R.T.: -0.003 min
Response: 183057985
Conc: 557.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



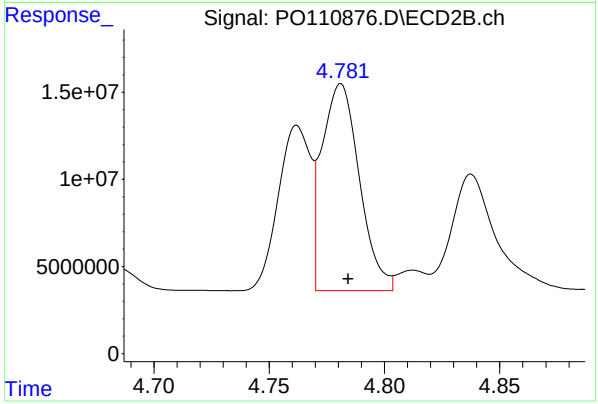
#3 AR-1016-1

R.T.: 4.762 min
Delta R.T.: -0.004 min
Response: 92137906
Conc: 524.97 ng/ml



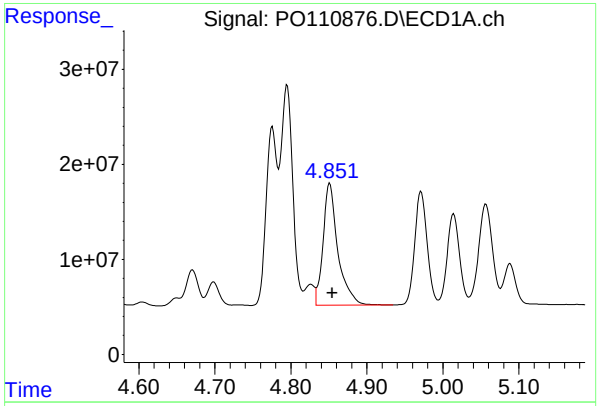
#4 AR-1016-2

R.T.: 4.795 min
Delta R.T.: -0.003 min
Response: 254685072
Conc: 559.81 ng/ml



#4 AR-1016-2

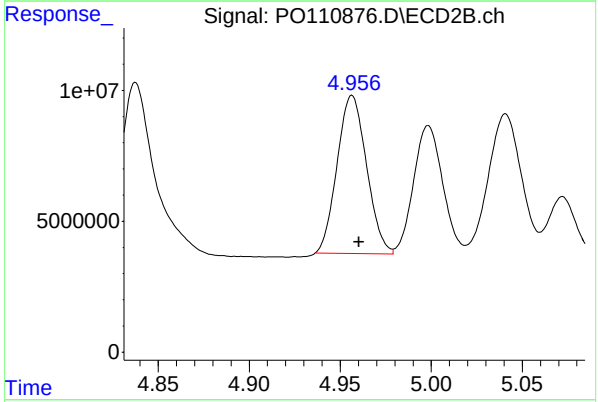
R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 133771660
Conc: 531.97 ng/ml



#5 AR-1016-3

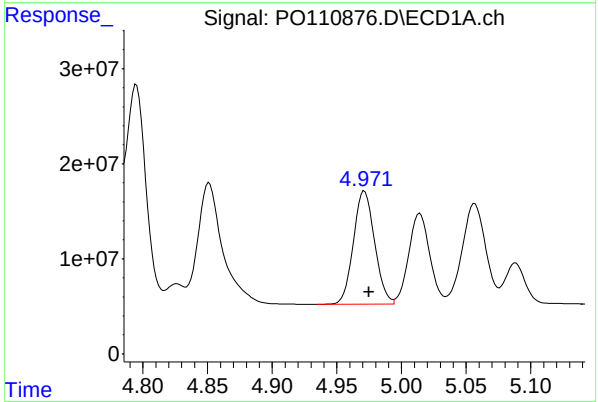
R.T.: 4.851 min
Delta R.T.: -0.003 min
Response: 173750579
Conc: 538.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



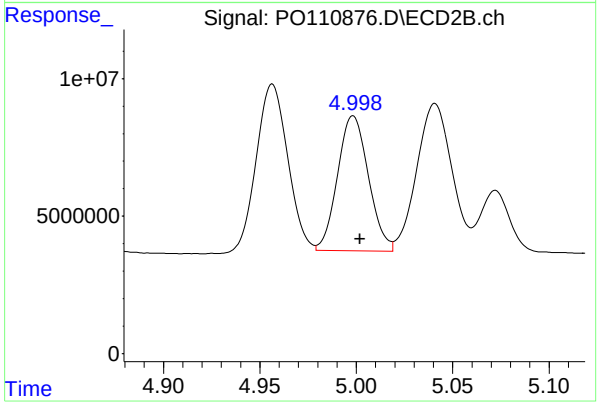
#5 AR-1016-3

R.T.: 4.957 min
Delta R.T.: -0.004 min
Response: 67890056
Conc: 500.25 ng/ml



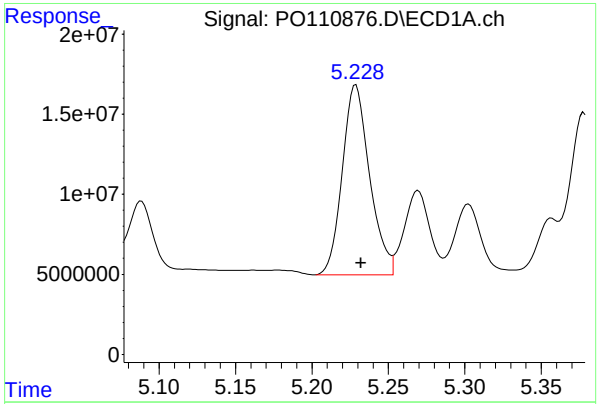
#6 AR-1016-4

R.T.: 4.971 min
Delta R.T.: -0.004 min
Response: 135953924
Conc: 545.64 ng/ml



#6 AR-1016-4

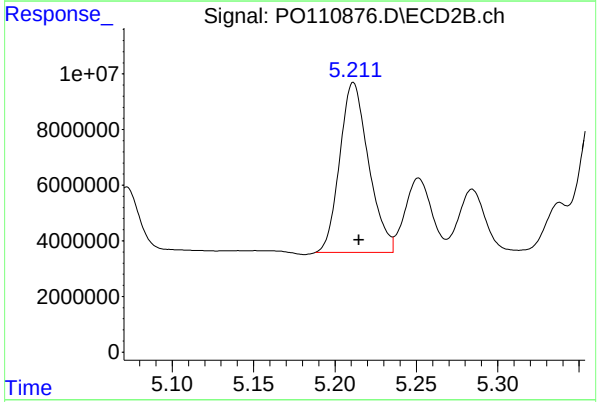
R.T.: 4.998 min
Delta R.T.: -0.003 min
Response: 55068706
Conc: 481.51 ng/ml



#7 AR-1016-5

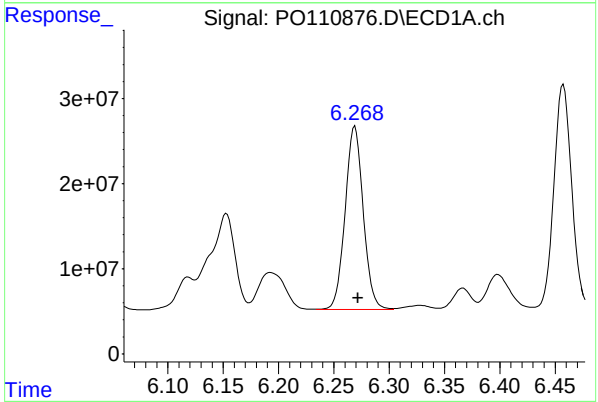
R.T.: 5.229 min
Delta R.T.: -0.003 min
Response: 148274147
Conc: 551.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



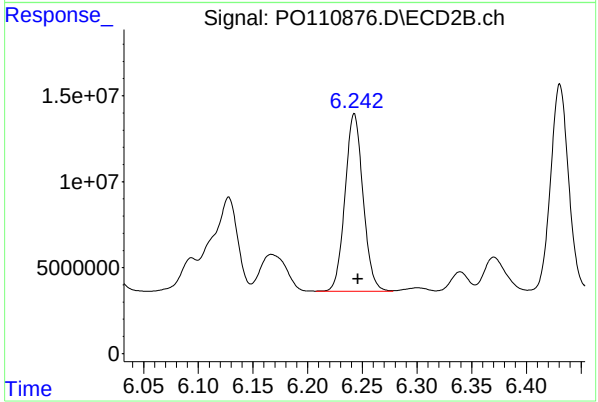
#7 AR-1016-5

R.T.: 5.211 min
Delta R.T.: -0.003 min
Response: 75409145
Conc: 505.85 ng/ml



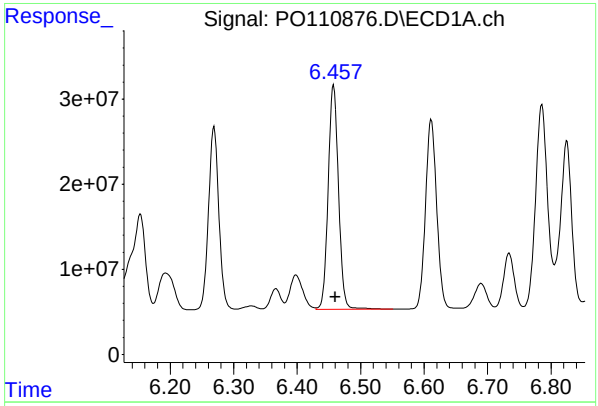
#31 AR-1260-1

R.T.: 6.269 min
Delta R.T.: -0.003 min
Response: 244953010
Conc: 518.48 ng/ml



#31 AR-1260-1

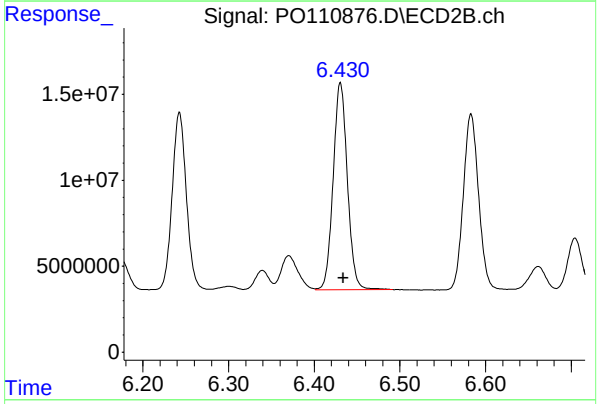
R.T.: 6.243 min
Delta R.T.: -0.003 min
Response: 118749055
Conc: 482.79 ng/ml



#32 AR-1260-2

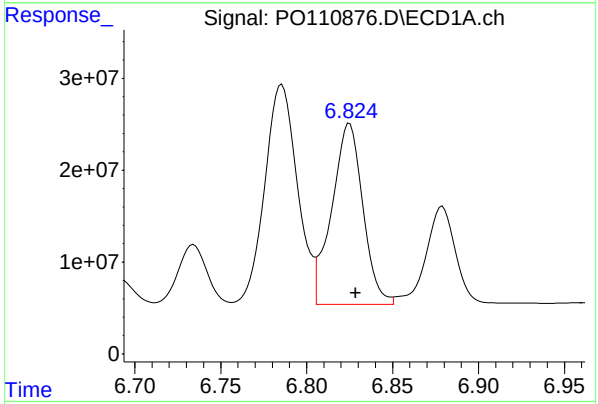
R.T.: 6.457 min
Delta R.T.: -0.003 min
Response: 299587994
Conc: 510.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



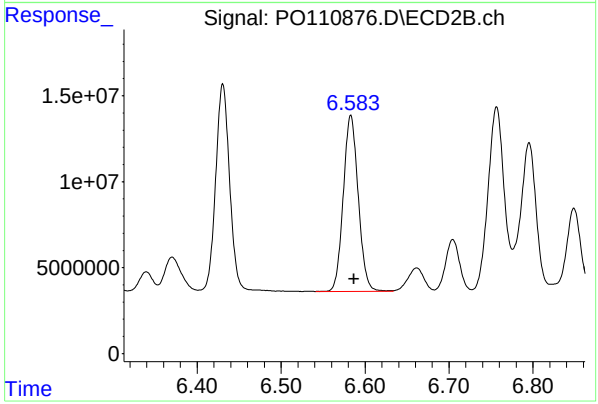
#32 AR-1260-2

R.T.: 6.431 min
Delta R.T.: -0.003 min
Response: 138773515
Conc: 475.66 ng/ml



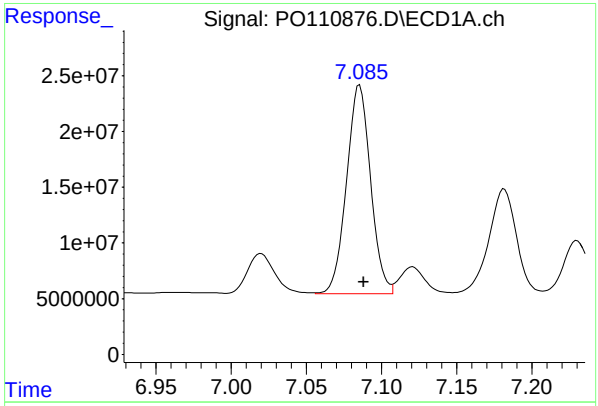
#33 AR-1260-3

R.T.: 6.825 min
Delta R.T.: -0.004 min
Response: 248239126
Conc: 503.66 ng/ml



#33 AR-1260-3

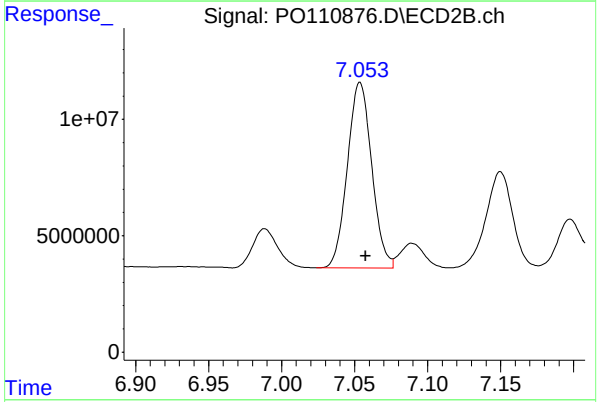
R.T.: 6.583 min
Delta R.T.: -0.004 min
Response: 126792119
Conc: 468.07 ng/ml



#34 AR-1260-4

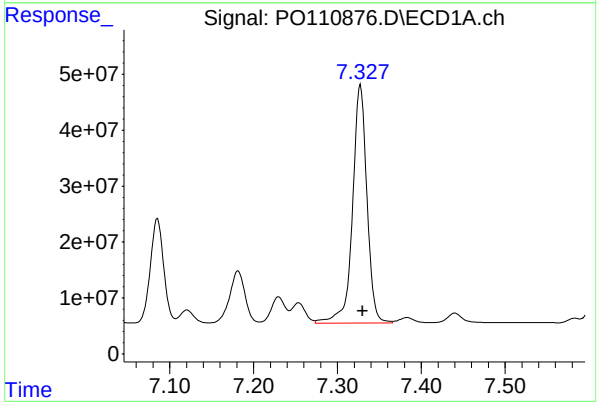
R.T.: 7.085 min
Delta R.T.: -0.003 min
Response: 208335687
Conc: 490.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



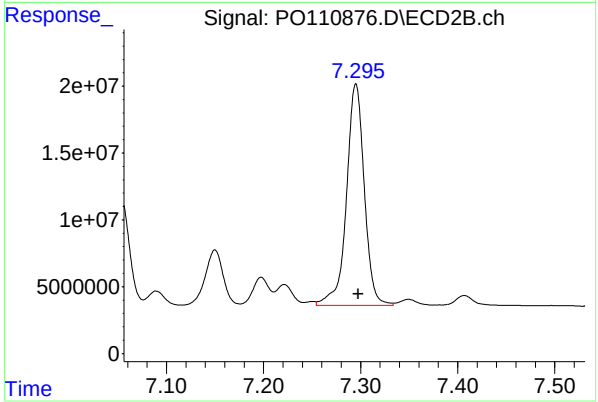
#34 AR-1260-4

R.T.: 7.054 min
Delta R.T.: -0.004 min
Response: 92522218
Conc: 461.14 ng/ml



#35 AR-1260-5

R.T.: 7.327 min
Delta R.T.: -0.003 min
Response: 511199541
Conc: 489.90 ng/ml



#35 AR-1260-5

R.T.: 7.295 min
Delta R.T.: -0.002 min
Response: 211868453
Conc: 461.73 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1883 **SAS No.:** Q1883 **SDG NO.:** Q1883

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/22/2025 04/22/2025

Continuing Calib Time: 10:33 **Initial Calibration Time(s):** 10:29 17:49

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)	5.66	5.67	5.57	5.77	0.01
Aroclor-1016-2	(2)	5.69	5.69	5.59	5.79	0.01
Aroclor-1016-3	(3)	5.75	5.75	5.65	5.85	0.00
Aroclor-1016-4	(4)	5.84	5.85	5.75	5.95	0.01
Aroclor-1016-5	(5)	6.14	6.15	6.05	6.25	0.01
Aroclor-1260-1	(1)	7.26	7.27	7.17	7.37	0.01
Aroclor-1260-2	(2)	7.51	7.52	7.42	7.62	0.01
Aroclor-1260-3	(3)	7.87	7.88	7.78	7.98	0.01
Aroclor-1260-4	(4)	8.09	8.10	8.00	8.20	0.01
Aroclor-1260-5	(5)	8.41	8.42	8.32	8.52	0.01
Tetrachloro-m-xylene		4.51	4.52	4.42	4.62	0.01
Decachlorobiphenyl		10.23	10.24	10.14	10.34	0.01

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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1883 **SAS No.:** Q1883 **SDG NO.:** Q1883

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/22/2025 04/22/2025

Continuing Calib Time: 10:33 **Initial Calibration Time(s):** 10:29 17:49

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)	4.89	4.90	4.80	5.00	0.01
Aroclor-1016-2	(2)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-3	(3)	5.09	5.09	4.99	5.19	0.00
Aroclor-1016-4	(4)	5.13	5.14	5.04	5.24	0.01
Aroclor-1016-5	(5)	5.34	5.35	5.25	5.45	0.01
Aroclor-1260-1	(1)	6.38	6.39	6.29	6.49	0.01
Aroclor-1260-2	(2)	6.57	6.57	6.47	6.67	0.00
Aroclor-1260-3	(3)	6.72	6.73	6.63	6.83	0.01
Aroclor-1260-4	(4)	7.19	7.20	7.10	7.30	0.01
Aroclor-1260-5	(5)	7.43	7.44	7.34	7.54	0.01
Tetrachloro-m-xylene		3.81	3.81	3.71	3.91	0.00
Decachlorobiphenyl		8.84	8.85	8.75	8.95	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1883 **SAS No.:** Q1883 **SDG NO.:** Q1883

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/22/2025 04/22/2025

Client Sample No.: CCAL03 **Date Analyzed:** 04/29/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071599.D **Time Analyzed:** 10:33

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.663	5.571	5.771	514.370	500.000	2.9
Aroclor-1016-2	5.685	5.593	5.793	504.710	500.000	0.9
Aroclor-1016-3	5.747	5.654	5.854	510.290	500.000	2.1
Aroclor-1016-4	5.844	5.752	5.952	520.150	500.000	4.0
Aroclor-1016-5	6.137	6.045	6.245	506.180	500.000	1.2
Aroclor-1260-1	7.256	7.165	7.365	529.010	500.000	5.8
Aroclor-1260-2	7.509	7.418	7.618	515.870	500.000	3.2
Aroclor-1260-3	7.868	7.777	7.977	531.680	500.000	6.3
Aroclor-1260-4	8.092	8.002	8.202	513.780	500.000	2.8
Aroclor-1260-5	8.412	8.322	8.522	529.980	500.000	6.0
Decachlorobiphenyl	10.225	10.137	10.337	54.140	50.000	8.3
Tetrachloro-m-xylene	4.510	4.417	4.617	50.740	50.000	1.5

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CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1883 **SAS No.:** Q1883 **SDG NO.:** Q1883

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/22/2025 04/22/2025

Client Sample No.: CCAL03 **Date Analyzed:** 04/29/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071599.D **Time Analyzed:** 10:33

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.892	4.798	4.998	525.310	500.000	5.1
Aroclor-1016-2	4.911	4.816	5.016	530.190	500.000	6.0
Aroclor-1016-3	5.088	4.993	5.193	543.770	500.000	8.8
Aroclor-1016-4	5.130	5.036	5.236	528.260	500.000	5.7
Aroclor-1016-5	5.344	5.250	5.450	571.750	500.000	14.4
Aroclor-1260-1	6.378	6.285	6.485	556.170	500.000	11.2
Aroclor-1260-2	6.566	6.473	6.673	550.380	500.000	10.1
Aroclor-1260-3	6.720	6.627	6.827	543.580	500.000	8.7
Aroclor-1260-4	7.190	7.098	7.298	548.770	500.000	9.8
Aroclor-1260-5	7.432	7.339	7.539	538.670	500.000	7.7
Decachlorobiphenyl	8.840	8.749	8.949	53.370	50.000	6.7
Tetrachloro-m-xylene	3.808	3.712	3.912	56.790	50.000	13.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071599.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 10:33
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:21:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.510	3.808	100.6E6	79992653	50.742	56.787
2)	SA Decachlor...	10.225	8.840	78397179	46812312	54.141	53.375
	Target Compounds						
3)	L1 AR-1016-1	5.663	4.892	34488678	28121480	514.374	525.305
4)	L1 AR-1016-2	5.685	4.911	51797987	40487611	504.714	530.194
5)	L1 AR-1016-3	5.747	5.088	31458115	22952658	510.293	543.768
6)	L1 AR-1016-4	5.844	5.130	26682573	18217376	520.147	528.255
7)	L1 AR-1016-5	6.137	5.344	24417182	25412541	506.177	571.746
31)	L7 AR-1260-1	7.256	6.378	50797861	40210631	529.009	556.170
32)	L7 AR-1260-2	7.509	6.566	73808673	48136859	515.865	550.378
33)	L7 AR-1260-3	7.868	6.720	59603275	42609621	531.678	543.576
34)	L7 AR-1260-4	8.092	7.190	57987345	34633280	513.777	548.771
35)	L7 AR-1260-5	8.412	7.432	120.1E6	81219363	529.979	538.671

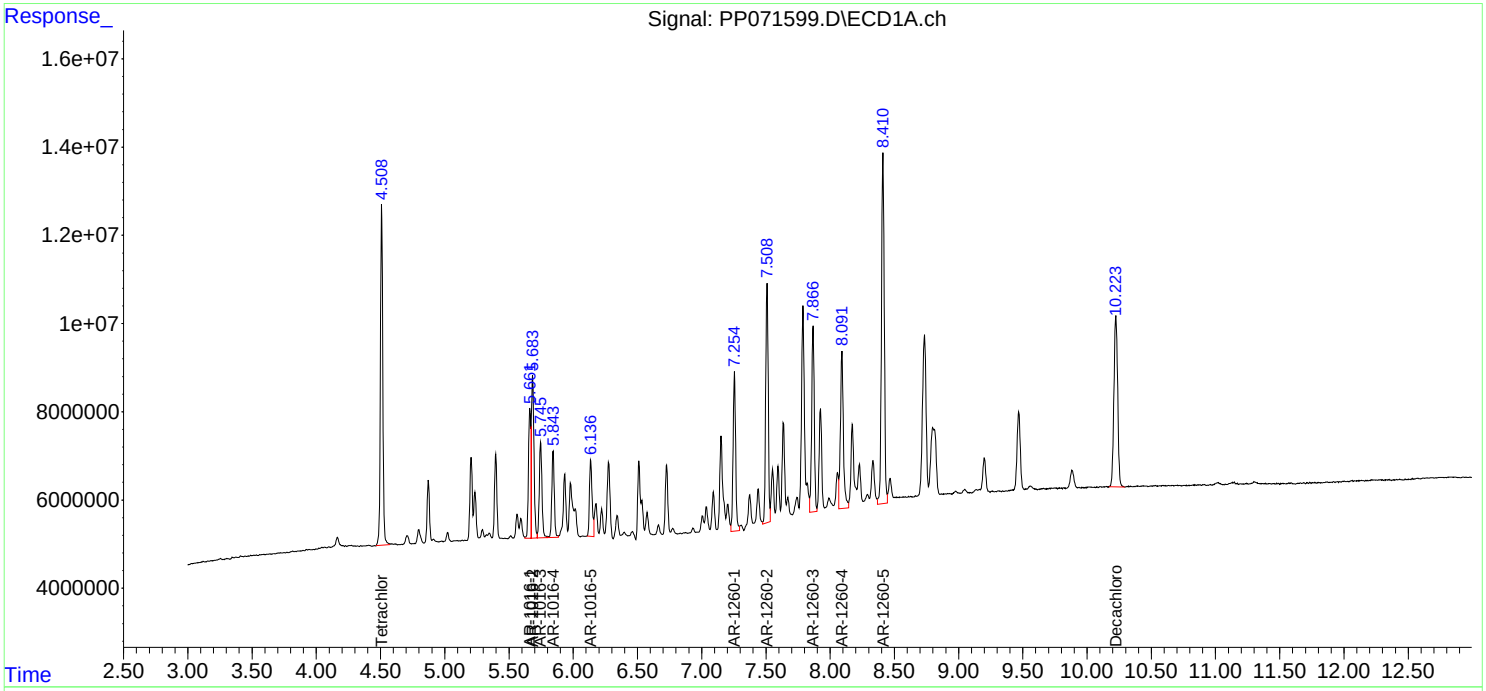
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

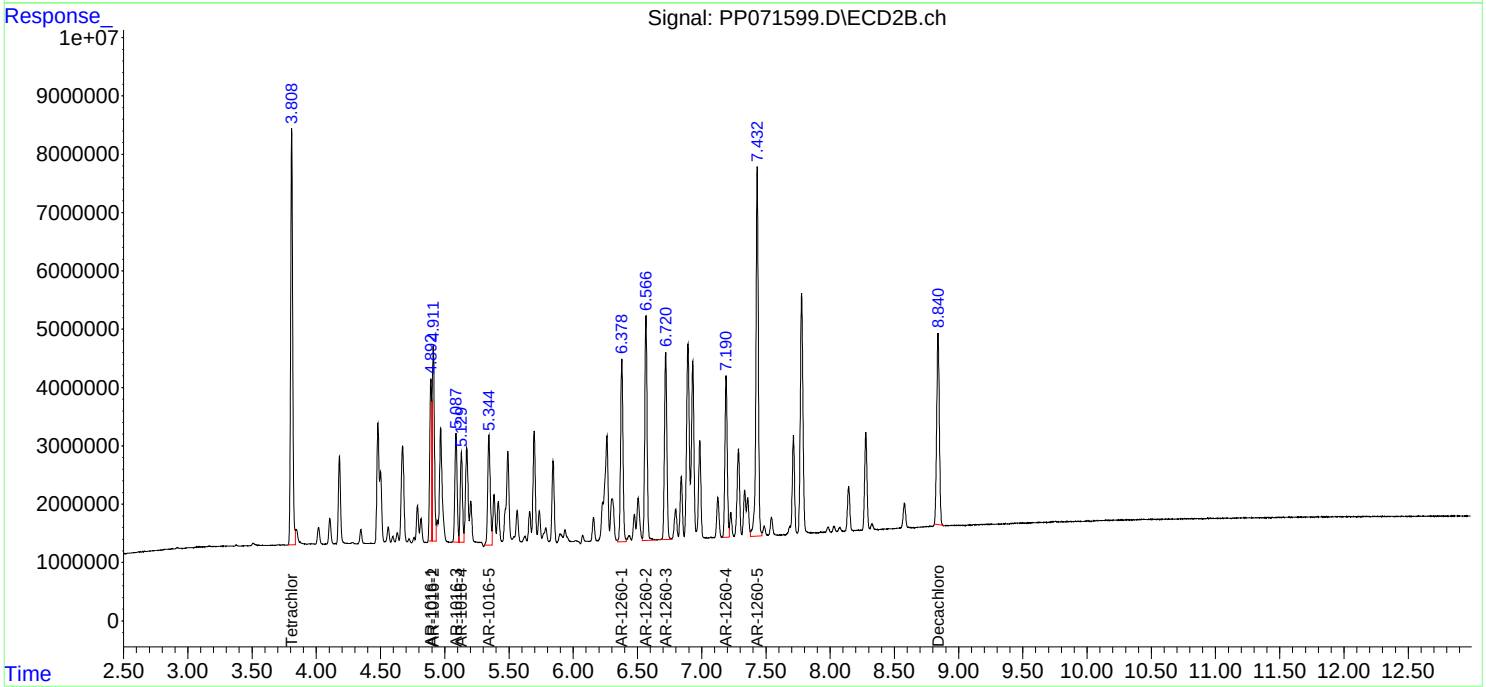
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071599.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 10:33
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

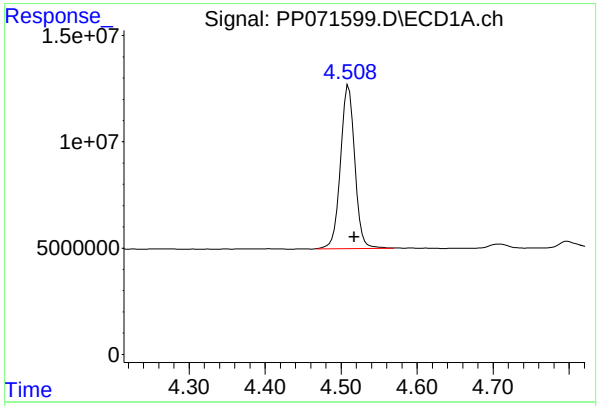
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:21:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



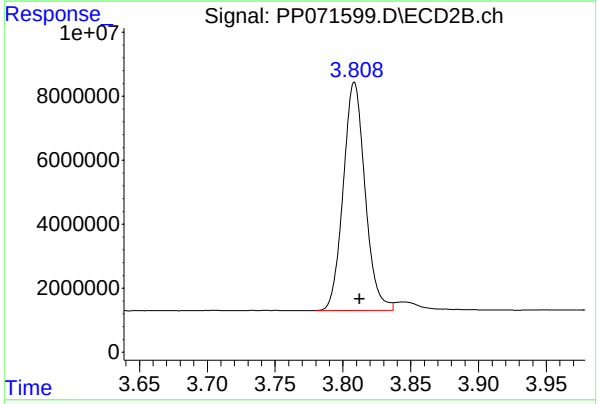




#1 Tetrachloro-m-xylene

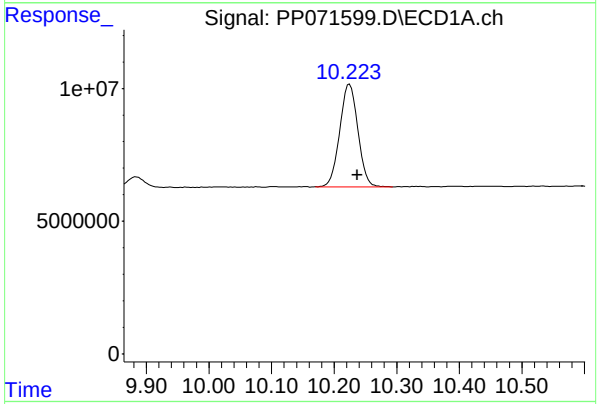
R.T.: 4.510 min
Delta R.T.: -0.007 min
Response: 100602059
Conc: 50.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



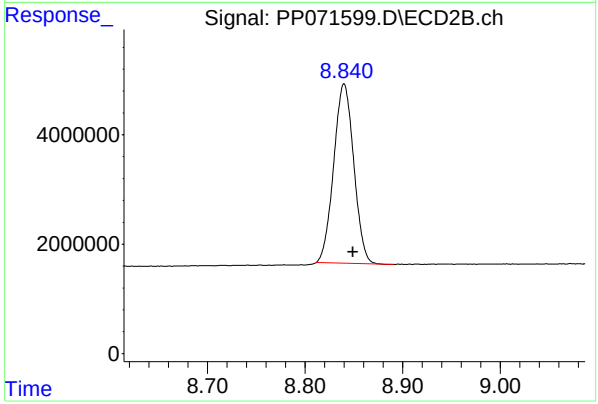
#1 Tetrachloro-m-xylene

R.T.: 3.808 min
Delta R.T.: -0.004 min
Response: 79992653
Conc: 56.79 ng/ml



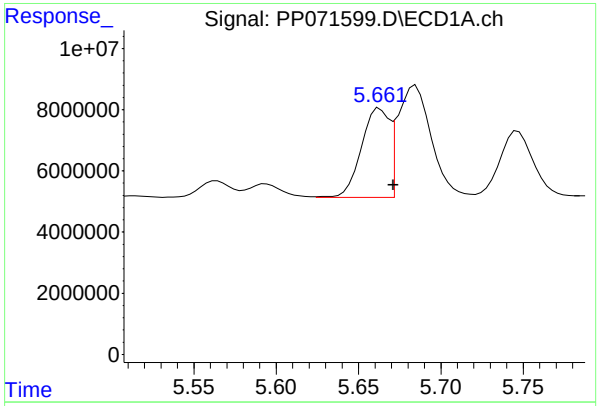
#2 Decachlorobiphenyl

R.T.: 10.225 min
Delta R.T.: -0.013 min
Response: 78397179
Conc: 54.14 ng/ml



#2 Decachlorobiphenyl

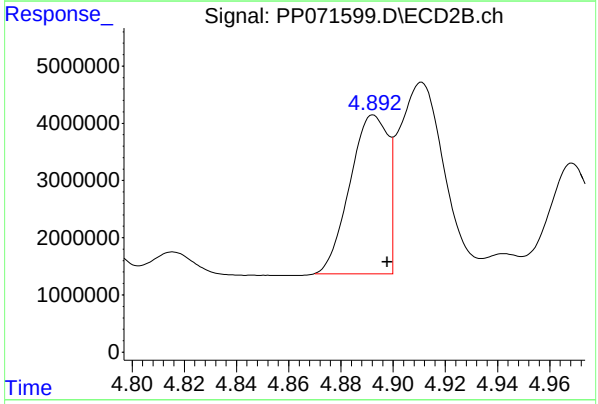
R.T.: 8.840 min
Delta R.T.: -0.009 min
Response: 46812312
Conc: 53.37 ng/ml



#3 AR-1016-1

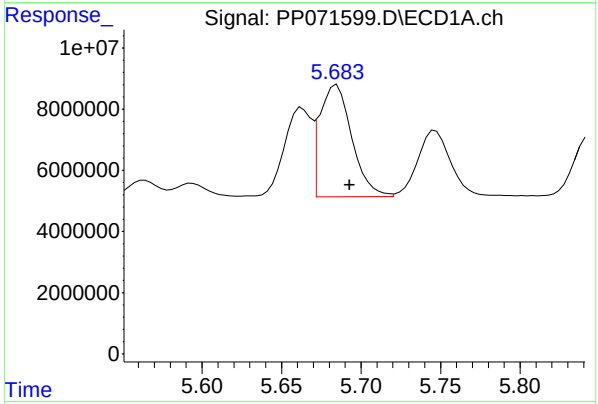
R.T.: 5.663 min
Delta R.T.: -0.008 min
Response: 34488678
Conc: 514.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



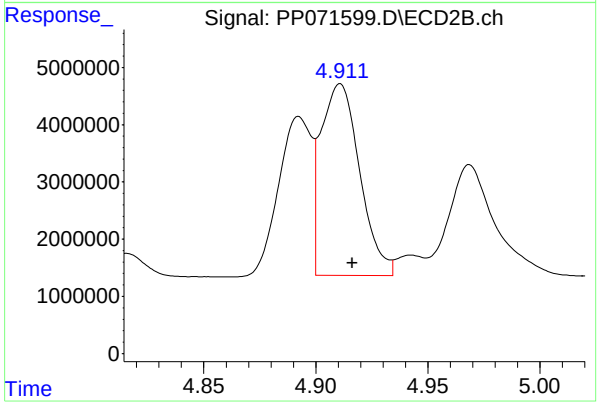
#3 AR-1016-1

R.T.: 4.892 min
Delta R.T.: -0.005 min
Response: 28121480
Conc: 525.31 ng/ml



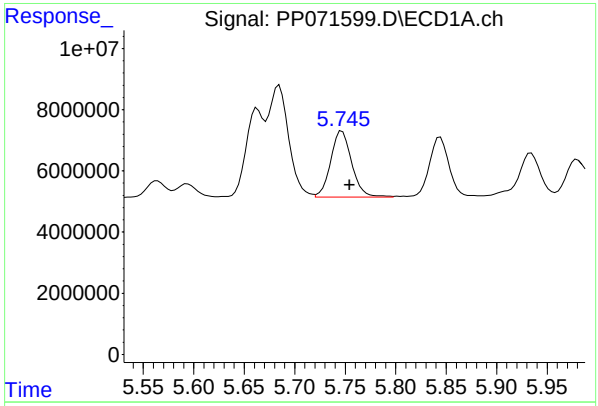
#4 AR-1016-2

R.T.: 5.685 min
Delta R.T.: -0.008 min
Response: 51797987
Conc: 504.71 ng/ml



#4 AR-1016-2

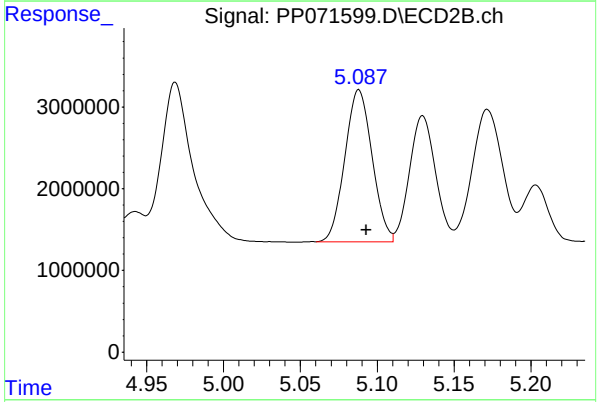
R.T.: 4.911 min
Delta R.T.: -0.005 min
Response: 40487611
Conc: 530.19 ng/ml



#5 AR-1016-3

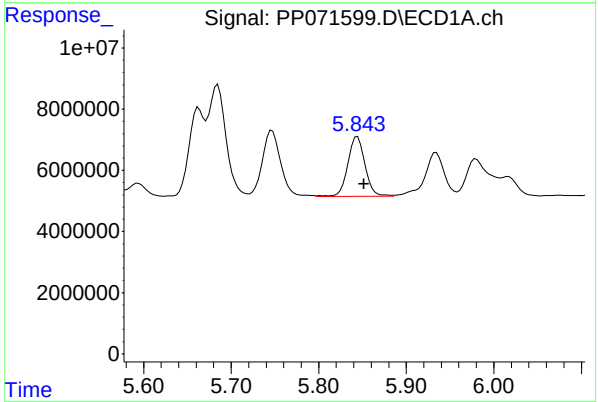
R.T.: 5.747 min
Delta R.T.: -0.008 min
Response: 31458115
Conc: 510.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



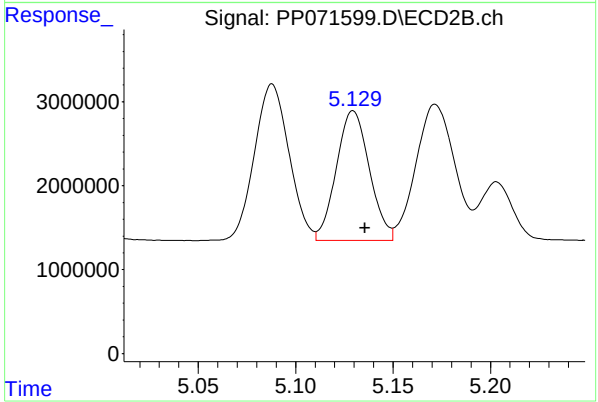
#5 AR-1016-3

R.T.: 5.088 min
Delta R.T.: -0.005 min
Response: 22952658
Conc: 543.77 ng/ml



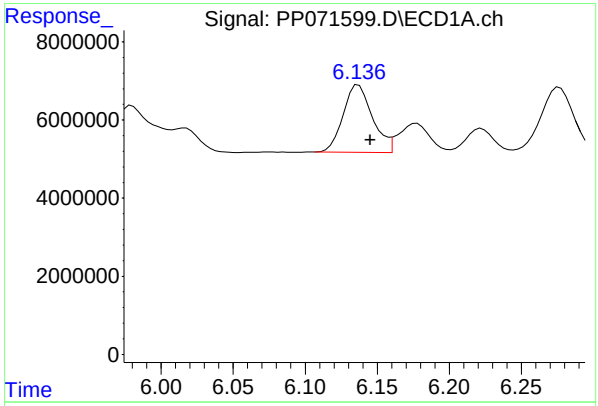
#6 AR-1016-4

R.T.: 5.844 min
Delta R.T.: -0.008 min
Response: 26682573
Conc: 520.15 ng/ml



#6 AR-1016-4

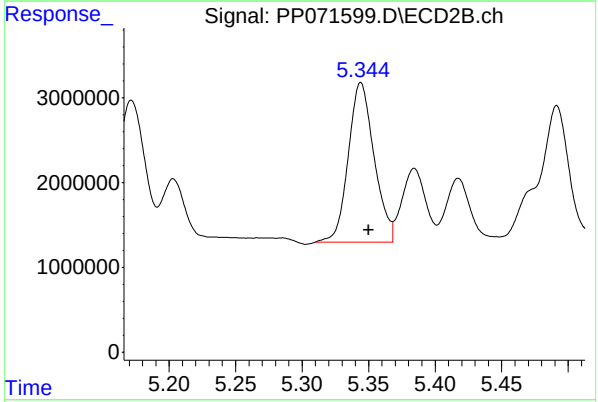
R.T.: 5.130 min
Delta R.T.: -0.006 min
Response: 18217376
Conc: 528.26 ng/ml



#7 AR-1016-5

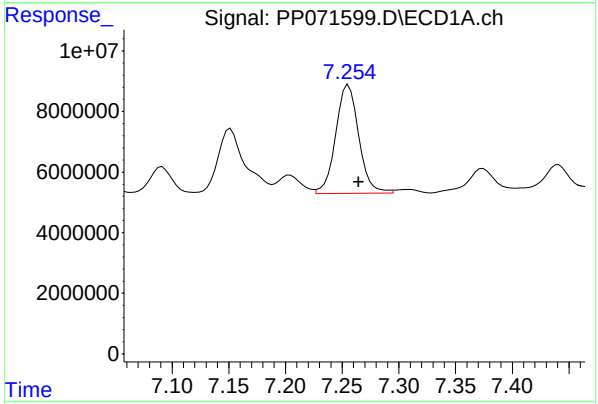
R.T.: 6.137 min
Delta R.T.: -0.008 min
Response: 24417182
Conc: 506.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



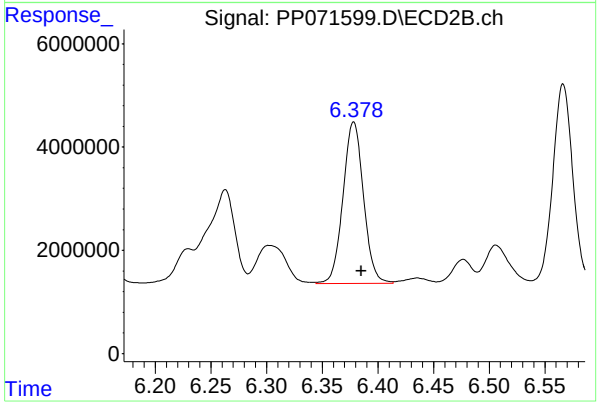
#7 AR-1016-5

R.T.: 5.344 min
Delta R.T.: -0.006 min
Response: 25412541
Conc: 571.75 ng/ml



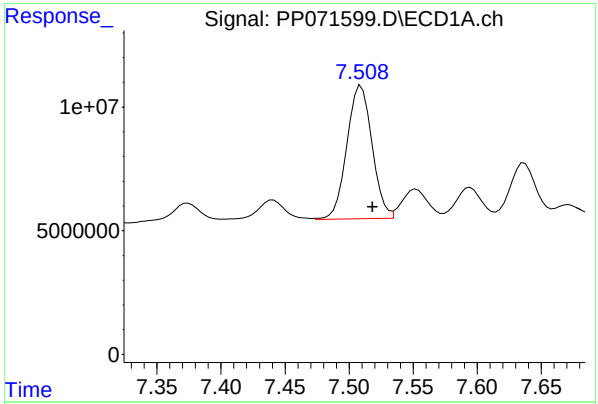
#31 AR-1260-1

R.T.: 7.256 min
Delta R.T.: -0.009 min
Response: 50797861
Conc: 529.01 ng/ml



#31 AR-1260-1

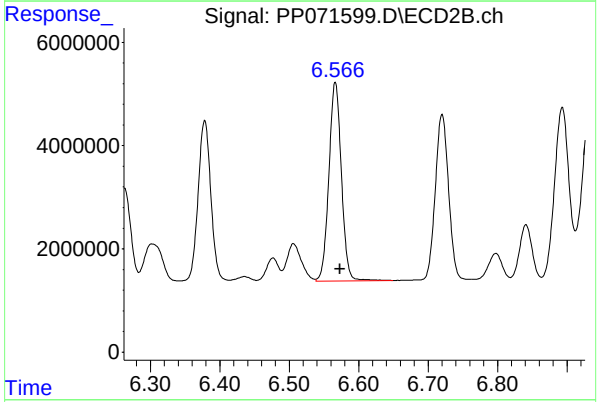
R.T.: 6.378 min
Delta R.T.: -0.007 min
Response: 40210631
Conc: 556.17 ng/ml



#32 AR-1260-2

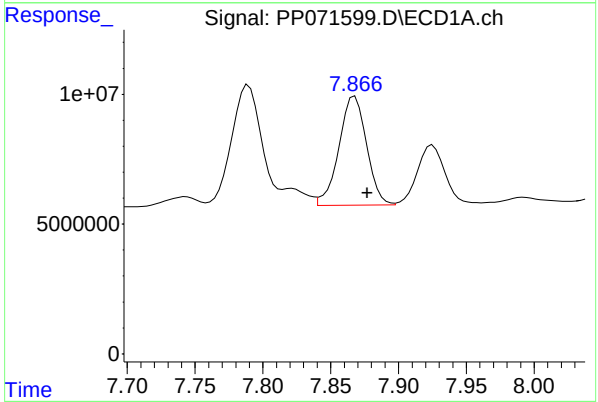
R.T.: 7.509 min
Delta R.T.: -0.009 min
Response: 73808673
Conc: 515.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



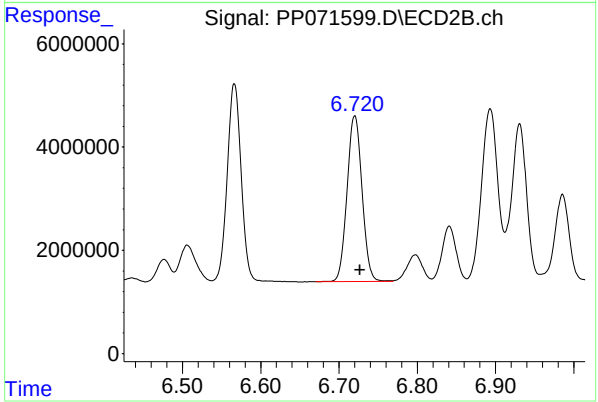
#32 AR-1260-2

R.T.: 6.566 min
Delta R.T.: -0.007 min
Response: 48136859
Conc: 550.38 ng/ml



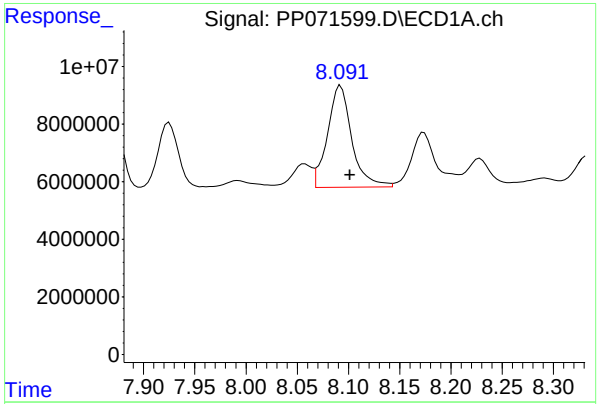
#33 AR-1260-3

R.T.: 7.868 min
Delta R.T.: -0.009 min
Response: 59603275
Conc: 531.68 ng/ml



#33 AR-1260-3

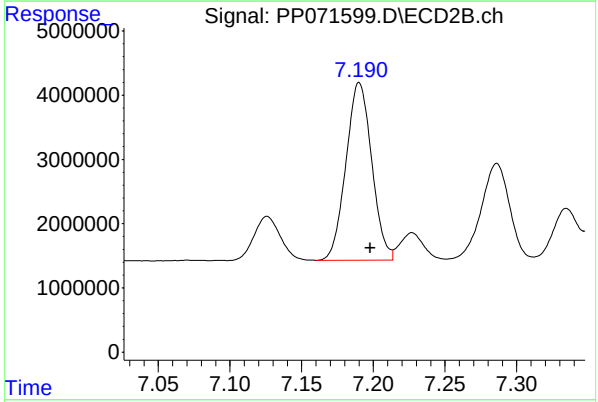
R.T.: 6.720 min
Delta R.T.: -0.007 min
Response: 42609621
Conc: 543.58 ng/ml



#34 AR-1260-4

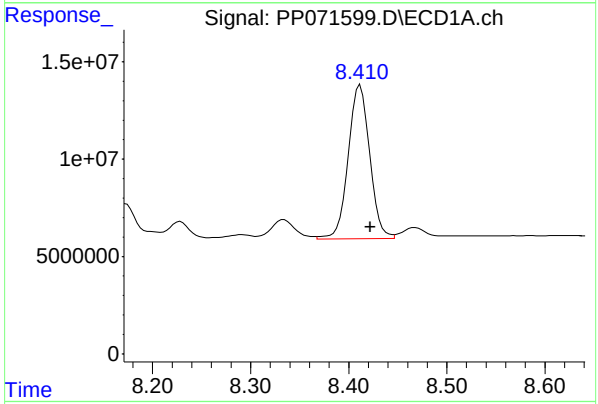
R.T.: 8.092 min
Delta R.T.: -0.009 min
Response: 57987345
Conc: 513.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



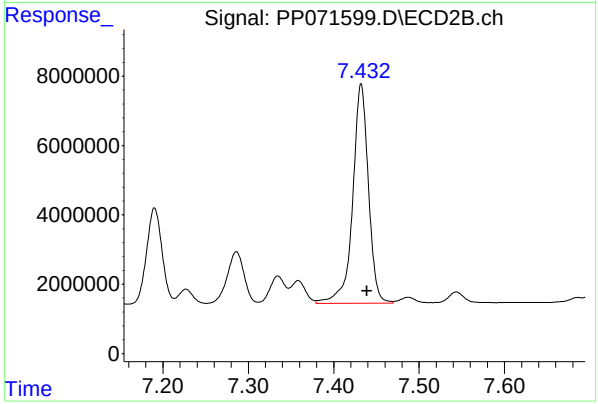
#34 AR-1260-4

R.T.: 7.190 min
Delta R.T.: -0.008 min
Response: 34633280
Conc: 548.77 ng/ml



#35 AR-1260-5

R.T.: 8.412 min
Delta R.T.: -0.010 min
Response: 120079146
Conc: 529.98 ng/ml



#35 AR-1260-5

R.T.: 7.432 min
Delta R.T.: -0.007 min
Response: 81219363
Conc: 538.67 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1883 **SAS No.:** Q1883 **SDG NO.:** Q1883

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/22/2025 04/22/2025

Continuing Calib Time: 16:29 **Initial Calibration Time(s):** 10:29 17:49

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)	5.67	5.67	5.57	5.77	0.01
Aroclor-1016-2	(2)	5.69	5.69	5.59	5.79	0.00
Aroclor-1016-3	(3)	5.75	5.75	5.65	5.85	0.00
Aroclor-1016-4	(4)	5.85	5.85	5.75	5.95	0.00
Aroclor-1016-5	(5)	6.14	6.15	6.05	6.25	0.01
Aroclor-1260-1	(1)	7.26	7.27	7.17	7.37	0.01
Aroclor-1260-2	(2)	7.51	7.52	7.42	7.62	0.01
Aroclor-1260-3	(3)	7.87	7.88	7.78	7.98	0.01
Aroclor-1260-4	(4)	8.10	8.10	8.00	8.20	0.00
Aroclor-1260-5	(5)	8.42	8.42	8.32	8.52	0.01
Tetrachloro-m-xylene		4.51	4.52	4.42	4.62	0.01
Decachlorobiphenyl		10.23	10.24	10.14	10.34	0.01

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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1883 **SAS No.:** Q1883 **SDG NO.:** Q1883

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/22/2025 04/22/2025

Continuing Calib Time: 16:29 **Initial Calibration Time(s):** 10:29 17:49

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.90	4.90	4.80	5.00	0.01
Aroclor-1016-2	(2)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-3	(3)	5.09	5.09	4.99	5.19	0.00
Aroclor-1016-4	(4)	5.13	5.14	5.04	5.24	0.01
Aroclor-1016-5	(5)	5.35	5.35	5.25	5.45	0.00
Aroclor-1260-1	(1)	6.38	6.39	6.29	6.49	0.01
Aroclor-1260-2	(2)	6.57	6.57	6.47	6.67	0.00
Aroclor-1260-3	(3)	6.72	6.73	6.63	6.83	0.01
Aroclor-1260-4	(4)	7.19	7.20	7.10	7.30	0.01
Aroclor-1260-5	(5)	7.44	7.44	7.34	7.54	0.01
Tetrachloro-m-xylene		3.81	3.81	3.71	3.91	0.00
Decachlorobiphenyl		8.84	8.85	8.75	8.95	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1883 **SAS No.:** Q1883 **SDG NO.:** Q1883

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/22/2025 04/22/2025

Client Sample No.: CCAL04 **Date Analyzed:** 04/29/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071614.D **Time Analyzed:** 16:29

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.665	5.571	5.771	519.380	500.000	3.9
Aroclor-1016-2	5.688	5.593	5.793	509.990	500.000	2.0
Aroclor-1016-3	5.750	5.654	5.854	509.200	500.000	1.8
Aroclor-1016-4	5.847	5.752	5.952	513.170	500.000	2.6
Aroclor-1016-5	6.140	6.045	6.245	520.600	500.000	4.1
Aroclor-1260-1	7.259	7.165	7.365	536.190	500.000	7.2
Aroclor-1260-2	7.512	7.418	7.618	518.580	500.000	3.7
Aroclor-1260-3	7.870	7.777	7.977	532.700	500.000	6.5
Aroclor-1260-4	8.095	8.002	8.202	515.410	500.000	3.1
Aroclor-1260-5	8.415	8.322	8.522	534.510	500.000	6.9
Decachlorobiphenyl	10.230	10.137	10.337	54.370	50.000	8.7
Tetrachloro-m-xylene	4.512	4.417	4.617	51.110	50.000	2.2

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1883 **SAS No.:** Q1883 **SDG NO.:** Q1883

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/22/2025 04/22/2025

Client Sample No.: CCAL04 **Date Analyzed:** 04/29/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071614.D **Time Analyzed:** 16:29

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.895	4.798	4.998	517.640	500.000	3.5
Aroclor-1016-2	4.914	4.816	5.016	516.230	500.000	3.2
Aroclor-1016-3	5.090	4.993	5.193	534.980	500.000	7.0
Aroclor-1016-4	5.132	5.036	5.236	540.310	500.000	8.1
Aroclor-1016-5	5.347	5.250	5.450	579.870	500.000	16.0
Aroclor-1260-1	6.381	6.285	6.485	542.610	500.000	8.5
Aroclor-1260-2	6.569	6.473	6.673	540.120	500.000	8.0
Aroclor-1260-3	6.722	6.627	6.827	523.900	500.000	4.8
Aroclor-1260-4	7.193	7.098	7.298	538.880	500.000	7.8
Aroclor-1260-5	7.435	7.339	7.539	527.470	500.000	5.5
Decachlorobiphenyl	8.844	8.749	8.949	54.370	50.000	8.7
Tetrachloro-m-xylene	3.810	3.712	3.912	50.630	50.000	1.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071614.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 16:29
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:26:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.512	3.810	101.3E6	71321929	51.106	50.632
2)	SA Decachlor...	10.230	8.844	78726516	47683889	54.369	54.368
	Target Compounds						
3)	L1 AR-1016-1	5.665	4.895	34824581	27710878	519.384	517.635
4)	L1 AR-1016-2	5.688	4.914	52339642	39421205	509.992	516.230
5)	L1 AR-1016-3	5.750	5.090	31390912	22581579	509.203	534.977
6)	L1 AR-1016-4	5.847	5.132	26324537	18633073	513.167	540.309
7)	L1 AR-1016-5	6.140	5.347	25112947	25773732	520.601	579.872
31)	L7 AR-1260-1	7.259	6.381	51487888	39230370	536.195	542.611
32)	L7 AR-1260-2	7.512	6.569	74197686	47239393	518.584	540.117
33)	L7 AR-1260-3	7.870	6.722	59717629	41066978	532.698	523.896
34)	L7 AR-1260-4	8.095	7.193	58171776	34009135	515.411	538.881
35)	L7 AR-1260-5	8.415	7.435	121.1E6	79530384	534.513	527.469

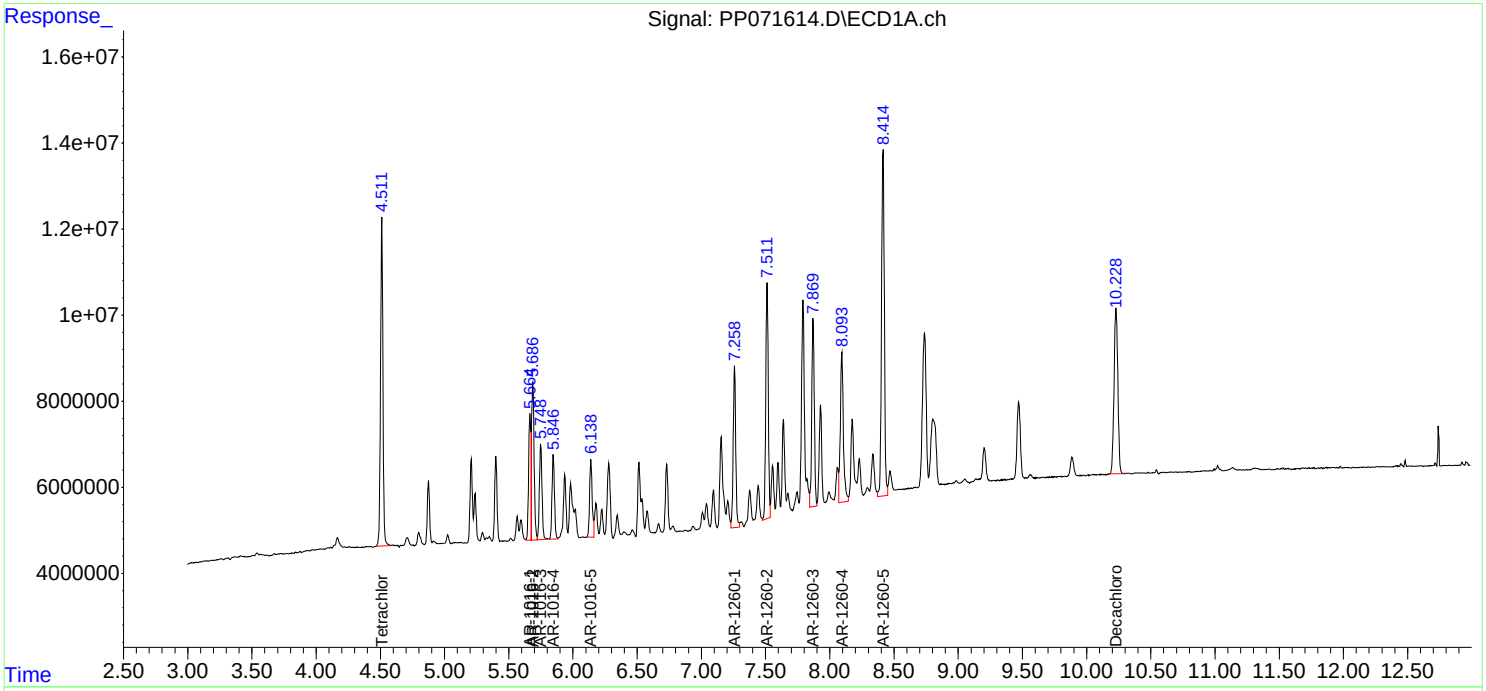
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

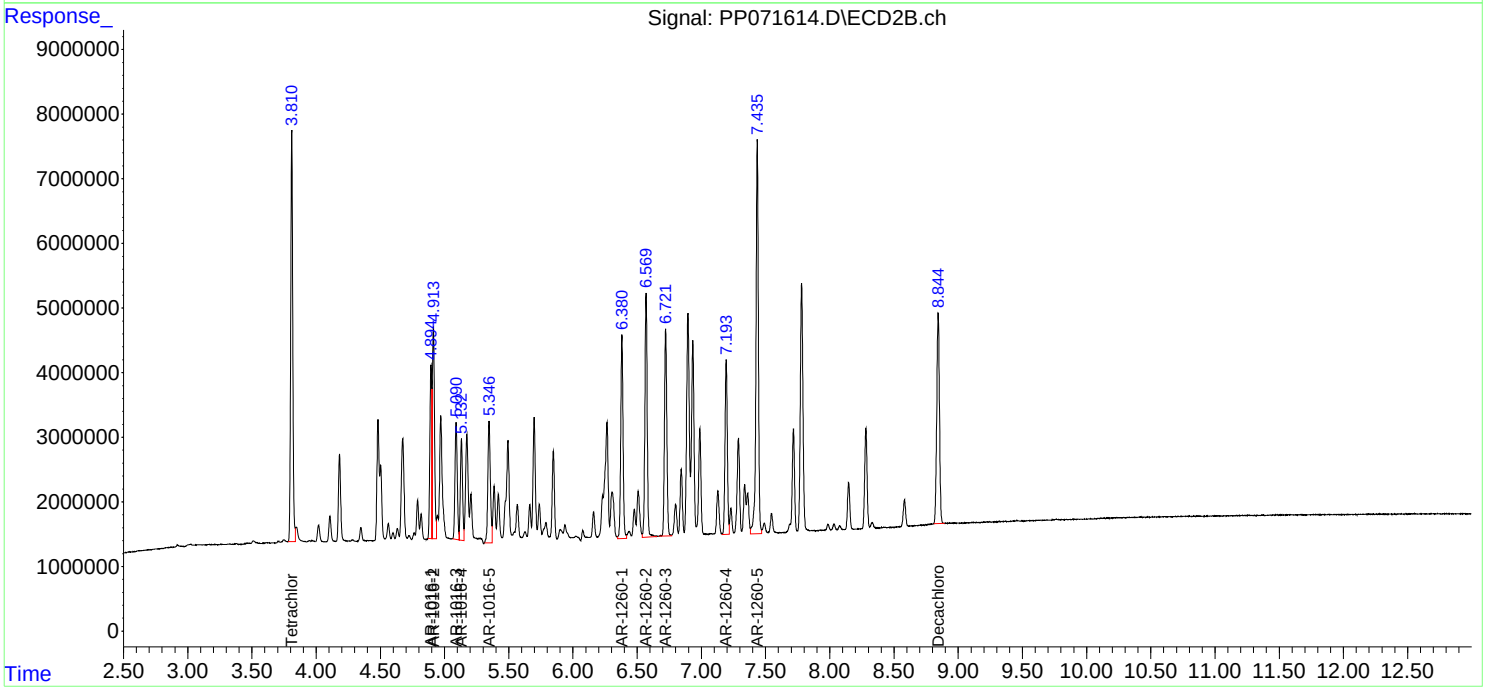
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071614.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 16:29
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

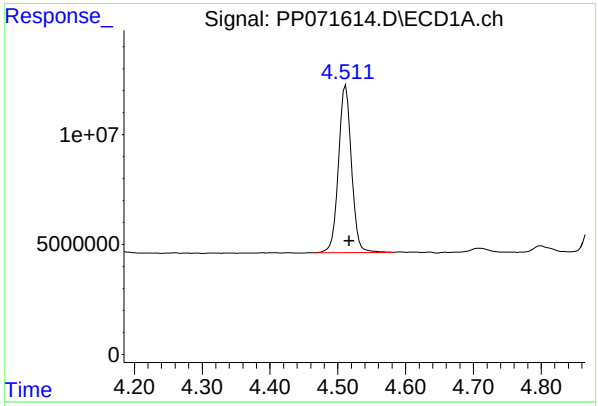
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:26:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



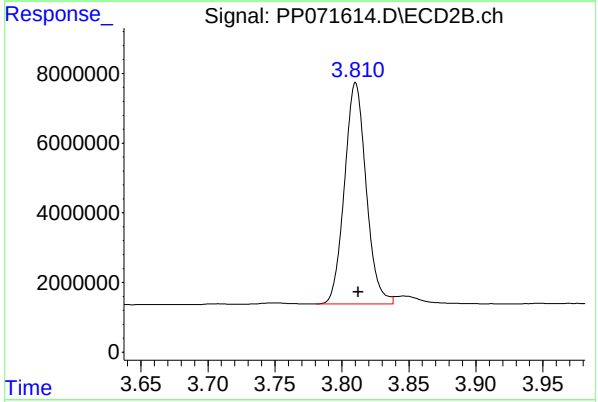




#1 Tetrachloro-m-xylene

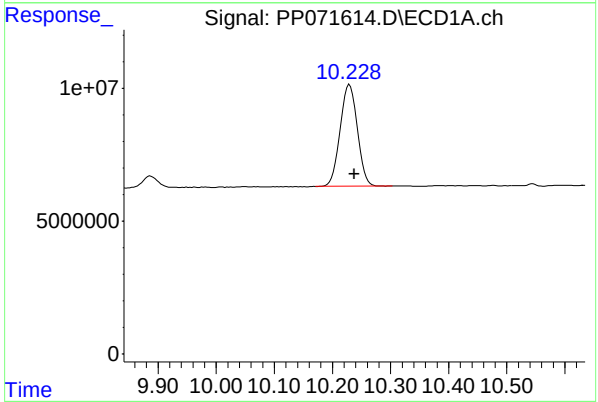
R.T.: 4.512 min
Delta R.T.: -0.005 min
Response: 101324953
Conc: 51.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



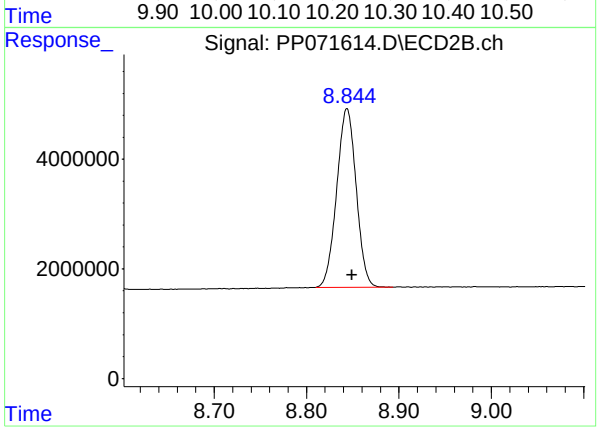
#1 Tetrachloro-m-xylene

R.T.: 3.810 min
Delta R.T.: -0.002 min
Response: 71321929
Conc: 50.63 ng/ml



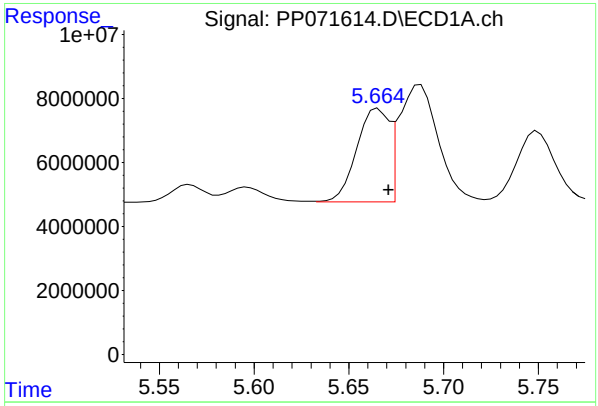
#2 Decachlorobiphenyl

R.T.: 10.230 min
Delta R.T.: -0.008 min
Response: 78726516
Conc: 54.37 ng/ml



#2 Decachlorobiphenyl

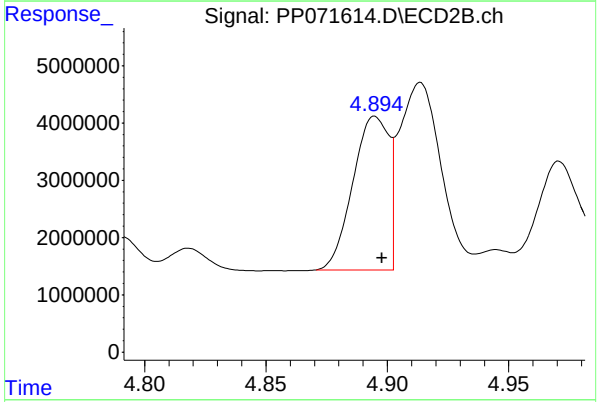
R.T.: 8.844 min
Delta R.T.: -0.005 min
Response: 47683889
Conc: 54.37 ng/ml



#3 AR-1016-1

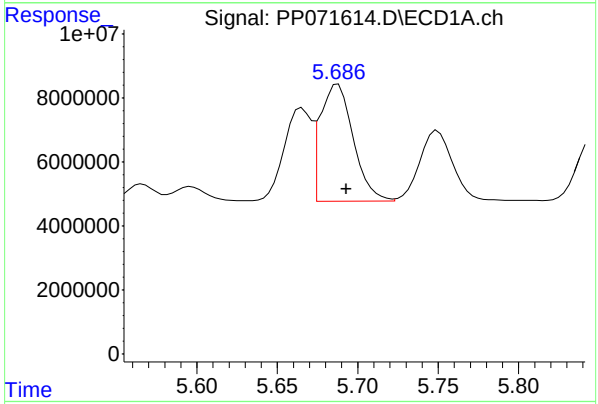
R.T.: 5.665 min
Delta R.T.: -0.006 min
Response: 34824581
Conc: 519.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



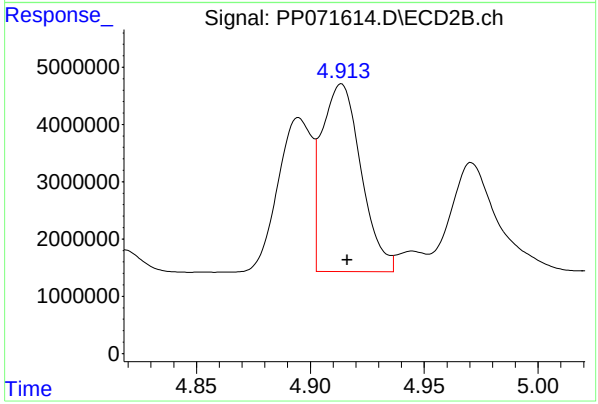
#3 AR-1016-1

R.T.: 4.895 min
Delta R.T.: -0.003 min
Response: 27710878
Conc: 517.64 ng/ml



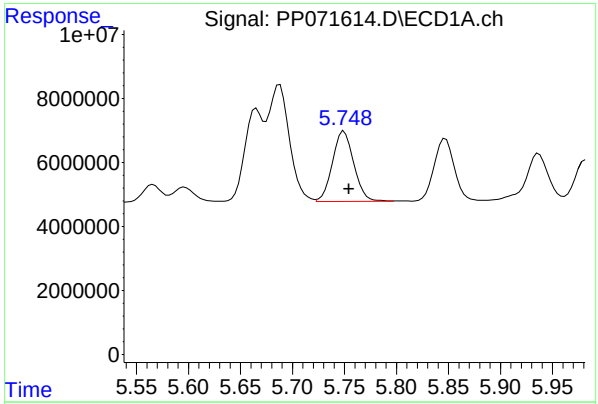
#4 AR-1016-2

R.T.: 5.688 min
Delta R.T.: -0.005 min
Response: 52339642
Conc: 509.99 ng/ml



#4 AR-1016-2

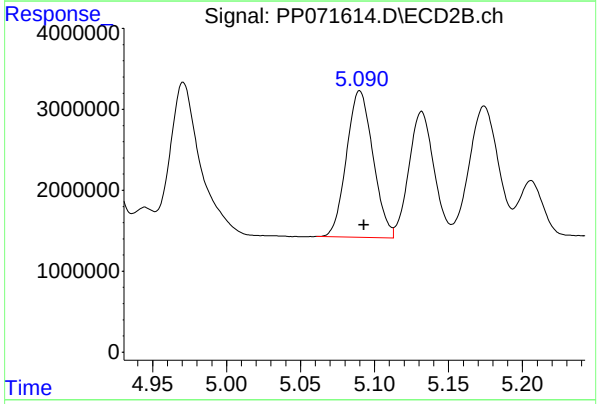
R.T.: 4.914 min
Delta R.T.: -0.003 min
Response: 39421205
Conc: 516.23 ng/ml



#5 AR-1016-3

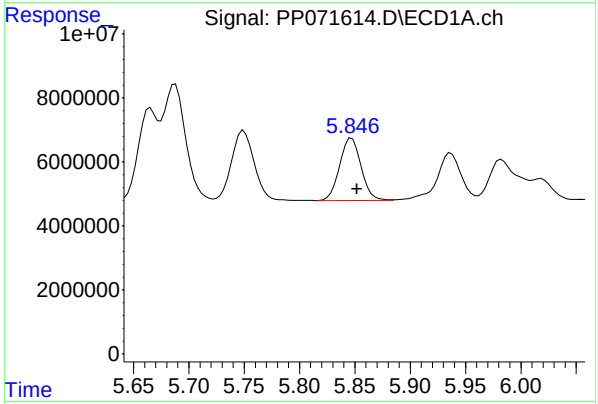
R.T.: 5.750 min
Delta R.T.: -0.005 min
Response: 31390912
Conc: 509.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



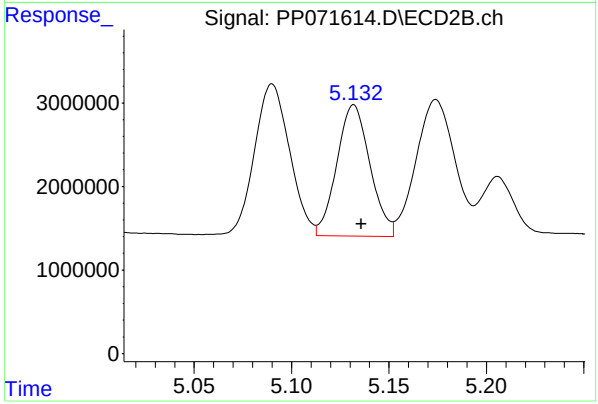
#5 AR-1016-3

R.T.: 5.090 min
Delta R.T.: -0.003 min
Response: 22581579
Conc: 534.98 ng/ml



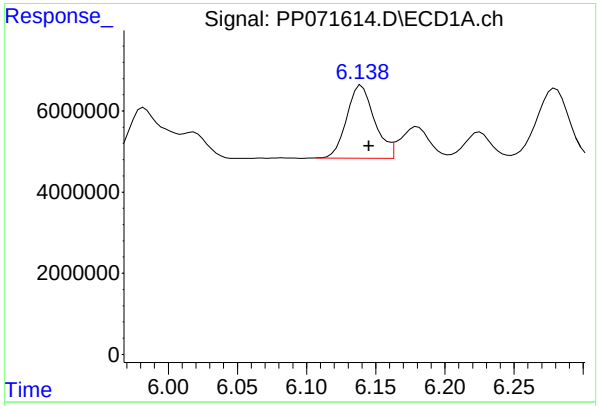
#6 AR-1016-4

R.T.: 5.847 min
Delta R.T.: -0.005 min
Response: 26324537
Conc: 513.17 ng/ml



#6 AR-1016-4

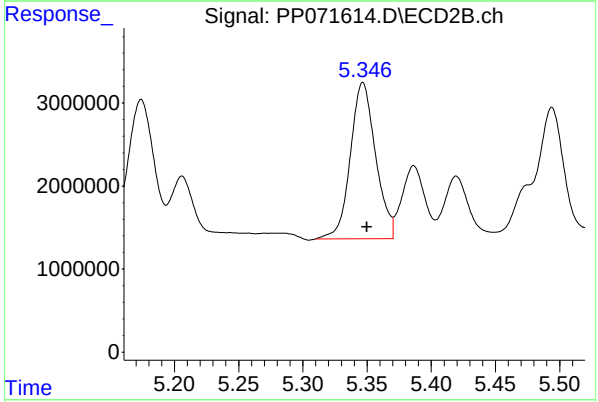
R.T.: 5.132 min
Delta R.T.: -0.004 min
Response: 18633073
Conc: 540.31 ng/ml



#7 AR-1016-5

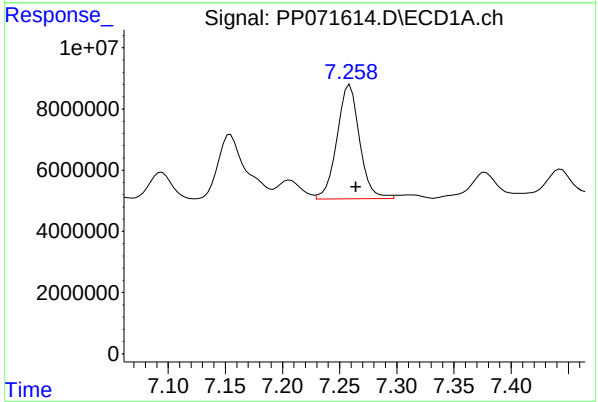
R.T.: 6.140 min
Delta R.T.: -0.005 min
Response: 25112947
Conc: 520.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



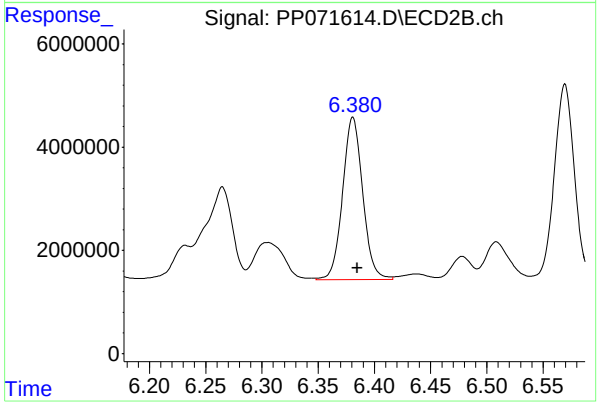
#7 AR-1016-5

R.T.: 5.347 min
Delta R.T.: -0.003 min
Response: 25773732
Conc: 579.87 ng/ml



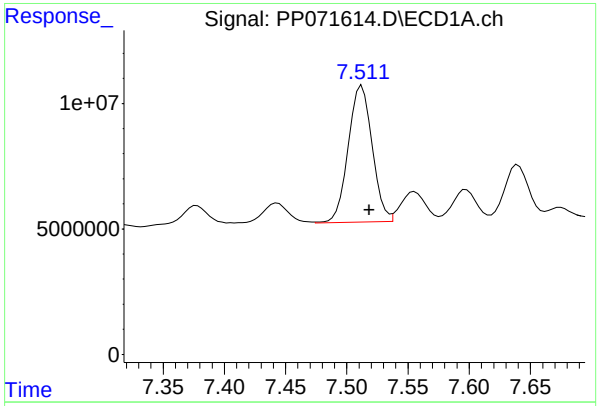
#31 AR-1260-1

R.T.: 7.259 min
Delta R.T.: -0.006 min
Response: 51487888
Conc: 536.19 ng/ml



#31 AR-1260-1

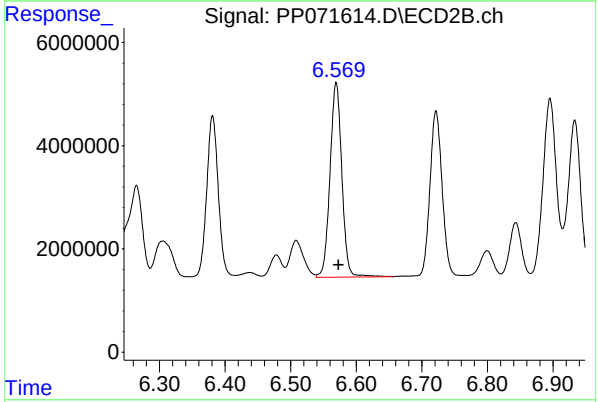
R.T.: 6.381 min
Delta R.T.: -0.004 min
Response: 39230370
Conc: 542.61 ng/ml



#32 AR-1260-2

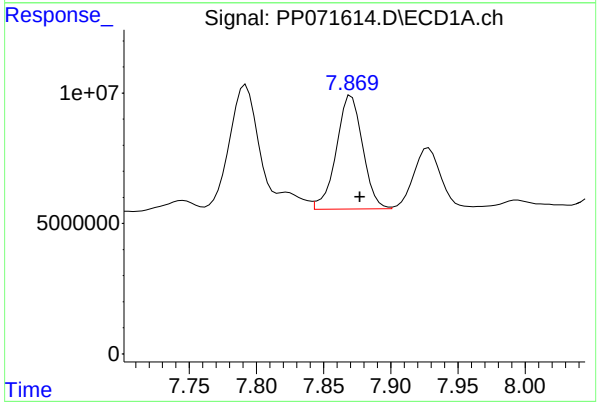
R.T.: 7.512 min
Delta R.T.: -0.006 min
Response: 74197686
Conc: 518.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



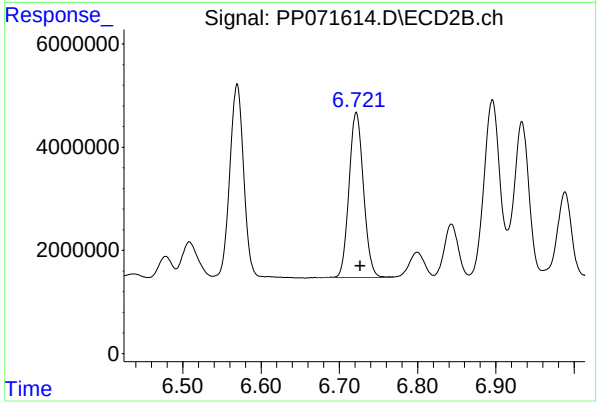
#32 AR-1260-2

R.T.: 6.569 min
Delta R.T.: -0.004 min
Response: 47239393
Conc: 540.12 ng/ml



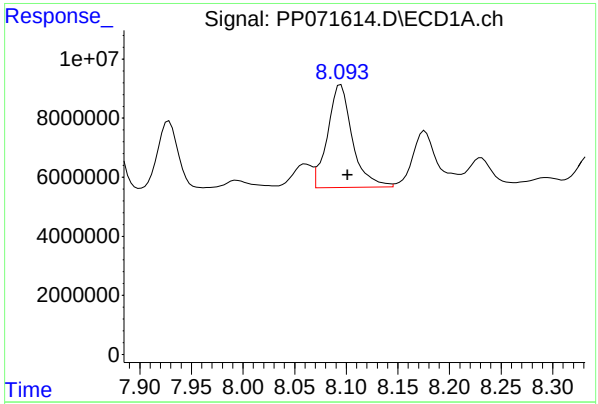
#33 AR-1260-3

R.T.: 7.870 min
Delta R.T.: -0.007 min
Response: 59717629
Conc: 532.70 ng/ml



#33 AR-1260-3

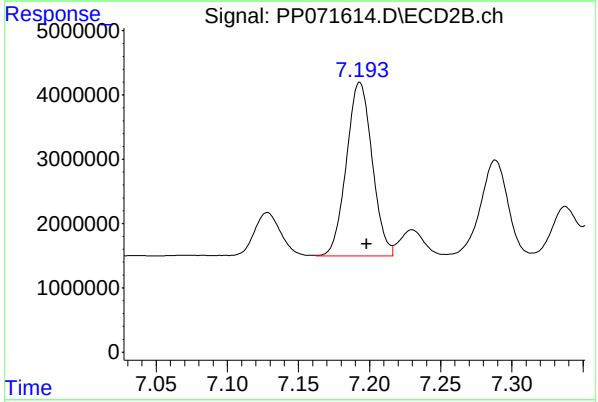
R.T.: 6.722 min
Delta R.T.: -0.005 min
Response: 41066978
Conc: 523.90 ng/ml



#34 AR-1260-4

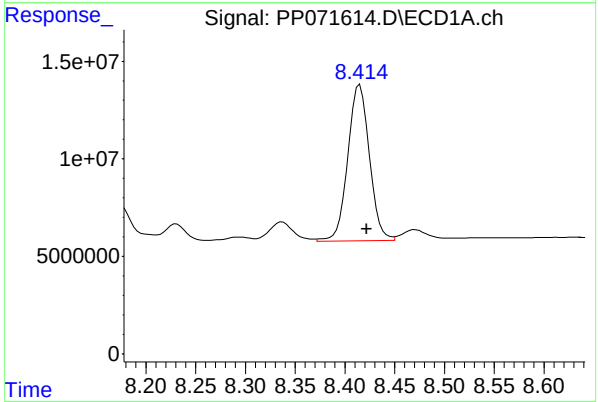
R.T.: 8.095 min
Delta R.T.: -0.007 min
Response: 58171776
Conc: 515.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



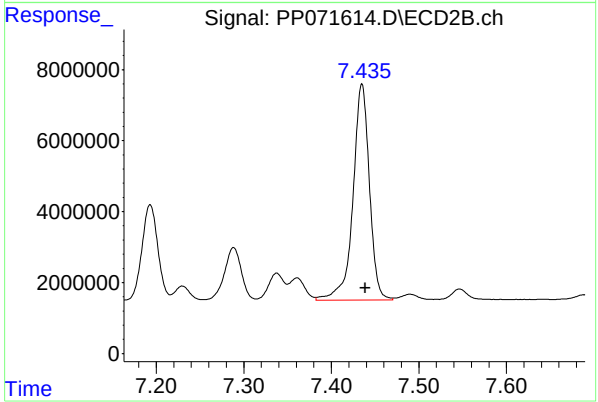
#34 AR-1260-4

R.T.: 7.193 min
Delta R.T.: -0.005 min
Response: 34009135
Conc: 538.88 ng/ml



#35 AR-1260-5

R.T.: 8.415 min
Delta R.T.: -0.007 min
Response: 121106407
Conc: 534.51 ng/ml



#35 AR-1260-5

R.T.: 7.435 min
Delta R.T.: -0.004 min
Response: 79530384
Conc: 527.47 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1883 **SAS No.:** Q1883 **SDG NO.:** Q1883

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/22/2025 04/22/2025

Continuing Calib Time: 21:55 **Initial Calibration Time(s):** 10:29 17:49

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)	5.67	5.67	5.57	5.77	0.01
Aroclor-1016-2	(2)	5.69	5.69	5.59	5.79	0.00
Aroclor-1016-3	(3)	5.75	5.75	5.65	5.85	0.00
Aroclor-1016-4	(4)	5.85	5.85	5.75	5.95	0.00
Aroclor-1016-5	(5)	6.14	6.15	6.05	6.25	0.01
Aroclor-1260-1	(1)	7.26	7.27	7.17	7.37	0.01
Aroclor-1260-2	(2)	7.51	7.52	7.42	7.62	0.01
Aroclor-1260-3	(3)	7.87	7.88	7.78	7.98	0.01
Aroclor-1260-4	(4)	8.09	8.10	8.00	8.20	0.01
Aroclor-1260-5	(5)	8.41	8.42	8.32	8.52	0.01
Tetrachloro-m-xylene		4.51	4.52	4.42	4.62	0.01
Decachlorobiphenyl		10.23	10.24	10.14	10.34	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1883 **SAS No.:** Q1883 **SDG NO.:** Q1883

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/22/2025 04/22/2025

Continuing Calib Time: 21:55 **Initial Calibration Time(s):** 10:29 17:49

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)	4.89	4.90	4.80	5.00	0.01
Aroclor-1016-2	(2)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-3	(3)	5.09	5.09	4.99	5.19	0.00
Aroclor-1016-4	(4)	5.13	5.14	5.04	5.24	0.01
Aroclor-1016-5	(5)	5.35	5.35	5.25	5.45	0.01
Aroclor-1260-1	(1)	6.38	6.39	6.29	6.49	0.01
Aroclor-1260-2	(2)	6.57	6.57	6.47	6.67	0.00
Aroclor-1260-3	(3)	6.72	6.73	6.63	6.83	0.01
Aroclor-1260-4	(4)	7.19	7.20	7.10	7.30	0.01
Aroclor-1260-5	(5)	7.43	7.44	7.34	7.54	0.01
Tetrachloro-m-xylene		3.81	3.81	3.71	3.91	0.00
Decachlorobiphenyl		8.84	8.85	8.75	8.95	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1883 **SAS No.:** Q1883 **SDG NO.:** Q1883

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/22/2025 04/22/2025

Client Sample No.: CCAL05 **Date Analyzed:** 04/29/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071629.D **Time Analyzed:** 21:55

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.665	5.571	5.771	532.730	500.000	6.5
Aroclor-1016-2	5.687	5.593	5.793	523.890	500.000	4.8
Aroclor-1016-3	5.749	5.654	5.854	524.180	500.000	4.8
Aroclor-1016-4	5.846	5.752	5.952	526.580	500.000	5.3
Aroclor-1016-5	6.139	6.045	6.245	533.550	500.000	6.7
Aroclor-1260-1	7.257	7.165	7.365	548.960	500.000	9.8
Aroclor-1260-2	7.511	7.418	7.618	534.240	500.000	6.8
Aroclor-1260-3	7.870	7.777	7.977	546.610	500.000	9.3
Aroclor-1260-4	8.094	8.002	8.202	533.340	500.000	6.7
Aroclor-1260-5	8.413	8.322	8.522	548.400	500.000	9.7
Decachlorobiphenyl	10.228	10.137	10.337	55.780	50.000	11.6
Tetrachloro-m-xylene	4.511	4.417	4.617	52.610	50.000	5.2

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1883 **SAS No.:** Q1883 **SDG NO.:** Q1883

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/22/2025 04/22/2025

Client Sample No.: CCAL05 **Date Analyzed:** 04/29/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071629.D **Time Analyzed:** 21:55

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.893	4.798	4.998	544.770	500.000	9.0
Aroclor-1016-2	4.912	4.816	5.016	551.650	500.000	10.3
Aroclor-1016-3	5.089	4.993	5.193	561.570	500.000	12.3
Aroclor-1016-4	5.130	5.036	5.236	543.490	500.000	8.7
Aroclor-1016-5	5.345	5.250	5.450	582.730	500.000	16.5
Aroclor-1260-1	6.379	6.285	6.485	545.780	500.000	9.2
Aroclor-1260-2	6.568	6.473	6.673	539.920	500.000	8.0
Aroclor-1260-3	6.721	6.627	6.827	531.780	500.000	6.4
Aroclor-1260-4	7.192	7.098	7.298	525.410	500.000	5.1
Aroclor-1260-5	7.434	7.339	7.539	525.950	500.000	5.2
Decachlorobiphenyl	8.841	8.749	8.949	54.580	50.000	9.2
Tetrachloro-m-xylene	3.809	3.712	3.912	55.200	50.000	10.4

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071629.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 21:55
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:30:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.511	3.809	104.3E6	77753116	52.606	55.197
2)	SA Decachlor...	10.228	8.841	80766515	47871251	55.778	54.582
	Target Compounds						
3)	L1 AR-1016-1	5.665	4.893	35719599	29163533	532.732	544.771
4)	L1 AR-1016-2	5.687	4.912	53766131	42126419	523.892	551.655
5)	L1 AR-1016-3	5.749	5.089	32314469	23703995	524.185	561.568
6)	L1 AR-1016-4	5.846	5.130	27012762	18742698	526.584	543.488
7)	L1 AR-1016-5	6.139	5.345	25737404	25900816	533.546	582.731
31)	L7 AR-1260-1	7.257	6.379	52713877	39459159	548.962	545.776
32)	L7 AR-1260-2	7.511	6.568	76438316	47221841	534.245	539.916
33)	L7 AR-1260-3	7.870	6.721	61276721	41684949	546.606	531.780
34)	L7 AR-1260-4	8.094	7.192	60195327	33158768	533.340	525.407
35)	L7 AR-1260-5	8.413	7.434	124.3E6	79300632	548.395	525.945

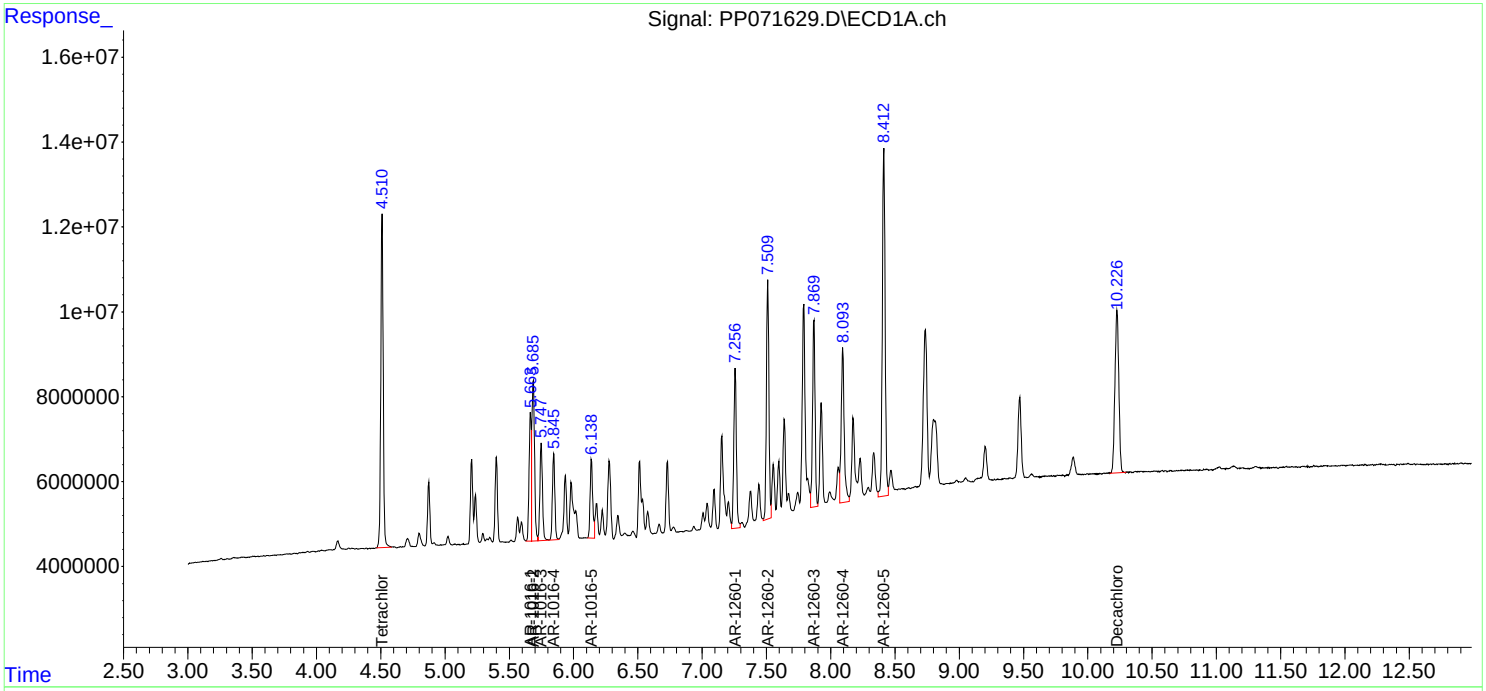
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

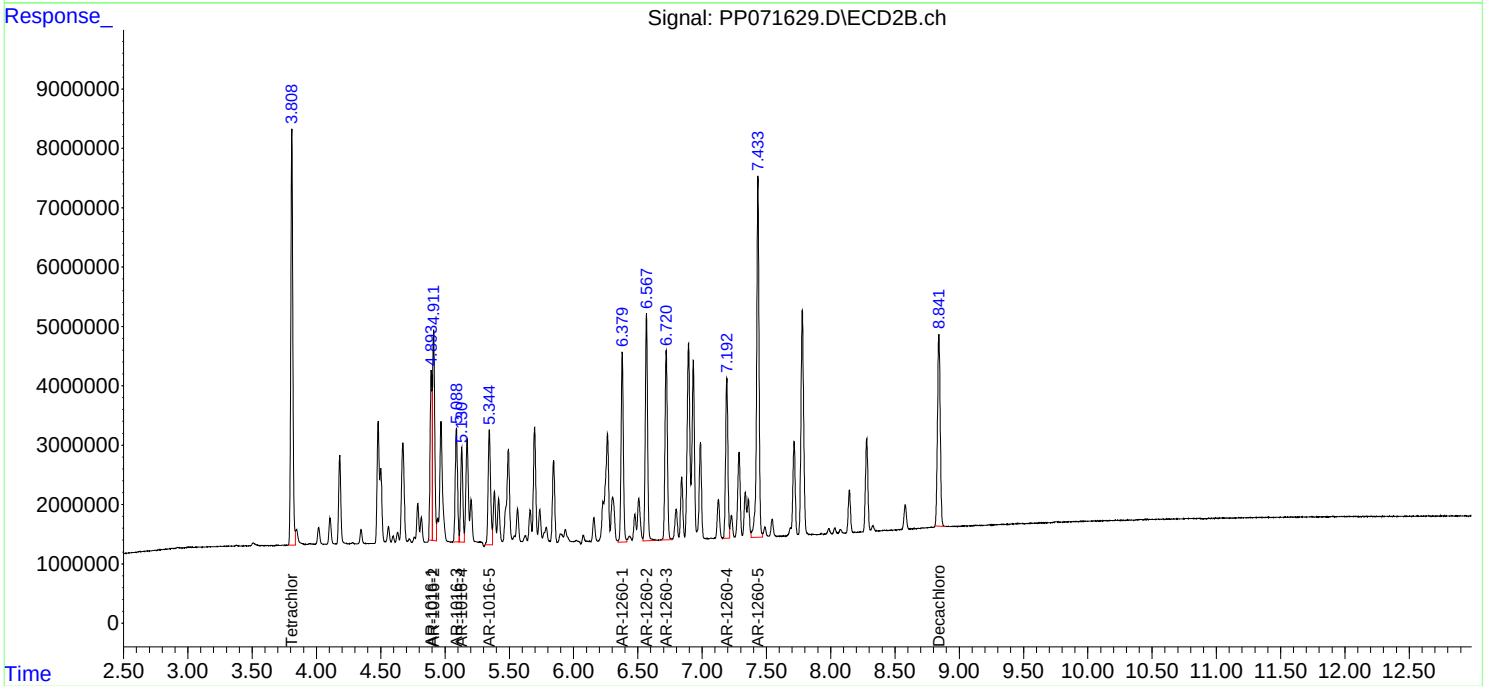
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071629.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 21:55
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

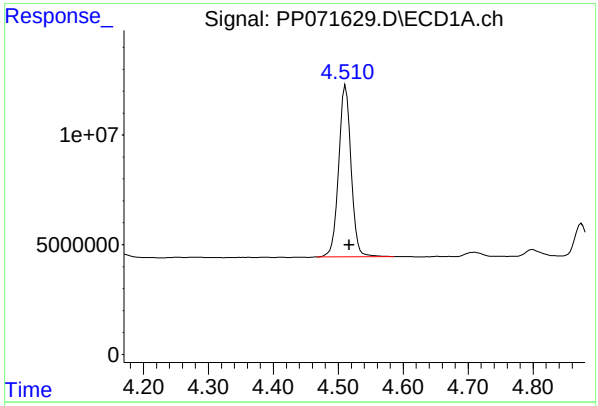
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:30:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



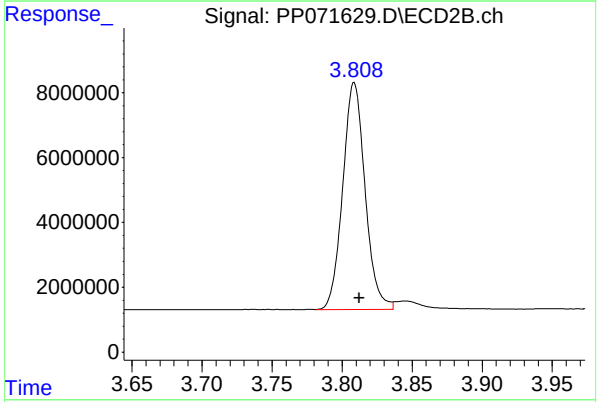




#1 Tetrachloro-m-xylene

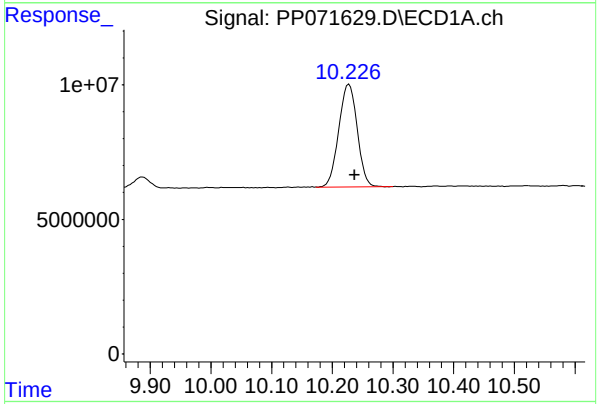
R.T.: 4.511 min
Delta R.T.: -0.006 min
Response: 104298201
Conc: 52.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



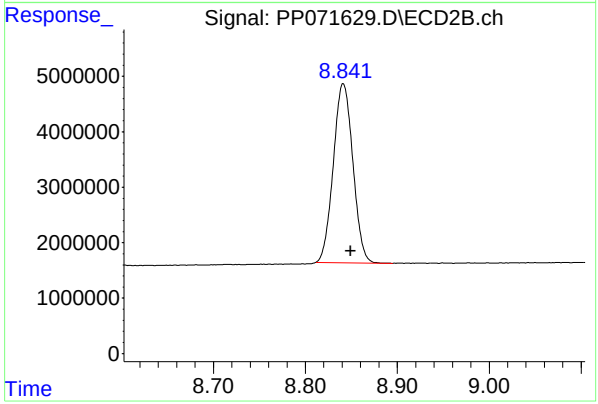
#1 Tetrachloro-m-xylene

R.T.: 3.809 min
Delta R.T.: -0.004 min
Response: 77753116
Conc: 55.20 ng/ml



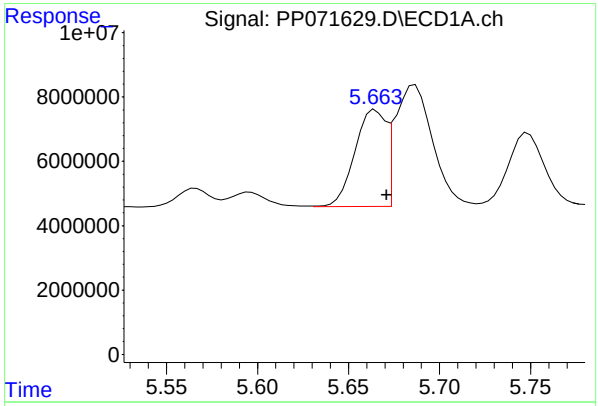
#2 Decachlorobiphenyl

R.T.: 10.228 min
Delta R.T.: -0.010 min
Response: 80766515
Conc: 55.78 ng/ml



#2 Decachlorobiphenyl

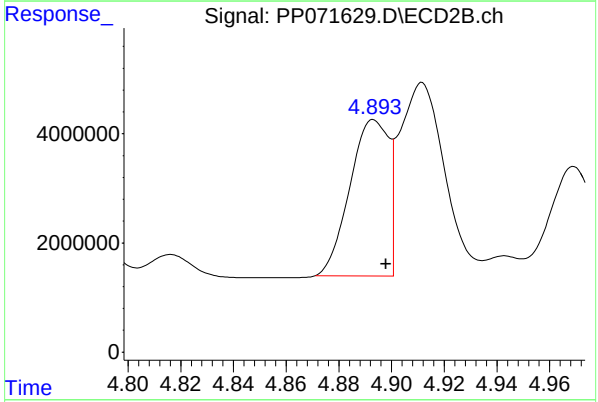
R.T.: 8.841 min
Delta R.T.: -0.008 min
Response: 47871251
Conc: 54.58 ng/ml



#3 AR-1016-1

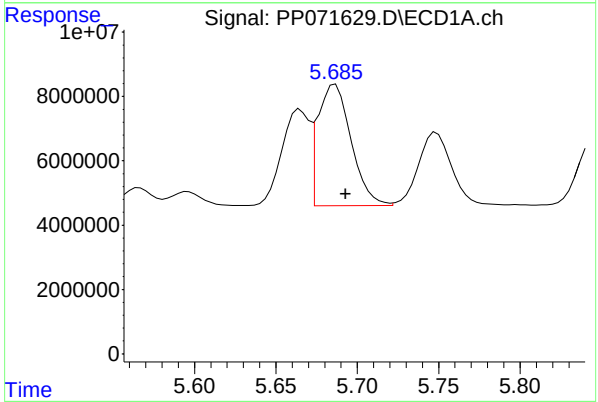
R.T.: 5.665 min
Delta R.T.: -0.006 min
Response: 35719599
Conc: 532.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



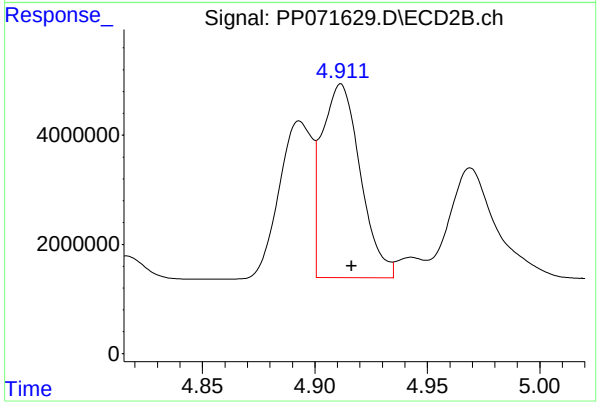
#3 AR-1016-1

R.T.: 4.893 min
Delta R.T.: -0.005 min
Response: 29163533
Conc: 544.77 ng/ml



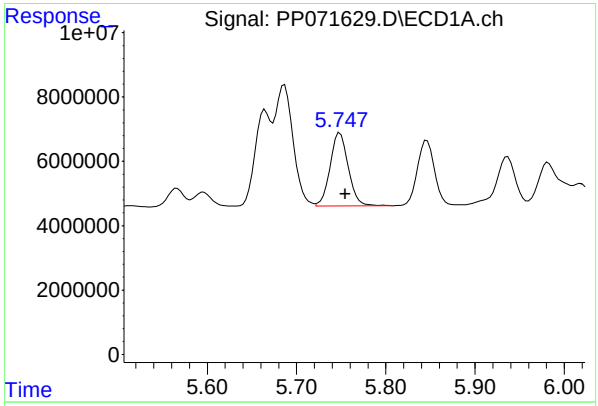
#4 AR-1016-2

R.T.: 5.687 min
Delta R.T.: -0.006 min
Response: 53766131
Conc: 523.89 ng/ml



#4 AR-1016-2

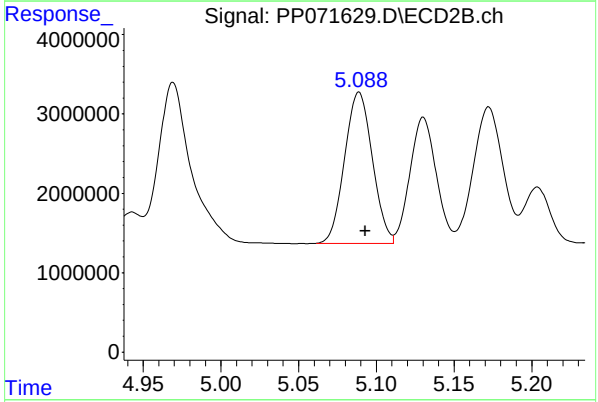
R.T.: 4.912 min
Delta R.T.: -0.005 min
Response: 42126419
Conc: 551.65 ng/ml



#5 AR-1016-3

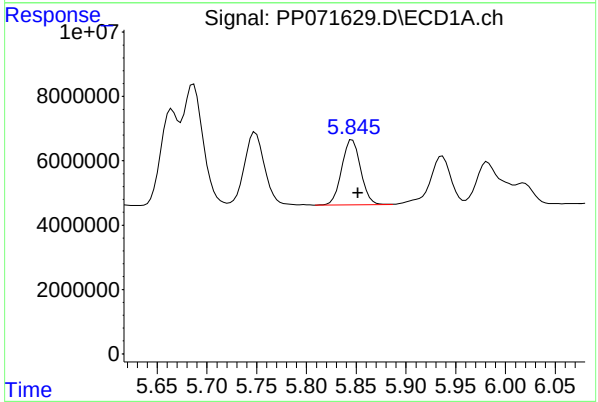
R.T.: 5.749 min
Delta R.T.: -0.006 min
Response: 32314469
Conc: 524.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



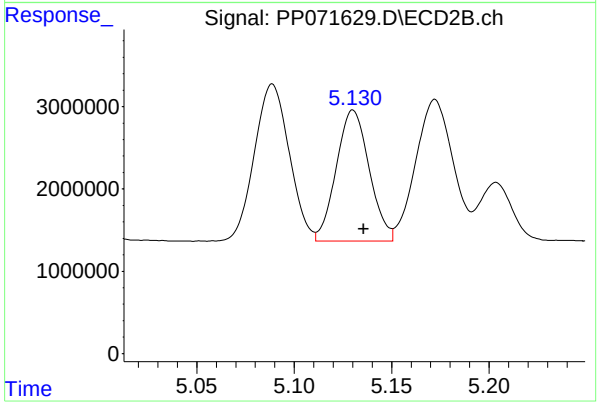
#5 AR-1016-3

R.T.: 5.089 min
Delta R.T.: -0.004 min
Response: 23703995
Conc: 561.57 ng/ml



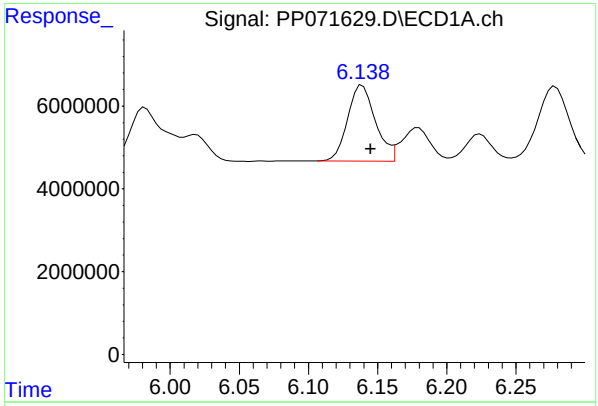
#6 AR-1016-4

R.T.: 5.846 min
Delta R.T.: -0.006 min
Response: 27012762
Conc: 526.58 ng/ml



#6 AR-1016-4

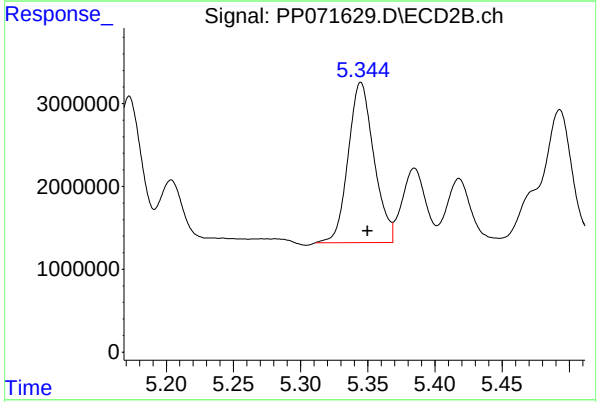
R.T.: 5.130 min
Delta R.T.: -0.005 min
Response: 18742698
Conc: 543.49 ng/ml



#7 AR-1016-5

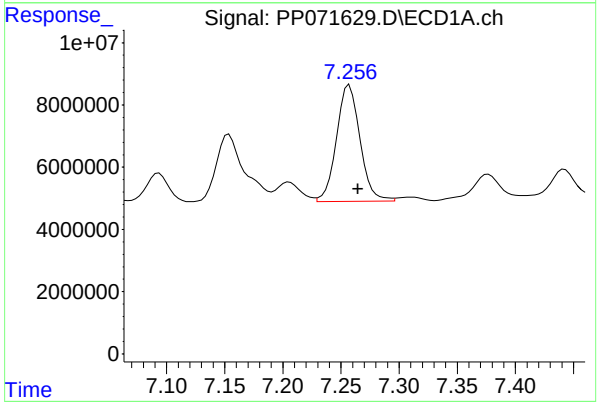
R.T.: 6.139 min
Delta R.T.: -0.006 min
Response: 25737404
Conc: 533.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



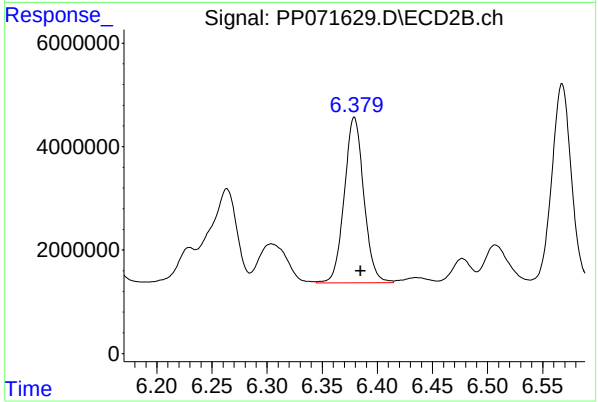
#7 AR-1016-5

R.T.: 5.345 min
Delta R.T.: -0.005 min
Response: 25900816
Conc: 582.73 ng/ml



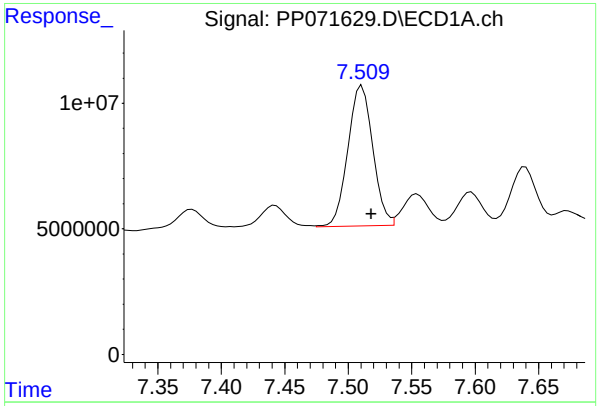
#31 AR-1260-1

R.T.: 7.257 min
Delta R.T.: -0.007 min
Response: 52713877
Conc: 548.96 ng/ml



#31 AR-1260-1

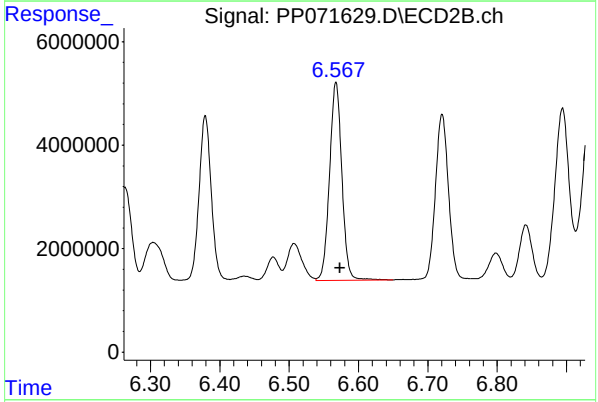
R.T.: 6.379 min
Delta R.T.: -0.006 min
Response: 39459159
Conc: 545.78 ng/ml



#32 AR-1260-2

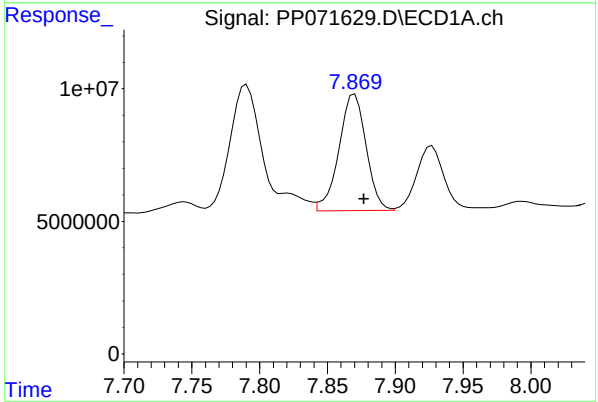
R.T.: 7.511 min
Delta R.T.: -0.007 min
Response: 76438316
Conc: 534.24 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



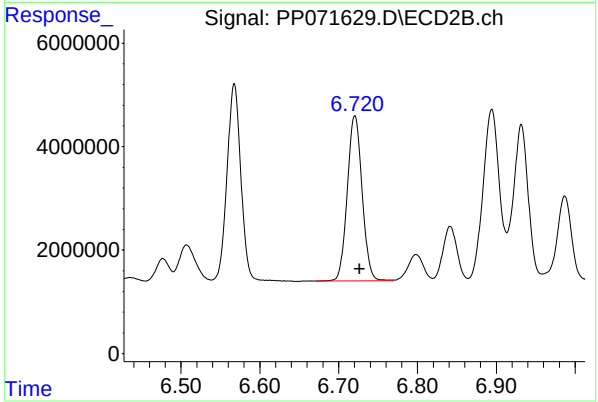
#32 AR-1260-2

R.T.: 6.568 min
Delta R.T.: -0.006 min
Response: 47221841
Conc: 539.92 ng/ml



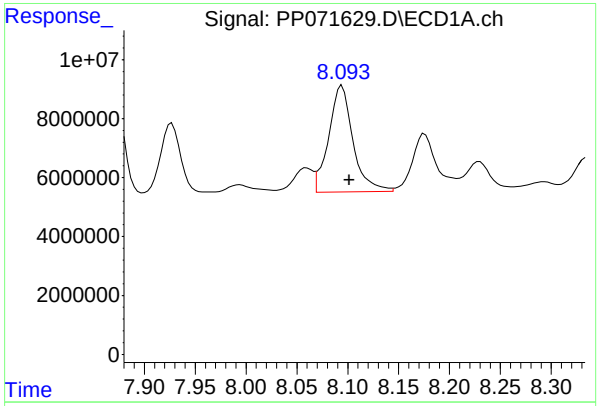
#33 AR-1260-3

R.T.: 7.870 min
Delta R.T.: -0.007 min
Response: 61276721
Conc: 546.61 ng/ml



#33 AR-1260-3

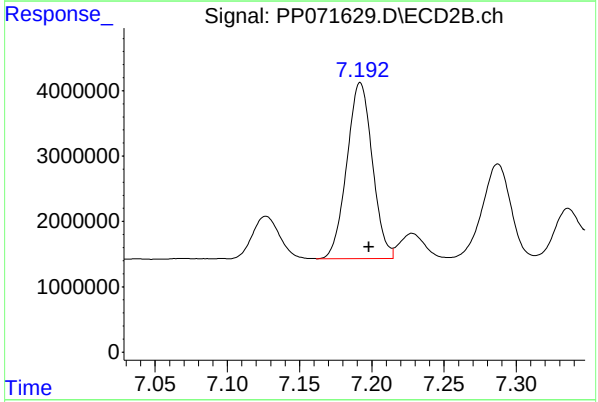
R.T.: 6.721 min
Delta R.T.: -0.006 min
Response: 41684949
Conc: 531.78 ng/ml



#34 AR-1260-4

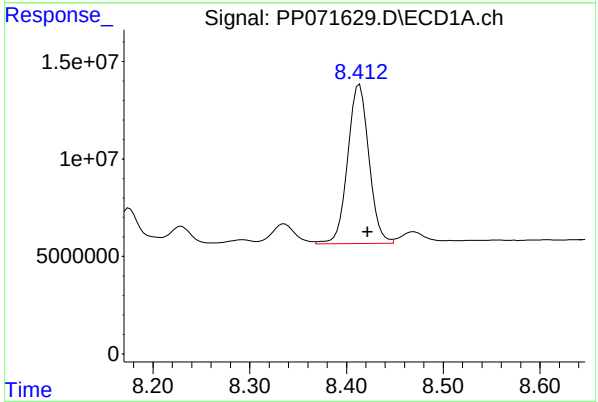
R.T.: 8.094 min
Delta R.T.: -0.007 min
Response: 60195327
Conc: 533.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



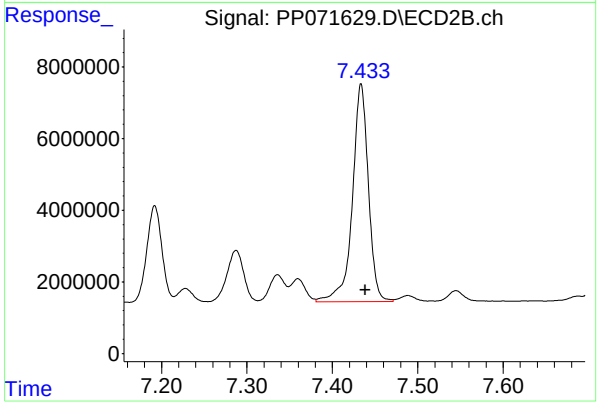
#34 AR-1260-4

R.T.: 7.192 min
Delta R.T.: -0.006 min
Response: 33158768
Conc: 525.41 ng/ml



#35 AR-1260-5

R.T.: 8.413 min
Delta R.T.: -0.008 min
Response: 124251694
Conc: 548.40 ng/ml



#35 AR-1260-5

R.T.: 7.434 min
Delta R.T.: -0.005 min
Response: 79300632
Conc: 525.95 ng/ml

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

Analytical Sequence

Client: Nobis Group **SDG No.:** Q1883

Project: Raymark Superfund Site **Instrument ID:** ECD_O

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 04/10/2025 04/10/2025

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	04/10/2025	09:17	PO110348.D	8.73	3.69
AR1660ICC1000	AR1660ICC1000	04/10/2025	09:36	PO110349.D	8.73	3.69
AR1660ICC750	AR1660ICC750	04/10/2025	09:54	PO110350.D	8.73	3.69
AR1660ICC500	AR1660ICC500	04/10/2025	10:13	PO110351.D	8.73	3.69
AR1660ICC250	AR1660ICC250	04/10/2025	10:31	PO110352.D	8.73	3.69
AR1660ICC050	AR1660ICC050	04/10/2025	10:49	PO110353.D	8.73	3.69
AR1221ICC500	AR1221ICC500	04/10/2025	11:08	PO110354.D	8.73	3.69
AR1232ICC500	AR1232ICC500	04/10/2025	11:26	PO110355.D	8.73	3.69
AR1242ICC1000	AR1242ICC1000	04/10/2025	11:44	PO110356.D	8.73	3.69
AR1242ICC750	AR1242ICC750	04/10/2025	12:03	PO110357.D	8.73	3.69
AR1242ICC500	AR1242ICC500	04/10/2025	12:21	PO110358.D	8.73	3.69
AR1242ICC250	AR1242ICC250	04/10/2025	12:39	PO110359.D	8.73	3.69
AR1242ICC050	AR1242ICC050	04/10/2025	12:58	PO110360.D	8.73	3.69
AR1248ICC1000	AR1248ICC1000	04/10/2025	13:16	PO110361.D	8.73	3.69
AR1248ICC750	AR1248ICC750	04/10/2025	13:35	PO110362.D	8.73	3.69
AR1248ICC500	AR1248ICC500	04/10/2025	13:53	PO110363.D	8.73	3.69
AR1248ICC250	AR1248ICC250	04/10/2025	14:11	PO110364.D	8.73	3.69
AR1248ICC050	AR1248ICC050	04/10/2025	14:30	PO110365.D	8.73	3.69
AR1254ICC1000	AR1254ICC1000	04/10/2025	14:48	PO110366.D	8.73	3.69
AR1254ICC750	AR1254ICC750	04/10/2025	15:06	PO110367.D	8.73	3.69
AR1254ICC500	AR1254ICC500	04/10/2025	15:25	PO110368.D	8.73	3.69
AR1254ICC250	AR1254ICC250	04/10/2025	15:43	PO110369.D	8.73	3.69
AR1254ICC050	AR1254ICC050	04/10/2025	16:02	PO110370.D	8.73	3.69
AR1262ICC500	AR1262ICC500	04/10/2025	16:20	PO110371.D	8.73	3.69
AR1268ICC1000	AR1268ICC1000	04/10/2025	16:38	PO110372.D	8.73	3.69
AR1268ICC750	AR1268ICC750	04/10/2025	16:57	PO110373.D	8.73	3.69
AR1268ICC500	AR1268ICC500	04/10/2025	17:15	PO110374.D	8.73	3.69
AR1268ICC250	AR1268ICC250	04/10/2025	17:33	PO110375.D	8.73	3.69
AR1268ICC050	AR1268ICC050	04/10/2025	17:52	PO110376.D	8.73	3.69
AR1660CCC500	AR1660CCC500	04/29/2025	15:58	PO110861.D	8.73	3.69
I.BLK	I.BLK	04/29/2025	17:29	PO110865.D	8.73	3.69
VNJ-210MS	Q1904-01MS	04/29/2025	18:05	PO110867.D	8.73	3.68
VNJ-210MSD	Q1904-01MSD	04/29/2025	18:23	PO110868.D	8.73	3.69
AR1660CCC500	AR1660CCC500	04/29/2025	22:00	PO110876.D	8.73	3.69
I.BLK	I.BLK	04/29/2025	23:31	PO110880.D	8.73	3.69
I.BLK	I.BLK	04/22/2025	10:13	PP071388.D	10.23	4.51
AR1660ICC1000	AR1660ICC1000	04/22/2025	10:29	PP071389.D	10.23	4.51
AR1660ICC750	AR1660ICC750	04/22/2025	10:45	PP071390.D	10.23	4.51
AR1660ICC500	AR1660ICC500	04/22/2025	11:02	PP071391.D	10.24	4.52
AR1660ICC250	AR1660ICC250	04/22/2025	11:18	PP071392.D	10.23	4.51
AR1660ICC050	AR1660ICC050	04/22/2025	11:34	PP071393.D	10.24	4.52
AR1221ICC500	AR1221ICC500	04/22/2025	11:51	PP071394.D	10.23	4.51

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Fax : 908 789 8922

Analytical Sequence

AR1232ICC500	AR1232ICC500	04/22/2025	12:07	PP071395.D	10.23	4.52
AR1242ICC1000	AR1242ICC1000	04/22/2025	12:23	PP071396.D	10.23	4.51
AR1242ICC750	AR1242ICC750	04/22/2025	12:39	PP071397.D	10.24	4.52
AR1242ICC500	AR1242ICC500	04/22/2025	12:56	PP071398.D	10.24	4.51
AR1242ICC250	AR1242ICC250	04/22/2025	13:12	PP071399.D	10.23	4.51
AR1242ICC050	AR1242ICC050	04/22/2025	13:28	PP071400.D	10.24	4.52
AR1248ICC1000	AR1248ICC1000	04/22/2025	13:45	PP071401.D	10.24	4.52
AR1248ICC750	AR1248ICC750	04/22/2025	14:01	PP071402.D	10.24	4.52
AR1248ICC500	AR1248ICC500	04/22/2025	14:17	PP071403.D	10.24	4.51
AR1248ICC250	AR1248ICC250	04/22/2025	14:33	PP071404.D	10.24	4.51
AR1248ICC050	AR1248ICC050	04/22/2025	14:50	PP071405.D	10.24	4.51
AR1254ICC1000	AR1254ICC1000	04/22/2025	15:06	PP071406.D	10.24	4.52
AR1254ICC750	AR1254ICC750	04/22/2025	15:22	PP071407.D	10.24	4.52
AR1254ICC500	AR1254ICC500	04/22/2025	15:38	PP071408.D	10.24	4.52
AR1254ICC250	AR1254ICC250	04/22/2025	15:55	PP071409.D	10.23	4.51
AR1254ICC050	AR1254ICC050	04/22/2025	16:11	PP071410.D	10.24	4.51
AR1262ICC500	AR1262ICC500	04/22/2025	16:27	PP071411.D	10.24	4.52
AR1268ICC1000	AR1268ICC1000	04/22/2025	16:44	PP071412.D	10.24	4.51
AR1268ICC750	AR1268ICC750	04/22/2025	17:00	PP071413.D	10.23	4.52
AR1268ICC500	AR1268ICC500	04/22/2025	17:16	PP071414.D	10.24	4.52
AR1268ICC250	AR1268ICC250	04/22/2025	17:33	PP071415.D	10.24	4.52
AR1268ICC050	AR1268ICC050	04/22/2025	17:49	PP071416.D	10.24	4.51
AR1660CCC500	AR1660CCC500	04/29/2025	10:33	PP071599.D	10.23	4.51
I.BLK	I.BLK	04/29/2025	11:40	PP071603.D	10.23	4.51
PB167776BL	PB167776BL	04/29/2025	13:30	PP071607.D	10.23	4.51
PB167776BS	PB167776BS	04/29/2025	13:46	PP071608.D	10.23	4.51
OU4-PCS-TC-27-042325	Q1883-01	04/29/2025	14:02	PP071609.D	10.23	4.51
OU4-PCS-TC-28-042325	Q1883-03	04/29/2025	14:19	PP071610.D	10.23	4.51
OU4-PCS-TC-29-042325	Q1883-05	04/29/2025	14:35	PP071611.D	10.23	4.51
OU4-PCS-TC-30-042325	Q1883-07	04/29/2025	14:51	PP071612.D	10.23	4.51
OU4-PCS-TC-31-042325	Q1883-09	04/29/2025	15:08	PP071613.D	10.23	4.51
AR1660CCC500	AR1660CCC500	04/29/2025	16:29	PP071614.D	10.23	4.51
I.BLK	I.BLK	04/29/2025	17:51	PP071618.D	10.23	4.51
OU4-PCS-TC-32-042325	Q1883-11	04/29/2025	18:07	PP071619.D	10.23	4.51
OU4-VSL-18-042325	Q1883-13	04/29/2025	18:23	PP071620.D	10.23	4.52
OU4-VSL-19-042325	Q1883-15	04/29/2025	18:40	PP071621.D	10.23	4.51
AR1660CCC500	AR1660CCC500	04/29/2025	21:55	PP071629.D	10.23	4.51
I.BLK	I.BLK	04/29/2025	23:17	PP071633.D	10.23	4.51

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

Analytical Sequence

Client: Nobis Group **SDG No.:** Q1883

Project: Raymark Superfund Site **Instrument ID:** ECD_O

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 04/10/2025 04/10/2025

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	04/10/2025	09:17	PO110348.D	8.68	3.68
AR1660ICC1000	AR1660ICC1000	04/10/2025	09:36	PO110349.D	8.69	3.69
AR1660ICC750	AR1660ICC750	04/10/2025	09:54	PO110350.D	8.69	3.69
AR1660ICC500	AR1660ICC500	04/10/2025	10:13	PO110351.D	8.68	3.69
AR1660ICC250	AR1660ICC250	04/10/2025	10:31	PO110352.D	8.68	3.69
AR1660ICC050	AR1660ICC050	04/10/2025	10:49	PO110353.D	8.68	3.69
AR1221ICC500	AR1221ICC500	04/10/2025	11:08	PO110354.D	8.68	3.69
AR1232ICC500	AR1232ICC500	04/10/2025	11:26	PO110355.D	8.68	3.69
AR1242ICC1000	AR1242ICC1000	04/10/2025	11:44	PO110356.D	8.68	3.69
AR1242ICC750	AR1242ICC750	04/10/2025	12:03	PO110357.D	8.68	3.69
AR1242ICC500	AR1242ICC500	04/10/2025	12:21	PO110358.D	8.68	3.68
AR1242ICC250	AR1242ICC250	04/10/2025	12:39	PO110359.D	8.68	3.69
AR1242ICC050	AR1242ICC050	04/10/2025	12:58	PO110360.D	8.68	3.68
AR1248ICC1000	AR1248ICC1000	04/10/2025	13:16	PO110361.D	8.68	3.69
AR1248ICC750	AR1248ICC750	04/10/2025	13:35	PO110362.D	8.69	3.69
AR1248ICC500	AR1248ICC500	04/10/2025	13:53	PO110363.D	8.69	3.69
AR1248ICC250	AR1248ICC250	04/10/2025	14:11	PO110364.D	8.68	3.69
AR1248ICC050	AR1248ICC050	04/10/2025	14:30	PO110365.D	8.68	3.68
AR1254ICC1000	AR1254ICC1000	04/10/2025	14:48	PO110366.D	8.68	3.69
AR1254ICC750	AR1254ICC750	04/10/2025	15:06	PO110367.D	8.68	3.69
AR1254ICC500	AR1254ICC500	04/10/2025	15:25	PO110368.D	8.68	3.69
AR1254ICC250	AR1254ICC250	04/10/2025	15:43	PO110369.D	8.68	3.68
AR1254ICC050	AR1254ICC050	04/10/2025	16:02	PO110370.D	8.68	3.69
AR1262ICC500	AR1262ICC500	04/10/2025	16:20	PO110371.D	8.68	3.69
AR1268ICC1000	AR1268ICC1000	04/10/2025	16:38	PO110372.D	8.68	3.68
AR1268ICC750	AR1268ICC750	04/10/2025	16:57	PO110373.D	8.68	3.68
AR1268ICC500	AR1268ICC500	04/10/2025	17:15	PO110374.D	8.68	3.69
AR1268ICC250	AR1268ICC250	04/10/2025	17:33	PO110375.D	8.68	3.69
AR1268ICC050	AR1268ICC050	04/10/2025	17:52	PO110376.D	8.68	3.68
AR1660CCC500	AR1660CCC500	04/29/2025	15:58	PO110861.D	8.68	3.68
I.BLK	I.BLK	04/29/2025	17:29	PO110865.D	8.68	3.68
VNJ-210MS	Q1904-01MS	04/29/2025	18:05	PO110867.D	8.68	3.68
VNJ-210MSD	Q1904-01MSD	04/29/2025	18:23	PO110868.D	8.68	3.68
AR1660CCC500	AR1660CCC500	04/29/2025	22:00	PO110876.D	8.68	3.68
I.BLK	I.BLK	04/29/2025	23:31	PO110880.D	8.68	3.68
I.BLK	I.BLK	04/22/2025	10:13	PP071388.D	8.85	3.81
AR1660ICC1000	AR1660ICC1000	04/22/2025	10:29	PP071389.D	8.85	3.81
AR1660ICC750	AR1660ICC750	04/22/2025	10:45	PP071390.D	8.85	3.81
AR1660ICC500	AR1660ICC500	04/22/2025	11:02	PP071391.D	8.85	3.81
AR1660ICC250	AR1660ICC250	04/22/2025	11:18	PP071392.D	8.85	3.81
AR1660ICC050	AR1660ICC050	04/22/2025	11:34	PP071393.D	8.85	3.81
AR1221ICC500	AR1221ICC500	04/22/2025	11:51	PP071394.D	8.85	3.81

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Analytical Sequence

AR1232ICC500	AR1232ICC500	04/22/2025	12:07	PP071395.D	8.85	3.81
AR1242ICC1000	AR1242ICC1000	04/22/2025	12:23	PP071396.D	8.85	3.81
AR1242ICC750	AR1242ICC750	04/22/2025	12:39	PP071397.D	8.85	3.81
AR1242ICC500	AR1242ICC500	04/22/2025	12:56	PP071398.D	8.85	3.81
AR1242ICC250	AR1242ICC250	04/22/2025	13:12	PP071399.D	8.85	3.81
AR1242ICC050	AR1242ICC050	04/22/2025	13:28	PP071400.D	8.85	3.81
AR1248ICC1000	AR1248ICC1000	04/22/2025	13:45	PP071401.D	8.85	3.81
AR1248ICC750	AR1248ICC750	04/22/2025	14:01	PP071402.D	8.85	3.81
AR1248ICC500	AR1248ICC500	04/22/2025	14:17	PP071403.D	8.85	3.81
AR1248ICC250	AR1248ICC250	04/22/2025	14:33	PP071404.D	8.85	3.81
AR1248ICC050	AR1248ICC050	04/22/2025	14:50	PP071405.D	8.85	3.81
AR1254ICC1000	AR1254ICC1000	04/22/2025	15:06	PP071406.D	8.85	3.81
AR1254ICC750	AR1254ICC750	04/22/2025	15:22	PP071407.D	8.85	3.81
AR1254ICC500	AR1254ICC500	04/22/2025	15:38	PP071408.D	8.85	3.81
AR1254ICC250	AR1254ICC250	04/22/2025	15:55	PP071409.D	8.85	3.81
AR1254ICC050	AR1254ICC050	04/22/2025	16:11	PP071410.D	8.85	3.81
AR1262ICC500	AR1262ICC500	04/22/2025	16:27	PP071411.D	8.85	3.81
AR1268ICC1000	AR1268ICC1000	04/22/2025	16:44	PP071412.D	8.85	3.81
AR1268ICC750	AR1268ICC750	04/22/2025	17:00	PP071413.D	8.85	3.81
AR1268ICC500	AR1268ICC500	04/22/2025	17:16	PP071414.D	8.85	3.81
AR1268ICC250	AR1268ICC250	04/22/2025	17:33	PP071415.D	8.85	3.81
AR1268ICC050	AR1268ICC050	04/22/2025	17:49	PP071416.D	8.85	3.81
AR1660CCC500	AR1660CCC500	04/29/2025	10:33	PP071599.D	8.84	3.81
I.BLK	I.BLK	04/29/2025	11:40	PP071603.D	8.84	3.81
PB167776BL	PB167776BL	04/29/2025	13:30	PP071607.D	8.84	3.81
PB167776BS	PB167776BS	04/29/2025	13:46	PP071608.D	8.84	3.81
OU4-PCS-TC-27-042325	Q1883-01	04/29/2025	14:02	PP071609.D	8.84	3.81
OU4-PCS-TC-28-042325	Q1883-03	04/29/2025	14:19	PP071610.D	8.84	3.81
OU4-PCS-TC-29-042325	Q1883-05	04/29/2025	14:35	PP071611.D	8.84	3.81
OU4-PCS-TC-30-042325	Q1883-07	04/29/2025	14:51	PP071612.D	8.86	3.83
OU4-PCS-TC-31-042325	Q1883-09	04/29/2025	15:08	PP071613.D	8.84	3.81
AR1660CCC500	AR1660CCC500	04/29/2025	16:29	PP071614.D	8.84	3.81
I.BLK	I.BLK	04/29/2025	17:51	PP071618.D	8.84	3.81
OU4-PCS-TC-32-042325	Q1883-11	04/29/2025	18:07	PP071619.D	8.84	3.81
OU4-VSL-18-042325	Q1883-13	04/29/2025	18:23	PP071620.D	8.84	3.81
OU4-VSL-19-042325	Q1883-15	04/29/2025	18:40	PP071621.D	8.84	3.81
AR1660CCC500	AR1660CCC500	04/29/2025	21:55	PP071629.D	8.84	3.81
I.BLK	I.BLK	04/29/2025	23:17	PP071633.D	8.84	3.81

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
VNJ-210MS

Contract: NOBI03

Lab Code: CHEM Case No.: Q1883 SAS No.: Q1883 SDG NO.: Q1883

Lab Sample ID: Q1904-01MS Date(s) Analyzed: 04/29/2025 04/29/2025

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 PO110867.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.774	4.724	4.824	205		
	2	4.793	4.743	4.843	206		
	3	4.85	4.8	4.9	201		
COLUMN 1	4	4.97	4.92	5.02	204		
	5	5.227	5.177	5.277	187	201	
	1	4.762	4.712	4.812	201		
	2	4.781	4.731	4.831	195		
	3	4.956	4.906	5.006	185		
	4	4.998	4.948	5.048	179		
COLUMN 2	5	5.21	5.16	5.26	169	186	7.75
Aroclor-1260	1	6.267	6.217	6.317	216		
	2	6.456	6.406	6.506	195		
	3	6.823	6.773	6.873	166		
COLUMN 1	4	7.083	7.033	7.133	182		
	5	7.326	7.276	7.376	173	187	
	1	6.242	6.192	6.292	201		
	2	6.429	6.379	6.479	176		
	3	6.582	6.532	6.632	181		
	4	7.053	7.003	7.103	165		
COLUMN 2	5	7.295	7.245	7.345	161	177	5.49

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

VNJ-210MSD

Contract: NOBI03

Lab Code: CHEM Case No.: Q1883 SAS No.: Q1883 SDG NO.: Q1883

Lab Sample ID: Q1904-01MSD Date(s) Analyzed: 04/29/2025 04/29/2025

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 PO110868.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.776	4.726	4.826	206		
	2	4.795	4.745	4.845	203		
	3	4.851	4.801	4.901	202		
COLUMN 1	4	4.971	4.921	5.021	202		
	5	5.229	5.179	5.279	184	199	
	1	4.762	4.712	4.812	198		
	2	4.781	4.731	4.831	194		
	3	4.957	4.907	5.007	183		
	4	4.999	4.949	5.049	174		
COLUMN 2	5	5.211	5.161	5.261	169	184	7.83
Aroclor-1260	1	6.268	6.218	6.318	214		
	2	6.458	6.408	6.508	192		
	3	6.825	6.775	6.875	163		
COLUMN 1	4	7.085	7.035	7.135	177		
	5	7.327	7.277	7.377	169	183	
	1	6.242	6.192	6.292	196		
	2	6.43	6.38	6.48	172		
	3	6.583	6.533	6.633	180		
	4	7.053	7.003	7.103	162		
COLUMN 2	5	7.294	7.244	7.344	157	174	5.04

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
PB167776BS

Contract: NOBI03
Lab Code: CHEM Case No.: Q1883 SAS No.: Q1883 SDG NO.: Q1883
Lab Sample ID: PB167776BS Date(s) Analyzed: 04/29/2025 04/29/2025
Instrument ID (1): ECD_P Instrument ID (2): ECD_P
GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)
Data file PP071608.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.667	5.617	5.717	143		
	2	5.689	5.639	5.739	147		
	3	5.752	5.702	5.802	143		
COLUMN 1	4	5.849	5.799	5.899	147		
	5	6.141	6.091	6.191	141	144	
	1	4.894	4.844	4.944	154		
	2	4.912	4.862	4.962	158		
	3	5.09	5.04	5.14	158		
	4	5.131	5.081	5.181	156		
COLUMN 2	5	5.345	5.295	5.395	154	156	8
Aroclor-1260	1	7.26	7.21	7.31	150		
	2	7.513	7.463	7.563	151		
	3	7.872	7.822	7.922	133		
COLUMN 1	4	8.097	8.047	8.147	140		
	5	8.416	8.366	8.466	140	143	
	1	6.38	6.33	6.43	165		
	2	6.569	6.519	6.619	165		
	3	6.721	6.671	6.771	166		
	4	7.192	7.142	7.242	146		
COLUMN 2	5	7.434	7.384	7.484	142	157	9.33

QC SAMPLE DATA

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Report of Analysis

Client:	Nobis Group	Date Collected:	
Project:	Raymark Superfund Site	Date Received:	
Client Sample ID:	PB167776BL	SDG No.:	Q1883
Lab Sample ID:	PB167776BL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.01 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
PP071607.D	1	04/29/25 08:35	04/29/25 13:30	PB167776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.30	U	3.90	8.30	17.0	ug/kg
11104-28-2	Aroclor-1221	13.0	U	4.00	13.0	17.0	ug/kg
11141-16-5	Aroclor-1232	8.30	U	3.70	8.30	17.0	ug/kg
53469-21-9	Aroclor-1242	8.30	U	4.00	8.30	17.0	ug/kg
12672-29-6	Aroclor-1248	13.0	U	5.90	13.0	17.0	ug/kg
11097-69-1	Aroclor-1254	8.30	U	3.20	8.30	17.0	ug/kg
37324-23-5	Aroclor-1262	13.0	U	5.00	13.0	17.0	ug/kg
11100-14-4	Aroclor-1268	8.30	U	3.60	8.30	17.0	ug/kg
11096-82-5	Aroclor-1260	8.30	U	3.20	8.30	17.0	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	19.9		44 - 130		100%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.1		60 - 125		105%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071607.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 13:30
Operator : YP\AJ
Sample : PB167776BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB167776BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:24:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.512	3.810	37143611	28071621	18.734	19.928
2)	SA Decachlor...	10.229	8.841	28176247	18467203	19.459	21.056
	Target Compounds						

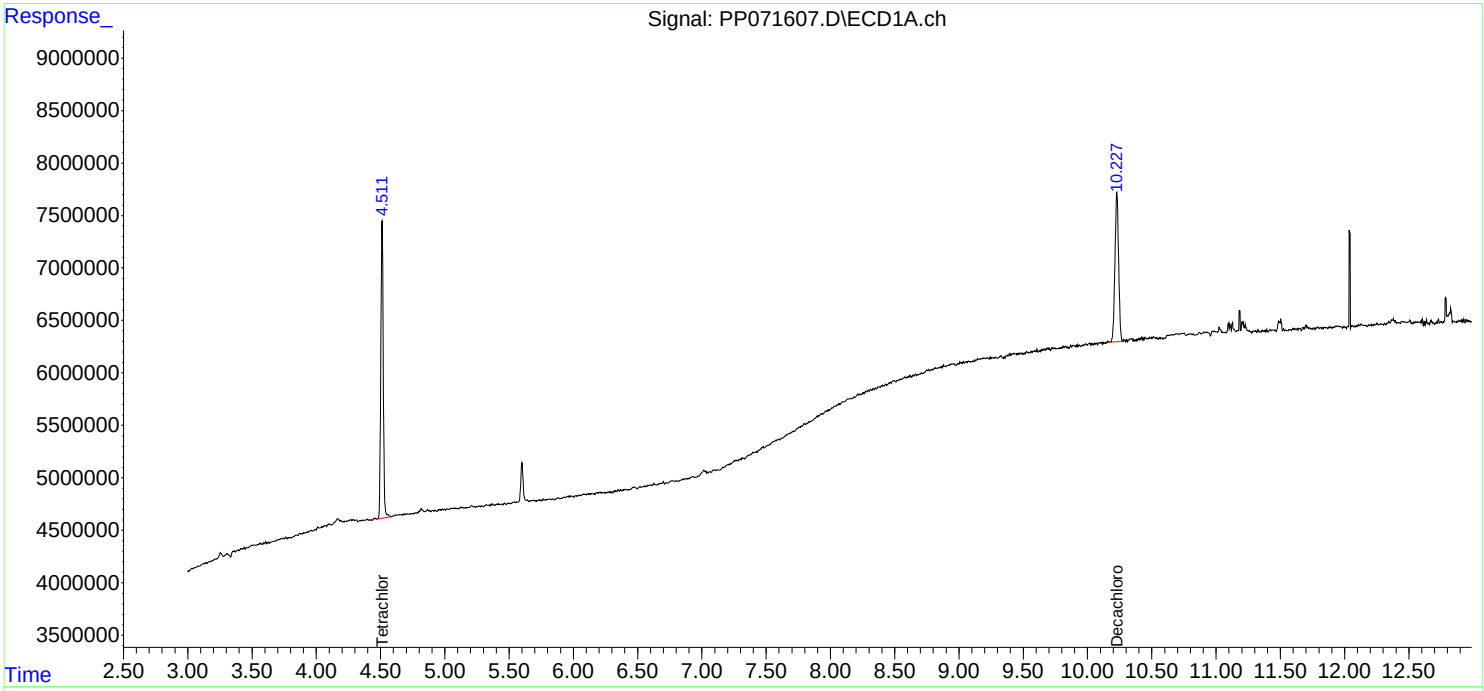
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

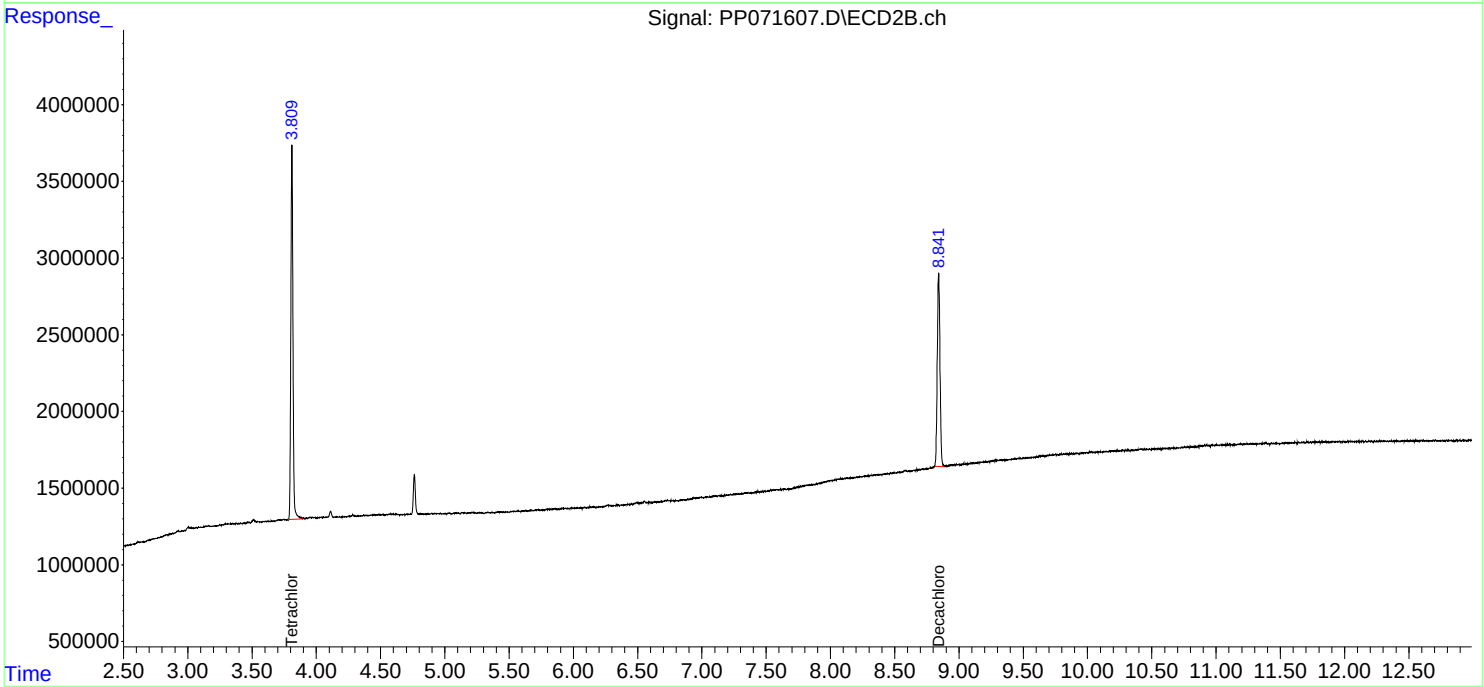
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071607.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 13:30
Operator : YP\AJ
Sample : PB167776BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

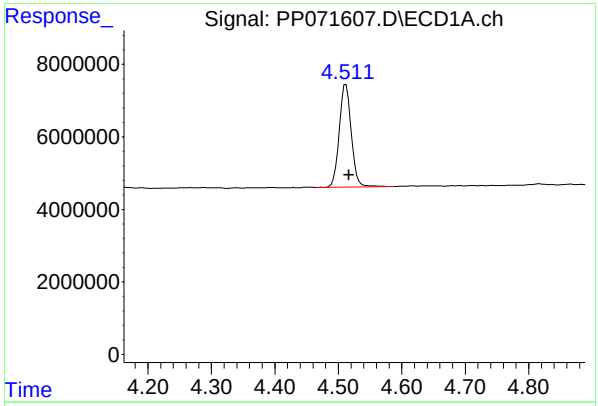
Instrument :
ECD_P
ClientSampleId :
PB167776BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:24:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



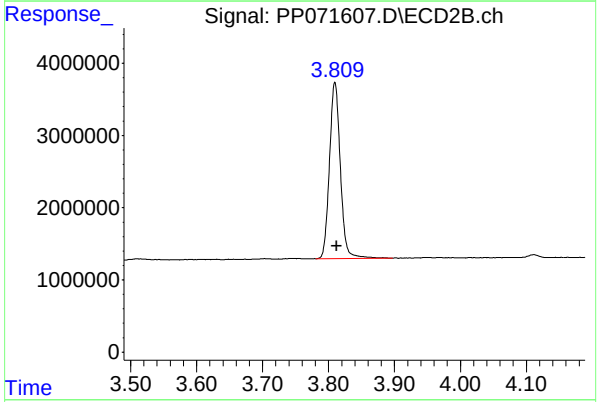




#1 Tetrachloro-m-xylene

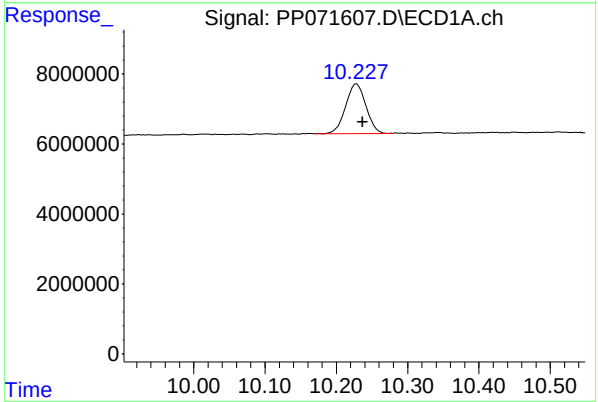
R.T.: 4.512 min
Delta R.T.: -0.005 min
Response: 37143611
Conc: 18.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167776BL



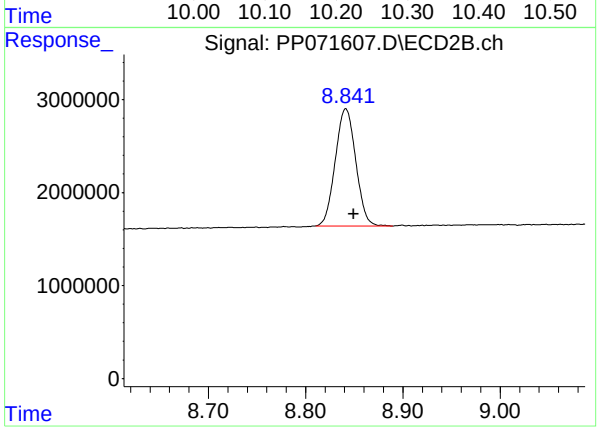
#1 Tetrachloro-m-xylene

R.T.: 3.810 min
Delta R.T.: -0.003 min
Response: 28071621
Conc: 19.93 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.229 min
Delta R.T.: -0.009 min
Response: 28176247
Conc: 19.46 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.841 min
Delta R.T.: -0.008 min
Response: 18467203
Conc: 21.06 ng/ml

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	04/10/25
Project:	Raymark Superfund Site	Date Received:	04/10/25
Client Sample ID:	PIBLK-PO110348.D	SDG No.:	Q1883
Lab Sample ID:	I.BLK-PO110348.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
PO110348.D	1		04/10/25	PO041025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.25	U	0.097	0.25	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.13	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.25	U	0.096	0.25	0.50	ug/L
53469-21-9	Aroclor-1242	0.25	U	0.12	0.25	0.50	ug/L
12672-29-6	Aroclor-1248	0.25	U	0.071	0.25	0.50	ug/L
11097-69-1	Aroclor-1254	0.25	U	0.094	0.25	0.50	ug/L
11096-82-5	Aroclor-1260	0.25	U	0.081	0.25	0.50	ug/L
37324-23-5	Aroclor-1262	0.40	U	0.14	0.40	0.50	ug/L
11100-14-4	Aroclor-1268	0.25	U	0.11	0.25	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	18.1		60 - 140		91%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.2		60 - 140		96%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110348.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 09:17
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: Apr 10 19:25:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 18:44:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.687	3.684	158.3E6	90605960	18.096	18.158
2)	SA Decachlor...	8.732	8.683	151.3E6	38875455	19.165	20.195
	Target Compounds						

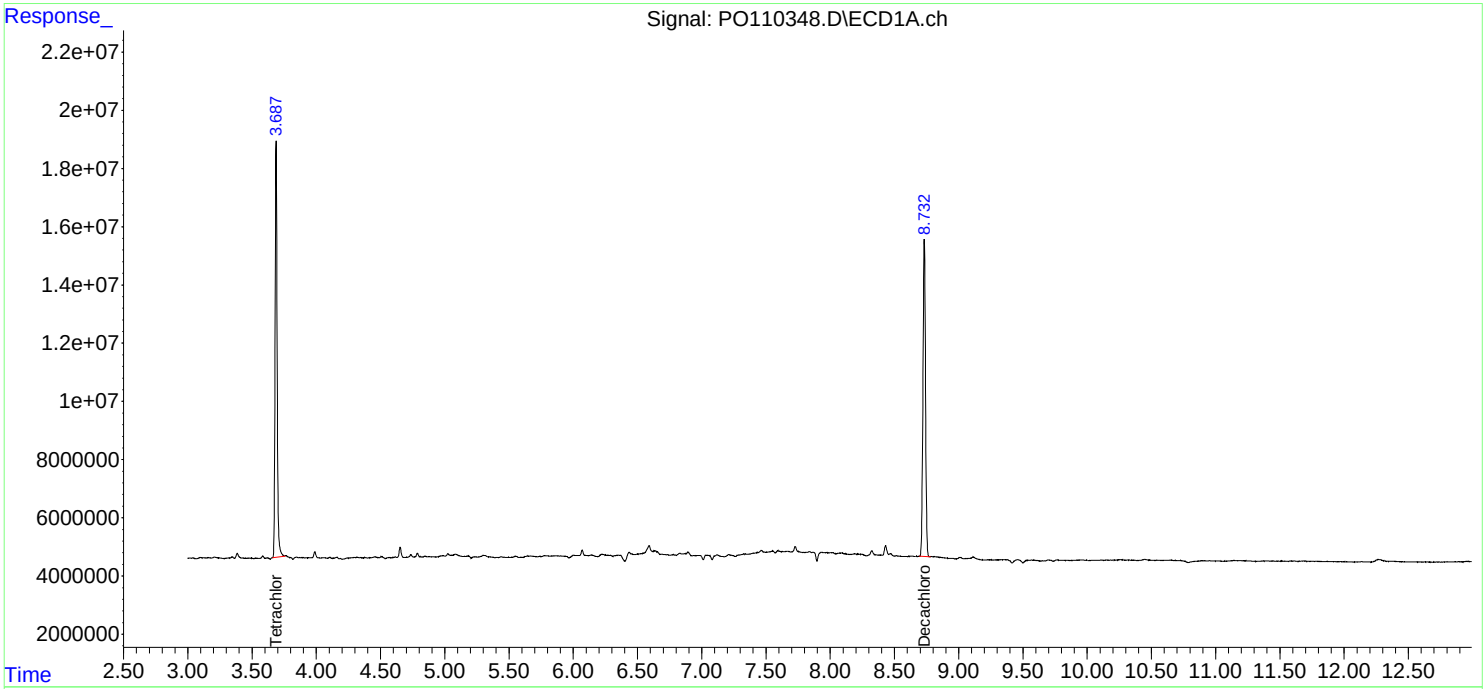
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

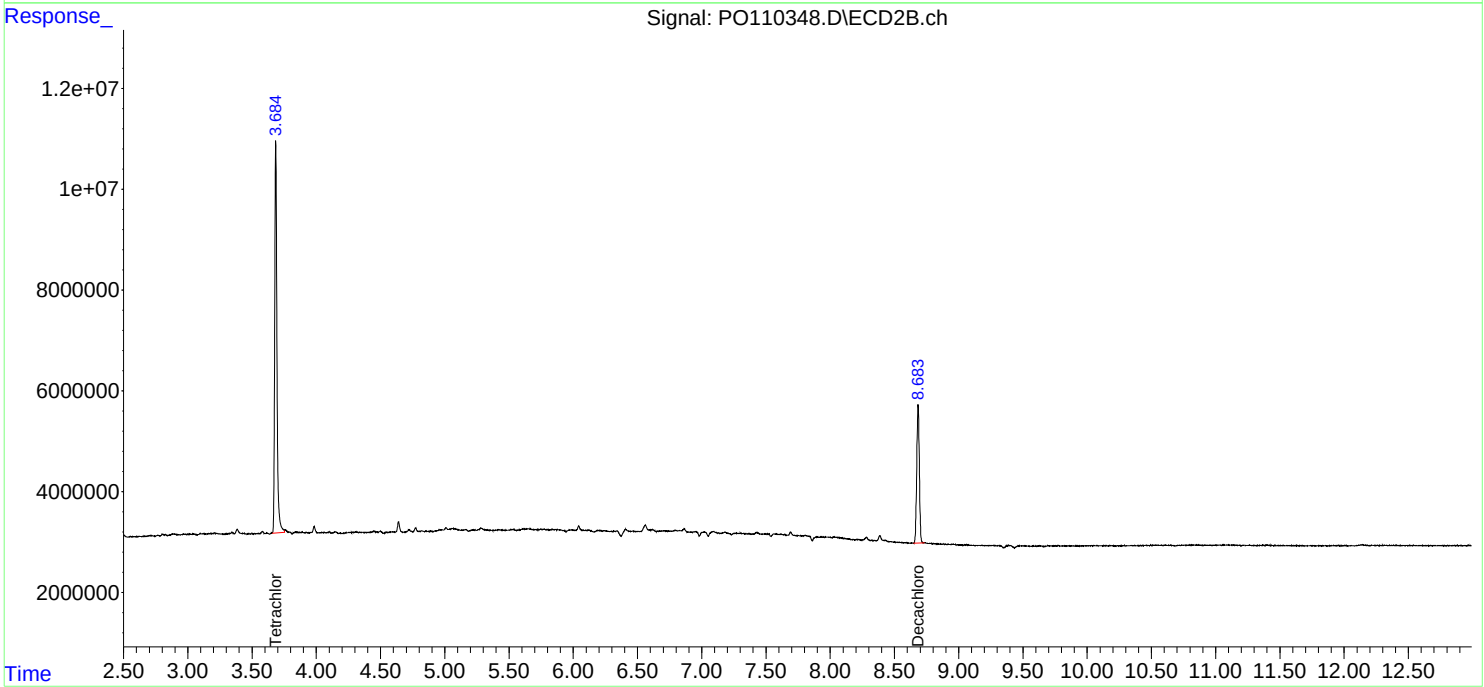
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110348.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 09:17
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

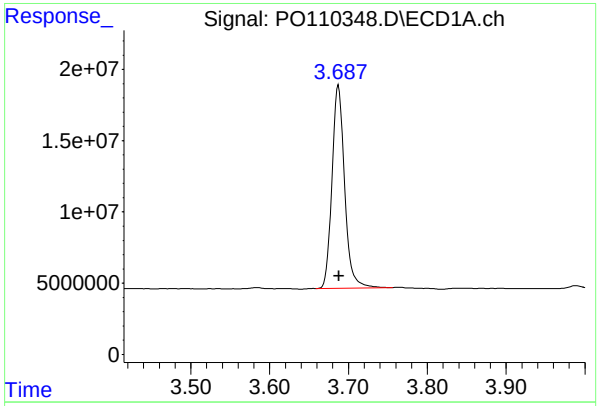
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 19:25:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 18:44:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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



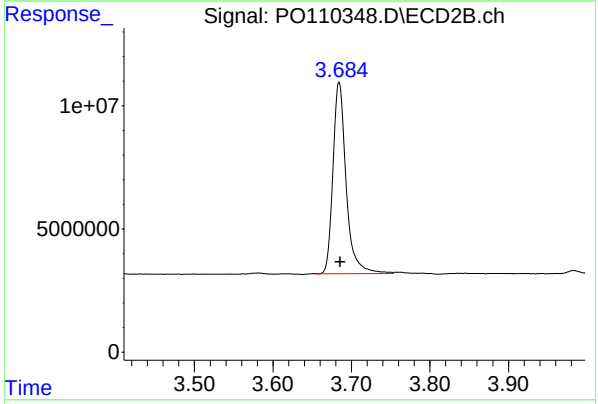




#1 Tetrachloro-m-xylene

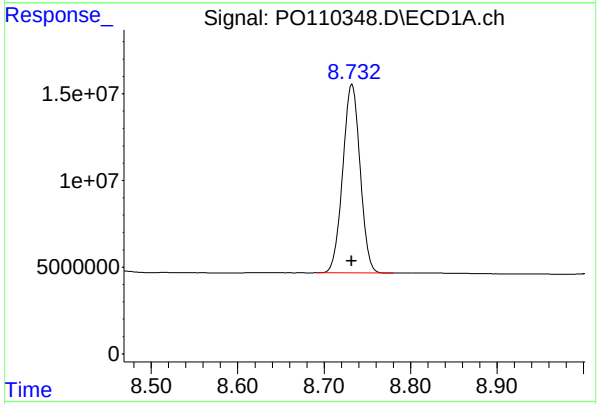
R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 158319301
Conc: 18.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



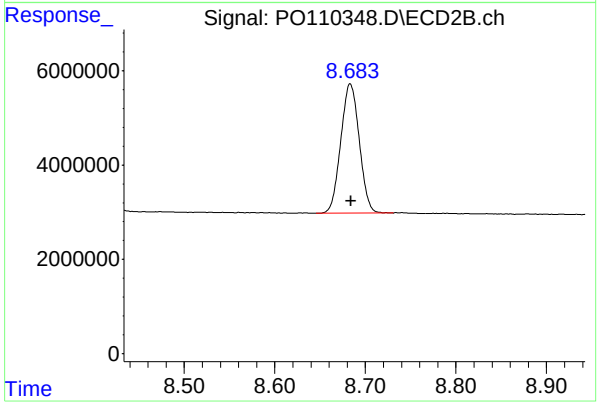
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: -0.001 min
Response: 90605960
Conc: 18.16 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 151304209
Conc: 19.16 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.683 min
Delta R.T.: 0.000 min
Response: 38875455
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:	Nobis Group	Date Collected:	04/29/25
Project:	Raymark Superfund Site	Date Received:	04/29/25
Client Sample ID:	PIBLK-PO110865.D	SDG No.:	Q1883
Lab Sample ID:	I.BLK-PO110865.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
PO110865.D	1		04/29/25	PO042925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.25	U	0.097	0.25	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.13	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.25	U	0.096	0.25	0.50	ug/L
53469-21-9	Aroclor-1242	0.25	U	0.12	0.25	0.50	ug/L
12672-29-6	Aroclor-1248	0.25	U	0.071	0.25	0.50	ug/L
11097-69-1	Aroclor-1254	0.25	U	0.094	0.25	0.50	ug/L
11096-82-5	Aroclor-1260	0.25	U	0.081	0.25	0.50	ug/L
37324-23-5	Aroclor-1262	0.40	U	0.14	0.40	0.50	ug/L
11100-14-4	Aroclor-1268	0.25	U	0.11	0.25	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	16.9		60 - 140		84%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.9		60 - 140		85%	SPK: 20

Comments:

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

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042925\
Data File : PO110865.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 17:29
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: Apr 30 02:27:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.683	161.0E6	84295389	18.397	16.894
2)	SA Decachlor...	8.729	8.680	138.3E6	32608782	17.513	16.940
	Target Compounds						

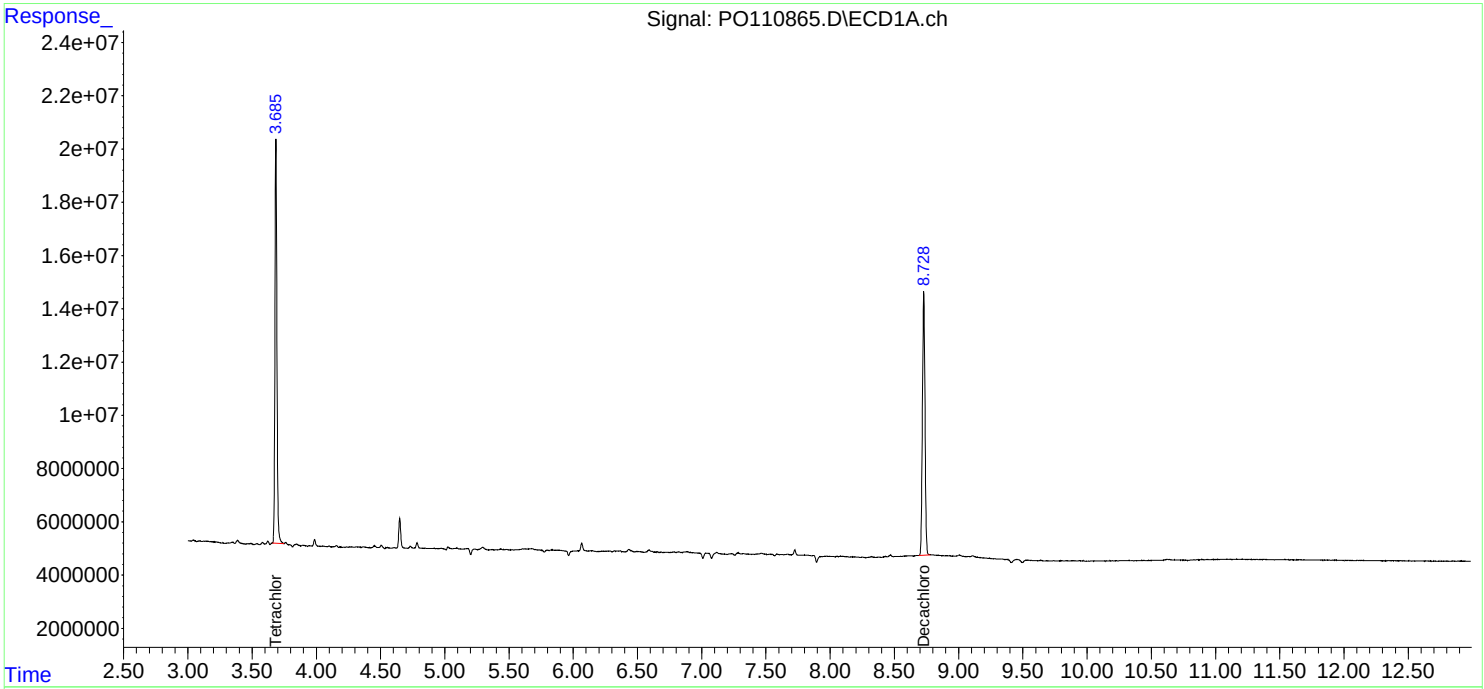
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

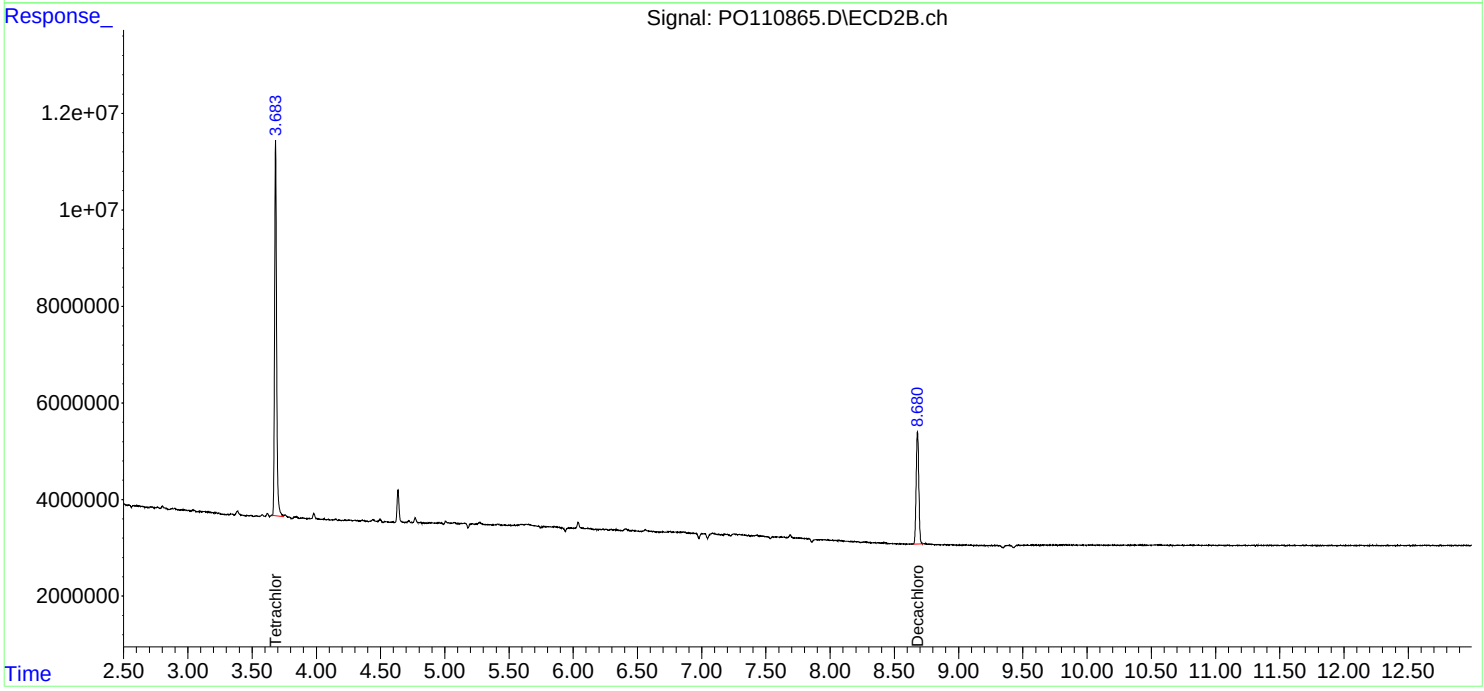
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042925\
Data File : PO110865.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 17:29
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

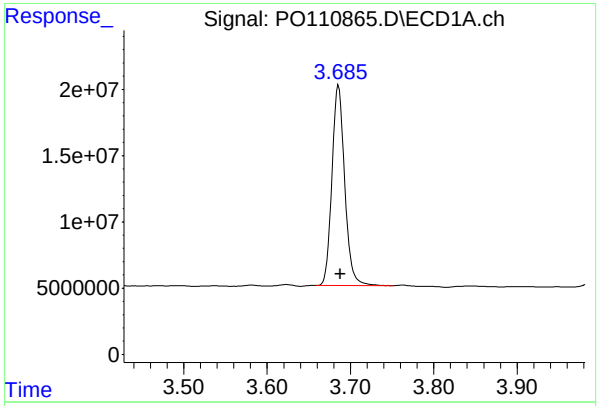
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:27:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



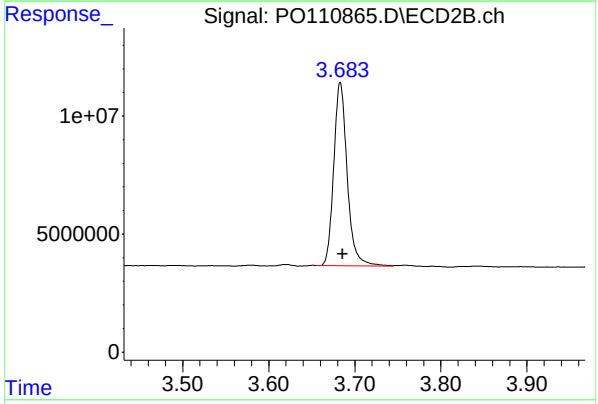




#1 Tetrachloro-m-xylene

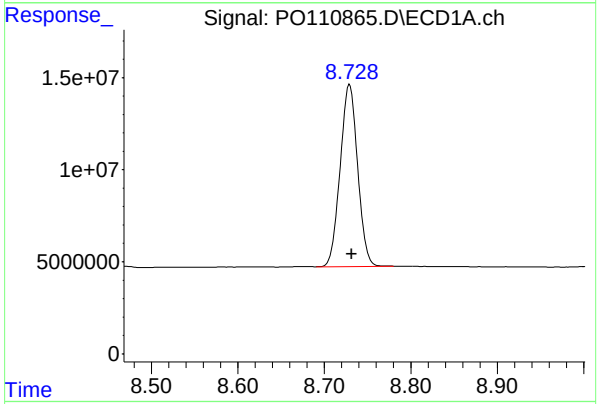
R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 160952706
Conc: 18.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



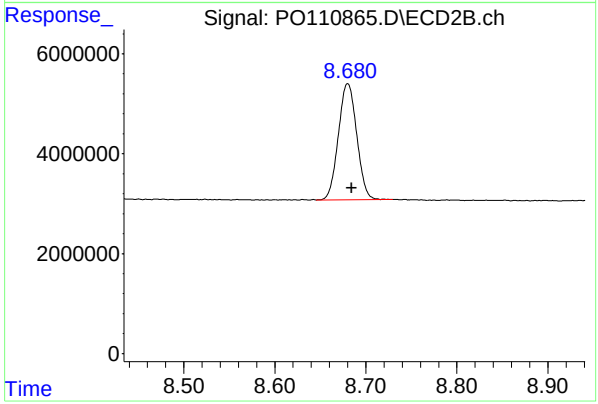
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 84295389
Conc: 16.89 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.729 min
Delta R.T.: -0.003 min
Response: 138260960
Conc: 17.51 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.680 min
Delta R.T.: -0.004 min
Response: 32608782
Conc: 16.94 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	04/29/25
Project:	Raymark Superfund Site	Date Received:	04/29/25
Client Sample ID:	PIBLK-PO110880.D	SDG No.:	Q1883
Lab Sample ID:	I.BLK-PO110880.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
PO110880.D	1		04/29/25	PO042925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.25	U	0.097	0.25	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.13	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.25	U	0.096	0.25	0.50	ug/L
53469-21-9	Aroclor-1242	0.25	U	0.12	0.25	0.50	ug/L
12672-29-6	Aroclor-1248	0.25	U	0.071	0.25	0.50	ug/L
11097-69-1	Aroclor-1254	0.25	U	0.094	0.25	0.50	ug/L
11096-82-5	Aroclor-1260	0.25	U	0.081	0.25	0.50	ug/L
37324-23-5	Aroclor-1262	0.40	U	0.14	0.40	0.50	ug/L
11100-14-4	Aroclor-1268	0.25	U	0.11	0.25	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	17.0		60 - 140		85%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.6		60 - 140		83%	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\PO042925\
Data File : PO110880.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 23:31
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: Apr 30 02:31:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.683	160.9E6	84607702	18.392	16.956
2)	SA Decachlor...	8.729	8.679	131.2E6	32076555	16.618	16.663
	Target Compounds						

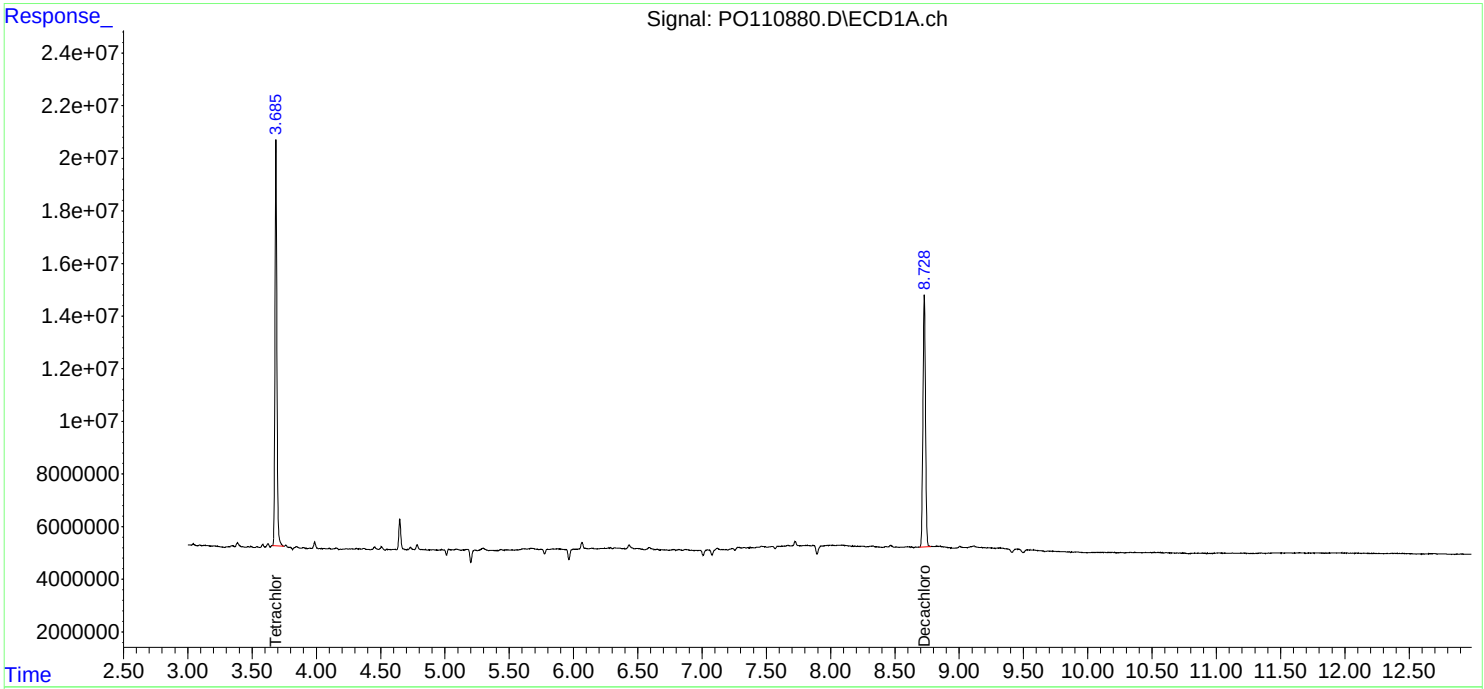
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

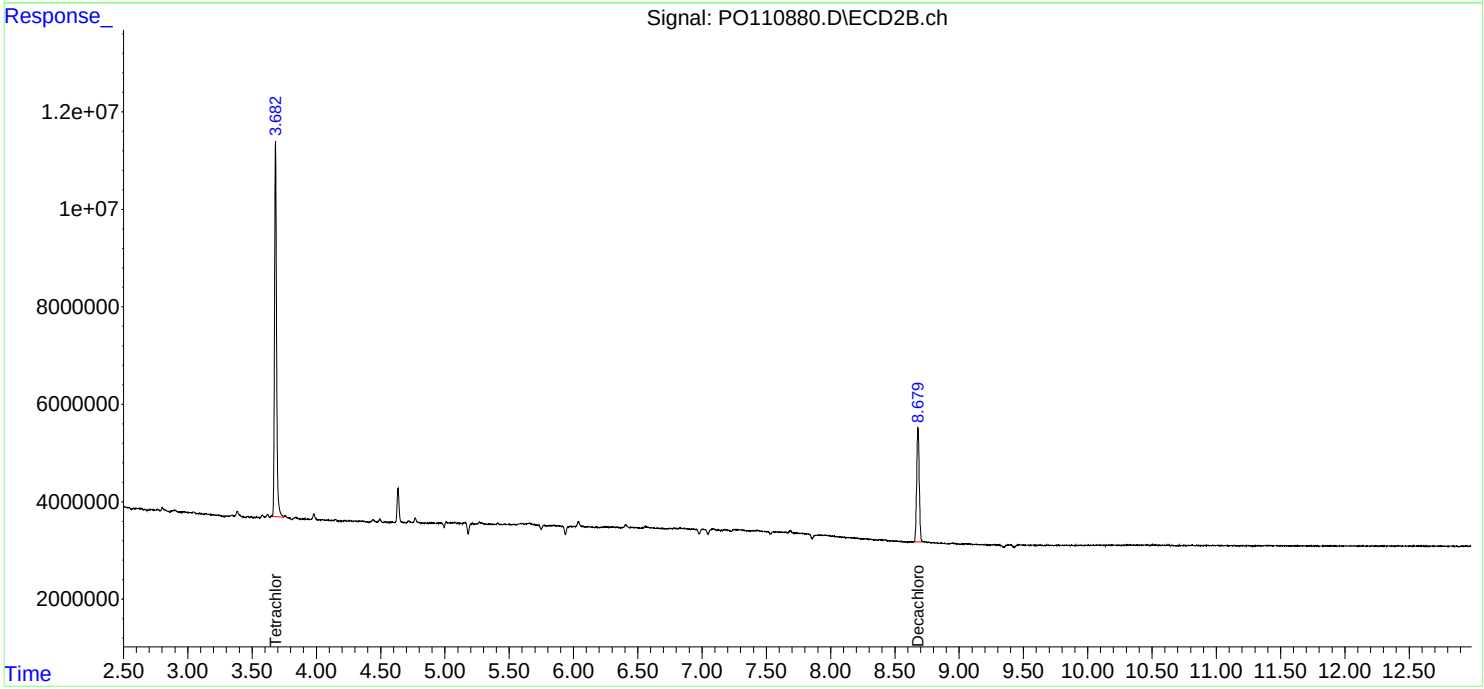
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042925\
Data File : PO110880.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 23:31
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

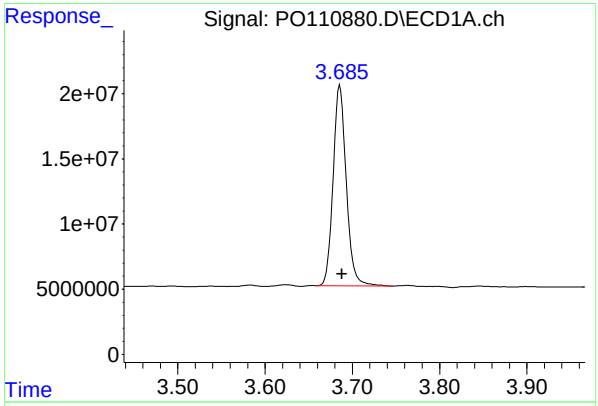
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:31:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



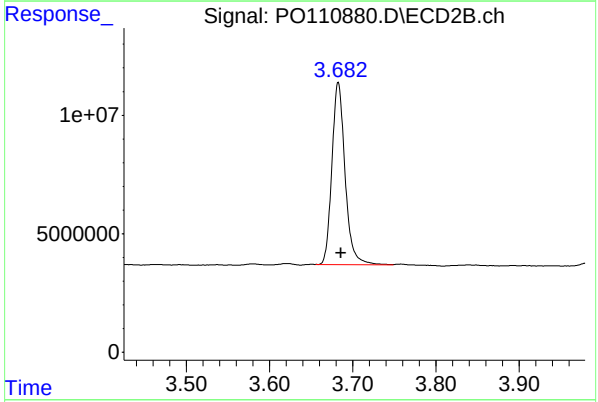




#1 Tetrachloro-m-xylene

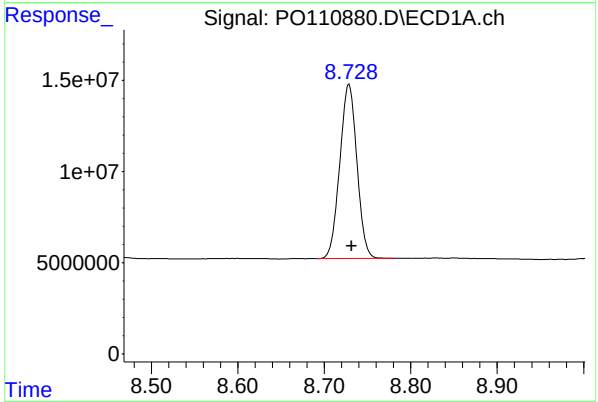
R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 160916942
Conc: 18.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



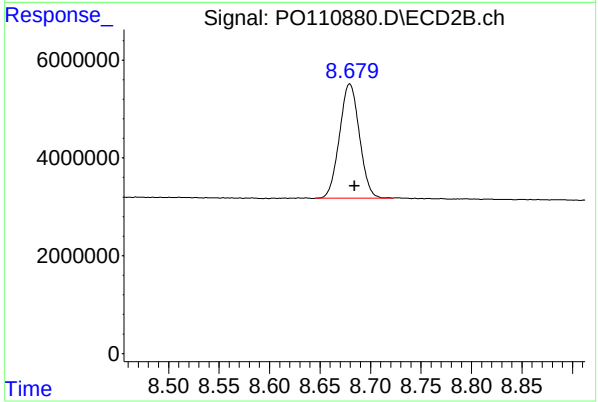
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 84607702
Conc: 16.96 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.729 min
Delta R.T.: -0.003 min
Response: 131197861
Conc: 16.62 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.679 min
Delta R.T.: -0.005 min
Response: 32076555
Conc: 16.66 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	04/22/25
Project:	Raymark Superfund Site	Date Received:	04/22/25
Client Sample ID:	PIBLK-PP071388.D	SDG No.:	Q1883
Lab Sample ID:	I.BLK-PP071388.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
PP071388.D	1		04/22/25	PP042225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.25	U	0.097	0.25	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.13	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.25	U	0.096	0.25	0.50	ug/L
53469-21-9	Aroclor-1242	0.25	U	0.12	0.25	0.50	ug/L
12672-29-6	Aroclor-1248	0.25	U	0.071	0.25	0.50	ug/L
11097-69-1	Aroclor-1254	0.25	U	0.094	0.25	0.50	ug/L
11096-82-5	Aroclor-1260	0.25	U	0.081	0.25	0.50	ug/L
37324-23-5	Aroclor-1262	0.40	U	0.14	0.40	0.50	ug/L
11100-14-4	Aroclor-1268	0.25	U	0.11	0.25	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	17.1		60 - 140		85%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.6		60 - 140		88%	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_P\Data\PP042225\
Data File : PP071388.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 10:13
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 19:33:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 17:08:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.512	3.811	33865777	24238749	17.081	17.207
2)	SA Decachlor...	10.233	8.847	25533987	15462668	17.634	17.630
	Target Compounds						

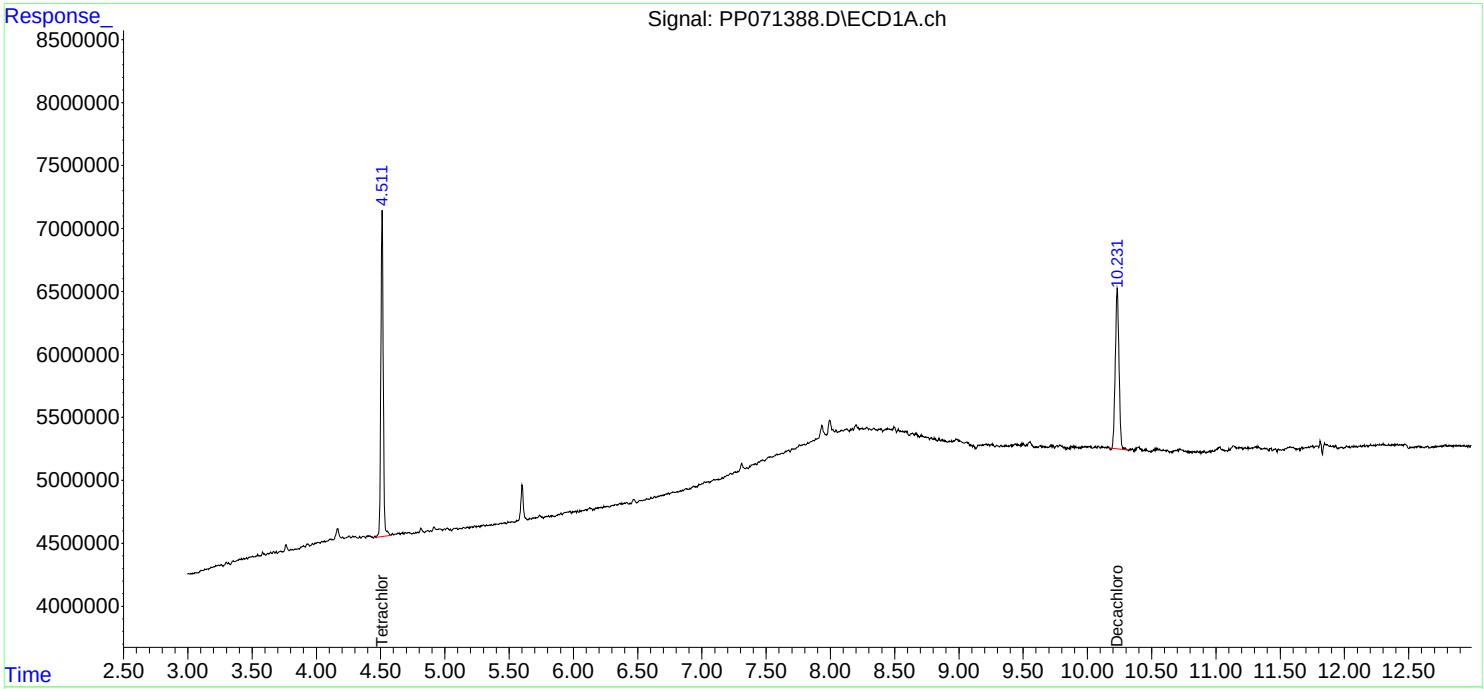
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

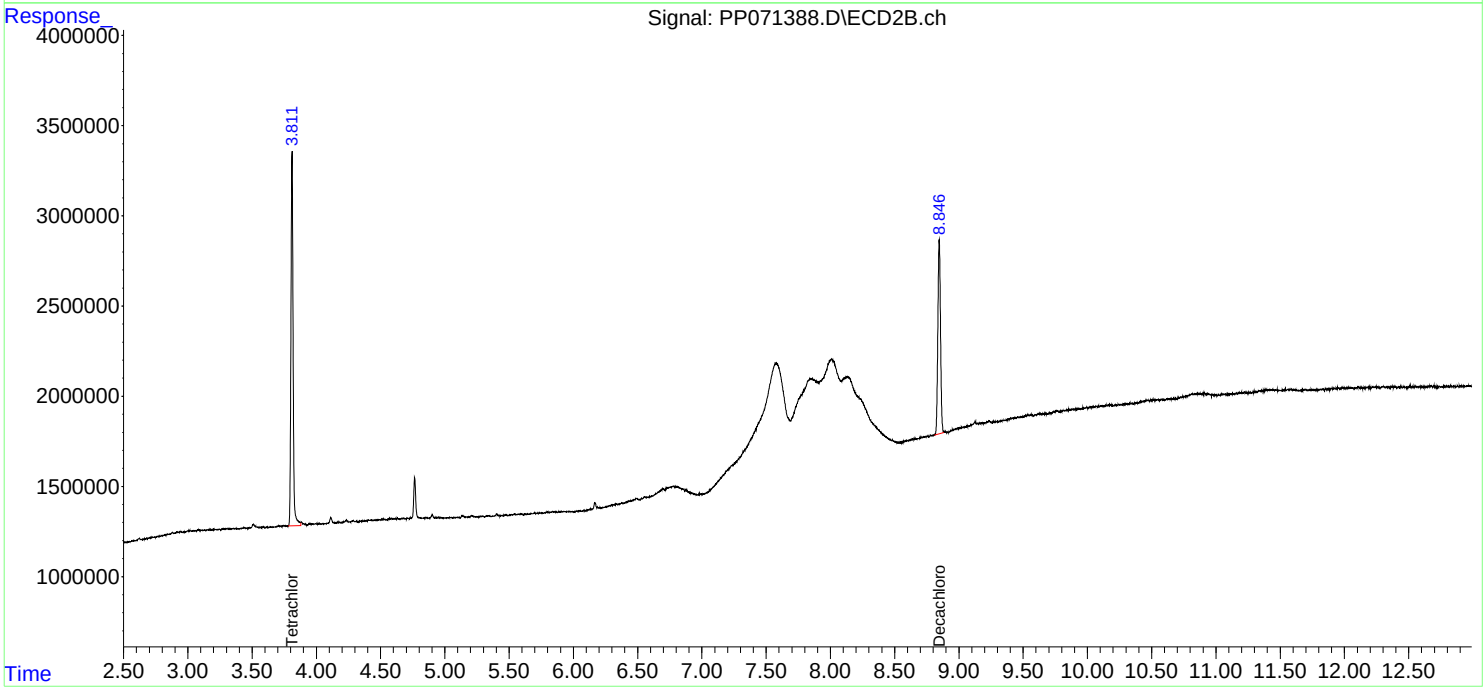
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071388.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 10:13
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

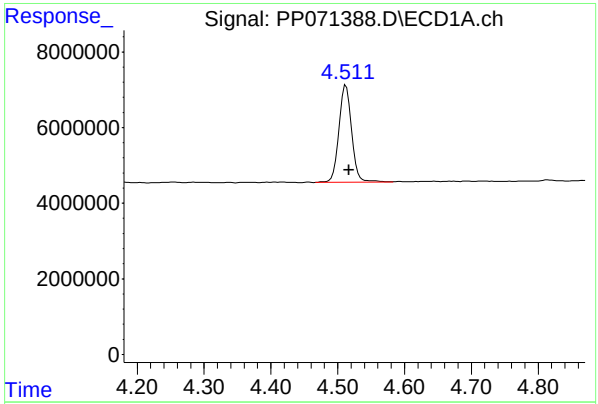
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 19:33:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 17:08:14 2025
Response via : Initial Calibration
Integrator: ChemStation

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



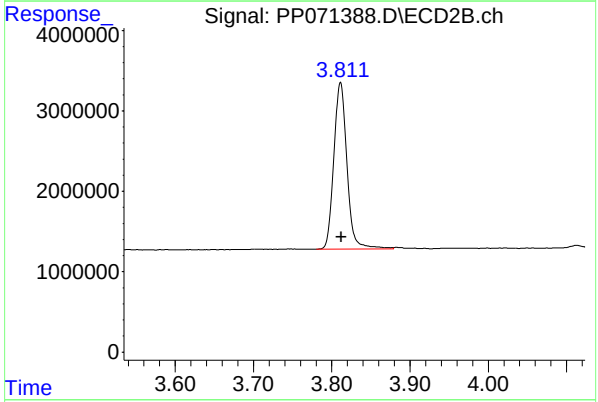




#1 Tetrachloro-m-xylene

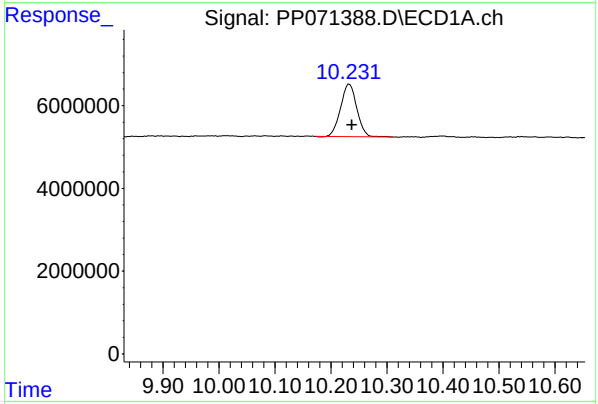
R.T.: 4.512 min
Delta R.T.: -0.005 min
Response: 33865777
Conc: 17.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



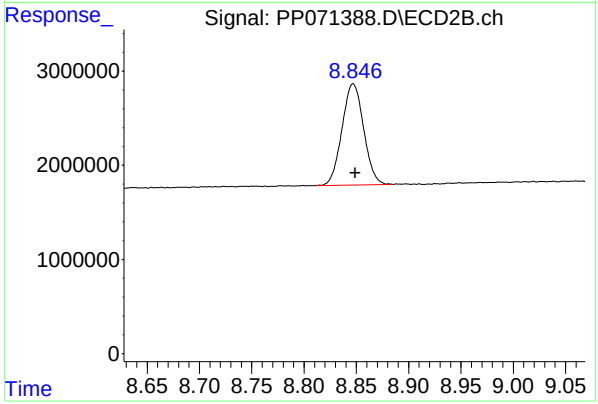
#1 Tetrachloro-m-xylene

R.T.: 3.811 min
Delta R.T.: -0.001 min
Response: 24238749
Conc: 17.21 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.233 min
Delta R.T.: -0.005 min
Response: 25533987
Conc: 17.63 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.847 min
Delta R.T.: -0.002 min
Response: 15462668
Conc: 17.63 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	04/29/25
Project:	Raymark Superfund Site	Date Received:	04/29/25
Client Sample ID:	PIBLK-PP071603.D	SDG No.:	Q1883
Lab Sample ID:	I.BLK-PP071603.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
PP071603.D	1		04/29/25	PP042925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.25	U	0.097	0.25	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.13	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.25	U	0.096	0.25	0.50	ug/L
53469-21-9	Aroclor-1242	0.25	U	0.12	0.25	0.50	ug/L
12672-29-6	Aroclor-1248	0.25	U	0.071	0.25	0.50	ug/L
11097-69-1	Aroclor-1254	0.25	U	0.094	0.25	0.50	ug/L
11096-82-5	Aroclor-1260	0.25	U	0.081	0.25	0.50	ug/L
37324-23-5	Aroclor-1262	0.40	U	0.14	0.40	0.50	ug/L
11100-14-4	Aroclor-1268	0.25	U	0.11	0.25	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	15.9		60 - 140		79%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.3		60 - 140		86%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071603.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 11:40
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:23:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.513	3.810	31514881	25751652	15.895	18.281
2)	SA Decachlor...	10.229	8.841	25049096	16336236	17.299	18.626
	Target Compounds						

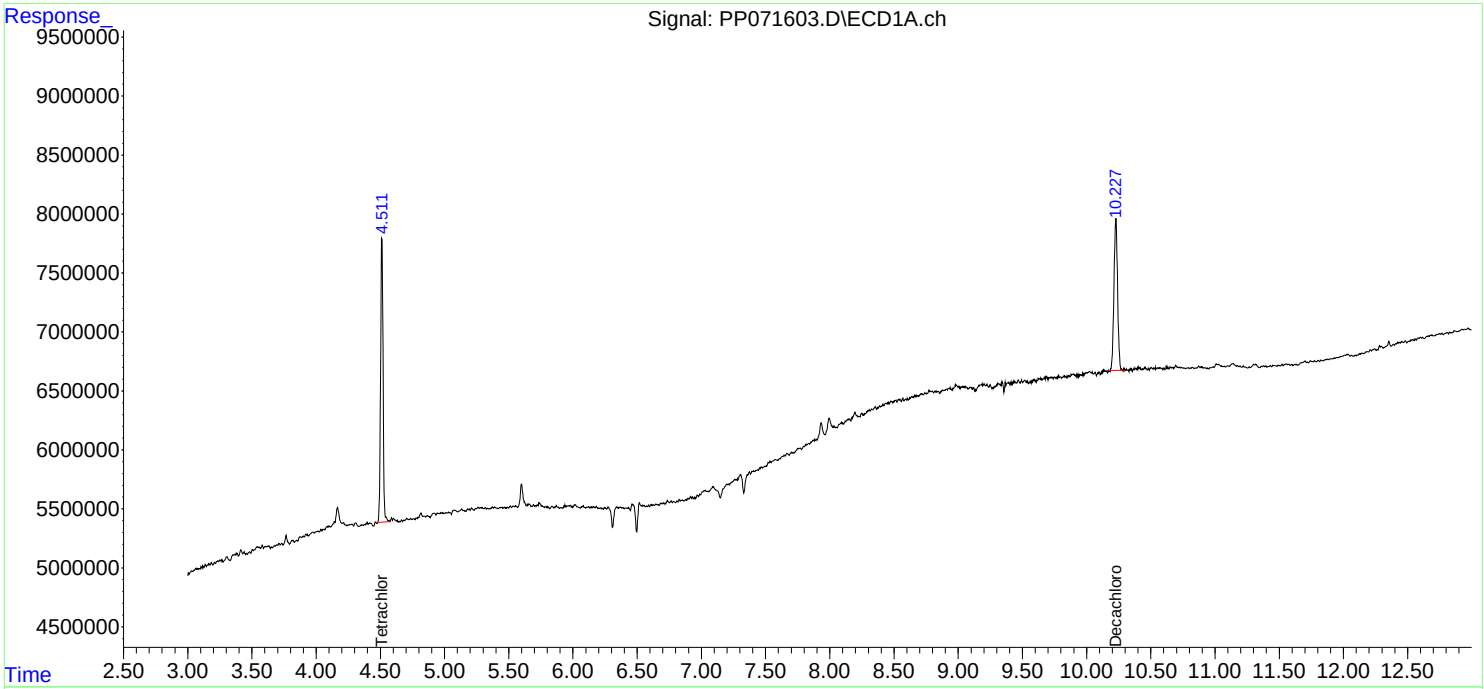
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

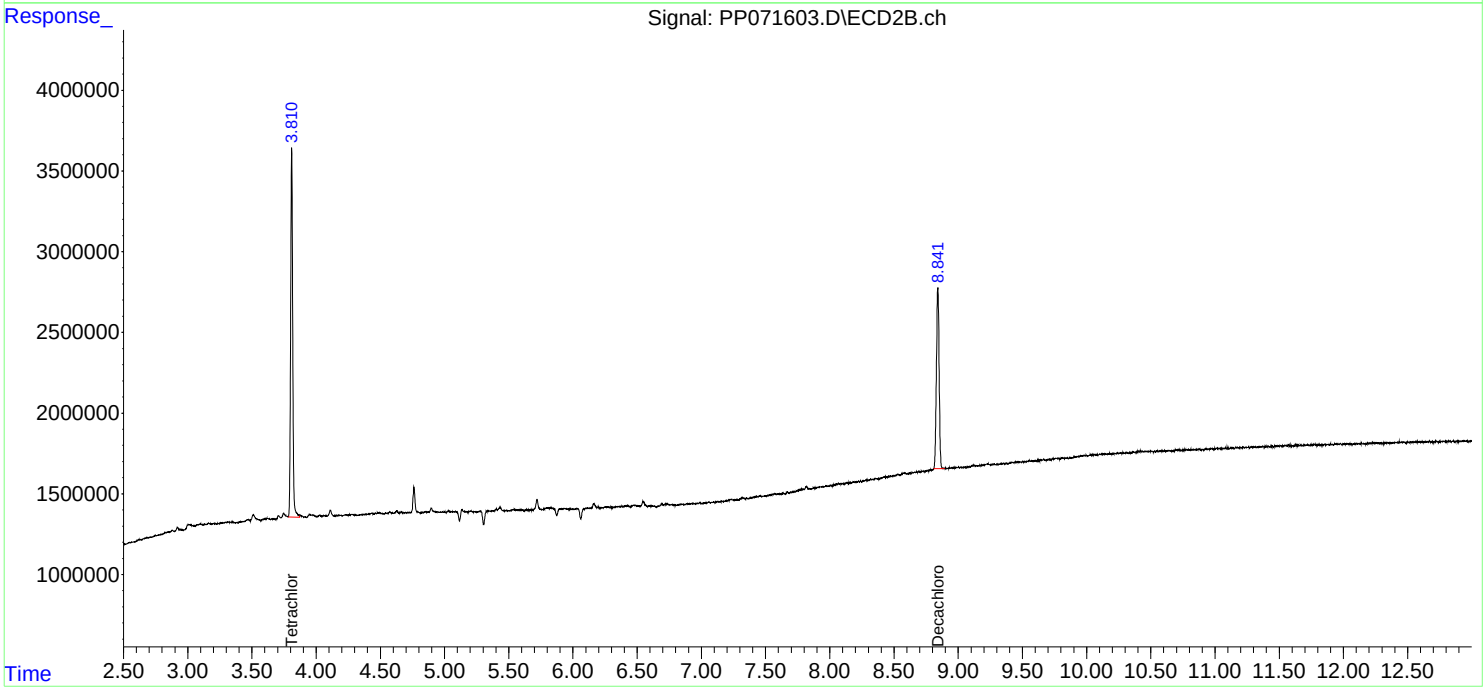
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071603.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 11:40
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

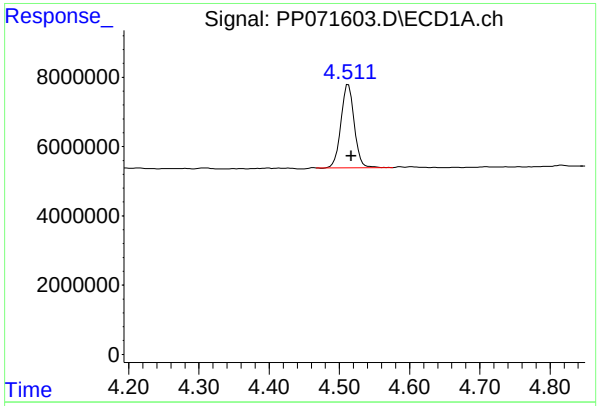
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:23:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



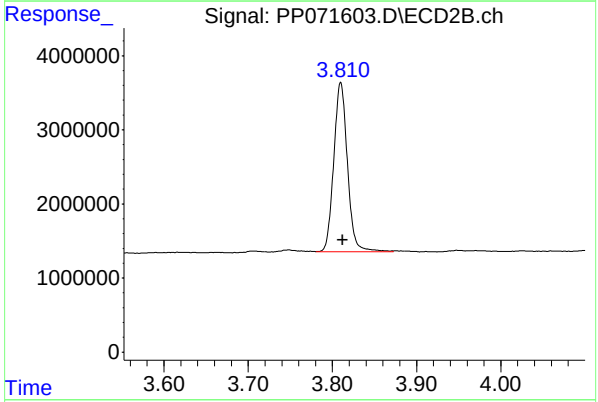




#1 Tetrachloro-m-xylene

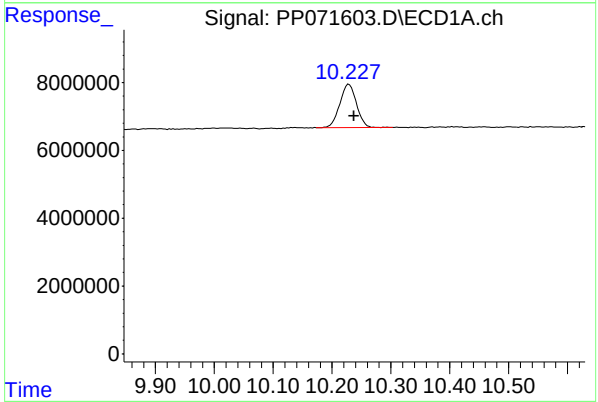
R.T.: 4.513 min
Delta R.T.: -0.004 min
Response: 31514881
Conc: 15.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



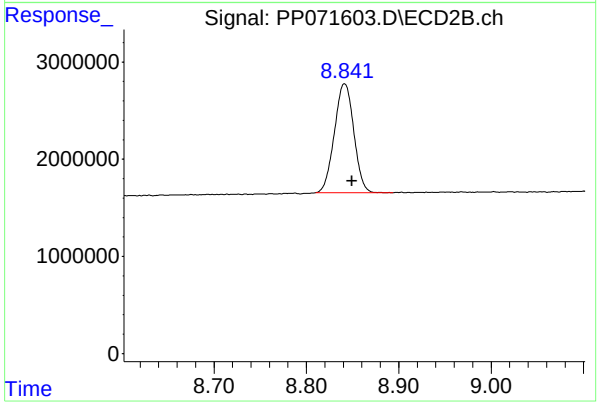
#1 Tetrachloro-m-xylene

R.T.: 3.810 min
Delta R.T.: -0.002 min
Response: 25751652
Conc: 18.28 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.229 min
Delta R.T.: -0.009 min
Response: 25049096
Conc: 17.30 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.841 min
Delta R.T.: -0.008 min
Response: 16336236
Conc: 18.63 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	04/29/25
Project:	Raymark Superfund Site	Date Received:	04/29/25
Client Sample ID:	PIBLK-PP071618.D	SDG No.:	Q1883
Lab Sample ID:	I.BLK-PP071618.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
PP071618.D	1		04/29/25	PP042925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.25	U	0.097	0.25	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.13	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.25	U	0.096	0.25	0.50	ug/L
53469-21-9	Aroclor-1242	0.25	U	0.12	0.25	0.50	ug/L
12672-29-6	Aroclor-1248	0.25	U	0.071	0.25	0.50	ug/L
11097-69-1	Aroclor-1254	0.25	U	0.094	0.25	0.50	ug/L
11096-82-5	Aroclor-1260	0.25	U	0.081	0.25	0.50	ug/L
37324-23-5	Aroclor-1262	0.40	U	0.14	0.40	0.50	ug/L
11100-14-4	Aroclor-1268	0.25	U	0.11	0.25	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	16.0		60 - 140		80%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.0		60 - 140		90%	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_P\Data\PP042925\
Data File : PP071618.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 17:51
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:27:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.511	3.810	31687452	24292520	15.982	17.245
2)	SA Decachlor...	10.228	8.842	26119160	16903953	18.038	19.274
	Target Compounds						

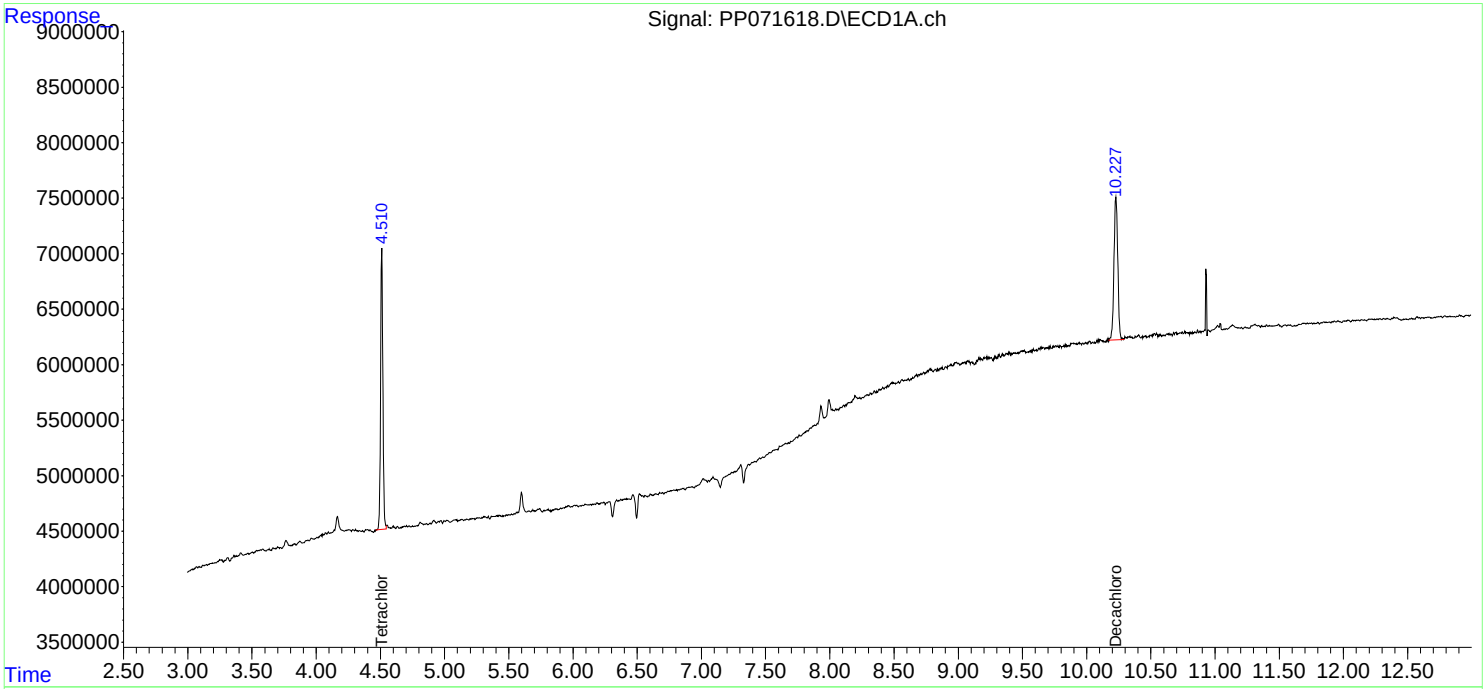
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

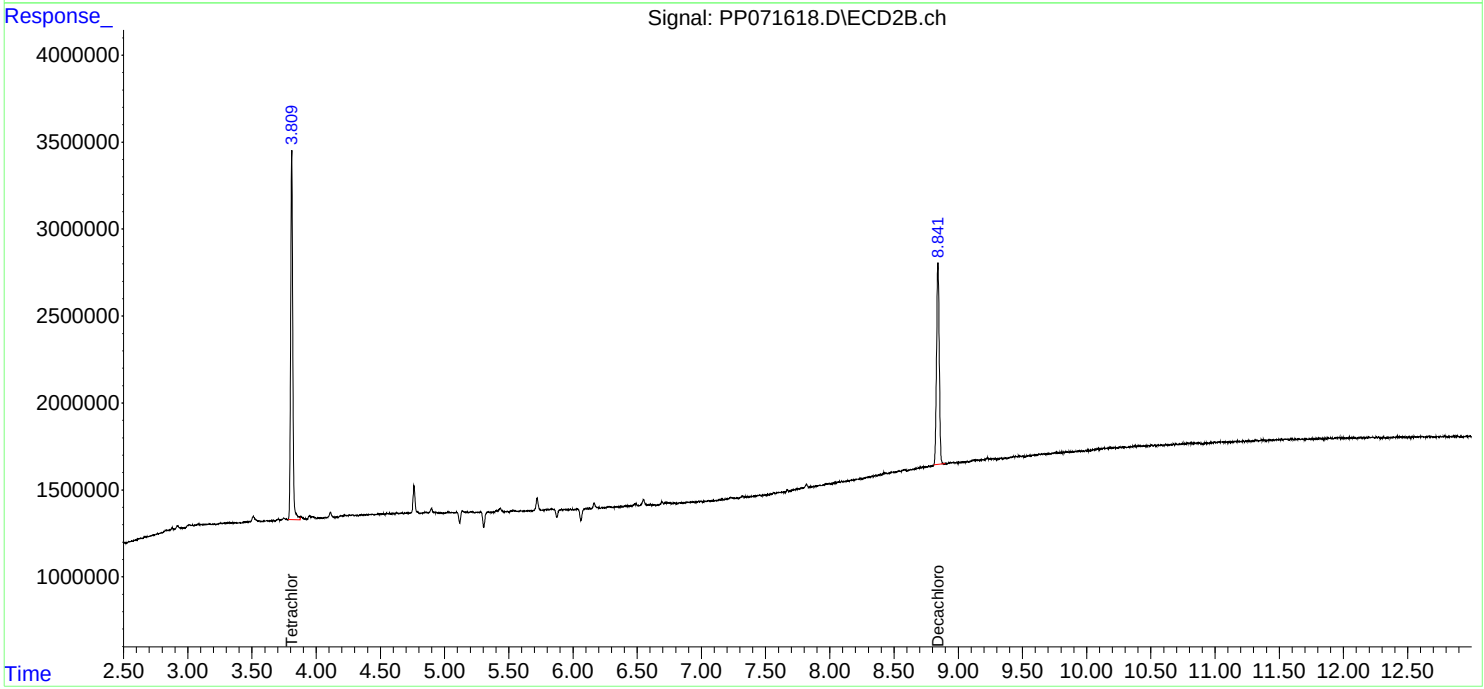
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071618.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 17:51
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

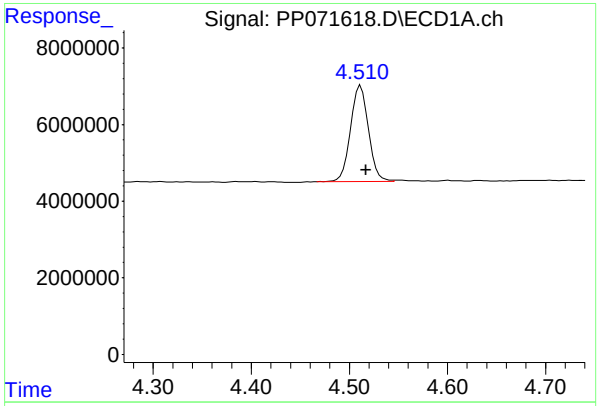
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:27:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



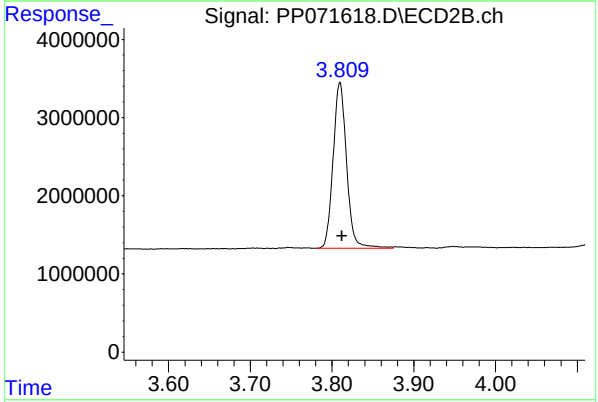




#1 Tetrachloro-m-xylene

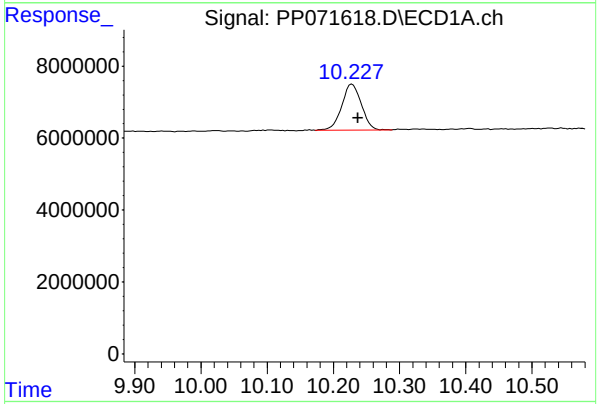
R.T.: 4.511 min
Delta R.T.: -0.006 min
Response: 31687452
Conc: 15.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



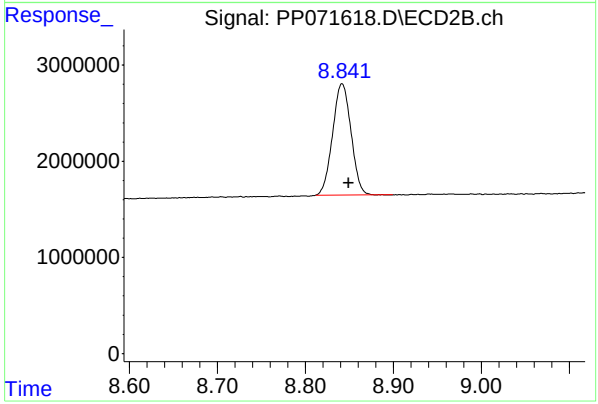
#1 Tetrachloro-m-xylene

R.T.: 3.810 min
Delta R.T.: -0.003 min
Response: 24292520
Conc: 17.25 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.228 min
Delta R.T.: -0.009 min
Response: 26119160
Conc: 18.04 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.842 min
Delta R.T.: -0.007 min
Response: 16903953
Conc: 19.27 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	04/29/25
Project:	Raymark Superfund Site	Date Received:	04/29/25
Client Sample ID:	PIBLK-PP071633.D	SDG No.:	Q1883
Lab Sample ID:	I.BLK-PP071633.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
PP071633.D	1		04/29/25	PP042925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.25	U	0.097	0.25	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.13	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.25	U	0.096	0.25	0.50	ug/L
53469-21-9	Aroclor-1242	0.25	U	0.12	0.25	0.50	ug/L
12672-29-6	Aroclor-1248	0.25	U	0.071	0.25	0.50	ug/L
11097-69-1	Aroclor-1254	0.25	U	0.094	0.25	0.50	ug/L
11096-82-5	Aroclor-1260	0.25	U	0.081	0.25	0.50	ug/L
37324-23-5	Aroclor-1262	0.40	U	0.14	0.40	0.50	ug/L
11100-14-4	Aroclor-1268	0.25	U	0.11	0.25	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	16.8		60 - 140		84%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.0		60 - 140		90%	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_P\Data\PP042925\
Data File : PP071633.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 23:17
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:31:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.514	3.810	33219317	25578699	16.755	18.158
2)	SA Decachlor...	10.231	8.841	26115810	16853674	18.036	19.216
	Target Compounds						

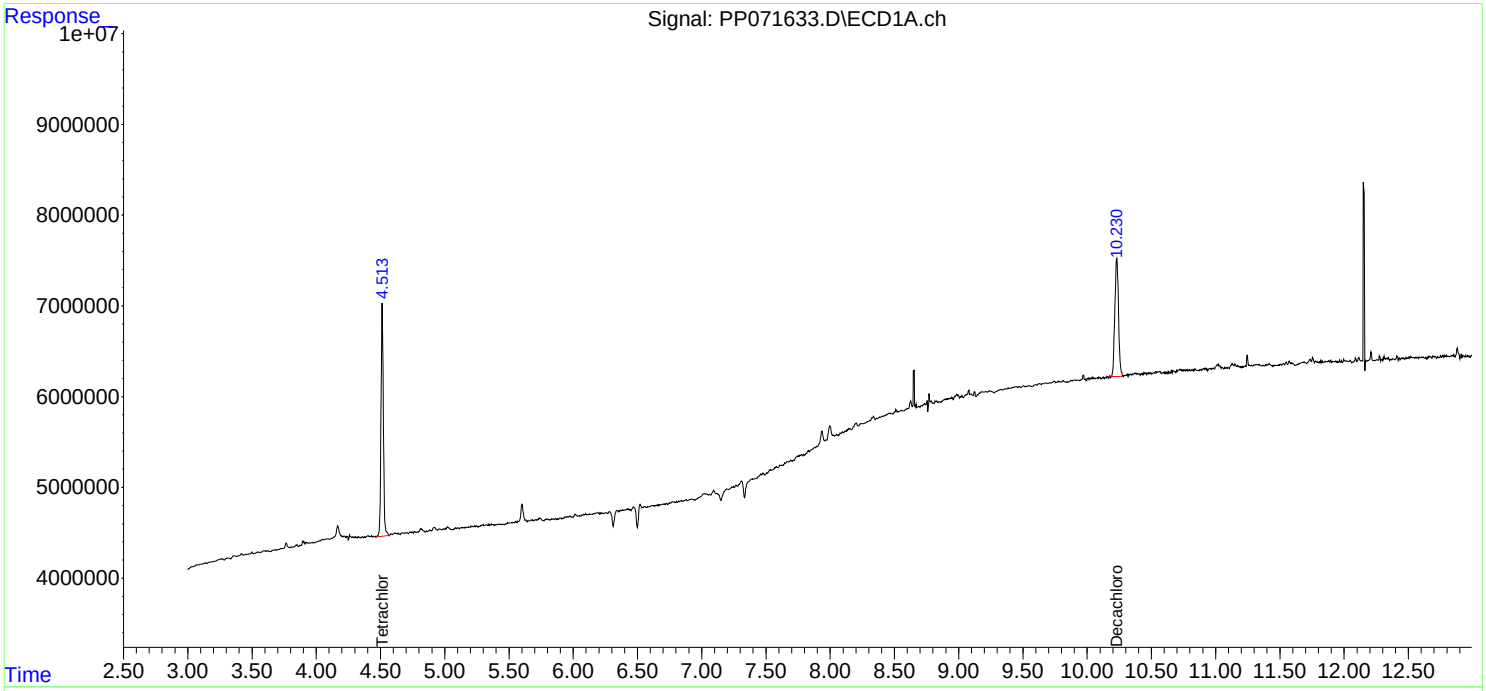
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

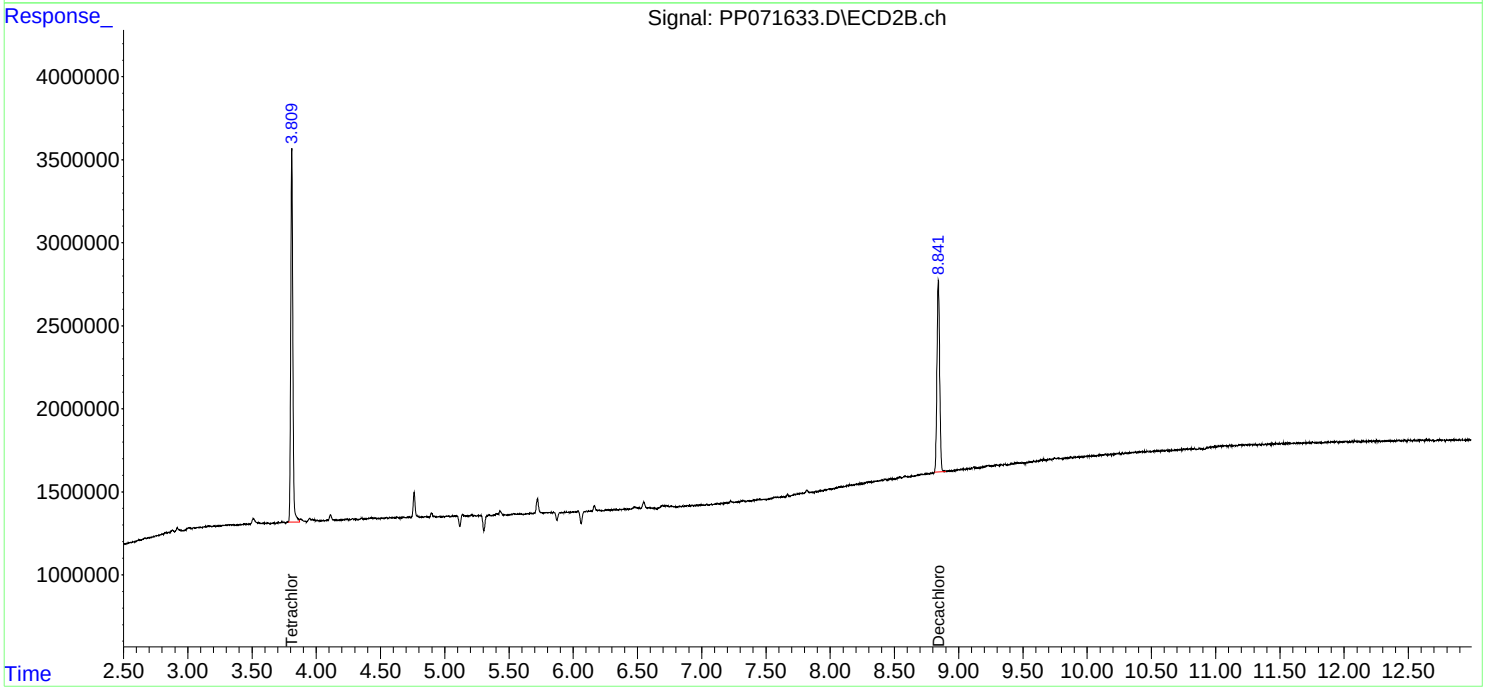
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071633.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 23:17
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

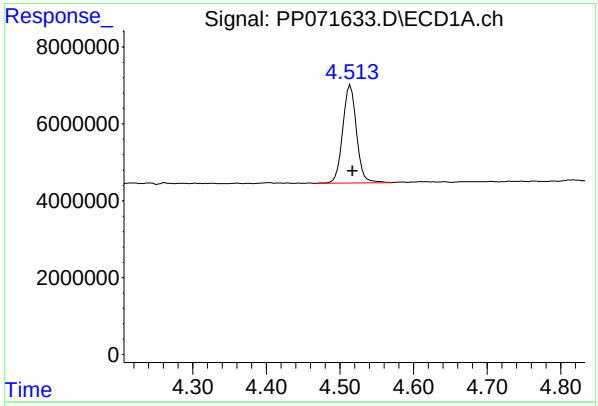
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:31:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



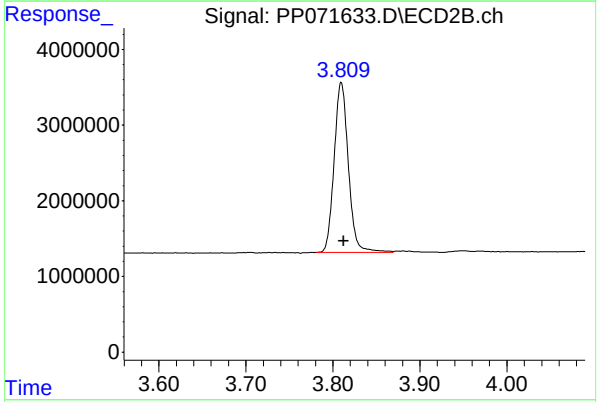




#1 Tetrachloro-m-xylene

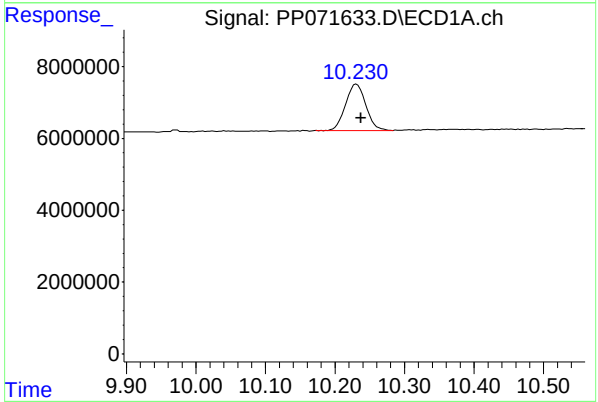
R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 33219317
Conc: 16.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



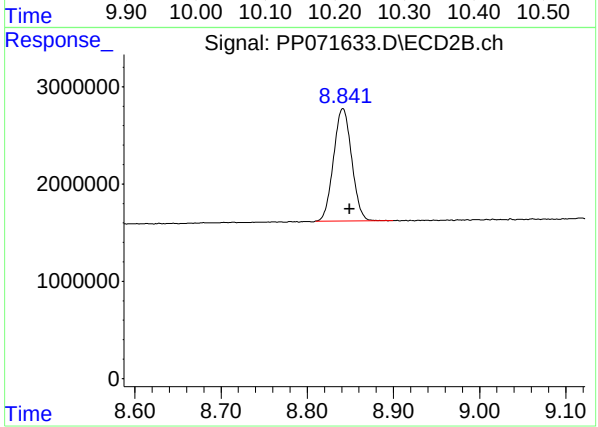
#1 Tetrachloro-m-xylene

R.T.: 3.810 min
Delta R.T.: -0.003 min
Response: 25578699
Conc: 18.16 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.231 min
Delta R.T.: -0.006 min
Response: 26115810
Conc: 18.04 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.841 min
Delta R.T.: -0.008 min
Response: 16853674
Conc: 19.22 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	
Project:	Raymark Superfund Site	Date Received:	
Client Sample ID:	PB167776BS	SDG No.:	Q1883
Lab Sample ID:	PB167776BS	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
PP071608.D	1	04/29/25 08:35	04/29/25 13:46	PB167776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	156		3.90	8.30	17.0	ug/kg
11104-28-2	Aroclor-1221	13.0	U	4.00	13.0	17.0	ug/kg
11141-16-5	Aroclor-1232	8.30	U	3.70	8.30	17.0	ug/kg
53469-21-9	Aroclor-1242	8.30	U	4.00	8.30	17.0	ug/kg
12672-29-6	Aroclor-1248	13.0	U	5.90	13.0	17.0	ug/kg
11097-69-1	Aroclor-1254	8.30	U	3.20	8.30	17.0	ug/kg
37324-23-5	Aroclor-1262	13.0	U	5.00	13.0	17.0	ug/kg
11100-14-4	Aroclor-1268	8.30	U	3.60	8.30	17.0	ug/kg
11096-82-5	Aroclor-1260	157		3.20	8.30	17.0	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.7		44 - 130		103%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.3		60 - 125		106%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071608.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 13:46
Operator : YP\AJ
Sample : PB167776BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB167776BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:24:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.514	3.810	38630891	29149931	19.485	20.694
2)	SA Decachlor...	10.232	8.842	30328269	18681272	20.945	21.300
	Target Compounds						
3)	L1 AR-1016-1	5.667	4.894	28845238	24773400	430.206	462.764
4)	L1 AR-1016-2	5.689	4.912	45302522	36142238	441.423	473.291
5)	L1 AR-1016-3	5.752	5.090	26549957	20012383	430.676	474.110
6)	L1 AR-1016-4	5.849	5.131	22599382	16141723	440.550	468.067
7)	L1 AR-1016-5	6.141	5.345	20419433	20511525	423.303	461.480
31)	L7 AR-1260-1	7.260	6.380	43208600	35825558	449.974	495.518
32)	L7 AR-1260-2	7.513	6.569	65090459	43301678	454.932	495.095
33)	L7 AR-1260-3	7.872	6.721	44718458	39170399	398.901	499.702 #
34)	L7 AR-1260-4	8.097	7.192	47301593	27738940	419.099	439.529
35)	L7 AR-1260-5	8.416	7.434	95335211	64379860	420.770	426.986

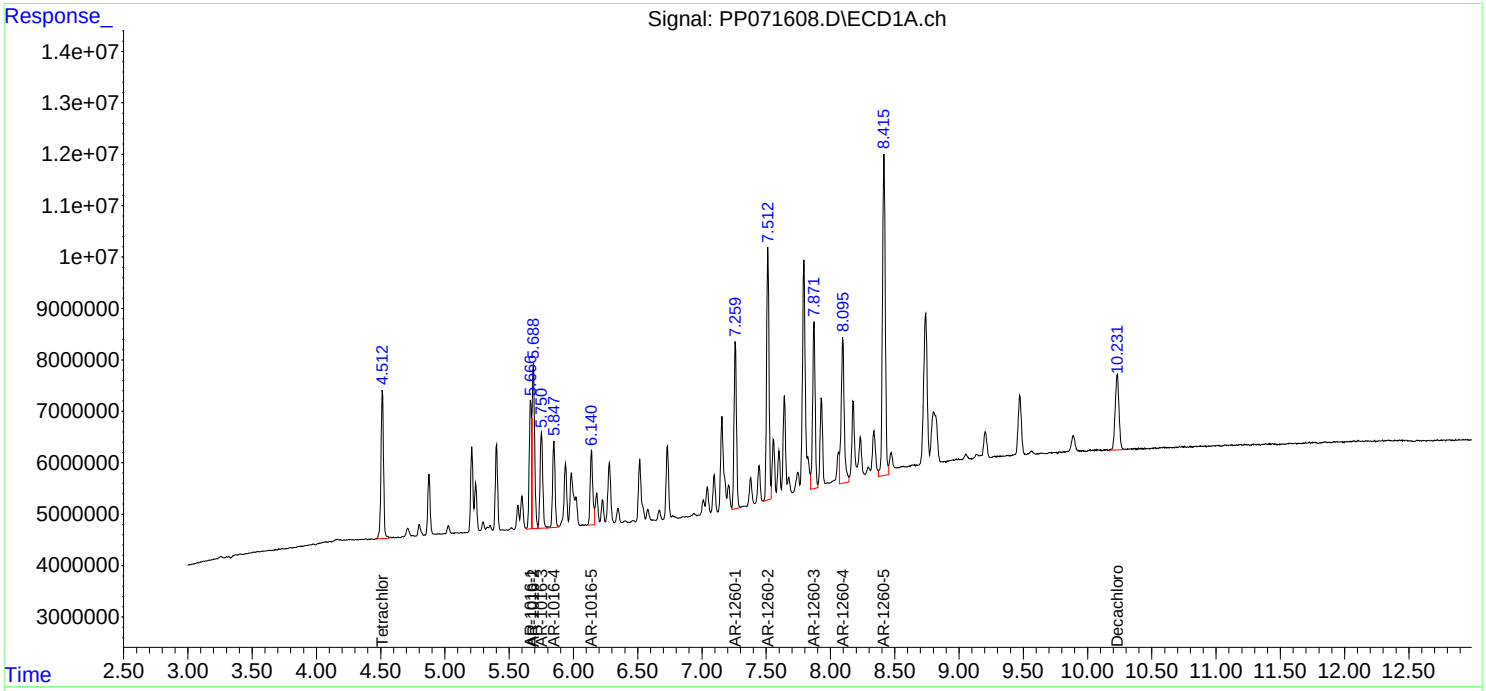
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

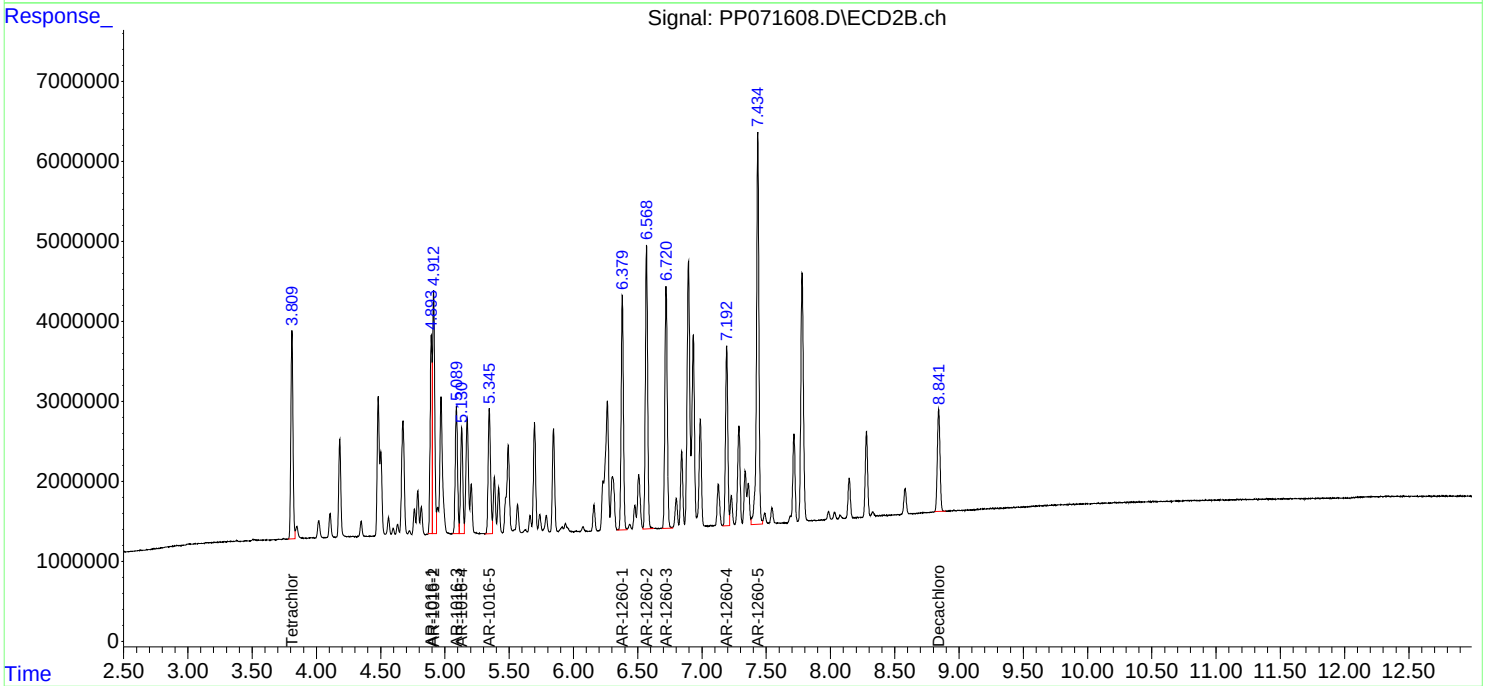
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071608.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 13:46
Operator : YP\AJ
Sample : PB167776BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

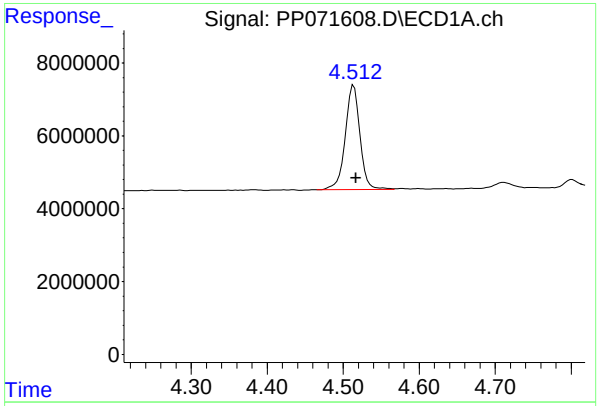
Instrument :
ECD_P
ClientSampleId :
PB167776BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:24:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



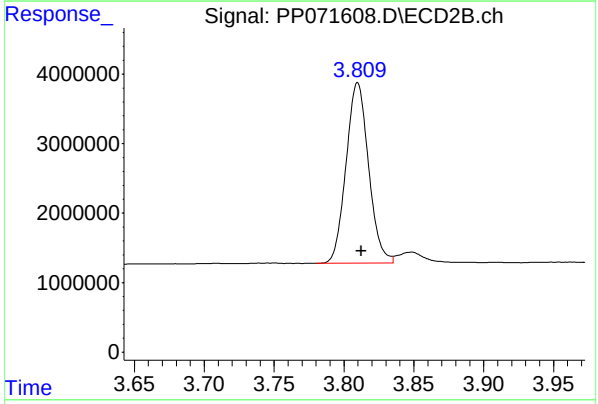




#1 Tetrachloro-m-xylene

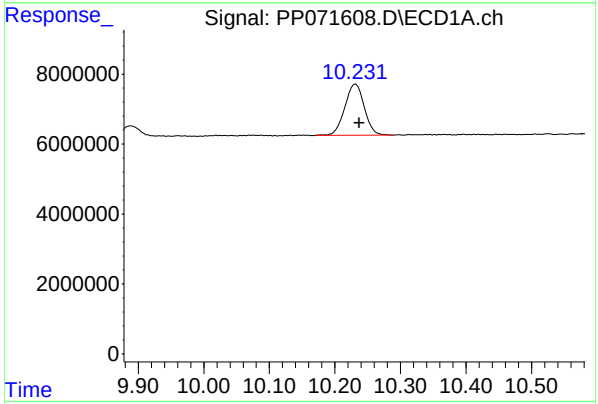
R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 38630891
Conc: 19.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167776BS



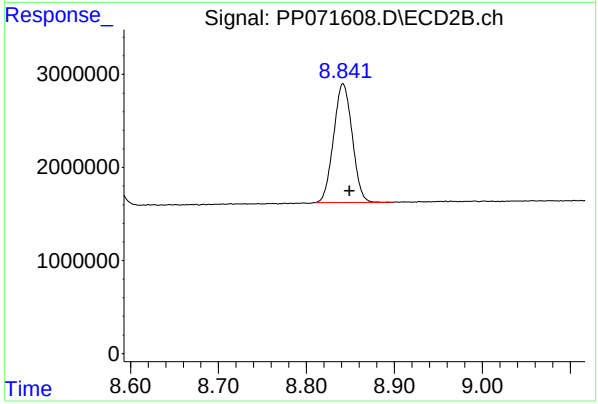
#1 Tetrachloro-m-xylene

R.T.: 3.810 min
Delta R.T.: -0.002 min
Response: 29149931
Conc: 20.69 ng/ml



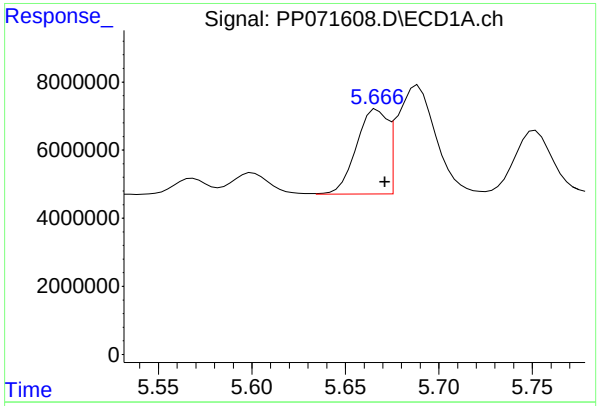
#2 Decachlorobiphenyl

R.T.: 10.232 min
Delta R.T.: -0.006 min
Response: 30328269
Conc: 20.94 ng/ml



#2 Decachlorobiphenyl

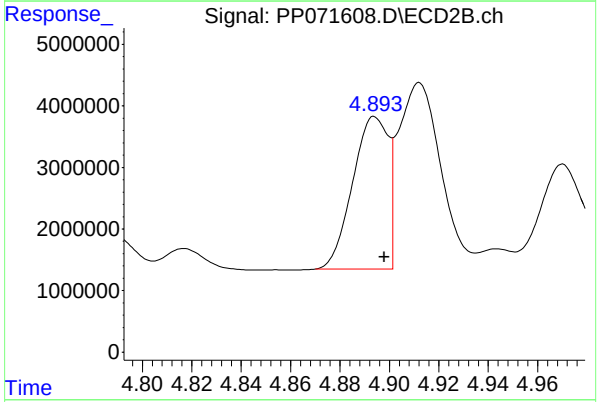
R.T.: 8.842 min
Delta R.T.: -0.007 min
Response: 18681272
Conc: 21.30 ng/ml



#3 AR-1016-1

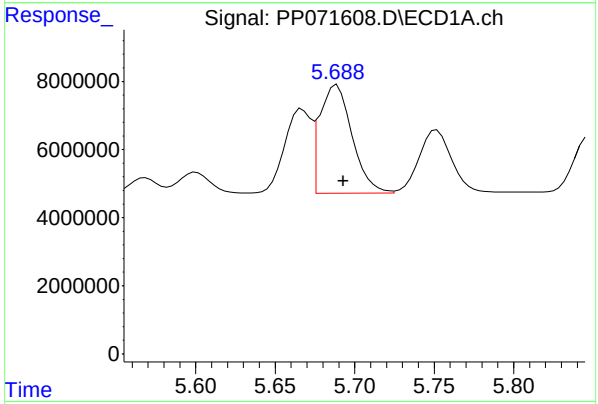
R.T.: 5.667 min
Delta R.T.: -0.004 min
Response: 28845238
Conc: 430.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167776BS



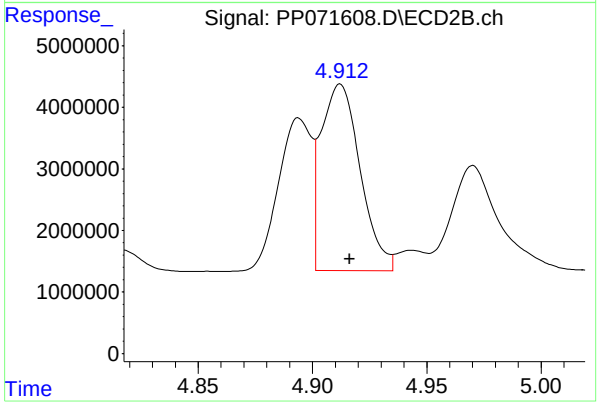
#3 AR-1016-1

R.T.: 4.894 min
Delta R.T.: -0.004 min
Response: 24773400
Conc: 462.76 ng/ml



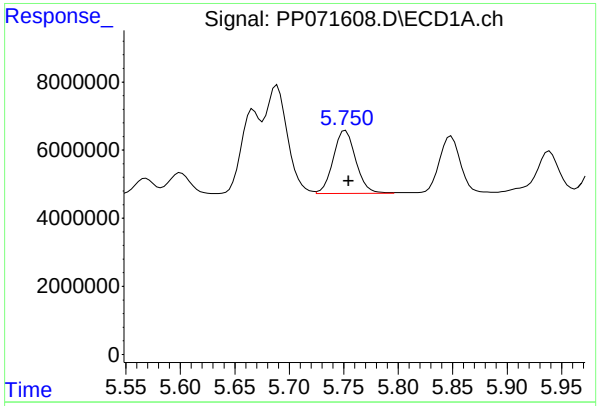
#4 AR-1016-2

R.T.: 5.689 min
Delta R.T.: -0.004 min
Response: 45302522
Conc: 441.42 ng/ml



#4 AR-1016-2

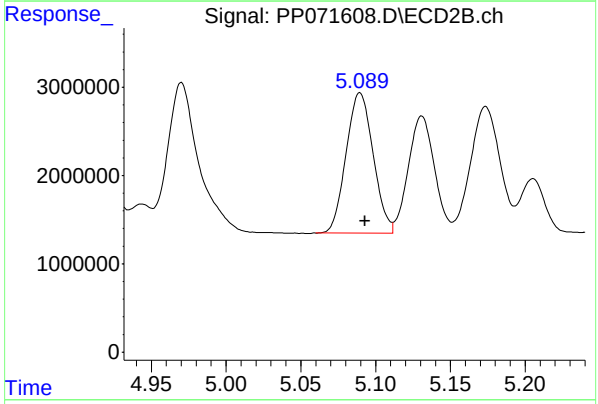
R.T.: 4.912 min
Delta R.T.: -0.004 min
Response: 36142238
Conc: 473.29 ng/ml



#5 AR-1016-3

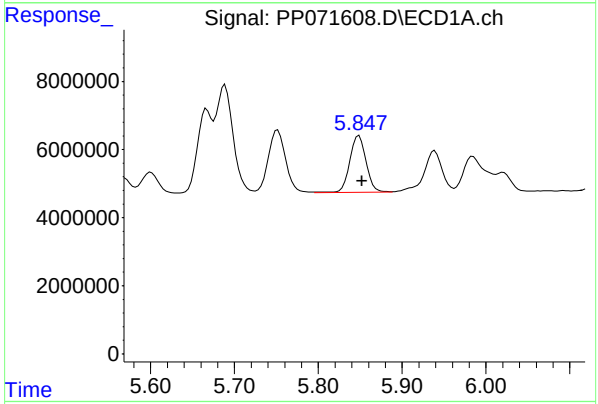
R.T.: 5.752 min
Delta R.T.: -0.003 min
Response: 26549957
Conc: 430.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167776BS



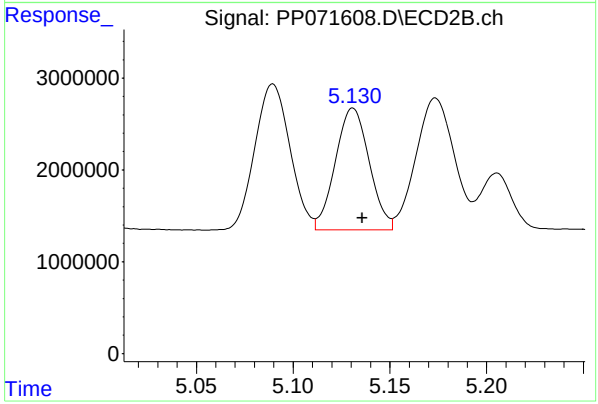
#5 AR-1016-3

R.T.: 5.090 min
Delta R.T.: -0.003 min
Response: 20012383
Conc: 474.11 ng/ml



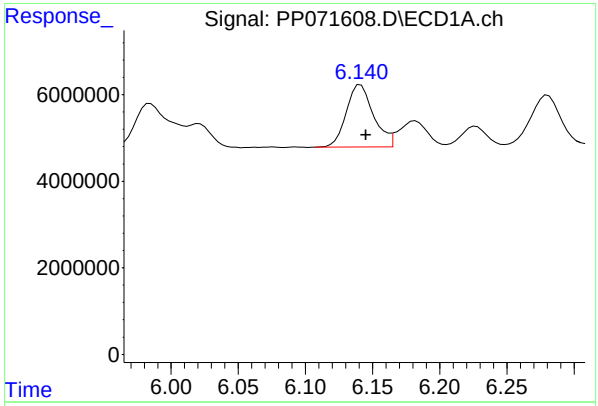
#6 AR-1016-4

R.T.: 5.849 min
Delta R.T.: -0.003 min
Response: 22599382
Conc: 440.55 ng/ml



#6 AR-1016-4

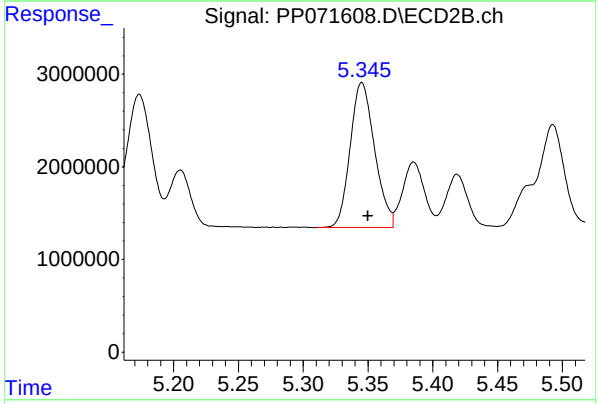
R.T.: 5.131 min
Delta R.T.: -0.005 min
Response: 16141723
Conc: 468.07 ng/ml



#7 AR-1016-5

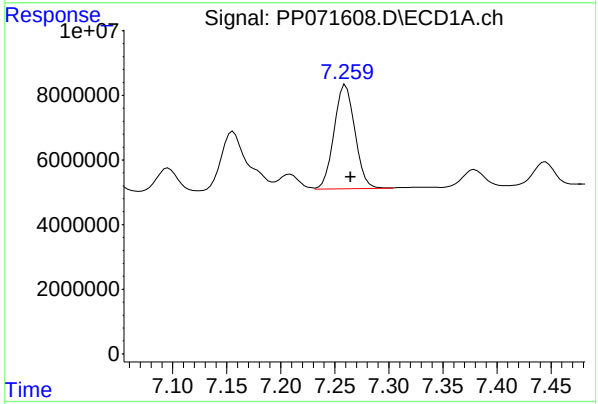
R.T.: 6.141 min
Delta R.T.: -0.004 min
Response: 20419433
Conc: 423.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167776BS



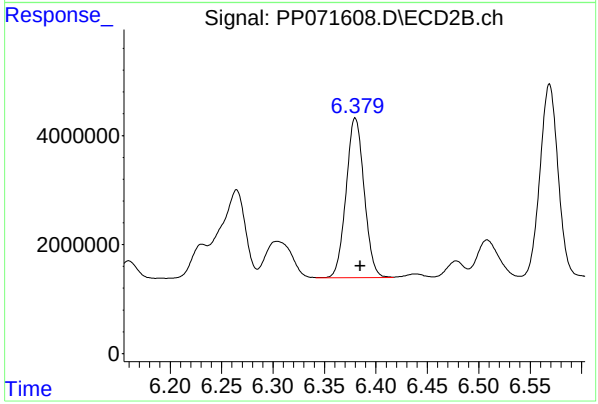
#7 AR-1016-5

R.T.: 5.345 min
Delta R.T.: -0.005 min
Response: 20511525
Conc: 461.48 ng/ml



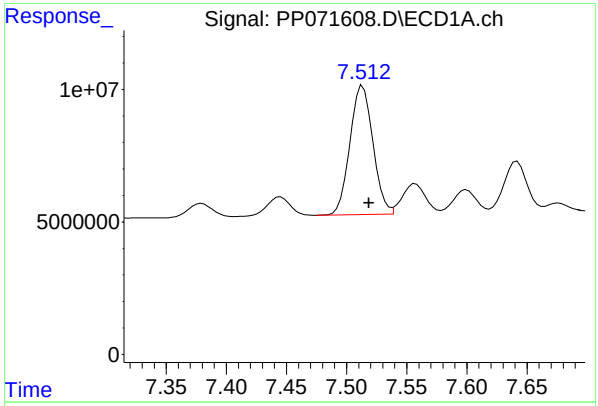
#31 AR-1260-1

R.T.: 7.260 min
Delta R.T.: -0.005 min
Response: 43208600
Conc: 449.97 ng/ml



#31 AR-1260-1

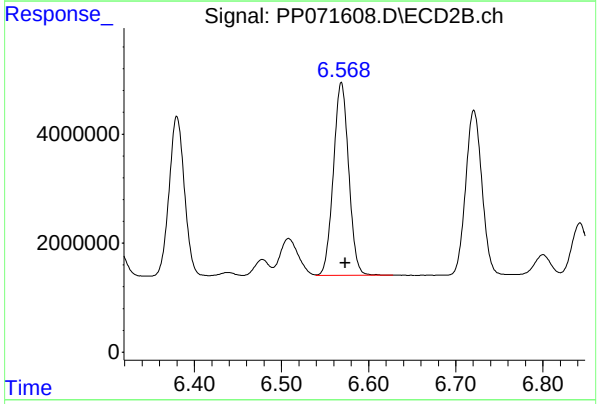
R.T.: 6.380 min
Delta R.T.: -0.005 min
Response: 35825558
Conc: 495.52 ng/ml



#32 AR-1260-2

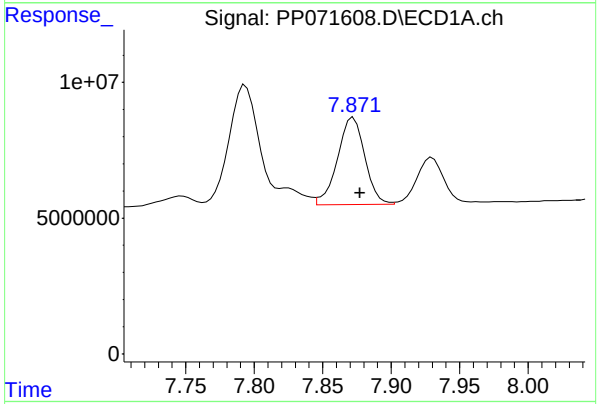
R.T.: 7.513 min
Delta R.T.: -0.005 min
Response: 65090459
Conc: 454.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167776BS



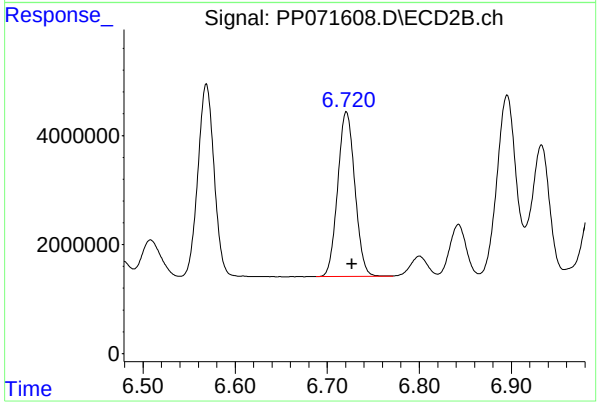
#32 AR-1260-2

R.T.: 6.569 min
Delta R.T.: -0.005 min
Response: 43301678
Conc: 495.09 ng/ml



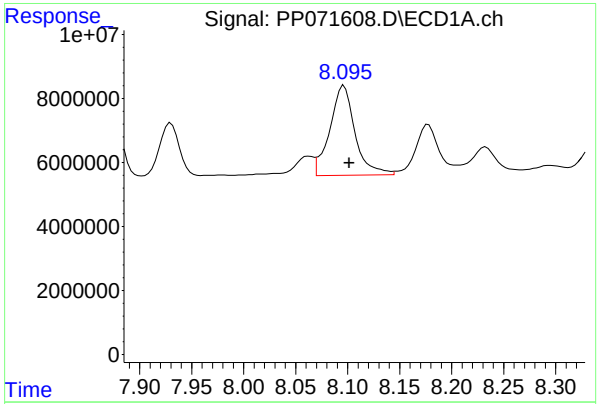
#33 AR-1260-3

R.T.: 7.872 min
Delta R.T.: -0.005 min
Response: 44718458
Conc: 398.90 ng/ml



#33 AR-1260-3

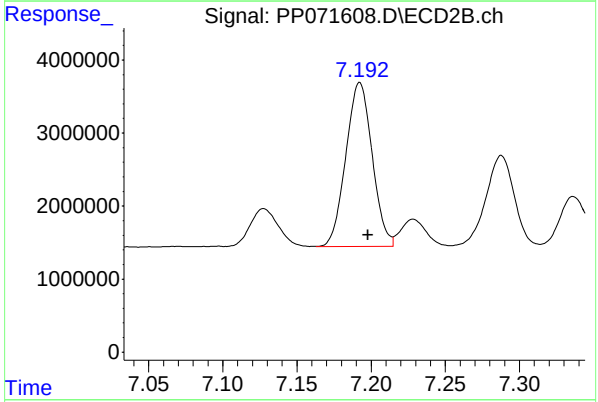
R.T.: 6.721 min
Delta R.T.: -0.006 min
Response: 39170399
Conc: 499.70 ng/ml



#34 AR-1260-4

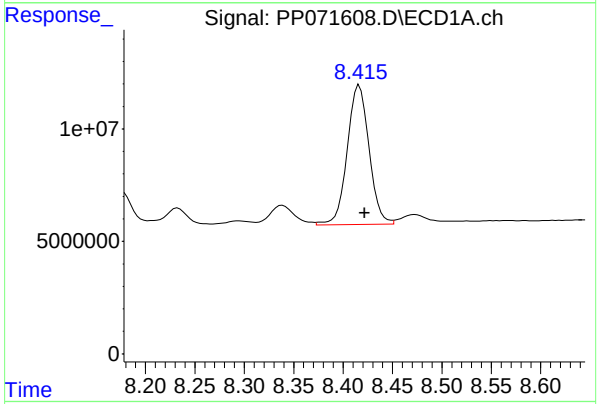
R.T.: 8.097 min
Delta R.T.: -0.005 min
Response: 47301593
Conc: 419.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167776BS



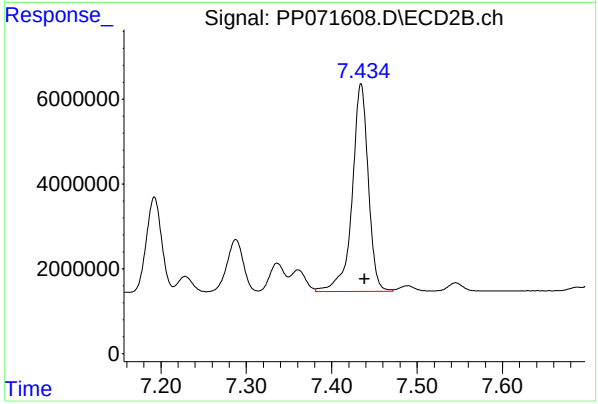
#34 AR-1260-4

R.T.: 7.192 min
Delta R.T.: -0.006 min
Response: 27738940
Conc: 439.53 ng/ml



#35 AR-1260-5

R.T.: 8.416 min
Delta R.T.: -0.005 min
Response: 95335211
Conc: 420.77 ng/ml



#35 AR-1260-5

R.T.: 7.434 min
Delta R.T.: -0.004 min
Response: 64379860
Conc: 426.99 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	04/28/25
Project:	Raymark Superfund Site	Date Received:	04/28/25
Client Sample ID:	VNJ-210MS	SDG No.:	Q1883
Lab Sample ID:	Q1904-01MS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	90.6 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
PO110867.D	1	04/29/25 08:35	04/29/25 18:05	PB167776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	201		4.40	9.20	18.7	ug/kg
11104-28-2	Aroclor-1221	14.3	U	4.40	14.3	18.7	ug/kg
11141-16-5	Aroclor-1232	9.20	U	4.10	9.20	18.7	ug/kg
53469-21-9	Aroclor-1242	9.20	U	4.40	9.20	18.7	ug/kg
12672-29-6	Aroclor-1248	14.3	U	6.50	14.3	18.7	ug/kg
11097-69-1	Aroclor-1254	9.20	U	3.50	9.20	18.7	ug/kg
37324-23-5	Aroclor-1262	14.3	U	5.50	14.3	18.7	ug/kg
11100-14-4	Aroclor-1268	9.20	U	4.00	9.20	18.7	ug/kg
11096-82-5	Aroclor-1260	187		3.60	9.20	18.7	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	23.3		44 - 130		117%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.1		60 - 125		96%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042925\
Data File : PO110867.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 18:05
Operator : YP/AJ
Sample : Q1904-01MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
VNJ-210MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:27:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.684	3.683	204.2E6	106.3E6	23.341	21.299
2)	SA Decachlor...	8.727	8.679	151.0E6	36669320	19.125	19.049
	Target Compounds						
3)	L1 AR-1016-1	4.774	4.762	183.5E6	96163946	559.100	547.913
4)	L1 AR-1016-2	4.793	4.781	255.0E6	133.4E6	560.529	530.644
5)	L1 AR-1016-3	4.850	4.956	176.2E6	68308260	546.419	503.337
6)	L1 AR-1016-4	4.970	4.998	138.0E6	55741649	554.014	487.389
7)	L1 AR-1016-5	5.227	5.210	136.6E6	68733019	507.848	461.067
31)	L7 AR-1260-1	6.267	6.242	278.3E6	134.2E6	588.981	545.668
32)	L7 AR-1260-2	6.456	6.429	310.5E6	139.5E6	529.510	478.151
33)	L7 AR-1260-3	6.823	6.582	222.9E6	133.7E6	452.229	493.665
34)	L7 AR-1260-4	7.083	7.053	210.0E6	90238636	494.672	449.754
35)	L7 AR-1260-5	7.326	7.295	492.3E6	201.4E6	471.761	438.978

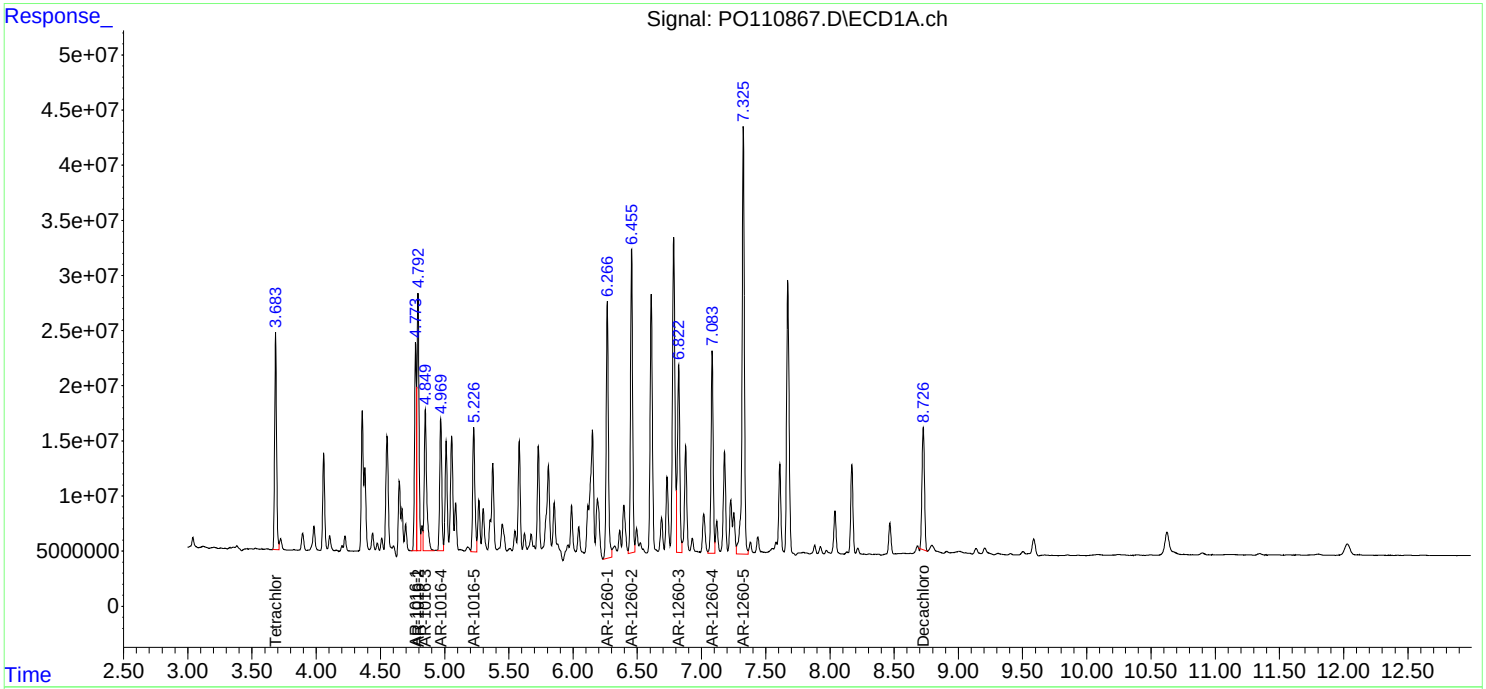
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

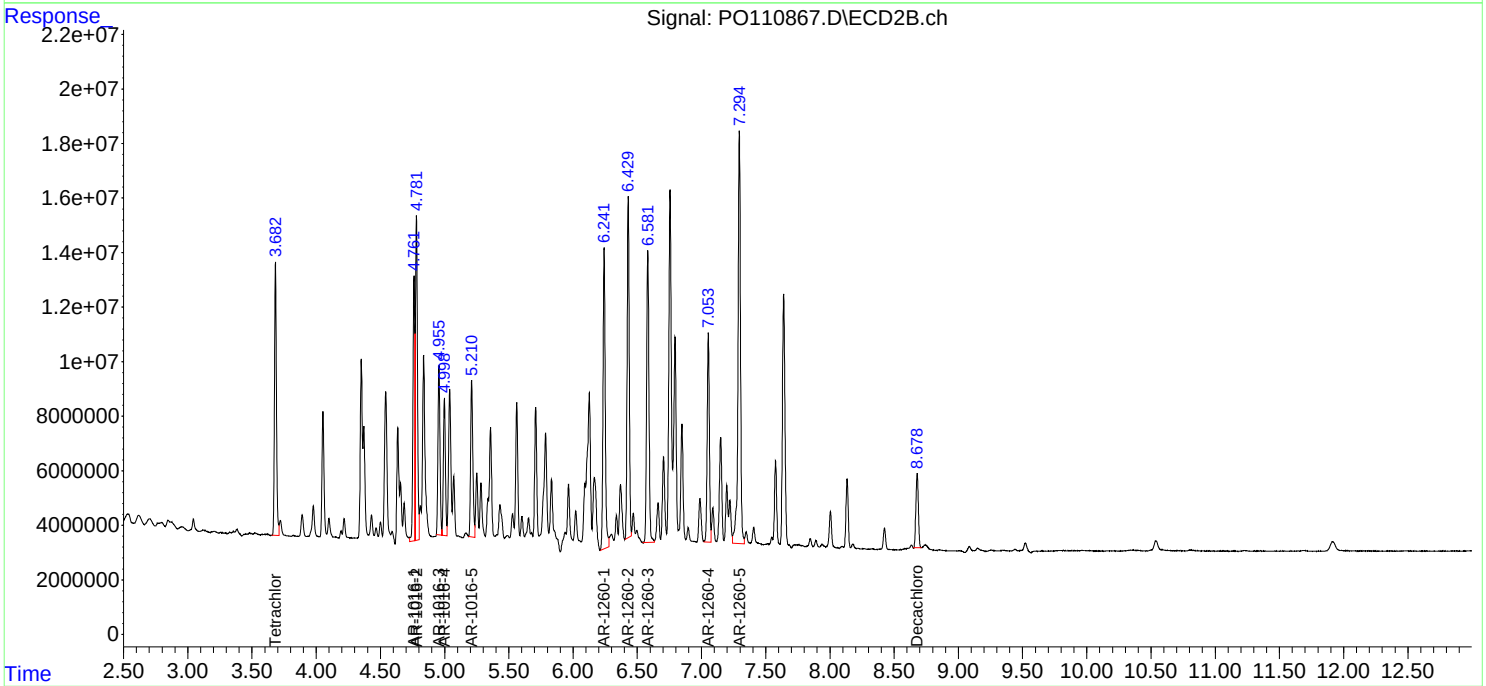
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042925\
Data File : PO110867.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 18:05
Operator : YP/AJ
Sample : Q1904-01MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

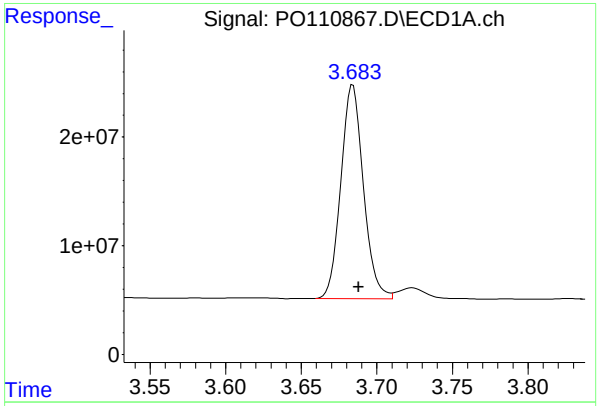
Instrument :
ECD_O
ClientSampleId :
VNJ-210MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:27:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



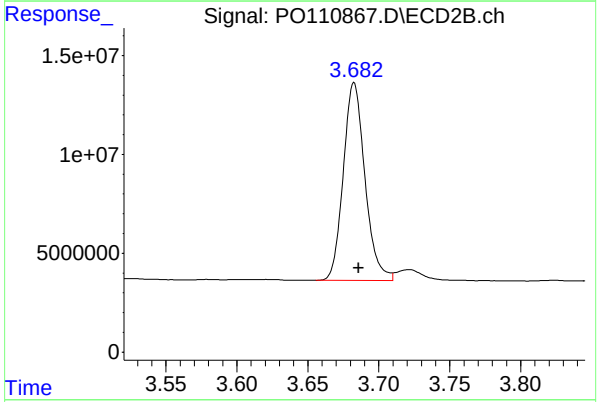




#1 Tetrachloro-m-xylene

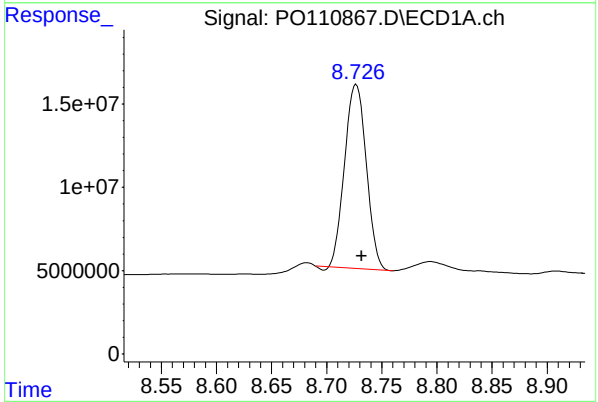
R.T.: 3.684 min
Delta R.T.: -0.004 min
Response: 204209399
Conc: 23.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
VNJ-210MS



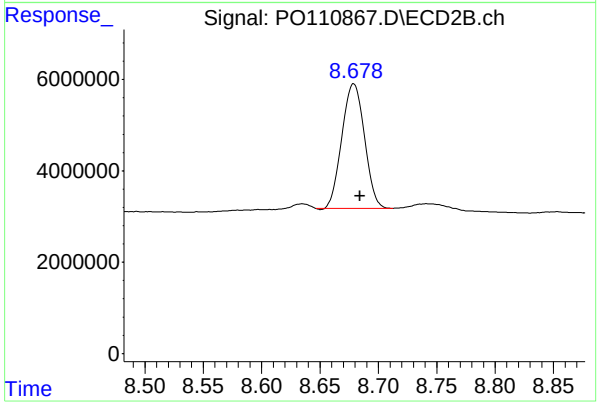
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 106275735
Conc: 21.30 ng/ml



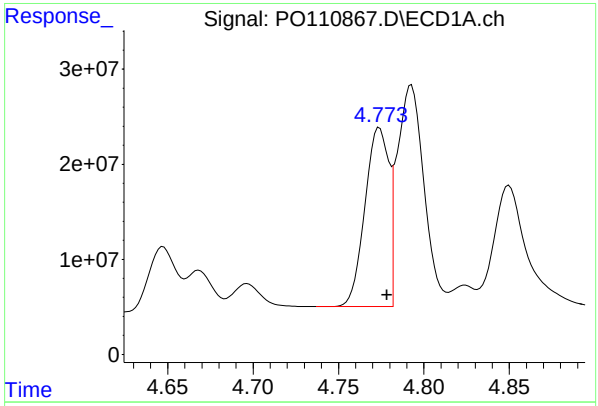
#2 Decachlorobiphenyl

R.T.: 8.727 min
Delta R.T.: -0.005 min
Response: 150994842
Conc: 19.13 ng/ml



#2 Decachlorobiphenyl

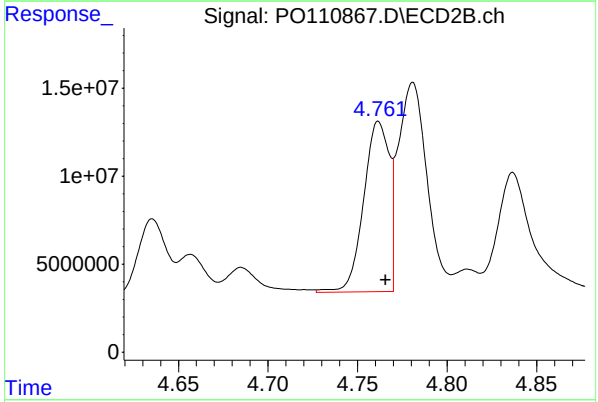
R.T.: 8.679 min
Delta R.T.: -0.005 min
Response: 36669320
Conc: 19.05 ng/ml



#3 AR-1016-1

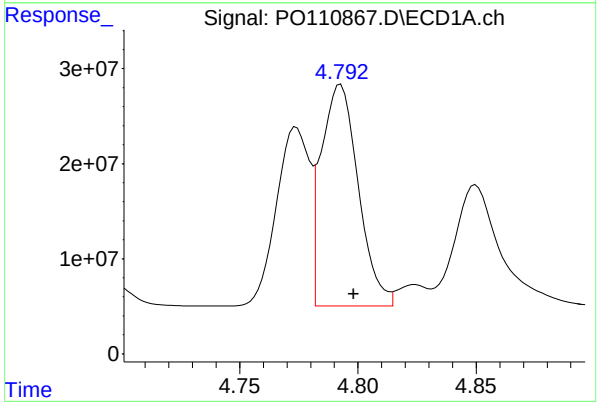
R.T.: 4.774 min
Delta R.T.: -0.005 min
Response: 183464928
Conc: 559.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
VNJ-210MS



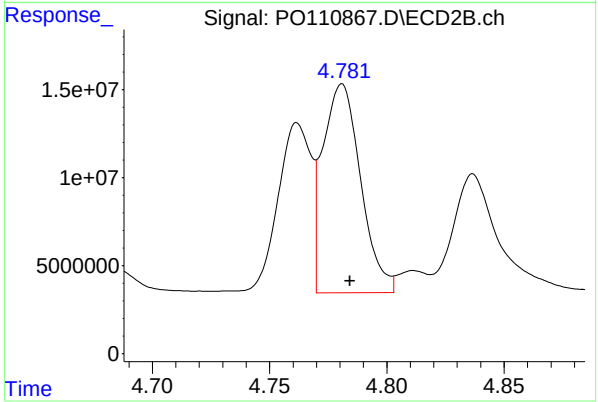
#3 AR-1016-1

R.T.: 4.762 min
Delta R.T.: -0.004 min
Response: 96163946
Conc: 547.91 ng/ml



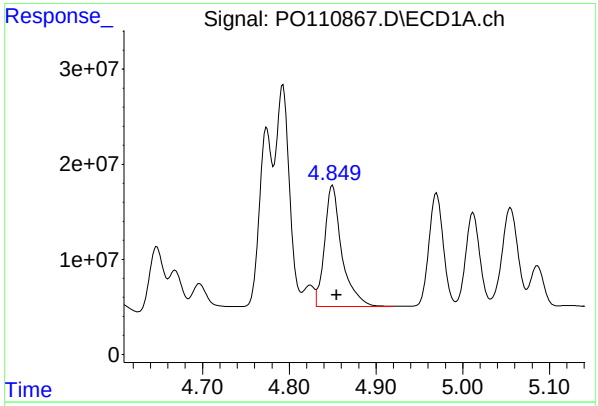
#4 AR-1016-2

R.T.: 4.793 min
Delta R.T.: -0.005 min
Response: 255011899
Conc: 560.53 ng/ml



#4 AR-1016-2

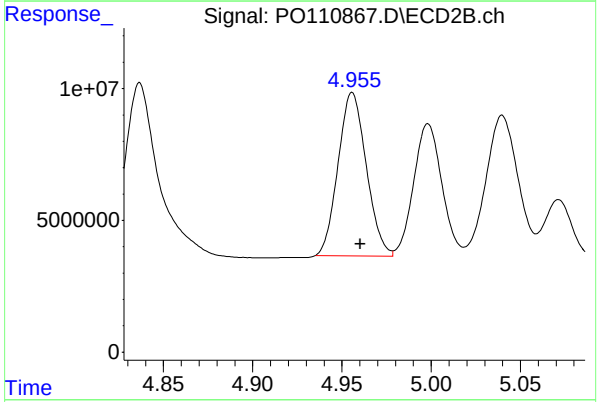
R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 133438276
Conc: 530.64 ng/ml



#5 AR-1016-3

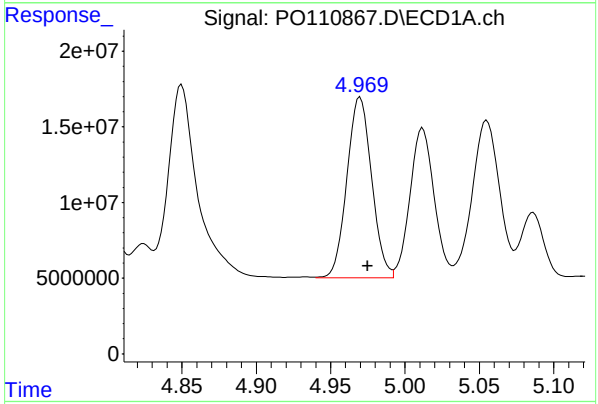
R.T.: 4.850 min
Delta R.T.: -0.005 min
Response: 176235310
Conc: 546.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
VNJ-210MS



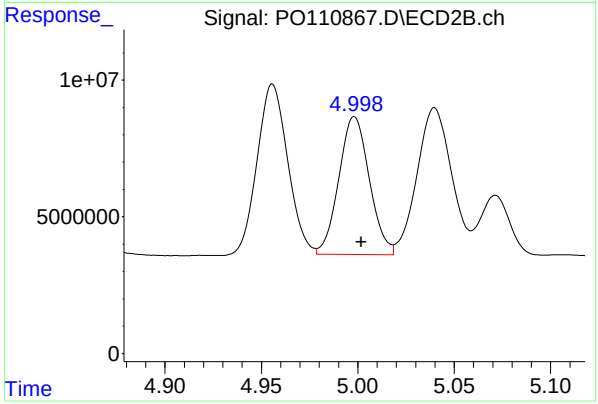
#5 AR-1016-3

R.T.: 4.956 min
Delta R.T.: -0.004 min
Response: 68308260
Conc: 503.34 ng/ml



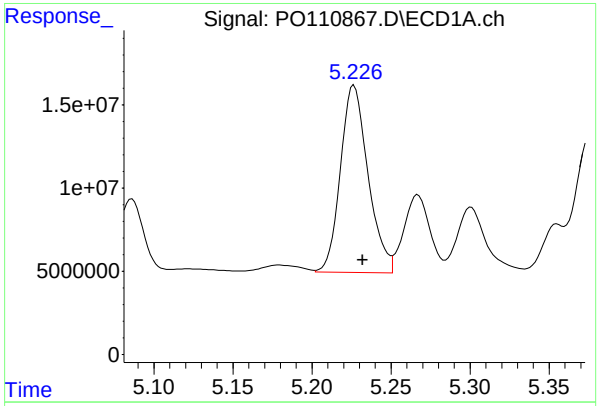
#6 AR-1016-4

R.T.: 4.970 min
Delta R.T.: -0.005 min
Response: 138040581
Conc: 554.01 ng/ml



#6 AR-1016-4

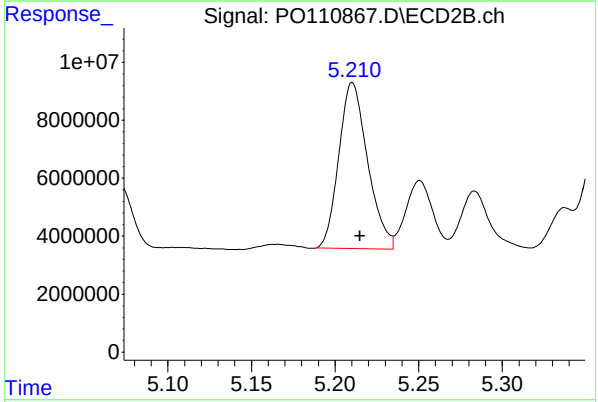
R.T.: 4.998 min
Delta R.T.: -0.004 min
Response: 55741649
Conc: 487.39 ng/ml



#7 AR-1016-5

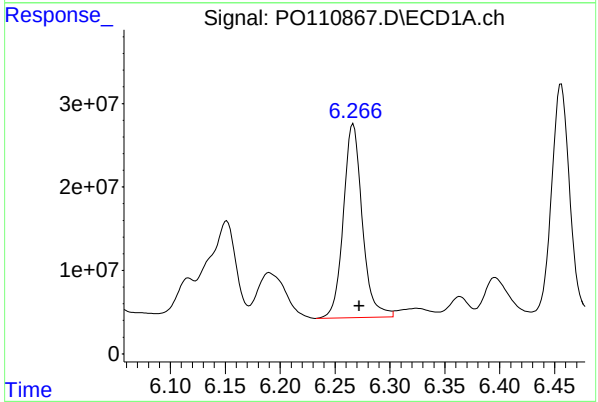
R.T.: 5.227 min
Delta R.T.: -0.005 min
Response: 136616934
Conc: 507.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
VNJ-210MS



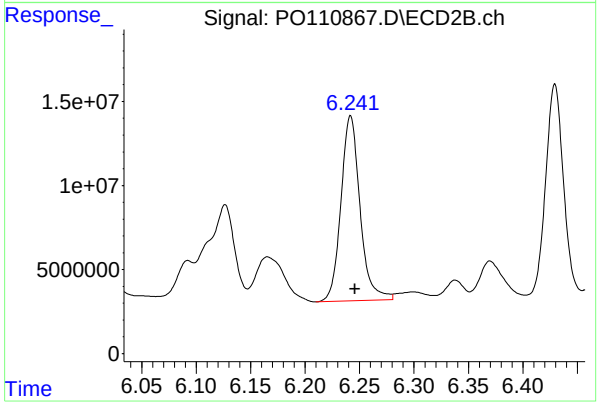
#7 AR-1016-5

R.T.: 5.210 min
Delta R.T.: -0.004 min
Response: 68733019
Conc: 461.07 ng/ml



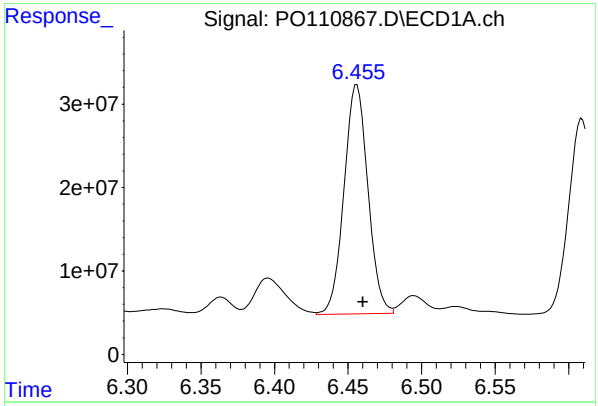
#31 AR-1260-1

R.T.: 6.267 min
Delta R.T.: -0.005 min
Response: 278261311
Conc: 588.98 ng/ml



#31 AR-1260-1

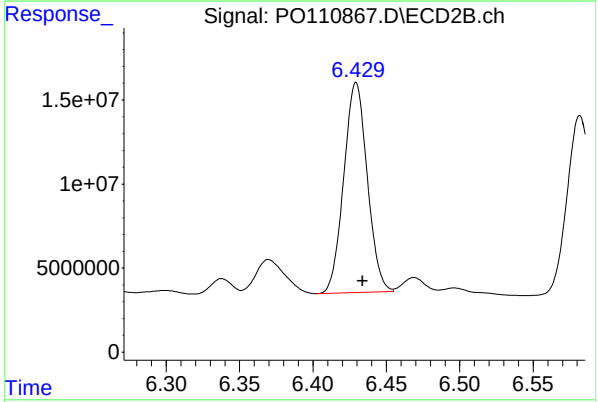
R.T.: 6.242 min
Delta R.T.: -0.004 min
Response: 134214366
Conc: 545.67 ng/ml



#32 AR-1260-2

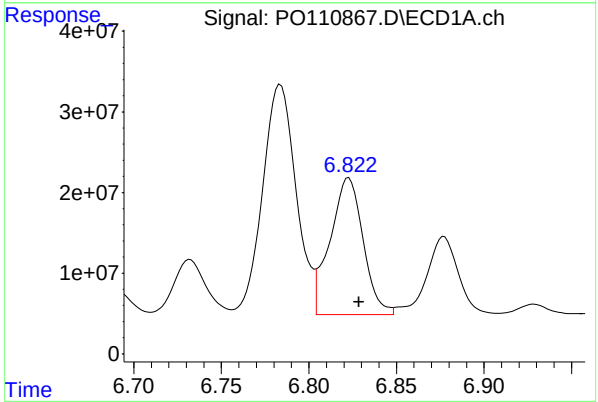
R.T.: 6.456 min
Delta R.T.: -0.004 min
Response: 310517869
Conc: 529.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
VNJ-210MS



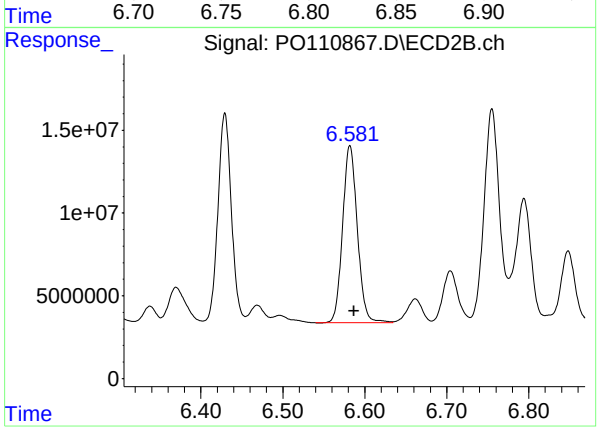
#32 AR-1260-2

R.T.: 6.429 min
Delta R.T.: -0.005 min
Response: 139500991
Conc: 478.15 ng/ml



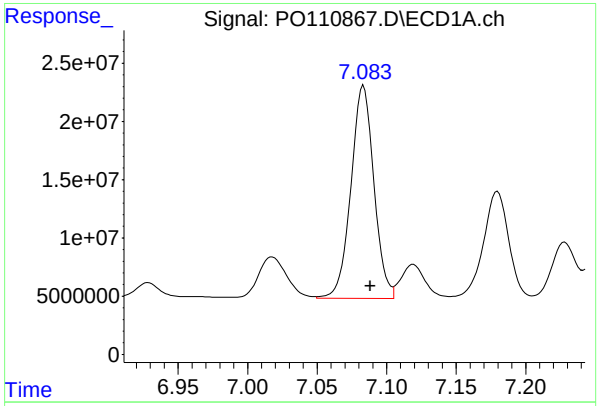
#33 AR-1260-3

R.T.: 6.823 min
Delta R.T.: -0.006 min
Response: 222891109
Conc: 452.23 ng/ml



#33 AR-1260-3

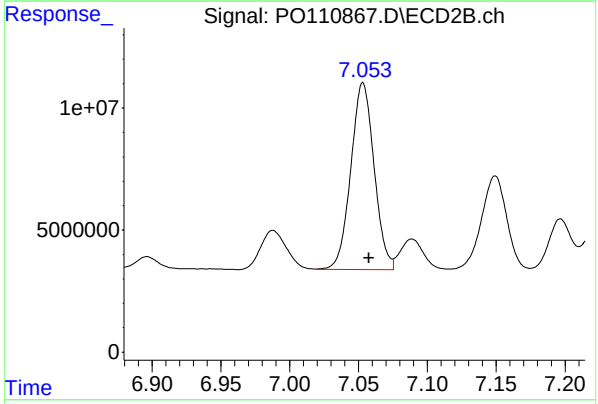
R.T.: 6.582 min
Delta R.T.: -0.005 min
Response: 133726086
Conc: 493.67 ng/ml



#34 AR-1260-4

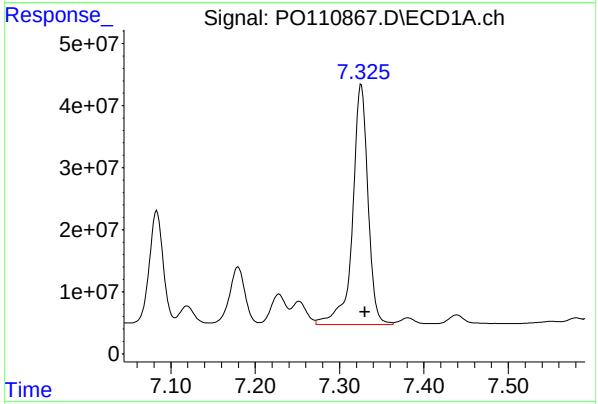
R.T.: 7.083 min
Delta R.T.: -0.005 min
Response: 209950200
Conc: 494.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
VNJ-210MS



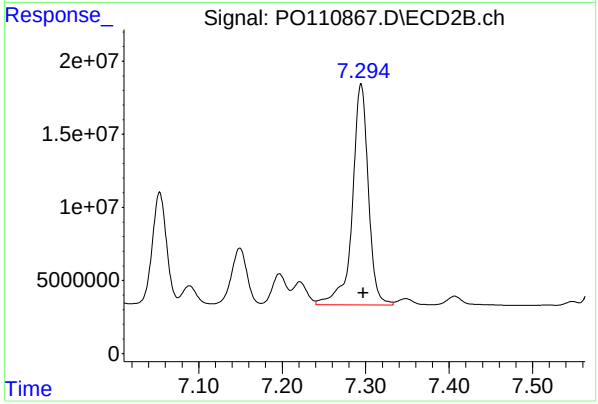
#34 AR-1260-4

R.T.: 7.053 min
Delta R.T.: -0.004 min
Response: 90238636
Conc: 449.75 ng/ml



#35 AR-1260-5

R.T.: 7.326 min
Delta R.T.: -0.005 min
Response: 492268845
Conc: 471.76 ng/ml



#35 AR-1260-5

R.T.: 7.295 min
Delta R.T.: -0.003 min
Response: 201428622
Conc: 438.98 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	04/28/25
Project:	Raymark Superfund Site	Date Received:	04/28/25
Client Sample ID:	VNJ-210MSD	SDG No.:	Q1883
Lab Sample ID:	Q1904-01MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	90.6 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
PO110868.D	1	04/29/25 08:35	04/29/25 18:23	PB167776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	199		4.40	9.10	18.7	ug/kg
11104-28-2	Aroclor-1221	14.3	U	4.40	14.3	18.7	ug/kg
11141-16-5	Aroclor-1232	9.10	U	4.10	9.10	18.7	ug/kg
53469-21-9	Aroclor-1242	9.10	U	4.40	9.10	18.7	ug/kg
12672-29-6	Aroclor-1248	14.3	U	6.50	14.3	18.7	ug/kg
11097-69-1	Aroclor-1254	9.10	U	3.50	9.10	18.7	ug/kg
37324-23-5	Aroclor-1262	14.3	U	5.50	14.3	18.7	ug/kg
11100-14-4	Aroclor-1268	9.10	U	4.00	9.10	18.7	ug/kg
11096-82-5	Aroclor-1260	183		3.60	9.10	18.7	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	22.9		44 - 130		114%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.0		60 - 125		95%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042925\
Data File : PO110868.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 18:23
Operator : YP/AJ
Sample : Q1904-01MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
VNJ-210MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:28:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.683	200.2E6	104.0E6	22.886	20.840
2)	SA Decachlor...	8.728	8.680	150.3E6	35959064	19.037	18.680
	Target Compounds						
3)	L1 AR-1016-1	4.776	4.762	184.1E6	94620800	561.108	539.121
4)	L1 AR-1016-2	4.795	4.781	251.8E6	132.8E6	553.451	528.016
5)	L1 AR-1016-3	4.851	4.957	177.3E6	67698746	549.769	498.845
6)	L1 AR-1016-4	4.971	4.999	136.9E6	54289739	549.623	474.694
7)	L1 AR-1016-5	5.229	5.211	134.7E6	68692744	500.886	460.797
31)	L7 AR-1260-1	6.268	6.242	275.5E6	131.4E6	583.148	534.408
32)	L7 AR-1260-2	6.458	6.430	306.8E6	136.7E6	523.155	468.637
33)	L7 AR-1260-3	6.825	6.583	219.3E6	132.6E6	444.894	489.564
34)	L7 AR-1260-4	7.085	7.053	204.6E6	88744084	482.075	442.305
35)	L7 AR-1260-5	7.327	7.294	478.9E6	196.7E6	458.944	428.636

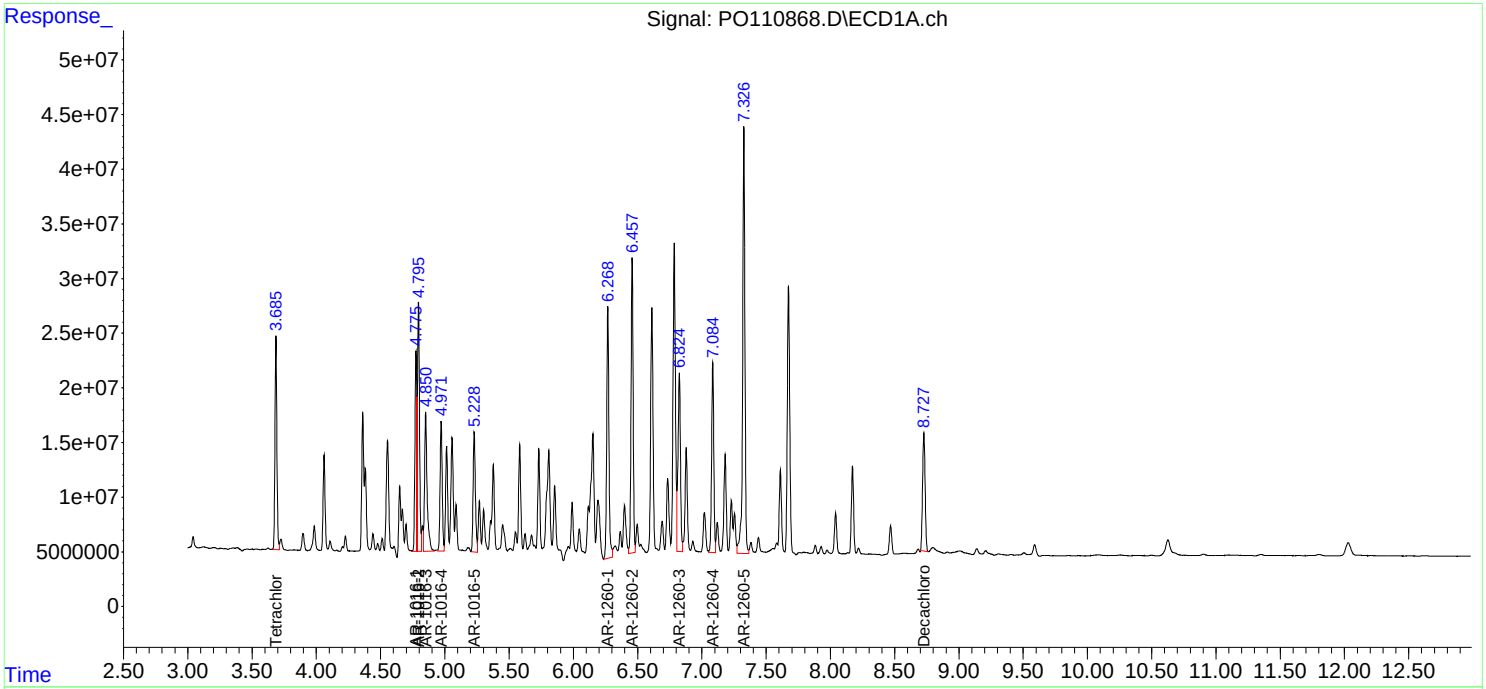
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

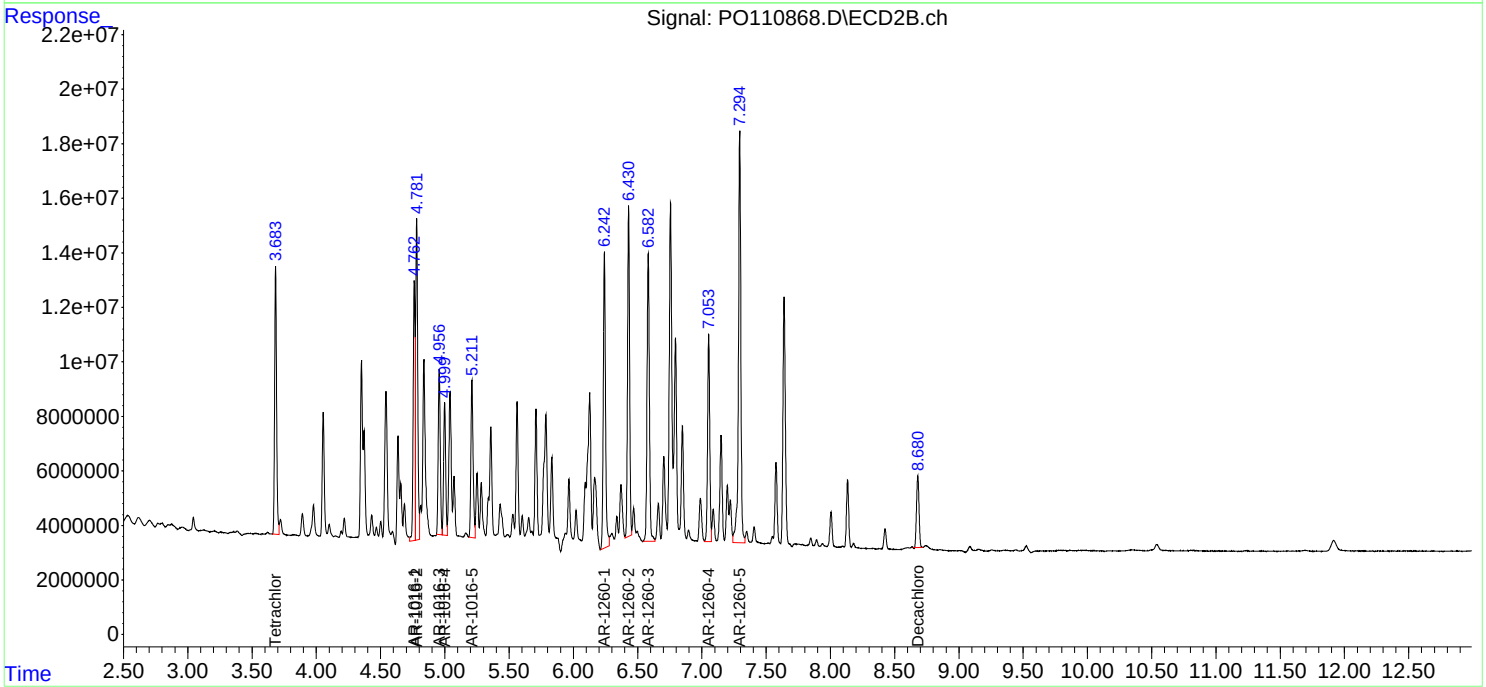
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042925\
Data File : PO110868.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 18:23
Operator : YP/AJ
Sample : Q1904-01MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

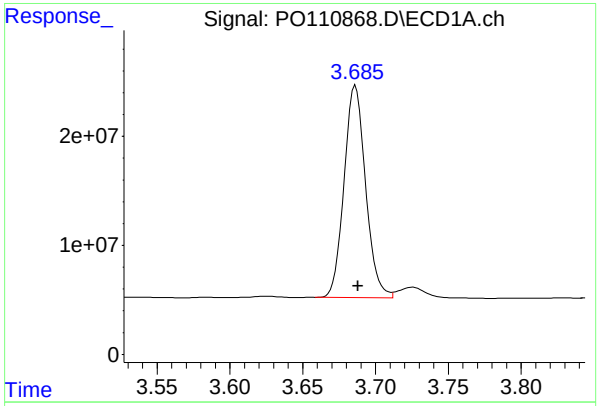
Instrument :
ECD_O
ClientSampleId :
VNJ-210MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:28:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



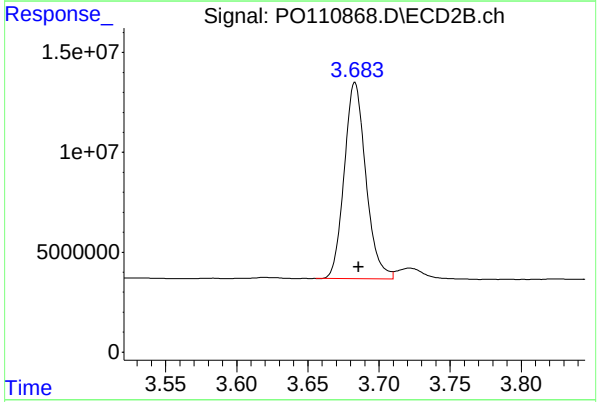




#1 Tetrachloro-m-xylene

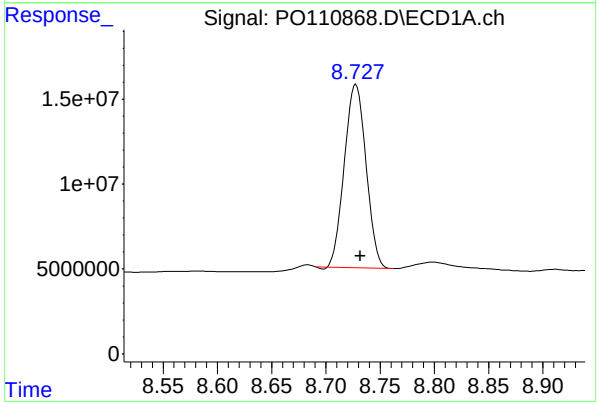
R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 200230191
Conc: 22.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
VNJ-210MSD



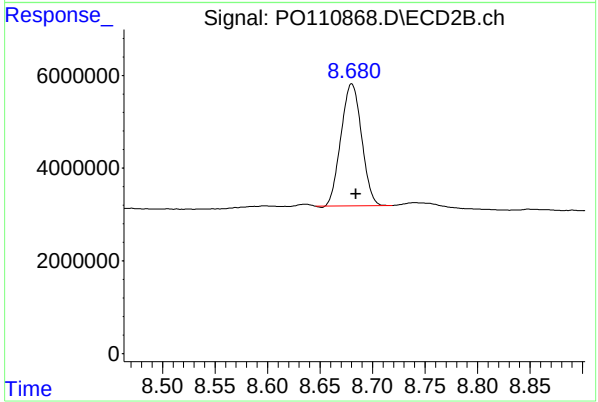
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 103987940
Conc: 20.84 ng/ml



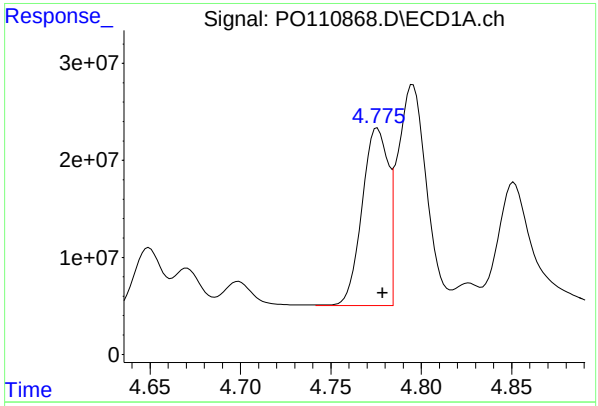
#2 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: -0.004 min
Response: 150295910
Conc: 19.04 ng/ml



#2 Decachlorobiphenyl

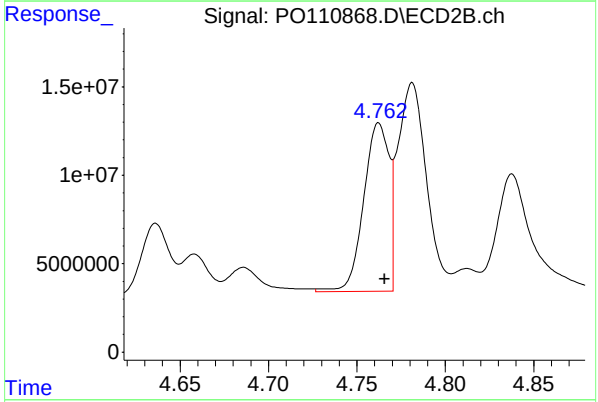
R.T.: 8.680 min
Delta R.T.: -0.004 min
Response: 35959064
Conc: 18.68 ng/ml



#3 AR-1016-1

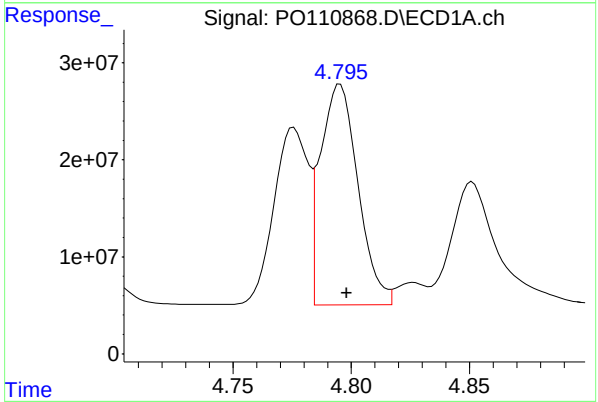
R.T.: 4.776 min
Delta R.T.: -0.003 min
Response: 184123876
Conc: 561.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
VNJ-210MSD



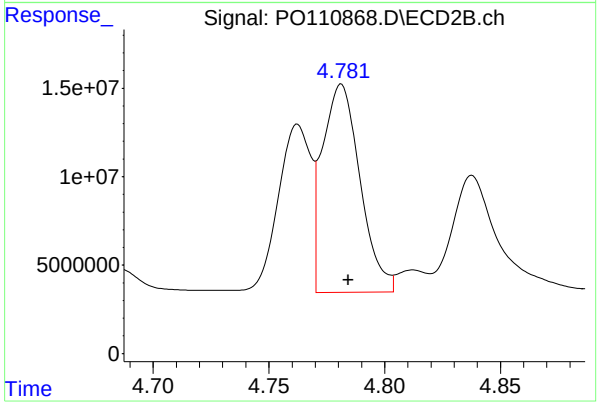
#3 AR-1016-1

R.T.: 4.762 min
Delta R.T.: -0.003 min
Response: 94620800
Conc: 539.12 ng/ml



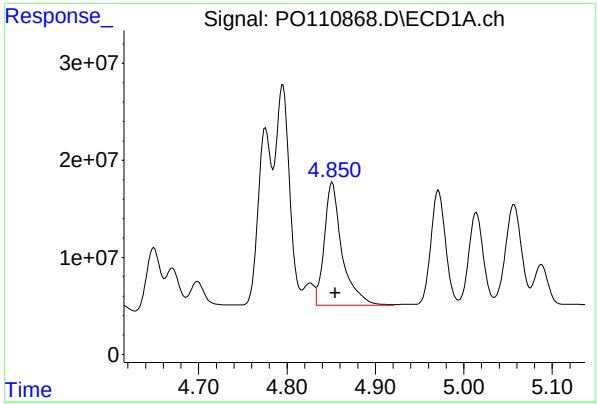
#4 AR-1016-2

R.T.: 4.795 min
Delta R.T.: -0.003 min
Response: 251791492
Conc: 553.45 ng/ml



#4 AR-1016-2

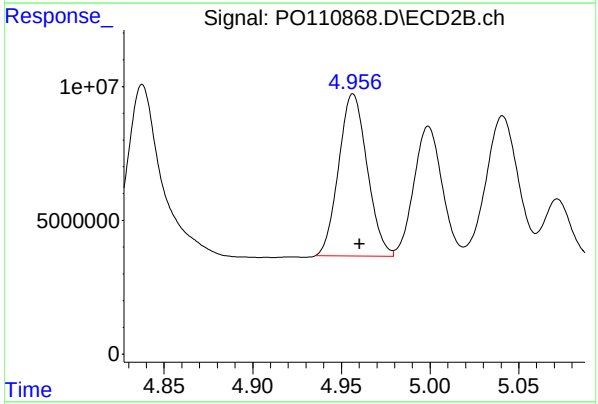
R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 132777503
Conc: 528.02 ng/ml



#5 AR-1016-3

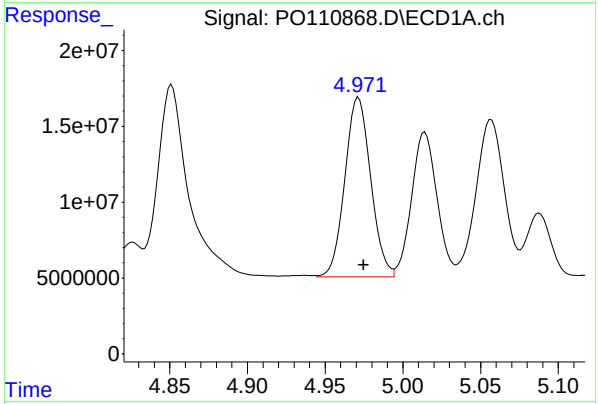
R.T.: 4.851 min
Delta R.T.: -0.003 min
Response: 177315566
Conc: 549.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
VNJ-210MSD



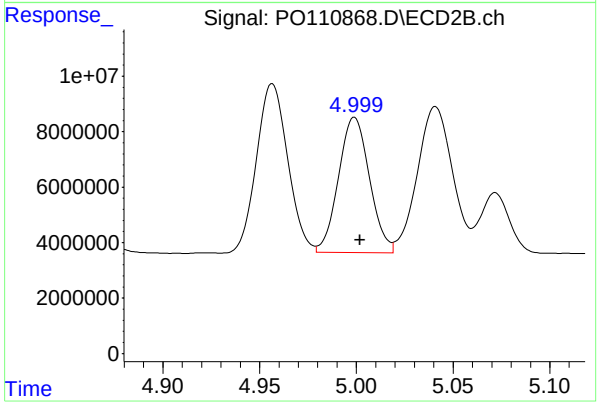
#5 AR-1016-3

R.T.: 4.957 min
Delta R.T.: -0.004 min
Response: 67698746
Conc: 498.85 ng/ml



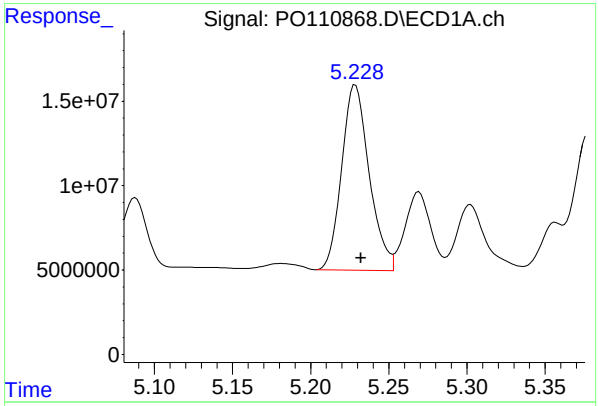
#6 AR-1016-4

R.T.: 4.971 min
Delta R.T.: -0.004 min
Response: 136946586
Conc: 549.62 ng/ml



#6 AR-1016-4

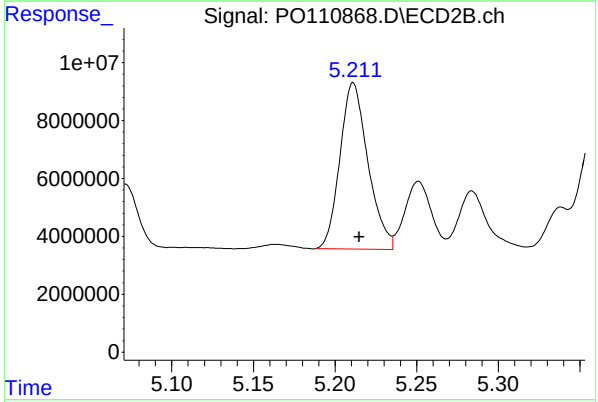
R.T.: 4.999 min
Delta R.T.: -0.003 min
Response: 54289739
Conc: 474.69 ng/ml



#7 AR-1016-5

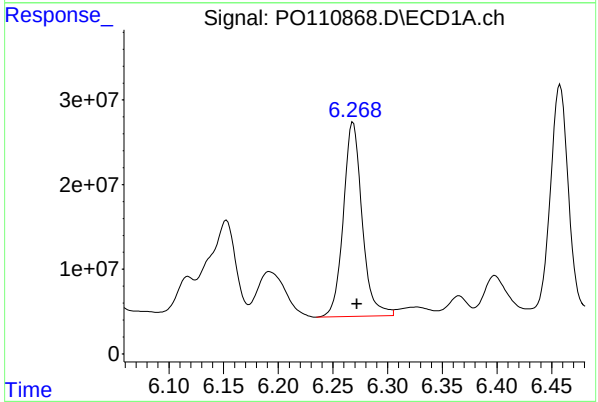
R.T.: 5.229 min
Delta R.T.: -0.003 min
Response: 134744138
Conc: 500.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
VNJ-210MSD



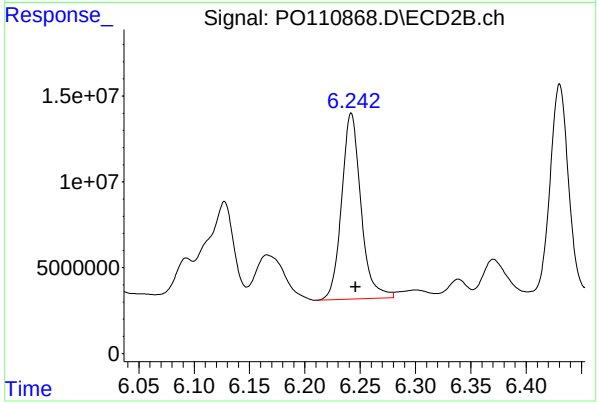
#7 AR-1016-5

R.T.: 5.211 min
Delta R.T.: -0.004 min
Response: 68692744
Conc: 460.80 ng/ml



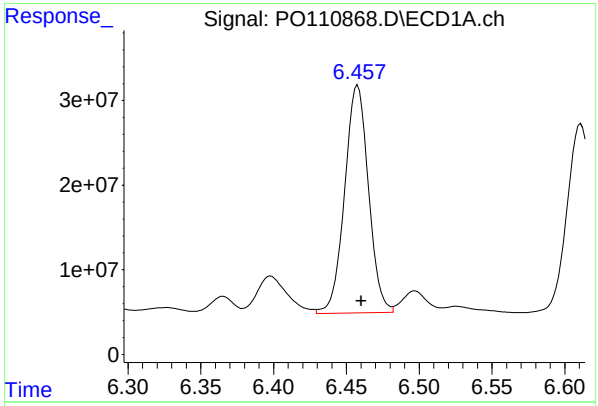
#31 AR-1260-1

R.T.: 6.268 min
Delta R.T.: -0.004 min
Response: 275505430
Conc: 583.15 ng/ml



#31 AR-1260-1

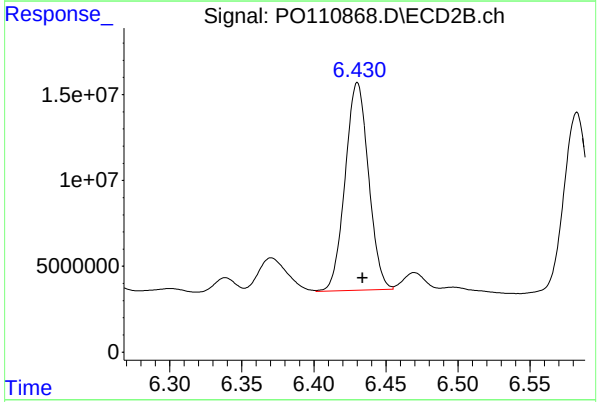
R.T.: 6.242 min
Delta R.T.: -0.004 min
Response: 131444921
Conc: 534.41 ng/ml



#32 AR-1260-2

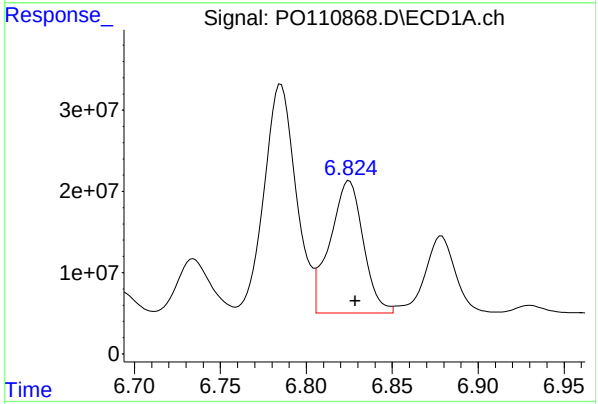
R.T.: 6.458 min
Delta R.T.: -0.002 min
Response: 306790996
Conc: 523.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
VNJ-210MSD



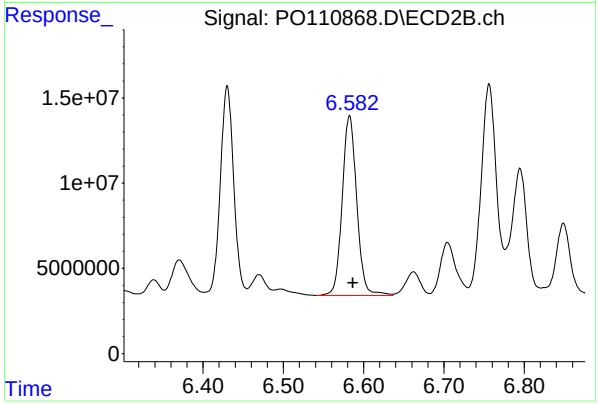
#32 AR-1260-2

R.T.: 6.430 min
Delta R.T.: -0.004 min
Response: 136725085
Conc: 468.64 ng/ml



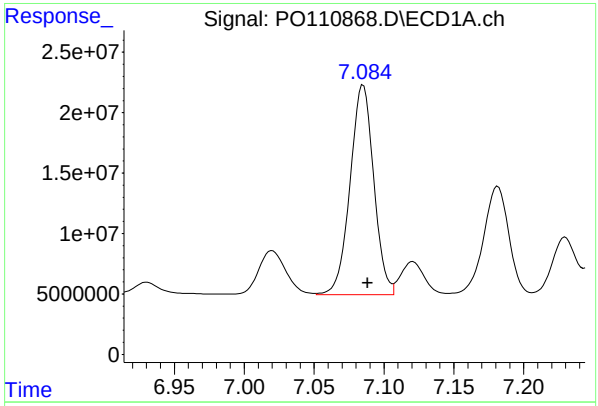
#33 AR-1260-3

R.T.: 6.825 min
Delta R.T.: -0.003 min
Response: 219276089
Conc: 444.89 ng/ml



#33 AR-1260-3

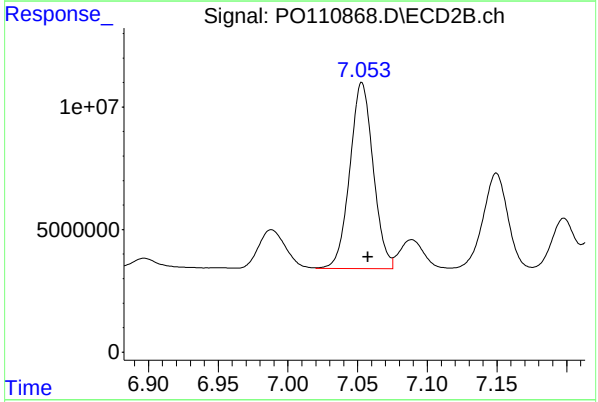
R.T.: 6.583 min
Delta R.T.: -0.004 min
Response: 132615206
Conc: 489.56 ng/ml



#34 AR-1260-4

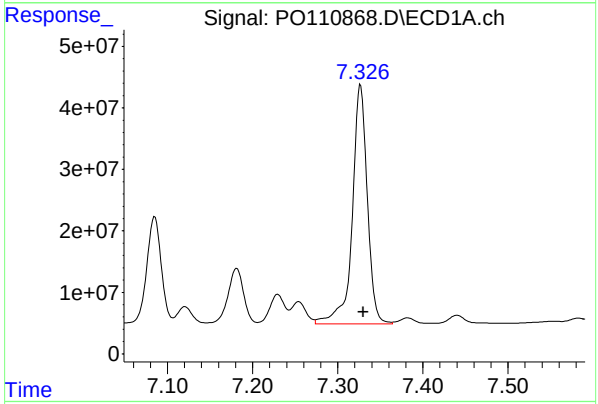
R.T.: 7.085 min
Delta R.T.: -0.003 min
Response: 204603807
Conc: 482.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
VNJ-210MSD



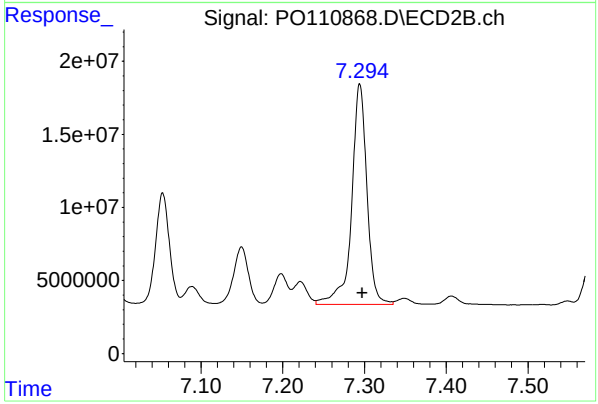
#34 AR-1260-4

R.T.: 7.053 min
Delta R.T.: -0.004 min
Response: 88744084
Conc: 442.30 ng/ml



#35 AR-1260-5

R.T.: 7.327 min
Delta R.T.: -0.004 min
Response: 478895487
Conc: 458.94 ng/ml



#35 AR-1260-5

R.T.: 7.294 min
Delta R.T.: -0.003 min
Response: 196683111
Conc: 428.64 ng/ml

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

Manual Integration Report

Sequence:	PO041025	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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

Manual Integration Report

Sequence:	PO042925	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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

Manual Integration Report

Sequence:	PP042225	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PP071393.D	AR-1260-3	yogesh	4/23/2025 7:32:38 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1660ICC050	PP071393.D	AR-1260-4	yogesh	4/23/2025 7:32:38 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1660ICC050	PP071393.D	AR-1260-5	yogesh	4/23/2025 7:32:38 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1254ICC050	PP071410.D	Tetrachloro-m-xylene	yogesh	4/23/2025 7:32:41 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1268ICC1000	PP071412.D	AR-1268-1 #2	yogesh	4/23/2025 7:32:43 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1268ICC750	PP071413.D	AR-1268-1 #2	yogesh	4/23/2025 7:32:44 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1268ICC500	PP071414.D	AR-1268-1 #2	yogesh	4/23/2025 7:32:46 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1268ICC250	PP071415.D	AR-1268-1 #2	yogesh	4/23/2025 7:32:48 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1268ICC050	PP071416.D	AR-1268-1	yogesh	4/23/2025 7:32:50 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1268ICC050	PP071416.D	AR-1268-1 #2	yogesh	4/23/2025 7:32:50 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1268ICC050	PP071416.D	AR-1268-2	yogesh	4/23/2025 7:32:50 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1268ICV500	PP071421.D	AR-1268-1 #2	yogesh	4/23/2025 7:32:52 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1254ICC750	PP071407.D	AR-1254-5	yogesh	4/23/2025 7:32:40 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PP042225	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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

Manual Integration Report

Sequence:	PP042925	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1883-01	PP071609.D	Tetrachloro-m-xylene	yogesh	4/30/2025 8:57:12 AM	mohammad	5/2/2025 2:53:19	Peak Integrated by Software
AR1254CCC500	PP071632.D	AR-1254-5	yogesh	4/30/2025 8:57:17 AM	mohammad	5/2/2025 2:53:02	Peak Integrated by Software

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 # PO041025

Review By	yogesh	Review On	4/10/2025 11:27:35 AM		
Supervise By	mohammad	Supervise On	4/14/2025 12:40:29 AM		
SubDirectory	PO041025	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO110347.D	10 Apr 2025 08:59	YP/AJ	Ok
2	I.BLK	PO110348.D	10 Apr 2025 09:17	YP/AJ	Ok
3	AR1660ICC1000	PO110349.D	10 Apr 2025 09:36	YP/AJ	Ok
4	AR1660ICC750	PO110350.D	10 Apr 2025 09:54	YP/AJ	Ok
5	AR1660ICC500	PO110351.D	10 Apr 2025 10:13	YP/AJ	Ok
6	AR1660ICC250	PO110352.D	10 Apr 2025 10:31	YP/AJ	Ok
7	AR1660ICC050	PO110353.D	10 Apr 2025 10:49	YP/AJ	Ok
8	AR1221ICC500	PO110354.D	10 Apr 2025 11:08	YP/AJ	Ok
9	AR1232ICC500	PO110355.D	10 Apr 2025 11:26	YP/AJ	Ok
10	AR1242ICC1000	PO110356.D	10 Apr 2025 11:44	YP/AJ	Ok
11	AR1242ICC750	PO110357.D	10 Apr 2025 12:03	YP/AJ	Ok
12	AR1242ICC500	PO110358.D	10 Apr 2025 12:21	YP/AJ	Ok
13	AR1242ICC250	PO110359.D	10 Apr 2025 12:39	YP/AJ	Ok
14	AR1242ICC050	PO110360.D	10 Apr 2025 12:58	YP/AJ	Ok
15	AR1248ICC1000	PO110361.D	10 Apr 2025 13:16	YP/AJ	Ok
16	AR1248ICC750	PO110362.D	10 Apr 2025 13:35	YP/AJ	Ok
17	AR1248ICC500	PO110363.D	10 Apr 2025 13:53	YP/AJ	Ok
18	AR1248ICC250	PO110364.D	10 Apr 2025 14:11	YP/AJ	Ok
19	AR1248ICC050	PO110365.D	10 Apr 2025 14:30	YP/AJ	Ok
20	AR1254ICC1000	PO110366.D	10 Apr 2025 14:48	YP/AJ	Ok
21	AR1254ICC750	PO110367.D	10 Apr 2025 15:06	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO041025

Review By	yogesh	Review On	4/10/2025 11:27:35 AM		
Supervise By	mohammad	Supervise On	4/14/2025 12:40:29 AM		
SubDirectory	PO041025	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	AR1254ICC500	PO110368.D	10 Apr 2025 15:25	YP/AJ	Ok
23	AR1254ICC250	PO110369.D	10 Apr 2025 15:43	YP/AJ	Ok
24	AR1254ICC050	PO110370.D	10 Apr 2025 16:02	YP/AJ	Ok
25	AR1262ICC500	PO110371.D	10 Apr 2025 16:20	YP/AJ	Ok
26	AR1268ICC1000	PO110372.D	10 Apr 2025 16:38	YP/AJ	Ok
27	AR1268ICC750	PO110373.D	10 Apr 2025 16:57	YP/AJ	Ok
28	AR1268ICC500	PO110374.D	10 Apr 2025 17:15	YP/AJ	Ok
29	AR1268ICC250	PO110375.D	10 Apr 2025 17:33	YP/AJ	Ok
30	AR1268ICC050	PO110376.D	10 Apr 2025 17:52	YP/AJ	Ok
31	PO041025ICV500	PO110377.D	10 Apr 2025 18:09	YP/AJ	Ok
32	AR1242ICV500	PO110378.D	10 Apr 2025 18:46	YP/AJ	Ok
33	AR1248ICV500	PO110379.D	10 Apr 2025 19:22	YP/AJ	Ok
34	AR1254ICV500	PO110380.D	10 Apr 2025 19:58	YP/AJ	Ok
35	AR1268ICV500	PO110381.D	10 Apr 2025 20:35	YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO042925

Review By	yogesh	Review On	4/29/2025 11:07:42 AM		
Supervise By	mohammad	Supervise On	5/2/2025 2:51:07 AM		
SubDirectory	PO042925	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO110845.D	29 Apr 2025 09:06	YP/AJ	Ok
2	AR1660CCC500	PO110846.D	29 Apr 2025 09:24	YP/AJ	Ok
3	AR1242CCC500	PO110847.D	29 Apr 2025 09:45	YP/AJ	Ok
4	AR1248CCC500	PO110848.D	29 Apr 2025 10:03	YP/AJ	Ok
5	AR1254CCC500	PO110849.D	29 Apr 2025 10:21	YP/AJ	Ok
6	I.BLK	PO110850.D	29 Apr 2025 10:40	YP/AJ	Ok
7	PB167765BL	PO110851.D	29 Apr 2025 10:58	YP/AJ	Not Ok
8	Q1889-01	PO110852.D	29 Apr 2025 11:16	YP/AJ	Ok
9	Q1889-01MS	PO110853.D	29 Apr 2025 11:35	YP/AJ	Ok
10	Q1889-01MSD	PO110854.D	29 Apr 2025 11:53	YP/AJ	Ok
11	Q1860-34DL2	PO110855.D	29 Apr 2025 12:11	YP/AJ	Ok,M
12	Q1904-01	PO110856.D	29 Apr 2025 13:36	YP/AJ	Not Ok
13	Q1902-02	PO110857.D	29 Apr 2025 13:54	YP/AJ	Ok,M
14	Q1903-01	PO110858.D	29 Apr 2025 14:12	YP/AJ	Ok
15	Q1903-02	PO110859.D	29 Apr 2025 14:31	YP/AJ	Ok
16	Q1903-03	PO110860.D	29 Apr 2025 14:49	YP/AJ	Ok
17	AR1660CCC500	PO110861.D	29 Apr 2025 15:58	YP/AJ	Ok
18	AR1242CCC500	PO110862.D	29 Apr 2025 16:35	YP/AJ	Ok
19	AR1248CCC500	PO110863.D	29 Apr 2025 16:53	YP/AJ	Ok
20	AR1254CCC500	PO110864.D	29 Apr 2025 17:11	YP/AJ	Ok
21	I.BLK	PO110865.D	29 Apr 2025 17:29	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO042925

Review By	yogesh	Review On	4/29/2025 11:07:42 AM		
Supervise By	mohammad	Supervise On	5/2/2025 2:51:07 AM		
SubDirectory	PO042925	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1904-01	PO110866.D	29 Apr 2025 17:48	YP/AJ	Ok
23	Q1904-01MS	PO110867.D	29 Apr 2025 18:05	YP/AJ	Ok
24	Q1904-01MSD	PO110868.D	29 Apr 2025 18:23	YP/AJ	Ok
25	Q1906-01	PO110869.D	29 Apr 2025 18:42	YP/AJ	Ok
26	Q1906-05	PO110870.D	29 Apr 2025 19:00	YP/AJ	Ok
27	Q1906-09	PO110871.D	29 Apr 2025 19:19	YP/AJ	Ok,M
28	Q1906-13	PO110872.D	29 Apr 2025 19:37	YP/AJ	Ok
29	Q1897-01	PO110873.D	29 Apr 2025 19:55	YP/AJ	Ok,M
30	Q1901-06	PO110874.D	29 Apr 2025 20:14	YP/AJ	Ok
31	Q1897-02	PO110875.D	29 Apr 2025 20:32	YP/AJ	Ok,M
32	AR1660CCC500	PO110876.D	29 Apr 2025 22:00	YP/AJ	Ok
33	AR1242CCC500	PO110877.D	29 Apr 2025 22:36	YP/AJ	Ok
34	AR1248CCC500	PO110878.D	29 Apr 2025 22:55	YP/AJ	Ok
35	AR1254CCC500	PO110879.D	29 Apr 2025 23:13	YP/AJ	Ok
36	I.BLK	PO110880.D	29 Apr 2025 23:31	YP/AJ	Ok
37	PB167790BL	PO110881.D	29 Apr 2025 23:50	YP/AJ	Ok
38	PB167790BS	PO110882.D	30 Apr 2025 00:08	YP/AJ	Ok
39	Q1909-01	PO110883.D	30 Apr 2025 00:26	YP/AJ	Ok,M
40	Q1909-02	PO110884.D	30 Apr 2025 00:45	YP/AJ	Ok,M
41	AR1660CCC500	PO110885.D	30 Apr 2025 02:11	YP/AJ	Ok
42	AR1242CCC500	PO110886.D	30 Apr 2025 02:48	YP/AJ	Ok
43	AR1248CCC500	PO110887.D	30 Apr 2025 03:06	YP/AJ	Ok
44	AR1254CCC500	PO110888.D	30 Apr 2025 03:25	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO042925

Review By	yogesh	Review On	4/29/2025 11:07:42 AM		
Supervise By	mohammad	Supervise On	5/2/2025 2:51:07 AM		
SubDirectory	PO042925	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	I.BLK	PO110889.D	30 Apr 2025 03:43	YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP042225

Review By	yogesh	Review On	4/22/2025 1:34:56 PM		
Supervise By	mohammad	Supervise On	4/24/2025 6:33:42 AM		
SubDirectory	PP042225	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP071387.D	22 Apr 2025 09:56	YP\AJ	Ok
2	I.BLK	PP071388.D	22 Apr 2025 10:13	YP\AJ	Ok
3	AR1660ICC1000	PP071389.D	22 Apr 2025 10:29	YP\AJ	Ok
4	AR1660ICC750	PP071390.D	22 Apr 2025 10:45	YP\AJ	Ok
5	AR1660ICC500	PP071391.D	22 Apr 2025 11:02	YP\AJ	Ok
6	AR1660ICC250	PP071392.D	22 Apr 2025 11:18	YP\AJ	Ok
7	AR1660ICC050	PP071393.D	22 Apr 2025 11:34	YP\AJ	Ok,M
8	AR1221ICC500	PP071394.D	22 Apr 2025 11:51	YP\AJ	Ok
9	AR1232ICC500	PP071395.D	22 Apr 2025 12:07	YP\AJ	Ok
10	AR1242ICC1000	PP071396.D	22 Apr 2025 12:23	YP\AJ	Ok
11	AR1242ICC750	PP071397.D	22 Apr 2025 12:39	YP\AJ	Ok
12	AR1242ICC500	PP071398.D	22 Apr 2025 12:56	YP\AJ	Ok
13	AR1242ICC250	PP071399.D	22 Apr 2025 13:12	YP\AJ	Ok
14	AR1242ICC050	PP071400.D	22 Apr 2025 13:28	YP\AJ	Ok
15	AR1248ICC1000	PP071401.D	22 Apr 2025 13:45	YP\AJ	Ok
16	AR1248ICC750	PP071402.D	22 Apr 2025 14:01	YP\AJ	Ok
17	AR1248ICC500	PP071403.D	22 Apr 2025 14:17	YP\AJ	Ok
18	AR1248ICC250	PP071404.D	22 Apr 2025 14:33	YP\AJ	Ok
19	AR1248ICC050	PP071405.D	22 Apr 2025 14:50	YP\AJ	Ok
20	AR1254ICC1000	PP071406.D	22 Apr 2025 15:06	YP\AJ	Ok
21	AR1254ICC750	PP071407.D	22 Apr 2025 15:22	YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP042225

Review By	yogesh	Review On	4/22/2025 1:34:56 PM		
Supervise By	mohammad	Supervise On	4/24/2025 6:33:42 AM		
SubDirectory	PP042225	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	AR1254ICC500	PP071408.D	22 Apr 2025 15:38	YP\AJ	Ok
23	AR1254ICC250	PP071409.D	22 Apr 2025 15:55	YP\AJ	Ok
24	AR1254ICC050	PP071410.D	22 Apr 2025 16:11	YP\AJ	Ok,M
25	AR1262ICC500	PP071411.D	22 Apr 2025 16:27	YP\AJ	Ok
26	AR1268ICC1000	PP071412.D	22 Apr 2025 16:44	YP\AJ	Ok,M
27	AR1268ICC750	PP071413.D	22 Apr 2025 17:00	YP\AJ	Ok,M
28	AR1268ICC500	PP071414.D	22 Apr 2025 17:16	YP\AJ	Ok,M
29	AR1268ICC250	PP071415.D	22 Apr 2025 17:33	YP\AJ	Ok,M
30	AR1268ICC050	PP071416.D	22 Apr 2025 17:49	YP\AJ	Ok,M
31	PP042225ICV500	PP071417.D	22 Apr 2025 18:05	YP\AJ	Ok
32	AR1242ICV500	PP071418.D	22 Apr 2025 18:38	YP\AJ	Ok
33	AR1248ICV500	PP071419.D	22 Apr 2025 19:27	YP\AJ	Ok
34	AR1254ICV500	PP071420.D	22 Apr 2025 19:43	YP\AJ	Ok
35	AR1268ICV500	PP071421.D	22 Apr 2025 20:16	YP\AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP042925

Review By	yogesh	Review On	4/29/2025 11:08:35 AM		
Supervise By	mohammad	Supervise On	5/2/2025 2:54:00 AM		
SubDirectory	PP042925	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP071598.D	29 Apr 2025 10:16	YP\AJ	Ok
2	AR1660CCC500	PP071599.D	29 Apr 2025 10:33	YP\AJ	Ok
3	AR1242CCC500	PP071600.D	29 Apr 2025 10:51	YP\AJ	Ok
4	AR1248CCC500	PP071601.D	29 Apr 2025 11:07	YP\AJ	Ok
5	AR1254CCC500	PP071602.D	29 Apr 2025 11:24	YP\AJ	Ok
6	I.BLK	PP071603.D	29 Apr 2025 11:40	YP\AJ	Ok
7	Q1860-35DL	PP071604.D	29 Apr 2025 11:56	YP\AJ	Ok,M
8	Q1884-01DL	PP071605.D	29 Apr 2025 12:12	YP\AJ	Ok,M
9	Q1884-02DL	PP071606.D	29 Apr 2025 12:29	YP\AJ	Ok,M
10	PB167776BL	PP071607.D	29 Apr 2025 13:30	YP\AJ	Ok
11	PB167776BS	PP071608.D	29 Apr 2025 13:46	YP\AJ	Ok
12	Q1883-01	PP071609.D	29 Apr 2025 14:02	YP\AJ	Ok,M
13	Q1883-03	PP071610.D	29 Apr 2025 14:19	YP\AJ	Ok
14	Q1883-05	PP071611.D	29 Apr 2025 14:35	YP\AJ	Ok
15	Q1883-07	PP071612.D	29 Apr 2025 14:51	YP\AJ	Ok
16	Q1883-09	PP071613.D	29 Apr 2025 15:08	YP\AJ	Ok
17	AR1660CCC500	PP071614.D	29 Apr 2025 16:29	YP\AJ	Ok
18	AR1242CCC500	PP071615.D	29 Apr 2025 17:02	YP\AJ	Ok
19	AR1248CCC500	PP071616.D	29 Apr 2025 17:18	YP\AJ	Ok
20	AR1254CCC500	PP071617.D	29 Apr 2025 17:34	YP\AJ	Ok
21	I.BLK	PP071618.D	29 Apr 2025 17:51	YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP042925

Review By	yogesh	Review On	4/29/2025 11:08:35 AM		
Supervise By	mohammad	Supervise On	5/2/2025 2:54:00 AM		
SubDirectory	PP042925	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1883-11	PP071619.D	29 Apr 2025 18:07	YP\AJ	Ok
23	Q1883-13	PP071620.D	29 Apr 2025 18:23	YP\AJ	Ok
24	Q1883-15	PP071621.D	29 Apr 2025 18:40	YP\AJ	Ok
25	Q1901-02	PP071622.D	29 Apr 2025 18:56	YP\AJ	Ok,M
26	Q1901-04	PP071623.D	29 Apr 2025 19:12	YP\AJ	Ok
27	PB167782BL	PP071624.D	29 Apr 2025 19:29	YP\AJ	Ok
28	PB167782BS	PP071625.D	29 Apr 2025 19:45	YP\AJ	Ok
29	PB167782BSD	PP071626.D	29 Apr 2025 20:01	YP\AJ	Ok
30	Q1890-01	PP071627.D	29 Apr 2025 20:18	YP\AJ	Ok
31	Q1896-03	PP071628.D	29 Apr 2025 20:34	YP\AJ	Ok,M
32	AR1660CCC500	PP071629.D	29 Apr 2025 21:55	YP\AJ	Ok
33	AR1242CCC500	PP071630.D	29 Apr 2025 22:28	YP\AJ	Ok
34	AR1248CCC500	PP071631.D	29 Apr 2025 22:44	YP\AJ	Ok
35	AR1254CCC500	PP071632.D	29 Apr 2025 23:01	YP\AJ	Ok,M
36	I.BLK	PP071633.D	29 Apr 2025 23:17	YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO041025

Review By	yogesh	Review On	4/10/2025 11:27:35 AM		
Supervise By	mohammad	Supervise On	4/14/2025 12:40:29 AM		
SubDirectory	PO041025	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO110347.D	10 Apr 2025 08:59		YP/AJ	Ok
2	I.BLK	I.BLK	PO110348.D	10 Apr 2025 09:17		YP/AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PO110349.D	10 Apr 2025 09:36		YP/AJ	Ok
4	AR1660ICC750	AR1660ICC750	PO110350.D	10 Apr 2025 09:54		YP/AJ	Ok
5	AR1660ICC500	AR1660ICC500	PO110351.D	10 Apr 2025 10:13		YP/AJ	Ok
6	AR1660ICC250	AR1660ICC250	PO110352.D	10 Apr 2025 10:31		YP/AJ	Ok
7	AR1660ICC050	AR1660ICC050	PO110353.D	10 Apr 2025 10:49		YP/AJ	Ok
8	AR1221ICC500	AR1221ICC500	PO110354.D	10 Apr 2025 11:08		YP/AJ	Ok
9	AR1232ICC500	AR1232ICC500	PO110355.D	10 Apr 2025 11:26		YP/AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PO110356.D	10 Apr 2025 11:44		YP/AJ	Ok
11	AR1242ICC750	AR1242ICC750	PO110357.D	10 Apr 2025 12:03		YP/AJ	Ok
12	AR1242ICC500	AR1242ICC500	PO110358.D	10 Apr 2025 12:21		YP/AJ	Ok
13	AR1242ICC250	AR1242ICC250	PO110359.D	10 Apr 2025 12:39		YP/AJ	Ok
14	AR1242ICC050	AR1242ICC050	PO110360.D	10 Apr 2025 12:58		YP/AJ	Ok
15	AR1248ICC1000	AR1248ICC1000	PO110361.D	10 Apr 2025 13:16		YP/AJ	Ok
16	AR1248ICC750	AR1248ICC750	PO110362.D	10 Apr 2025 13:35		YP/AJ	Ok
17	AR1248ICC500	AR1248ICC500	PO110363.D	10 Apr 2025 13:53		YP/AJ	Ok
18	AR1248ICC250	AR1248ICC250	PO110364.D	10 Apr 2025 14:11		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO041025

Review By	yogesh	Review On	4/10/2025 11:27:35 AM		
Supervise By	mohammad	Supervise On	4/14/2025 12:40:29 AM		
SubDirectory	PO041025	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248ICC050	AR1248ICC050	PO110365.D	10 Apr 2025 14:30		YP/AJ	Ok
20	AR1254ICC1000	AR1254ICC1000	PO110366.D	10 Apr 2025 14:48		YP/AJ	Ok
21	AR1254ICC750	AR1254ICC750	PO110367.D	10 Apr 2025 15:06		YP/AJ	Ok
22	AR1254ICC500	AR1254ICC500	PO110368.D	10 Apr 2025 15:25		YP/AJ	Ok
23	AR1254ICC250	AR1254ICC250	PO110369.D	10 Apr 2025 15:43		YP/AJ	Ok
24	AR1254ICC050	AR1254ICC050	PO110370.D	10 Apr 2025 16:02		YP/AJ	Ok
25	AR1262ICC500	AR1262ICC500	PO110371.D	10 Apr 2025 16:20		YP/AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PO110372.D	10 Apr 2025 16:38		YP/AJ	Ok
27	AR1268ICC750	AR1268ICC750	PO110373.D	10 Apr 2025 16:57		YP/AJ	Ok
28	AR1268ICC500	AR1268ICC500	PO110374.D	10 Apr 2025 17:15		YP/AJ	Ok
29	AR1268ICC250	AR1268ICC250	PO110375.D	10 Apr 2025 17:33		YP/AJ	Ok
30	AR1268ICC050	AR1268ICC050	PO110376.D	10 Apr 2025 17:52		YP/AJ	Ok
31	PO041025ICV500	ICVPO041025	PO110377.D	10 Apr 2025 18:09		YP/AJ	Ok
32	AR1242ICV500	ICVPO041025AR1242	PO110378.D	10 Apr 2025 18:46		YP/AJ	Ok
33	AR1248ICV500	ICVPO041025AR1248	PO110379.D	10 Apr 2025 19:22		YP/AJ	Ok
34	AR1254ICV500	ICVPO041025AR1254	PO110380.D	10 Apr 2025 19:58		YP/AJ	Ok
35	AR1268ICV500	ICVPO041025AR1268	PO110381.D	10 Apr 2025 20:35		YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO042925

Review By	yogesh	Review On	4/29/2025 11:07:42 AM		
Supervise By	mohammad	Supervise On	5/2/2025 2:51:07 AM		
SubDirectory	PO042925	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO110845.D	29 Apr 2025 09:06		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO110846.D	29 Apr 2025 09:24		YP/AJ	Ok
3	AR1242CCC500	AR1242CCC500	PO110847.D	29 Apr 2025 09:45		YP/AJ	Ok
4	AR1248CCC500	AR1248CCC500	PO110848.D	29 Apr 2025 10:03		YP/AJ	Ok
5	AR1254CCC500	AR1254CCC500	PO110849.D	29 Apr 2025 10:21		YP/AJ	Ok
6	I.BLK	I.BLK	PO110850.D	29 Apr 2025 10:40		YP/AJ	Ok
7	PB167765BL	PB167765BL	PO110851.D	29 Apr 2025 10:58		YP/AJ	Not Ok
8	Q1889-01	COMP-1	PO110852.D	29 Apr 2025 11:16		YP/AJ	Ok
9	Q1889-01MS	COMP-1MS	PO110853.D	29 Apr 2025 11:35		YP/AJ	Ok
10	Q1889-01MSD	COMP-1MSD	PO110854.D	29 Apr 2025 11:53		YP/AJ	Ok
11	Q1860-34DL2	P001-SS028-01DL2	PO110855.D	29 Apr 2025 12:11		YP/AJ	Ok,M
12	Q1904-01	VNJ-210	PO110856.D	29 Apr 2025 13:36		YP/AJ	Not Ok
13	Q1902-02	343	PO110857.D	29 Apr 2025 13:54		YP/AJ	Ok,M
14	Q1903-01	COMP-4	PO110858.D	29 Apr 2025 14:12		YP/AJ	Ok
15	Q1903-02	COMP-5	PO110859.D	29 Apr 2025 14:31		YP/AJ	Ok
16	Q1903-03	COMP-6	PO110860.D	29 Apr 2025 14:49		YP/AJ	Ok
17	AR1660CCC500	AR1660CCC500	PO110861.D	29 Apr 2025 15:58		YP/AJ	Ok
18	AR1242CCC500	AR1242CCC500	PO110862.D	29 Apr 2025 16:35		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO042925

Review By	yogesh	Review On	4/29/2025 11:07:42 AM		
Supervise By	mohammad	Supervise On	5/2/2025 2:51:07 AM		
SubDirectory	PO042925	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248CCC500	AR1248CCC500	PO110863.D	29 Apr 2025 16:53		YP/AJ	Ok
20	AR1254CCC500	AR1254CCC500	PO110864.D	29 Apr 2025 17:11		YP/AJ	Ok
21	I.BLK	I.BLK	PO110865.D	29 Apr 2025 17:29		YP/AJ	Ok
22	Q1904-01	VNJ-210	PO110866.D	29 Apr 2025 17:48		YP/AJ	Ok
23	Q1904-01MS	VNJ-210MS	PO110867.D	29 Apr 2025 18:05		YP/AJ	Ok
24	Q1904-01MSD	VNJ-210MSD	PO110868.D	29 Apr 2025 18:23		YP/AJ	Ok
25	Q1906-01	WC-4	PO110869.D	29 Apr 2025 18:42		YP/AJ	Ok
26	Q1906-05	WC-5	PO110870.D	29 Apr 2025 19:00		YP/AJ	Ok
27	Q1906-09	WC-6	PO110871.D	29 Apr 2025 19:19		YP/AJ	Ok,M
28	Q1906-13	WC-7	PO110872.D	29 Apr 2025 19:37		YP/AJ	Ok
29	Q1897-01	40125	PO110873.D	29 Apr 2025 19:55	AR1242 Hit	YP/AJ	Ok,M
30	Q1901-06	FB04262025	PO110874.D	29 Apr 2025 20:14		YP/AJ	Ok
31	Q1897-02	41425	PO110875.D	29 Apr 2025 20:32		YP/AJ	Ok,M
32	AR1660CCC500	AR1660CCC500	PO110876.D	29 Apr 2025 22:00		YP/AJ	Ok
33	AR1242CCC500	AR1242CCC500	PO110877.D	29 Apr 2025 22:36		YP/AJ	Ok
34	AR1248CCC500	AR1248CCC500	PO110878.D	29 Apr 2025 22:55		YP/AJ	Ok
35	AR1254CCC500	AR1254CCC500	PO110879.D	29 Apr 2025 23:13		YP/AJ	Ok
36	I.BLK	I.BLK	PO110880.D	29 Apr 2025 23:31		YP/AJ	Ok
37	PB167790BL	PB167790BL	PO110881.D	29 Apr 2025 23:50		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO042925

Review By	yogesh	Review On	4/29/2025 11:07:42 AM		
Supervise By	mohammad	Supervise On	5/2/2025 2:51:07 AM		
SubDirectory	PO042925	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	PB167790BS	PB167790BS	PO110882.D	30 Apr 2025 00:08		YP/AJ	Ok
39	Q1909-01	KMH358F-1-1	PO110883.D	30 Apr 2025 00:26	AR1254 Hit	YP/AJ	Ok,M
40	Q1909-02	KMH358F-1-2	PO110884.D	30 Apr 2025 00:45	AR1254 Hit	YP/AJ	Ok,M
41	AR1660CCC500	AR1660CCC500	PO110885.D	30 Apr 2025 02:11		YP/AJ	Ok
42	AR1242CCC500	AR1242CCC500	PO110886.D	30 Apr 2025 02:48		YP/AJ	Ok
43	AR1248CCC500	AR1248CCC500	PO110887.D	30 Apr 2025 03:06		YP/AJ	Ok
44	AR1254CCC500	AR1254CCC500	PO110888.D	30 Apr 2025 03:25		YP/AJ	Ok
45	I.BLK	I.BLK	PO110889.D	30 Apr 2025 03:43		YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP042225

Review By	yogesh	Review On	4/22/2025 1:34:56 PM		
Supervise By	mohammad	Supervise On	4/24/2025 6:33:42 AM		
SubDirectory	PP042225	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP071387.D	22 Apr 2025 09:56		YP\AJ	Ok
2	I.BLK	I.BLK	PP071388.D	22 Apr 2025 10:13		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP071389.D	22 Apr 2025 10:29		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP071390.D	22 Apr 2025 10:45		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP071391.D	22 Apr 2025 11:02		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP071392.D	22 Apr 2025 11:18		YP\AJ	Ok
7	AR1660ICC050	AR1660ICC050	PP071393.D	22 Apr 2025 11:34		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP071394.D	22 Apr 2025 11:51		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP071395.D	22 Apr 2025 12:07		YP\AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PP071396.D	22 Apr 2025 12:23		YP\AJ	Ok
11	AR1242ICC750	AR1242ICC750	PP071397.D	22 Apr 2025 12:39		YP\AJ	Ok
12	AR1242ICC500	AR1242ICC500	PP071398.D	22 Apr 2025 12:56		YP\AJ	Ok
13	AR1242ICC250	AR1242ICC250	PP071399.D	22 Apr 2025 13:12		YP\AJ	Ok
14	AR1242ICC050	AR1242ICC050	PP071400.D	22 Apr 2025 13:28		YP\AJ	Ok
15	AR1248ICC1000	AR1248ICC1000	PP071401.D	22 Apr 2025 13:45		YP\AJ	Ok
16	AR1248ICC750	AR1248ICC750	PP071402.D	22 Apr 2025 14:01		YP\AJ	Ok
17	AR1248ICC500	AR1248ICC500	PP071403.D	22 Apr 2025 14:17		YP\AJ	Ok
18	AR1248ICC250	AR1248ICC250	PP071404.D	22 Apr 2025 14:33		YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP042225

Review By	yogesh	Review On	4/22/2025 1:34:56 PM		
Supervise By	mohammad	Supervise On	4/24/2025 6:33:42 AM		
SubDirectory	PP042225	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248ICC050	AR1248ICC050	PP071405.D	22 Apr 2025 14:50		YP\AJ	Ok
20	AR1254ICC1000	AR1254ICC1000	PP071406.D	22 Apr 2025 15:06		YP\AJ	Ok
21	AR1254ICC750	AR1254ICC750	PP071407.D	22 Apr 2025 15:22		YP\AJ	Ok,M
22	AR1254ICC500	AR1254ICC500	PP071408.D	22 Apr 2025 15:38		YP\AJ	Ok
23	AR1254ICC250	AR1254ICC250	PP071409.D	22 Apr 2025 15:55		YP\AJ	Ok
24	AR1254ICC050	AR1254ICC050	PP071410.D	22 Apr 2025 16:11		YP\AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP071411.D	22 Apr 2025 16:27		YP\AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP071412.D	22 Apr 2025 16:44		YP\AJ	Ok,M
27	AR1268ICC750	AR1268ICC750	PP071413.D	22 Apr 2025 17:00		YP\AJ	Ok,M
28	AR1268ICC500	AR1268ICC500	PP071414.D	22 Apr 2025 17:16		YP\AJ	Ok,M
29	AR1268ICC250	AR1268ICC250	PP071415.D	22 Apr 2025 17:33		YP\AJ	Ok,M
30	AR1268ICC050	AR1268ICC050	PP071416.D	22 Apr 2025 17:49		YP\AJ	Ok,M
31	PP042225ICV500	ICVPP042225	PP071417.D	22 Apr 2025 18:05		YP\AJ	Ok
32	AR1242ICV500	ICVPP042225AR1242	PP071418.D	22 Apr 2025 18:38		YP\AJ	Ok
33	AR1248ICV500	ICVPP042225AR1248	PP071419.D	22 Apr 2025 19:27		YP\AJ	Ok
34	AR1254ICV500	ICVPP042225AR1254	PP071420.D	22 Apr 2025 19:43		YP\AJ	Ok
35	AR1268ICV500	ICVPP042225AR1268	PP071421.D	22 Apr 2025 20:16		YP\AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP042925

Review By	yogesh	Review On	4/29/2025 11:08:35 AM		
Supervise By	mohammad	Supervise On	5/2/2025 2:54:00 AM		
SubDirectory	PP042925	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP071598.D	29 Apr 2025 10:16		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP071599.D	29 Apr 2025 10:33		YP\AJ	Ok
3	AR1242CCC500	AR1242CCC500	PP071600.D	29 Apr 2025 10:51		YP\AJ	Ok
4	AR1248CCC500	AR1248CCC500	PP071601.D	29 Apr 2025 11:07		YP\AJ	Ok
5	AR1254CCC500	AR1254CCC500	PP071602.D	29 Apr 2025 11:24		YP\AJ	Ok
6	I.BLK	I.BLK	PP071603.D	29 Apr 2025 11:40		YP\AJ	Ok
7	Q1860-35DL	P001-SS029-01DL	PP071604.D	29 Apr 2025 11:56	AR1248+AR1254+AR1260 Hit	YP\AJ	Ok,M
8	Q1884-01DL	P001-SS037-01DL	PP071605.D	29 Apr 2025 12:12	AR1248 + AR1254 + AR1260 Hit, DCB High in both col, TCMX High in 2nd col	YP\AJ	Ok,M
9	Q1884-02DL	P001-SS038-01DL	PP071606.D	29 Apr 2025 12:29	AR1254 + AR1260 Hit, DCB High in both col	YP\AJ	Ok,M
10	PB167776BL	PB167776BL	PP071607.D	29 Apr 2025 13:30		YP\AJ	Ok
11	PB167776BS	PB167776BS	PP071608.D	29 Apr 2025 13:46		YP\AJ	Ok
12	Q1883-01	OU4-PCS-TC-27-04232	PP071609.D	29 Apr 2025 14:02		YP\AJ	Ok,M
13	Q1883-03	OU4-PCS-TC-28-04232	PP071610.D	29 Apr 2025 14:19		YP\AJ	Ok
14	Q1883-05	OU4-PCS-TC-29-04232	PP071611.D	29 Apr 2025 14:35		YP\AJ	Ok
15	Q1883-07	OU4-PCS-TC-30-04232	PP071612.D	29 Apr 2025 14:51		YP\AJ	Ok
16	Q1883-09	OU4-PCS-TC-31-04232	PP071613.D	29 Apr 2025 15:08		YP\AJ	Ok
17	AR1660CCC500	AR1660CCC500	PP071614.D	29 Apr 2025 16:29		YP\AJ	Ok

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP042925

Review By	yogesh	Review On	4/29/2025 11:08:35 AM		
Supervise By	mohammad	Supervise On	5/2/2025 2:54:00 AM		
SubDirectory	PP042925	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	AR1242CCC500	AR1242CCC500	PP071615.D	29 Apr 2025 17:02		YP\AJ	Ok
19	AR1248CCC500	AR1248CCC500	PP071616.D	29 Apr 2025 17:18		YP\AJ	Ok
20	AR1254CCC500	AR1254CCC500	PP071617.D	29 Apr 2025 17:34		YP\AJ	Ok
21	I.BLK	I.BLK	PP071618.D	29 Apr 2025 17:51		YP\AJ	Ok
22	Q1883-11	OU4-PCS-TC-32-04232	PP071619.D	29 Apr 2025 18:07		YP\AJ	Ok
23	Q1883-13	OU4-VSL-18-042325	PP071620.D	29 Apr 2025 18:23		YP\AJ	Ok
24	Q1883-15	OU4-VSL-19-042325	PP071621.D	29 Apr 2025 18:40		YP\AJ	Ok
25	Q1901-02	B-167-SB01	PP071622.D	29 Apr 2025 18:56		YP\AJ	Ok,M
26	Q1901-04	B-167-SB02	PP071623.D	29 Apr 2025 19:12		YP\AJ	Ok
27	PB167782BL	PB167782BL	PP071624.D	29 Apr 2025 19:29		YP\AJ	Ok
28	PB167782BS	PB167782BS	PP071625.D	29 Apr 2025 19:45		YP\AJ	Ok
29	PB167782BSD	PB167782BSD	PP071626.D	29 Apr 2025 20:01		YP\AJ	Ok
30	Q1890-01	TW-WTS-07	PP071627.D	29 Apr 2025 20:18		YP\AJ	Ok
31	Q1896-03	295-BERGEN-FRAC	PP071628.D	29 Apr 2025 20:34		YP\AJ	Ok,M
32	AR1660CCC500	AR1660CCC500	PP071629.D	29 Apr 2025 21:55		YP\AJ	Ok
33	AR1242CCC500	AR1242CCC500	PP071630.D	29 Apr 2025 22:28		YP\AJ	Ok
34	AR1248CCC500	AR1248CCC500	PP071631.D	29 Apr 2025 22:44		YP\AJ	Ok
35	AR1254CCC500	AR1254CCC500	PP071632.D	29 Apr 2025 23:01		YP\AJ	Ok,M
36	I.BLK	I.BLK	PP071633.D	29 Apr 2025 23:17		YP\AJ	Ok

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP042925

Review By	yogesh	Review On	4/29/2025 11:08:35 AM		
Supervise By	mohammad	Supervise On	5/2/2025 2:54:00 AM		
SubDirectory	PP042925	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/28/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 04/25/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:37
Out Date: 04/26/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135558

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
Q1883-01	OU4-PCS-TC-27-042325	1	1.18	10.04	11.22	10.67	94.5	
Q1883-03	OU4-PCS-TC-28-042325	2	1.14	9.97	11.11	10.56	94.5	
Q1883-05	OU4-PCS-TC-29-042325	3	1.19	10.54	11.73	11.28	95.7	
Q1883-07	OU4-PCS-TC-30-042325	4	1.17	10.15	11.32	10.96	96.5	
Q1883-09	OU4-PCS-TC-31-042325	5	1.18	10.48	11.66	11.34	96.9	
Q1883-11	OU4-PCS-TC-32-042325	6	1.18	9.96	11.14	10.87	97.3	
Q1883-13	OU4-PCS-18-042325	7	1.15	10.25	11.4	10.86	94.7	
Q1883-15	OU4-PCS-19-042325	8	1.19	10.54	11.73	11.29	95.8	
Q1884-01	P001-SS037-01	9	1.17	10.30	11.47	10.87	94.2	
Q1884-02	P001-SS038-01	10	1.17	10.32	11.49	11.22	97.4	
Q1888-05	SVOC-GPC-BLANK	11	1.00	1.00	2.00	2.00	100.0	
Q1888-06	PEST-GPC-BLANK	12	1.00	1.00	2.00	2.00	100.0	
Q1888-07	PEST-GPC-BLANK-SPIKE	13	1.00	1.00	2.00	2.00	100.0	
Q1888-08	PCB-GPC-BLANK	14	1.00	1.00	2.00	2.00	100.0	
Q1888-09	PCB-GPC-BLANK-SPIKE	15	1.00	1.00	2.00	2.00	100.0	
Q1888-10	SVOC-GPC2-BLANK	16	1.00	1.00	2.00	2.00	100.0	
Q1888-11	PEST-GPC2-BLANK	17	1.00	1.00	2.00	2.00	100.0	
Q1888-12	PEST-GPC2-BLANK-SPIKE	18	1.00	1.00	2.00	2.00	100.0	
Q1888-13	PCB-GPC2-BLANK	19	1.00	1.00	2.00	2.00	100.0	
Q1888-14	PCB-GCP2-BLANK-SPIKE	20	1.00	1.00	2.00	2.00	100.0	
Q1889-01	COMP-1	21	1.19	10.07	11.26	9.5	82.5	
Q1889-02	COMP-2	22	1.16	10.50	11.66	9.61	80.5	
Q1889-03	COMP-3	23	1.11	10.73	11.84	9.77	80.7	
Q1891-01	MH-C	24	1.15	9.48	10.63	9.8	91.2	
Q1891-02	MH-C-EPH	25	1.16	9.82	10.98	10.15	91.5	
Q1891-03	MH-C-VOC	26	1.19	9.94	11.13	10.2	90.6	
Q1891-05	MH-D	27	1.15	10.17	11.32	9.64	83.5	
Q1891-06	MH-D-EPH	28	1.15	9.97	11.12	8.74	76.1	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/28/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 04/25/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:37
Out Date: 04/26/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135558

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
Q1891-07	MH-D-VOC	29	1.18	9.46	10.64	8.83	80.9	
Q1892-01	MH-G	30	1.13	9.61	10.74	9.35	85.5	
Q1892-02	MH-G-EPH	31	1.15	10.29	11.44	9.98	85.8	
Q1892-03	MH-G-VOC	32	1.18	10.45	11.63	9.82	82.7	
Q1892-05	MH-H	33	1.14	9.66	10.8	9.92	90.9	
Q1892-06	MH-H-EPH	34	1.12	10.66	11.78	10.68	89.7	
Q1892-07	MH-H-VOC	35	1.18	10.19	11.37	10.28	89.3	
Q1892-09	MH-U2	36	1.18	10.04	11.22	9.96	87.5	
Q1892-10	MH-U2-EPH	37	1.19	10.34	11.53	10.04	85.6	
Q1892-11	MH-U2-VOC	38	1.18	10.22	11.4	10.14	87.7	
Q1893-01	UGGP-1	39	1.00	1.00	2.00	2.00	100.0	TAR SAMPLE
Q1893-02	UGGP-2	40	1.00	1.00	2.00	2.00	100.0	TAR SAMPLE
Q1893-03	INTERIOR-1	41	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1893-04	INTERIOR-2	42	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1893-05	INTERIOR-3	43	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1893-06	INTERIOR-4	44	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1893-07	EXTERIOR-1	45	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1895-01	COMP-1	55	1.14	10.58	11.72	10.97	92.9	
Q1895-03	COMP-2	56	1.14	10.77	11.91	10.96	91.2	
Q1895-05	COMP-3	57	1.18	10.06	11.24	10.56	93.2	
Q1896-01	295-BERGEN-RO	58	1.14	11.31	12.45	10.91	86.4	
Q1896-02	295-BERGEN-RO	59	1.18	10.01	11.19	9.9	87.1	
Q1898-01	41525A	60	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1898-02	41525B	61	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1898-03	42525A	62	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1898-04	42525B	63	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1900-01	WC-1	46	1.14	9.98	11.12	9.56	84.4	
Q1900-02	WC-1-EPH	47	1.14	10.35	11.49	10.19	87.4	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/28/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 04/25/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:37
Out Date: 04/26/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135558

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
Q1900-03	WC-1-VOC	48	1.14	10.01	11.15	9.73	85.8	
Q1900-05	WC-2	49	1.19	8.82	10.01	8.76	85.8	
Q1900-06	WC-2-EPH	50	1.19	10.08	11.27	9.76	85.0	
Q1900-07	WC-2-VOC	51	1.17	10.79	11.96	10.33	84.9	
Q1900-09	WC-3	52	1.14	9.61	10.75	9.32	85.1	
Q1900-10	WC-3-EPH	53	1.12	10.38	11.5	9.11	77.0	
Q1900-11	WC-3-VOC	54	1.19	10.71	11.9	10.39	85.9	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

VB135558

WorkList Name : %1-042525 **WorkList ID :** 189135 **Department :** Wet-Chemistry **Date :** 04-25-2025 08:09:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1883-01	OU4-PCS-TC-27-042325	Solid	Percent Solids	Cool 4 deg C	NOBI03	L41	04/23/2025	Chemtech -SO
Q1883-03	OU4-PCS-TC-28-042325	Solid	Percent Solids	Cool 4 deg C	NOBI03	L41	04/23/2025	Chemtech -SO
Q1883-05	OU4-PCS-TC-29-042325	Solid	Percent Solids	Cool 4 deg C	NOBI03	L41	04/23/2025	Chemtech -SO
Q1883-07	OU4-PCS-TC-30-042325	Solid	Percent Solids	Cool 4 deg C	NOBI03	L41	04/23/2025	Chemtech -SO
Q1883-09	OU4-PCS-TC-31-042325	Solid	Percent Solids	Cool 4 deg C	NOBI03	L41	04/23/2025	Chemtech -SO
Q1883-11	OU4-PCS-TC-32-042325	Solid	Percent Solids	Cool 4 deg C	NOBI03	L41	04/23/2025	Chemtech -SO
Q1883-13	OU4-PCS-18-042325	Solid	Percent Solids	Cool 4 deg C	NOBI03	L41	04/23/2025	Chemtech -SO
Q1883-15	OU4-PCS-19-042325	Solid	Percent Solids	Cool 4 deg C	NOBI03	L41	04/23/2025	Chemtech -SO
Q1884-01	P001-SS037-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/24/2025	Chemtech -SO
Q1884-02	P001-SS038-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/24/2025	Chemtech -SO
Q1888-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/18/2025	Chemtech -SO
Q1888-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/18/2025	Chemtech -SO
Q1888-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/18/2025	Chemtech -SO
Q1888-08	PCB-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/18/2025	Chemtech -SO
Q1888-09	PCB-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/18/2025	Chemtech -SO
Q1888-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/18/2025	Chemtech -SO
Q1888-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/18/2025	Chemtech -SO
Q1888-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/18/2025	Chemtech -SO
Q1888-13	PCB-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/18/2025	Chemtech -SO
Q1888-14	PCB-GCP2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/18/2025	Chemtech -SO
Q1889-01	COMP-1	Solid	Percent Solids	Cool 4 deg C	POWE02	L51	04/24/2025	Chemtech -SO

Date/Time 04/25/25 15:20

Raw Sample Received by: JD (WC)

Raw Sample Relinquished by: JD (SM)

Date/Time 04/25/25 17:30

Raw Sample Received by: JD (SM)

Raw Sample Relinquished by: JD (WC)

WORKLIST(Hardcopy Internal Chain)

UB 135558

WorkList Name : %1-042525 **WorkList ID :** 189135 **Department :** Wet-Chemistry **Date :** 04-25-2025 08:09:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1889-02	COMP-2	Solid	Percent Solids	Cool 4 deg C	POWE02	L51	04/24/2025	Chemtech -SO
Q1889-03	COMP-3	Solid	Percent Solids	Cool 4 deg C	POWE02	L51	04/24/2025	Chemtech -SO
Q1891-01	MH-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1891-02	MH-C-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1891-03	MH-C-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1891-05	MH-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1891-06	MH-D-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1891-07	MH-D-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1892-01	MH-G	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1892-02	MH-G-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/24/2025	Chemtech -SO
Q1892-03	MH-G-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/24/2025	Chemtech -SO
Q1892-05	MH-H	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/24/2025	Chemtech -SO
Q1892-06	MH-H-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/24/2025	Chemtech -SO
Q1892-07	MH-H-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/24/2025	Chemtech -SO
Q1892-09	MH-U2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/24/2025	Chemtech -SO
Q1892-10	MH-U2-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/25/2025	Chemtech -SO
Q1892-11	MH-U2-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/25/2025	Chemtech -SO
Q1893-01	UGGP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1893-02	UGGP-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1893-03	INTERIOR-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1893-04	INTERIOR-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO

Date/Time 04/25/25 1520

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: JD CSM

Date/Time 04/25/25 1730

Raw Sample Received by: JD CSM

Raw Sample Relinquished by: [illegible] Cool C

WORKLIST(Hardcopy Internal Chain)

VR 135558

WorkList Name : %1-042525 **WorkList ID :** 189135 **Department :** Wet-Chemistry **Date :** 04-25-2025 08:09:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1893-05	INTERIOR-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1893-06	INTERIOR-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1893-07	EXTERIOR-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1895-01	COMP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1895-03	COMP-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1895-05	COMP-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1896-01	295-BERGEN-RO	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1896-02	295-BERGEN-RO	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/25/2025	Chemtech -SO
Q1898-01	41525A	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/25/2025	Chemtech -SO
Q1898-02	41525B	Solid	Percent Solids	Cool 4 deg C	PSEG03	L12	04/25/2025	Chemtech -SO
Q1898-03	42525A	Solid	Percent Solids	Cool 4 deg C	PSEG03	L12	04/25/2025	Chemtech -SO
Q1898-04	42525B	Solid	Percent Solids	Cool 4 deg C	PSEG03	L12	04/25/2025	Chemtech -SO
Q1900-01	WC-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L12	04/25/2025	Chemtech -SO
Q1900-02	WC-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1900-03	WC-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1900-05	WC-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1900-06	WC-2-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1900-07	WC-2-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1900-09	WC-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1900-10	WC-3-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1900-11	WC-3-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO

Date/Time 04/25/25 13:20

Raw Sample Received by: JD WEC

Raw Sample Relinquished by: JD CSM

Date/Time 04/25/25 17:30

Raw Sample Received by: JD CSM

Raw Sample Relinquished by: JD WEC

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB167776

SOP ID:	M3541-ASE Extraction-14				
Clean Up SOP #:	Acid Cleanup			**Extraction Start Date :**	04/29/2025
Matrix :	Solid			**Extraction Start Time :**	08:35
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	04/29/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	11:35
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	RUPESH

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	PP24461
Surrogate	1.0ML	200 PPB	PP24460
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	EP2601
Baked Na2SO4	N/A	EP2607
Sand	N/A	E2865
Hexane	N/A	E3928
H2SO4 1:1	N/A	EP2565
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 ML Vial lot# 03-40 BTS723.

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
4/29/25	RS (Ext. lab)	R. Pe 8/PCB Lab
11:40	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB167776

Analytical Method: M3541-ASE Extraction-14 **Concentration Date:** 04/29/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167776BL	ABLK776	PCB	30.01	N/A	ritesh	Evelyn	10			U7-1
PB167776BS	ALCS776	PCB	30.03	N/A	ritesh	Evelyn	10			2
Q1883-01	OU4-PCS-TC-27-042325	PCB	30.05	N/A	ritesh	Evelyn	10	E		3
Q1883-03	OU4-PCS-TC-28-042325	PCB	30.06	N/A	ritesh	Evelyn	10	E		4
Q1883-05	OU4-PCS-TC-29-042325	PCB	30.02	N/A	ritesh	Evelyn	10	E		5
Q1883-07	OU4-PCS-TC-30-042325	PCB	30.05	N/A	ritesh	Evelyn	10	E		6
Q1883-09	OU4-PCS-TC-31-042325	PCB	30.08	N/A	ritesh	Evelyn	10	E		U1-1
Q1883-11	OU4-PCS-TC-32-042325	PCB	30.03	N/A	ritesh	Evelyn	10	E		2
Q1883-13	OU4-~~PCS~~-18-042325 VSL	PCB	30.06	N/A	ritesh	Evelyn	10	E		3
Q1883-15	OU4-~~PCS~~-19-042325 VSL	PCB	30.01	N/A	ritesh	Evelyn	10	E		4
Q1901-02	B-167-SB01	PCB	30.07	N/A	ritesh	Evelyn	10	F		5
Q1901-04	B-167-SB02	PCB	30.03	N/A	ritesh	Evelyn	10	E		6
Q1901-05	B-170-SB02	PCB	30.04	N/A	ritesh	Evelyn	10	E		U2-1
Q1902-02	343	PCB	30.05	N/A	ritesh	Evelyn	10	D		2
Q1903-01	COMP-4	PCB Group1	30.02	N/A	ritesh	Evelyn	10	E		3
Q1903-02	COMP-5	PCB Group1	30.06	N/A	ritesh	Evelyn	10	E		4
Q1903-03	COMP-6	PCB Group1	30.08	N/A	ritesh	Evelyn	10	E		5
Q1904-01	VNJ-210	PCB	30.06	N/A	ritesh	Evelyn	10	H		6
Q1904-01MS	VNJ-210MS	PCB	30.03	N/A	ritesh	Evelyn	10	H		U3-1
Q1904-01MSD	VNJ-210MSD	PCB	30.05	N/A	ritesh	Evelyn	10	H		2
Q1906-01	WC-4	PCB	30.04	N/A	ritesh	Evelyn	10	D		3
Q1906-05	WC-5	PCB	30.01	N/A	ritesh	Evelyn	10	D		4
Q1906-09	WC-6	PCB	30.09	N/A	ritesh	Evelyn	10	D		5
Q1906-13	WC-7	PCB	30.02	N/A	ritesh	Evelyn	10	D		6

RS 4/29

* **Extracts relinguished on the same date as received.**

163776 8:35

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1883p **WorkList ID :** 189197 **Department :** Extraction **Date :** 04-29-2025 08:25:48

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1883-01	OU4-PCS-TC-27-042325	Solid	PCB	Cool 4 deg C	NOBI03	L41	04/23/2025	8082A
Q1883-03	OU4-PCS-TC-28-042325	Solid	PCB	Cool 4 deg C	NOBI03	L41	04/23/2025	8082A
Q1883-05	OU4-PCS-TC-29-042325	Solid	PCB	Cool 4 deg C	NOBI03	L41	04/23/2025	8082A
Q1883-07	OU4-PCS-TC-30-042325	Solid	PCB	Cool 4 deg C	NOBI03	L41	04/23/2025	8082A
Q1883-09	OU4-PCS-TC-31-042325	Solid	PCB	Cool 4 deg C	NOBI03	L41	04/23/2025	8082A
Q1883-11	OU4-PCS-TC-32-042325	Solid	PCB	Cool 4 deg C	NOBI03	L41	04/23/2025	8082A
Q1883-13	OU4-PCS-18-042325	Solid	PCB	Cool 4 deg C	NOBI03	L41	04/23/2025	8082A
Q1883-15	OU4-PCS-19-042325	Solid	PCB	Cool 4 deg C	NOBI03	L41	04/23/2025	8082A
Q1901-02	B-167-SB01	Solid	PCB	Cool 4 deg C	PORT06	L51	04/26/2025	8082A
Q1901-04	B-167-SB02	Solid	PCB	Cool 4 deg C	PORT06	L51	04/26/2025	8082A
Q1901-05	B-170-SB02	Solid	PCB	Cool 4 deg C	PORT06	L51	04/26/2025	8082A
Q1902-02	343	Solid	PCB	Cool 4 deg C	PSEG03	L41	04/28/2025	8082A
Q1903-01	COMP-4	Solid	PCB Group1	Cool 4 deg C	POWE02	L51	04/25/2025	8082A
Q1903-02	COMP-5	Solid	PCB Group1	Cool 4 deg C	POWE02	L51	04/25/2025	8082A
Q1903-03	COMP-6	Solid	PCB Group1	Cool 4 deg C	POWE02	L51	04/25/2025	8082A
Q1904-01	VNJ-210	Solid	PCB	Cool 4 deg C	PSEG03	L41	04/28/2025	8082A
Q1906-01	WC-4	Solid	PCB	Cool 4 deg C	PSEG03	L41	04/28/2025	8082A
Q1906-05	WC-5	Solid	PCB	Cool 4 deg C	PSEG03	L41	04/28/2025	8082A
Q1906-09	WC-6	Solid	PCB	Cool 4 deg C	PSEG03	L41	04/28/2025	8082A
Q1906-13	WC-7	Solid	PCB	Cool 4 deg C	PSEG03	L41	04/28/2025	8082A

RS 5/5

Date/Time 04/29/25 9:27
Raw Sample Received by: RJ (EXT-Lab)
Raw Sample Relinquished by:

Date/Time 04/29/25 9:00
Raw Sample Received by:
Raw Sample Relinquished by: RJ (EXT-Lab)

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

Prep Standard - Chemical Standard Summary

Order ID : Q1883

Test : PCB

Prepbatch ID : PB167776,

Sequence ID/Qc Batch ID: PO042925,PP042925,

Standard ID :
EP2565,EP2601,EP2607,PP24329,PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369,PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387,PP24460,PP24461,

Chemical ID :
E2865,E3551,E3804,E3877,E3916,E3917,E3928,M5173,P11522,P12699,P12702,P12931,P12936,P12949,P12955,P12957,P13355,P13356,P13373,P13381,P13589,P13591,P13697,P13702,P13830,P13878,P13883,W3112,W3177,

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Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
314	1.1 H2SO4 SOLN	EP2565	11/20/2024	05/20/2025	Rajesh Parikh	None	None	RUPESHKUMAR SHAH 11/20/2024

FROM 1000.00000ml of M5173 + 1000.00000ml of W3112 = Final Quantity: 2000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
230	1:1ACETONE/HEXANE	EP2601	04/07/2025	10/03/2025	Rajesh Parikh	None	None	Riteshkumar Patel 04/07/2025

FROM 8000.00000ml of E3916 + 8000.00000ml of E3917 = Final Quantity: 8000.000 ml

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Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3923	Baked Sodium Sulfate	EP2607	04/25/2025	07/01/2025	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 04/25/2025

FROM 4000.00000gram of E3551 = Final Quantity: 4000.000 gram

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
84	Pest/PCB Surrogate Stock 20 PPM	PP24329	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P13356 + 9.00000ml of W3177 = Final Quantity: 10.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
202	AR1660 1000/100 ppb working solution 1st source	PP24330	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P13697 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
203	AR1660 750 PPB STD	PP24331	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24330 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
204	AR1660 500 PPB STD	PP24332	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24330 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
205	AR1660 250 PPB STD	PP24333	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24330 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
206	AR1660 50 PPB STD	PP24334	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24332 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
213	AR1221 1000 PPB WORKING SOLUTION	PP24335	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P13702 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1079	AR1221 750 PPB STD	PP24336	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24335 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
222	AR1221 500 PPB STD	PP24337	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24335 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1080	AR1221 250 PPB STD	PP24338	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24335 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1081	AR1221 50 PPB STD	PP24339	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24337 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
214	AR1232 1000 PPB WORKING SOLUTION	PP24340	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P13878 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1063	AR1232 750 PPB STD	PP24341	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24340 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
223	AR1232 500 PPB STD	PP24342	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24340 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1064	AR1232 250 PPB STD	PP24343	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24340 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1065	AR1232 50 PPB STD	PP24344	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24342 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
215	AR1242 1000 PPB WORKING STD	PP24345	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P12931 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1067	AR1242 750 PPB STD	PP24346	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.75000ml of PP24345 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
224	AR1242 500 PPB STD	PP24347	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24345 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1068	AR1242 250 PPB STD	PP24348	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24345 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1069	AR1242 50 PPB STD	PP24349	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24347 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
216	AR1248 1000 PPB WORKING STD	PP24350	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P12936 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1075	AR1248 750 PPB STD	PP24351	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24350 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
225	AR1248 500 PPB STD	PP24352	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24350 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1076	AR1248 250 PPB STD	PP24353	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24350 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1077	AR1248 50 PPB STD	PP24354	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24352 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
217	AR1254 1000 PPB WORKING STD	PP24355	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P13830 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1071	AR1254 750 PPB STD	PP24356	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24355 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
226	AR1254 500 PPB STD	PP24357	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24355 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1072	AR1254 250 PPB STD	PP24358	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24355 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1073	AR1254 50 PPB STD	PP24359	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24357 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1529	AR1262 1000 PPB Working Solution	PP24360	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P13883 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3753	AR1262 750 PPB STD	PP24361	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24360 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1530	AR1262 500 PPB STD	PP24362	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24360 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3754	AR1262 250 PPB STD	PP24363	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24360 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3755	AR1262 50 PPB STD	PP24364	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24362 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1532	AR1268 1000 PPB Working Solution	PP24365	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P13381 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3820	AR1268 750 PPB STD	PP24366	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24365 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1533	AR1268 500 PPB STD	PP24367	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24365 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3821	AR1268 250 PPB STD	PP24368	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24365 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3822	AR1268 50 PPB STD	PP24369	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24367 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
404	AR1660 100 PPM Stock Solution 2nd Source	PP24370	03/18/2025	09/18/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P12949 + 9.00000ml of E3804 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
405	AR1660 1000/100 PPB ICV STD	PP24371	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 98.50000ml of W3177 + 0.50000ml of PP24329 + 1.00000ml of PP24370 = 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
406	AR1660 500 PPB ICV	PP24372	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24371 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3789	AR1221 1000 PPB WORKING SOL.2ND SOURCE(AGILENT)	PP24373	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P13373 + 98.50000ml of W3177 + 0.50000ml of PP24329 = 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
1886	AR1221 500 PPB ICV	PP24374	03/18/2025	08/12/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of E3877 + 0.50000ml of W3177 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1887	AR1232 1000 PPB Working Sol. 2nd Source	PP24375	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P12699 + 98.50000ml of W3177 + 0.50000ml of PP24329 = 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	PP24376	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24375 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1889	AR1242 1000 PPB Working Sol. 2nd Source	PP24377	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P13589 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1891	AR1242 500 PPB ICV	PP24378	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24377 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1890	AR1248 1000 PPB Working Sol. 2nd Source	PP24379	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P13591 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1892	AR1248 500 PPB ICV	PP24380	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24379 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1893	AR1254 1000 PPB Working Sol. 2nd Source	PP24381	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P12957 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1894	AR1254 500 PPB ICV	PP24382	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24381 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3757	AR1262 1000 PPB Working Solution second source	PP24384	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P12702 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3758	AR1262 500 PPB STD ICV	PP24385	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24384 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3817	AR1268 1000 ppb Working Soln. 2nd source	PP24386	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P11522 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3823	AR1268 500 PPB STD ICV	PP24387	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24386 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
465	200 PPB Pest/PCB Surrogate Spike	PP24460	04/11/2025	10/03/2025	Abdul Mirza	None	None	Yogesh Patel 04/16/2025

FROM 1.00000ml of P13355 + 999.00000ml of E3917 = Final Quantity: 1000.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3857	5000 PPB PCB SPIKE SOLUTION 2ND SOURCE	PP24461	04/11/2025	10/03/2025	Abdul Mirza	None	None	Yogesh Patel 04/16/2025

FROM 0.50000ml of P12955 + 99.50000ml of E3917 = Final Quantity: 100.000 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	06/30/2025	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	07/01/2025	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	9005-05 / Acetone Ultra (cs/4x4L)	24E0761004	11/05/2025	10/01/2024 / Rajesh	09/25/2024 / Rajesh	E3804

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)	243570	08/12/2025	02/12/2025 / Rajesh	02/12/2025 / Rajesh	E3877

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)	243570	10/03/2025	04/03/2025 / Rajesh	03/31/2025 / Rajesh	E3916

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)	24H2762008	10/03/2025	04/03/2025 / Rajesh	03/31/2025 / Rajesh	E3917

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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)	25C0362005	10/22/2025	04/18/2025 / RUPESH	04/16/2025 / RUPESH	E3928

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	06/02/2025	06/01/2022 /	04/05/2022 / william	M5173

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-382-1 / Aroclor 1268	0006587800	09/18/2025	03/18/2025 / yogesh	02/21/2022 / Ankita	P11522

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	09/18/2025	03/18/2025 / yogesh	08/07/2023 / Ankita	P12699

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards,Inc	x9166 / Aroclor 1262 100 ug/mL	060523	09/18/2025	03/18/2025 / yogesh	08/07/2023 / Ankita	P12702

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	09/18/2025	03/18/2025 / yogesh	12/07/2023 / Ankita	P12931

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32010 / PCB Mix, Aroclor 1248, 1000ug/mL, Hexane, 1mL/ampul	a0202803	09/18/2025	03/18/2025 / yogesh	12/07/2023 / Ankita	P12936

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	022023	09/18/2025	03/18/2025 / yogesh	12/20/2023 / Yogesh	P12949

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	022023	10/11/2025	04/11/2025 / Abdul	12/20/2023 / Yogesh	P12955

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

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	10/11/2025	04/11/2025 / Abdul	04/22/2024 / Abdul	P13355

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	09/18/2025	03/18/2025 / yogesh	04/22/2024 / Abdul	P13356

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-292-1 / Aroclor 1221	0006783205	09/18/2025	03/18/2025 / yogesh	05/02/2024 / Ankita	P13373

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	A0207475	09/18/2025	03/18/2025 / yogesh	05/03/2024 / Abdul	P13381

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-312-1 / Aroclor 1242	0006665550	09/18/2025	03/18/2025 / yogesh	10/14/2024 / Ankita	P13589

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-342-1 / Aroclor 1248	0006726317	09/18/2025	03/18/2025 / yogesh	10/14/2024 / Ankita	P13591

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	A0210629	09/18/2025	03/18/2025 / yogesh	10/17/2024 / yogesh	P13697

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	A0215270	09/18/2025	03/18/2025 / yogesh	10/17/2024 / yogesh	P13702

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32011 / PCB Mix, Aroclor 1254, 1000ug/mL, Hexane, 1mL/ampul	A0217391	09/18/2025	03/18/2025 / yogesh	12/09/2024 / Ankita	P13830

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	A0219655	09/18/2025	03/18/2025 / yogesh	01/23/2025 / Ankita	P13878

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	A0220950	09/18/2025	03/18/2025 / yogesh	01/23/2025 / Ankita	P13883

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

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	08/22/2025	02/03/2025 / jignesh	01/31/2025 / jignesh	W3177

Sand
Purified
Washed and Ignited

avantor™ | J.T.Baker®

Material No.: 3382-05
Batch No.: 0000243821
Manufactured Date: 2018/04/09
Retest Date: 2025/04/07
Revision No: 1

Certificate of Analysis

Test	Specification	Result
Substances Soluble in HCl	<= 0.16 %	0.01

For Laboratory, Research or Manufacturing Use
Meets Reagent Specifications for testing USP/NF monographs

Country of Origin: US
Packaging Site: Paris Mfg Ctr & DC

E 2865

James T Ethier
Jamie Ethier
Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

PRODUCTOS QUIMICOS MONTERREY, S.A. DE C.V.

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MEXICO
CP 64070
TEL +52 81 13 52 57 57
www.pqm.com.mx

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE RMB3375)	FORMULA :	Na_2SO_4
SPECIFICATION NUMBER :	6399	RELEASE DATE:	ABR/21/2023
LOT NUMBER :	313201		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na_2SO_4)	Min. 99.0%	99.7 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.1
Insoluble matter	Max. 0.01%	0.005 %
Loss on ignition	Max. 0.5%	0.1 %
Chloride (Cl)	Max. 0.001%	<0.001 %
Nitrogen compounds (as N)	Max. 5 ppm	<5 ppm
Phosphate (PO_4)	Max. 0.001%	<0.001 %
Heavy metals (as Pb)	Max. 5 ppm	<5 ppm
Iron (Fe)	Max. 0.001%	<0.001 %
Calcium (Ca)	Max. 0.01%	0.002 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.003 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreing matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.1 %
Retained on US Standard No. 60 sieve	Min. 94%	97.3 %
Through US Standard No. 60 sieve	Max. 5%	2.5 %
Through US Standard No. 100 sieve	Max. 10%	0.1 %

COMMENTS

QC: PhC Irma Belmares

If you need further details, please call our factory or contact our local distributor.

RG-02-01, Ed. 3

Recd. by RB on 7/24/23 E3551

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

ThermoFisher SCIENTIFIC

Certificate of Analysis

1 Reagent Lane
Fair Lawn, NJ 07410
201.796.7100 tel
201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by SAI Global Certificate Number CERT – 0120633

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	H303	Quality Test / Release Date	11/07/2024
Lot Number	243570		
Description	HEXANES - OPTIMA		
Country of Origin	United States	Suggested Retest Date	Nov/2029
Chemical Origin	Organic - non animal		
BSE/TSE Comment	No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product.		

N/A			
Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear, colorless liquid
ASSAY (N-HEXANE)	%	>= 60	69
ASSAY (SUM C6 HYDROCARBONS)	%	>= 99.9	>99.9
COLOR	APHA	<= 5	<5
DENSITY AT 25 DEGREES C	GM/ML	Inclusive Between 0.653 - 0.673	0.669
EVAPORATION RESIDUE	ppm	<= 1	<1
FLUORESCENCE BACKGROUND	ppb	<= 1	<1
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
OPTICAL ABS AT 195 NM	ABS. UNITS	<= 1	0.74
OPTICAL ABS AT 210 NM	ABS. UNITS	<= 0.25	0.17
OPTICAL ABS AT 220 NM	ABS. UNITS	<= 0.07	0.05
OPTICAL ABS AT 254 NM	ABS. UNITS	<= 0.005	0.001
PESTICIDE RESIDUE ANALYSIS	NG/L	<= 10	<10
REFRACTIVE INDEX @ 25 DEG C		Inclusive Between 1.375 - 1.385	1.379
SUITABILITY FOR GC/MS		= PASS TEST	PASS TEST
SULFUR COMPOUNDS	%	<= 0.005	<0.005
THIOPHENE	PASS/FAIL	= PASS TEST	PASS TEST
WATER (H2O)	%	<= 0.01	<0.01
WATER-SOLUBLE TITRABLE ACID	MEQ/G	<= 0.0003	0.0001

Recd by RP on 2/12/25

E3877

Harout Sahagian - Quality Control Manager - Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.
If there are any questions with this certificate, please call at (800) 227-6701.
*Based on suggested storage condition.

Certificate of Analysis

1 Reagent Lane
Fair Lawn, NJ 07410
201.796.7100 tel
201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by SAI Global Certificate Number CERT – 0120633

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	H303	Quality Test / Release Date	11/07/2024
Lot Number	243570		
Description	HEXANES - OPTIMA		
Country of Origin	United States	Suggested Retest Date	Nov/2029
Chemical Origin	Organic - non animal		
BSE/TSE Comment	No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product.		

N/A

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear, colorless liquid
ASSAY (N-HEXANE)	%	>= 60	69
ASSAY (SUM C6 HYDROCARBONS)	%	>= 99.9	>99.9
COLOR	APHA	<= 5	<5
DENSITY AT 25 DEGREES C	GM/ML	Inclusive Between 0.653 - 0.673	0.669
EVAPORATION RESIDUE	ppm	<= 1	<1
FLUORESCENCE BACKGROUND	ppb	<= 1	<1
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
OPTICAL ABS AT 195 NM	ABS. UNITS	<= 1	0.74
OPTICAL ABS AT 210 NM	ABS. UNITS	<= 0.25	0.17
OPTICAL ABS AT 220 NM	ABS. UNITS	<= 0.07	0.05
OPTICAL ABS AT 254 NM	ABS. UNITS	<= 0.005	0.001
PESTICIDE RESIDUE ANALYSIS	NG/L	<= 10	<10
REFRACTIVE INDEX @ 25 DEG C		Inclusive Between 1.375 - 1.385	1.379
SUITABILITY FOR GC/MS		= PASS TEST	PASS TEST
SULFUR COMPOUNDS	%	<= 0.005	<0.005
THIOPHENE	PASS/FAIL	= PASS TEST	PASS TEST
WATER (H2O)	%	<= 0.01	<0.01
WATER-SOLUBLE TITRABLE ACID	MEQ/G	<= 0.0003	0.0001

Harout Sahagian - Quality Control Manager - Fair Lawn

Rec'd by RP on 3/31/25

E3916

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.
If there are any questions with this certificate, please call at (800) 227-6701.
*Based on suggested storage condition.

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H2762008
Manufactured Date: 2024-04-18
Expiration Date:2027-04-18
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 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 %	<0.1 %
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

Recd. by RP on 03/31/25

E3917

JCroak
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

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9262-03
Batch No.: 25C0362005
Manufactured Date: 2025-01-29
Expiration Date:2026-04-30
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 HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	<= 5	5
Assay (Total Saturated C_6 Isomers) (byGC, corrected for water)	>= 99.5 %	100.0 %
Assay (as n-Hexane) (by GC, correctedfor water)	>= 95 %	100 %
Color (APHA)	<= 10	10
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: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3928

JCroak
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

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

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

James Ethier
Jamie Ethier
Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

P11518 ↓ P11522 AJ 02/21/22

Certificate of Analysis

Product Name: Aroclor 1268 Standard

Product Number: PP-382-1 **Lot Issue Date:** 09-Feb-2021

Lot Number: 0006587800 **Expiration Date:** 31-Mar-2029

Description:
This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
Aroclor 1268	011100-14-4	RM00937	100.0 ± 0.5 µg/mL

Matrix: isooctane (2,2,4-trimethylpentane)

Storage Conditions: Store at Room Temperature (15° to 30°C).

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Intended Use:
This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

Expiration of Certification:
The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

M Bourgeois

Monica Bourgeois
QMS Representative

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026
Page: 1 of 1
www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED TESTING LABORATORY
ISO 17025 Cert No. AT-1937

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Refe

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

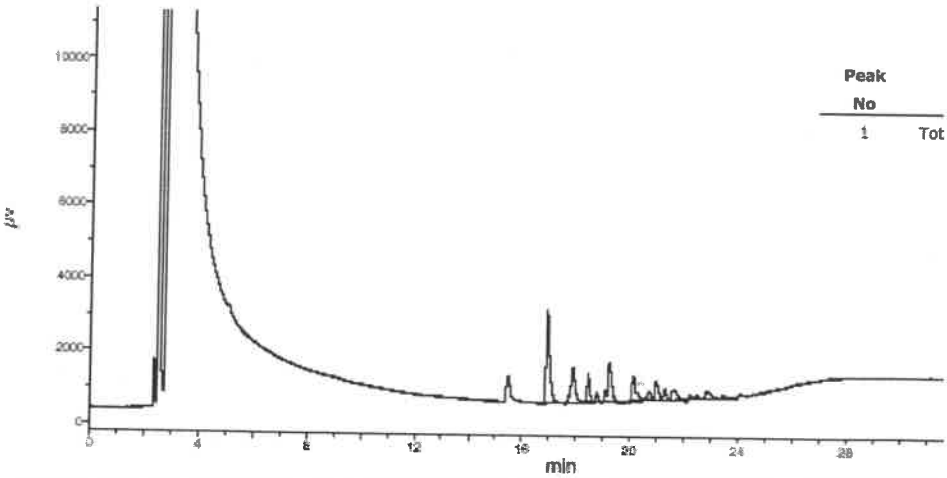
5E-05 Balance Uncertainty
0.057 Flask Uncertainty

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



RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

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.)

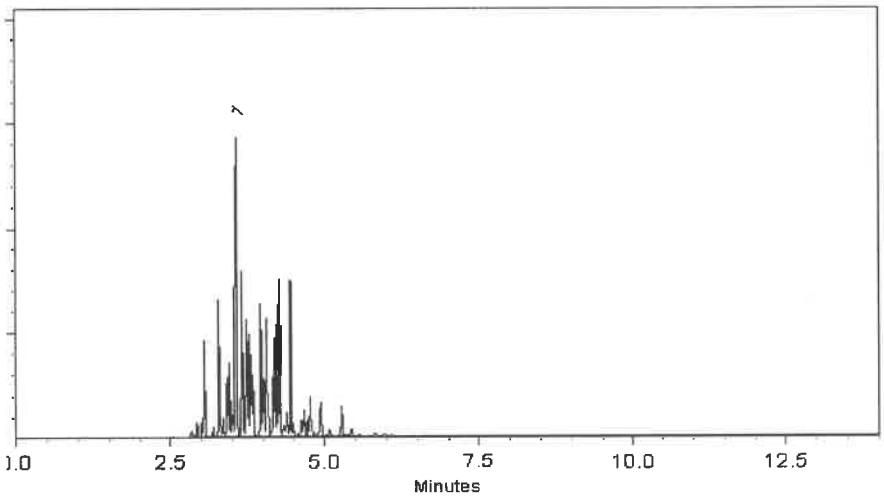
Inj. Temp:
250°C

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

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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P12933
↓
P12937
AJ
12/07/23

Catalog No. : 32010 **Lot No.:** A0202803

Description : Aroclor® 1248 Standard

Aroclor® 1248 Standard 1,000µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1248	12672-29-6	13897600	----%	1,001.7 µg/mL	+/- 55.5850

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

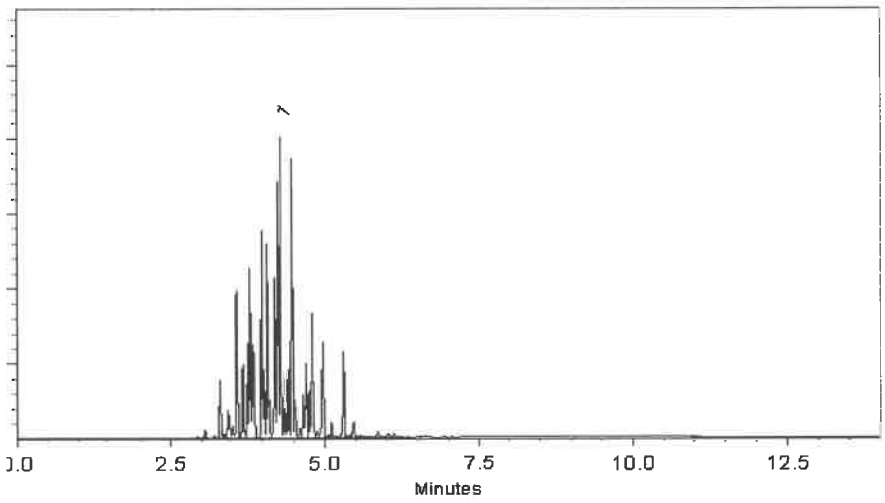
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I **Date Mixed:** 03-Oct-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 09-Oct-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	20064
Lot Number:	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

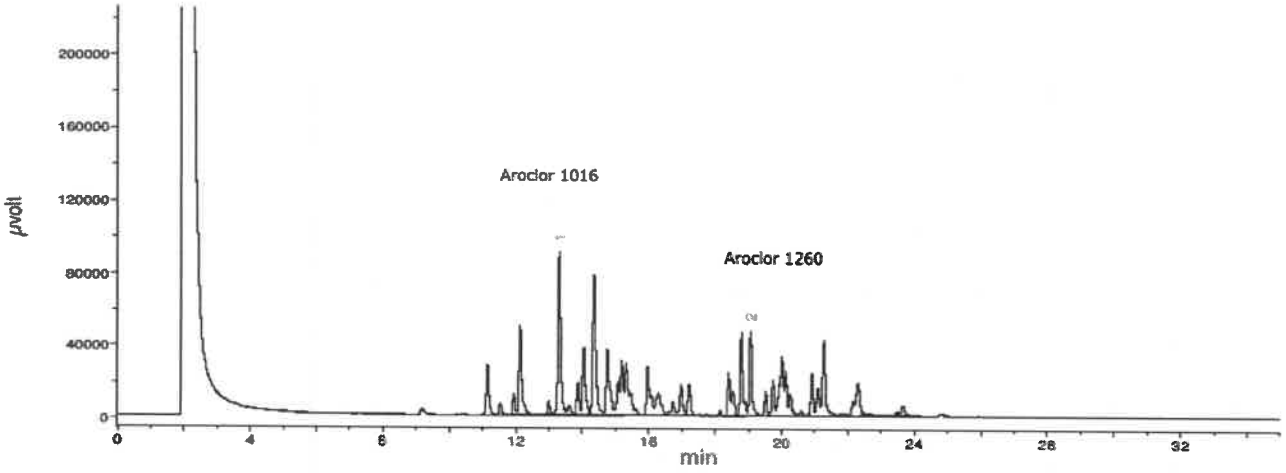
Formulated By: Benson Chan	022023 DATE
Reviewed By: Pedro L. Rentas	022023 DATE

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
Hydogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



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CERTIFIED WEIGHT REPORT

Part Number:	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

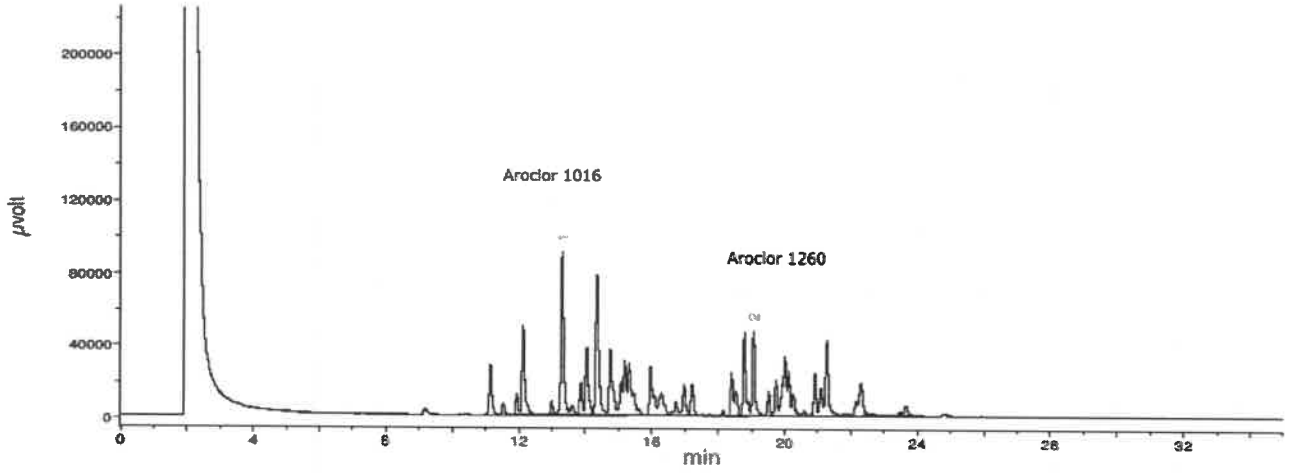
Formulated By: Benson Chan	022023 DATE
Reviewed By: Pedro L. Rentas	022023 DATE

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
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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AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT

Part Number:	99139	**Solvent(s):**	**Lot#**	
Lot Number:	121823	Iso-octane	82227	
Description:	Aroclor 1254			
Expiration Date:	121833			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	100			
NIST Test ID#:	6UTB	5E-05	Balance Uncertainty	
Volume(s) shown below were combined and diluted to (mL):		20.0	0.003	Flask Uncertainty

		121823
Formulated By:	Anthony Mahoney	DATE
		121823
Reviewed By:	Pedro L. Rentas	DATE

P12956 & P12957 Y-P 12/20/23

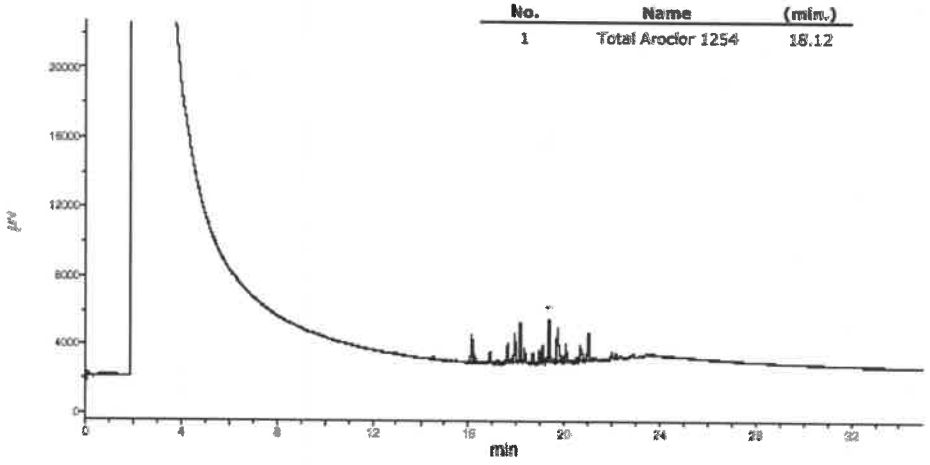
Note: Aroclor 1254 is a mix of isomers.

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(µg/mL)	Final Conc.(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1254	79100	121823	0.10	2.00	0.017	1003.3	100.1	1.8	11097-69-1	0.5mg/m3 (skin)	orl-rat 1295mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3

Peak No.	Name	FID RT (min.)
1	Total Aroclor 1254	18.12



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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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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.)

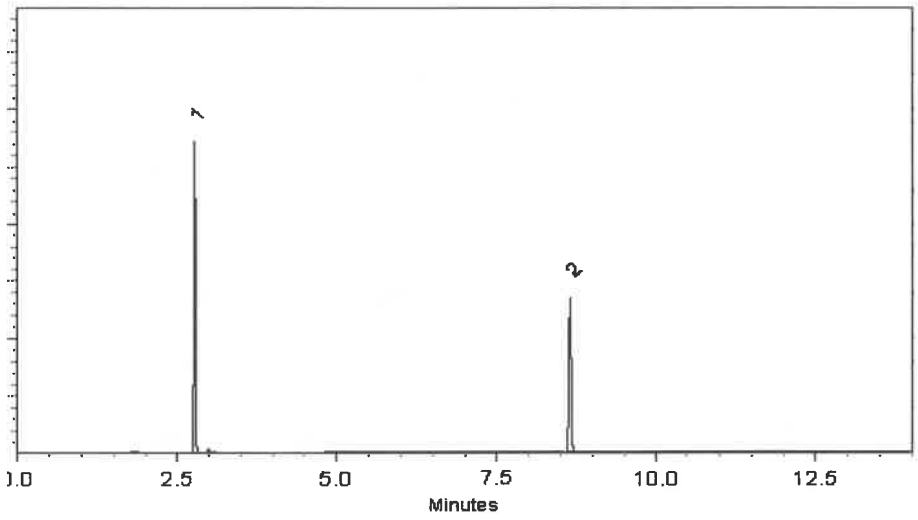
Inj. Temp:
250°C

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

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.)

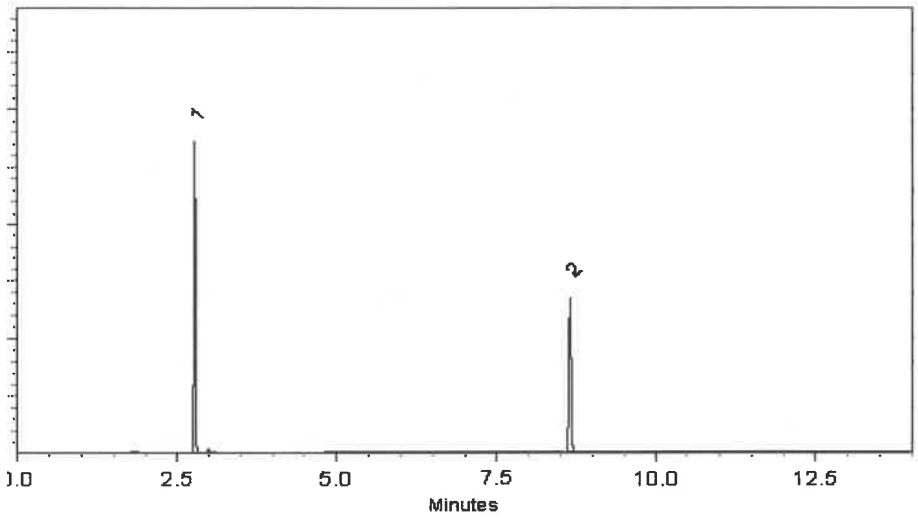
Inj. Temp:
250°C

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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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
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P133f3

AJ
05106124

CSD-QA-015.2

ISO 17025
Cert No. AT-1937

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Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

ANAB
ANSI National Accreditation Board
ACCREDITED
ISO 17034
REFERENCE MATERIAL PRODUCER

ISO 17034
Cert No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015 Quality Management System. Cert# 951215321

www.agilent.com/quality/
CSD-QA-015.2

ISO 17025
Cert No. AT-1937

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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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.

Catalog No. : 32410 **Lot No.:** A0207475

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, 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 1268	11100-14-4	10947000	----%	1,000.0 µg/mL	+/- 55.4925

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P 13386 (2)
P 13381 (1)

05/6/2024

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.)

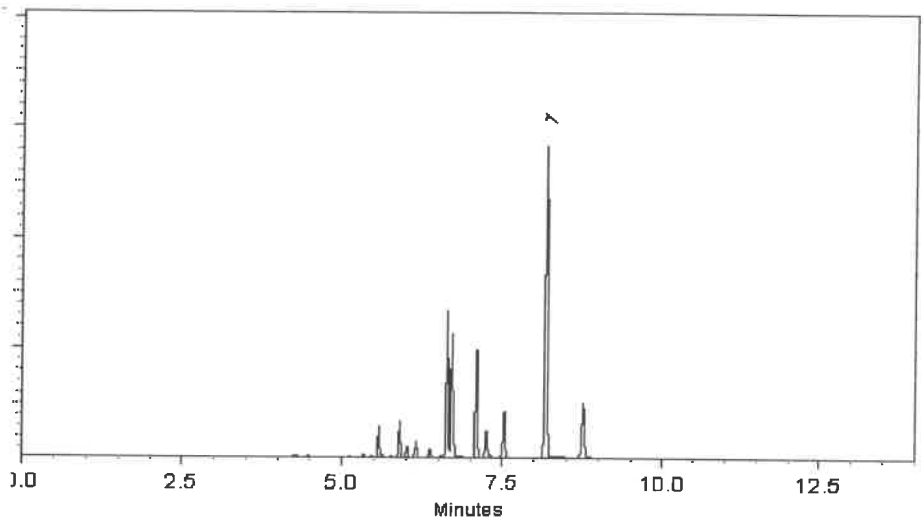
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
Split ratio 500:1

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.

Michael Maye - Operations Tech I **Date Mixed:** 06-Feb-2024 **Balance Serial #** B442140311

Dillan Murphy - Operations Technician I **Date Passed:** 09-Feb-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P13380 (2)
↓
P13381
1

05/6/2024

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

Component Name	CERTIFIED VALUES 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 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.

P13589
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P13590

AJ
10/14/24

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

Agilent
Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: Aroclor 1248 Standard
Product Number: PP-342-1
Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006726317
Lot Issue Date: 27-Jan-2023
Expiration Date: 28-Feb-2031

Component Name	Concentration		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 (RM) 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. Purity values are taken from approved vendor raw material certificates.

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 (RM) 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 (RM) 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 (RM) 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.

P13591
↓
P13592

AJ
10/14/2024

Agilent

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Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

ANAB
ANSI National Accreditation Board
ACCREDITED
REFERENCE MATERIAL PRODUCER

ISO 17034 Cert
No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015 Quality Management System. Cert# 951215321

www.agilent.com/quality/
CSD-QA-015.1

ISO 17025

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Certificate of Analysis

chromatographic plus

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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. : 32039 **Lot No.:** A0210629

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 : July 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

P13697 ↓ P13701 } Y.P. 10/19/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1016	12674-11-2	07	----%	1,005.3 µg/mL	+/- 55.7809
2	Aroclor 1260	11096-82-5	1320657	----%	1,000.0 µg/mL	+/- 55.4850

* 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.)

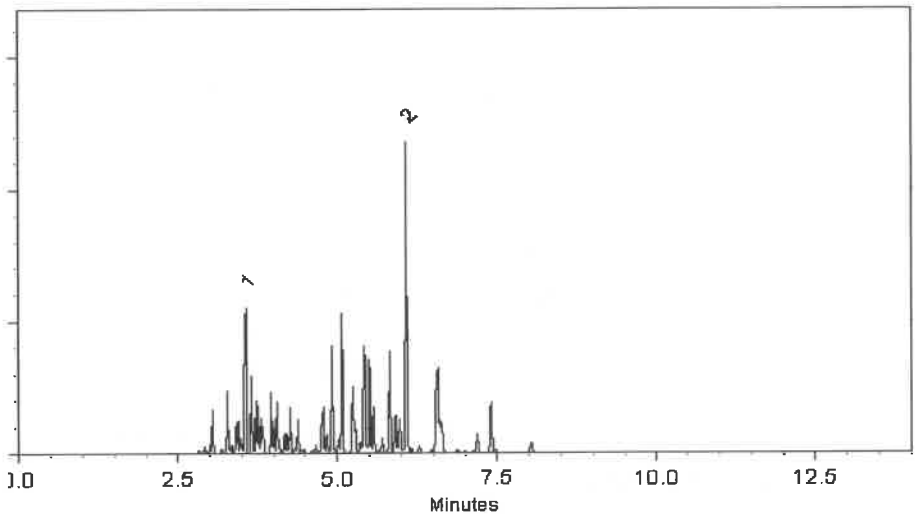
Inj. Temp:
250°C

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: 22-Apr-2024 **Balance Serial #** B442140311

Dillan Murphy - Operations Technician I

Date Passed: 24-Apr-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32007 **Lot No.:** A0215270

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, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

P13702 & P13703 } Y.P. 10/17/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1221	11104-28-2	14969200	----%	1,005.0 µg/mL	+/- 55.7700

* 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.)

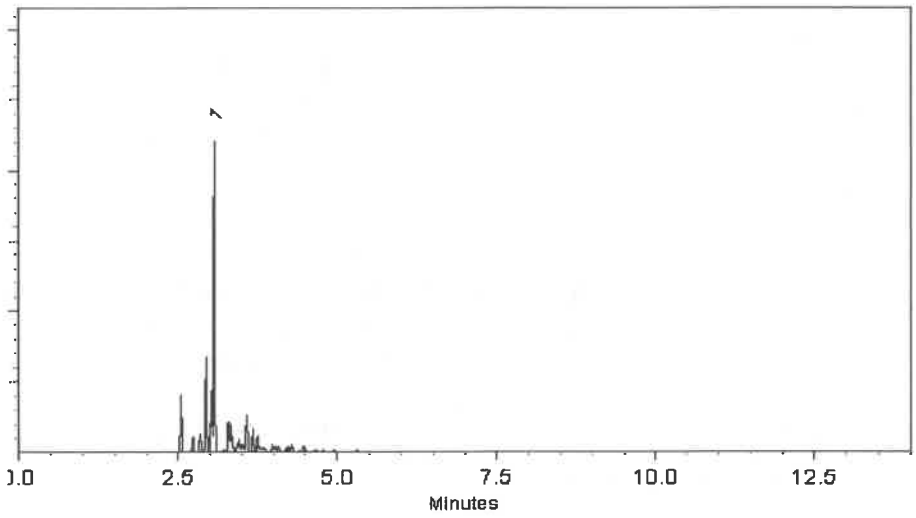
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
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.

Michael Maye - Operations Tech I

Date Mixed: 16-Aug-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 20-Aug-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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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. : 32011 **Lot No.:** A0217391

Description : Aroclor® 1254 Standard

Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2031 **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 1254	11097-69-1	124-191-B	----%	1,004.7 µg/mL	+/- 55.7515

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P13830 ↓ P13832 AJ 12/09/24

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.)

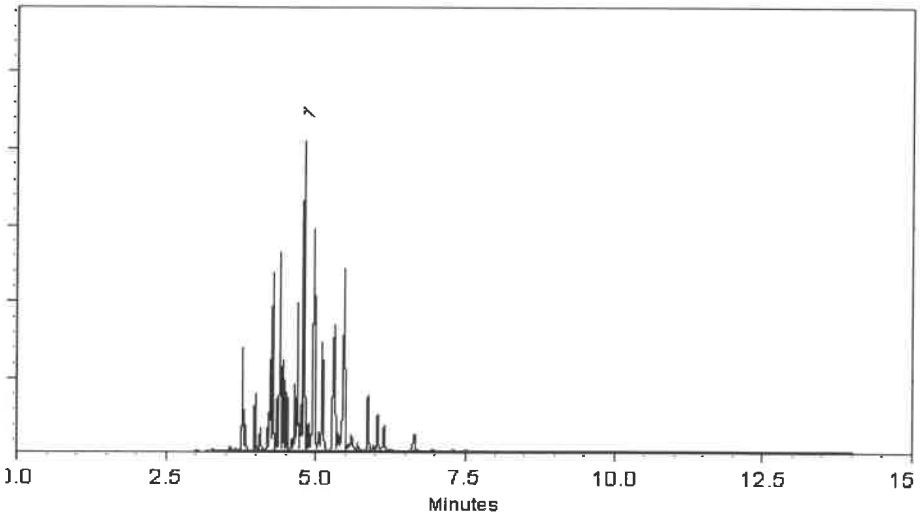
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
300 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.

Michael Maye - Operations Tech I

Date Mixed: 02-Oct-2024 **Balance Serial #** C322230531

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 07-Oct-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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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. : 32008 **Lot No.:** A0219655

Description : Aroclor® 1232 Standard

Aroclor® 1232 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2031 **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 1232	11141-16-5	15665-01	----%	1,007.0 µg/mL	+/- 55.8810

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P13878
↓
P13880

AJ
01/28/25

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

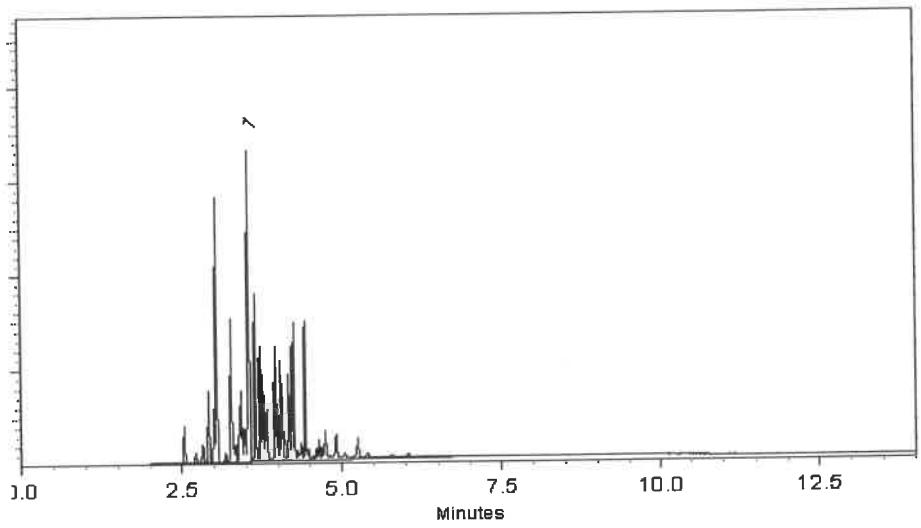
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Michael Maye - Operations Tech I

Date Mixed: 02-Dec-2024 **Balance Serial #** C322230531

Brittany Federinko - Operations Tech I

Date Passed: 05-Dec-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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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. : 32409 **Lot No.:** A0220950

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, 2031 **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 1262	37324-23-5	10849100	----%	1,002.0 µg/mL	+/- 55.6035

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P13852
↓
P13853

AJ
01/28/25

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.)

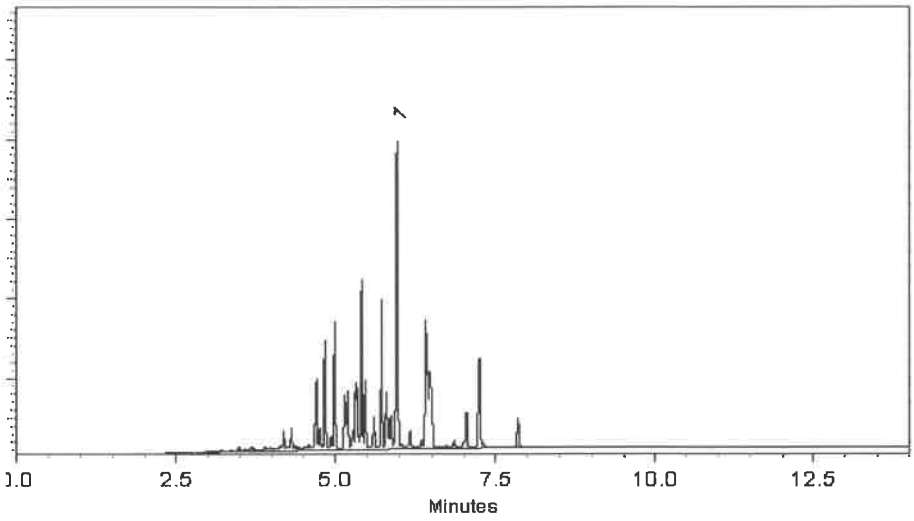
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
300 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.

Tom Suckar - Mix Technician

Date Mixed: 09-Jan-2025 **Balance Serial #** C322230531

Brittany Federinko - Operations Tech I

Date Passed: 14-Jan-2025

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

n-Hexane 95%
ULTRA RESI-ANALYZED
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W3147

W3147 update. 02/03/2025 JP

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

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

SHIPPING DOCUMENTS

Chemtech

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Fax: (908) 789-8922
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East Longmeadow, MA 01028

Doc # 381 Rev 4_01/08/2020

Q1883

Page 1 of 1

Company Name:	Nobis Group
Address:	55 Technology Dr Suite 101, Lowell, MA 01851
Phone:	978-703-6014
Project Name:	Raymark
Project Location:	Stratford, CT
Project Number:	95700
Project Manager:	Adam Roy
Con-Test Quote Name/Number:	
Invoice Recipient:	
Sampled By:	S. Stone

Requested Turnaround Time
5-Day ☐ 10-Day ☑
PFAS 10-Day (std) ☐ Due Date:

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other: Equis edd
CLP Like Data Pkg Required: ☐ No
Email To: aroy@nobis-group.com
Fax To #:

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

PCB ONLY
SOXHLET ☑
NON SOXHLET ☐

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	[1]Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	M/O	RCP VOCs	% Solids	PAHs	Herbicides	Pesticides	PCBs	Metals ICP + Hg - 6010	Cyanide	SPLP RCP Metals - 6020
	OU4-PCS-TC-27-042325	4/23/25	12:45	C	SO		3	2	1				X	X	X	X	X	X	X	X	X
	OU4-PCS-TC-28-042326	4/23/25	12:50	C	SO		3	2	1				X	X	X	X	X	X	X	X	X
	OU4-PCS-TC-29-042327	4/23/25	13:00	C	SO		3	2	1				X	X	X	X	X	X	X	X	X
	OU4-PCS-TC-30-042328	4/23/25	13:15	C	SO		3	2	1				X	X	X	X	X	X	X	X	X
	OU4-PCS-TC-31-042329	4/23/25	13:20	C	SO		3	2	1				X	X	X	X	X	X	X	X	X
	OU4-PCS-TC-32-042330	4/23/25	13:30	C	SO		3	2	1				X	X	X	X	X	X	X	X	X
	OU4-VSL-18-042325	4/23/25	11:20	C	SO		3	2	1				X	X	X	X	X	X	X	X	X
	OU4-VSL-19-042326	4/23/25	11:50	C	SO		3	2	1				X	X	X	X	X	X	X	X	X
	SO-TB-01-042325	4/23/25	800		SO		3						X								

[2] Preservation Code
Total Number Of:
VIALS_____
GLASS_____
PLASTIC_____
BACTERIA_____
ENCORE_____

Glassware in the fridge? Y / N
Glassware in freezer? Y / N
Prepackaged Cooler? Y / N

*Contest is not responsible for missing samples from prepacked coolers

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

Relinquished by: (signature)	Date/Time:	4/24/25 1310
Received by: (signature)	Date/Time:	4/25/25 0930
Relinquished by: (signature)	Date/Time:	
Received by: (signature)	Date/Time:	
Relinquished by: (signature)	Date/Time:	
Received by: (signature)	Date/Time:	
Relinquished by: (signature)	Date/Time:	
Received by: (signature)	Date/Time:	

Client Comments: Other preservative is DI water. DI preserved VOCs were frozen on 4/24/25 @ 0600. Freeze upon receiving.

Detection Limit Requirements
MA
CT
Other:

Special Requirements
☐ MA MCP Required
MCP Certification Form Required
☑ CT RCP Required
RCP Certification Form Required
☐ MA State DW Required
PWSID #

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and AIHA-LAP, LLC Accredited

Project Entity
Government ☐ Municipality ☐ MWRA ☐ WRTA ☐
Federal ☐ 21 J ☐ School ☐
City ☐ Brownfield ☐ MBTA ☐

Other
☐ Chromatogram
☐ *AIHA-LAP,LLC*

Lab Comments: 3.6°C Adjust Factor +1 IR Run #1

Disclaimer: Con-Test Labs is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine what analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Con-Test values your partnership on each project and will try to assist with missing information, but will not be held accountable.

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

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

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1883 NOBI03
Client Name : Nobis Group
Client Contact : Adam Roy
Invoice Name : Nobis Group
Invoice Contact : Adam Roy

Order Date : 4/25/2025 10:10:00 AM
Project Name : Raymark Superfund Site
Receive DateTime : 4/25/2025 9:30:00 AM
Purchase Order :

Project Mgr :
Report Type : Level 4
EDD Type : EQUIS
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1883-01	OU4-PCS-TC-27-042325	Solid	04/23/2025	12:45					
					VOCMS Group3		8260D		10 Bus. Days
Q1883-03	OU4-PCS-TC-28-042325	Solid	04/23/2025	12:50					
					VOCMS Group3		8260D		10 Bus. Days
Q1883-05	OU4-PCS-TC-29-042325	Solid	04/23/2025	13:00					
					VOCMS Group3		8260D		10 Bus. Days
Q1883-07	OU4-PCS-TC-30-042325	Solid	04/23/2025	13:15					
					VOCMS Group3		8260D		10 Bus. Days
Q1883-09	OU4-PCS-TC-31-042325	Solid	04/23/2025	13:20					
					VOCMS Group3		8260D		10 Bus. Days
Q1883-11	OU4-PCS-TC-32-042325	Solid	04/23/2025	13:30					
					VOCMS Group3		8260D		10 Bus. Days
Q1883-13	OU4-PCS-18-042325 VSL	Solid	04/23/2025	11:20					
					VOCMS Group3		8260D		10 Bus. Days
Q1883-15	OU4-PCS-19-042325 VSL	Solid	04/23/2025	11:50					

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1883 NOBI03
Client Name : Nobis Group
Client Contact : Adam Roy
Invoice Name : Nobis Group
Invoice Contact : Adam Roy

Order Date : 4/25/2025 10:10:00 AM
Project Name : Raymark Superfund Site
Receive DateTime : 4/25/2025 9:30:00 AM
Purchase Order :

Project Mgr :
Report Type : Level 4
EDD Type : EQUIS
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
					VOCMS Group3		8260D	10 Bus. Days	
Q1883-17	SO-TB-01-042325	Solid	04/23/2025	08:00					
					VOCMS Group3		8260D	10 Bus. Days	

Relinquished By : JW
Date / Time : 4/25/25 1120

Received By : Sam
Date / Time : 04/25/25 11:20
Storage Area : VOA Refridgerator Room

02 & 46
F22

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071393.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 11:34
Operator : YP\AJ
Sample : AR1660ICC50
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 11:47:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 11:46:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.515	3.812	8969831	7104871	4.524	5.044
2)	SA Decachlor...	10.235	8.850	6503503	4207302	4.491	4.797
	Target Compounds						
3)	L1 AR-1016-1	5.669	4.898	3083717	3007251	45.991	56.175
4)	L1 AR-1016-2	5.691	4.916	4780792	4212537	46.584	55.164
5)	L1 AR-1016-3	5.753	5.094	2802822	2158254	45.466	51.131
6)	L1 AR-1016-4	5.851	5.135	2247335	1759505	43.809	51.021
7)	L1 AR-1016-5	6.144	5.349	2125784	2429782	44.068	54.667
31)	L7 AR-1260-1	7.262	6.384	4795547	4103726	49.941	56.760
32)	L7 AR-1260-2	7.516	6.573	6922549	5050265	48.383	57.743
33)	L7 AR-1260-3	7.876	6.726	6792960	4394430	60.591	56.060
34)	L7 AR-1260-4	8.099	7.197	13410675	3401257	118.996	53.894 #
35)	L7 AR-1260-5	8.419	7.439	14700143	7878032	64.779	52.249

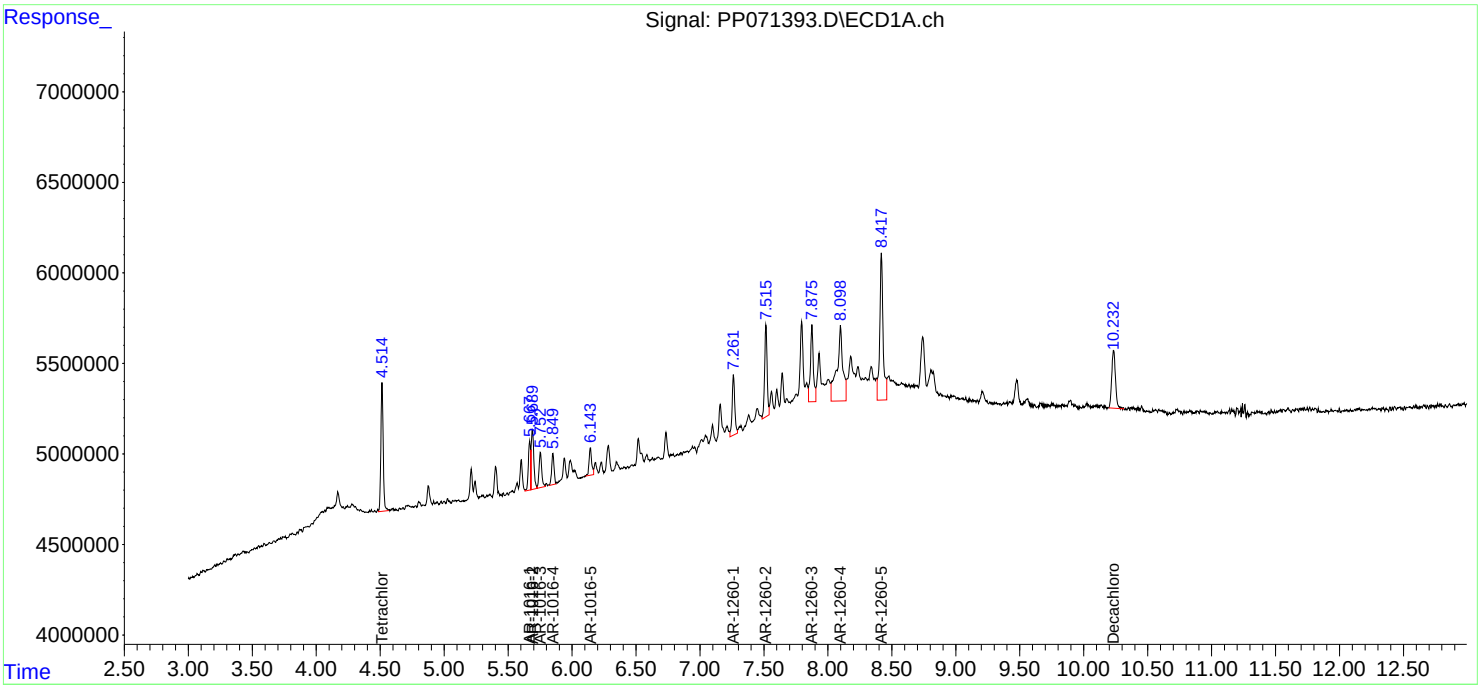
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

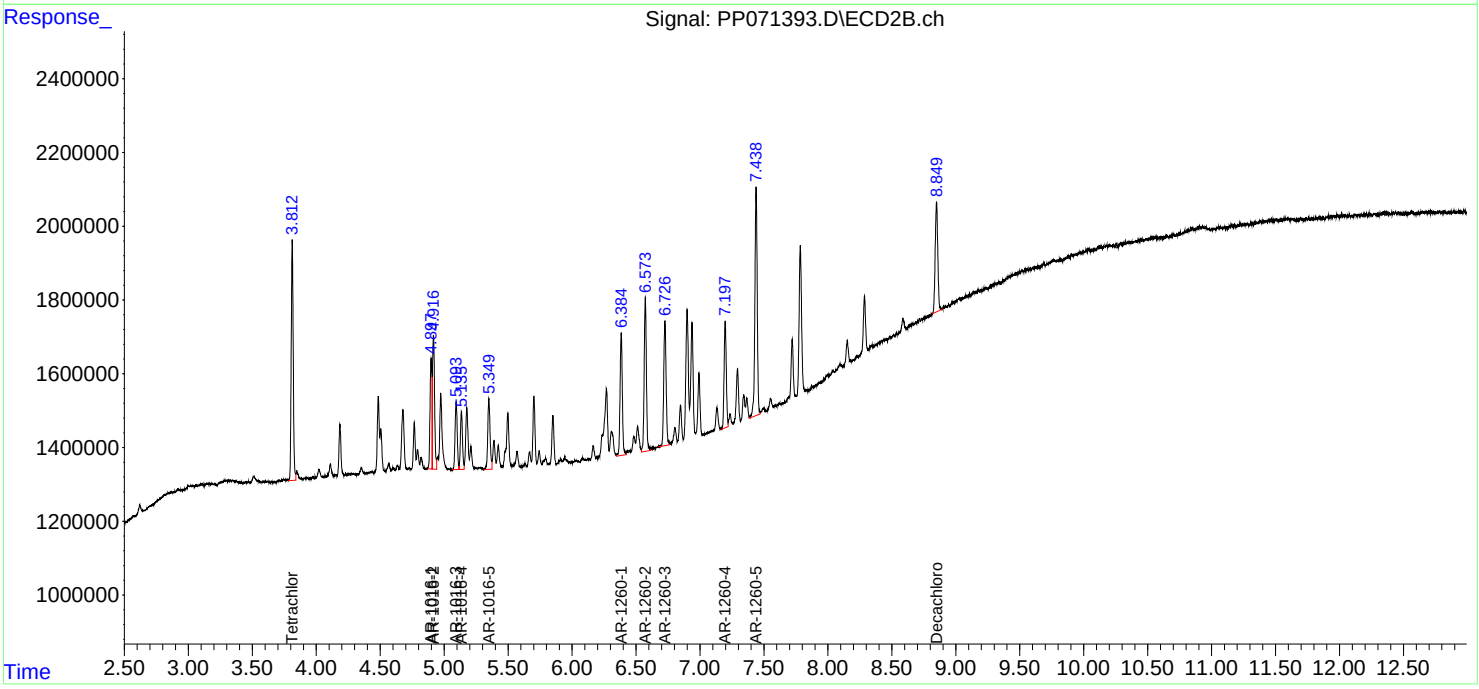
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071393.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 11:34
Operator : YP\AJ
Sample : AR1660ICC50
Misc :
ALS Vial : 7 Sample Multiplier: 1

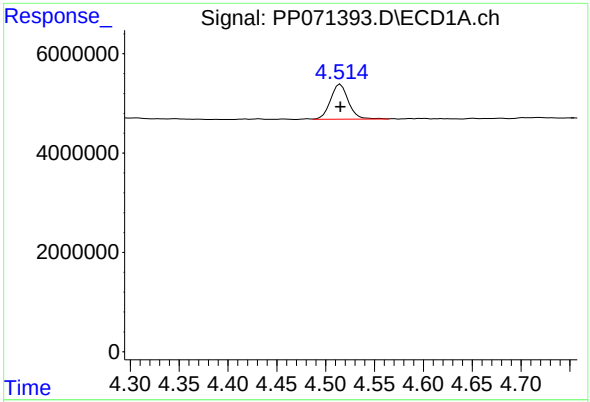
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 11:47:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 11:46:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



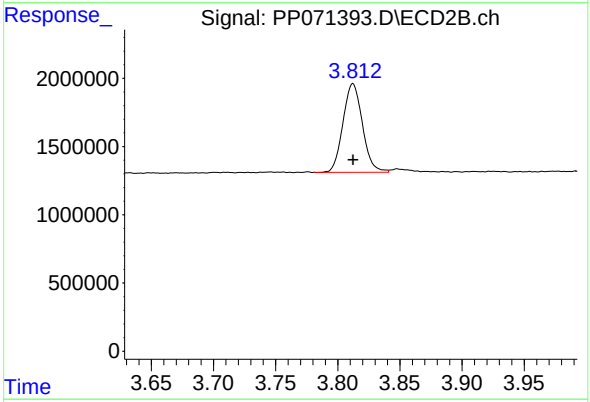




#1 Tetrachloro-m-xylene

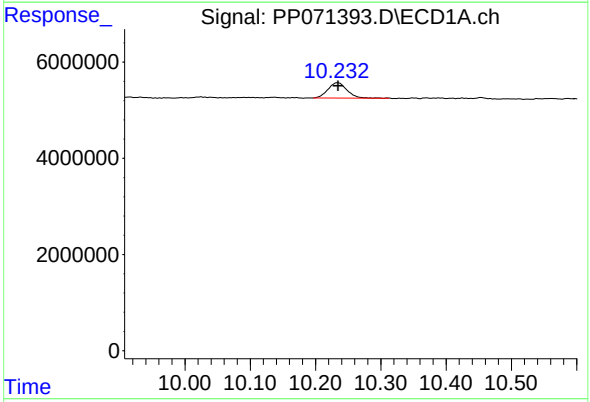
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 8969831
Conc: 4.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



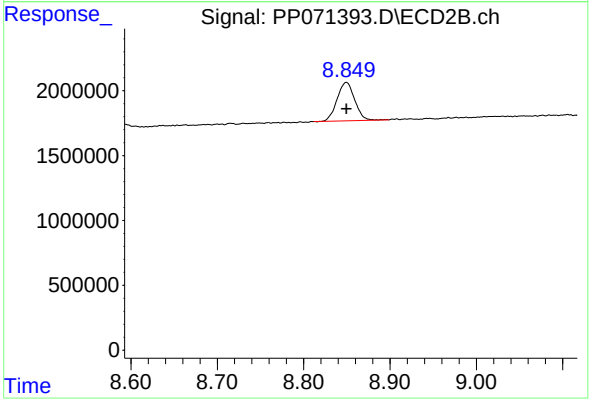
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 7104871
Conc: 5.04 ng/ml



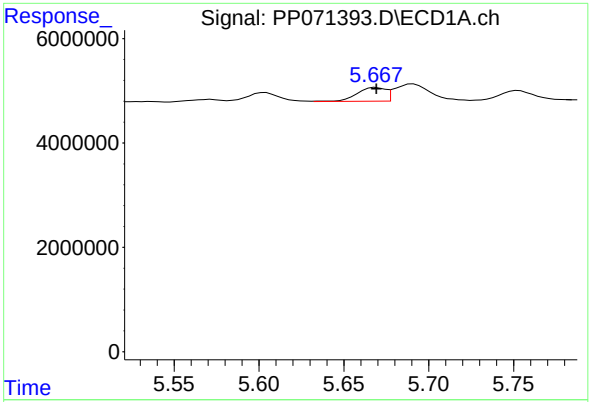
#2 Decachlorobiphenyl

R.T.: 10.235 min
Delta R.T.: 0.000 min
Response: 6503503
Conc: 4.49 ng/ml



#2 Decachlorobiphenyl

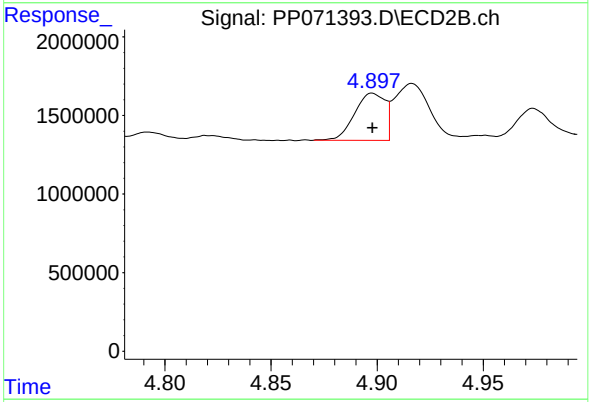
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 4207302
Conc: 4.80 ng/ml



#3 AR-1016-1

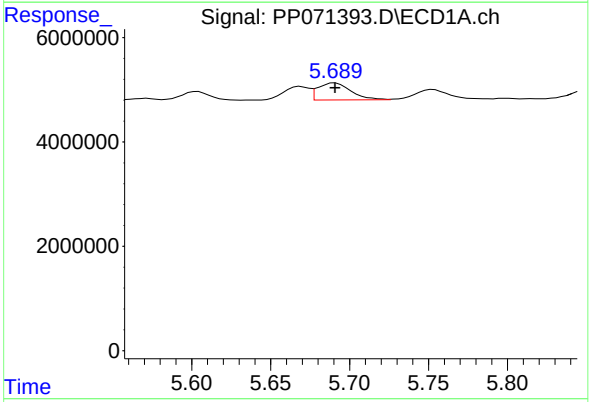
R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 3083717
Conc: 45.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



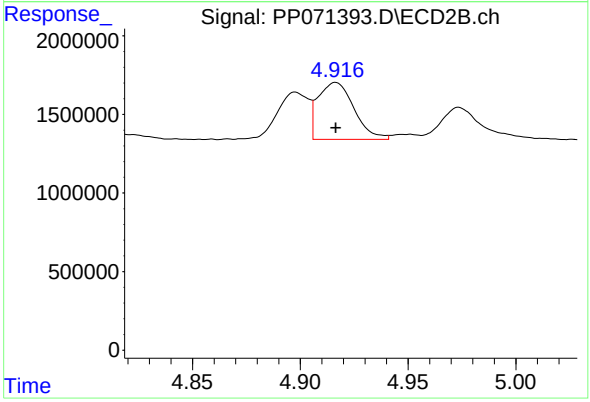
#3 AR-1016-1

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 3007251
Conc: 56.18 ng/ml



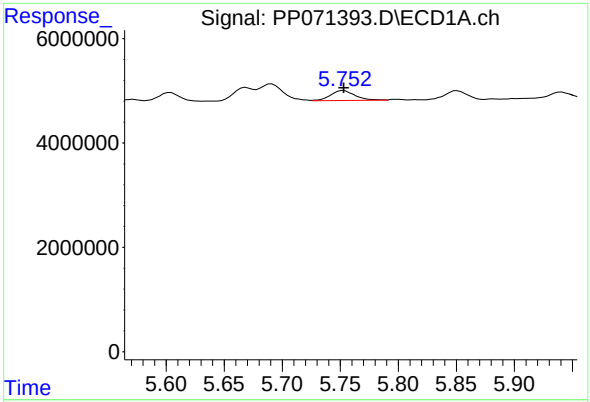
#4 AR-1016-2

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 4780792
Conc: 46.58 ng/ml



#4 AR-1016-2

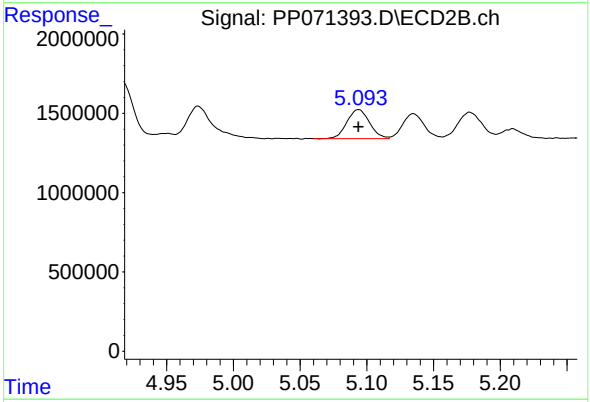
R.T.: 4.916 min
Delta R.T.: 0.000 min
Response: 4212537
Conc: 55.16 ng/ml



#5 AR-1016-3

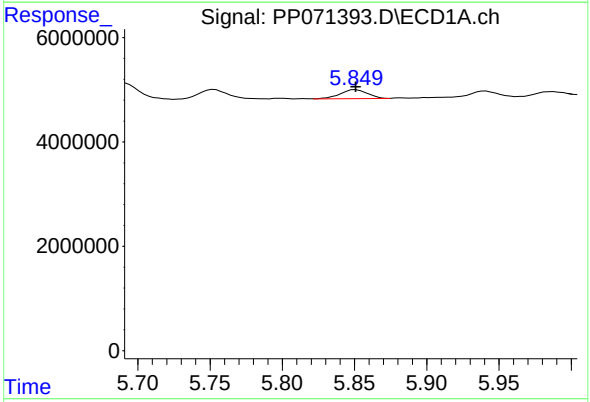
R.T.: 5.753 min
Delta R.T.: 0.000 min
Response: 2802822
Conc: 45.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



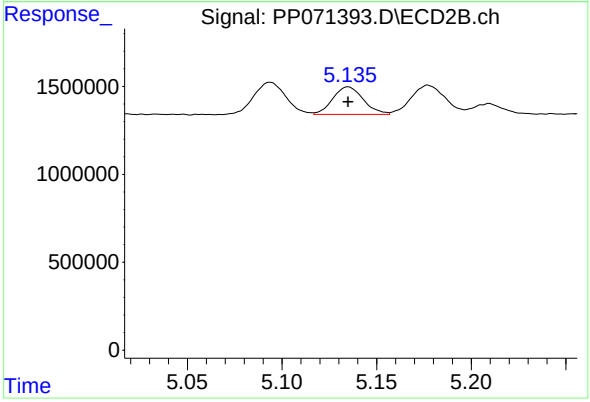
#5 AR-1016-3

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 2158254
Conc: 51.13 ng/ml



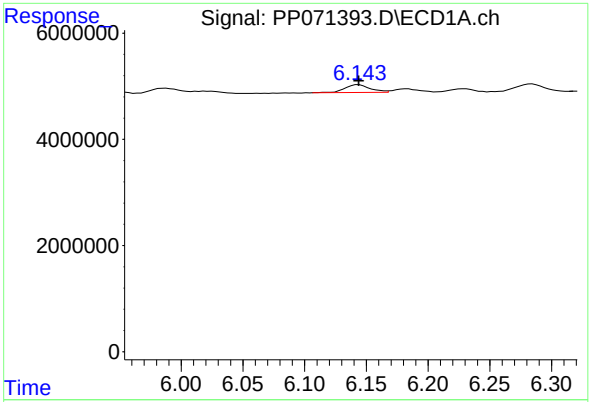
#6 AR-1016-4

R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 2247335
Conc: 43.81 ng/ml



#6 AR-1016-4

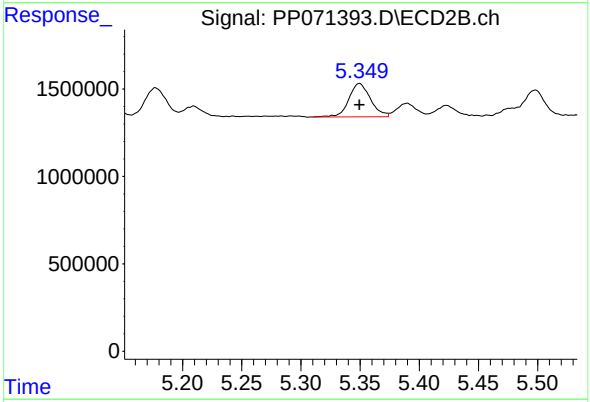
R.T.: 5.135 min
Delta R.T.: 0.000 min
Response: 1759505
Conc: 51.02 ng/ml



#7 AR-1016-5

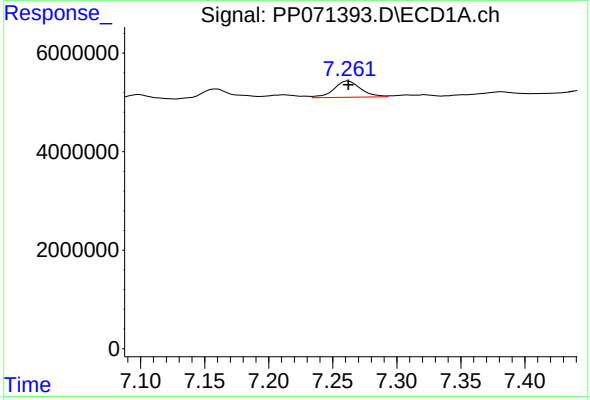
R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 2125784
Conc: 44.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



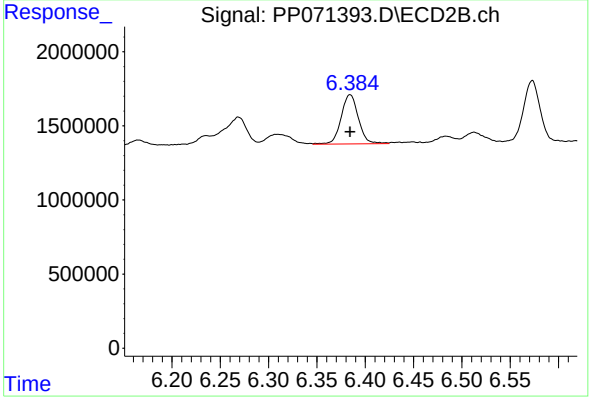
#7 AR-1016-5

R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 2429782
Conc: 54.67 ng/ml



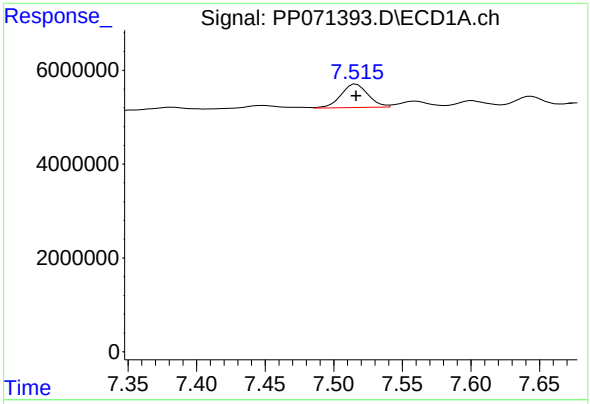
#31 AR-1260-1

R.T.: 7.262 min
Delta R.T.: 0.000 min
Response: 4795547
Conc: 49.94 ng/ml



#31 AR-1260-1

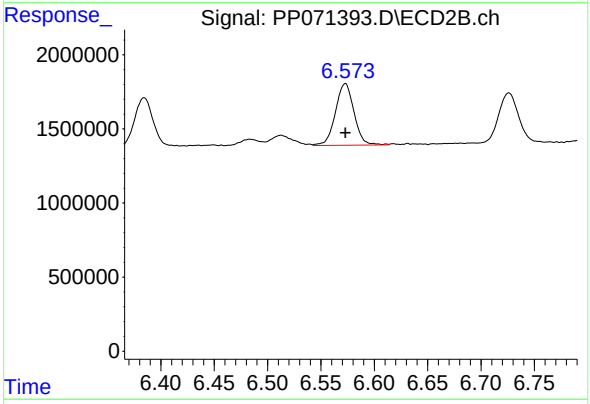
R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 4103726
Conc: 56.76 ng/ml



#32 AR-1260-2

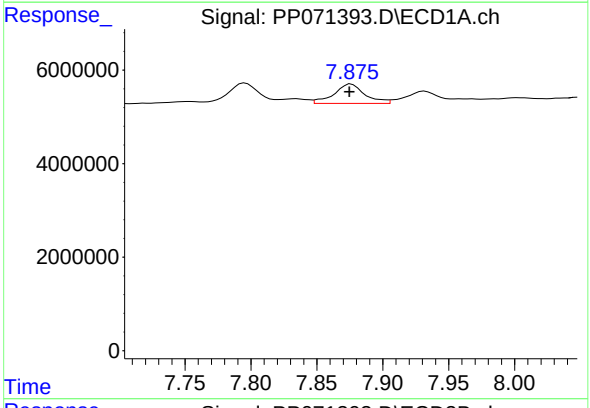
R.T.: 7.516 min
Delta R.T.: 0.000 min
Response: 6922549
Conc: 48.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



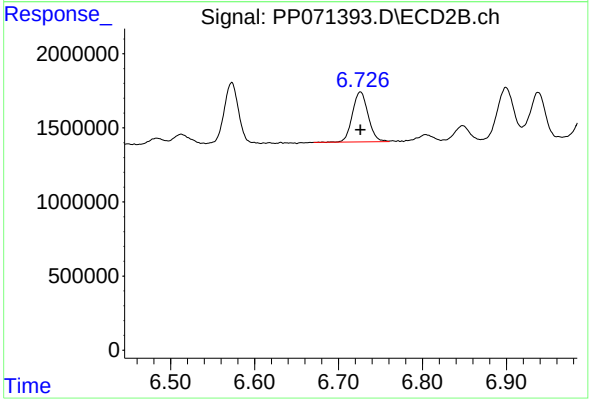
#32 AR-1260-2

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 5050265
Conc: 57.74 ng/ml



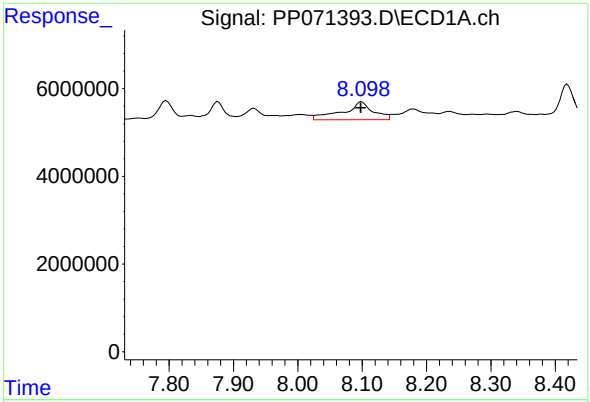
#33 AR-1260-3

R.T.: 7.876 min
Delta R.T.: 0.002 min
Response: 6792960
Conc: 60.59 ng/ml



#33 AR-1260-3

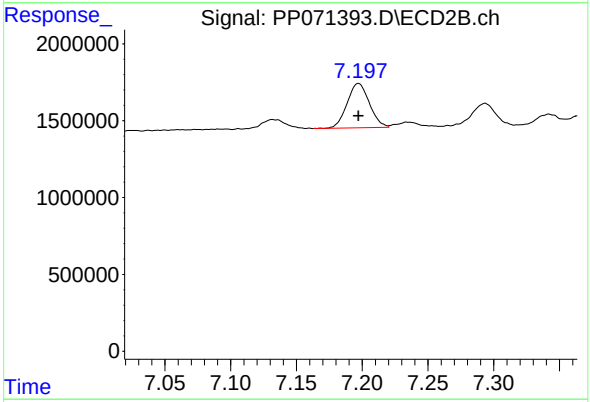
R.T.: 6.726 min
Delta R.T.: 0.000 min
Response: 4394430
Conc: 56.06 ng/ml



#34 AR-1260-4

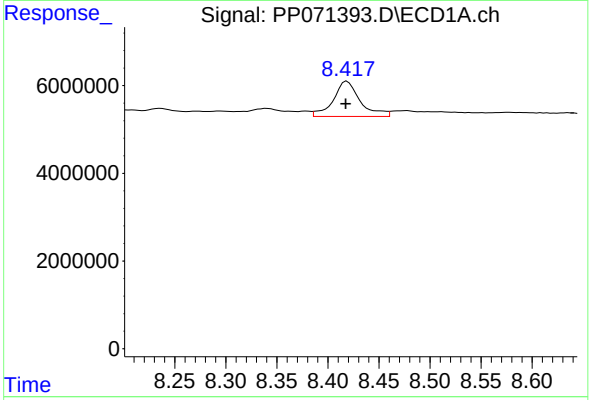
R.T.: 8.099 min
Delta R.T.: 0.001 min
Response: 13410675
Conc: 119.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



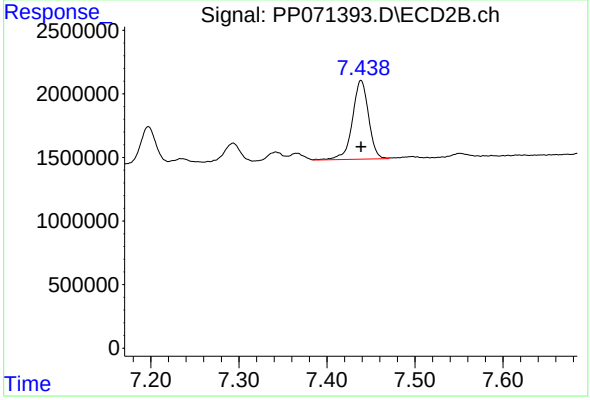
#34 AR-1260-4

R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 3401257
Conc: 53.89 ng/ml



#35 AR-1260-5

R.T.: 8.419 min
Delta R.T.: 0.001 min
Response: 14700143
Conc: 64.78 ng/ml



#35 AR-1260-5

R.T.: 7.439 min
Delta R.T.: 0.000 min
Response: 7878032
Conc: 52.25 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071407.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 15:22
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 15:54:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 15:48:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.515	3.812	145.3E6	112.6E6	74.658	77.773
2)	SA Decachlor...	10.236	8.850	110.2E6	65650190	75.033	74.666
	Target Compounds						
26)	L6 AR-1254-1	6.519	5.703	60934961	65520948	744.931	759.494
27)	L6 AR-1254-2	6.735	5.851	94362074	56602387	745.775	762.037
28)	L6 AR-1254-3	7.098	6.255	95849879	85577532	748.410	746.476
29)	L6 AR-1254-4	7.381	6.483	87194278	55551540	746.295	750.532
30)	L6 AR-1254-5	7.798	6.901	93544444	72082199	848.992	737.969

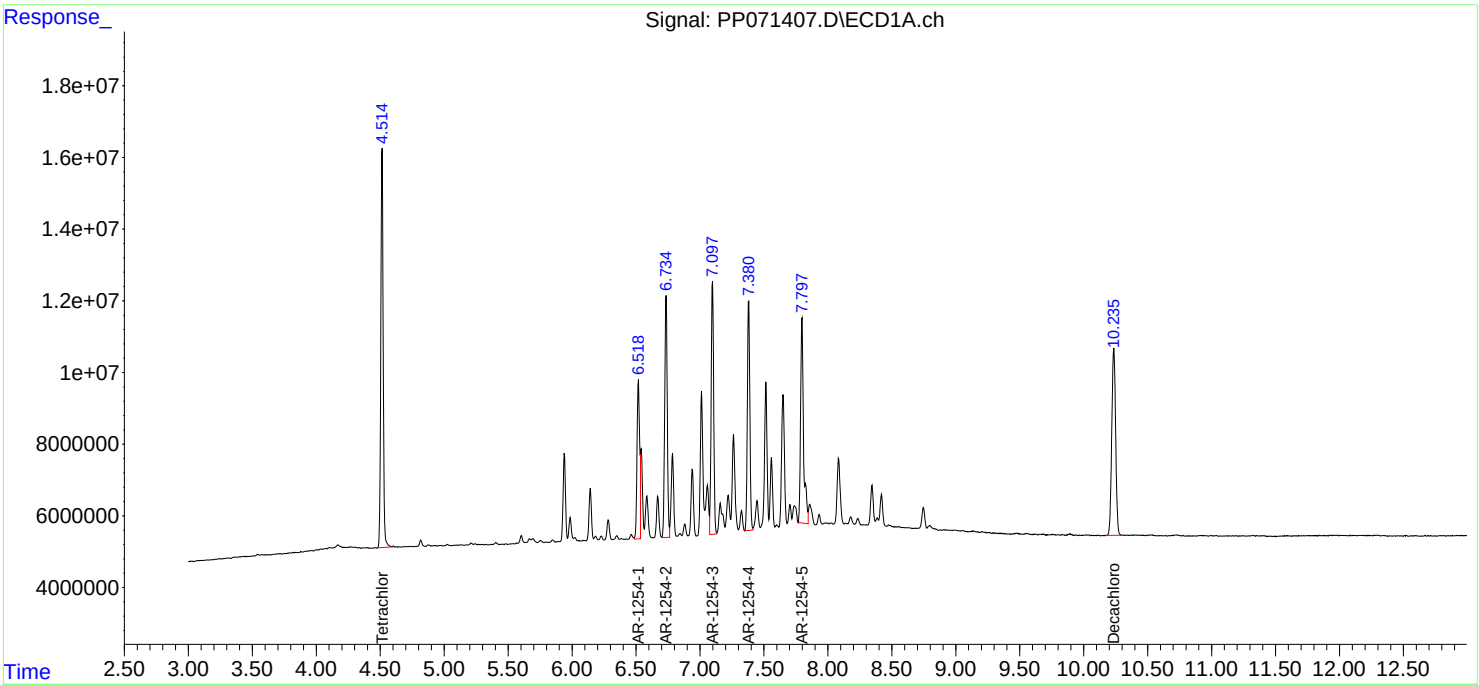
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

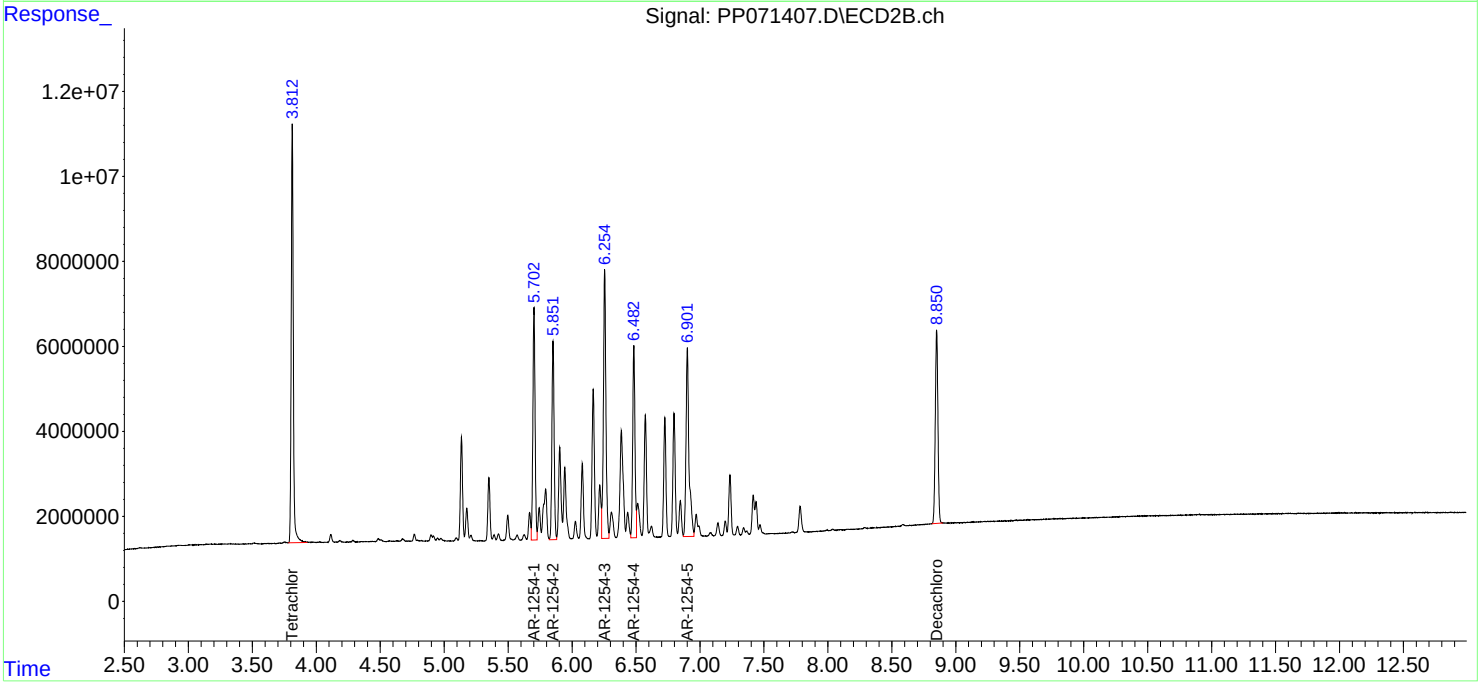
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071407.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 15:22
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

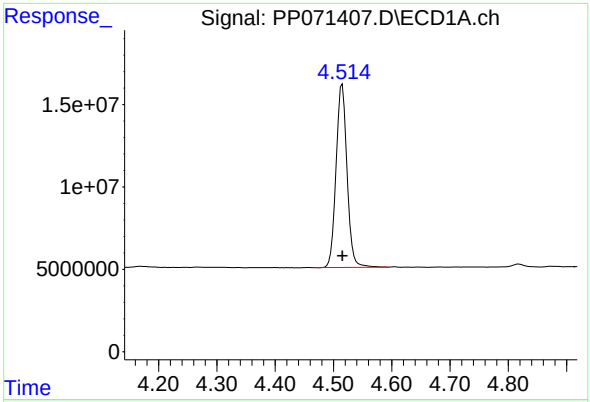
Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 15:54:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 15:48:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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



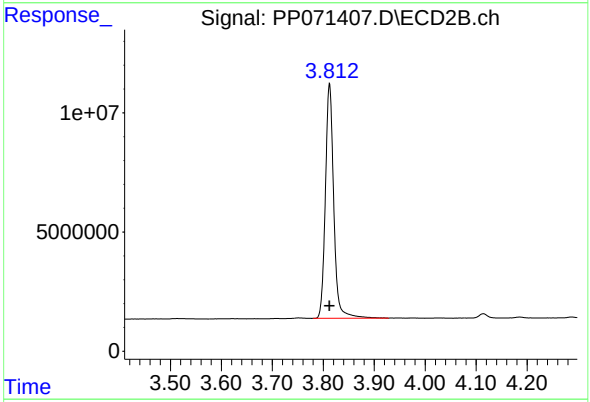




#1 Tetrachloro-m-xylene

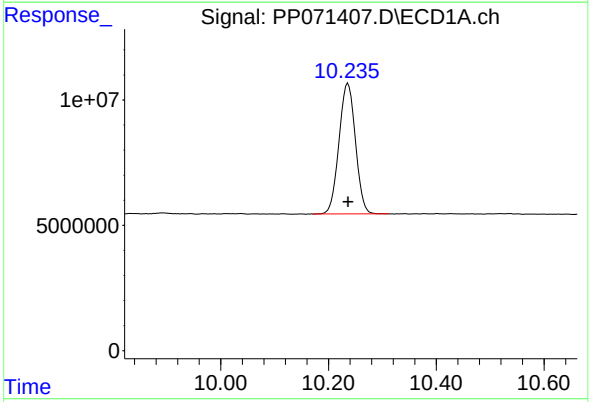
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 145274275
Conc: 74.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



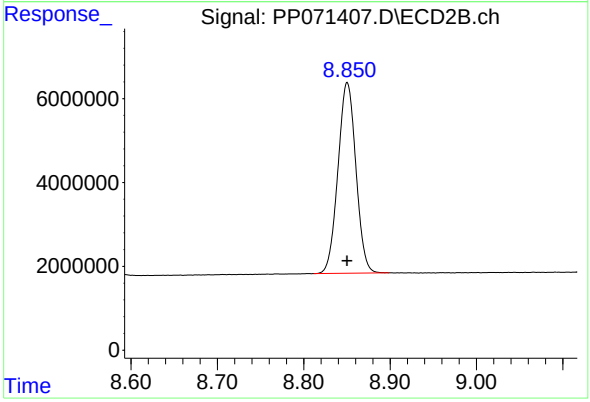
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 112576042
Conc: 77.77 ng/ml



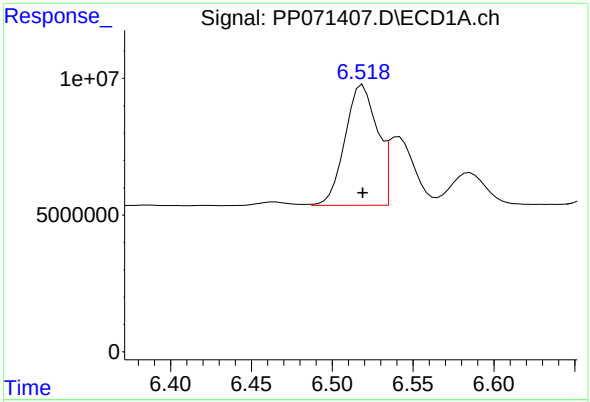
#2 Decachlorobiphenyl

R.T.: 10.236 min
Delta R.T.: 0.000 min
Response: 110190189
Conc: 75.03 ng/ml



#2 Decachlorobiphenyl

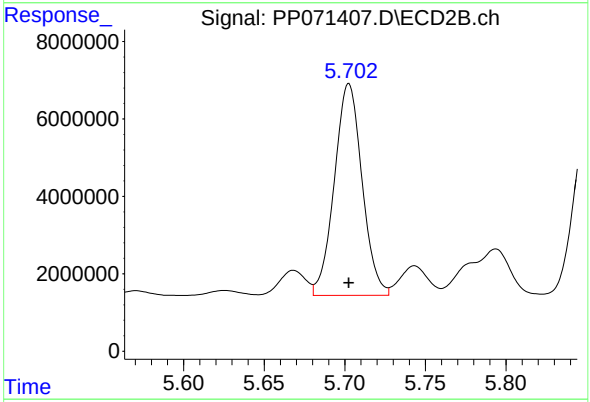
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 65650190
Conc: 74.67 ng/ml



#26 AR-1254-1

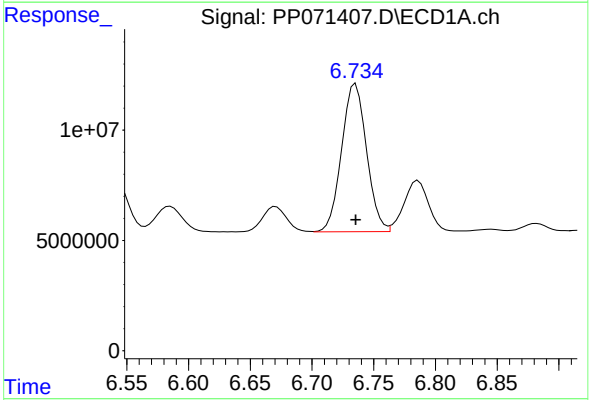
R.T.: 6.519 min
Delta R.T.: 0.000 min
Response: 60934961
Conc: 744.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



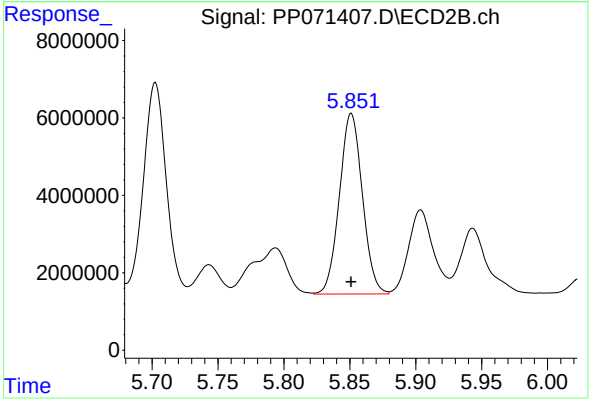
#26 AR-1254-1

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 65520948
Conc: 759.49 ng/ml



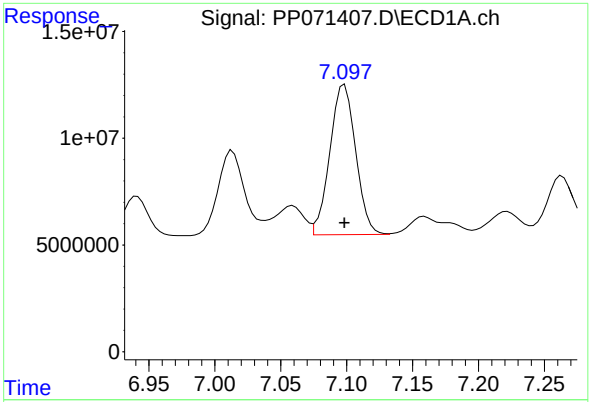
#27 AR-1254-2

R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 94362074
Conc: 745.77 ng/ml



#27 AR-1254-2

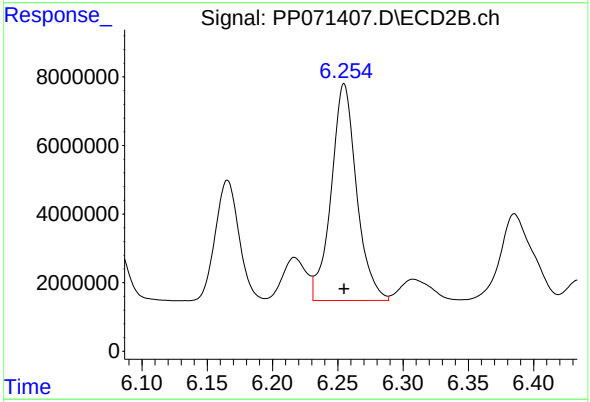
R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 56602387
Conc: 762.04 ng/ml



#28 AR-1254-3

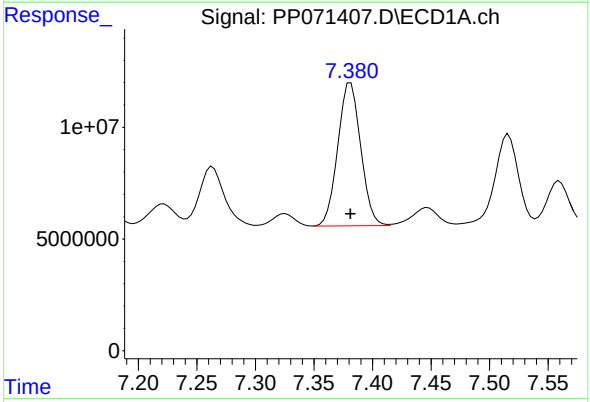
R.T.: 7.098 min
Delta R.T.: 0.000 min
Response: 95849879
Conc: 748.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



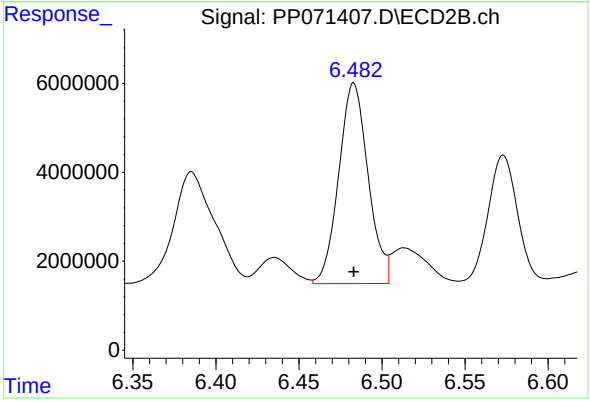
#28 AR-1254-3

R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 85577532
Conc: 746.48 ng/ml



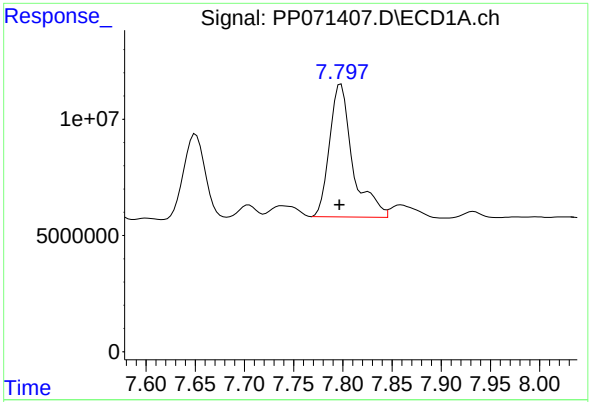
#29 AR-1254-4

R.T.: 7.381 min
Delta R.T.: 0.000 min
Response: 87194278
Conc: 746.30 ng/ml



#29 AR-1254-4

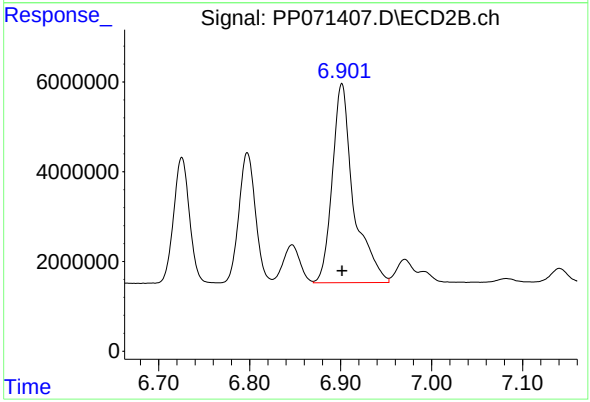
R.T.: 6.483 min
Delta R.T.: 0.000 min
Response: 55551540
Conc: 750.53 ng/ml



#30 AR-1254-5

R.T.: 7.798 min
Delta R.T.: 0.001 min
Response: 93544444
Conc: 848.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



#30 AR-1254-5

R.T.: 6.901 min
Delta R.T.: 0.000 min
Response: 72082199
Conc: 737.97 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071410.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 16:11
Operator : YP\AJ
Sample : AR1254ICC50
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 16:54:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 16:54:36 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.515	3.813	8545760	7342515	4.437	5.009
2)	SA Decachlor...	10.236	8.850	6643627	4341119	4.560	4.865
	Target Compounds						
26)	L6 AR-1254-1	6.520	5.703	3787970	5045448	46.222	55.202
27)	L6 AR-1254-2	6.735	5.852	5933913	4378664	46.696	55.629
28)	L6 AR-1254-3	7.099	6.255	5851823	6211772	45.798	52.416
29)	L6 AR-1254-4	7.382	6.484	5633281	4095094	47.937	53.069
30)	L6 AR-1254-5	7.798	6.901	4819584	5346230	44.737	52.689

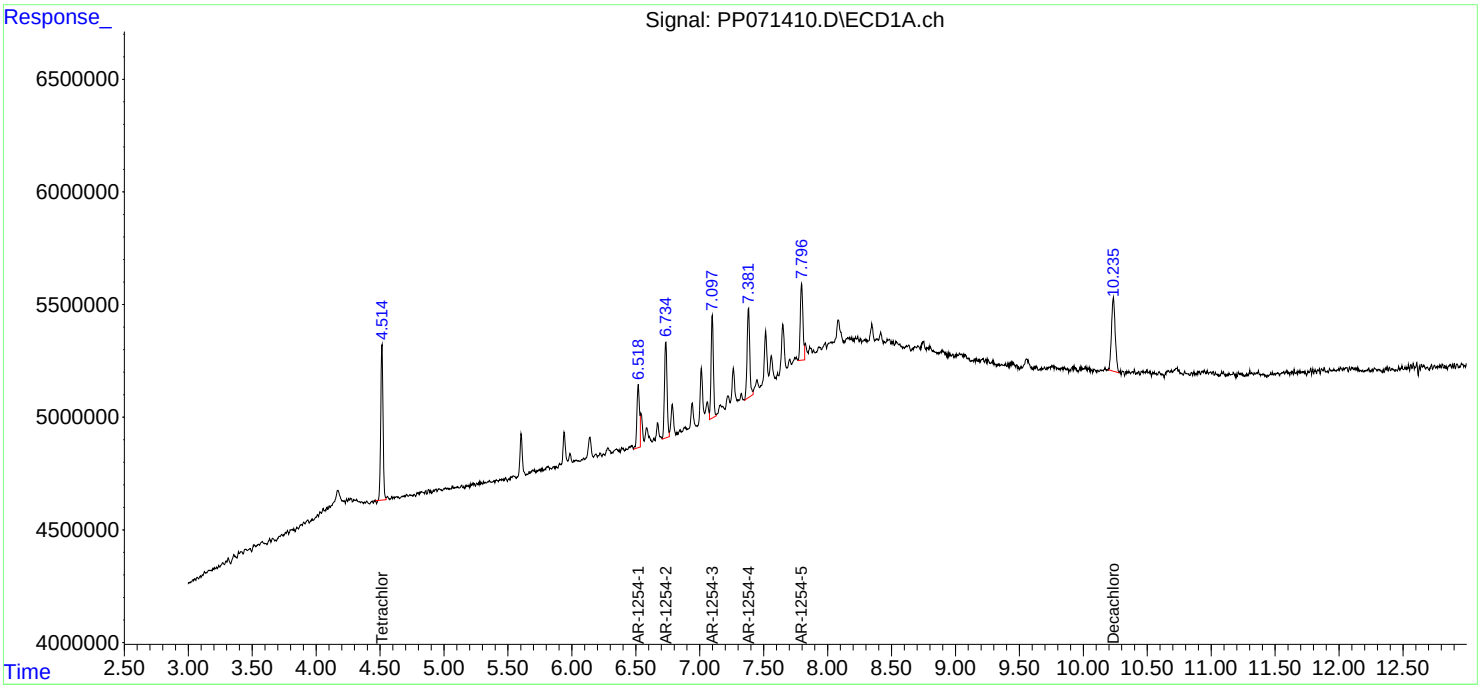
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

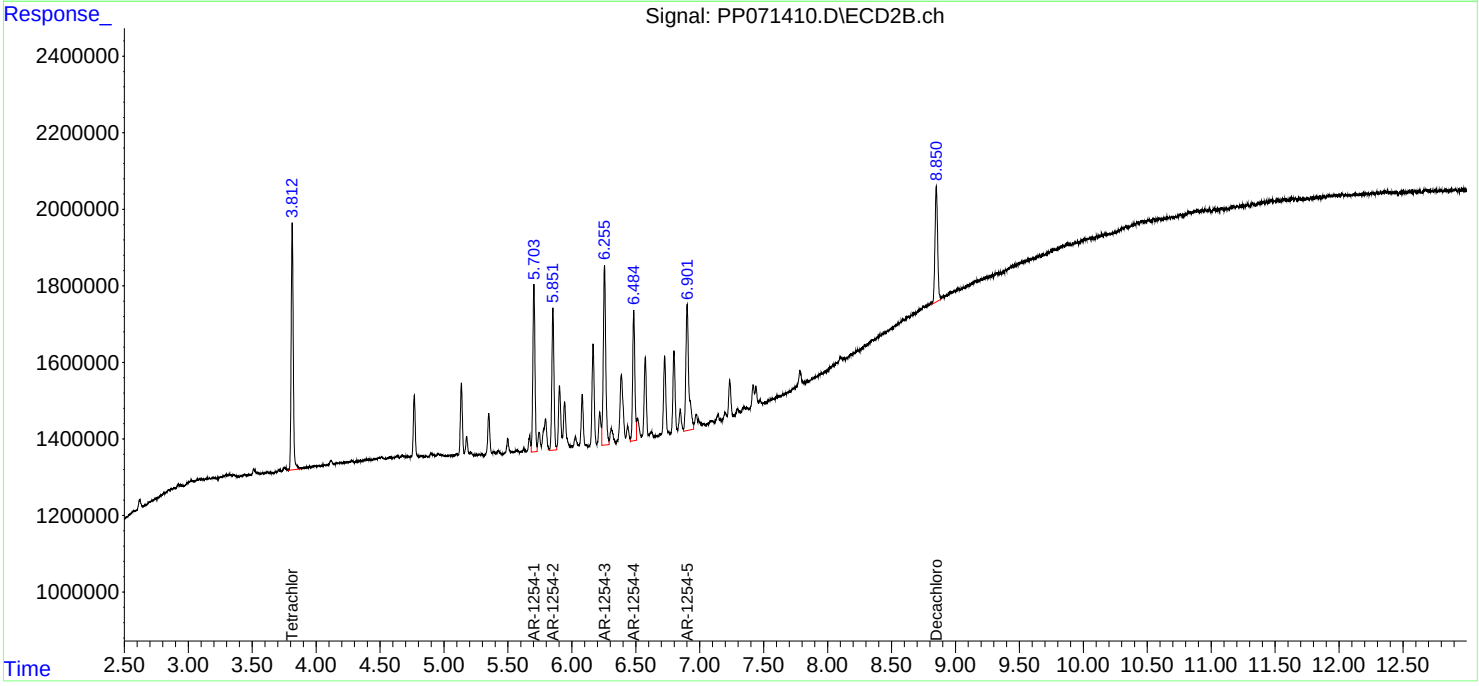
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071410.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 16:11
Operator : YP\AJ
Sample : AR1254ICC50
Misc :
ALS Vial : 24 Sample Multiplier: 1

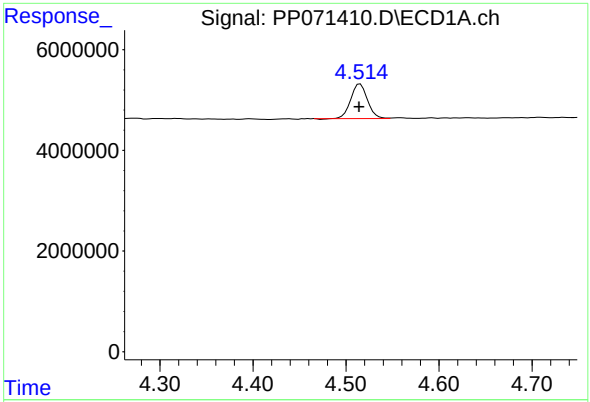
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 16:54:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 16:54:36 2025
Response via : Initial Calibration
Integrator: ChemStation

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



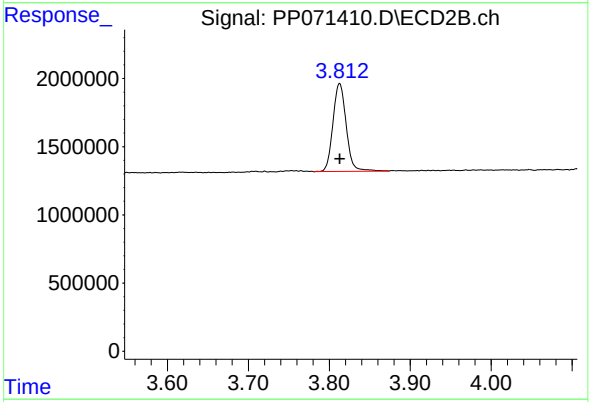




#1 Tetrachloro-m-xylene

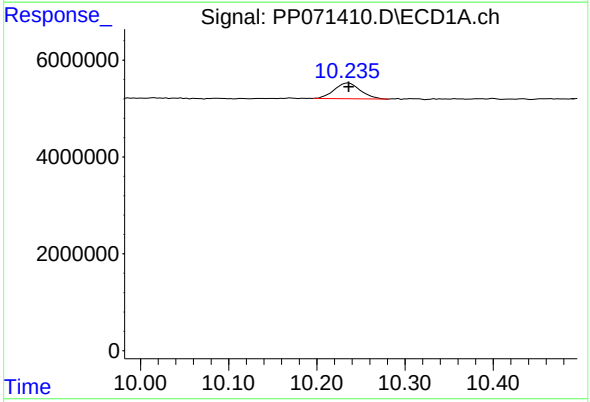
R.T.: 4.515 min
Delta R.T.: 0.001 min
Response: 8545760
Conc: 4.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



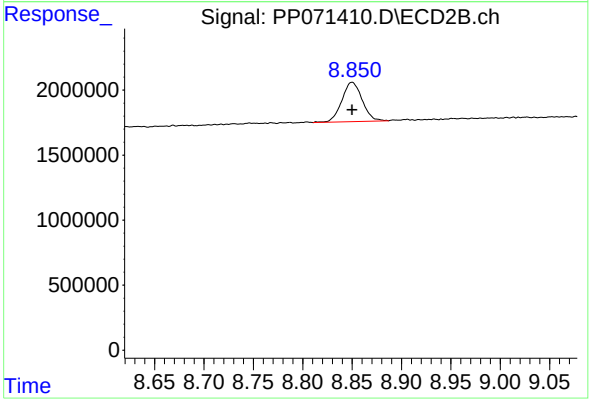
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 7342515
Conc: 5.01 ng/ml



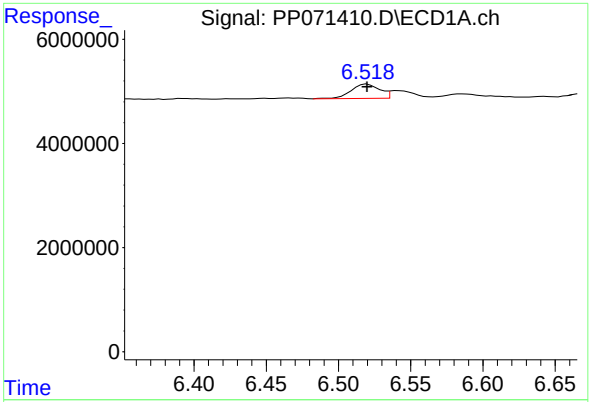
#2 Decachlorobiphenyl

R.T.: 10.236 min
Delta R.T.: 0.000 min
Response: 6643627
Conc: 4.56 ng/ml



#2 Decachlorobiphenyl

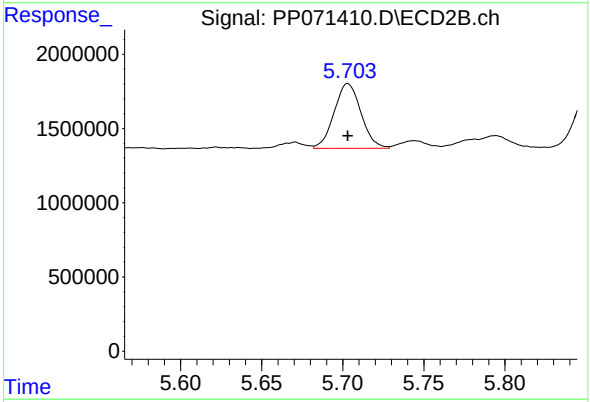
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 4341119
Conc: 4.87 ng/ml



#26 AR-1254-1

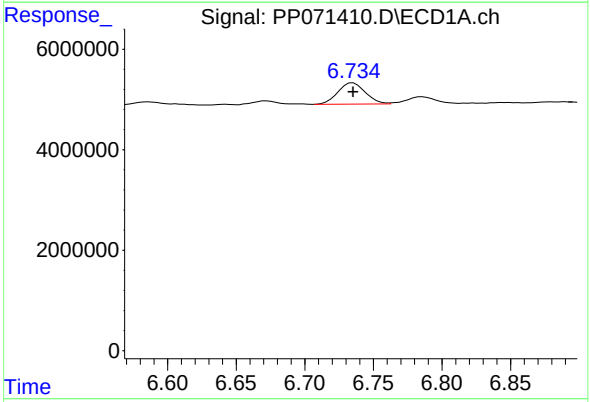
R.T.: 6.520 min
Delta R.T.: 0.000 min
Response: 3787970
Conc: 46.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



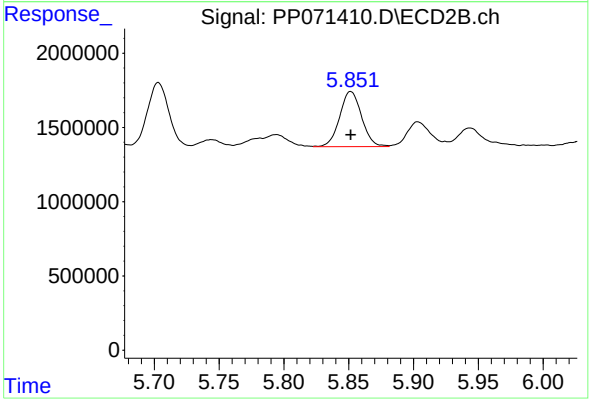
#26 AR-1254-1

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 5045448
Conc: 55.20 ng/ml



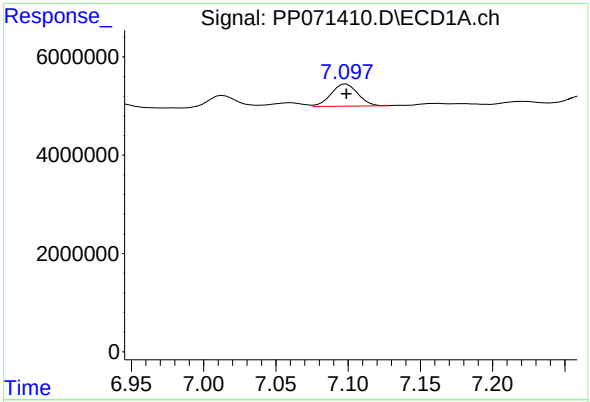
#27 AR-1254-2

R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 5933913
Conc: 46.70 ng/ml



#27 AR-1254-2

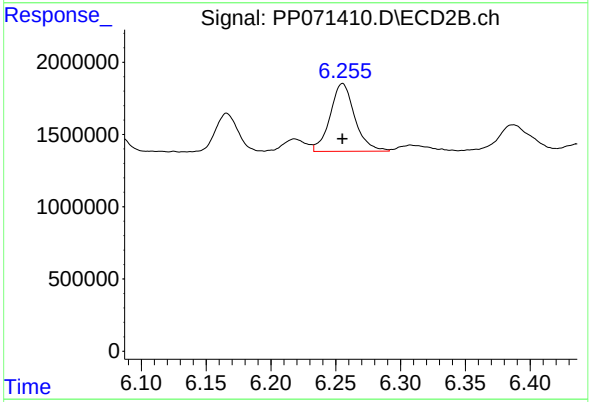
R.T.: 5.852 min
Delta R.T.: 0.000 min
Response: 4378664
Conc: 55.63 ng/ml



#28 AR-1254-3

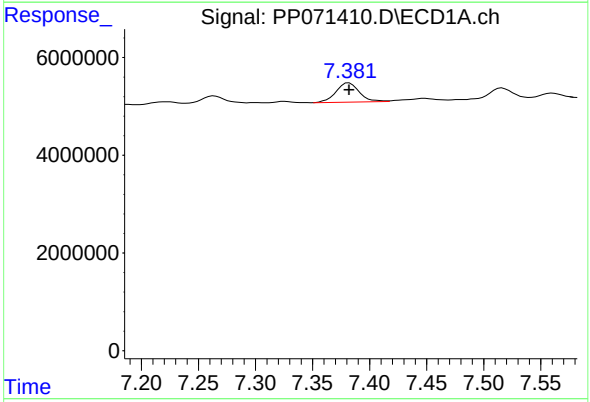
R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 5851823
Conc: 45.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



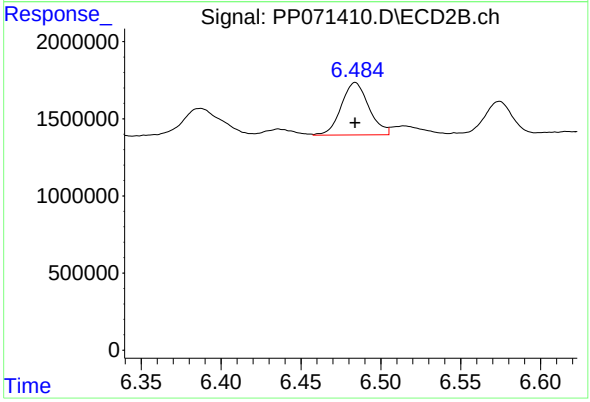
#28 AR-1254-3

R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 6211772
Conc: 52.42 ng/ml



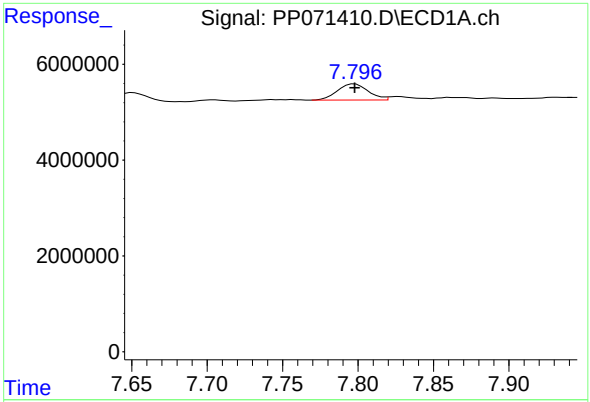
#29 AR-1254-4

R.T.: 7.382 min
Delta R.T.: 0.000 min
Response: 5633281
Conc: 47.94 ng/ml



#29 AR-1254-4

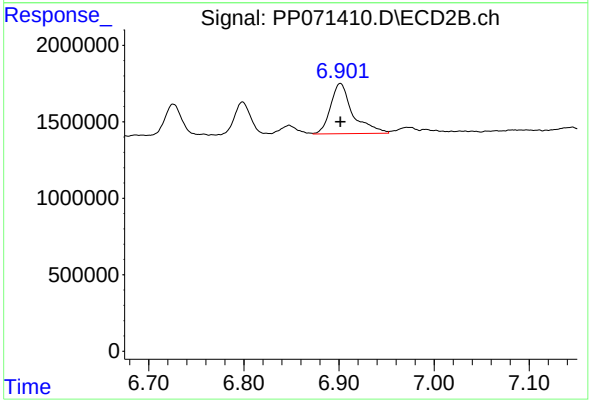
R.T.: 6.484 min
Delta R.T.: 0.000 min
Response: 4095094
Conc: 53.07 ng/ml



#30 AR-1254-5

R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 4819584
Conc: 44.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



#30 AR-1254-5

R.T.: 6.901 min
Delta R.T.: 0.000 min
Response: 5346230
Conc: 52.69 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071412.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 16:44
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 02:00:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 01:59:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.514	3.812	188.4E6	147.6E6	95.054	100.837
2)	SA Decachlor...	10.235	8.850	248.7E6	149.9E6	93.152	93.528
	Target Compounds						
41)	L9 AR-1268-1	8.733	7.722	299.6E6	181.5E6	936.979	893.950
42)	L9 AR-1268-2	8.826	7.788	251.1E6	154.8E6	937.116	896.075
43)	L9 AR-1268-3	9.058	7.993	211.9E6	128.5E6	940.656	898.014
44)	L9 AR-1268-4	9.477	8.287	93231632	56964280	941.667	894.788
45)	L9 AR-1268-5	9.894	8.588	590.1E6	367.0E6	950.117	952.869

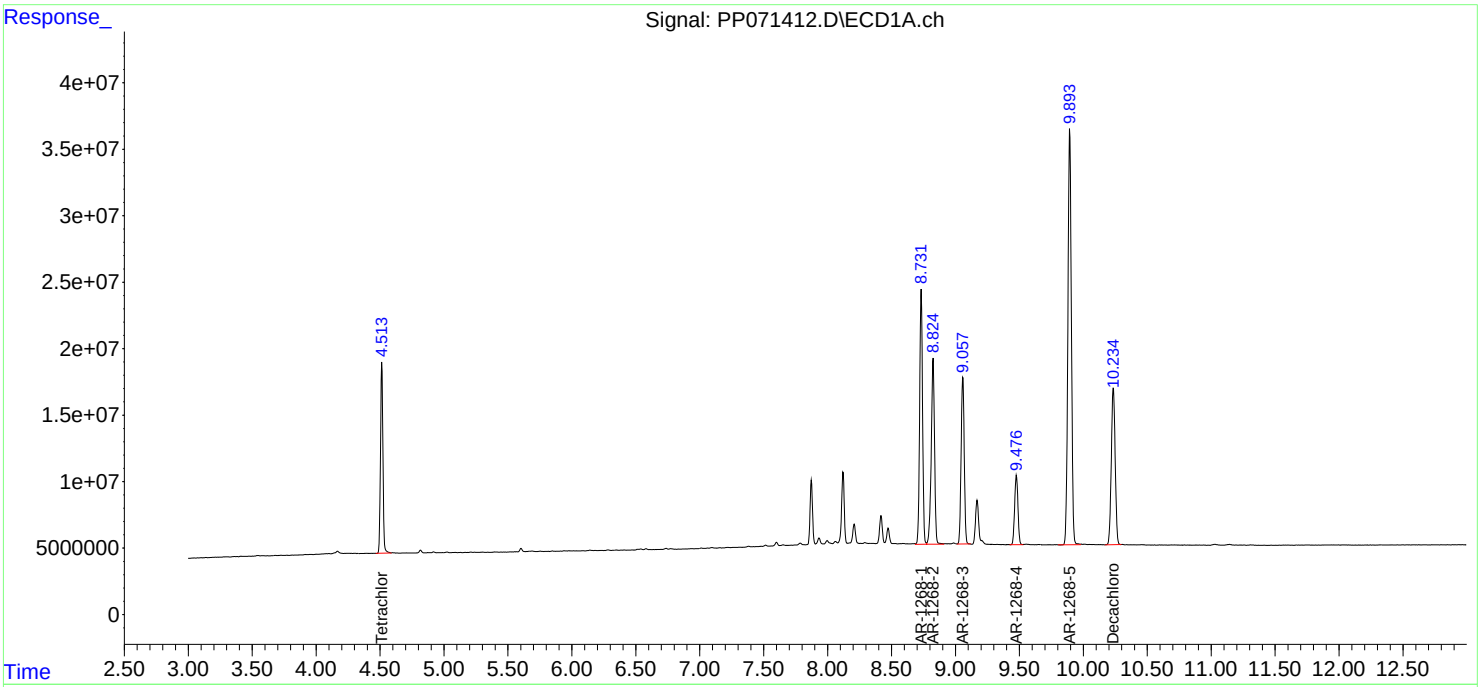
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

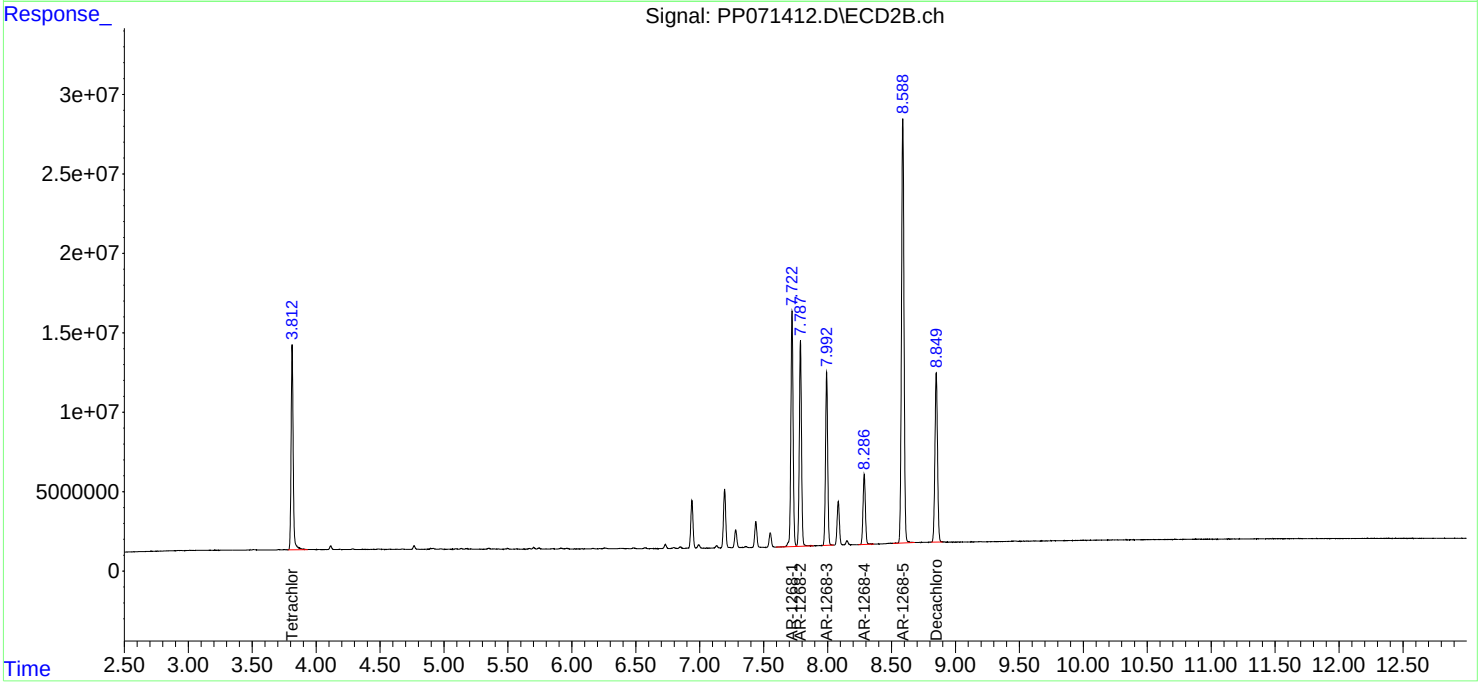
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071412.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 16:44
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

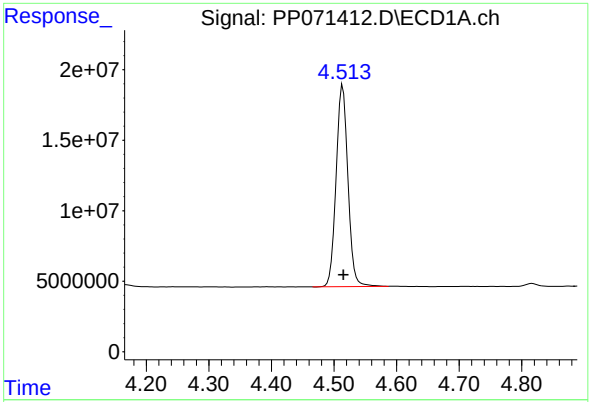
Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 02:00:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 01:59:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



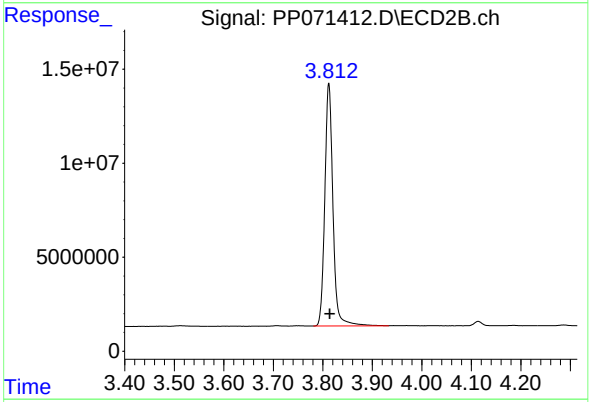




#1 Tetrachloro-m-xylene

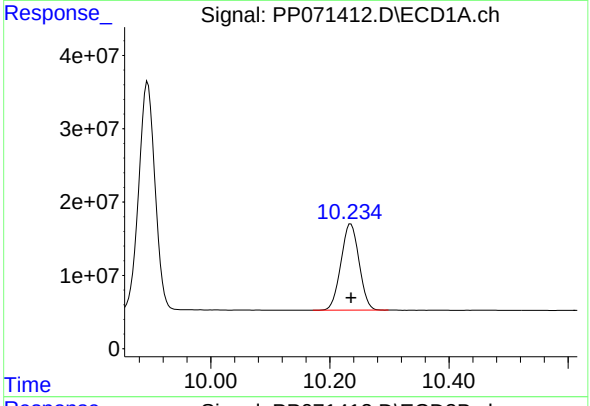
R.T.: 4.514 min
Delta R.T.: -0.001 min
Response: 188397795
Conc: 95.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



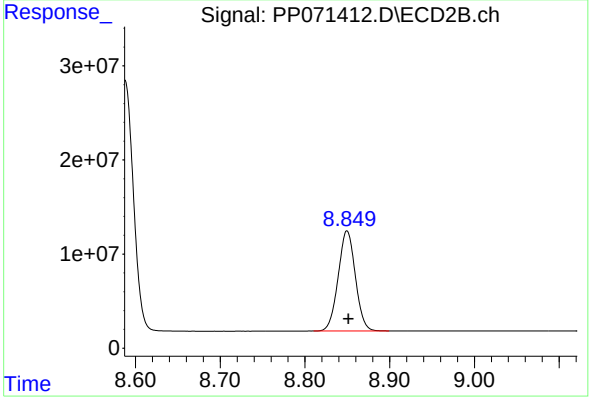
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: -0.002 min
Response: 147647099
Conc: 100.84 ng/ml



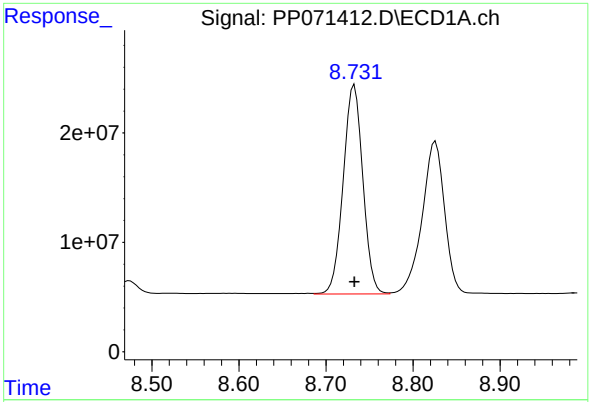
#2 Decachlorobiphenyl

R.T.: 10.235 min
Delta R.T.: 0.000 min
Response: 248662366
Conc: 93.15 ng/ml



#2 Decachlorobiphenyl

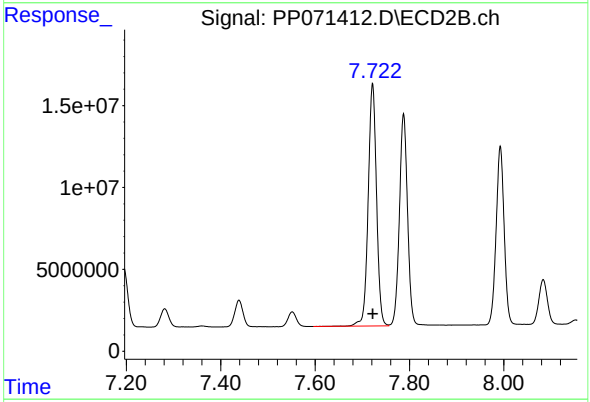
R.T.: 8.850 min
Delta R.T.: -0.001 min
Response: 149905120
Conc: 93.53 ng/ml



#41 AR-1268-1

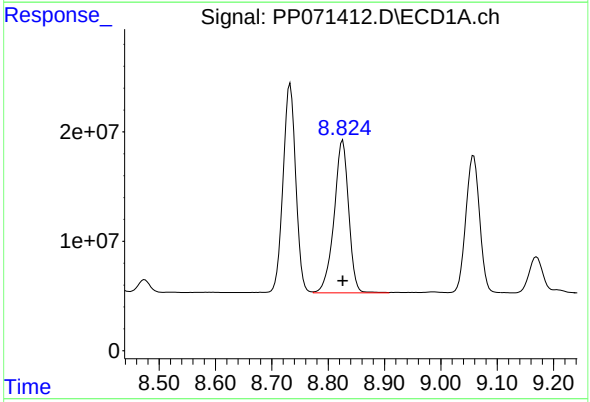
R.T.: 8.733 min
Delta R.T.: 0.000 min
Response: 299594266
Conc: 936.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



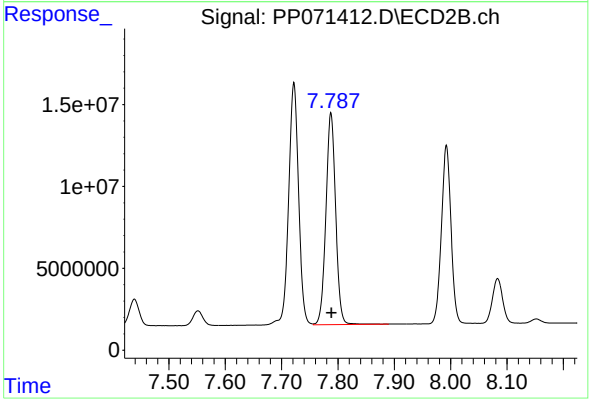
#41 AR-1268-1

R.T.: 7.722 min
Delta R.T.: 0.000 min
Response: 181460028
Conc: 893.95 ng/ml



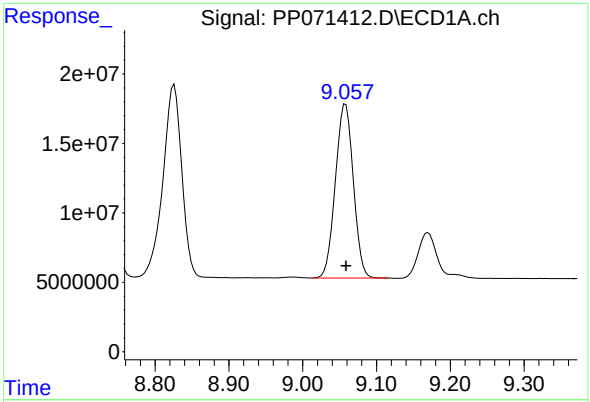
#42 AR-1268-2

R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 251109850
Conc: 937.12 ng/ml



#42 AR-1268-2

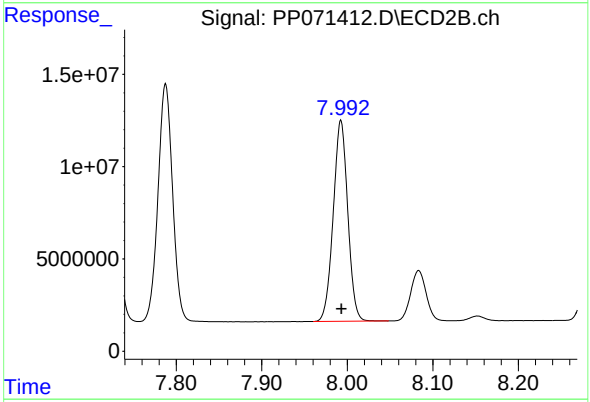
R.T.: 7.788 min
Delta R.T.: 0.000 min
Response: 154801411
Conc: 896.07 ng/ml



#43 AR-1268-3

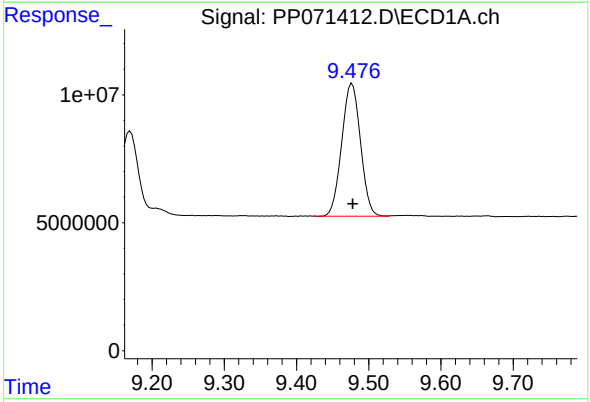
R.T.: 9.058 min
Delta R.T.: 0.000 min
Response: 211915080
Conc: 940.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



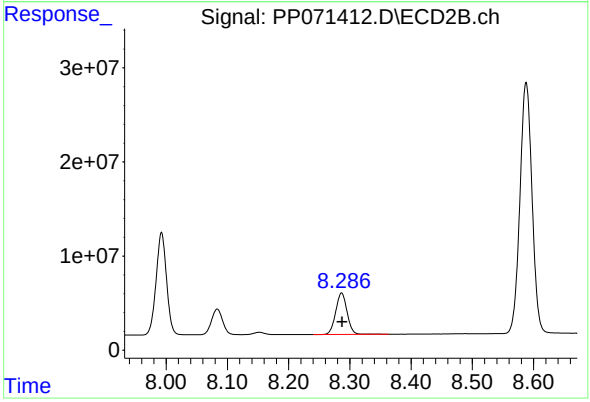
#43 AR-1268-3

R.T.: 7.993 min
Delta R.T.: 0.000 min
Response: 128491160
Conc: 898.01 ng/ml



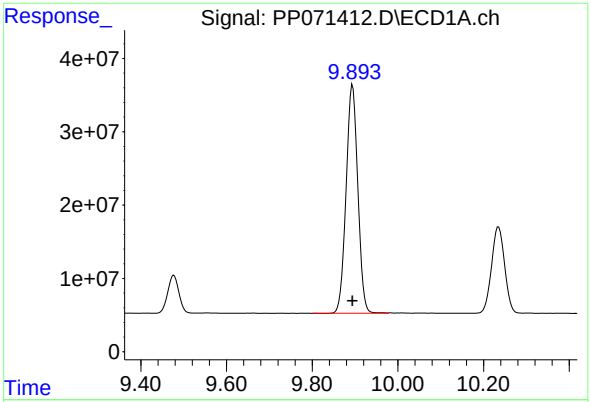
#44 AR-1268-4

R.T.: 9.477 min
Delta R.T.: 0.000 min
Response: 93231632
Conc: 941.67 ng/ml



#44 AR-1268-4

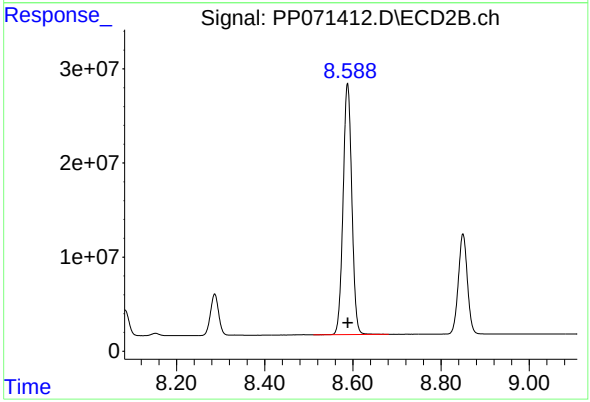
R.T.: 8.287 min
Delta R.T.: 0.000 min
Response: 56964280
Conc: 894.79 ng/ml



#45 AR-1268-5

R.T.: 9.894 min
Delta R.T.: 0.000 min
Response: 590082071
Conc: 950.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



#45 AR-1268-5

R.T.: 8.588 min
Delta R.T.: 0.000 min
Response: 367021219
Conc: 952.87 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071413.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 17:00
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 02:00:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 01:59:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.515	3.813	144.9E6	108.4E6	73.091	74.065
2)	SA Decachlor...	10.234	8.849	191.8E6	116.0E6	71.833	72.344
	Target Compounds						
41)	L9 AR-1268-1	8.733	7.721	231.8E6	141.0E6	725.026	694.426
42)	L9 AR-1268-2	8.826	7.787	194.3E6	119.6E6	725.052	692.534
43)	L9 AR-1268-3	9.058	7.991	163.8E6	99816904	726.929	697.612
44)	L9 AR-1268-4	9.476	8.285	72323269	44771879	730.486	703.271
45)	L9 AR-1268-5	9.894	8.587	452.8E6	283.3E6	729.082	735.437

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

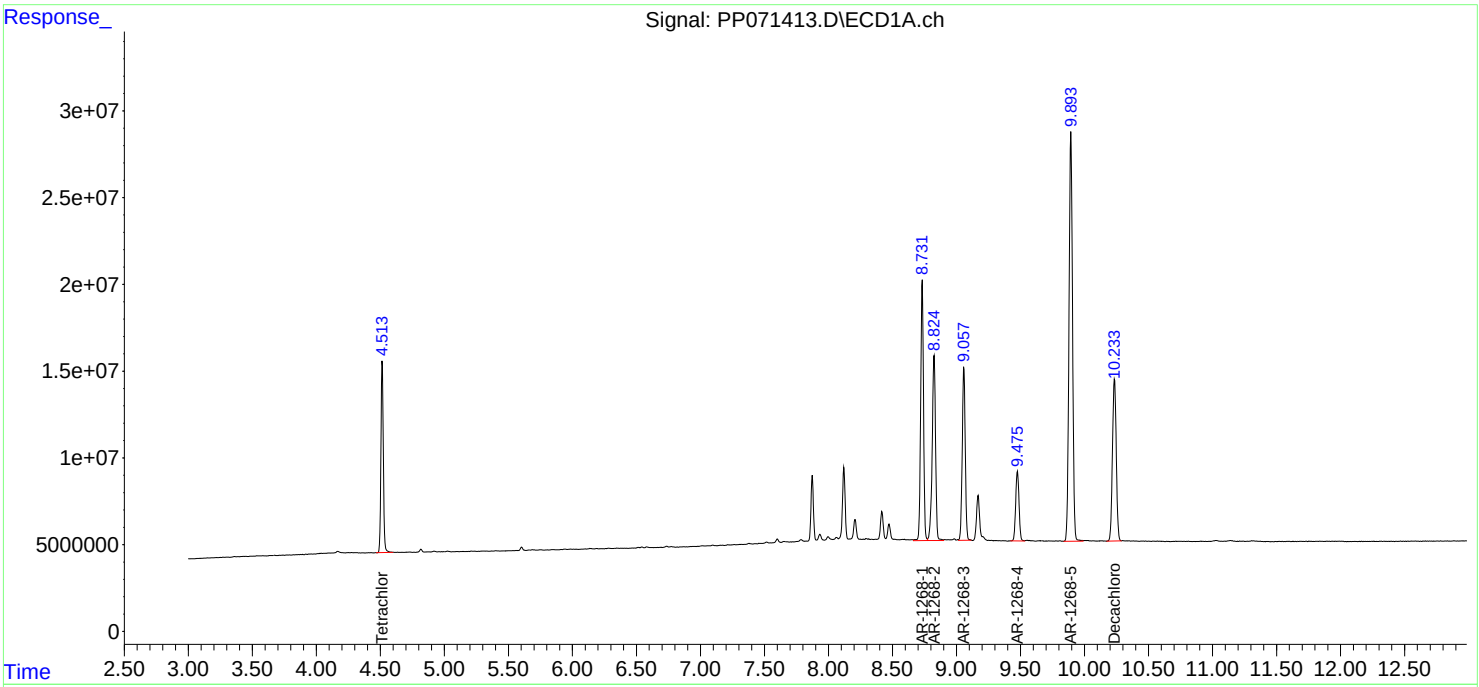
Quantitation Report (Not Reviewed)

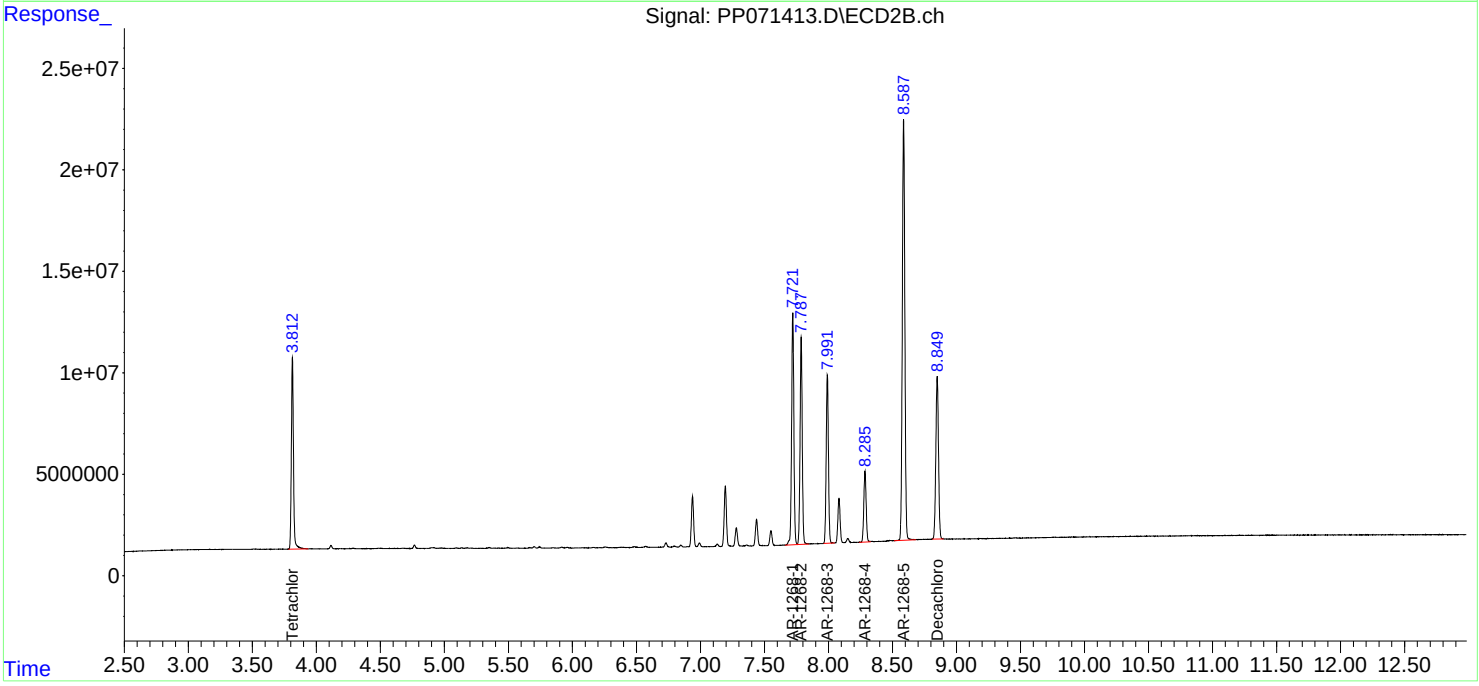
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071413.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 17:00
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

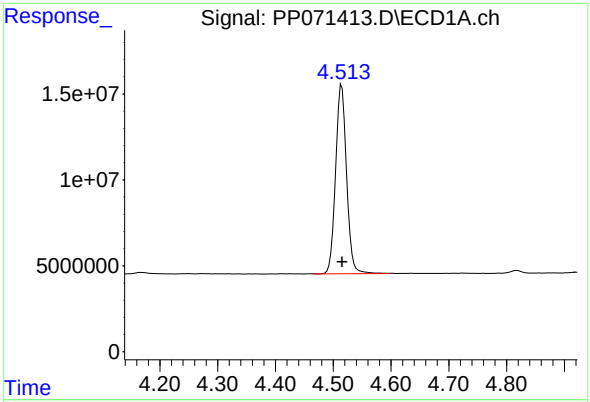
Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 02:00:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 01:59:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



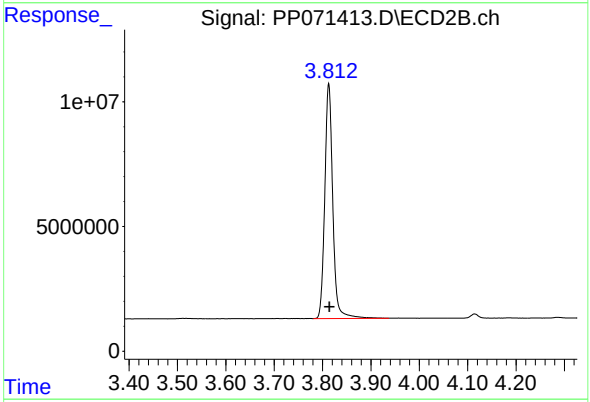




#1 Tetrachloro-m-xylene

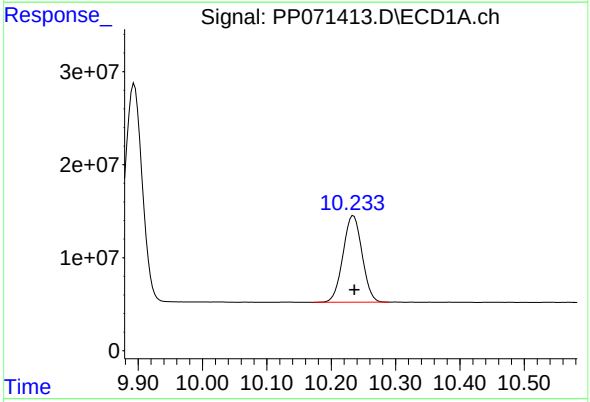
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 144867571
Conc: 73.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



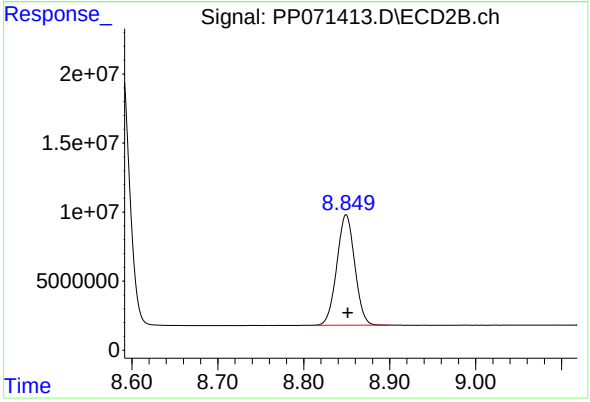
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: -0.001 min
Response: 108446461
Conc: 74.06 ng/ml



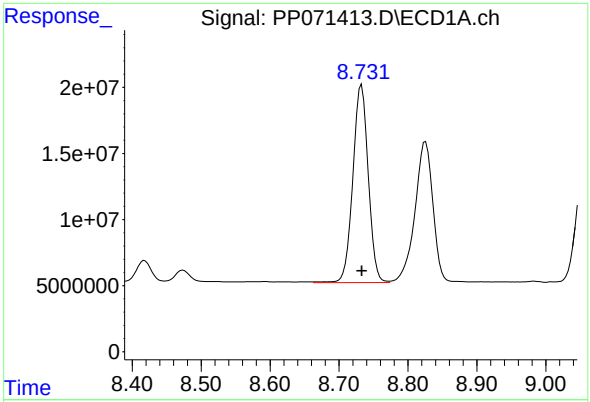
#2 Decachlorobiphenyl

R.T.: 10.234 min
Delta R.T.: -0.001 min
Response: 191753222
Conc: 71.83 ng/ml



#2 Decachlorobiphenyl

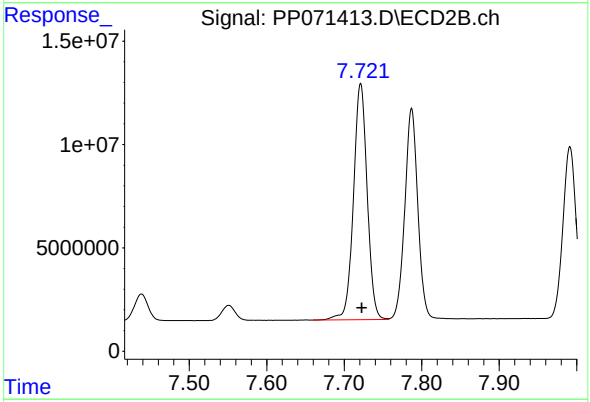
R.T.: 8.849 min
Delta R.T.: -0.002 min
Response: 115953007
Conc: 72.34 ng/ml



#41 AR-1268-1

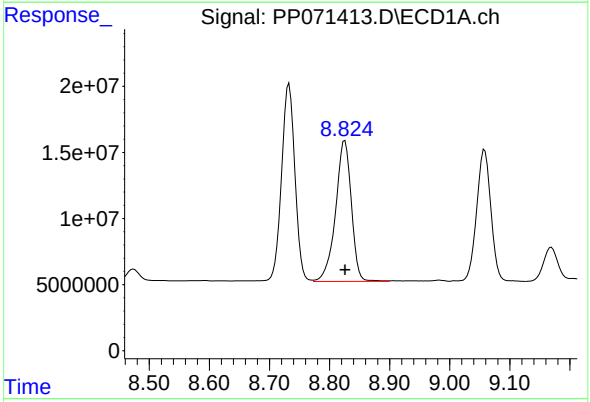
R.T.: 8.733 min
Delta R.T.: 0.000 min
Response: 231823386
Conc: 725.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



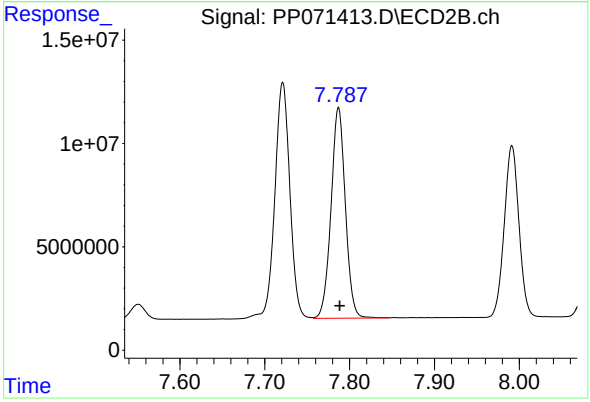
#41 AR-1268-1

R.T.: 7.721 min
Delta R.T.: -0.001 min
Response: 140959338
Conc: 694.43 ng/ml



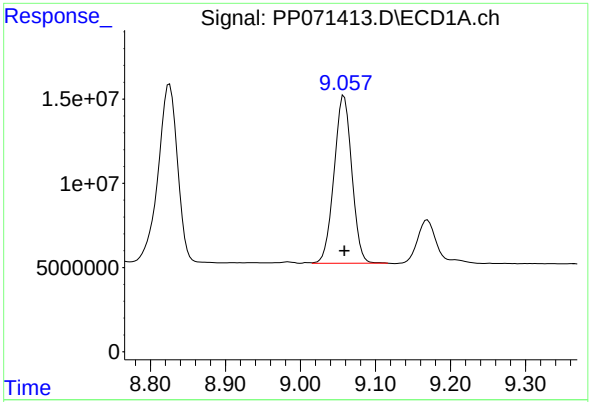
#42 AR-1268-2

R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 194285253
Conc: 725.05 ng/ml



#42 AR-1268-2

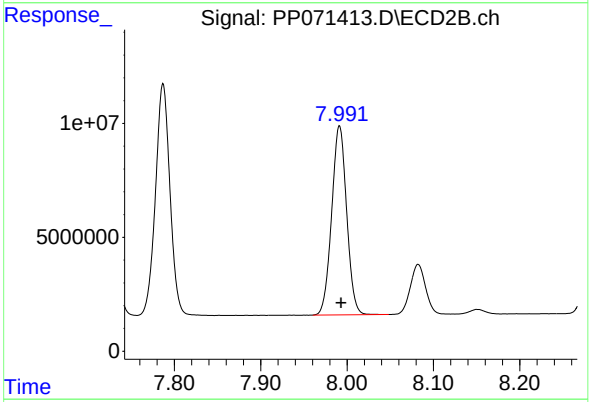
R.T.: 7.787 min
Delta R.T.: -0.001 min
Response: 119638783
Conc: 692.53 ng/ml



#43 AR-1268-3

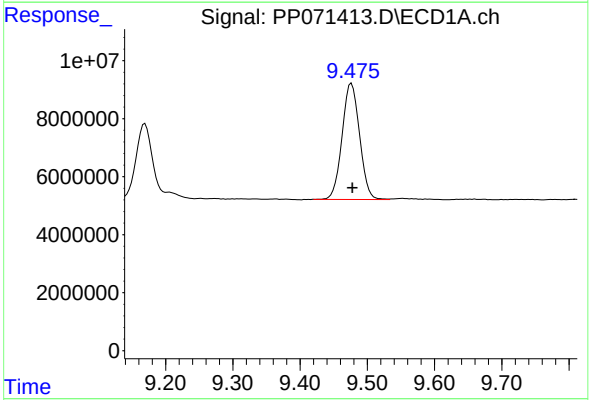
R.T.: 9.058 min
Delta R.T.: 0.000 min
Response: 163765585
Conc: 726.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



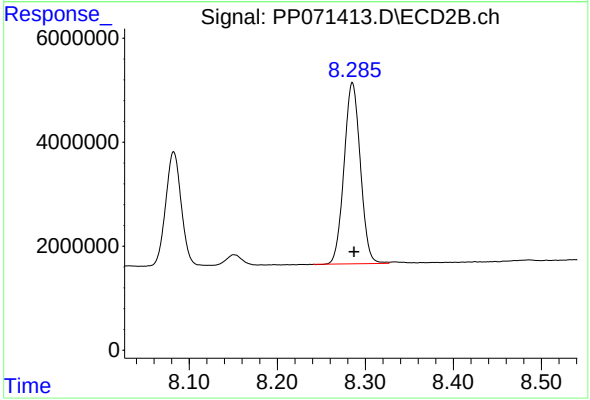
#43 AR-1268-3

R.T.: 7.991 min
Delta R.T.: -0.002 min
Response: 99816904
Conc: 697.61 ng/ml



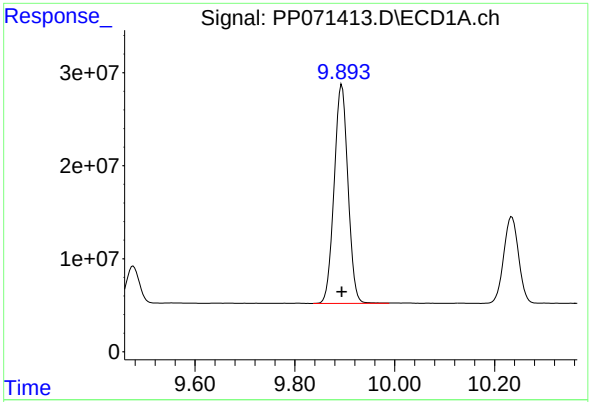
#44 AR-1268-4

R.T.: 9.476 min
Delta R.T.: -0.002 min
Response: 72323269
Conc: 730.49 ng/ml



#44 AR-1268-4

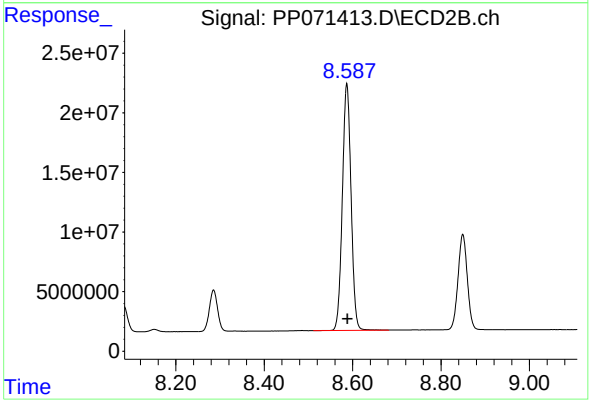
R.T.: 8.285 min
Delta R.T.: -0.002 min
Response: 44771879
Conc: 703.27 ng/ml



#45 AR-1268-5

R.T.: 9.894 min
Delta R.T.: 0.000 min
Response: 452805185
Conc: 729.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



#45 AR-1268-5

R.T.: 8.587 min
Delta R.T.: -0.002 min
Response: 283271897
Conc: 735.44 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071414.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 17:16
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 02:00:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 01:59:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.515	3.814	99100413	73210719	50.000	50.000
2)	SA Decachlor...	10.236	8.851	133.5E6	80139523	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	8.733	7.722	159.9E6	101.5E6	500.000	500.000
42)	L9 AR-1268-2	8.826	7.788	134.0E6	86377504	500.000	500.000
43)	L9 AR-1268-3	9.059	7.993	112.6E6	71541846	500.000	500.000
44)	L9 AR-1268-4	9.478	8.287	49503520	31760699	500.000	498.893
45)	L9 AR-1268-5	9.894	8.589	310.5E6	192.6E6	500.000	500.000

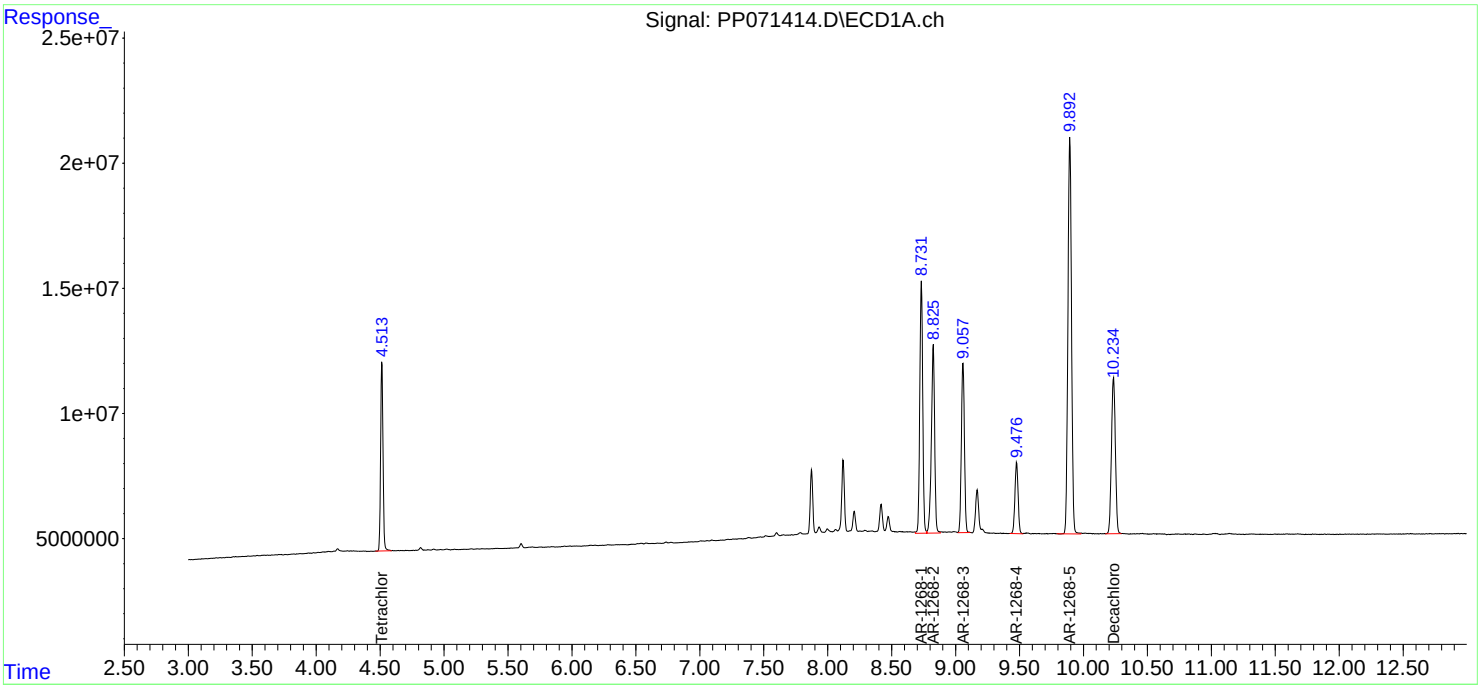
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

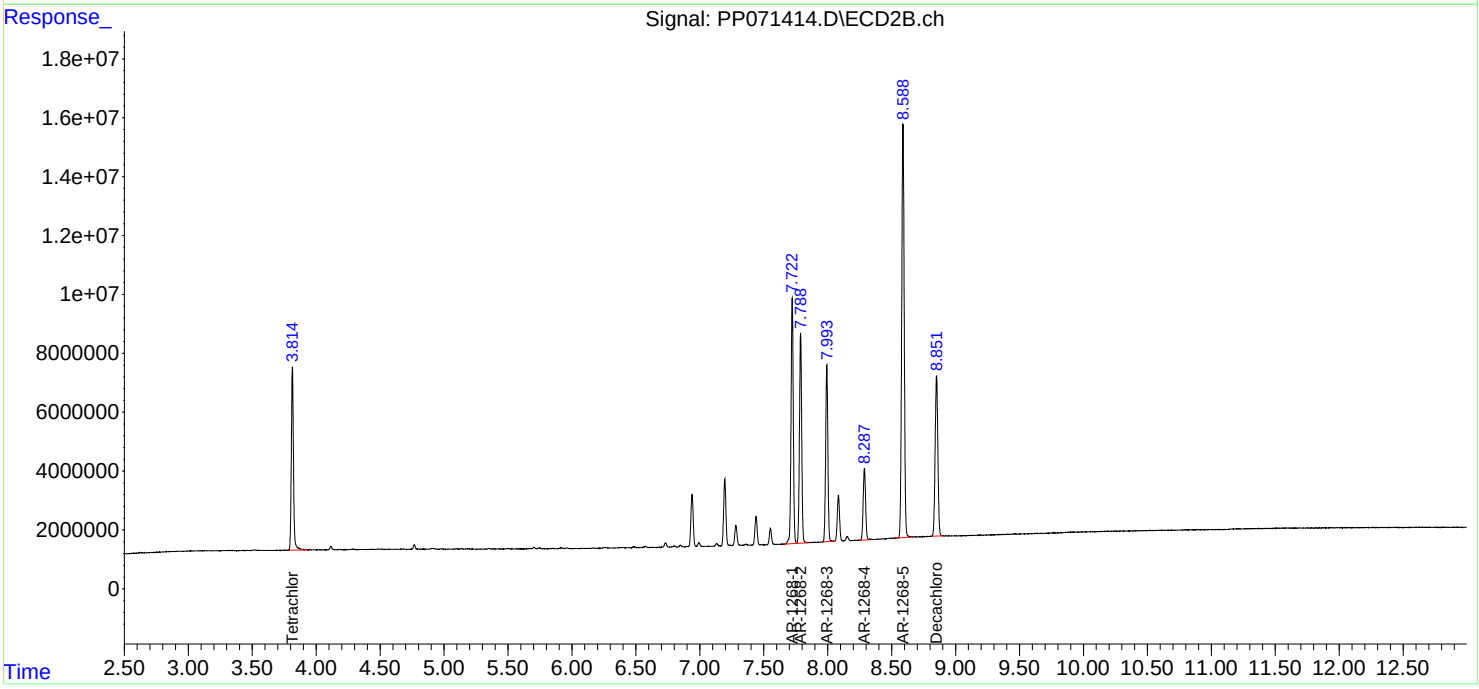
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071414.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 17:16
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

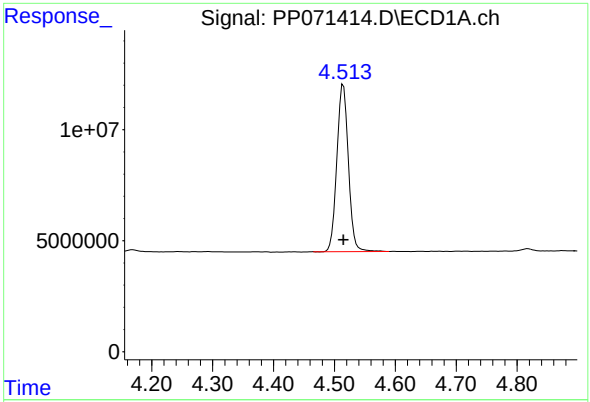
Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 02:00:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 01:59:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



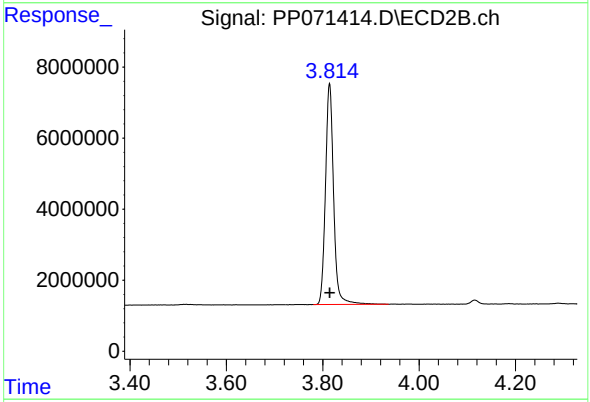




#1 Tetrachloro-m-xylene

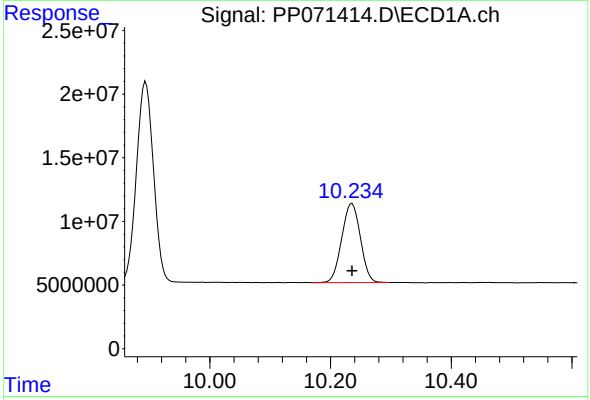
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 99100413
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



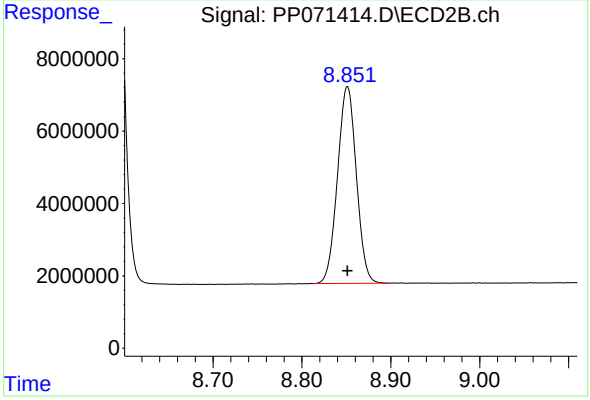
#1 Tetrachloro-m-xylene

R.T.: 3.814 min
Delta R.T.: 0.000 min
Response: 73210719
Conc: 50.00 ng/ml



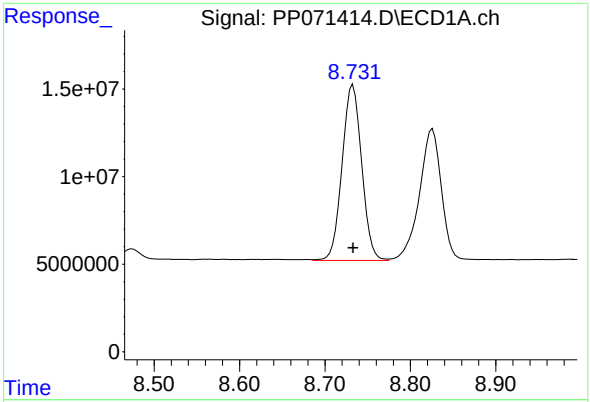
#2 Decachlorobiphenyl

R.T.: 10.236 min
Delta R.T.: 0.000 min
Response: 133470748
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

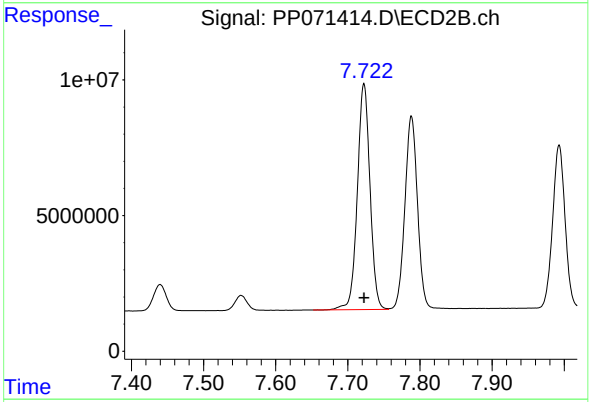
R.T.: 8.851 min
Delta R.T.: 0.000 min
Response: 80139523
Conc: 50.00 ng/ml



#41 AR-1268-1

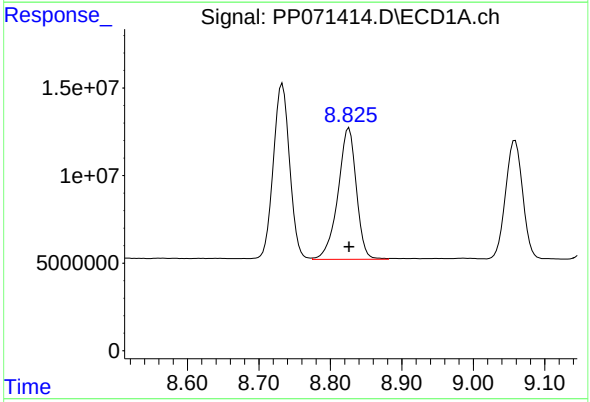
R.T.: 8.733 min
Delta R.T.: 0.000 min
Response: 159872402
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



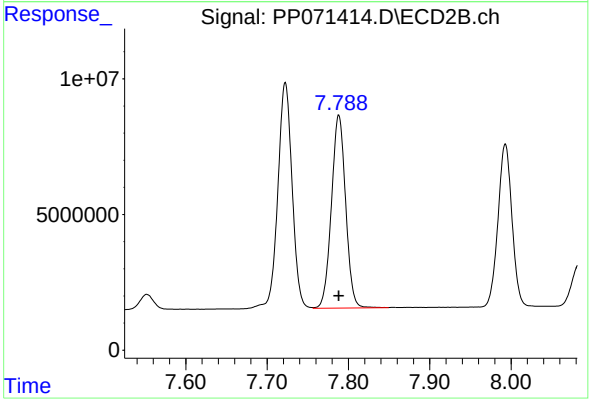
#41 AR-1268-1

R.T.: 7.722 min
Delta R.T.: 0.000 min
Response: 101493352
Conc: 500.00 ng/ml



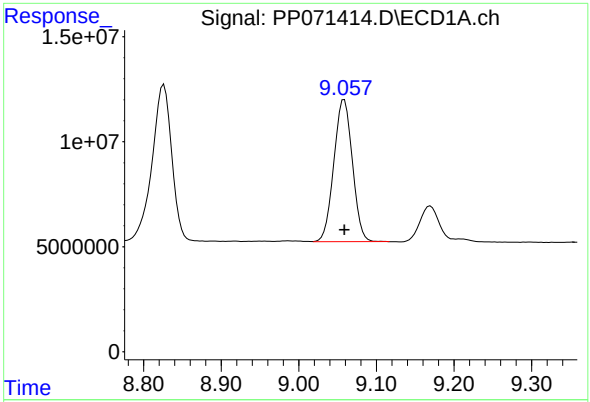
#42 AR-1268-2

R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 133980177
Conc: 500.00 ng/ml



#42 AR-1268-2

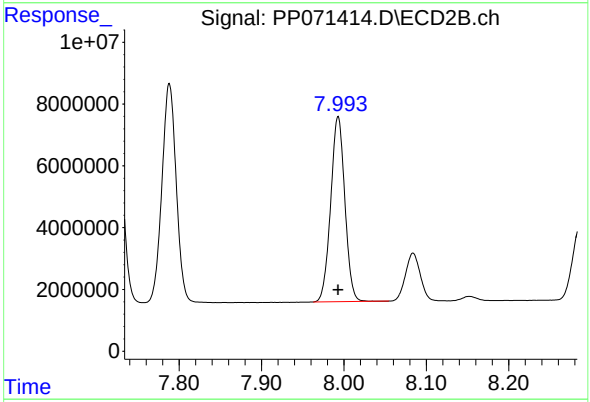
R.T.: 7.788 min
Delta R.T.: 0.000 min
Response: 86377504
Conc: 500.00 ng/ml



#43 AR-1268-3

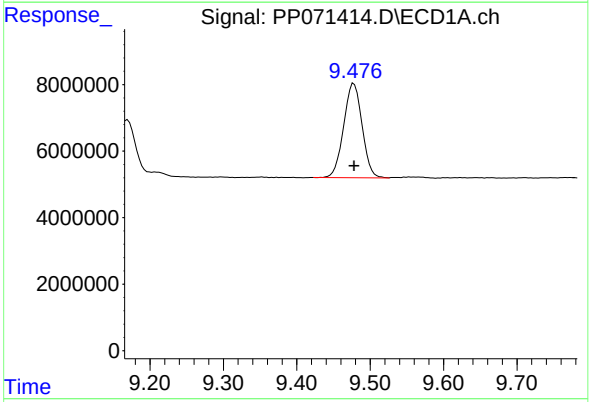
R.T.: 9.059 min
Delta R.T.: 0.000 min
Response: 112642140
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



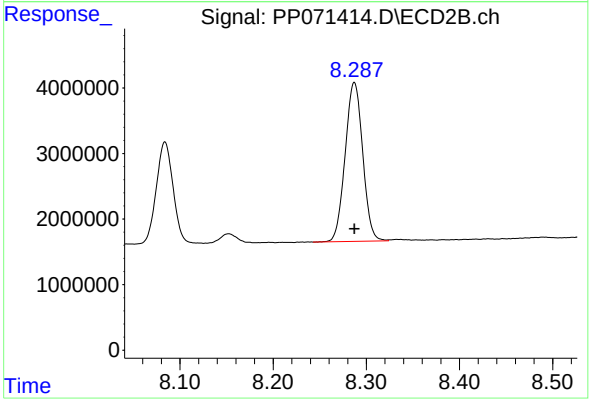
#43 AR-1268-3

R.T.: 7.993 min
Delta R.T.: 0.000 min
Response: 71541846
Conc: 500.00 ng/ml



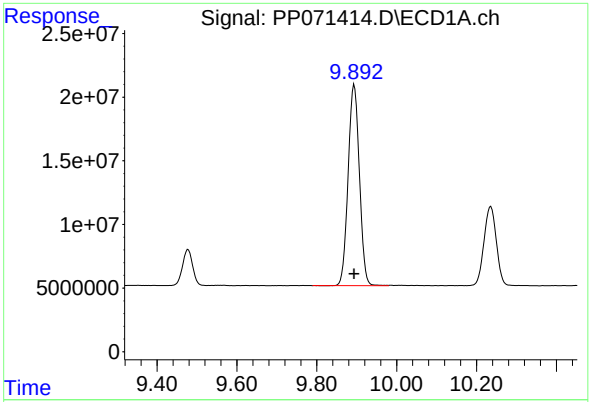
#44 AR-1268-4

R.T.: 9.478 min
Delta R.T.: 0.000 min
Response: 49503520
Conc: 500.00 ng/ml



#44 AR-1268-4

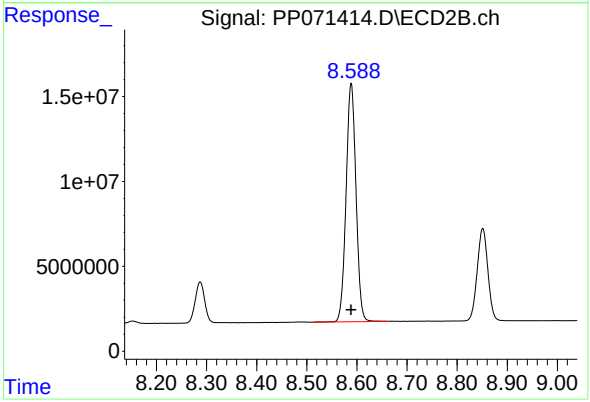
R.T.: 8.287 min
Delta R.T.: 0.000 min
Response: 31760699
Conc: 498.89 ng/ml



#45 AR-1268-5

R.T.: 9.894 min
Delta R.T.: 0.000 min
Response: 310531224
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



#45 AR-1268-5

R.T.: 8.589 min
Delta R.T.: 0.000 min
Response: 192587534
Conc: 500.00 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071415.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 17:33
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 02:00:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 01:59:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.517	3.813	50174786	36443440	25.315	24.889
2)	SA Decachlor...	10.236	8.850	67366681	41318494	25.236	25.779
	Target Compounds						
41)	L9 AR-1268-1	8.735	7.722	82956522	51112125	259.446	251.800
42)	L9 AR-1268-2	8.828	7.788	68964227	43318102	257.367	250.749
43)	L9 AR-1268-3	9.061	7.991	57876424	36193296	256.904	252.952
44)	L9 AR-1268-4	9.480	8.286	24514996	16044448	247.609	252.024
45)	L9 AR-1268-5	9.897	8.587	157.8E6	96869753	254.135	251.495

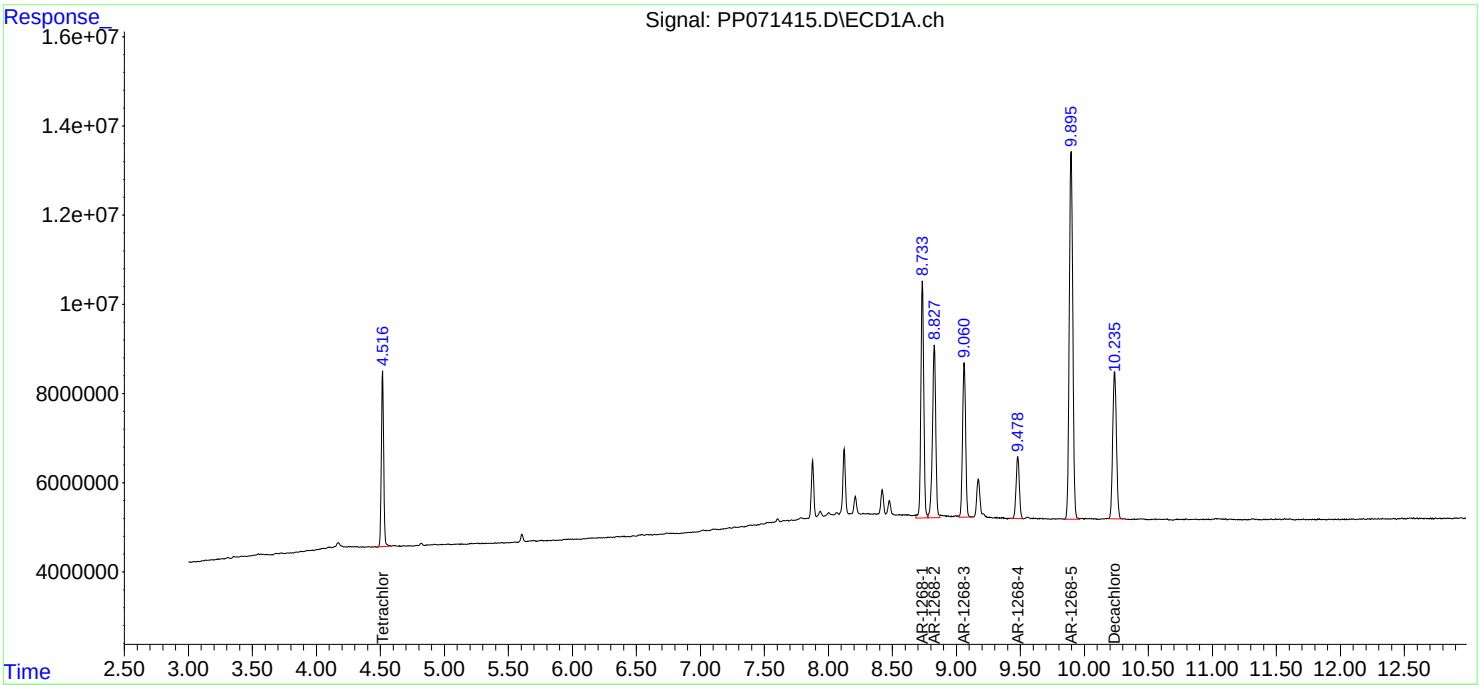
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

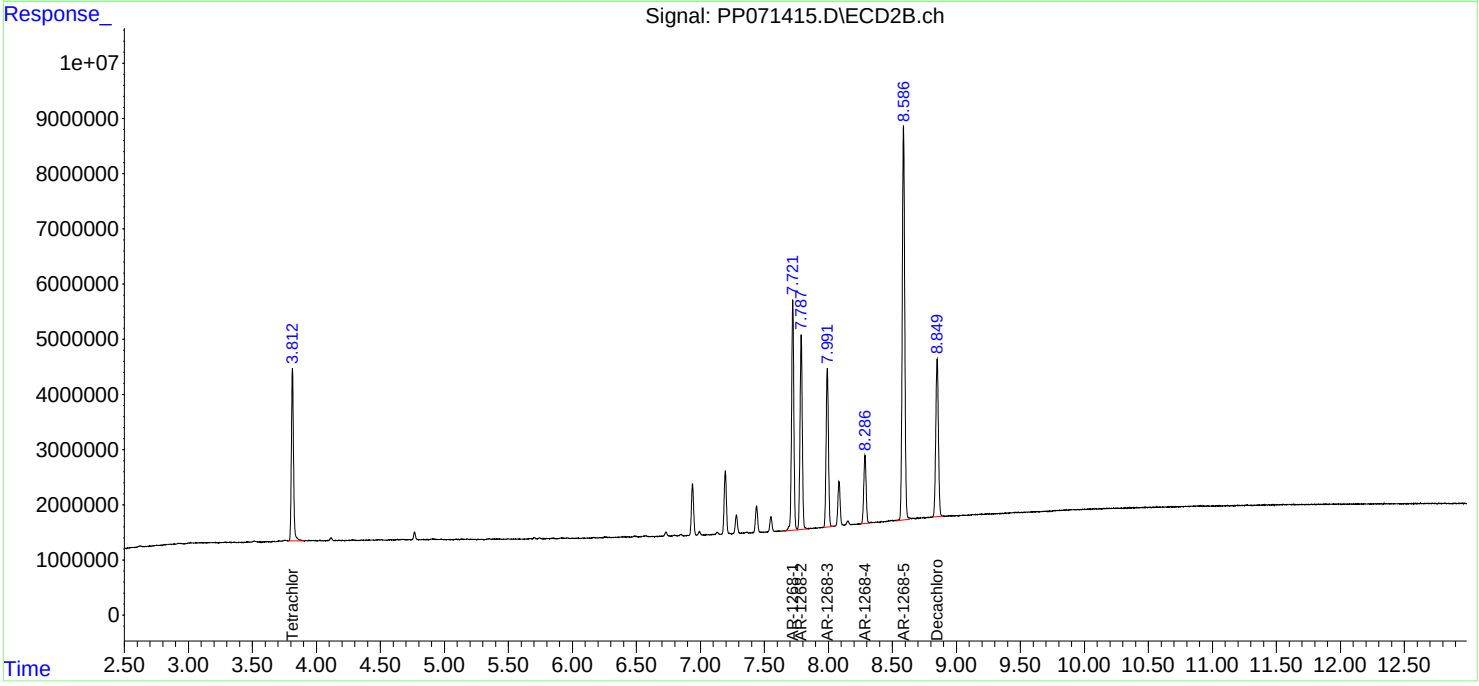
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071415.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 17:33
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

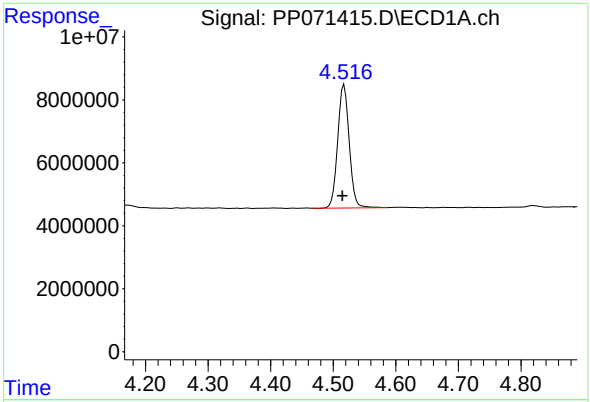
Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 02:00:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 01:59:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



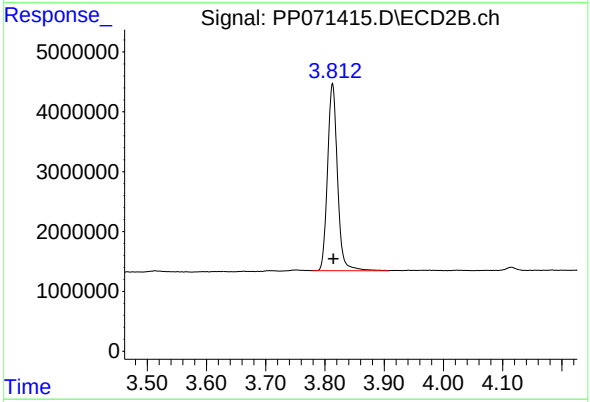




#1 Tetrachloro-m-xylene

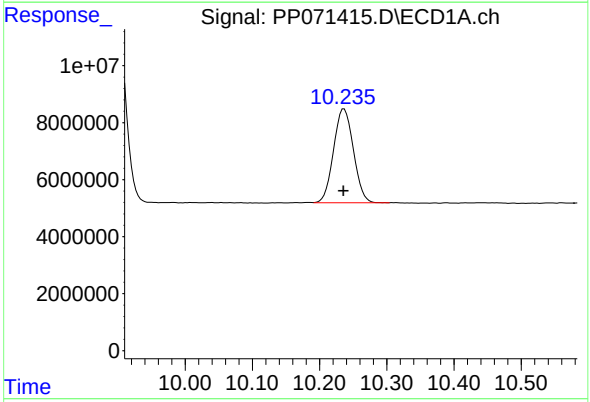
R.T.: 4.517 min
Delta R.T.: 0.002 min
Response: 50174786
Conc: 25.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



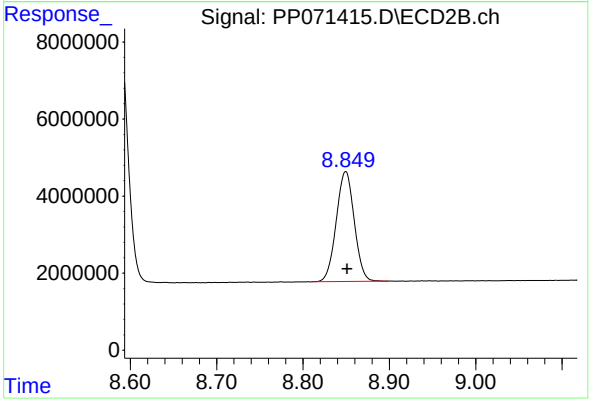
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: -0.001 min
Response: 36443440
Conc: 24.89 ng/ml



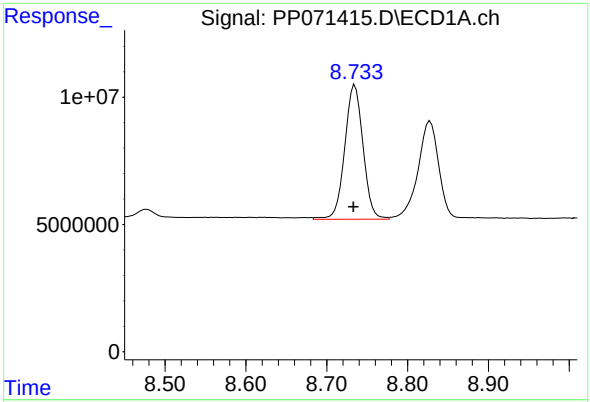
#2 Decachlorobiphenyl

R.T.: 10.236 min
Delta R.T.: 0.000 min
Response: 67366681
Conc: 25.24 ng/ml



#2 Decachlorobiphenyl

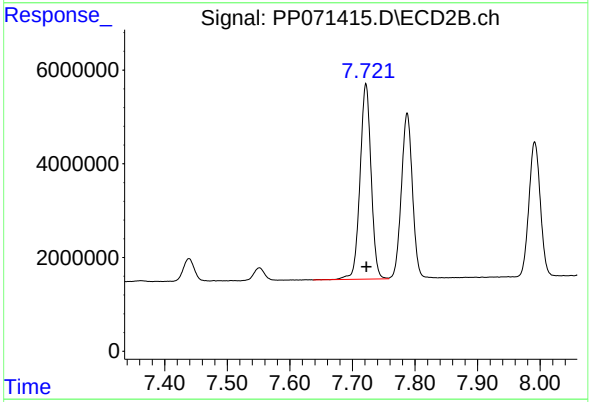
R.T.: 8.850 min
Delta R.T.: -0.002 min
Response: 41318494
Conc: 25.78 ng/ml



#41 AR-1268-1

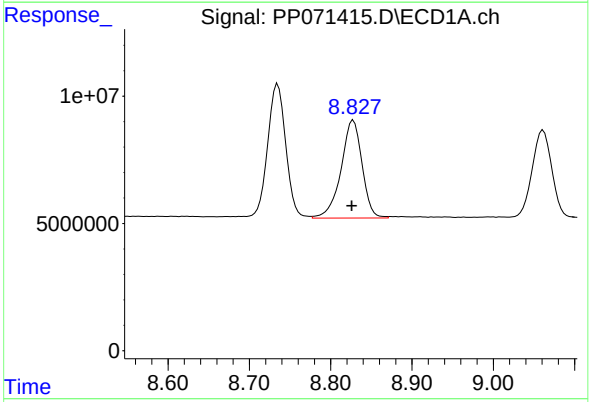
R.T.: 8.735 min
Delta R.T.: 0.002 min
Response: 82956522
Conc: 259.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



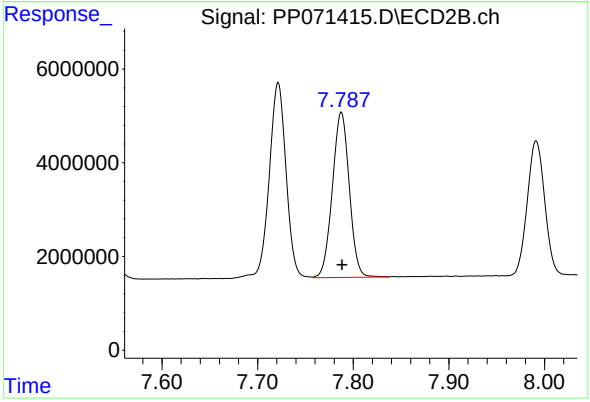
#41 AR-1268-1

R.T.: 7.722 min
Delta R.T.: 0.000 min
Response: 51112125
Conc: 251.80 ng/ml



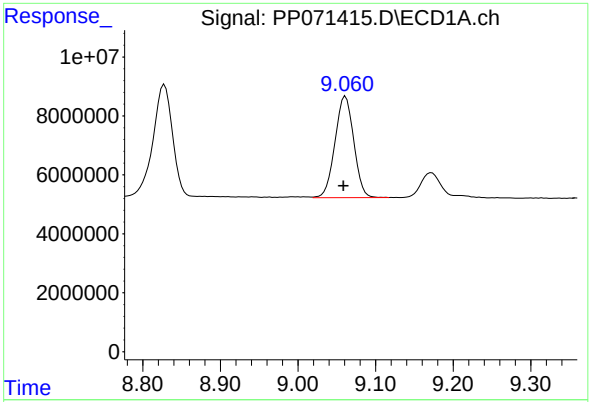
#42 AR-1268-2

R.T.: 8.828 min
Delta R.T.: 0.002 min
Response: 68964227
Conc: 257.37 ng/ml



#42 AR-1268-2

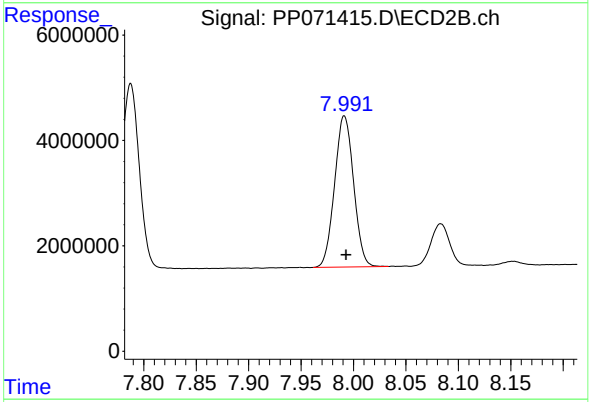
R.T.: 7.788 min
Delta R.T.: 0.000 min
Response: 43318102
Conc: 250.75 ng/ml



#43 AR-1268-3

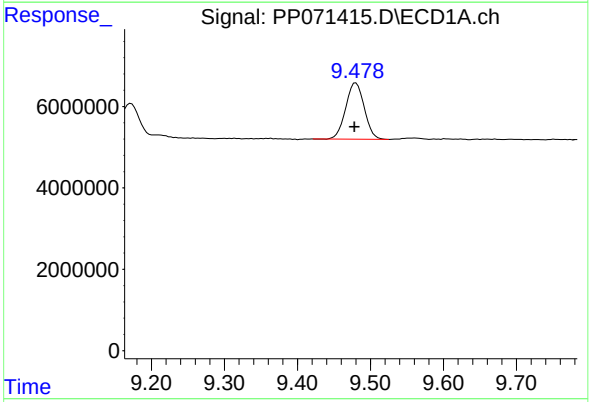
R.T.: 9.061 min
Delta R.T.: 0.003 min
Response: 57876424
Conc: 256.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



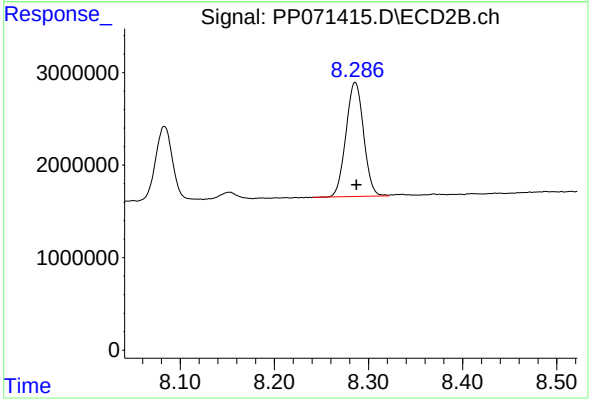
#43 AR-1268-3

R.T.: 7.991 min
Delta R.T.: -0.002 min
Response: 36193296
Conc: 252.95 ng/ml



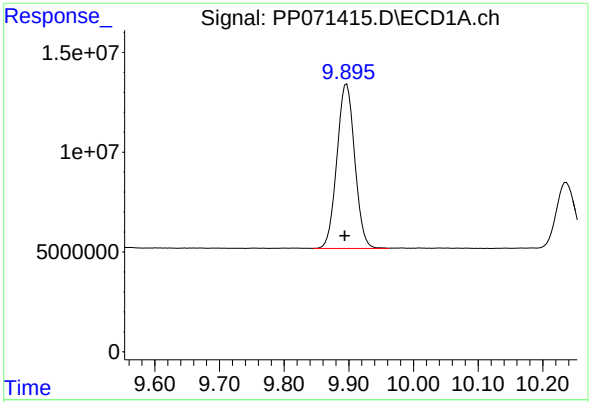
#44 AR-1268-4

R.T.: 9.480 min
Delta R.T.: 0.002 min
Response: 24514996
Conc: 247.61 ng/ml



#44 AR-1268-4

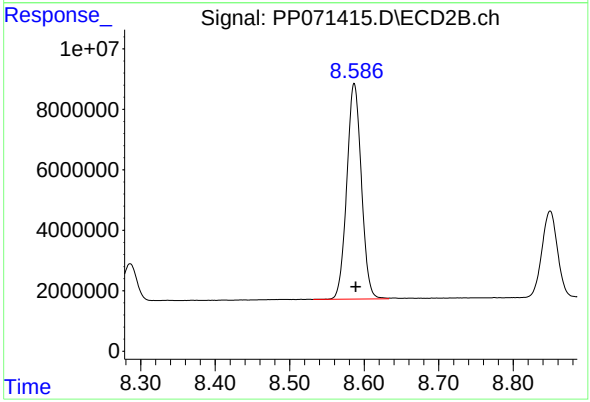
R.T.: 8.286 min
Delta R.T.: -0.001 min
Response: 16044448
Conc: 252.02 ng/ml



#45 AR-1268-5

R.T.: 9.897 min
Delta R.T.: 0.003 min
Response: 157833758
Conc: 254.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



#45 AR-1268-5

R.T.: 8.587 min
Delta R.T.: -0.002 min
Response: 96869753
Conc: 251.50 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071416.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 17:49
Operator : YP\AJ
Sample : AR1268ICC50
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 02:01:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 01:59:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.514	3.813	7954830	6504410	4.014	4.442
2)	SA Decachlor...	10.235	8.850	11316360	7324768	4.239	4.570
	Target Compounds						
41)	L9 AR-1268-1	8.733	7.722	16683982	10087094	52.179	49.693
42)	L9 AR-1268-2	8.826	7.787	13400358	8528068	50.009	49.365
43)	L9 AR-1268-3	9.058	7.992	10823544	6773456	48.044	47.339
44)	L9 AR-1268-4	9.476	8.287	4136815	2789666	41.783	43.820
45)	L9 AR-1268-5	9.894	8.588	26835395	17143092	43.209	44.507

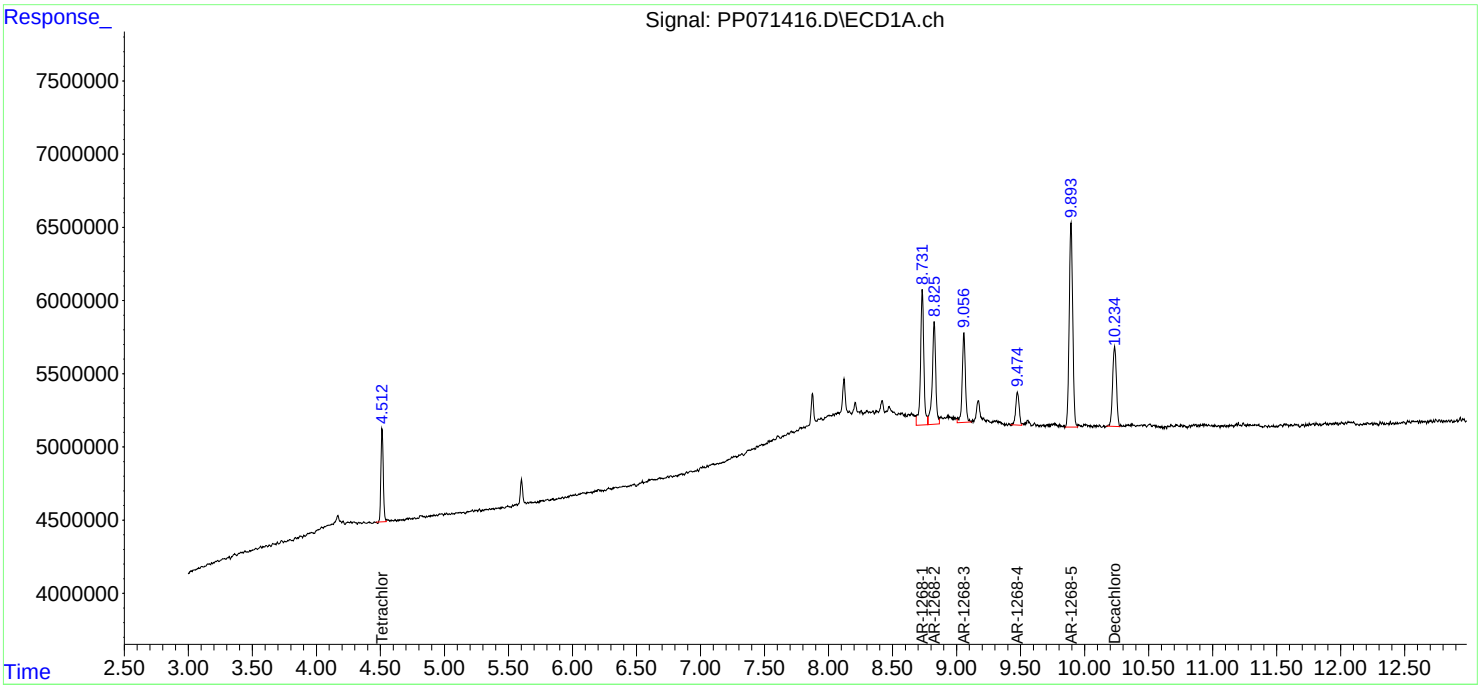
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

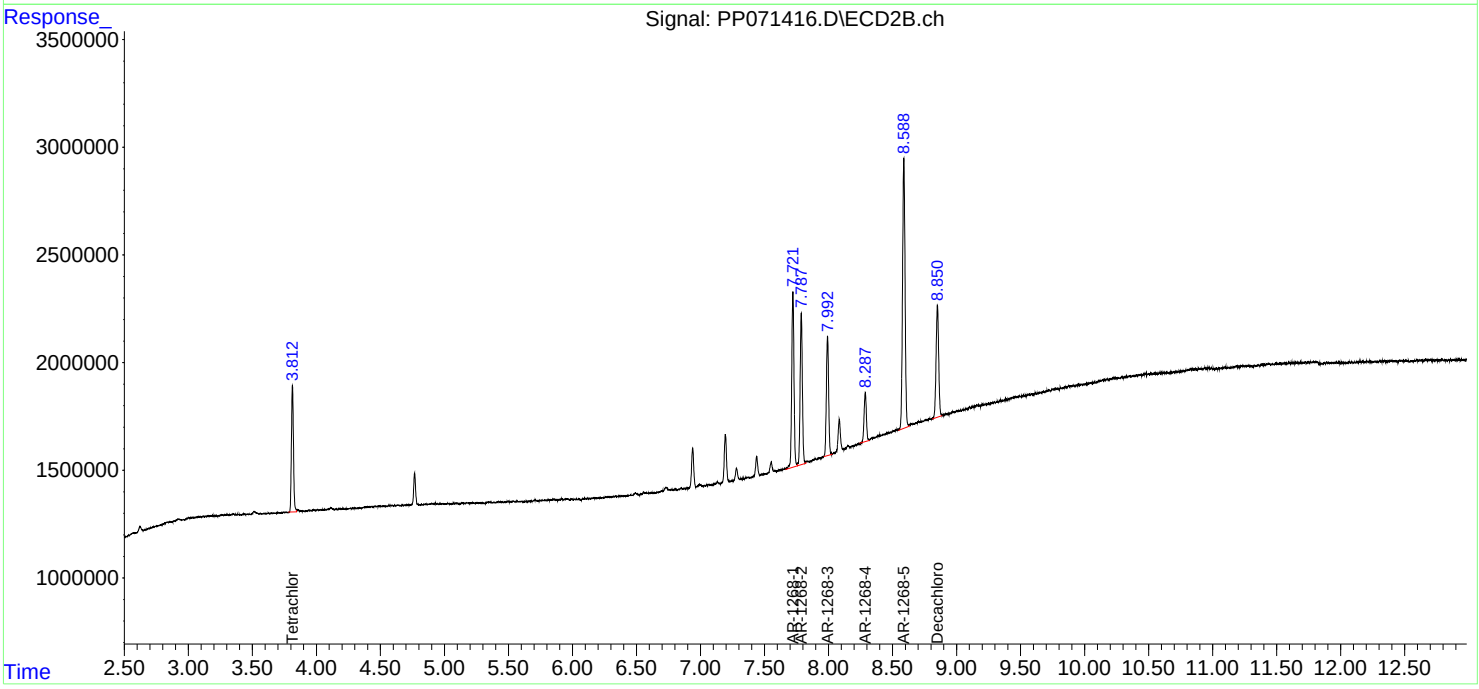
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071416.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 17:49
Operator : YP\AJ
Sample : AR1268ICC50
Misc :
ALS Vial : 30 Sample Multiplier: 1

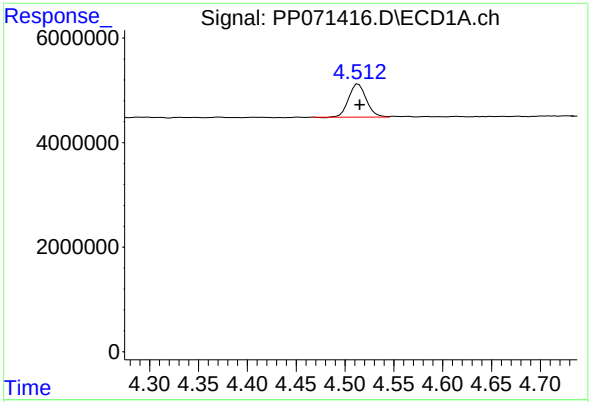
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 02:01:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 01:59:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



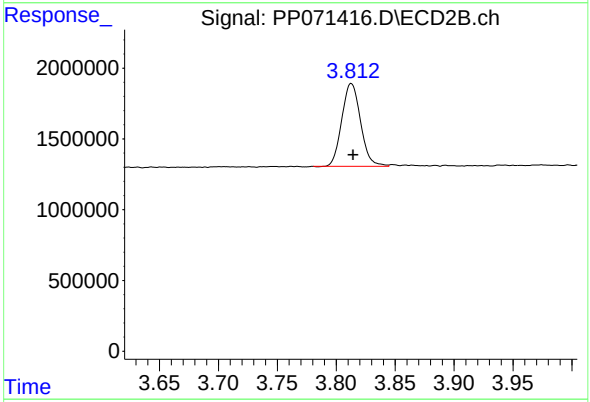




#1 Tetrachloro-m-xylene

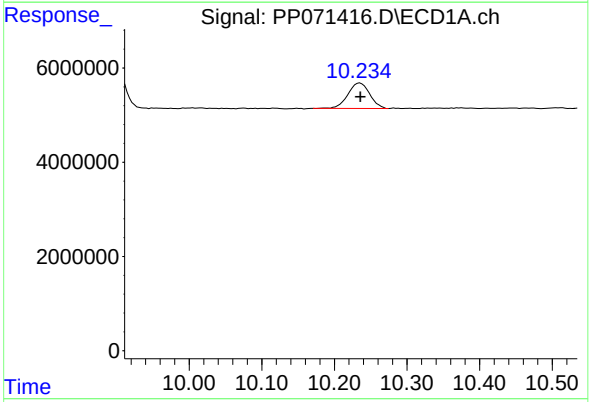
R.T.: 4.514 min
Delta R.T.: -0.001 min
Response: 7954830
Conc: 4.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



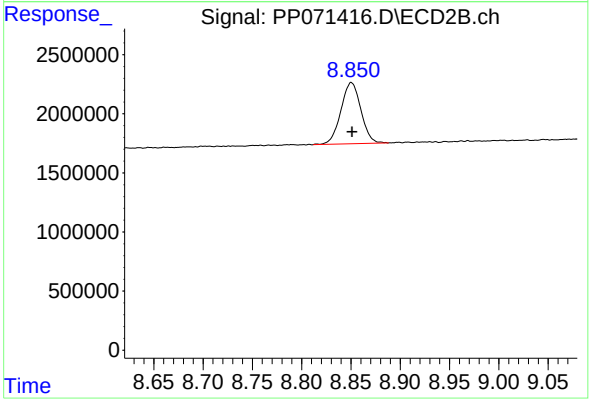
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: -0.001 min
Response: 6504410
Conc: 4.44 ng/ml



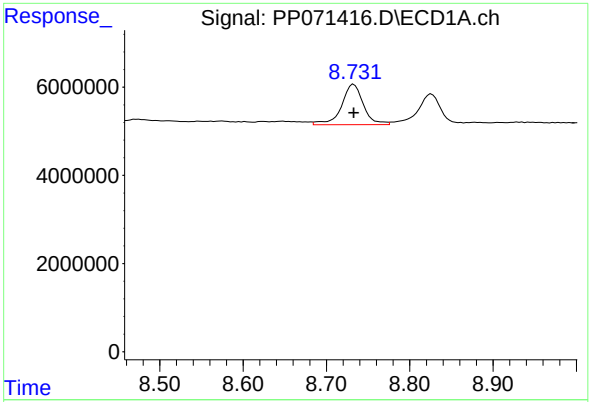
#2 Decachlorobiphenyl

R.T.: 10.235 min
Delta R.T.: 0.000 min
Response: 11316360
Conc: 4.24 ng/ml



#2 Decachlorobiphenyl

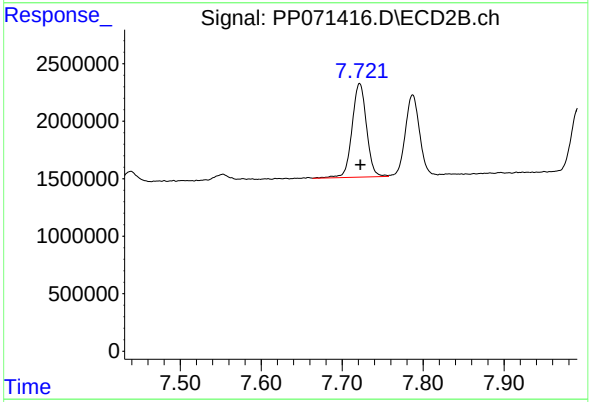
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 7324768
Conc: 4.57 ng/ml



#41 AR-1268-1

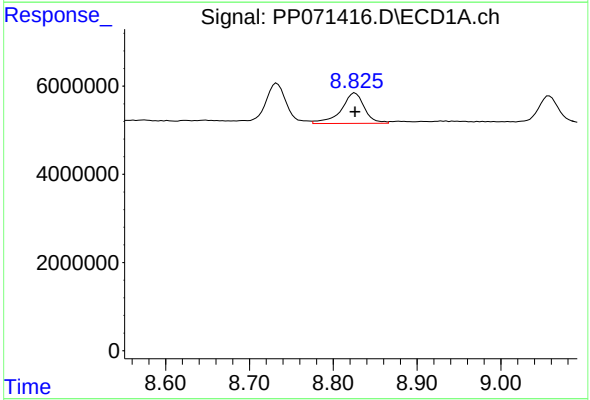
R.T.: 8.733 min
Delta R.T.: 0.000 min
Response: 16683982
Conc: 52.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



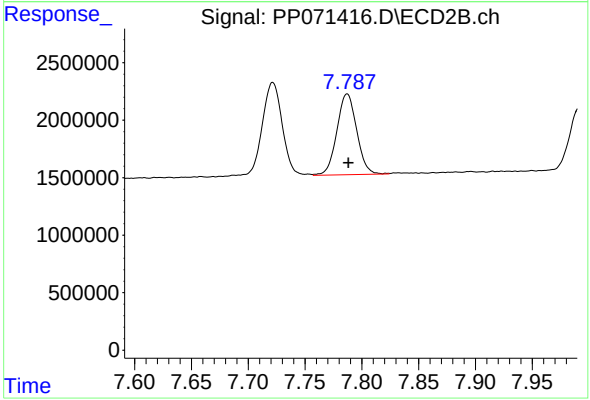
#41 AR-1268-1

R.T.: 7.722 min
Delta R.T.: 0.000 min
Response: 10087094
Conc: 49.69 ng/ml



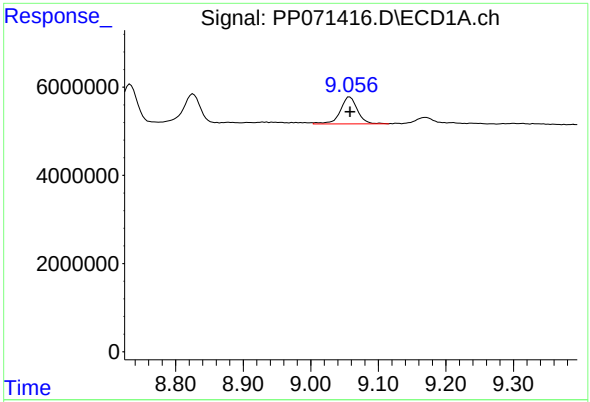
#42 AR-1268-2

R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 13400358
Conc: 50.01 ng/ml



#42 AR-1268-2

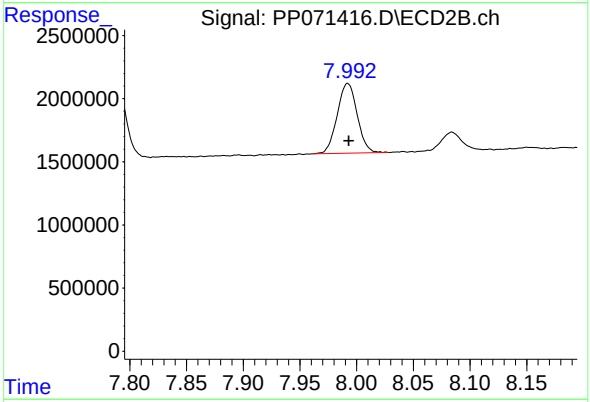
R.T.: 7.787 min
Delta R.T.: -0.001 min
Response: 8528068
Conc: 49.37 ng/ml



#43 AR-1268-3

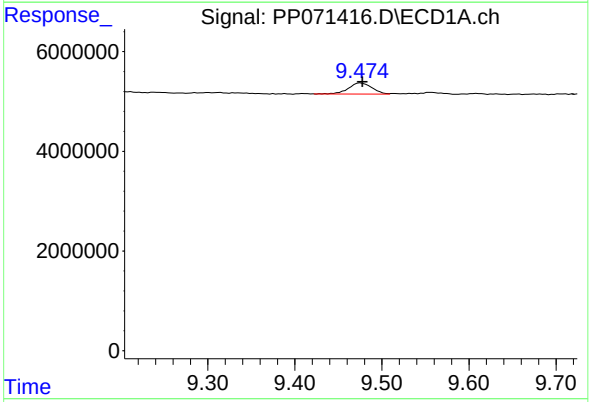
R.T.: 9.058 min
Delta R.T.: 0.000 min
Response: 10823544
Conc: 48.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



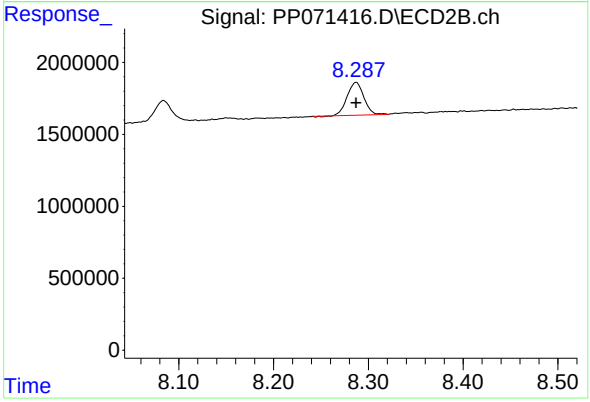
#43 AR-1268-3

R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 6773456
Conc: 47.34 ng/ml



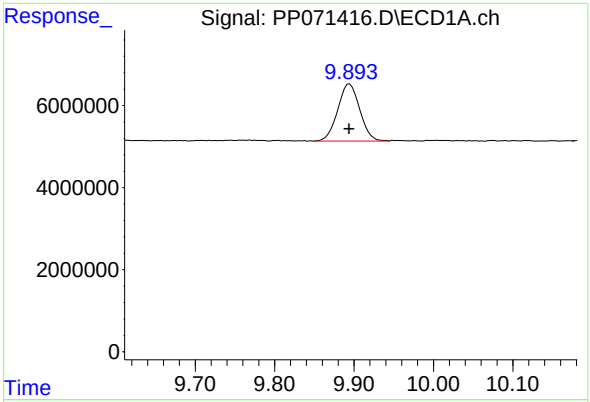
#44 AR-1268-4

R.T.: 9.476 min
Delta R.T.: -0.002 min
Response: 4136815
Conc: 41.78 ng/ml



#44 AR-1268-4

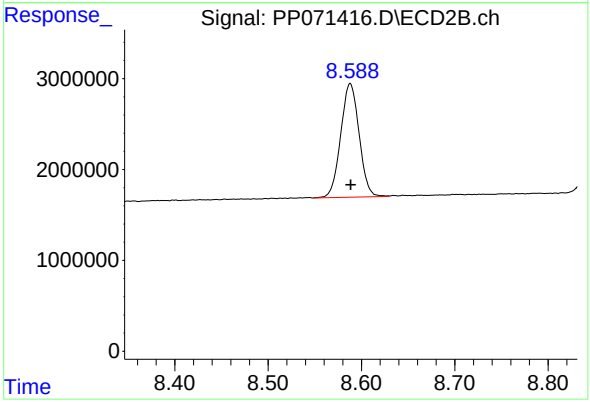
R.T.: 8.287 min
Delta R.T.: 0.000 min
Response: 2789666
Conc: 43.82 ng/ml



#45 AR-1268-5

R.T.: 9.894 min
Delta R.T.: 0.000 min
Response: 26835395
Conc: 43.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



#45 AR-1268-5

R.T.: 8.588 min
Delta R.T.: 0.000 min
Response: 17143092
Conc: 44.51 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071421.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 20:16
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 02:01:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 01:59:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.516	3.814	98428428	75098106	49.661	51.289
2)	SA Decachlor...	10.234	8.850	131.8E6	79464849	49.365	49.579
	Target Compounds						
41)	L9 AR-1268-1	8.733	7.722	157.9E6	99000808	493.783	487.721
42)	L9 AR-1268-2	8.827	7.788	132.3E6	84218105	493.704	487.500
43)	L9 AR-1268-3	9.058	7.992	112.3E6	69254815	498.379	484.016
44)	L9 AR-1268-4	9.477	8.286	48904008	30724632	493.945	482.619
45)	L9 AR-1268-5	9.894	8.588	309.0E6	189.8E6	497.455	492.818

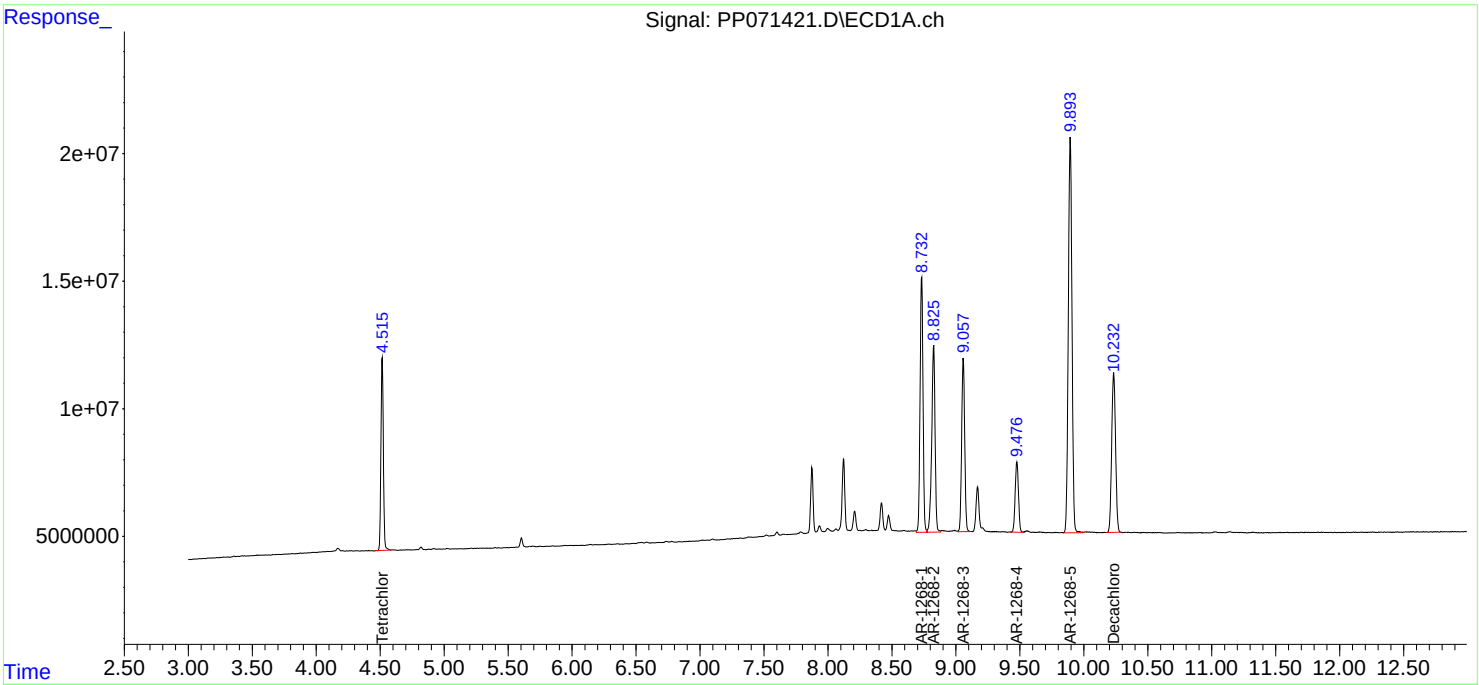
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

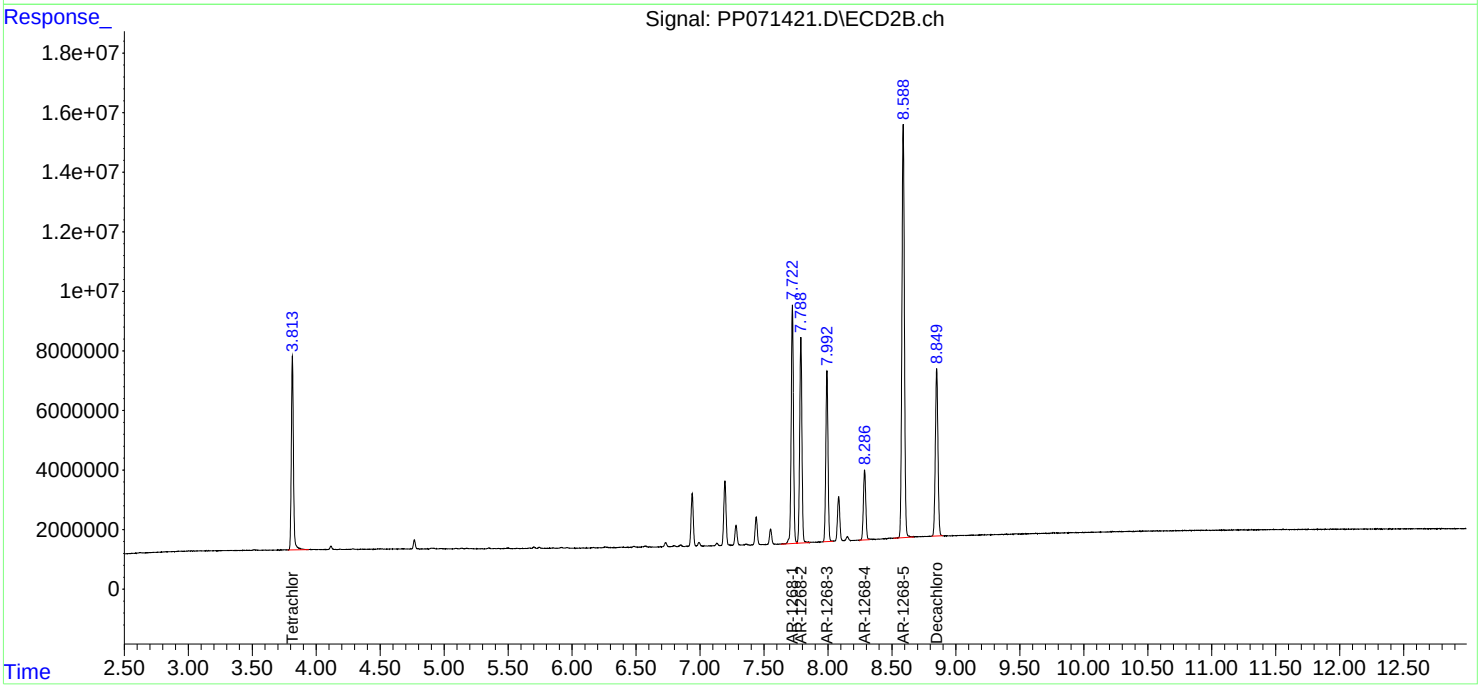
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071421.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 20:16
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

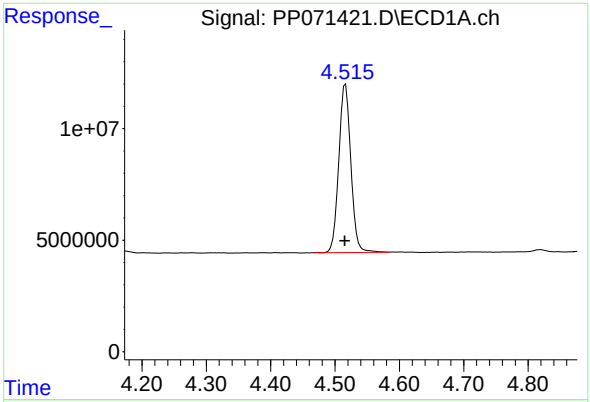
Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 02:01:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 01:59:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



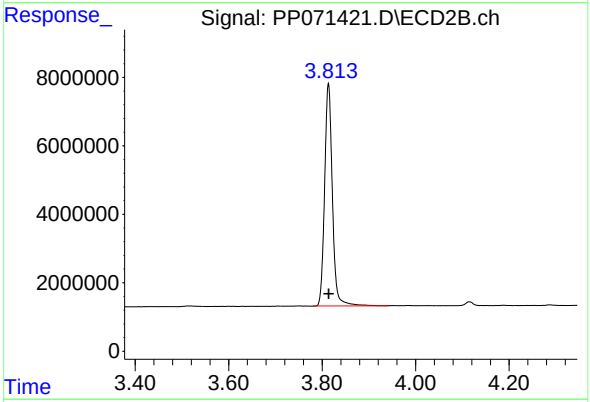




#1 Tetrachloro-m-xylene

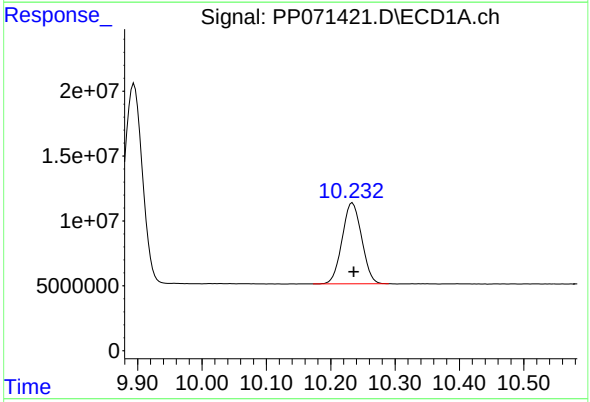
R.T.: 4.516 min
Delta R.T.: 0.001 min
Response: 98428428
Conc: 49.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1268



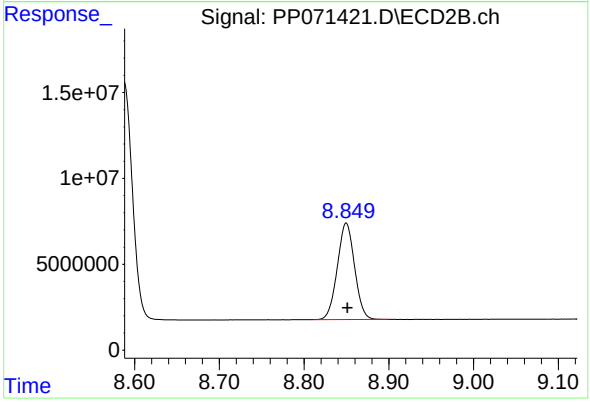
#1 Tetrachloro-m-xylene

R.T.: 3.814 min
Delta R.T.: 0.000 min
Response: 75098106
Conc: 51.29 ng/ml



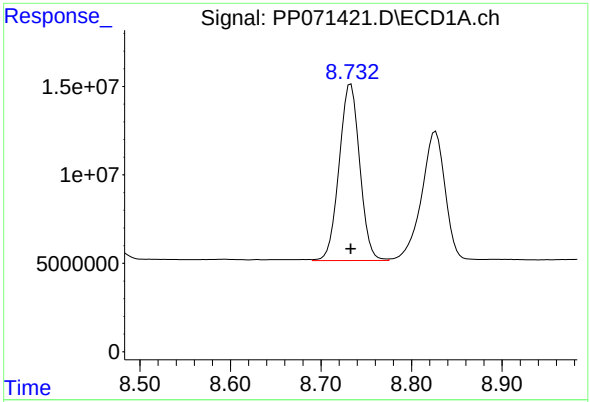
#2 Decachlorobiphenyl

R.T.: 10.234 min
Delta R.T.: -0.002 min
Response: 131775212
Conc: 49.36 ng/ml



#2 Decachlorobiphenyl

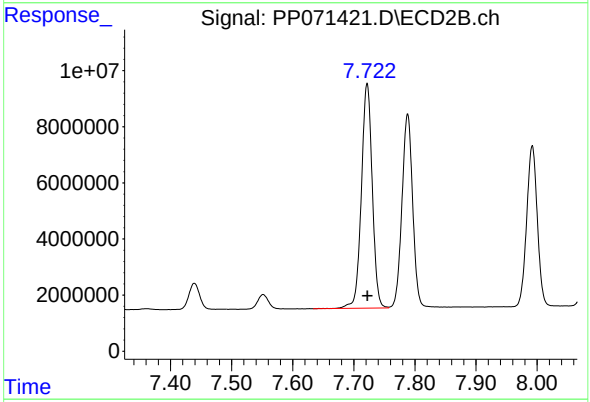
R.T.: 8.850 min
Delta R.T.: -0.001 min
Response: 79464849
Conc: 49.58 ng/ml



#41 AR-1268-1

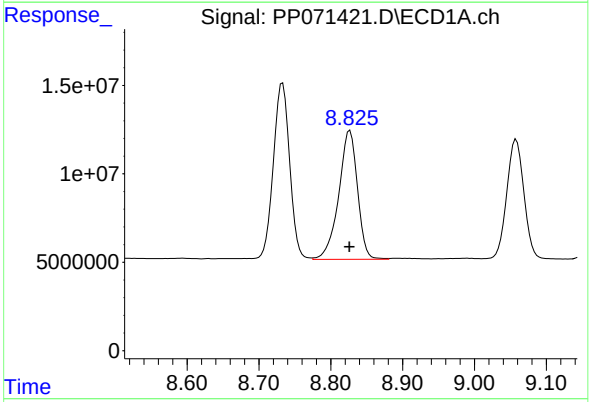
R.T.: 8.733 min
Delta R.T.: 0.000 min
Response: 157884565
Conc: 493.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1268



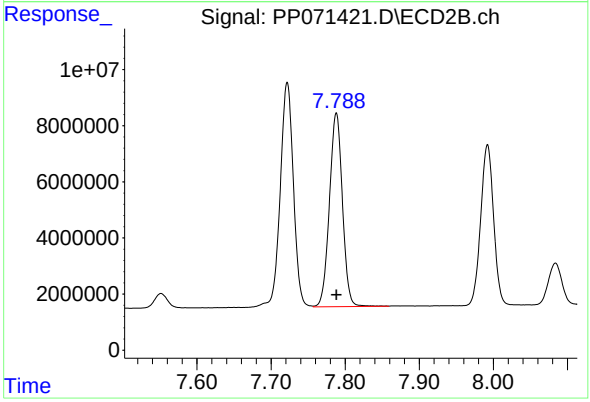
#41 AR-1268-1

R.T.: 7.722 min
Delta R.T.: 0.000 min
Response: 99000808
Conc: 487.72 ng/ml



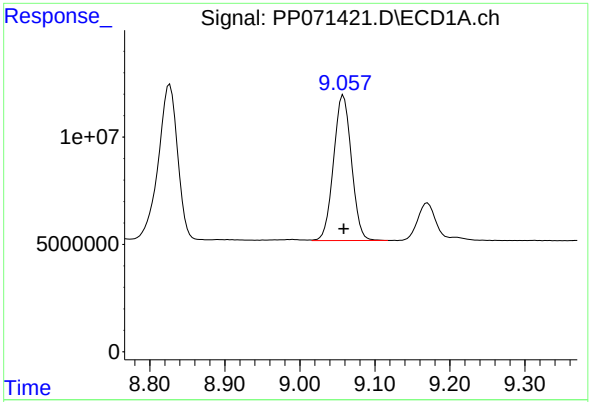
#42 AR-1268-2

R.T.: 8.827 min
Delta R.T.: 0.000 min
Response: 132293136
Conc: 493.70 ng/ml



#42 AR-1268-2

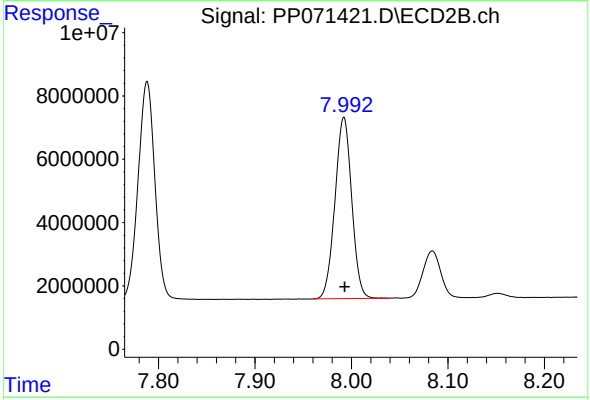
R.T.: 7.788 min
Delta R.T.: 0.000 min
Response: 84218105
Conc: 487.50 ng/ml



#43 AR-1268-3

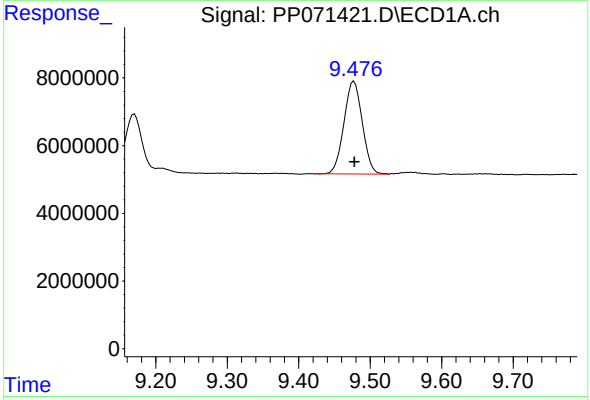
R.T.: 9.058 min
Delta R.T.: 0.000 min
Response: 112276971
Conc: 498.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1268



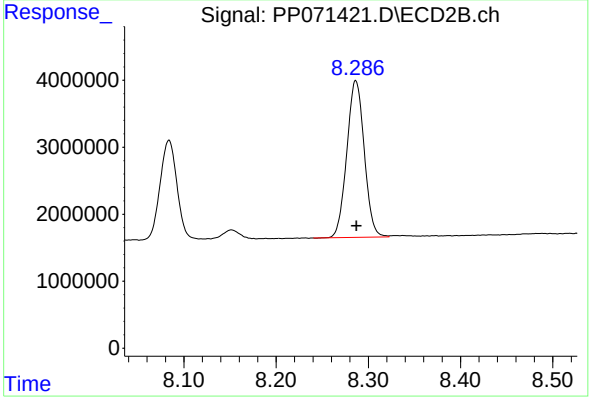
#43 AR-1268-3

R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 69254815
Conc: 484.02 ng/ml



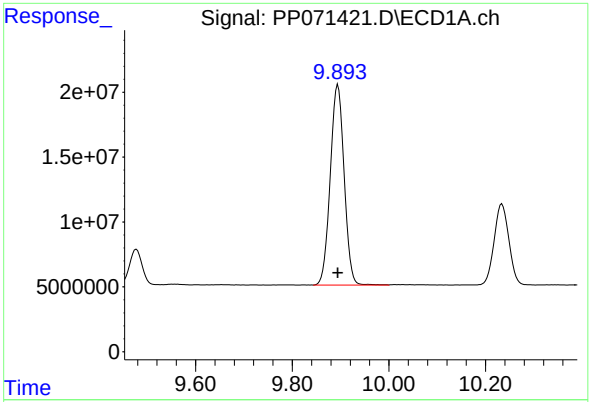
#44 AR-1268-4

R.T.: 9.477 min
Delta R.T.: 0.000 min
Response: 48904008
Conc: 493.94 ng/ml



#44 AR-1268-4

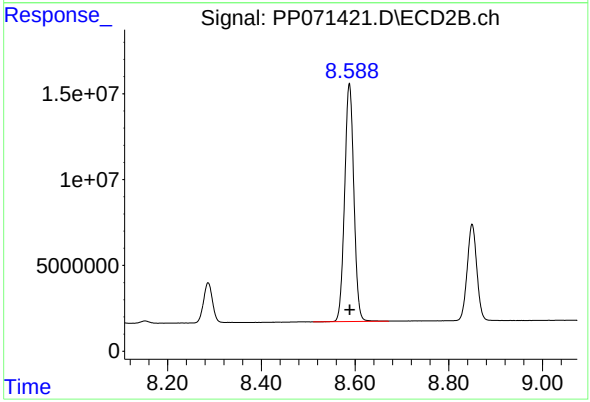
R.T.: 8.286 min
Delta R.T.: 0.000 min
Response: 30724632
Conc: 482.62 ng/ml



#45 AR-1268-5

R.T.: 9.894 min
Delta R.T.: 0.000 min
Response: 308950692
Conc: 497.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1268



#45 AR-1268-5

R.T.: 8.588 min
Delta R.T.: 0.000 min
Response: 189821225
Conc: 492.82 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071609.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 14:02
Operator : YP\AJ
Sample : Q1883-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-27-042325

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:24:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.510	3.809	33761773	28794813	17.029	20.442	
2)	SA Decachlor...	10.226	8.841	26088055	17112704	18.016	19.512	
	Target Compounds							
3)	L1 AR-1016-1	5.668	4.917	286119	205056	4.267	3.830	
4)	L1 AR-1016-2	5.691	4.917	524522	205056	5.111	2.685	#
5)	L1 AR-1016-3	5.747	5.085	266270	89157	4.319	2.112	#
6)	L1 AR-1016-4	5.848	5.138	169647	115129	3.307	3.338	
7)	L1 AR-1016-5	6.151	5.342	115160	276700	2.387	6.225	#
8)	L2 AR-1221-1	4.725	4.024	316504	71251	13.124	3.239	#
9)	L2 AR-1221-2	4.813	4.111	967283	639524	53.687	38.615	#
10)	L2 AR-1221-3	4.880	4.182	219814	157832	3.883	3.256	
11)	L3 AR-1232-1	4.880	4.182	219814	157832	4.894	4.119	
12)	L3 AR-1232-2	5.402	4.917	130535	205056	5.672	5.370	
13)	L3 AR-1232-3	5.691	5.085	524522	89157	11.109	4.210	#
14)	L3 AR-1232-4	5.848	5.170	169647	44302	7.319	2.389	#
15)	L3 AR-1232-5	5.937	5.342	179335	276700	11.107	13.903	#
16)	L4 AR-1242-1	5.668	4.917	286119	205056	5.224	4.434	
17)	L4 AR-1242-2	5.691	4.917	524522	205056	6.172	3.106	#
18)	L4 AR-1242-3	5.747	5.085	266270	89157	5.208	2.446	#
19)	L4 AR-1242-4	5.848	5.170	169647	44302	4.019	1.241	#
20)	L4 AR-1242-5	6.601	5.698	523633	334294	11.312	7.683	#
21)	L5 AR-1248-1	5.668	4.917	286119	205056	6.663	5.679	
22)	L5 AR-1248-2	5.937	5.138	179335	115129	2.968	2.351	
23)	L5 AR-1248-3	6.151	5.170	115160	44302	1.724	0.867	#
24)	L5 AR-1248-4	6.546	5.342	89957	276700	1.063	4.562	#
25)	L5 AR-1248-5	6.601	5.731	523633	55172	6.591	0.946	#
26)	L6 AR-1254-1	6.506	5.698	238526	334294	2.911	3.657	#
27)	L6 AR-1254-2	6.728	5.845	456544	325858	3.593	4.140	
28)	L6 AR-1254-3	7.094	6.260	950671	775127	7.440	6.541	
29)	L6 AR-1254-4	7.386	6.486	542643	490400	4.618	6.355	#
30)	L6 AR-1254-5	7.795	6.892	601427	213508	5.583	2.104	#
31)	L7 AR-1260-1	7.265	6.380	2769580	255574	28.842	3.535	#
32)	L7 AR-1260-2	7.522	6.552	492136	582068	3.440	6.655	#
33)	L7 AR-1260-3	7.874	6.722	940428	220256	8.389	2.810	#
34)	L7 AR-1260-4	8.112	7.191	868017	59393	7.691	0.941	#
35)	L7 AR-1260-5	8.415	7.439	1832855	208753	8.089	1.385	#
36)	L8 AR-1262-1	8.112	6.934	868017	114380	6.007	1.007	#
37)	L8 AR-1262-2	8.415	7.191	1832855	59393	6.685	0.643	#
38)	L8 AR-1262-3	8.731	7.722	1876576	134180	10.261	1.773	#
39)	L8 AR-1262-4	8.816	7.777	819418	192270	6.105	1.540	#
40)	L8 AR-1262-5	9.448	8.305	215278	106825	2.442	1.925	
41)	L9 AR-1268-1	8.731	7.722	1876576	134180	6.040	0.672	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071609.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 14:02
Operator : YP\AJ
Sample : Q1883-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-27-042325

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:24:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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
42)	L9 AR-1268-2	8.834	7.777	496482	192270	1.926	1.138 #
43)	L9 AR-1268-3	9.057	7.992	492600	78237	2.210	0.562 #
44)	L9 AR-1268-4	9.448	8.305	215278	106825	2.289	1.757
45)	L9 AR-1268-5	9.888	8.580	304029	192793	0.508	0.516

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

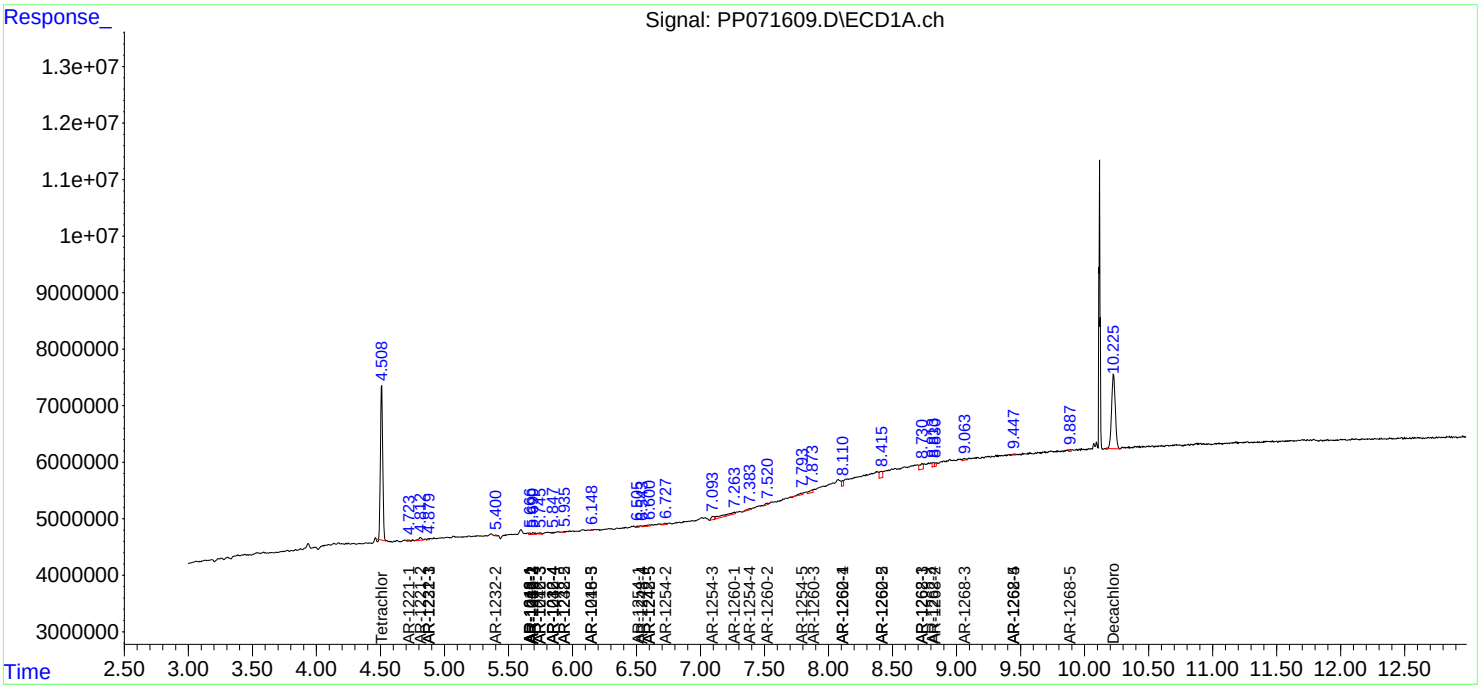
Quantitation Report (Not Reviewed)

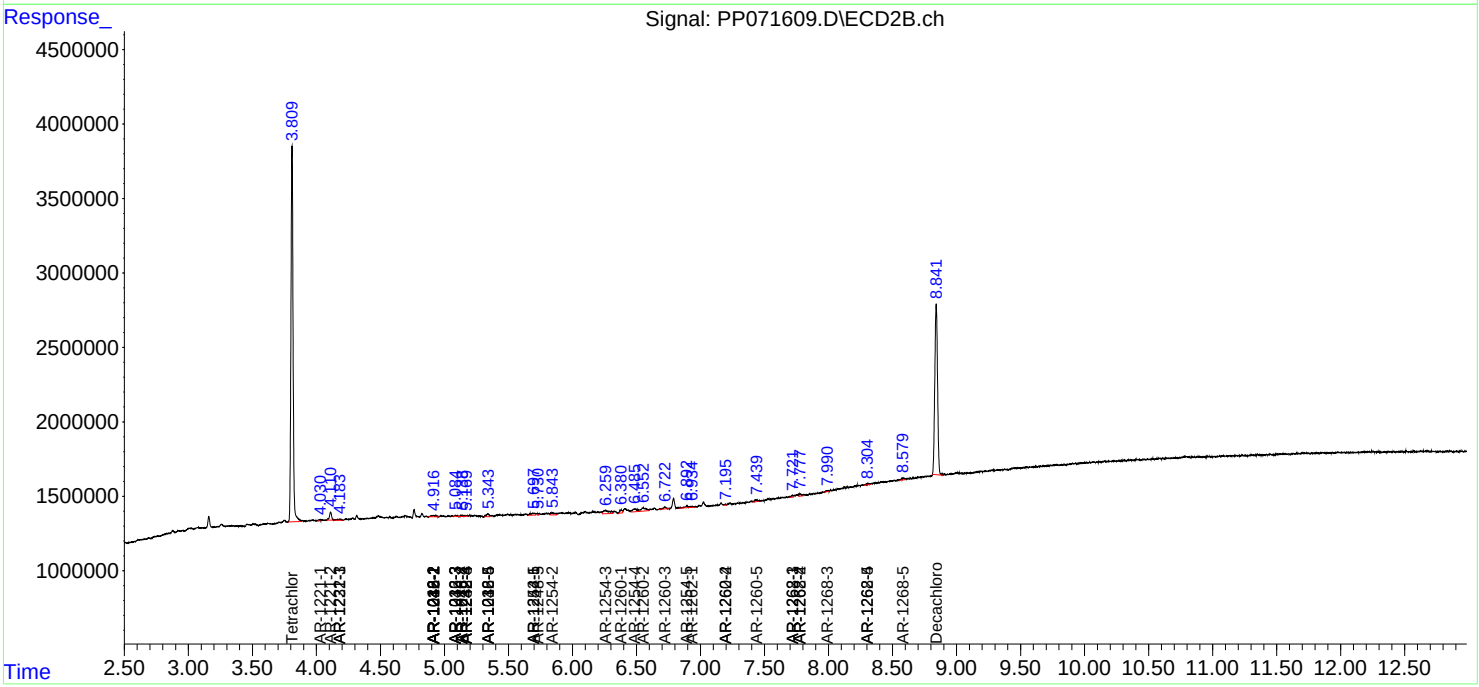
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071609.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 14:02
Operator : YP\AJ
Sample : Q1883-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

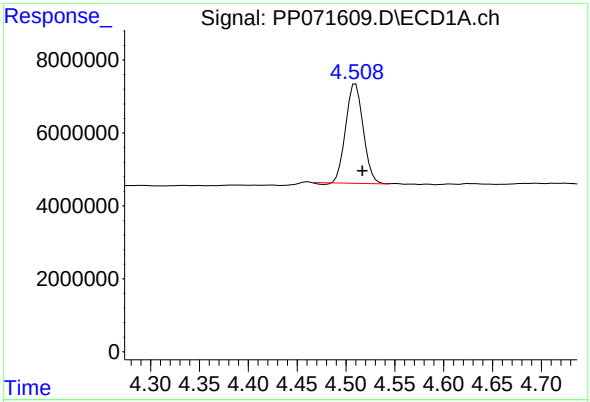
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-27-042325

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:24:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



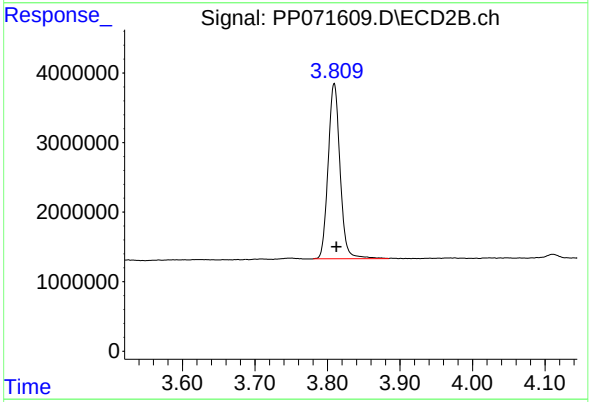




#1 Tetrachloro-m-xylene

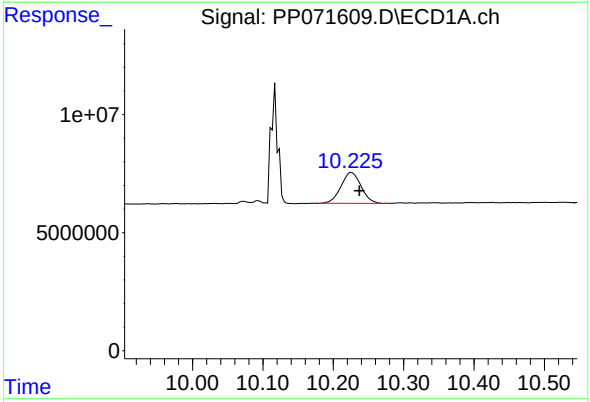
R.T.: 4.510 min
Delta R.T.: -0.007 min
Response: 33761773
Conc: 17.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-27-042325



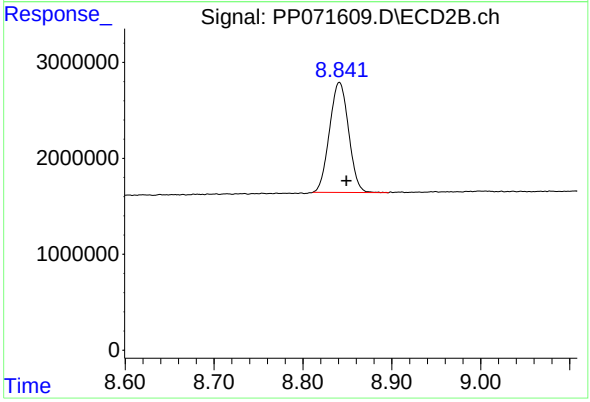
#1 Tetrachloro-m-xylene

R.T.: 3.809 min
Delta R.T.: -0.003 min
Response: 28794813
Conc: 20.44 ng/ml



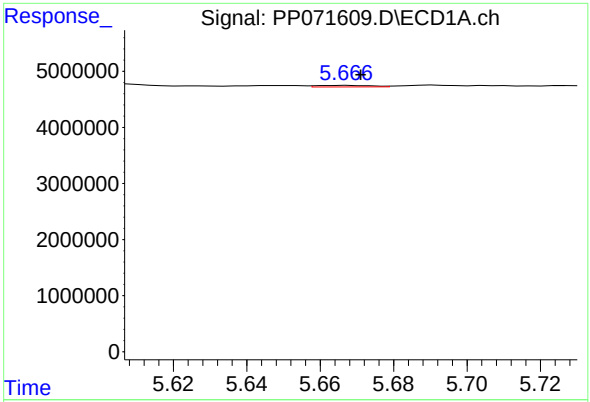
#2 Decachlorobiphenyl

R.T.: 10.226 min
Delta R.T.: -0.011 min
Response: 26088055
Conc: 18.02 ng/ml



#2 Decachlorobiphenyl

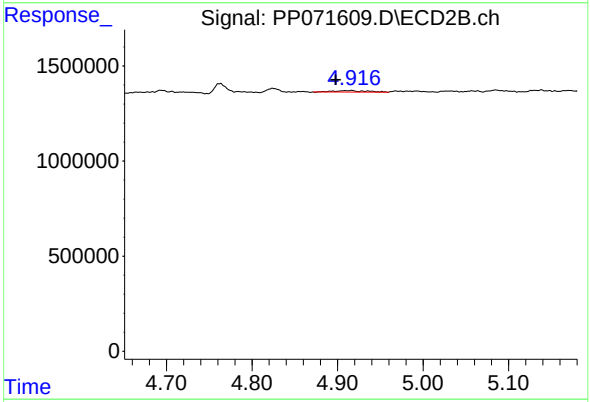
R.T.: 8.841 min
Delta R.T.: -0.008 min
Response: 17112704
Conc: 19.51 ng/ml



#3 AR-1016-1

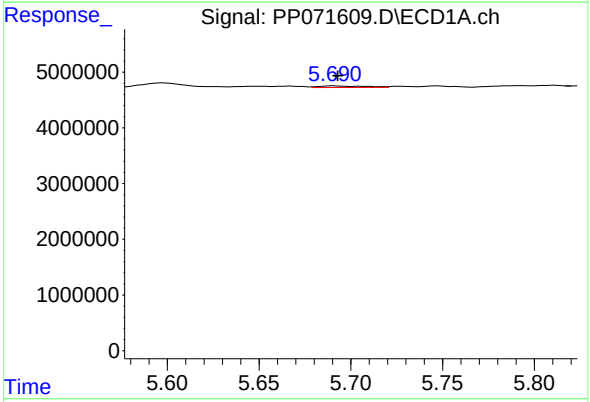
R.T.: 5.668 min
Delta R.T.: -0.003 min
Response: 286119
Conc: 4.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-27-042325



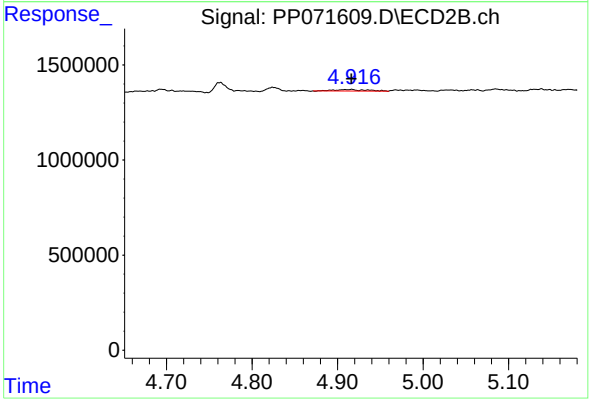
#3 AR-1016-1

R.T.: 4.917 min
Delta R.T.: 0.019 min
Response: 205056
Conc: 3.83 ng/ml



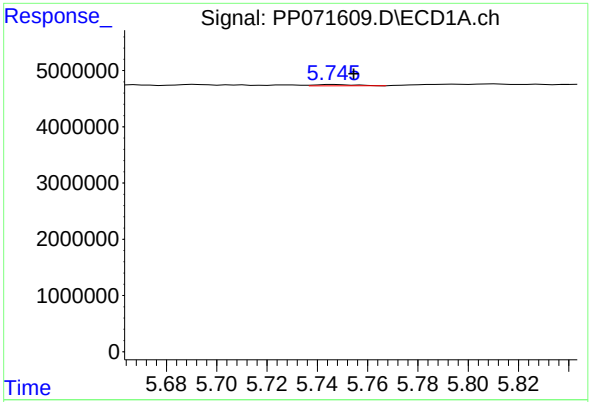
#4 AR-1016-2

R.T.: 5.691 min
Delta R.T.: -0.002 min
Response: 524522
Conc: 5.11 ng/ml



#4 AR-1016-2

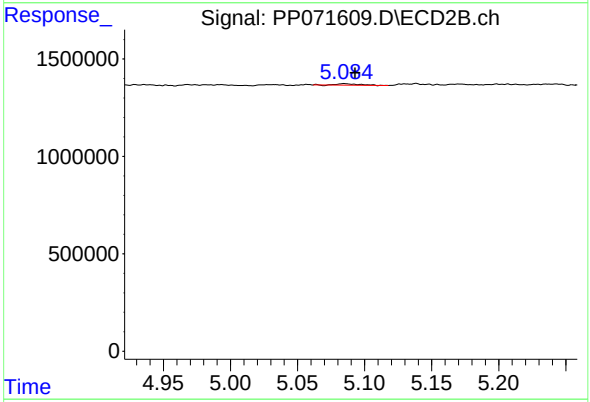
R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 205056
Conc: 2.69 ng/ml



#5 AR-1016-3

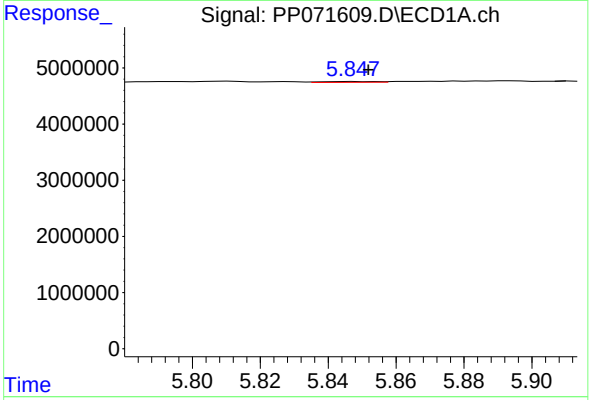
R.T.: 5.747 min
Delta R.T.: -0.008 min
Response: 266270
Conc: 4.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-27-042325



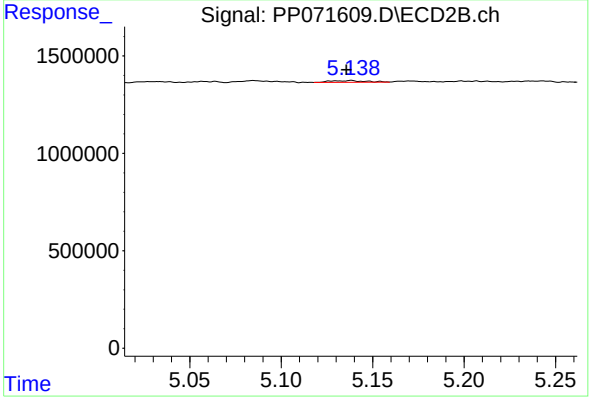
#5 AR-1016-3

R.T.: 5.085 min
Delta R.T.: -0.008 min
Response: 89157
Conc: 2.11 ng/ml



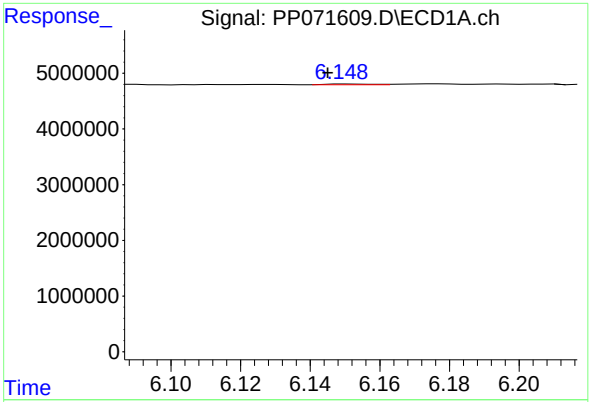
#6 AR-1016-4

R.T.: 5.848 min
Delta R.T.: -0.004 min
Response: 169647
Conc: 3.31 ng/ml



#6 AR-1016-4

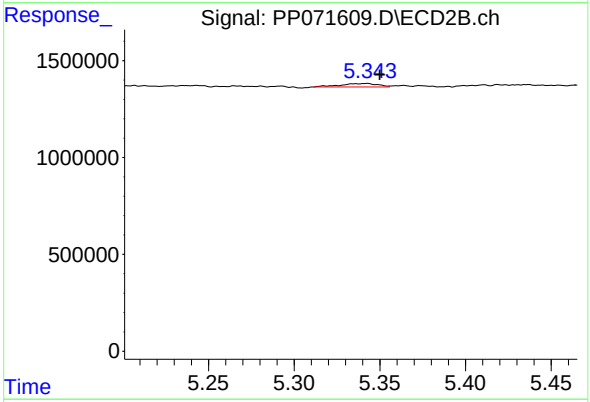
R.T.: 5.138 min
Delta R.T.: 0.003 min
Response: 115129
Conc: 3.34 ng/ml



#7 AR-1016-5

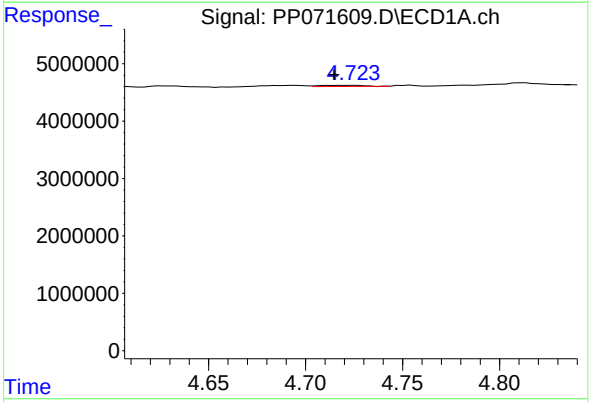
R.T.: 6.151 min
Delta R.T.: 0.005 min
Response: 115160
Conc: 2.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-27-042325



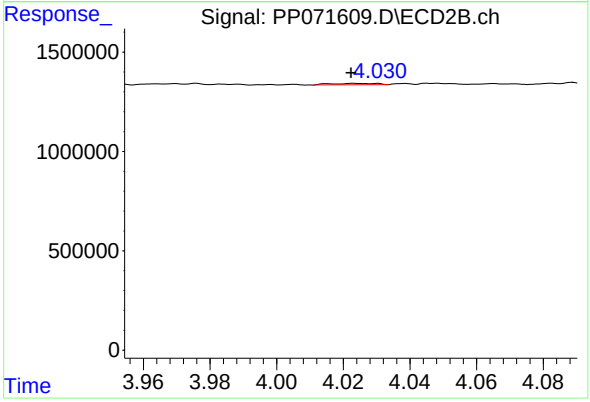
#7 AR-1016-5

R.T.: 5.342 min
Delta R.T.: -0.008 min
Response: 276700
Conc: 6.23 ng/ml



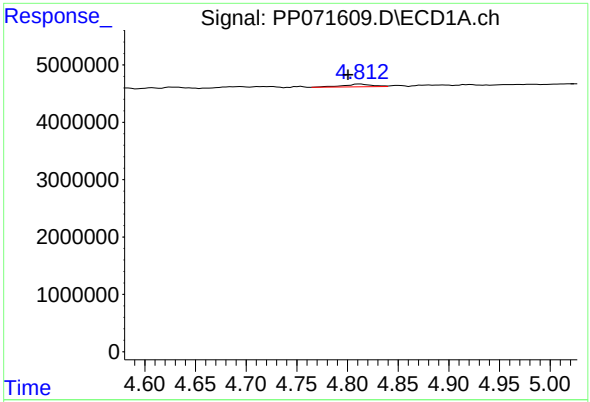
#8 AR-1221-1

R.T.: 4.725 min
Delta R.T.: 0.011 min
Response: 316504
Conc: 13.12 ng/ml



#8 AR-1221-1

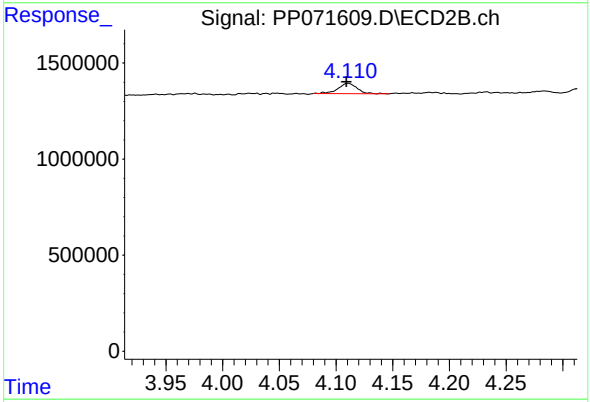
R.T.: 4.024 min
Delta R.T.: 0.001 min
Response: 71251
Conc: 3.24 ng/ml



#9 AR-1221-2

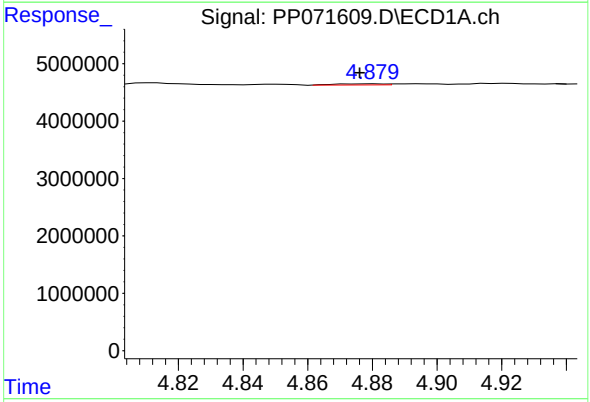
R.T.: 4.813 min
Delta R.T.: 0.013 min
Response: 967283
Conc: 53.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-27-042325



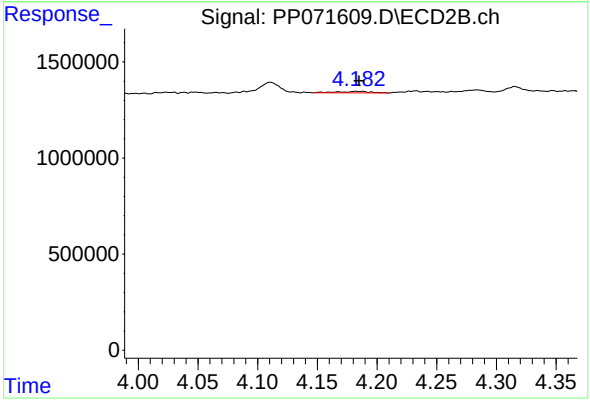
#9 AR-1221-2

R.T.: 4.111 min
Delta R.T.: 0.001 min
Response: 639524
Conc: 38.61 ng/ml



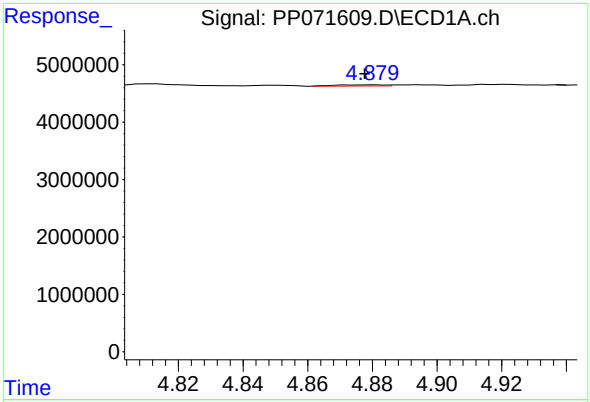
#10 AR-1221-3

R.T.: 4.880 min
Delta R.T.: 0.004 min
Response: 219814
Conc: 3.88 ng/ml



#10 AR-1221-3

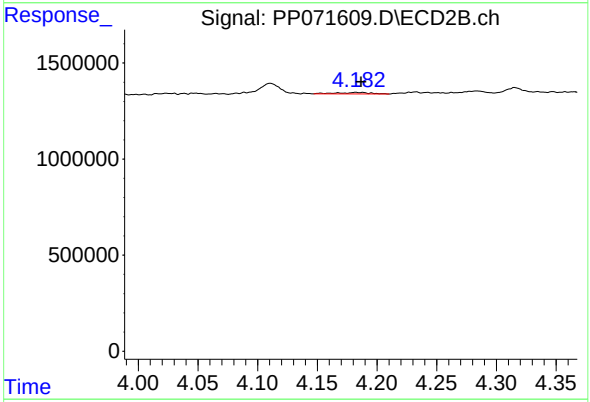
R.T.: 4.182 min
Delta R.T.: -0.003 min
Response: 157832
Conc: 3.26 ng/ml



#11 AR-1232-1

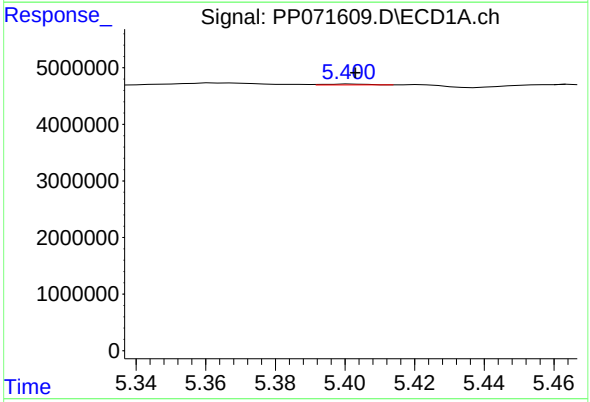
R.T.: 4.880 min
Delta R.T.: 0.003 min
Response: 219814
Conc: 4.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-27-042325



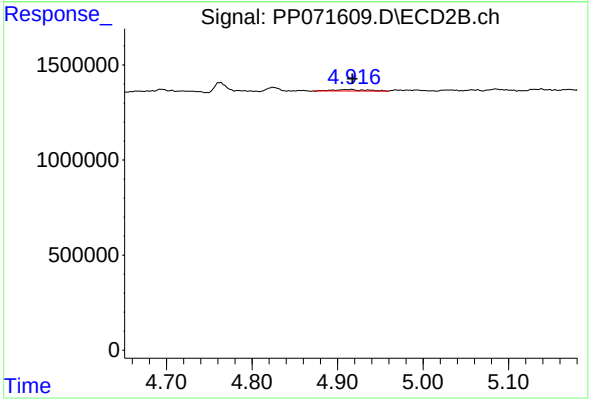
#11 AR-1232-1

R.T.: 4.182 min
Delta R.T.: -0.004 min
Response: 157832
Conc: 4.12 ng/ml



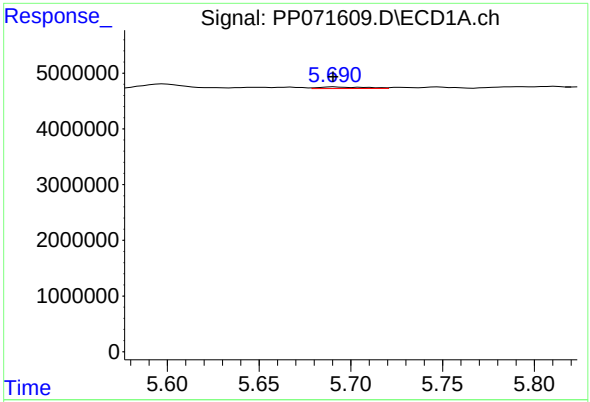
#12 AR-1232-2

R.T.: 5.402 min
Delta R.T.: -0.001 min
Response: 130535
Conc: 5.67 ng/ml



#12 AR-1232-2

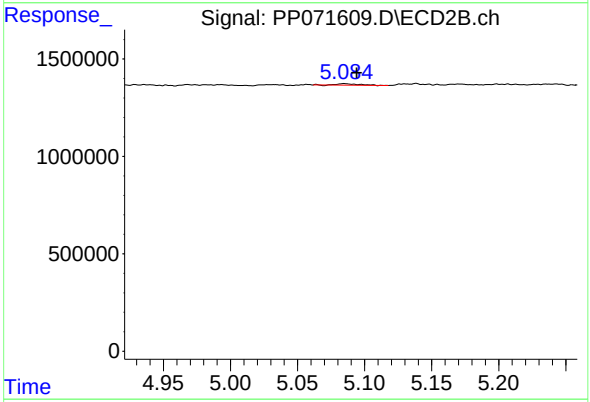
R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 205056
Conc: 5.37 ng/ml



#13 AR-1232-3

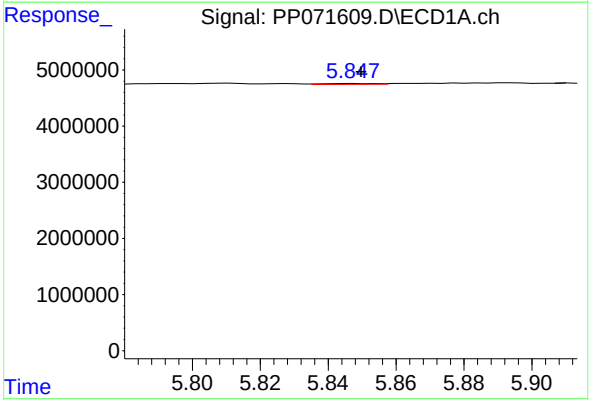
R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 524522
Conc: 11.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-27-042325



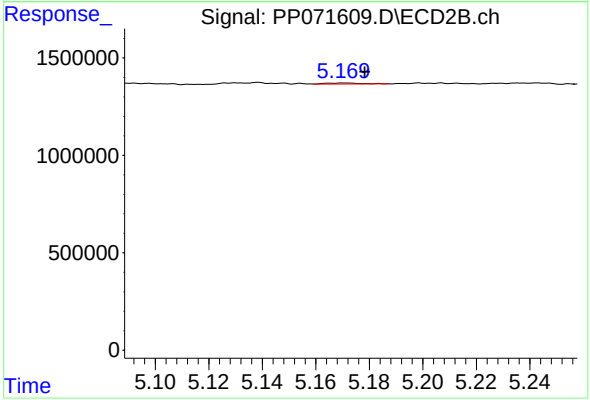
#13 AR-1232-3

R.T.: 5.085 min
Delta R.T.: -0.009 min
Response: 89157
Conc: 4.21 ng/ml



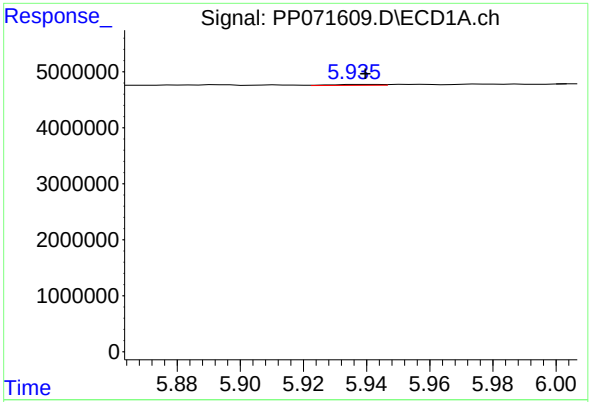
#14 AR-1232-4

R.T.: 5.848 min
Delta R.T.: -0.002 min
Response: 169647
Conc: 7.32 ng/ml



#14 AR-1232-4

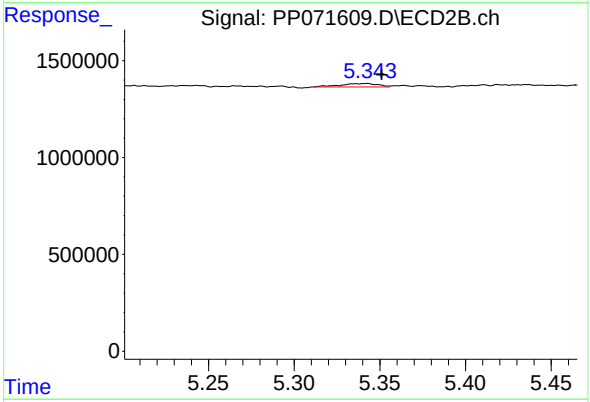
R.T.: 5.170 min
Delta R.T.: -0.008 min
Response: 44302
Conc: 2.39 ng/ml



#15 AR-1232-5

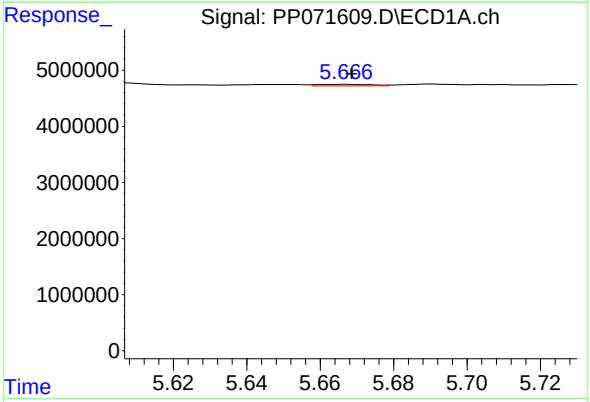
R.T.: 5.937 min
Delta R.T.: -0.002 min
Response: 179335
Conc: 11.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-27-042325



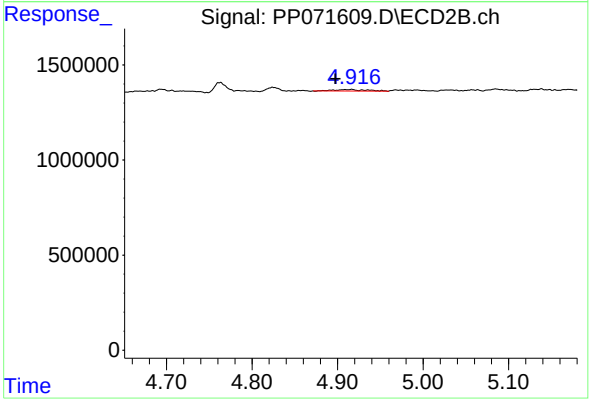
#15 AR-1232-5

R.T.: 5.342 min
Delta R.T.: -0.009 min
Response: 276700
Conc: 13.90 ng/ml



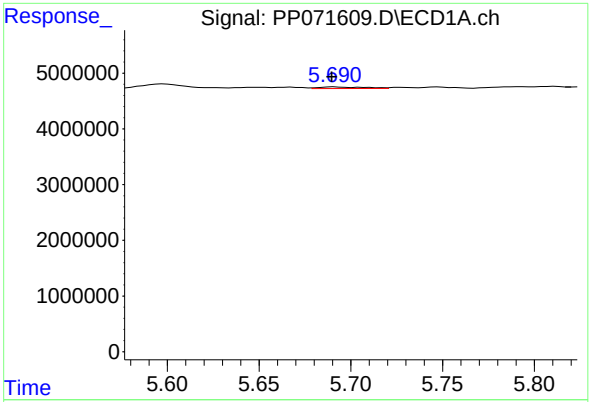
#16 AR-1242-1

R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 286119
Conc: 5.22 ng/ml



#16 AR-1242-1

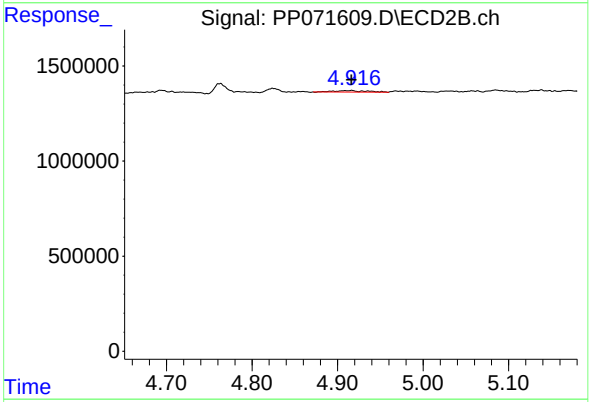
R.T.: 4.917 min
Delta R.T.: 0.019 min
Response: 205056
Conc: 4.43 ng/ml



#17 AR-1242-2

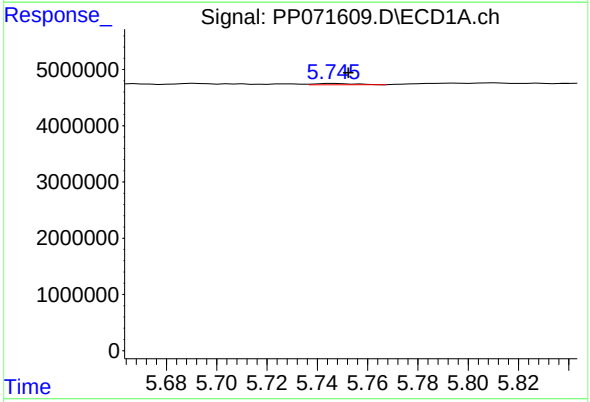
R.T.: 5.691 min
Delta R.T.: 0.002 min
Response: 524522
Conc: 6.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-27-042325



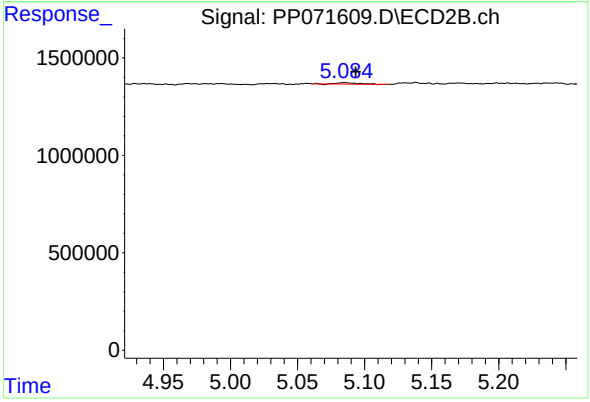
#17 AR-1242-2

R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 205056
Conc: 3.11 ng/ml



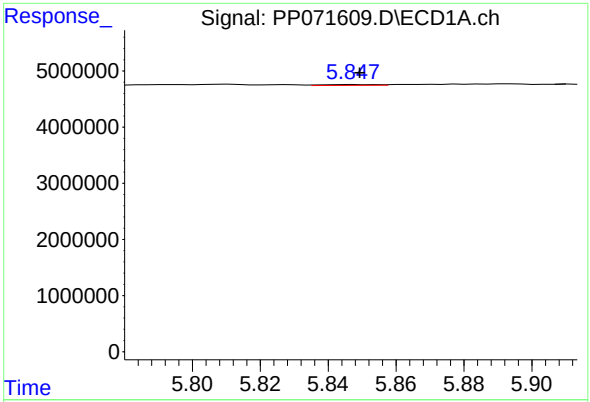
#18 AR-1242-3

R.T.: 5.747 min
Delta R.T.: -0.005 min
Response: 266270
Conc: 5.21 ng/ml



#18 AR-1242-3

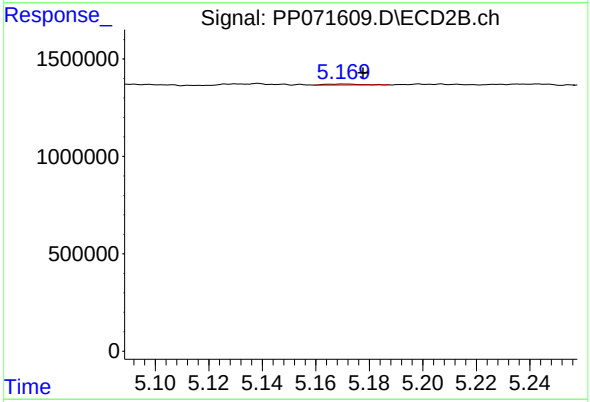
R.T.: 5.085 min
Delta R.T.: -0.008 min
Response: 89157
Conc: 2.45 ng/ml



#19 AR-1242-4

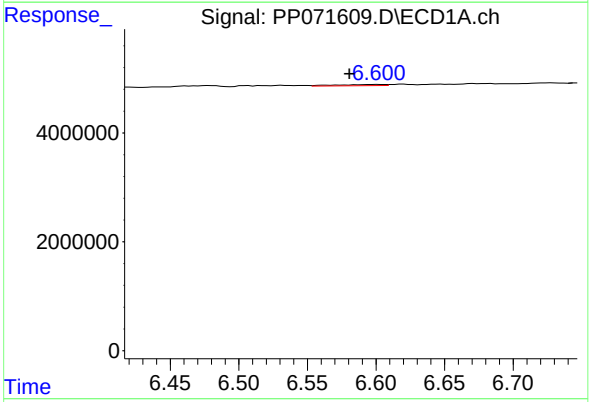
R.T.: 5.848 min
Delta R.T.: -0.002 min
Response: 169647
Conc: 4.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-27-042325



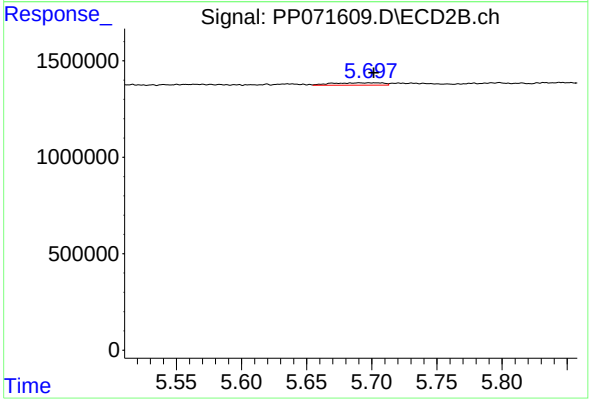
#19 AR-1242-4

R.T.: 5.170 min
Delta R.T.: -0.007 min
Response: 44302
Conc: 1.24 ng/ml



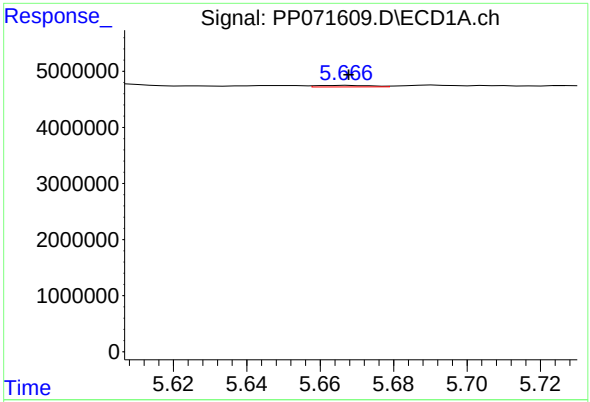
#20 AR-1242-5

R.T.: 6.601 min
Delta R.T.: 0.021 min
Response: 523633
Conc: 11.31 ng/ml



#20 AR-1242-5

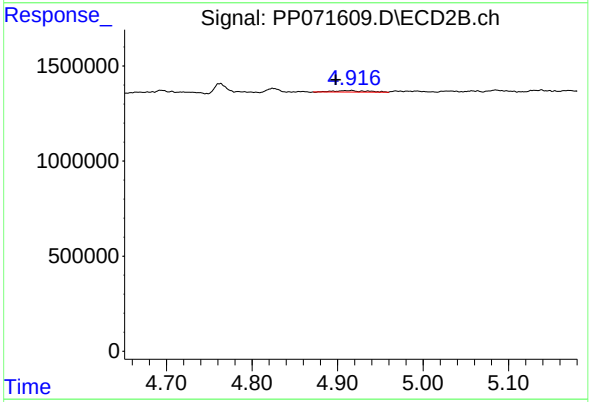
R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 334294
Conc: 7.68 ng/ml



#21 AR-1248-1

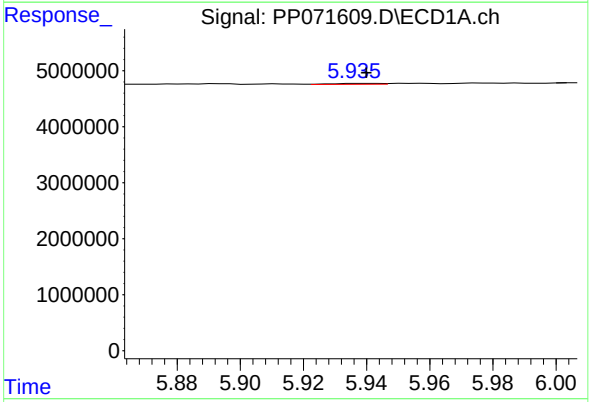
R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 286119
Conc: 6.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-27-042325



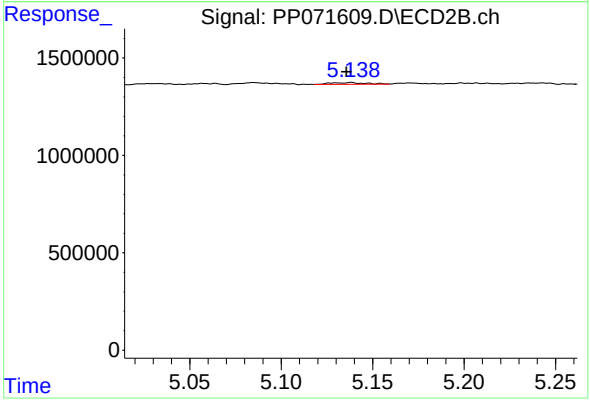
#21 AR-1248-1

R.T.: 4.917 min
Delta R.T.: 0.019 min
Response: 205056
Conc: 5.68 ng/ml



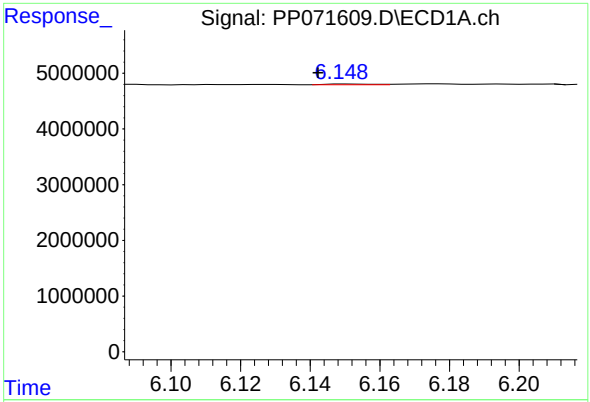
#22 AR-1248-2

R.T.: 5.937 min
Delta R.T.: -0.003 min
Response: 179335
Conc: 2.97 ng/ml



#22 AR-1248-2

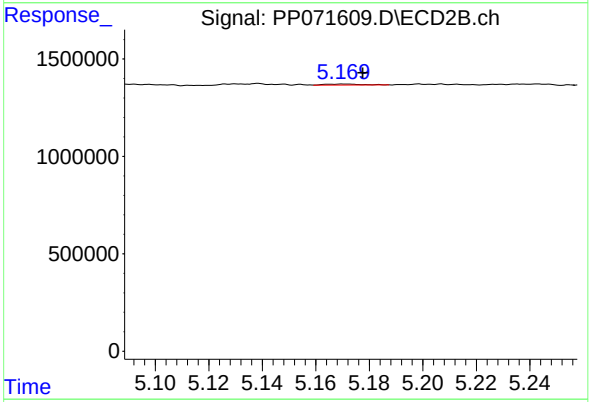
R.T.: 5.138 min
Delta R.T.: 0.003 min
Response: 115129
Conc: 2.35 ng/ml



#23 AR-1248-3

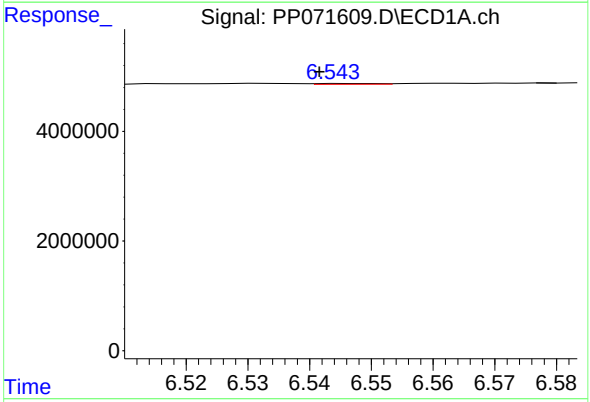
R.T.: 6.151 min
Delta R.T.: 0.008 min
Response: 115160
Conc: 1.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-27-042325



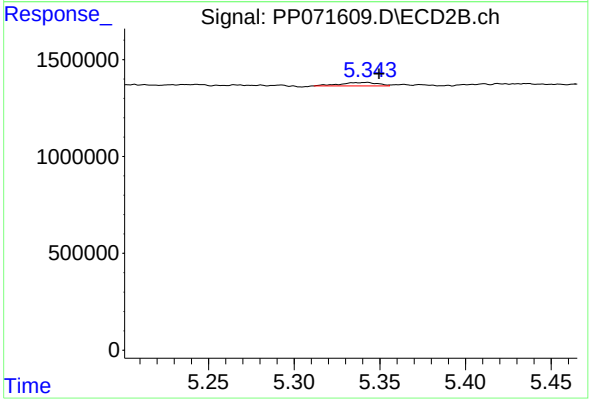
#23 AR-1248-3

R.T.: 5.170 min
Delta R.T.: -0.007 min
Response: 44302
Conc: 0.87 ng/ml



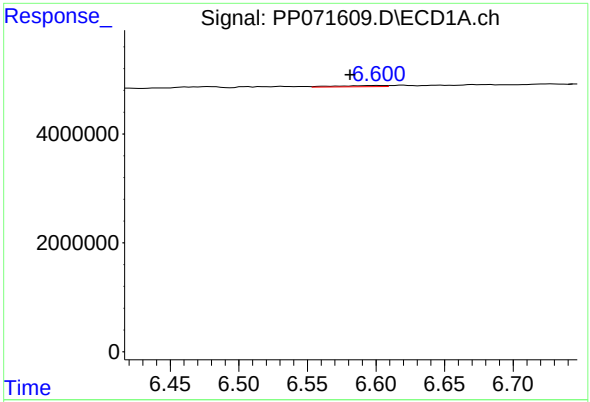
#24 AR-1248-4

R.T.: 6.546 min
Delta R.T.: 0.004 min
Response: 89957
Conc: 1.06 ng/ml



#24 AR-1248-4

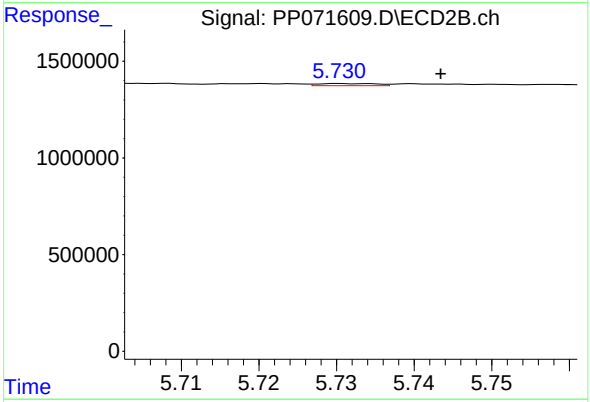
R.T.: 5.342 min
Delta R.T.: -0.007 min
Response: 276700
Conc: 4.56 ng/ml



#25 AR-1248-5

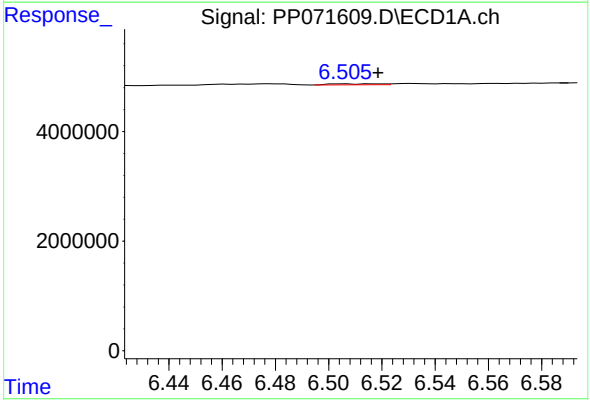
R.T.: 6.601 min
Delta R.T.: 0.020 min
Response: 523633
Conc: 6.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-27-042325



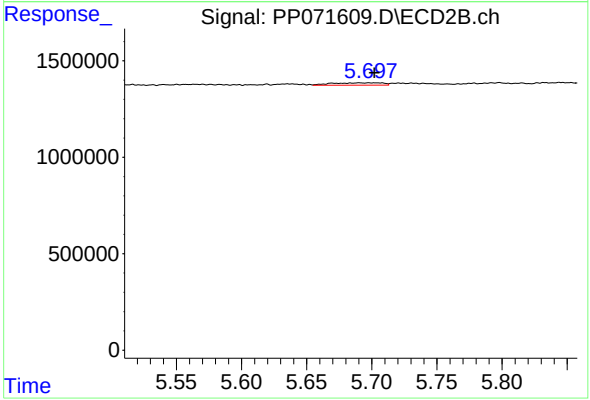
#25 AR-1248-5

R.T.: 5.731 min
Delta R.T.: -0.012 min
Response: 55172
Conc: 0.95 ng/ml



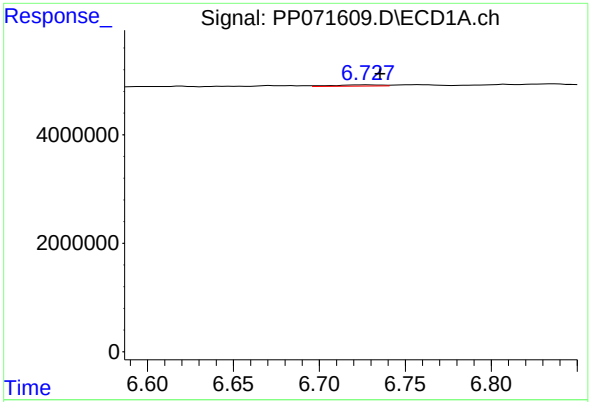
#26 AR-1254-1

R.T.: 6.506 min
Delta R.T.: -0.013 min
Response: 238526
Conc: 2.91 ng/ml



#26 AR-1254-1

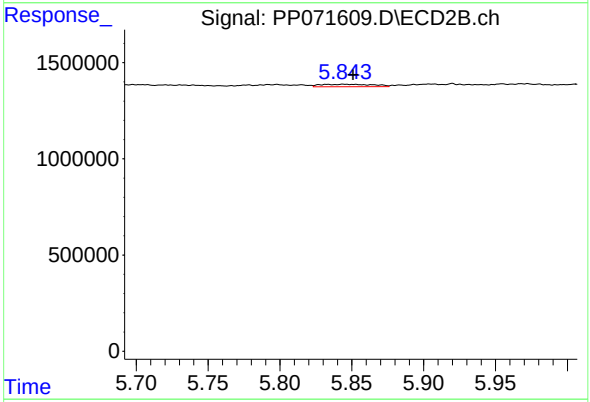
R.T.: 5.698 min
Delta R.T.: -0.004 min
Response: 334294
Conc: 3.66 ng/ml



#27 AR-1254-2

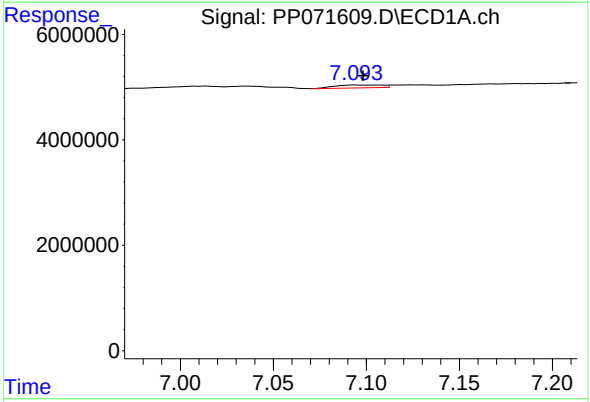
R.T.: 6.728 min
Delta R.T.: -0.007 min
Response: 456544
Conc: 3.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-27-042325



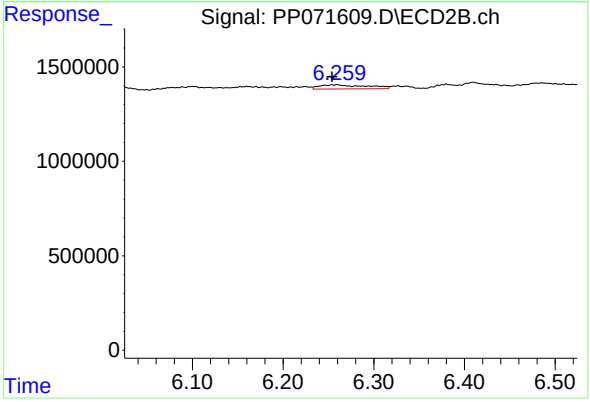
#27 AR-1254-2

R.T.: 5.845 min
Delta R.T.: -0.006 min
Response: 325858
Conc: 4.14 ng/ml



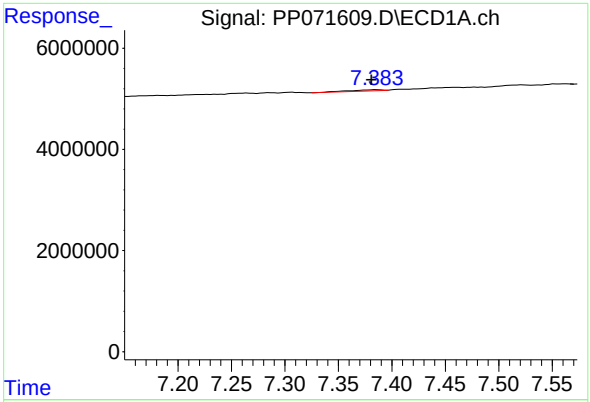
#28 AR-1254-3

R.T.: 7.094 min
Delta R.T.: -0.004 min
Response: 950671
Conc: 7.44 ng/ml



#28 AR-1254-3

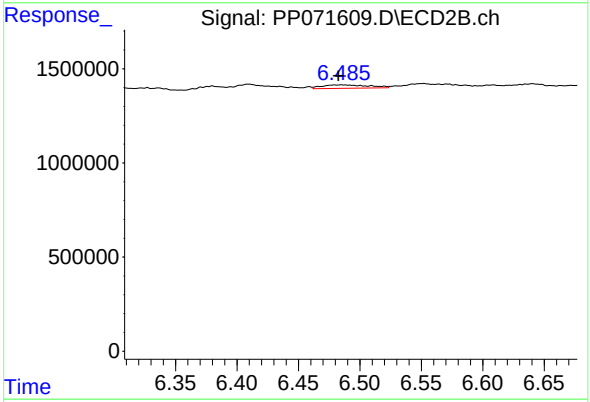
R.T.: 6.260 min
Delta R.T.: 0.006 min
Response: 775127
Conc: 6.54 ng/ml



#29 AR-1254-4

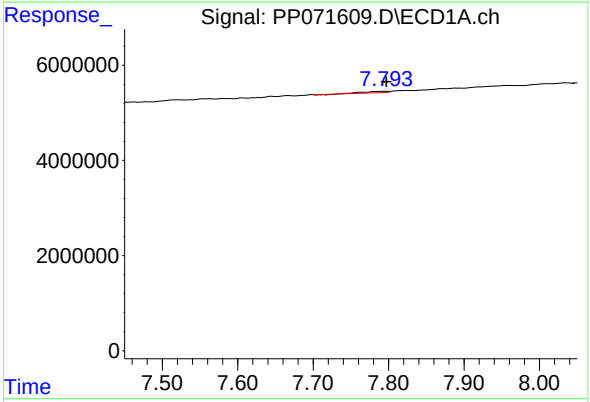
R.T.: 7.386 min
Delta R.T.: 0.005 min
Response: 542643
Conc: 4.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-27-042325



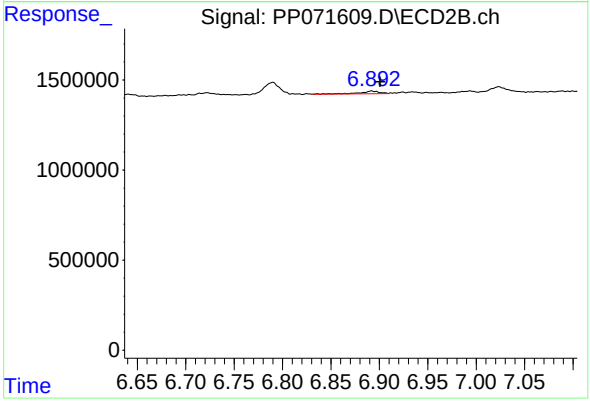
#29 AR-1254-4

R.T.: 6.486 min
Delta R.T.: 0.003 min
Response: 490400
Conc: 6.36 ng/ml



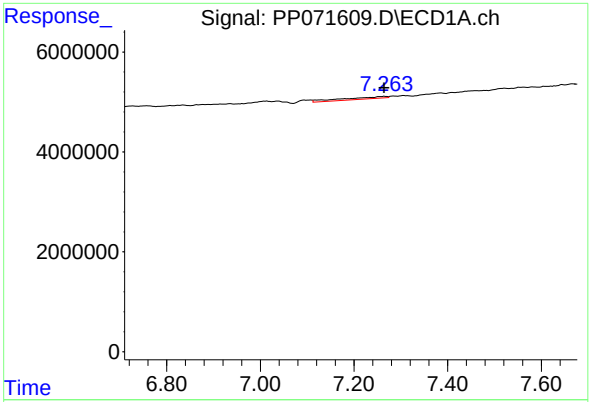
#30 AR-1254-5

R.T.: 7.795 min
Delta R.T.: -0.002 min
Response: 601427
Conc: 5.58 ng/ml



#30 AR-1254-5

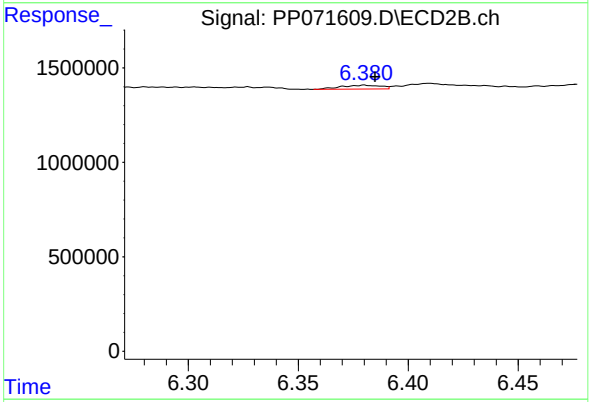
R.T.: 6.892 min
Delta R.T.: -0.009 min
Response: 213508
Conc: 2.10 ng/ml



#31 AR-1260-1

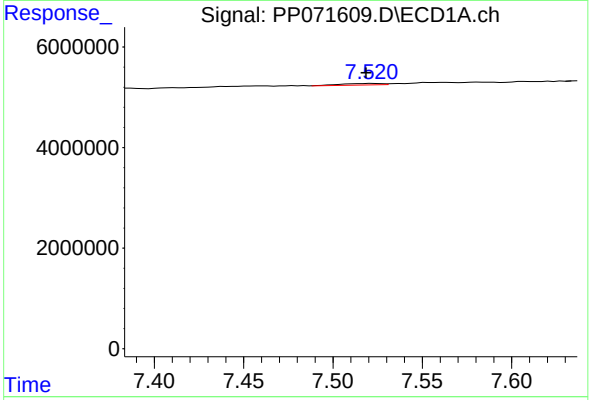
R.T.: 7.265 min
Delta R.T.: 0.000 min
Response: 2769580
Conc: 28.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-27-042325



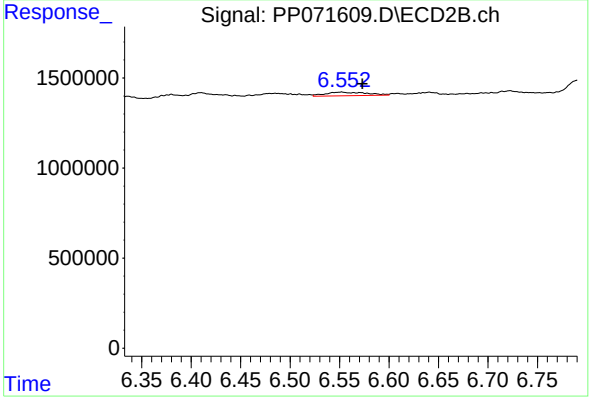
#31 AR-1260-1

R.T.: 6.380 min
Delta R.T.: -0.005 min
Response: 255574
Conc: 3.53 ng/ml



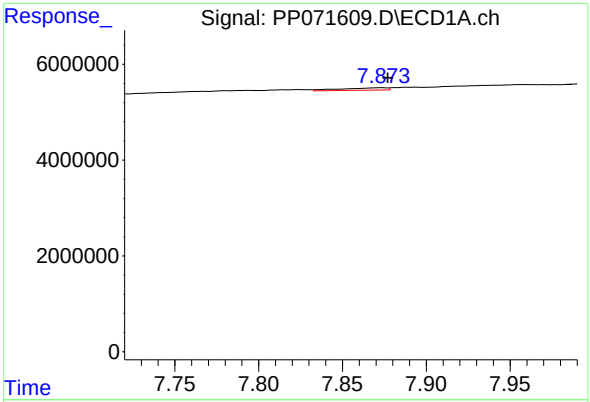
#32 AR-1260-2

R.T.: 7.522 min
Delta R.T.: 0.004 min
Response: 492136
Conc: 3.44 ng/ml



#32 AR-1260-2

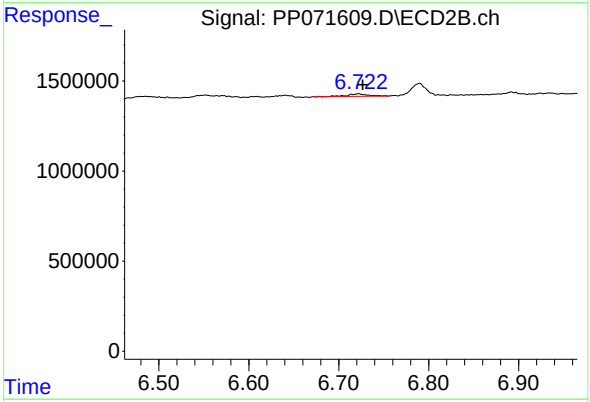
R.T.: 6.552 min
Delta R.T.: -0.022 min
Response: 582068
Conc: 6.66 ng/ml



#33 AR-1260-3

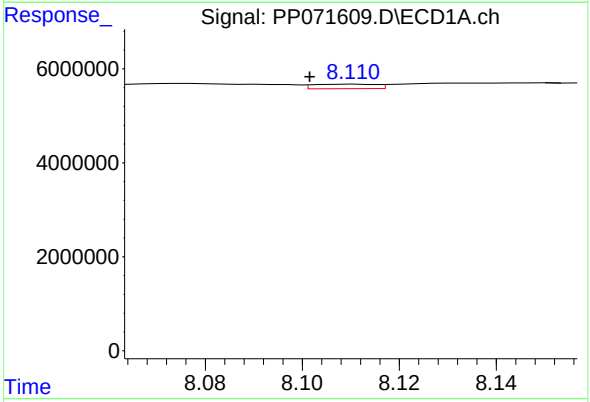
R.T.: 7.874 min
Delta R.T.: -0.003 min
Response: 940428
Conc: 8.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-27-042325



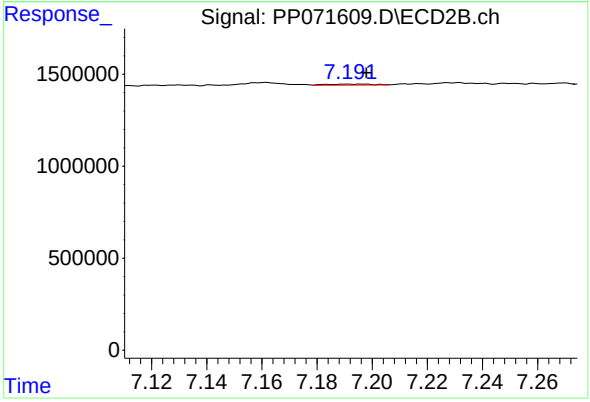
#33 AR-1260-3

R.T.: 6.722 min
Delta R.T.: -0.005 min
Response: 220256
Conc: 2.81 ng/ml



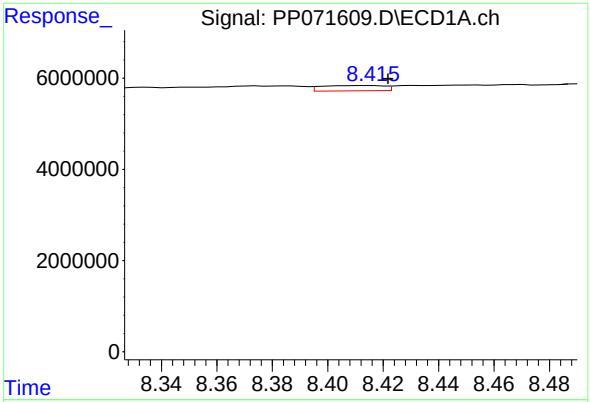
#34 AR-1260-4

R.T.: 8.112 min
Delta R.T.: 0.010 min
Response: 868017
Conc: 7.69 ng/ml



#34 AR-1260-4

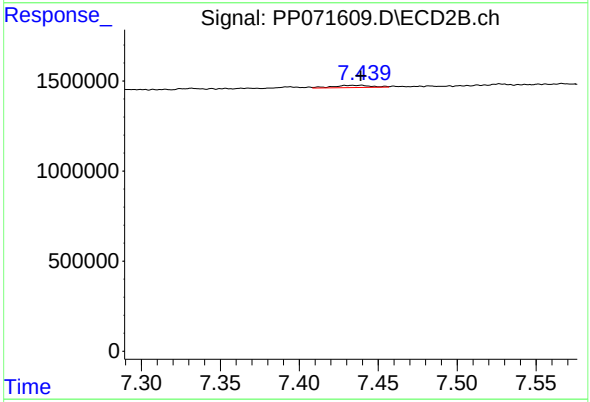
R.T.: 7.191 min
Delta R.T.: -0.007 min
Response: 59393
Conc: 0.94 ng/ml



#35 AR-1260-5

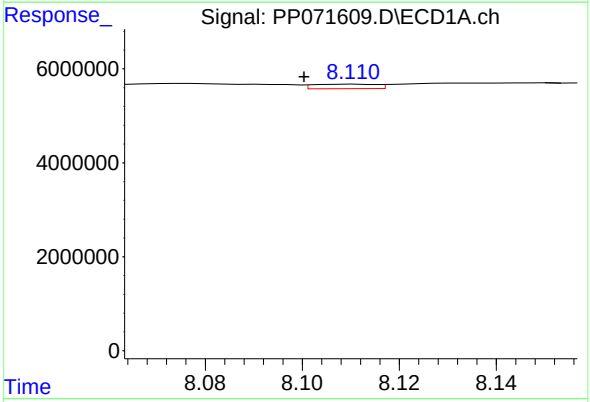
R.T.: 8.415 min
Delta R.T.: -0.007 min
Response: 1832855
Conc: 8.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-27-042325



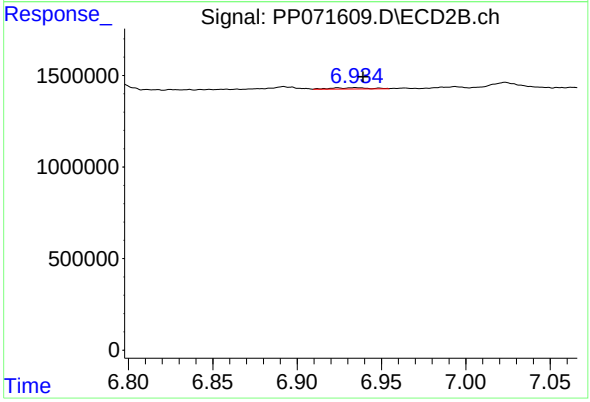
#35 AR-1260-5

R.T.: 7.439 min
Delta R.T.: 0.000 min
Response: 208753
Conc: 1.38 ng/ml



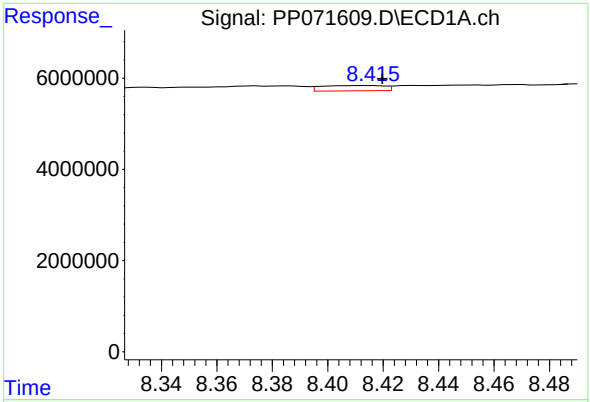
#36 AR-1262-1

R.T.: 8.112 min
Delta R.T.: 0.011 min
Response: 868017
Conc: 6.01 ng/ml



#36 AR-1262-1

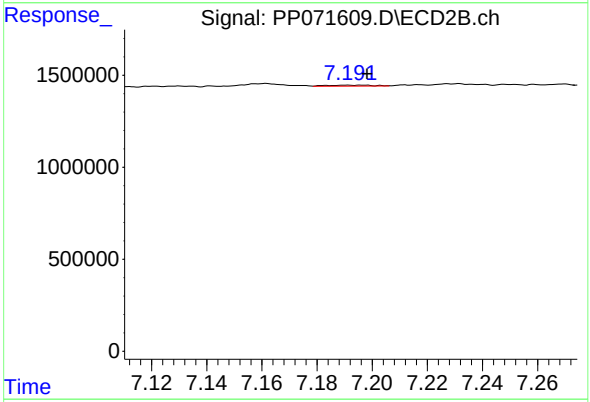
R.T.: 6.934 min
Delta R.T.: -0.005 min
Response: 114380
Conc: 1.01 ng/ml



#37 AR-1262-2

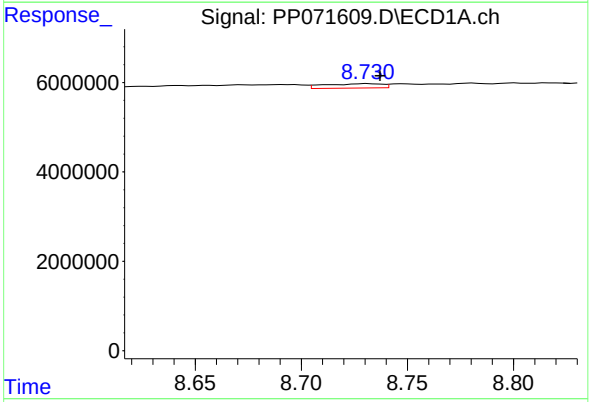
R.T.: 8.415 min
Delta R.T.: -0.005 min
Response: 1832855
Conc: 6.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-27-042325



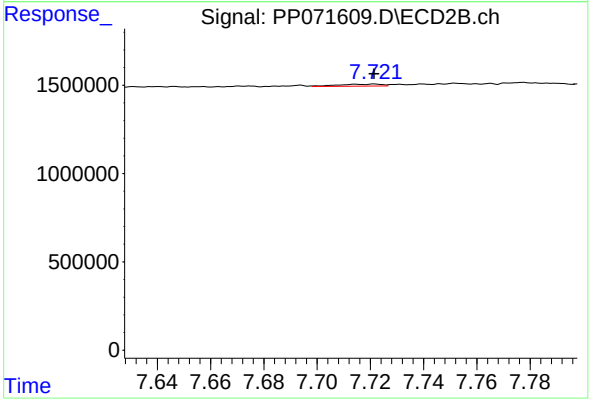
#37 AR-1262-2

R.T.: 7.191 min
Delta R.T.: -0.007 min
Response: 59393
Conc: 0.64 ng/ml



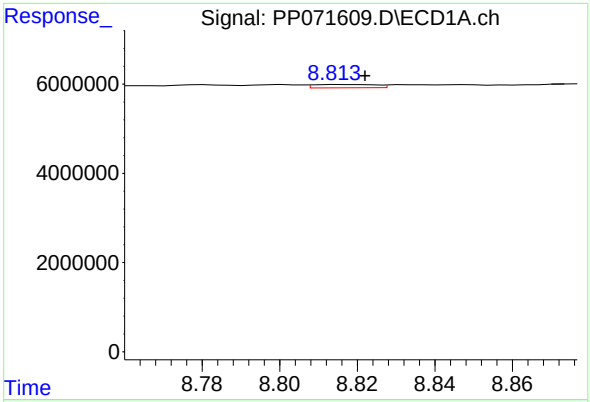
#38 AR-1262-3

R.T.: 8.731 min
Delta R.T.: -0.006 min
Response: 1876576
Conc: 10.26 ng/ml



#38 AR-1262-3

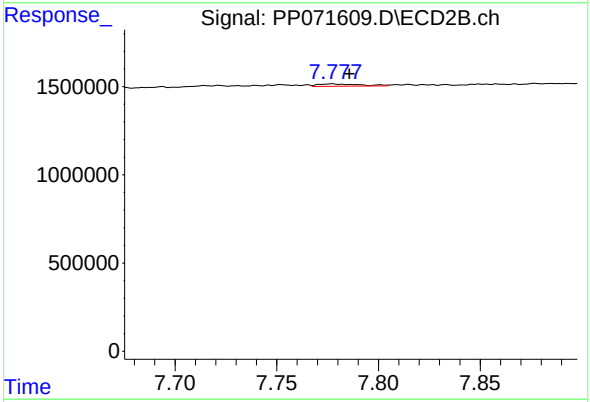
R.T.: 7.722 min
Delta R.T.: 0.000 min
Response: 134180
Conc: 1.77 ng/ml



#39 AR-1262-4

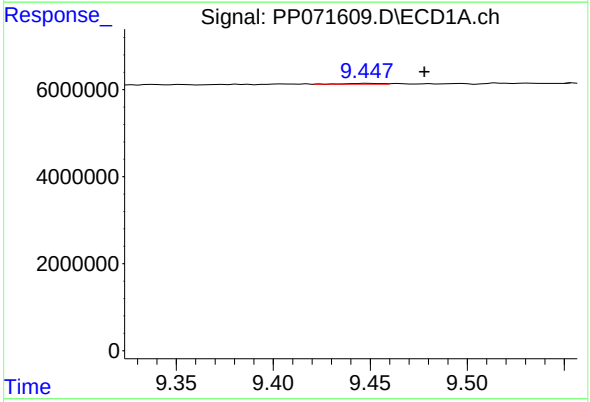
R.T.: 8.816 min
Delta R.T.: -0.006 min
Response: 819418
Conc: 6.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-27-042325



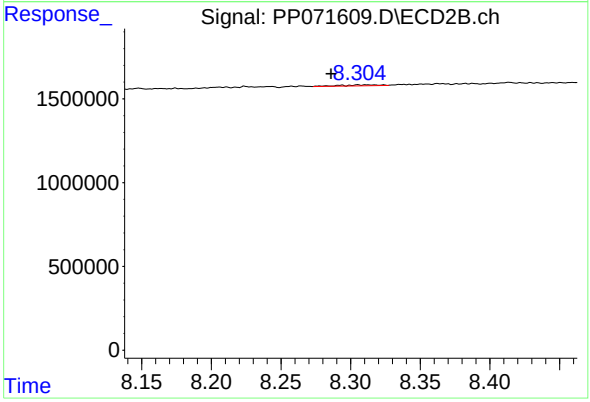
#39 AR-1262-4

R.T.: 7.777 min
Delta R.T.: -0.009 min
Response: 192270
Conc: 1.54 ng/ml



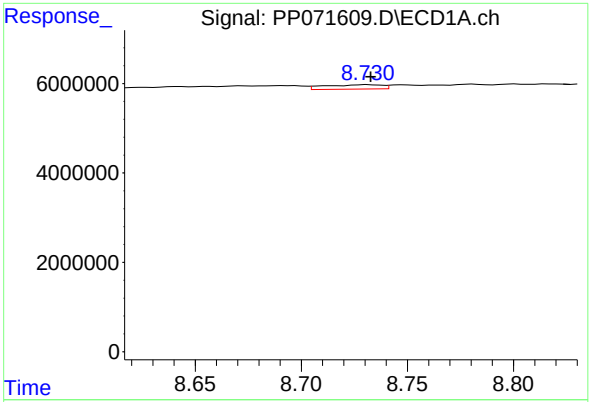
#40 AR-1262-5

R.T.: 9.448 min
Delta R.T.: -0.030 min
Response: 215278
Conc: 2.44 ng/ml



#40 AR-1262-5

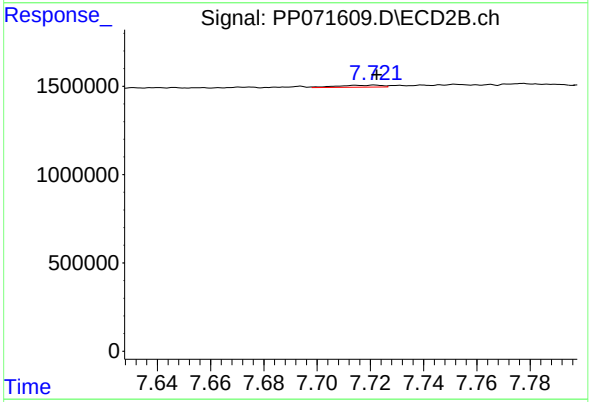
R.T.: 8.305 min
Delta R.T.: 0.019 min
Response: 106825
Conc: 1.93 ng/ml



#41 AR-1268-1

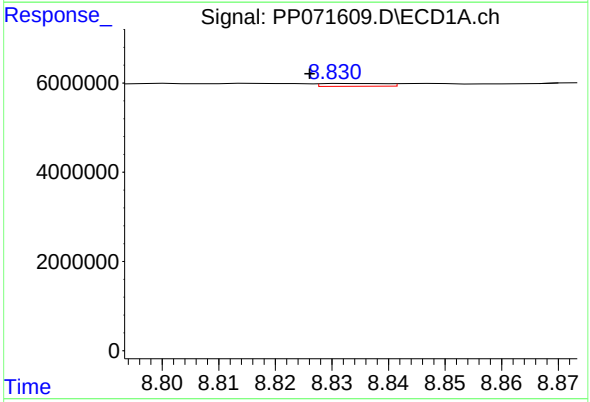
R.T.: 8.731 min
Delta R.T.: -0.002 min
Response: 1876576
Conc: 6.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-27-042325



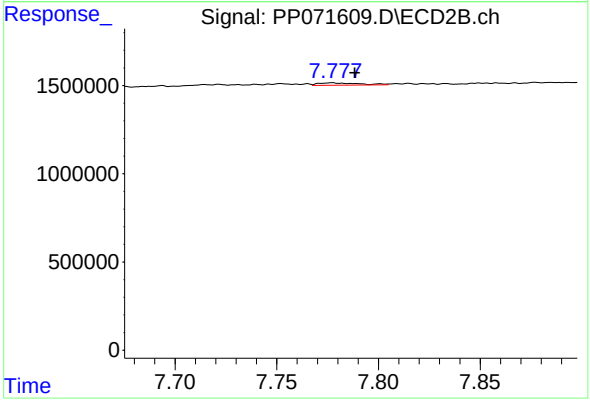
#41 AR-1268-1

R.T.: 7.722 min
Delta R.T.: 0.000 min
Response: 134180
Conc: 0.67 ng/ml



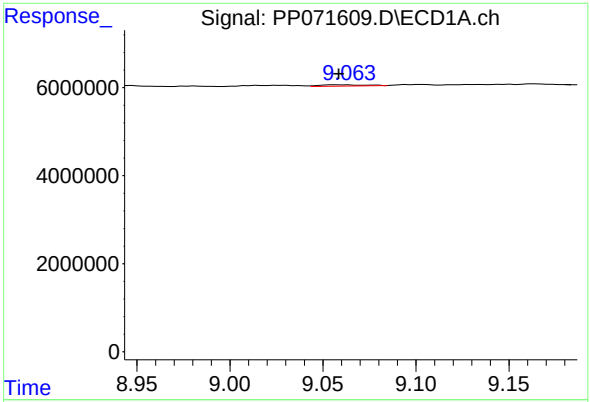
#42 AR-1268-2

R.T.: 8.834 min
Delta R.T.: 0.008 min
Response: 496482
Conc: 1.93 ng/ml



#42 AR-1268-2

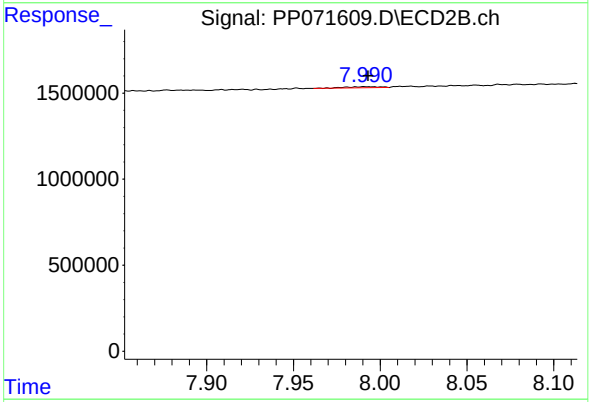
R.T.: 7.777 min
Delta R.T.: -0.011 min
Response: 192270
Conc: 1.14 ng/ml



#43 AR-1268-3

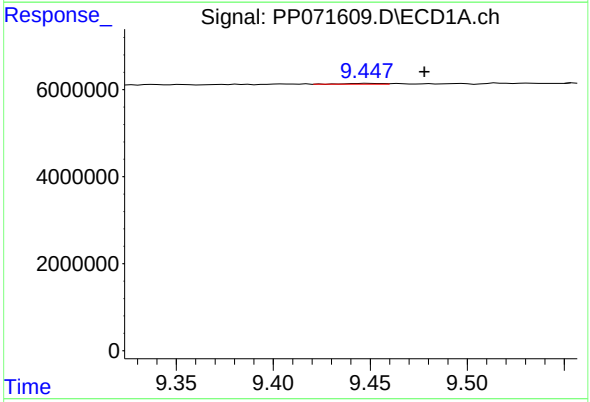
R.T.: 9.057 min
Delta R.T.: -0.001 min
Response: 492600
Conc: 2.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-27-042325



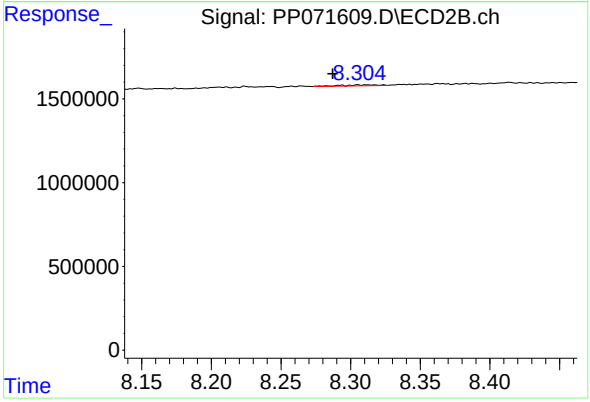
#43 AR-1268-3

R.T.: 7.992 min
Delta R.T.: -0.001 min
Response: 78237
Conc: 0.56 ng/ml



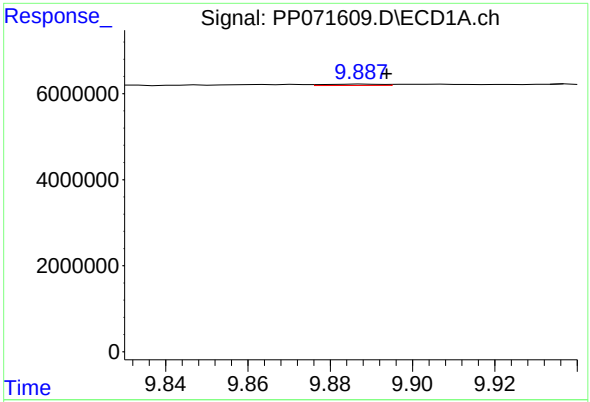
#44 AR-1268-4

R.T.: 9.448 min
Delta R.T.: -0.029 min
Response: 215278
Conc: 2.29 ng/ml



#44 AR-1268-4

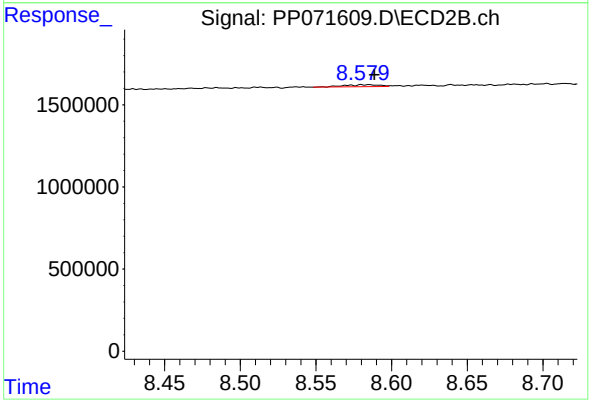
R.T.: 8.305 min
Delta R.T.: 0.018 min
Response: 106825
Conc: 1.76 ng/ml



#45 AR-1268-5

R.T.: 9.888 min
Delta R.T.: -0.005 min
Response: 304029
Conc: 0.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-27-042325



#45 AR-1268-5

R.T.: 8.580 min
Delta R.T.: -0.009 min
Response: 192793
Conc: 0.52 ng/ml